

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003380.D
 Acq On : 31 Jul 2020 10:58
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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 8/3/2020 12:37:21 PM

Quant Time: Jul 31 12:49:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 12:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	491170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	726244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	665828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	354825	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	24381	5.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.28%	
35) Dibromofluoromethane	7.72	113	21142	4.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.90%	
50) Toluene-d8	10.18	98	85822	5.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.66%	
62) 4-Bromofluorobenzene	12.48	95	29273	5.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.14%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	22004	5.996	ug/l 100
3) Chloromethane	2.12	50	33628	6.690	ug/l 93
4) Vinyl Chloride	2.25	62	29987	5.812	ug/l 96
5) Bromomethane	2.65	94	21909	5.730	ug/l 100
6) Chloroethane	2.80	64	17545	5.217	ug/l 100
7) Trichlorofluoromethane	3.13	101	39361	5.385	ug/l 99
8) Diethyl Ether	3.54	74	13809	5.608	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	22796	5.176	ug/l 98
10) Methyl Iodide	4.10	142	22003	4.547	ug/l 97
11) Tert butyl alcohol	4.96	59	17115	37.613	ug/l 97
12) 1,1-Dichloroethene	3.88	96	22247	5.307	ug/l 93
13) Acrolein	3.73	56	13366	32.651	ug/l 99
14) Allyl chloride	4.49	41	37095	5.865	ug/l 99
15) Acrylonitrile	5.18	53	32986	27.874	ug/l 98
16) Acetone	3.95	43	29977	30.822	ug/l 92
17) Carbon Disulfide	4.20	76	72232	5.569	ug/l 96
18) Methyl Acetate	4.49	43	18297	6.897	ug/l 100
19) Methyl tert-butyl Ether	5.23	73	60431	5.187	ug/l 95
20) Methylene Chloride	4.72	84	71459	12.450	ug/l 97
21) trans-1,2-Dichloroethene	5.23	96	25265	5.365	ug/l 99
22) Diisopropyl ether	6.13	45	76953	5.545	ug/l 99
23) Vinyl Acetate	6.07	43	236732	25.648	ug/l 98
24) 1,1-Dichloroethane	6.02	63	42865	5.356	ug/l 98
25) 2-Butanone	6.99	43	44338	28.193	ug/l 95
26) 2,2-Dichloropropane	6.99	77	40262	5.590	ug/l 99
27) cis-1,2-Dichloroethene	6.99	96	27296	5.258	ug/l 97
28) Bromochloromethane	7.34	49	17330	5.152	ug/l 100
29) Tetrahydrofuran	7.35	42	28912	27.554	ug/l 99
30) Chloroform	7.51	83	42912	5.229	ug/l 93
31) Cyclohexane	7.79	56	48486	6.272	ug/l # 85
32) 1,1,1-Trichloroethane	7.71	97	39758	5.365	ug/l 98
36) 1,1-Dichloropropene	7.92	75	34948	5.209	ug/l 99
37) Ethyl Acetate	7.08	43	20579	5.678	ug/l 94
38) Carbon Tetrachloride	7.90	117	34797	5.037	ug/l 97

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 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDIC005

Manual Integrations
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Quant Time: Jul 31 12:49:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 12:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	41492	4.942	ug/l	98
40) Benzene	8.17	78	96770	5.236	ug/l	96
41) Methacrylonitrile	7.32	41	9723m	4.432	ug/l	
42) 1,2-Dichloroethane	8.24	62	29525	5.206	ug/l	98
43) Isopropyl Acetate	8.28	43	37494	5.363	ug/l #	88
44) Trichloroethene	8.94	130	27319	4.869	ug/l	96
45) 1,2-Dichloropropane	9.22	63	25083	5.234	ug/l	97
46) Dibromomethane	9.30	93	14627	5.291	ug/l	97
47) Bromodichloromethane	9.50	83	32829	4.956	ug/l	97
48) Methyl methacrylate	9.29	41	15870	5.070	ug/l	95
49) 1,4-Dioxane	9.30	88	3667	104.250	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	95638	26.304	ug/l	99
52) Toluene	10.24	92	59510	5.047	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	34566	5.032	ug/l	95
54) cis-1,3-Dichloropropene	9.92	75	39984	5.049	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	20070	5.094	ug/l	92
56) Ethyl methacrylate	10.51	69	24807	4.648	ug/l	95
57) 1,3-Dichloropropane	10.79	76	34083	5.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	63251	23.835	ug/l	97
59) 2-Hexanone	10.83	43	64564	25.425	ug/l	99
60) Dibromochloromethane	10.98	129	23854	4.826	ug/l	91
61) 1,2-Dibromoethane	11.09	107	19325	5.004	ug/l	97
64) Tetrachloroethene	10.72	164	28205	4.741	ug/l	96
65) Chlorobenzene	11.52	112	66378	5.095	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	25458	5.027	ug/l	99
67) Ethyl Benzene	11.59	91	115996	4.973	ug/l	98
68) m/p-Xylenes	11.70	106	87329	9.878	ug/l	99
69) o-Xylene	12.03	106	39499	4.776	ug/l	95
70) Styrene	12.04	104	66500	4.702	ug/l	98
71) Bromoform	12.20	173	16485	4.993	ug/l #	97
73) Isopropylbenzene	12.33	105	110105	4.791	ug/l	99
74) N-amyl acetate	12.14	43	33190	5.133	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	22978	5.176	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	16999m	5.361	ug/l	
77) Bromobenzene	12.61	156	28463	4.865	ug/l	97
78) n-propylbenzene	12.67	91	133353	4.908	ug/l	100
79) 2-Chlorotoluene	12.75	91	74327	4.915	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	93696	4.886	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	8207	5.016	ug/l	94
82) 4-Chlorotoluene	12.85	91	75336	4.773	ug/l	97
83) tert-Butylbenzene	13.07	119	79956	4.744	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	91421	4.735	ug/l	99
85) sec-Butylbenzene	13.25	105	112099	4.817	ug/l	99
86) p-Isopropyltoluene	13.37	119	103717	4.774	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	55015	4.962	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	55907	5.091	ug/l	93
89) n-Butylbenzene	13.69	91	99548	4.870	ug/l	100
90) Hexachloroethane	13.96	117	20453	5.136	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	49834	5.117	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	4222	5.877	ug/l	89

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Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

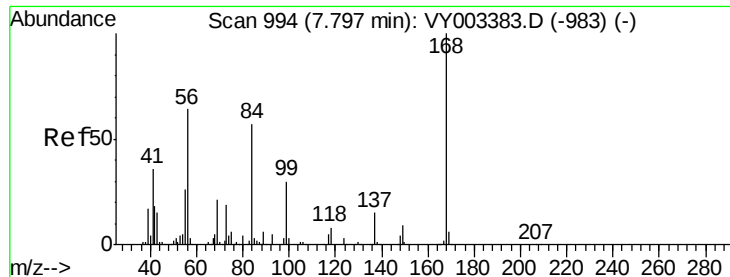
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 12:21:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	34691	5.001	ug/l	98
94) Hexachlorobutadiene	15.11	225	24198	5.113	ug/l	98
95) Naphthalene	15.23	128	57798	5.020	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	27926	5.054	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 491170

Ion Ratio Lower Upper

168 100

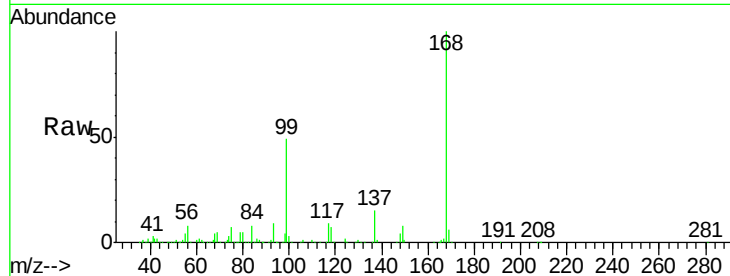
99 49.1 38.8 58.2

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Abundance Ion 167.90 (167.60 to 168.60): VY003380.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003380.D (-945) (-)

7.80

250000

200000

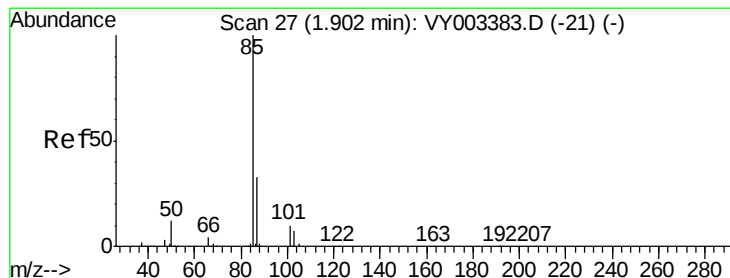
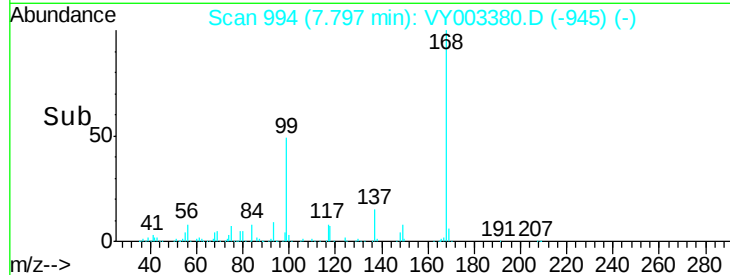
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.996 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003380.D

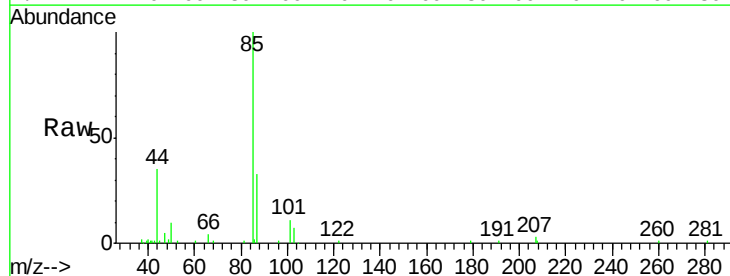
Acq: 31 Jul 2020 10:58

Tgt Ion: 85 Resp: 22004

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY003380.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003380.D (-1) (-)

1.90

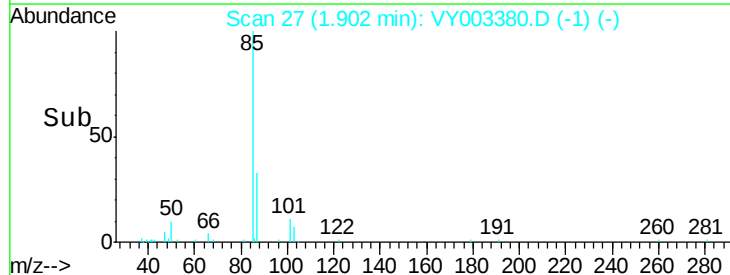
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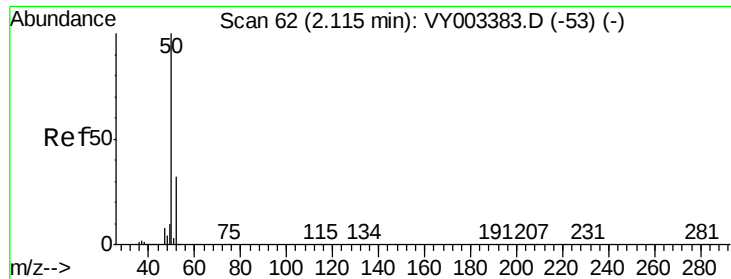
10000

5000

0

Time-->





#3

Chloromethane

Concen: 6.690 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 33628

Ion Ratio Lower Upper

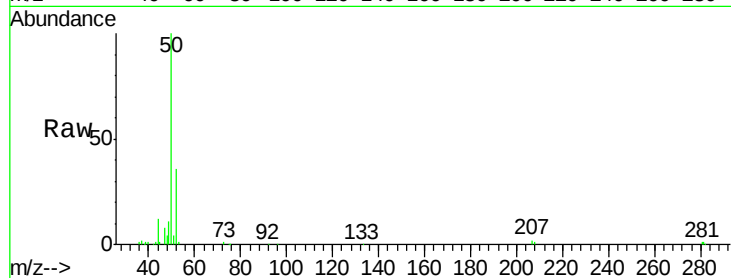
50 100

52 36.4 25.9 38.9

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

25000

20000

15000

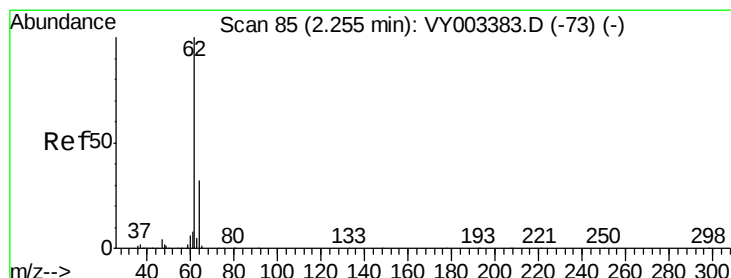
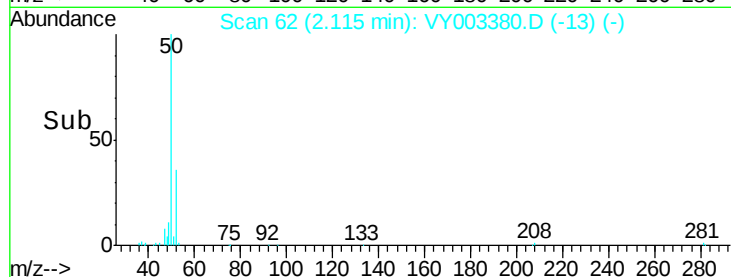
10000

5000

0

Time-->

2.05 2.10 2.15 2.20



#4

Vinyl Chloride

Concen: 5.812 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY003380.D

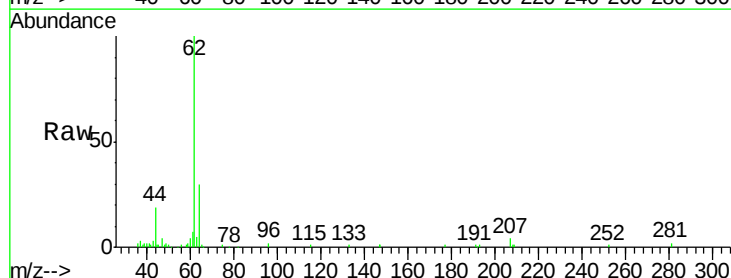
Acq: 31 Jul 2020 10:58

Tgt Ion: 62 Resp: 29987

Ion Ratio Lower Upper

62 100

64 29.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

20000

15000

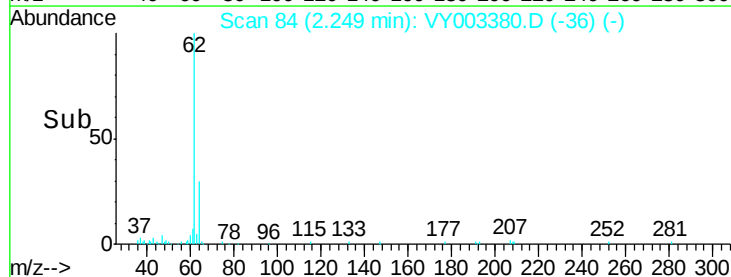
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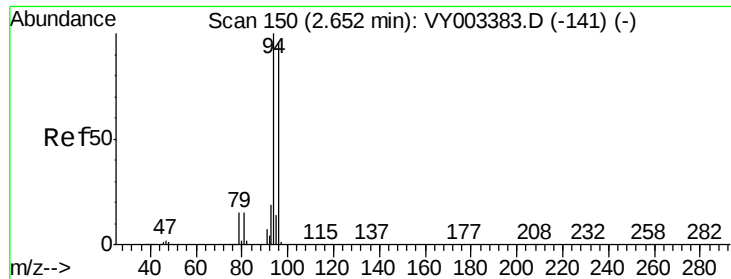
5000

0

Time-->

2.15 2.20 2.25 2.30 2.35





#5

Bromomethane

Concen: 5.730 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 21909

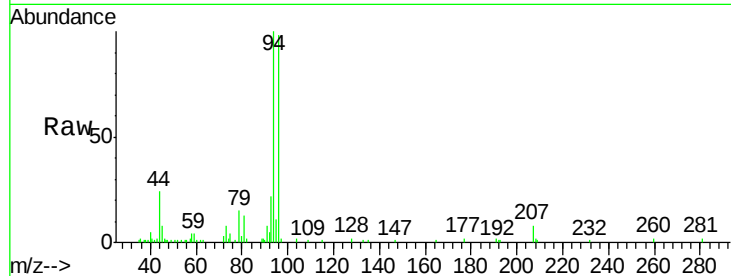
Ion Ratio Lower Upper

94 100

96 96.0 76.6 115.0

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

10000

8000

6000

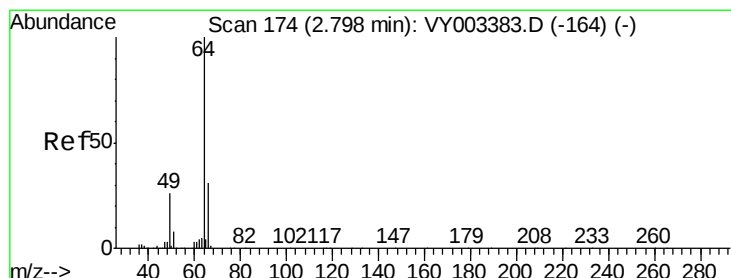
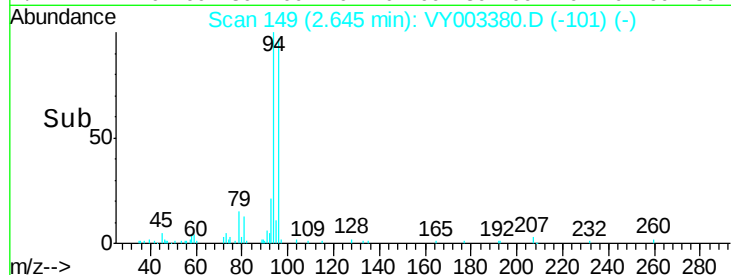
4000

2000

0

Time-->

2.55 2.60 2.65 2.70 2.75



#6

Chloroethane

Concen: 5.217 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003380.D

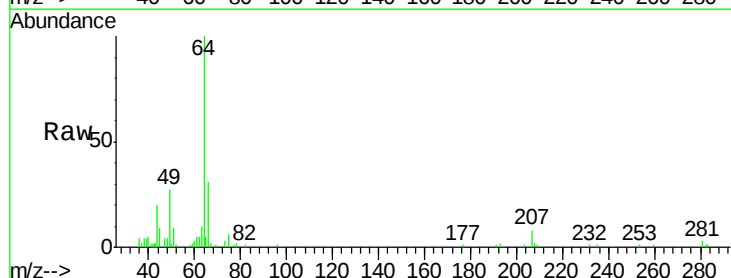
Acq: 31 Jul 2020 10:58

Tgt Ion: 64 Resp: 17545

Ion Ratio Lower Upper

64 100

66 31.2 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

8000

6000

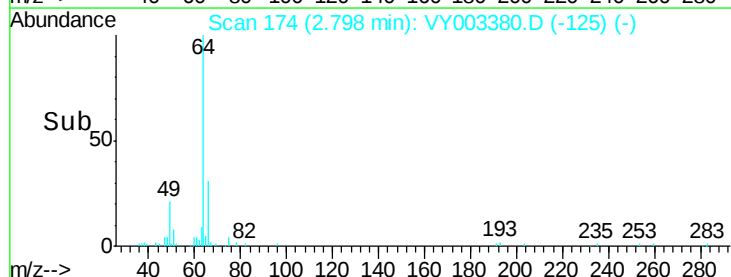
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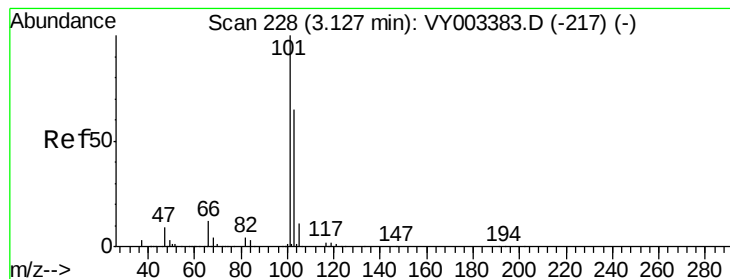
2000

0

Time-->

2.70 2.75 2.80 2.85 2.90





#7

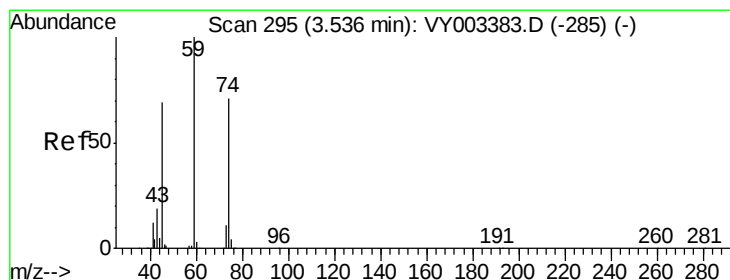
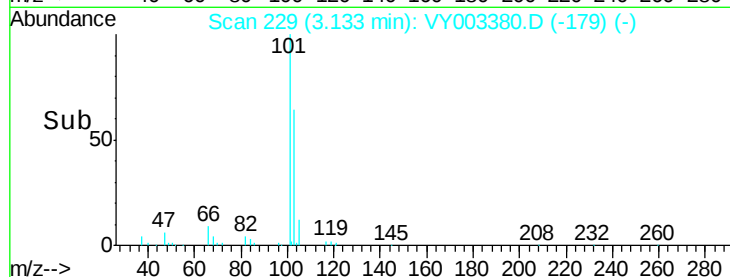
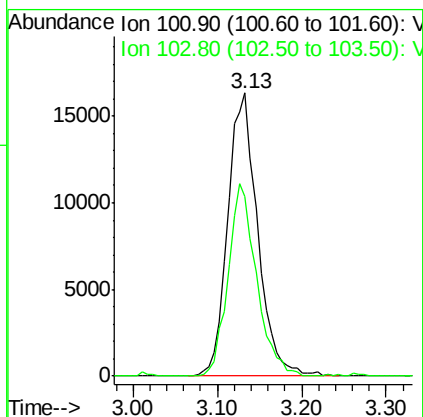
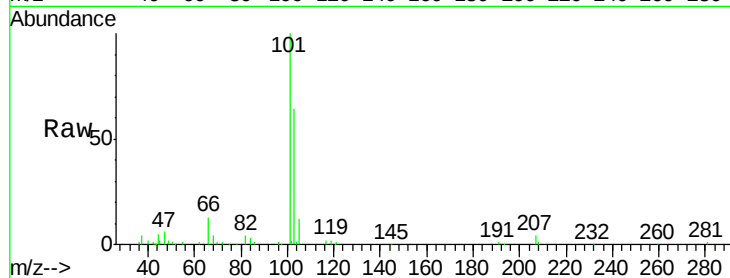
Trichlorofluoromethane
 Concen: 5.385 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.8	77.6

Manual Integrations
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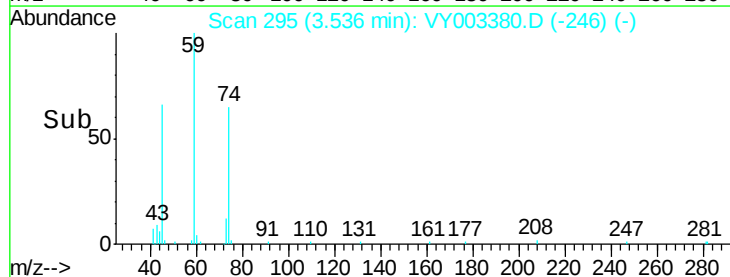
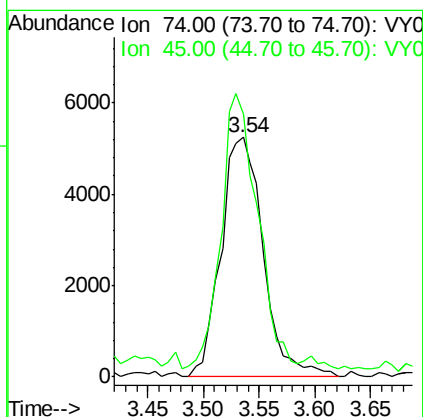
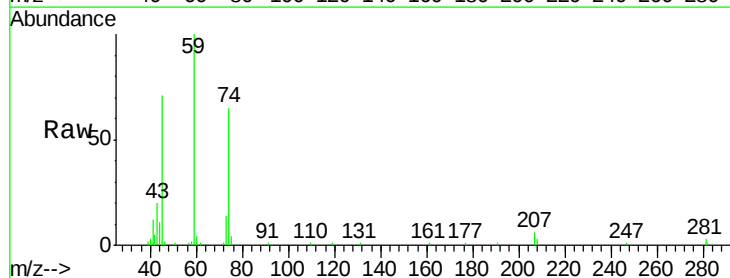
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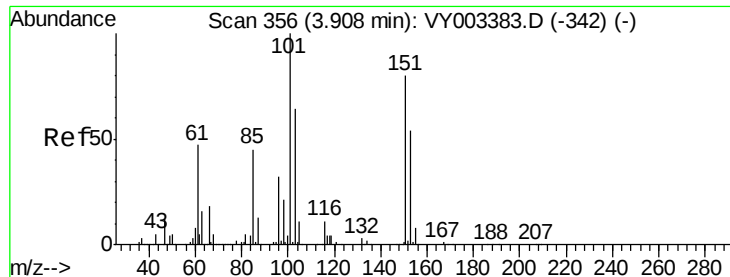


#8

Diethyl Ether
 Concen: 5.608 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.176 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Instrument :

MSVOA_Y

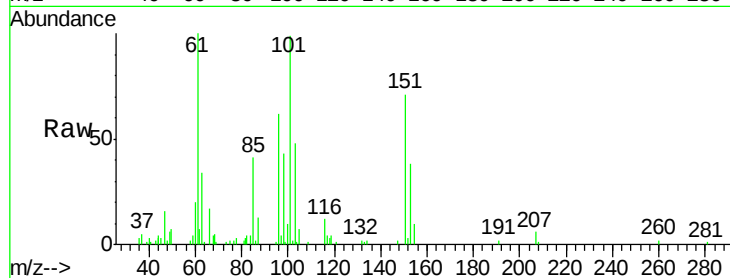
ClientSampleId :

VSTDIC005

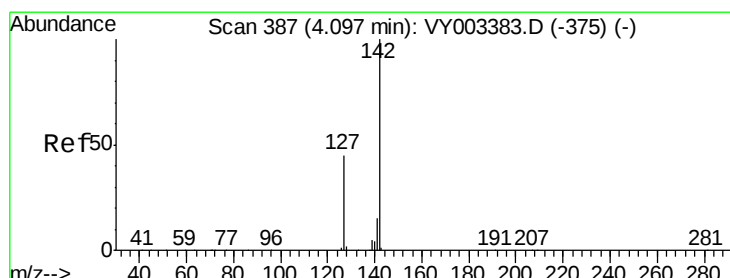
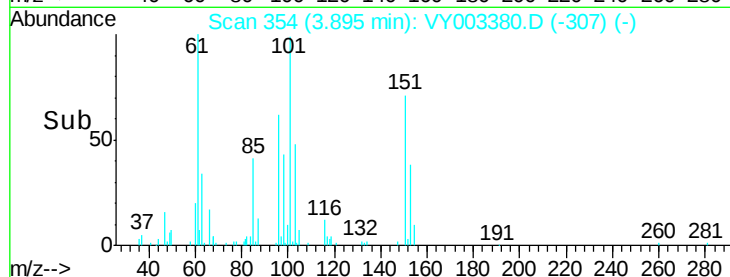
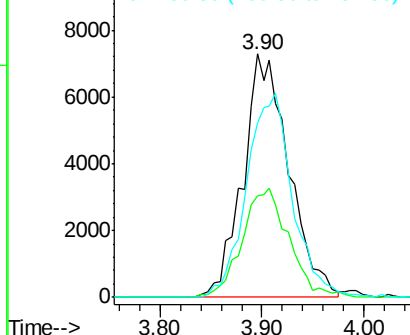
Tot Ion:	101	Resp:	22796
Ion Ratio	Lower	Upper	
101	100		
85	45.5	35.7	53.5
151	83.8	65.7	98.5

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.547 ug/l

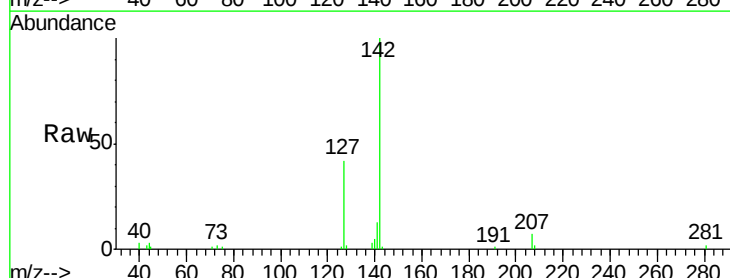
RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

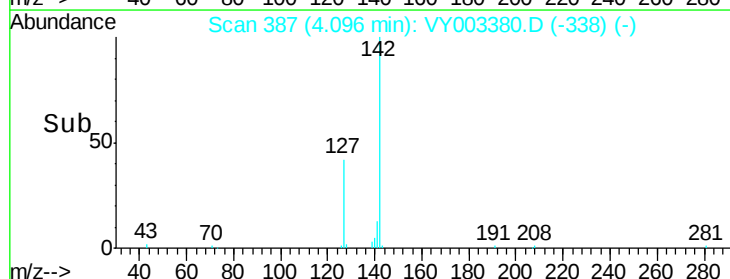
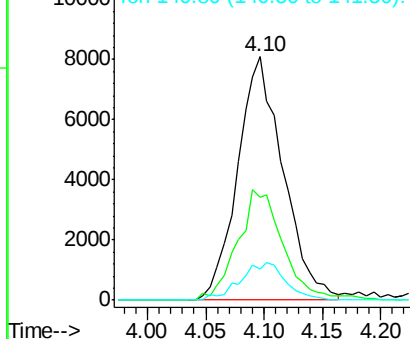
Lab File: VY003380.D

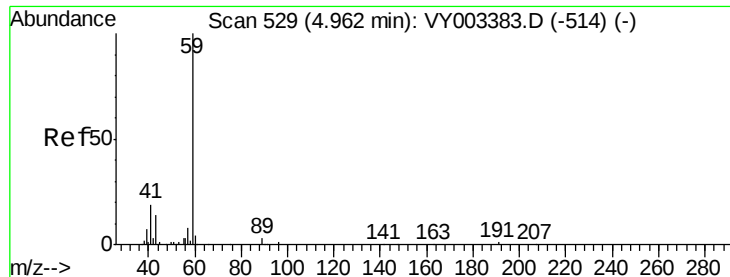
Acq: 31 Jul 2020 10:58

Tgt Ion:	142	Resp:	22003
Ion Ratio	Lower	Upper	
142	100		
127	45.6	34.6	52.0
141	15.6	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





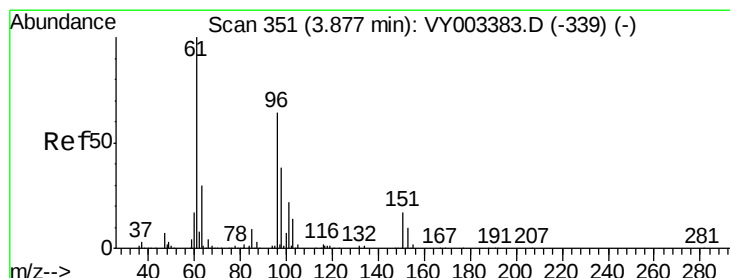
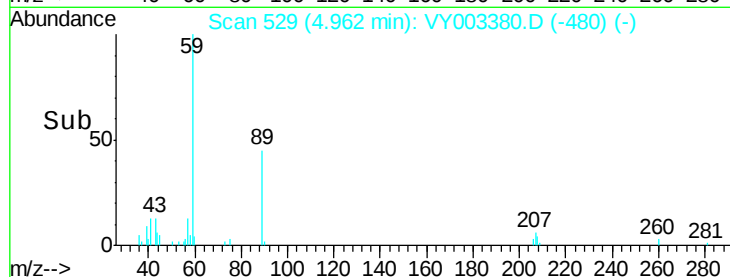
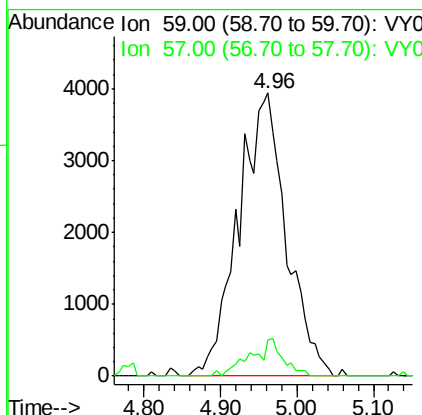
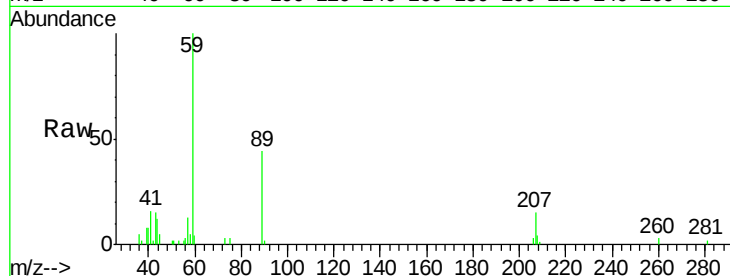
#11
Tert butyl alcohol
Concen: 37.613 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.0	12.0

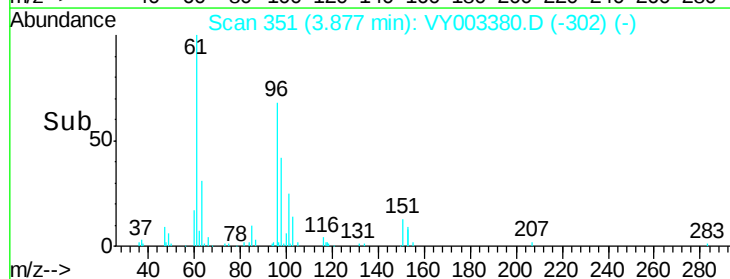
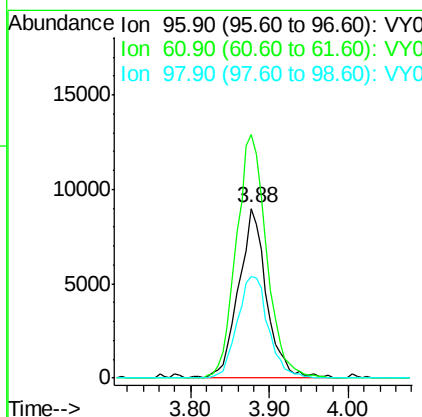
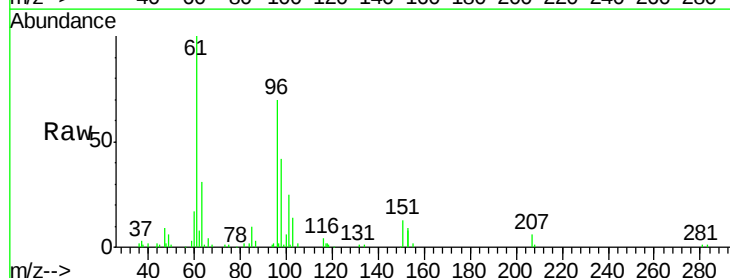
Manual Integrations
APPROVED

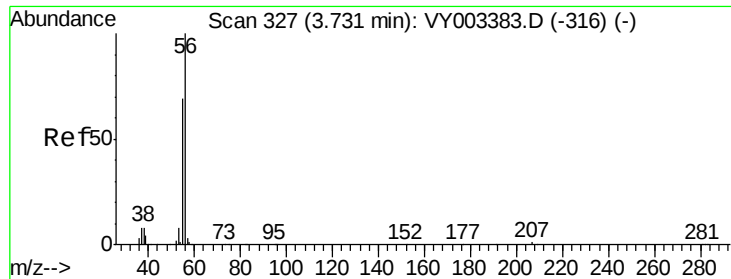
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#12
1,1-Dichloroethene
Concen: 5.307 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.3	124.7	187.1
98	59.5	47.4	71.2





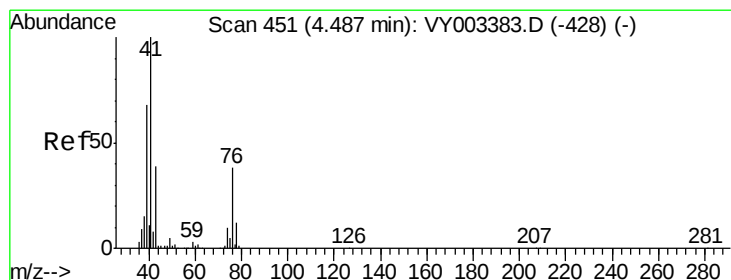
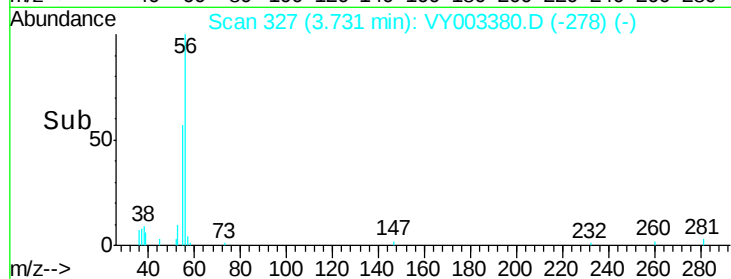
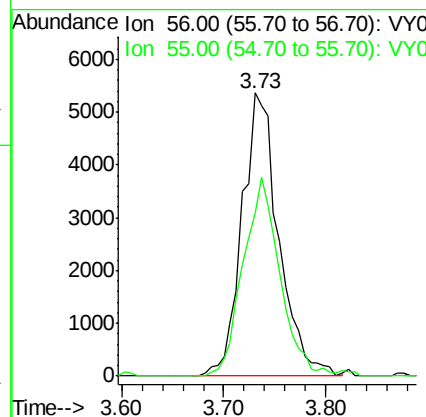
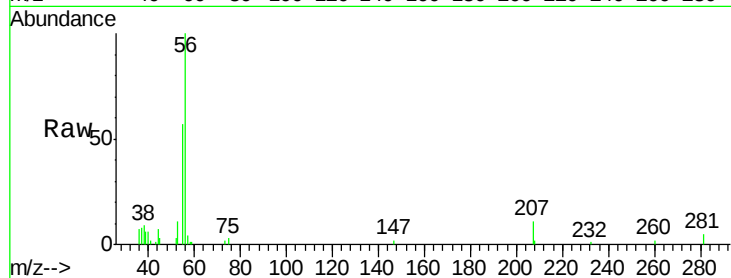
#13
Acrolein
Concen: 32.651 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.4	55.5	83.3	

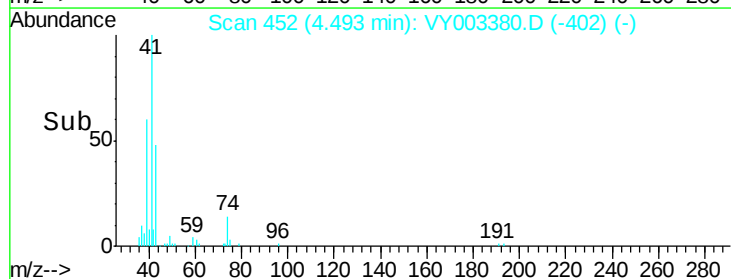
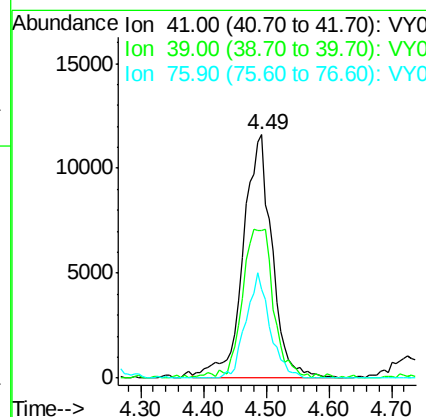
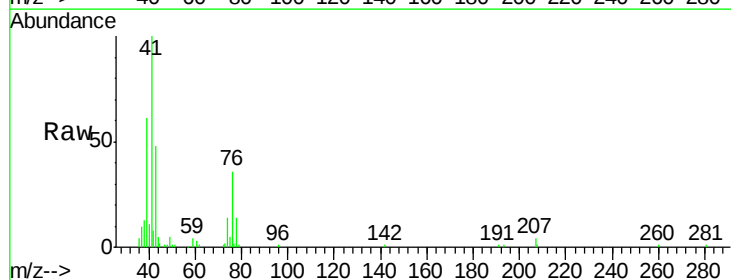
Manual Integrations
APPROVED

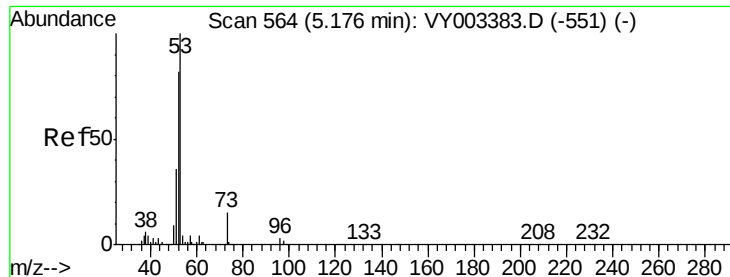
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#14
Allyl chloride
Concen: 5.865 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	65.2	52.7	79.1	
76	35.9	29.8	44.6	





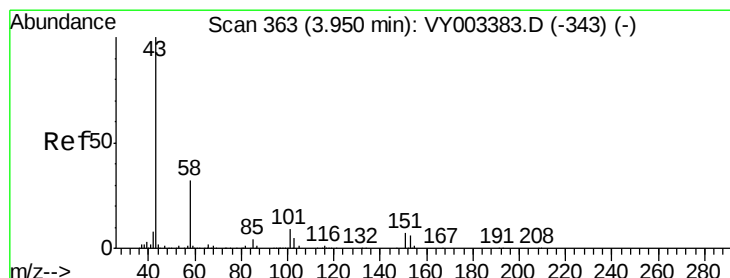
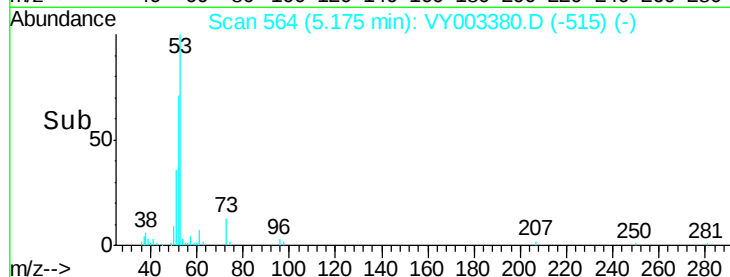
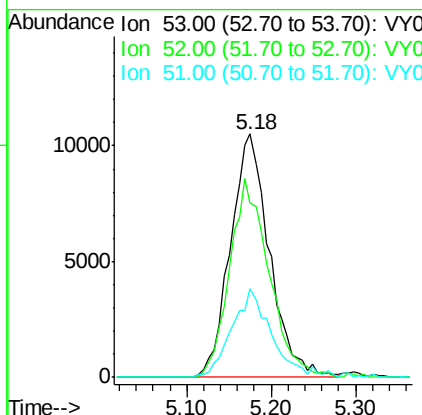
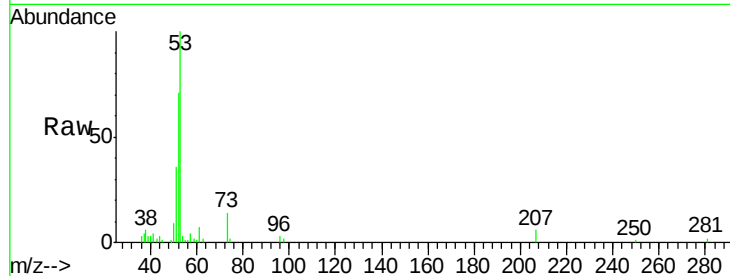
#15
 Acrylonitrile
 Concen: 27.874 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDIC005

Tot Ion:	53	Resp:	32986
Ion	Ratio	Lower	Upper
53	100		
52	82.3	67.0	100.6
51	35.9	29.3	43.9

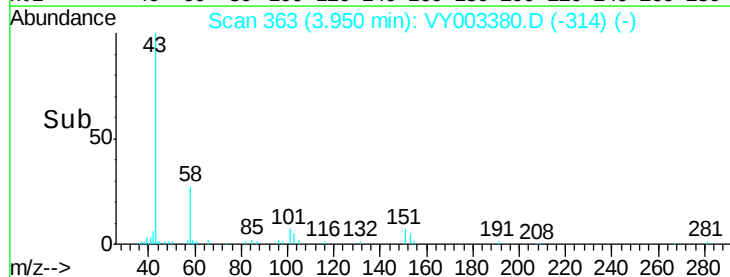
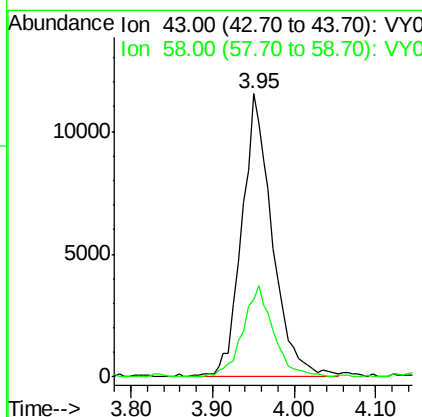
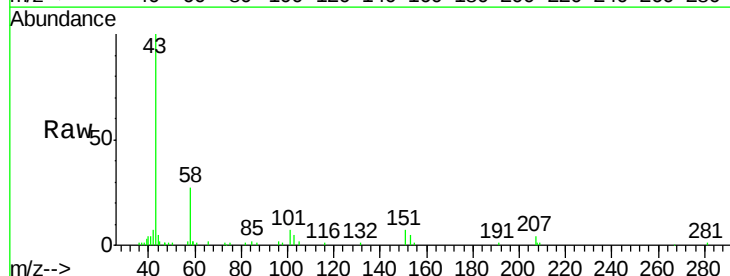
Manual Integrations
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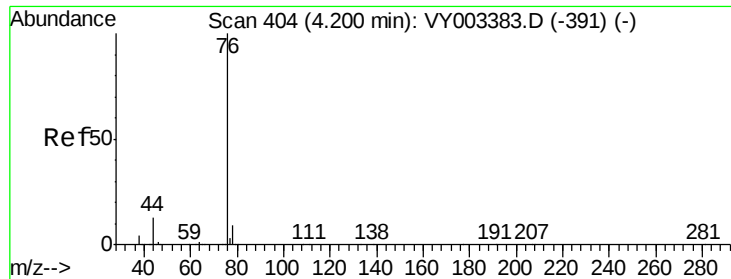
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#16
 Acetone
 Concen: 30.822 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Tgt Ion:	43	Resp:	29977
Ion	Ratio	Lower	Upper
43	100		
58	27.2	25.4	38.2





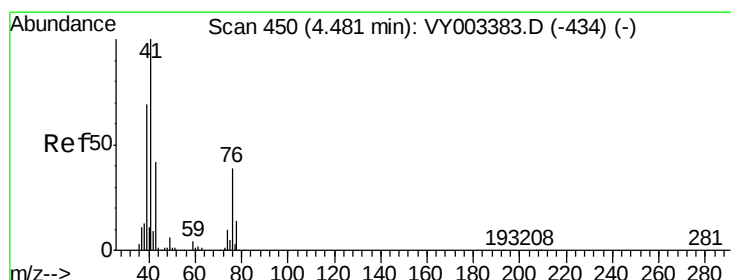
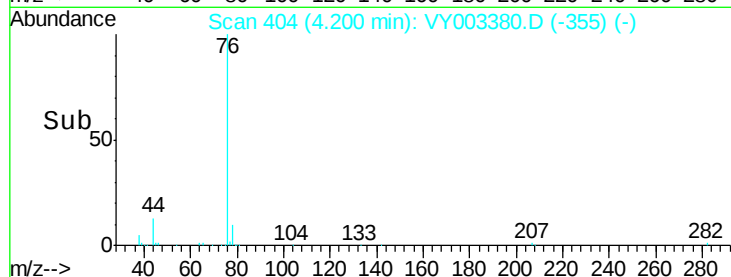
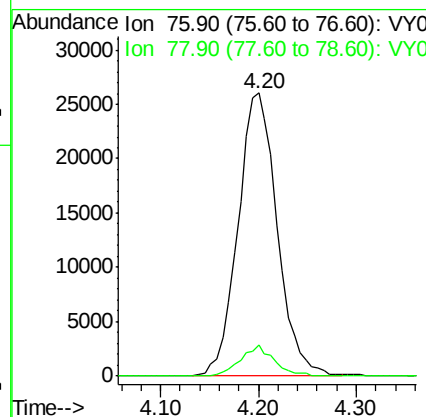
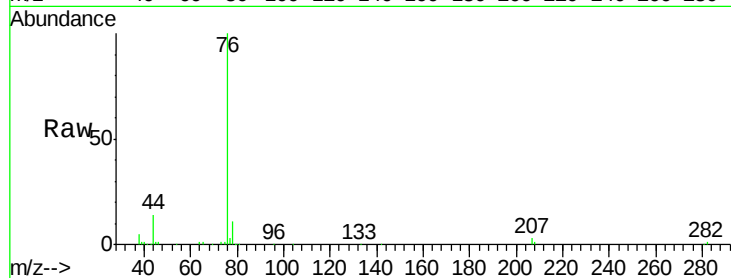
#17
Carbon Disulfide
Concen: 5.569 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	11.0	7.5	11.3

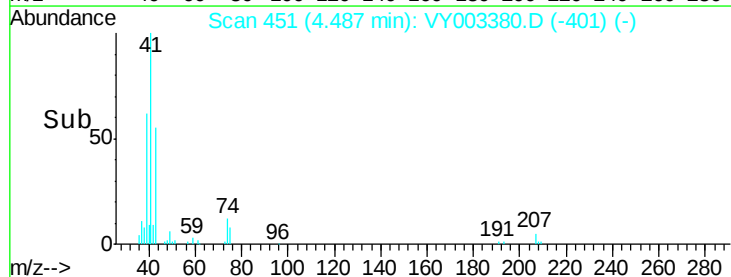
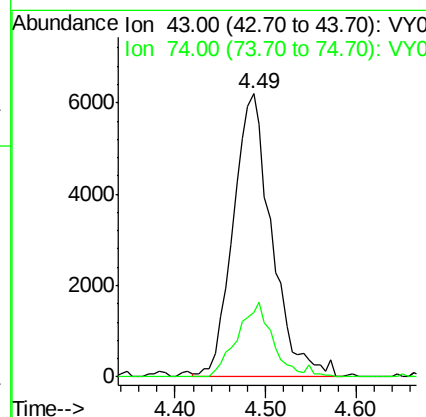
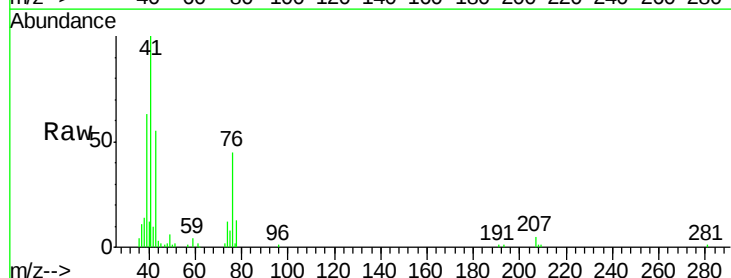
Manual Integrations
APPROVED

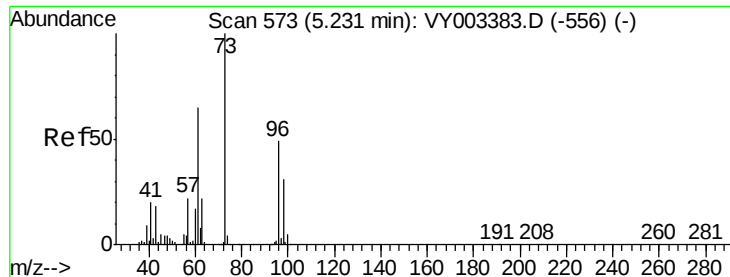
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#18
Methyl Acetate
Concen: 6.897 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.2	28.8





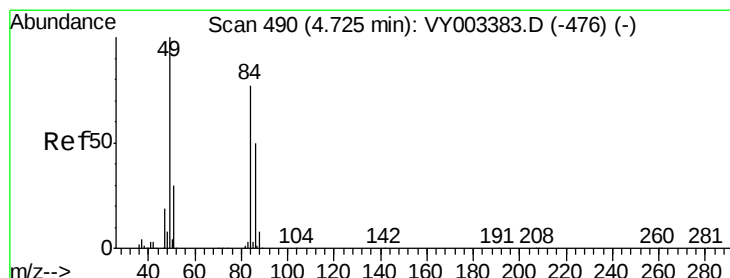
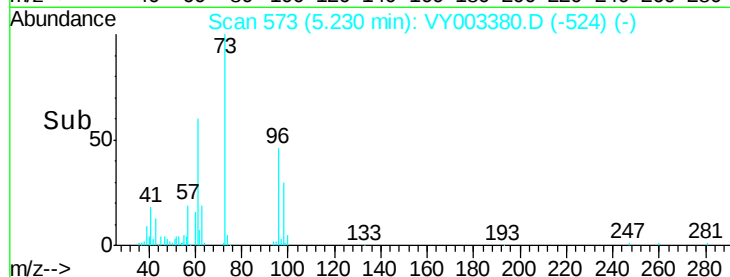
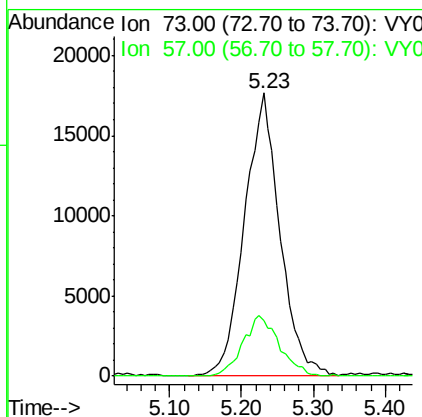
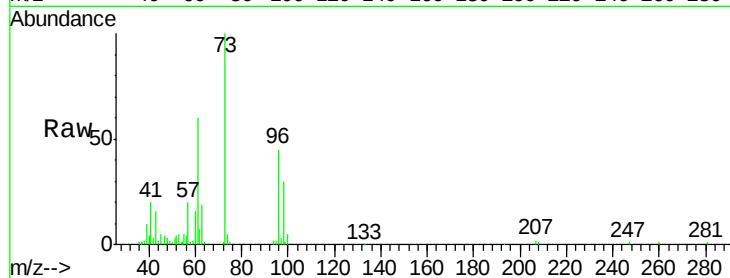
#19
Methvl tert-butvl Ether
Concen: 5.187 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.8	17.8	26.8

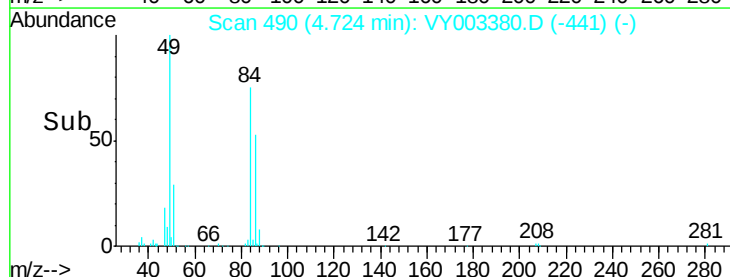
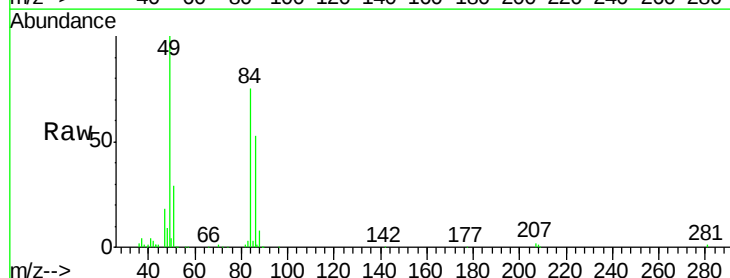
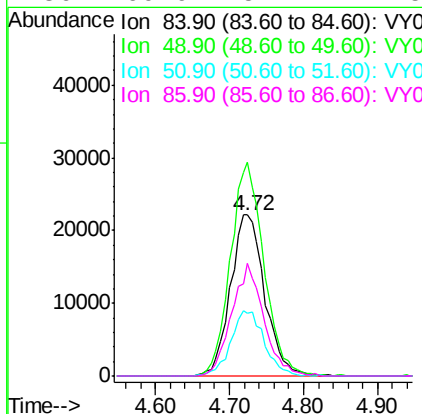
Manual Integrations
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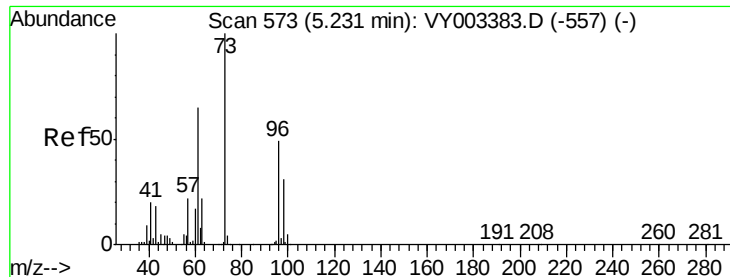
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#20
Methylene Chloride
Concen: 12.450 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.1	104.2	156.4
51	38.6	31.5	47.3
86	69.9	51.7	77.5





#21

trans-1,2-Dichloroethene

Concen: 5.365 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Instrument :

MSVOA_Y

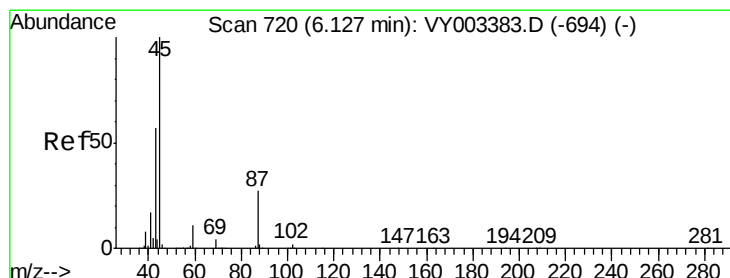
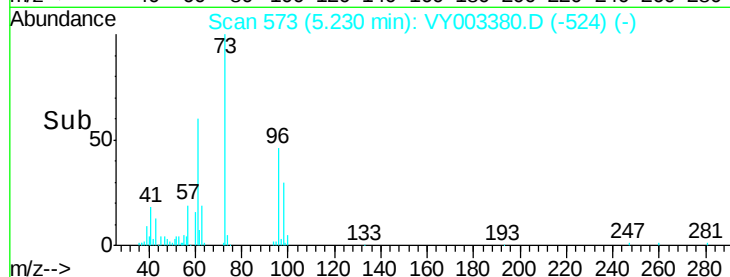
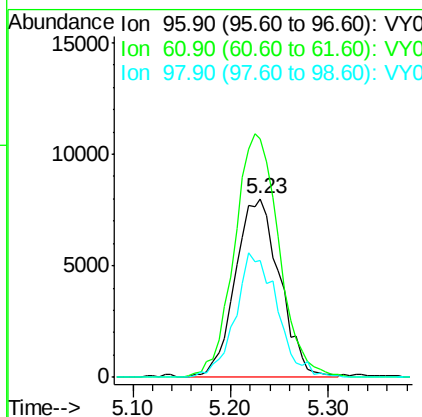
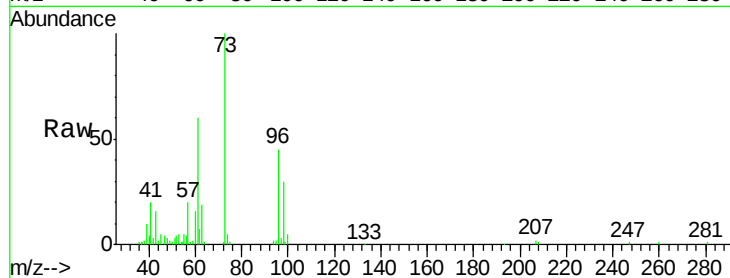
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	25265
Ion	Ratio	Lower	Upper
96	100		
61	132.6	106.3	159.5
98	65.8	50.8	76.2

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#22

Diisopropyl ether

Concen: 5.545 ug/l

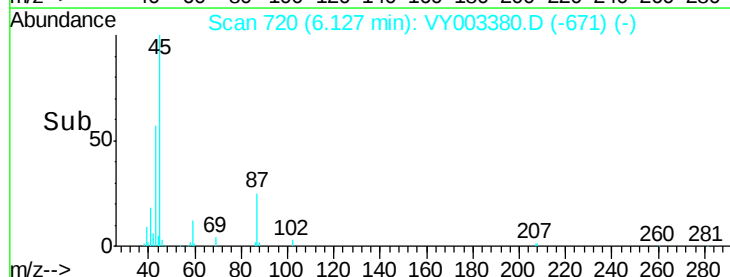
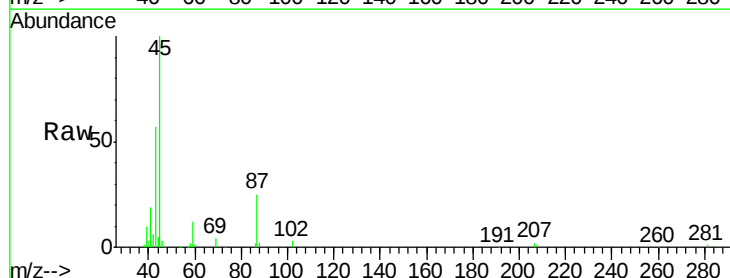
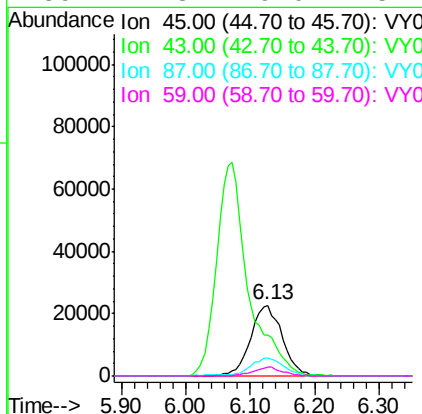
RT: 6.13 min Scan# 720

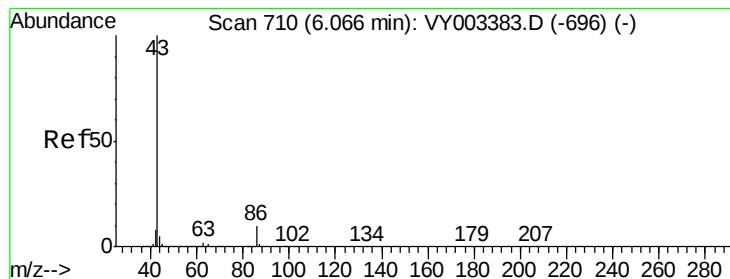
Delta R.T. -0.00 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Tgt Ion:	45	Resp:	76953
Ion	Ratio	Lower	Upper
45	100		
43	56.8	45.6	68.4
87	24.8	21.3	31.9
59	12.3	9.0	13.4





#23

Vinyl Acetate

Concen: 25.648 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 236732

Ion Ratio Lower Upper

43 100

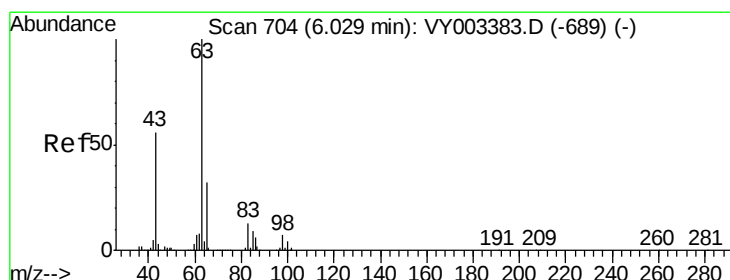
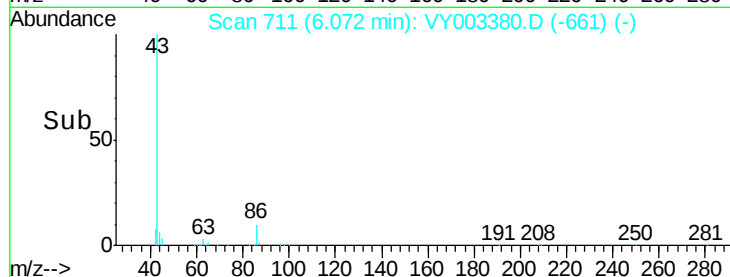
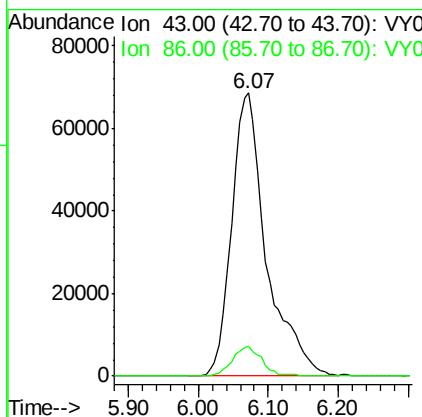
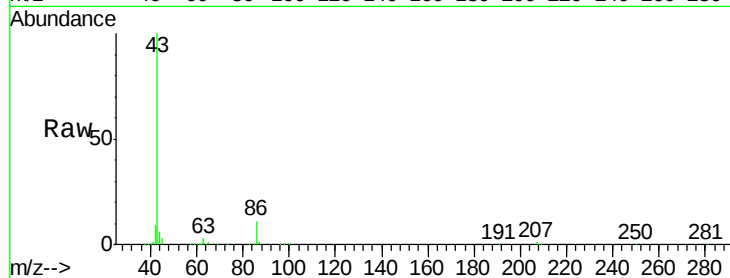
86 10.8 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 5.356 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

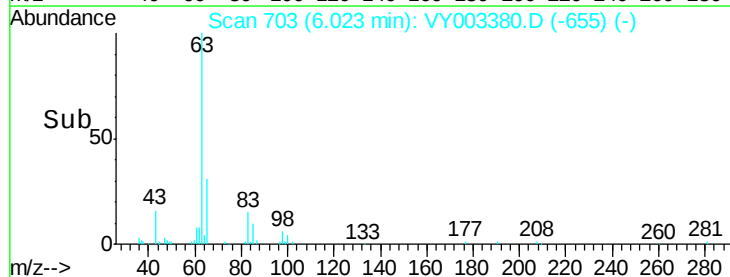
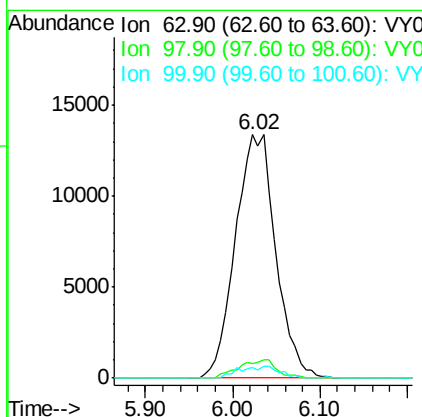
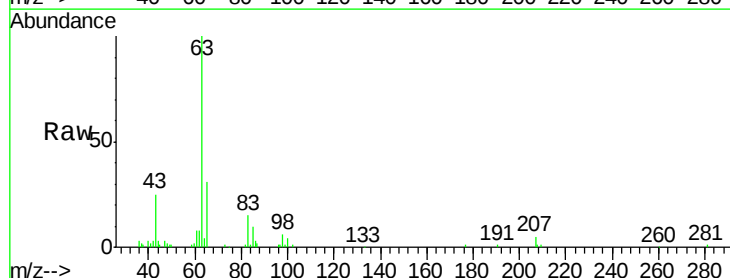
Tgt Ion: 63 Resp: 42865

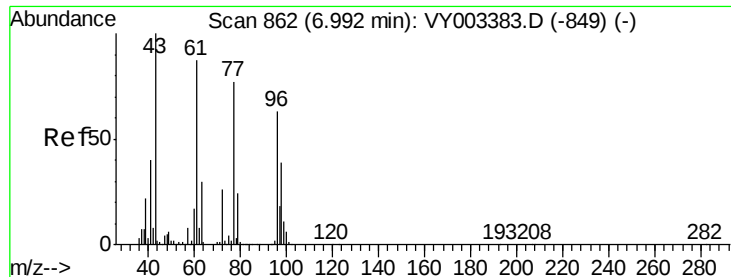
Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.6

100 4.3 2.2 6.6





#25

2-Butanone

Concen: 28.193 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 44338

Ion Ratio Lower Upper

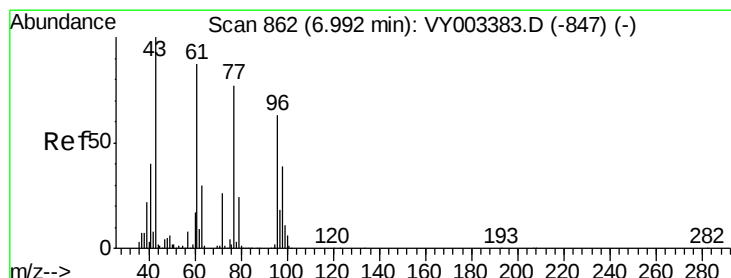
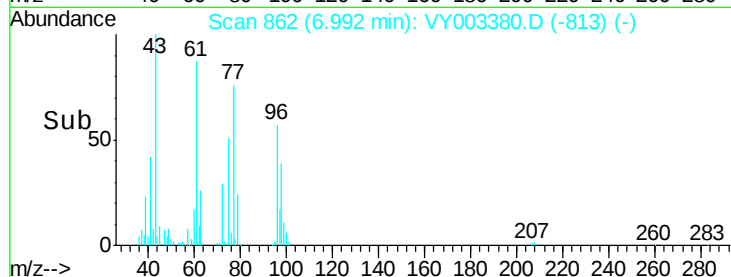
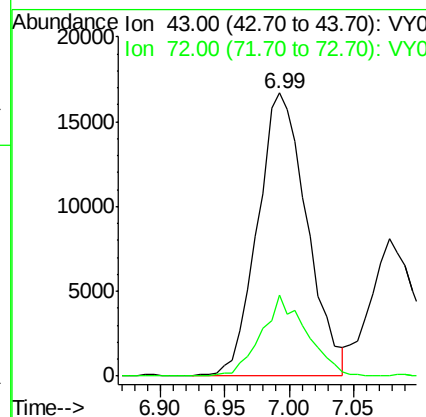
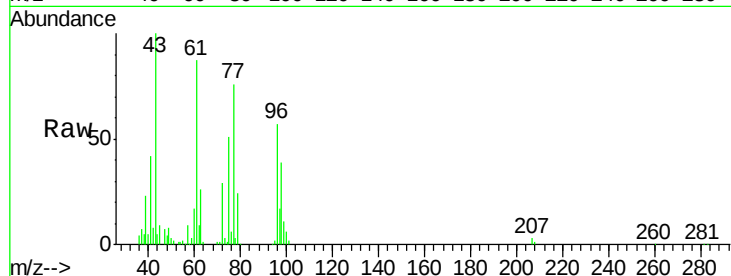
43 100

72 28.8 21.1 31.7

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 5.590 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003380.D

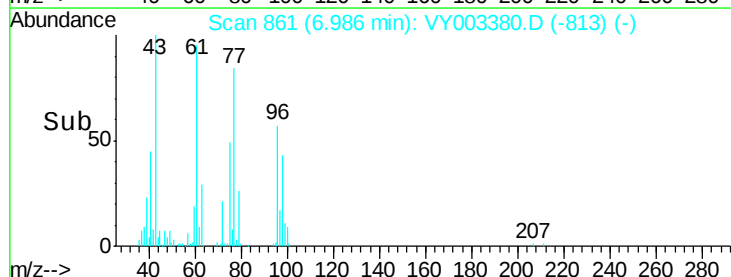
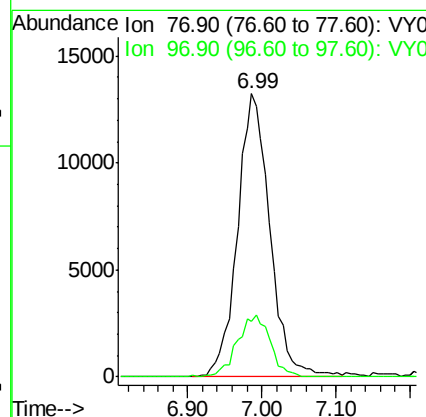
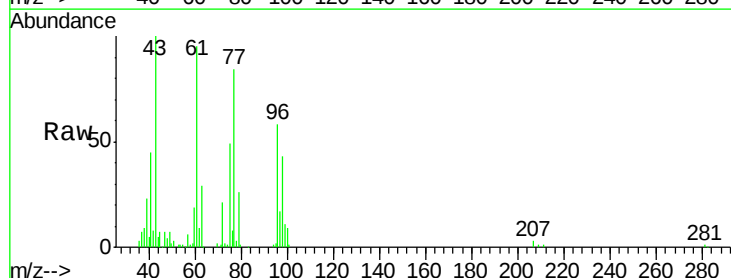
Acq: 31 Jul 2020 10:58

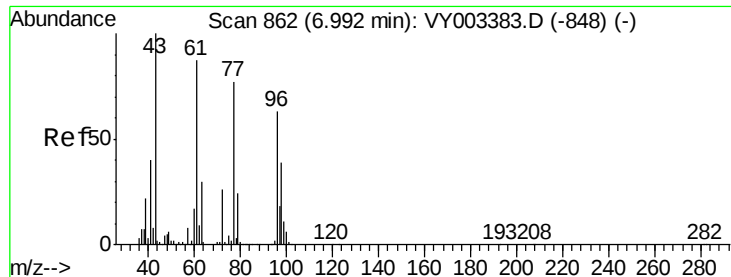
Tgt Ion: 77 Resp: 40262

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8





#27

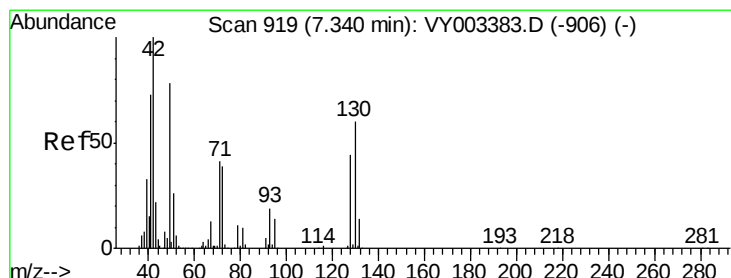
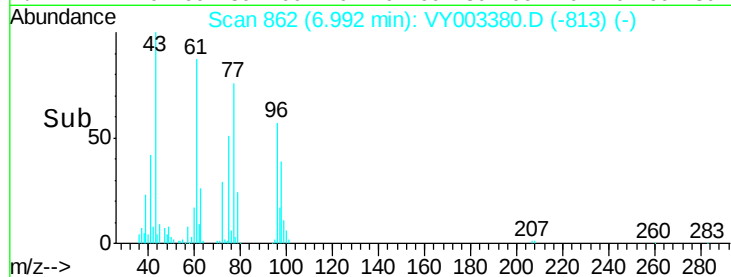
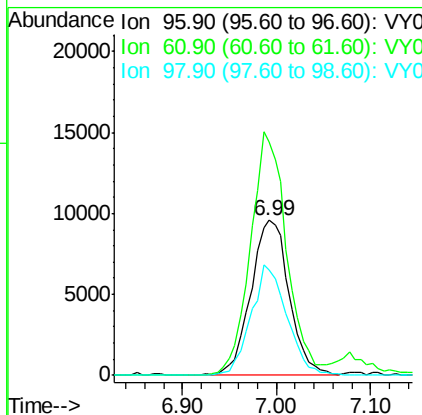
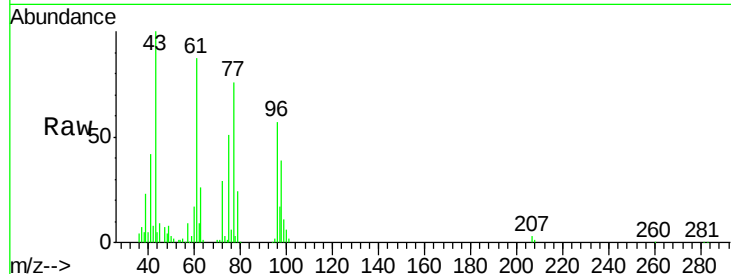
cis-1,2-Dichloroethene
Concen: 5.258 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	290.0
98	66.7	0.0	129.0

Manual Integrations
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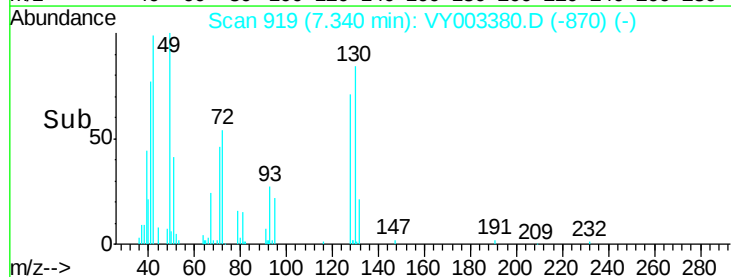
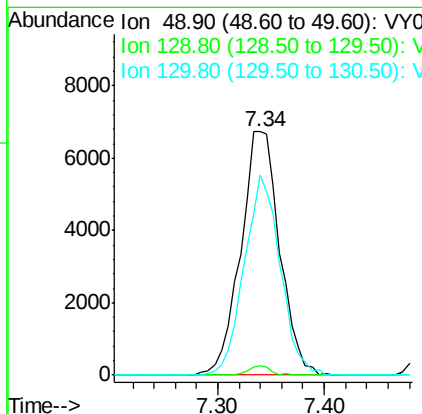
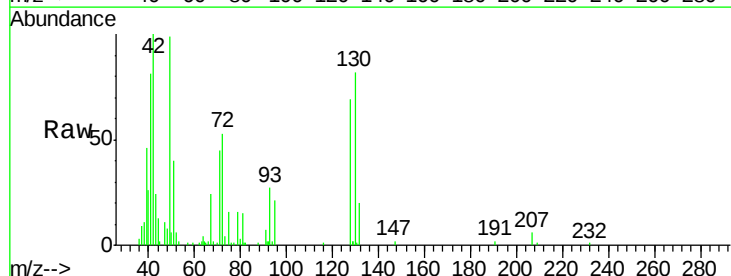
MMDadoda
8/3/2020 12:37:21 PM

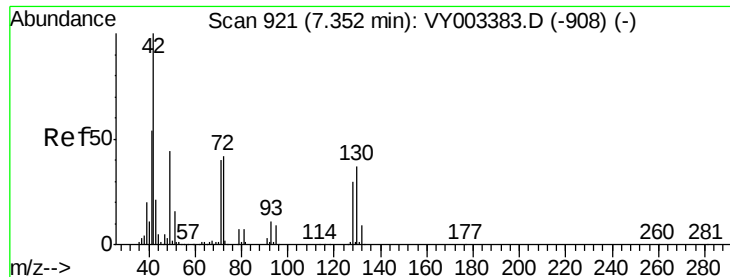


#28

Bromochloromethane
Concen: 5.152 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	75.6	60.3	90.5





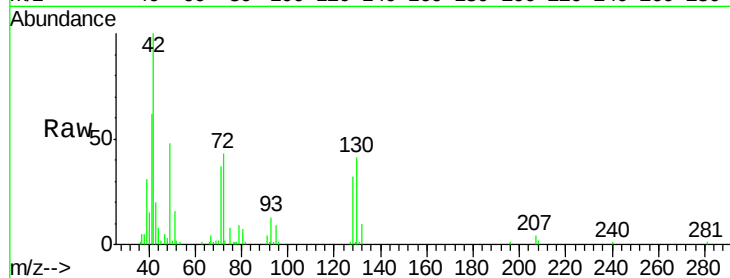
#29
Tetrahydrofuran
Concen: 27.554 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	33.5	50.3
71	39.8	32.1	48.1

Manual Integrations
APPROVED

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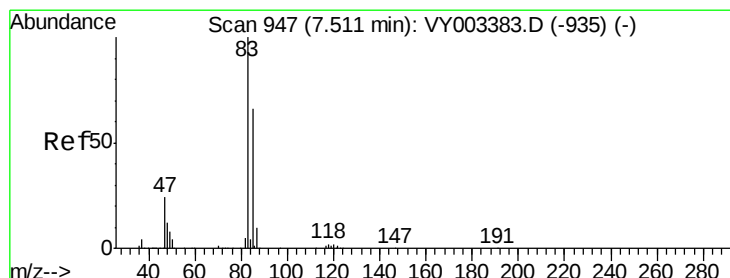
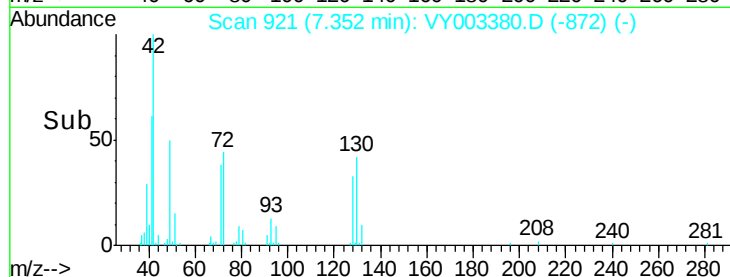
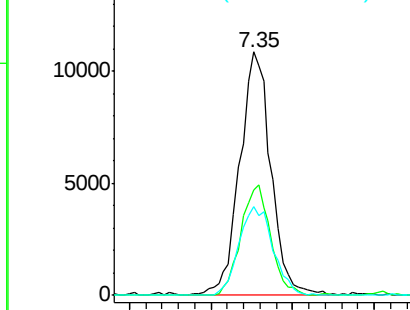


Abundance

Ion 42.00 (41.70 to 42.70): VY0

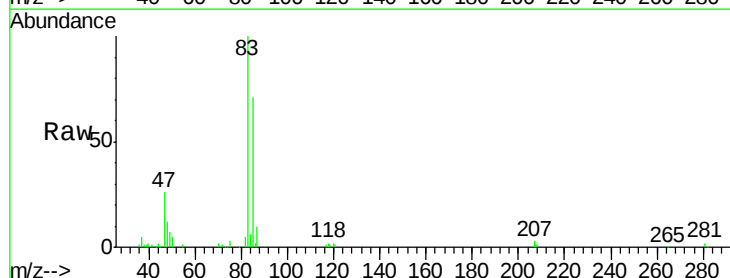
Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30
Chloroform
Concen: 5.229 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

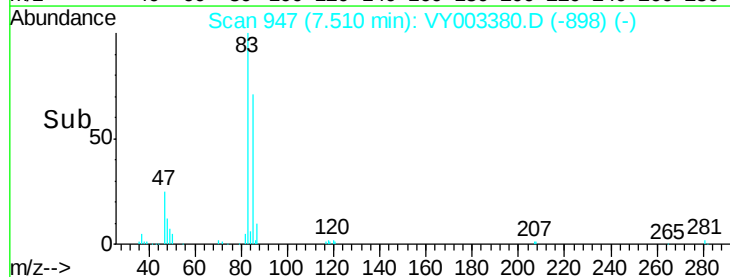
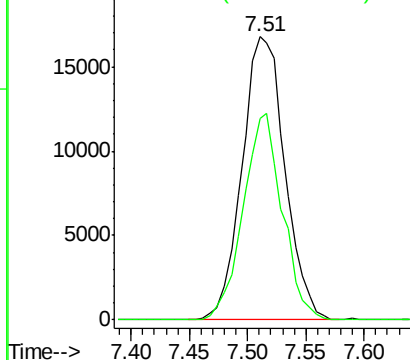
Tgt Ion	Ratio	Lower	Upper
83	100		
85	71.1	52.5	78.7

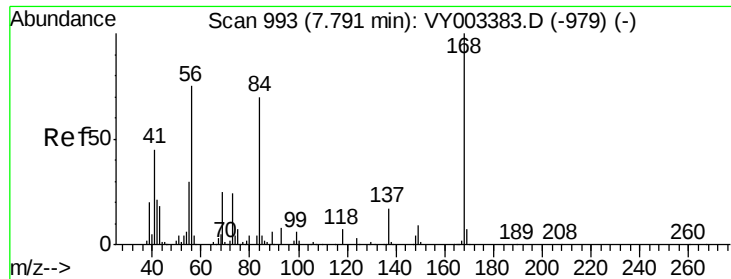


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





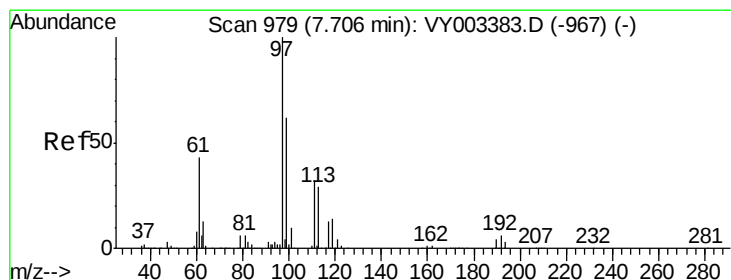
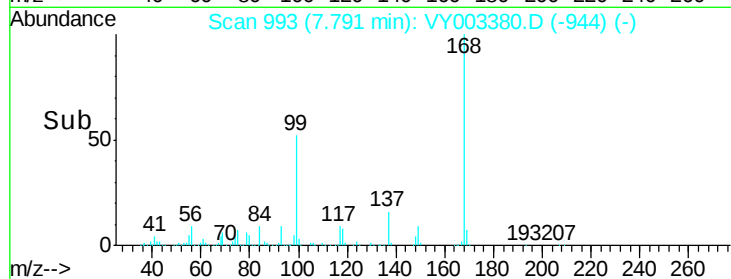
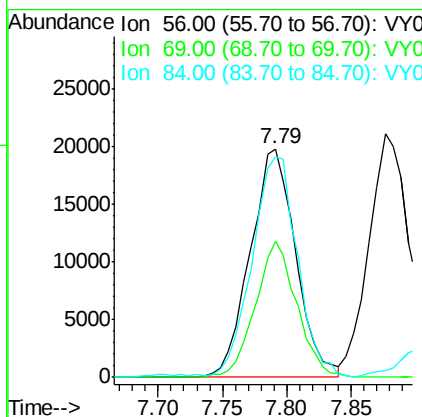
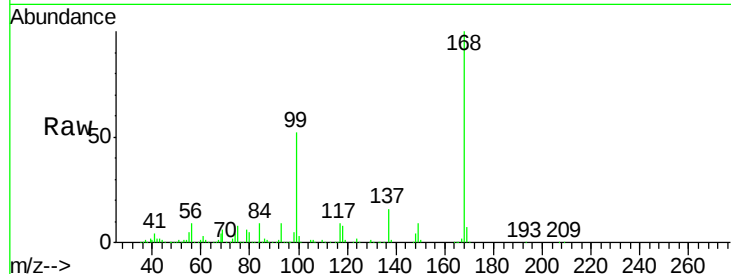
#31
Cyclohexane
Concen: 6.272 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	59.7	26.1	39.1#	
84	95.8	73.9	110.9	

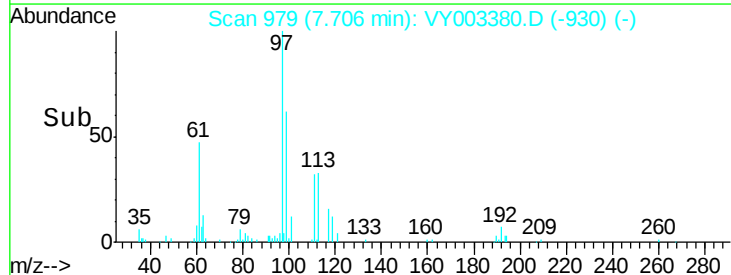
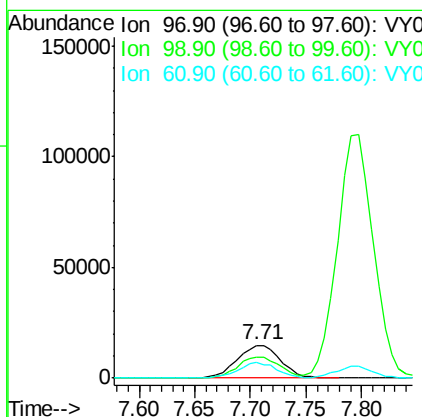
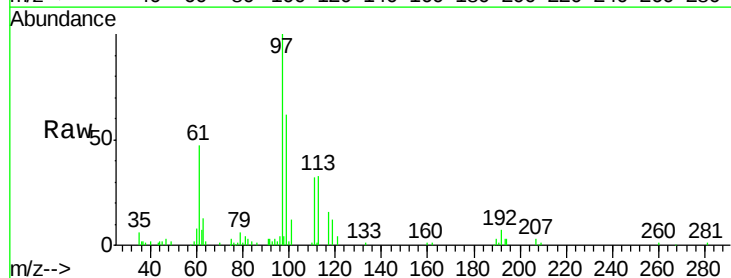
Manual Integrations
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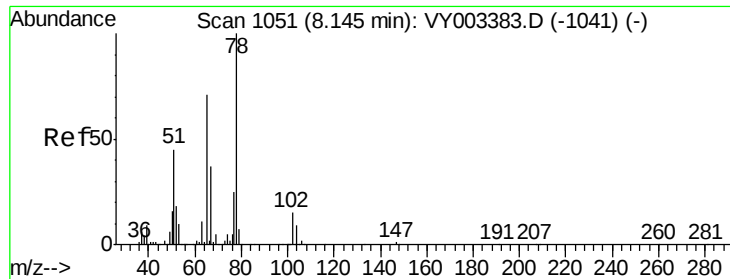
MMDadoda
8/3/2020 12:37:21 PM



#32
1,1,1-Trichloroethane
Concen: 5.365 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	62.6	50.9	76.3	
61	43.5	33.7	50.5	





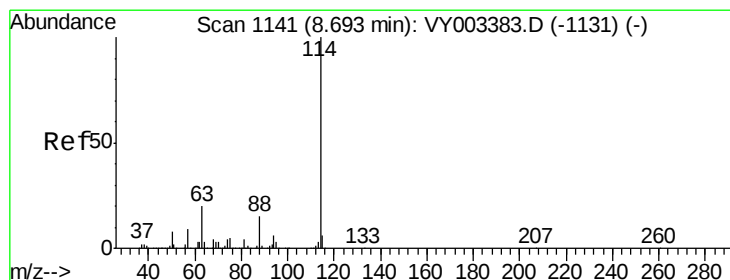
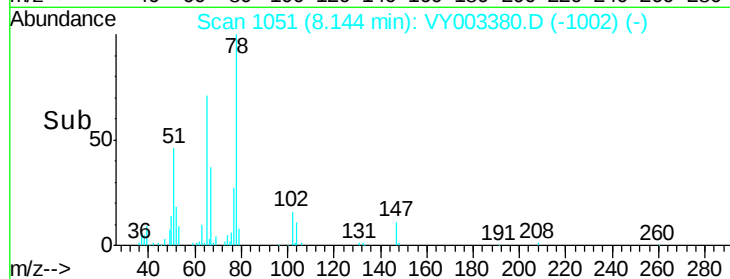
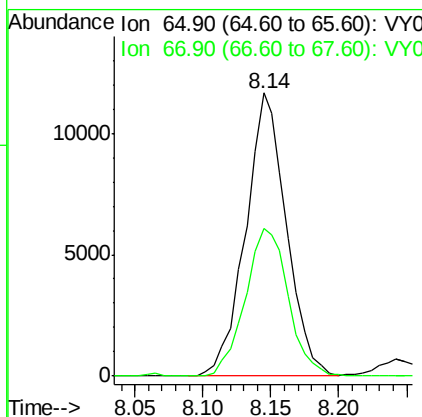
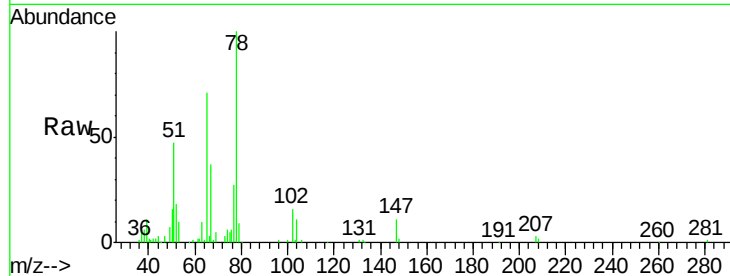
#33
 1,2-Dichloroethane-d4
 Concen: 5.645 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	106.6

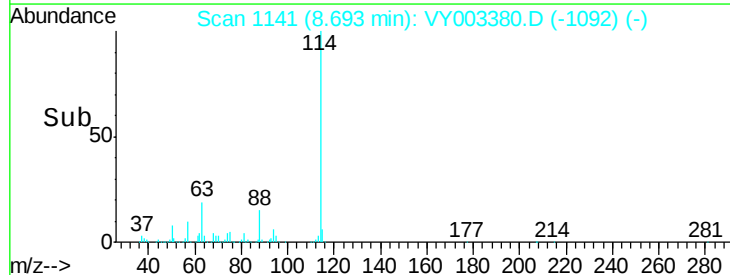
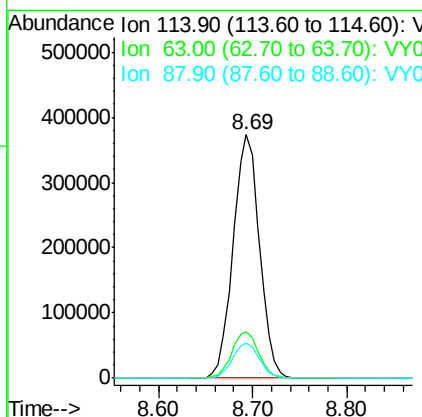
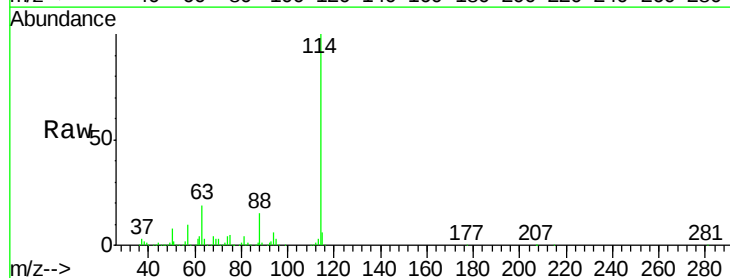
Manual Integrations
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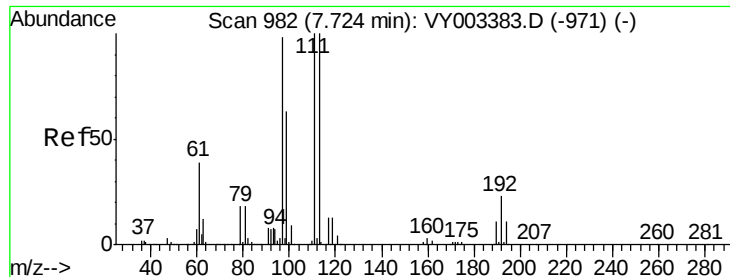
MMDadoda
 8/3/2020 12:37:21 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.6
88	14.5	0.0	29.2





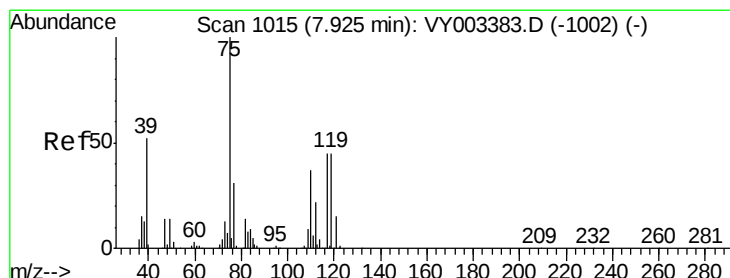
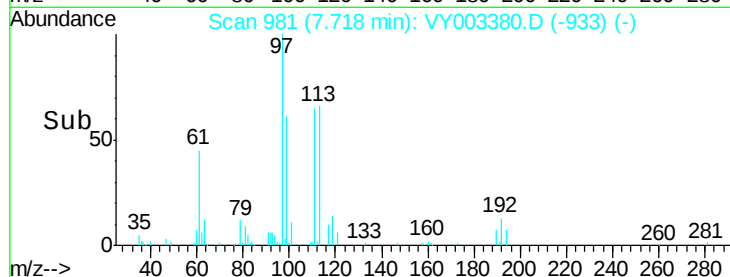
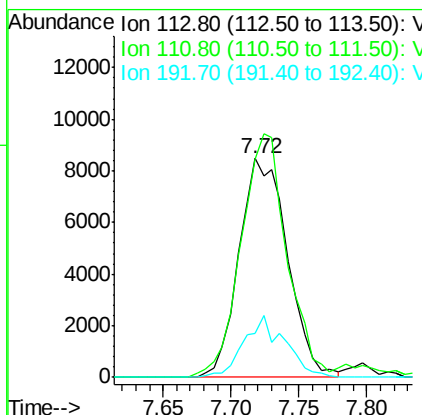
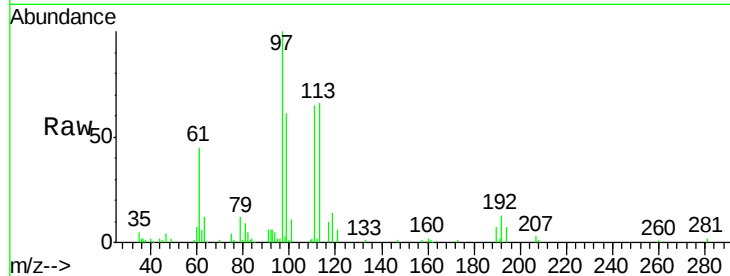
#35
 Dibromofluoromethane
 Concen: 4.946 ug/l
 RT: 7.72 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	83.0	124.4
192	23.7	18.8	28.2

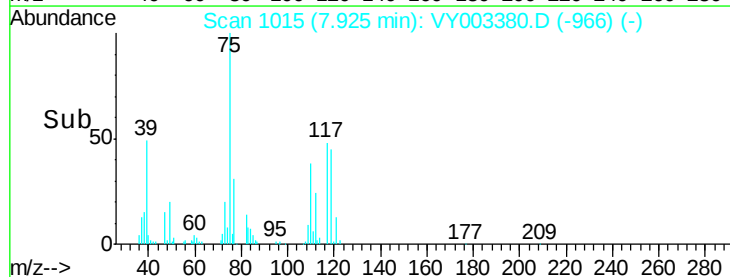
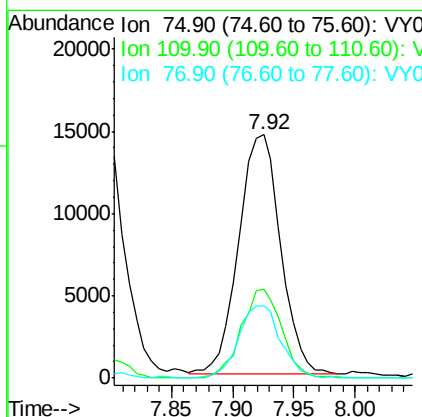
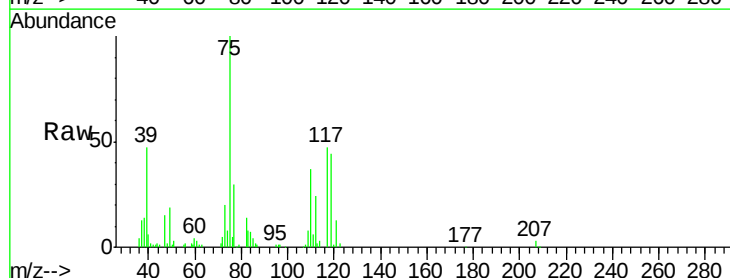
Manual Integrations
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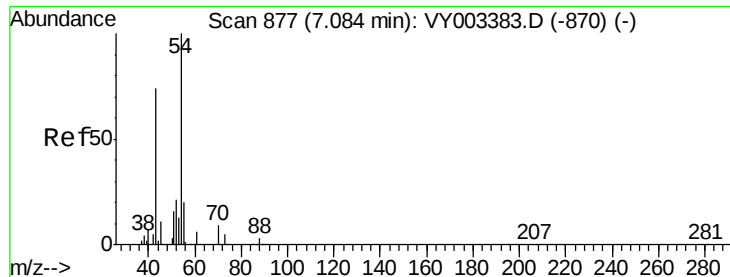
MMDadoda
 8/3/2020 12:37:21 PM



#36
 1,1-Dichloropropene
 Concen: 5.209 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.8	53.5
77	30.0	24.6	36.8





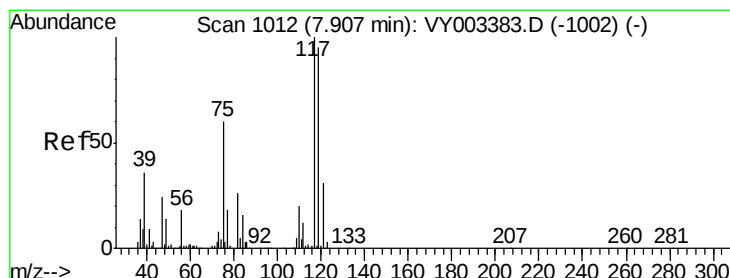
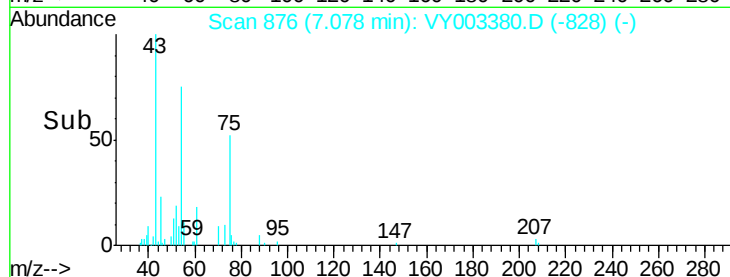
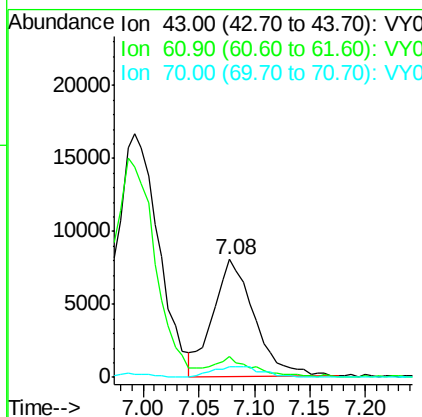
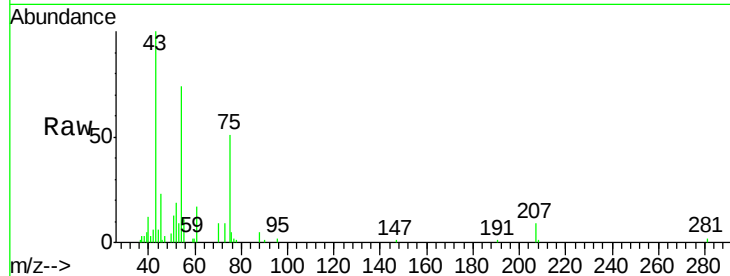
#37
Ethyl Acetate
Concen: 5.678 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.7	11.2	16.8
70	11.5	7.7	11.5

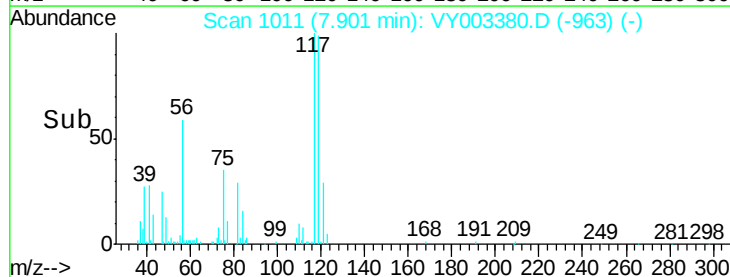
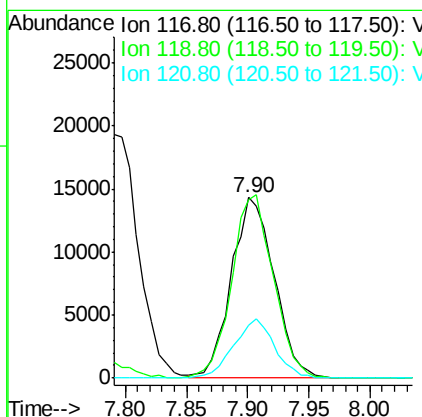
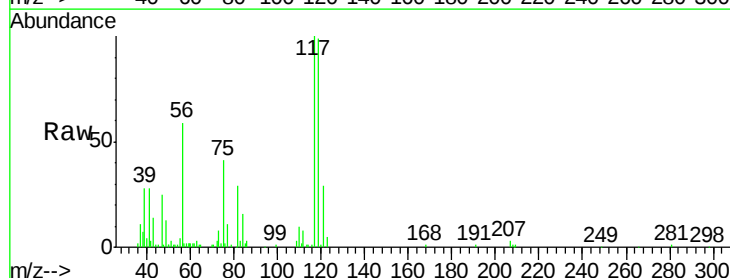
Manual Integrations
APPROVED

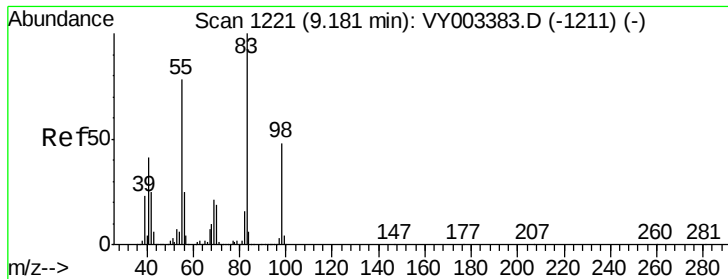
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#38
Carbon Tetrachloride
Concen: 5.037 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.1	114.1
121	29.4	24.5	36.7





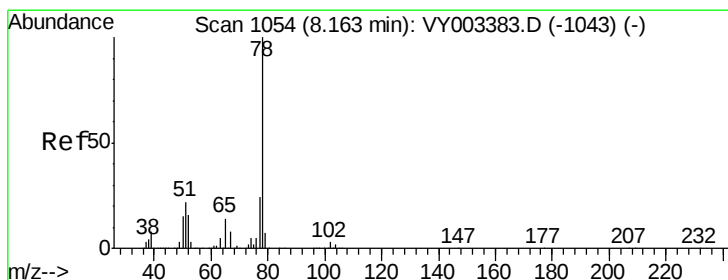
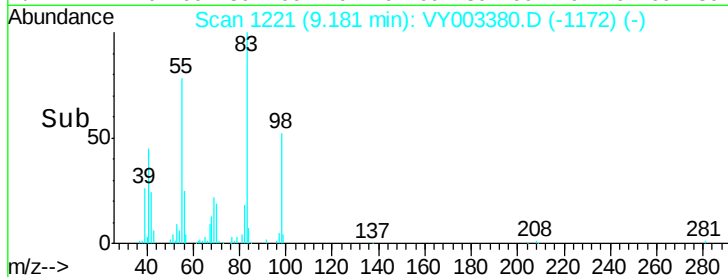
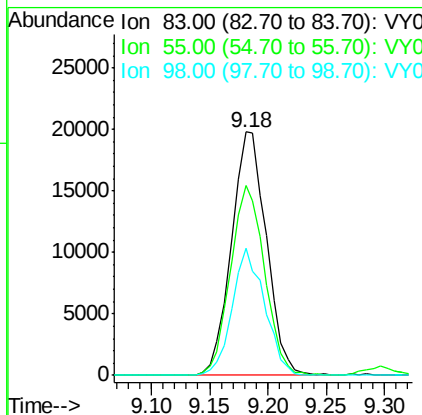
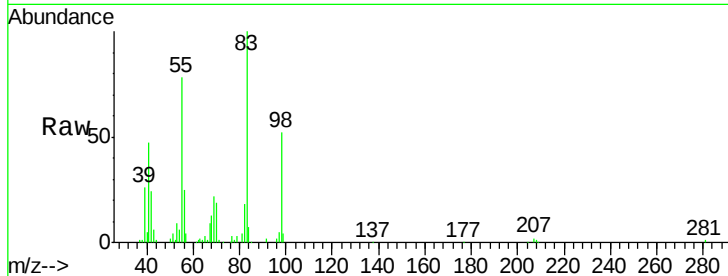
#39
Methvlcvclohexane
Concen: 4.942 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	62.2	93.4
98	52.1	38.7	58.1

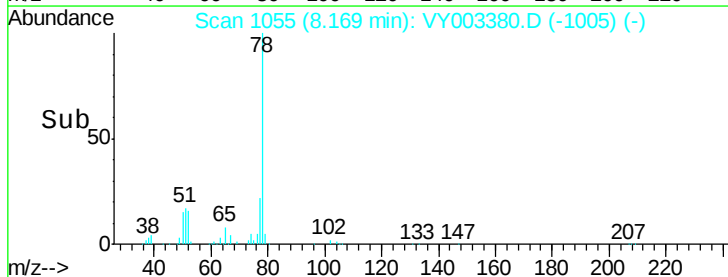
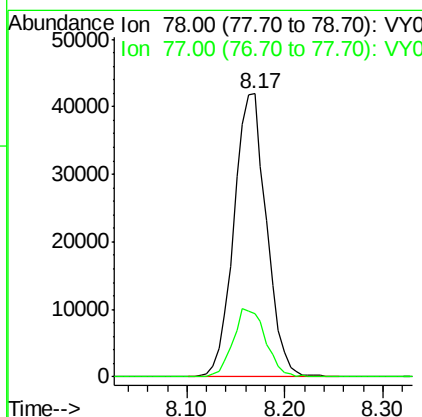
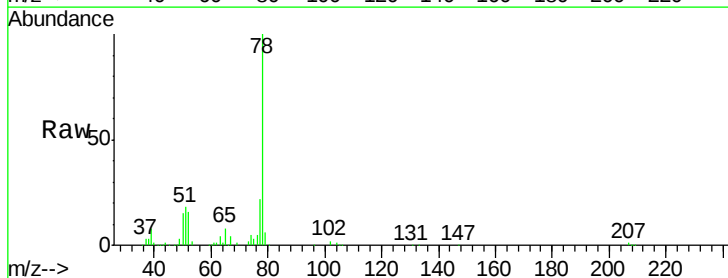
Manual Integrations
APPROVED

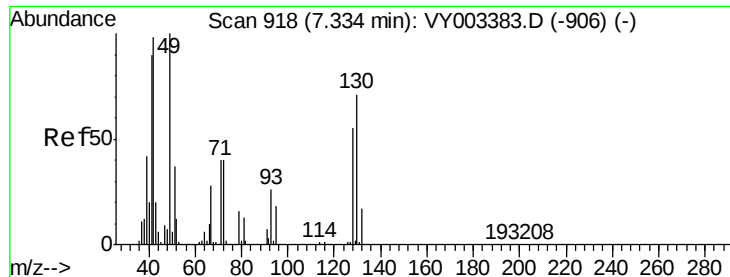
MMDadoda
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#40
Benzene
Concen: 5.236 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.5	29.3





#41

Methacrylonitrile

Concen: 4.432 ug/l m

RT: 7.32 min Scan# 915

Delta R.T. -0.02 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 9723

Ion Ratio Lower Upper

41 100

39 0.0 78.3 117.5#

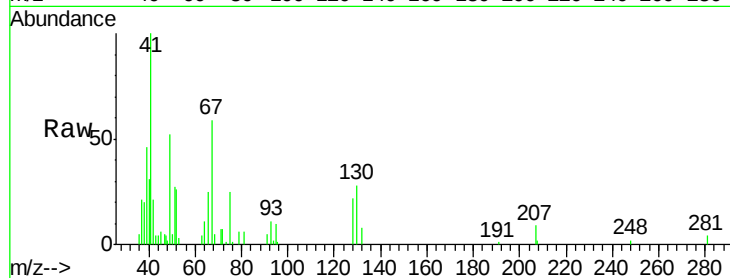
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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8/3/2020 12:37:21 PM

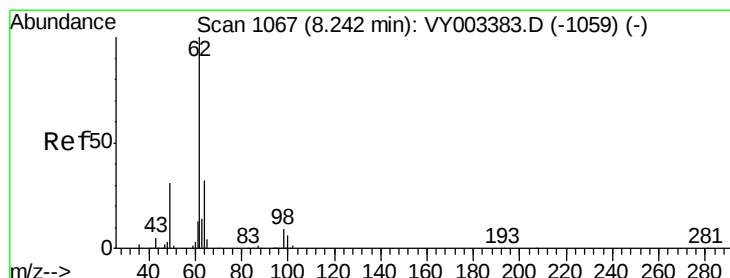
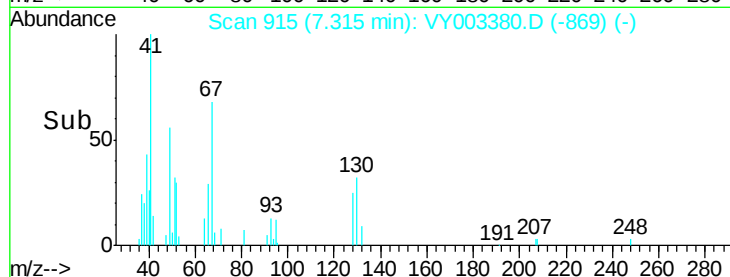
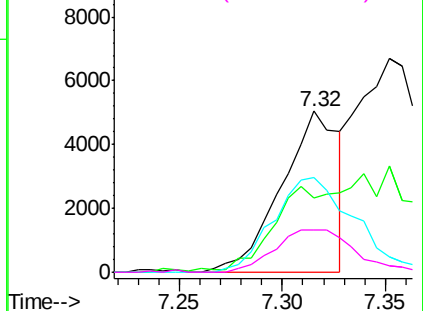


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 5.206 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003380.D

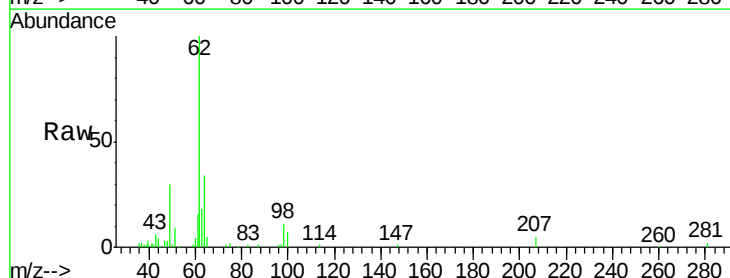
Acq: 31 Jul 2020 10:58

Tgt Ion: 62 Resp: 29525

Ion Ratio Lower Upper

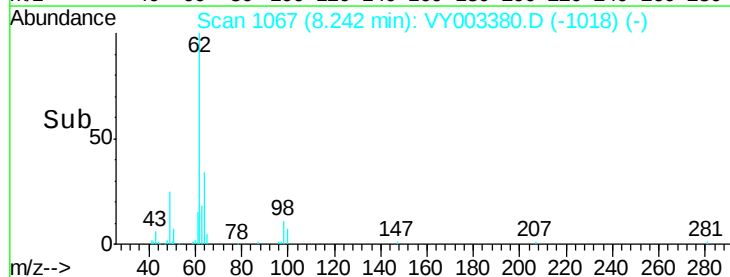
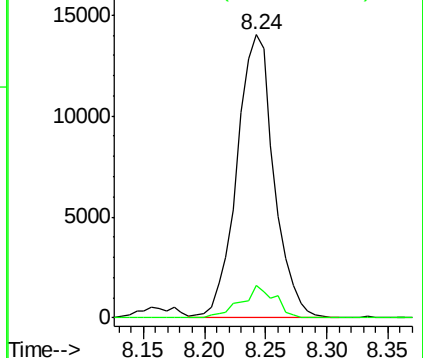
62 100

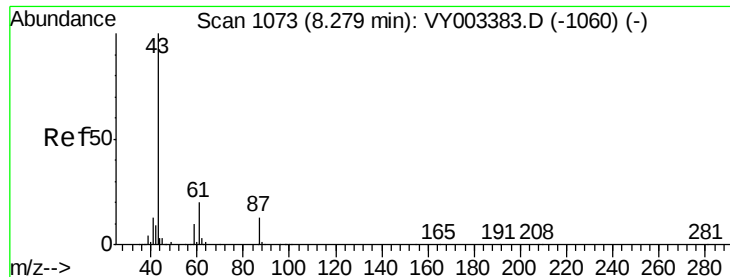
98 10.4 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 5.363 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Instrument :

MSVOA_Y

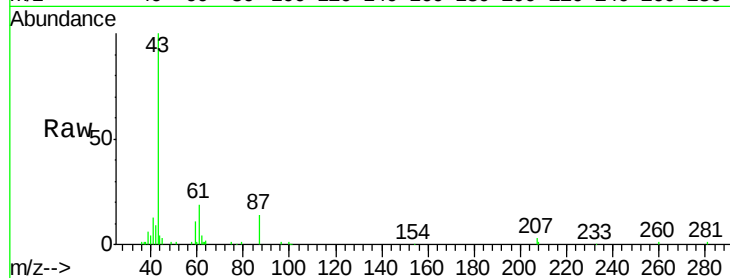
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	37494
Ion	Ratio	Lower	Upper
43	100		
61	19.2	23.0	34.4#
87	13.1	10.5	15.7

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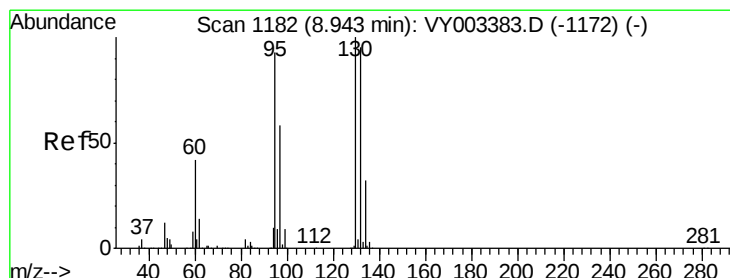
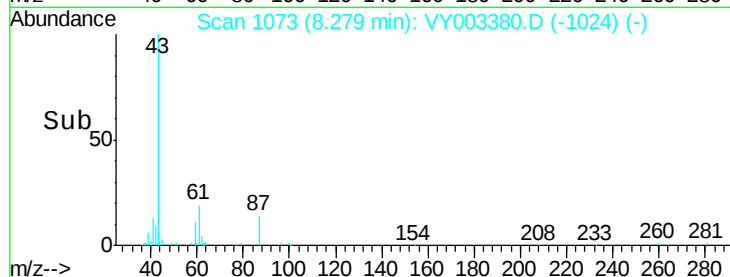
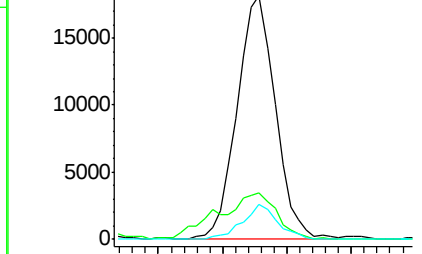
MMDadoda
8/3/2020 12:37:21 PM



Abundance Ion 43.00 (42.70 to 43.70): VY003380.D (-1060) (-)

Ion 61.00 (60.70 to 61.70): VY003380.D (-1060) (-)

Ion 87.00 (86.70 to 87.70): VY003380.D (-1060) (-)



#44

Trichloroethene

Concen: 4.869 ug/l

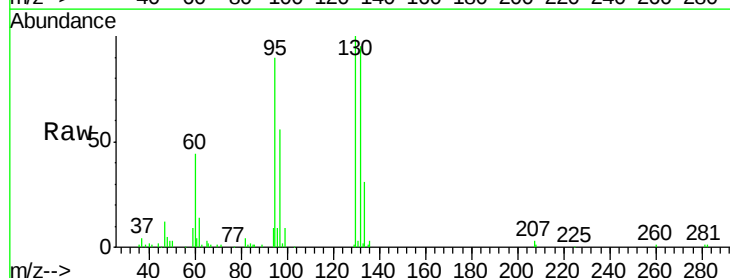
RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003380.D

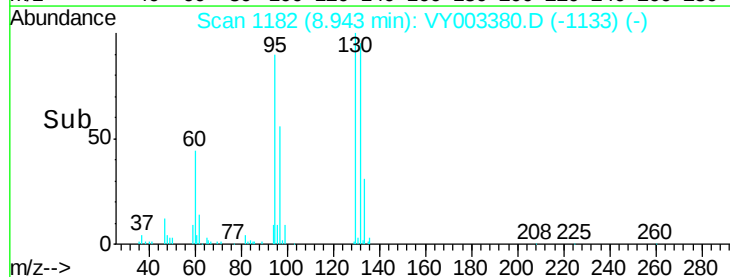
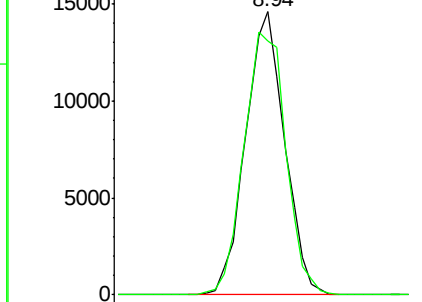
Acq: 31 Jul 2020 10:58

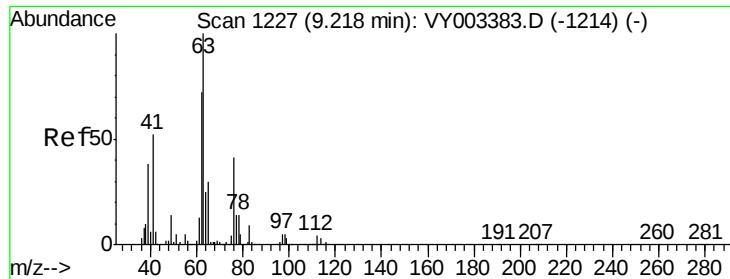
Tgt Ion:	130	Resp:	27319
Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	186.8



Abundance Ion 129.80 (129.50 to 130.50): VY003380.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY003380.D (-1172) (-)





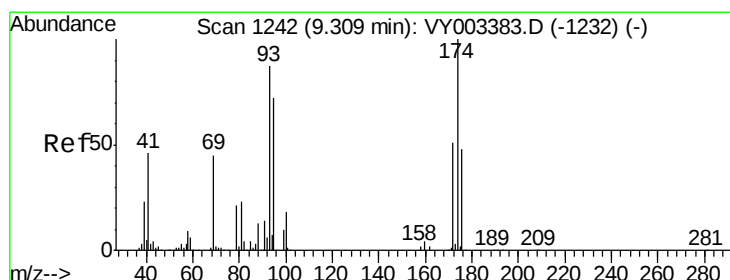
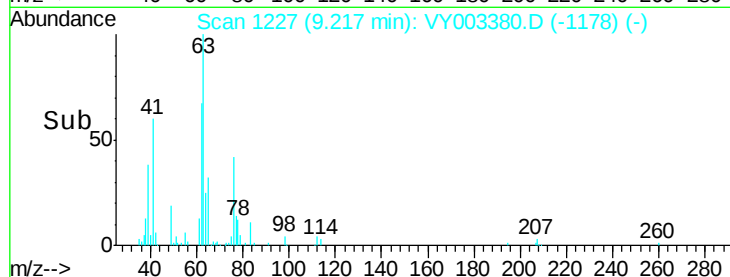
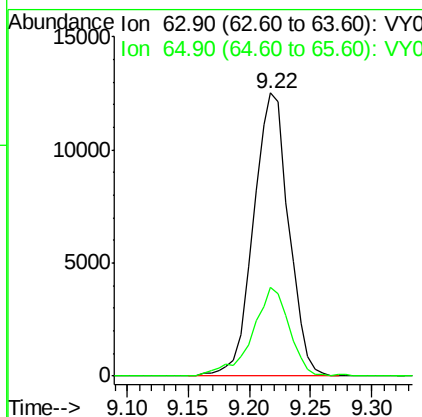
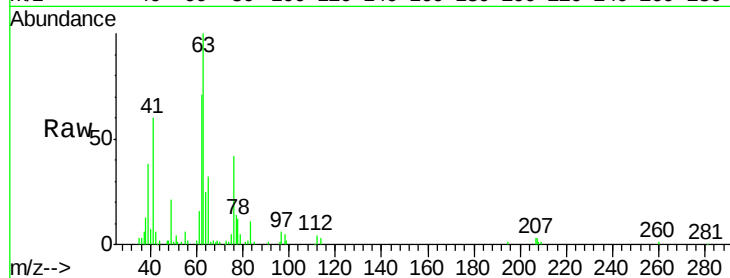
#45
 1,2-Dichloropropane
 Concen: 5.234 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	23.8	35.8

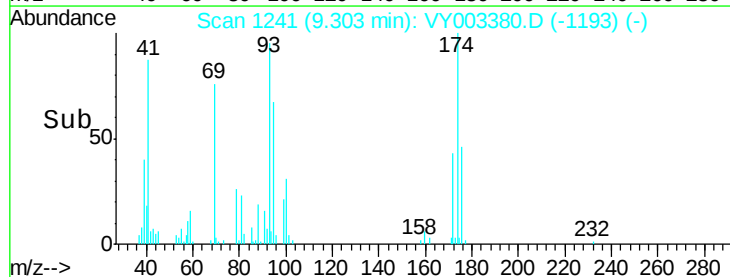
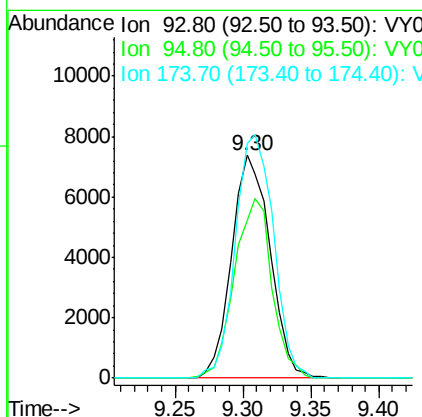
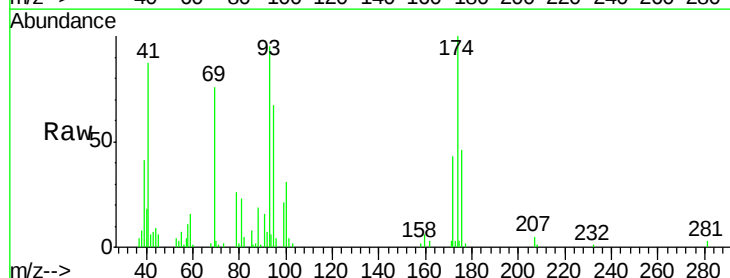
Manual Integrations
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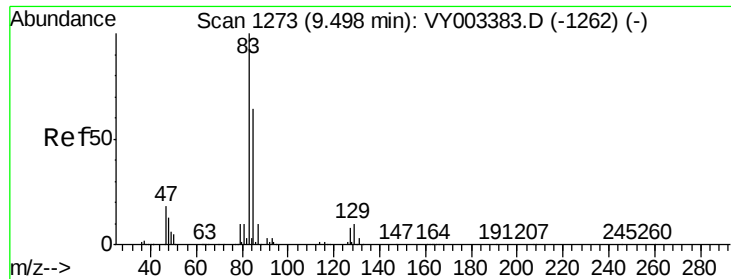
MMDadoda
 8/3/2020 12:37:21 PM



#46
 Dibromomethane
 Concen: 5.291 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	78.3	65.4	98.0
174	108.3	88.6	133.0





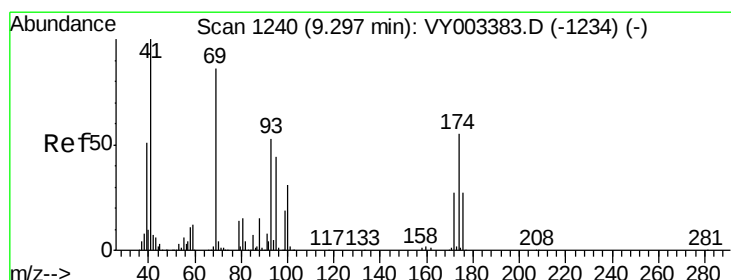
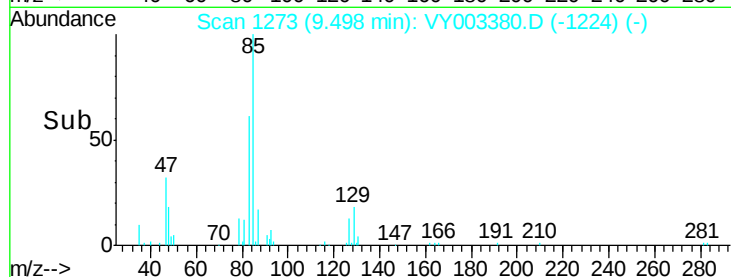
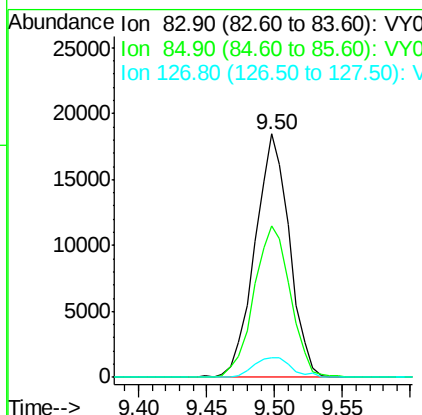
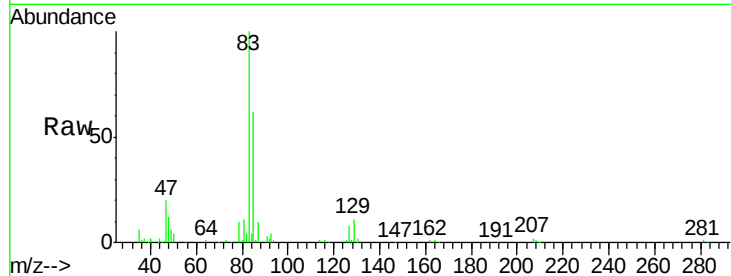
#47
Bromodichloromethane
Concen: 4.956 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.6	77.4
127	8.3	6.5	9.7

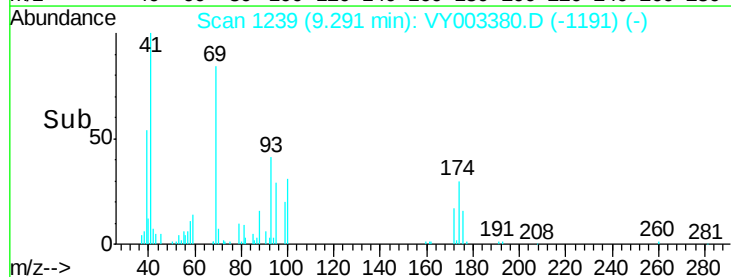
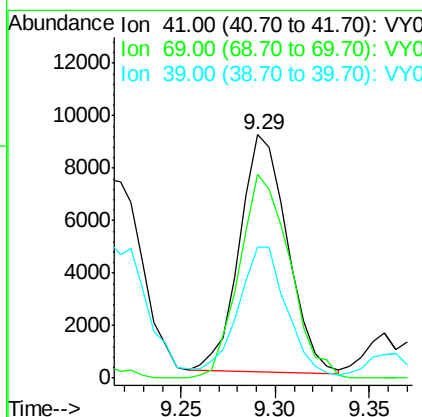
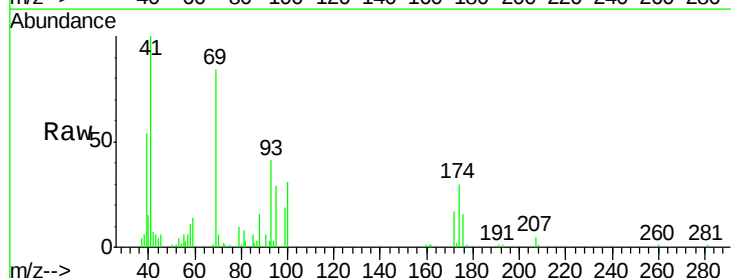
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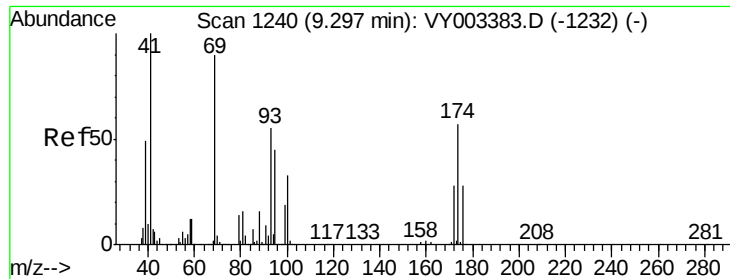
MMDadoda
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#48
Methyl methacrylate
Concen: 5.070 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.2	68.9	103.3
39	57.2	43.1	64.7





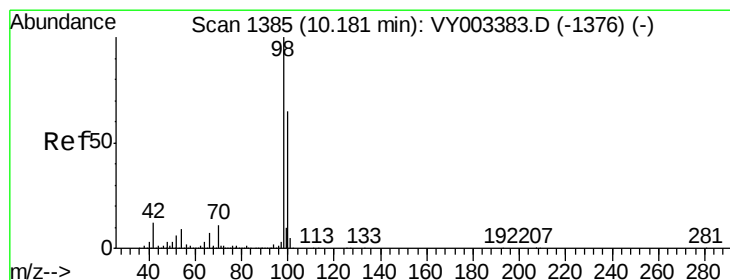
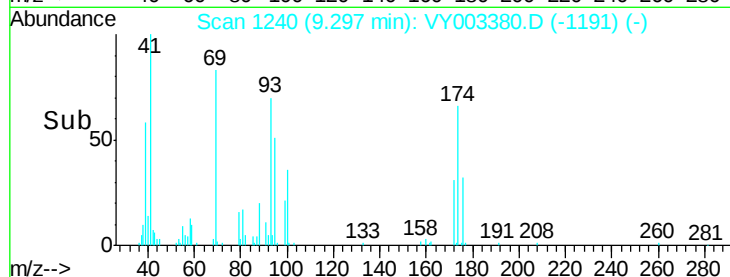
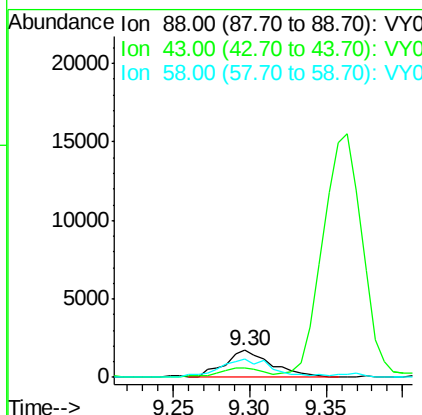
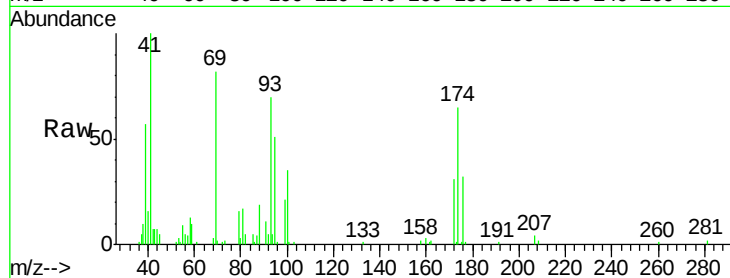
#49
1,4-Dioxane
Concen: 104.250 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	24.9	37.3
58	74.3	54.3	81.5

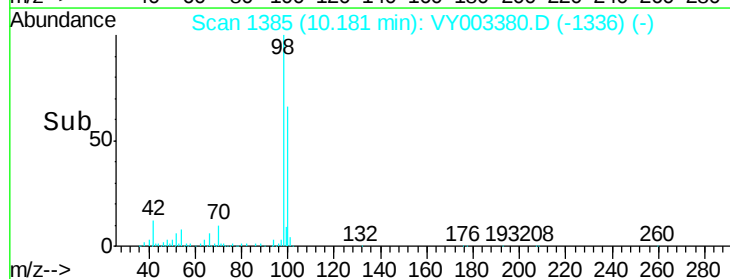
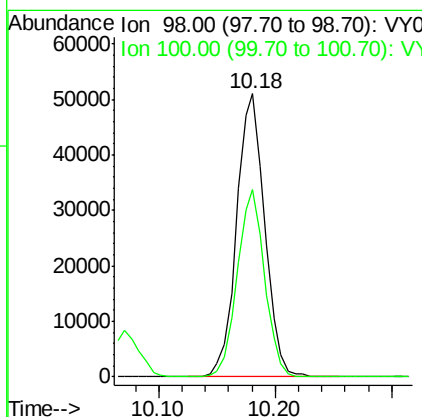
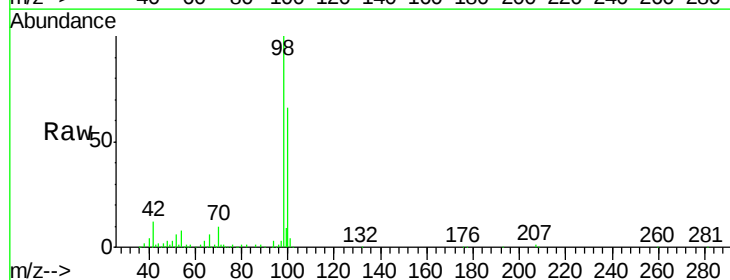
Manual Integrations
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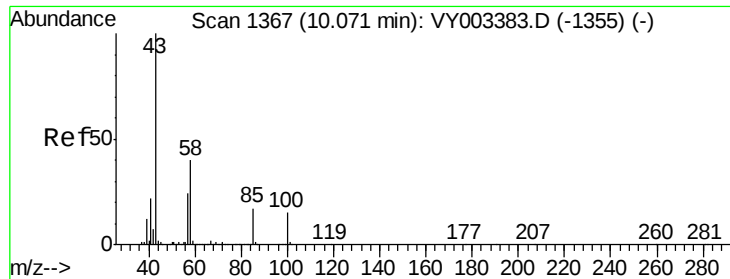
MMDadoda
8/3/2020 12:37:21 PM



#50
Toluene-d8
Concen: 5.329 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.3	76.9





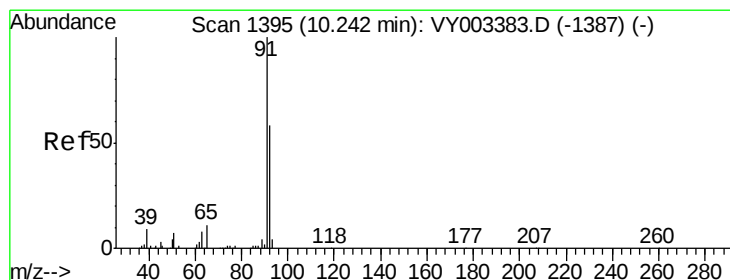
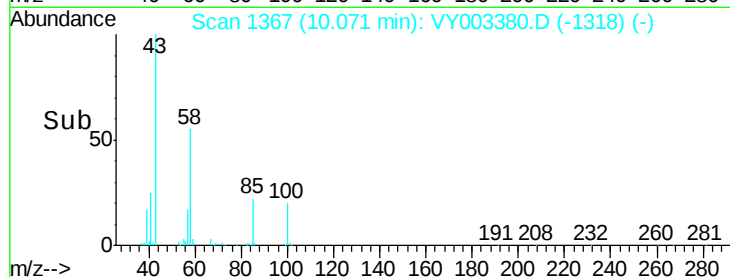
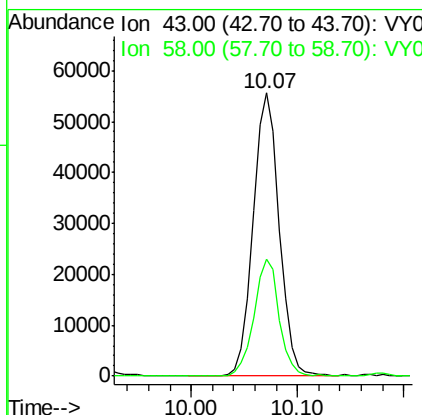
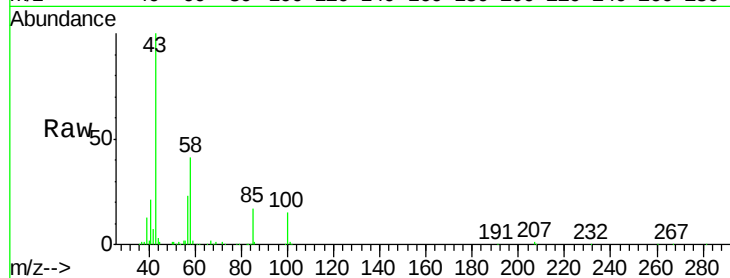
#51
4-Methyl-2-Pentanone
Concen: 26.304 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	43	Resp	95638
Ion Ratio	43	100	
Lower	58	40.0	31.6
Upper			47.4

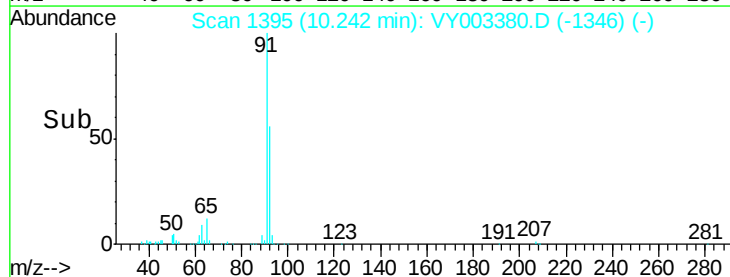
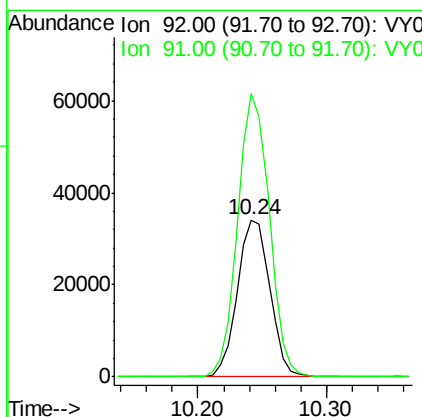
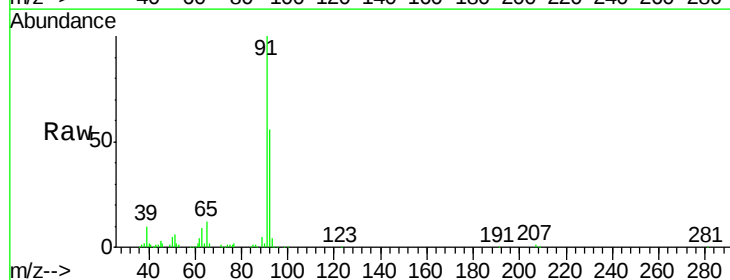
Manual Integrations
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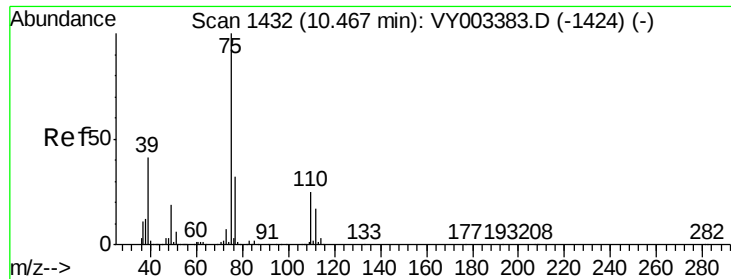
MMDadoda
8/3/2020 12:37:21 PM



#52
Toluene
Concen: 5.047 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	92	Resp	59510
Ion Ratio	92	100	
Lower	91	176.2	139.4
Upper			209.0





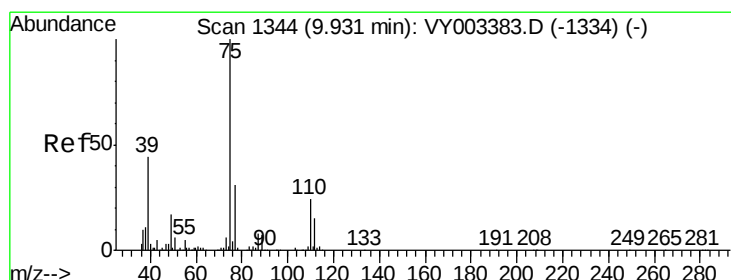
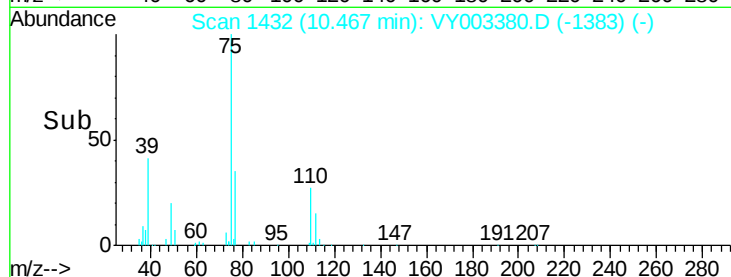
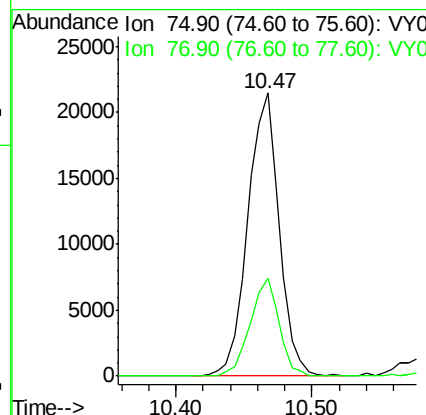
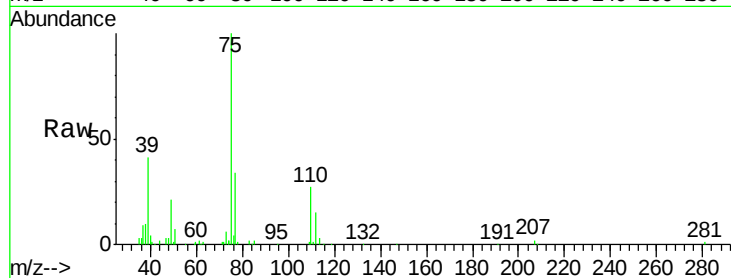
#53
 t-1,3-Dichloropropene
 Concen: 5.032 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion: 75 Resp: 34566
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.4 38.2

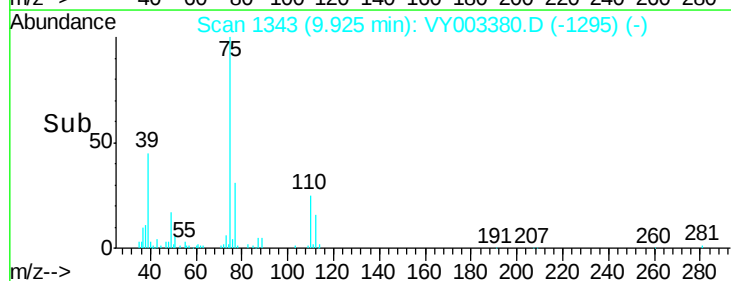
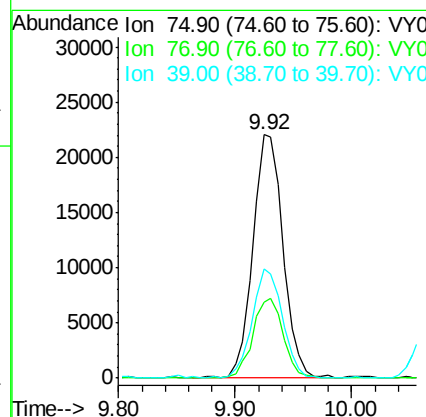
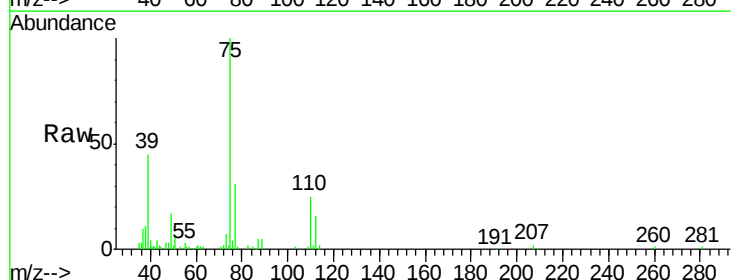
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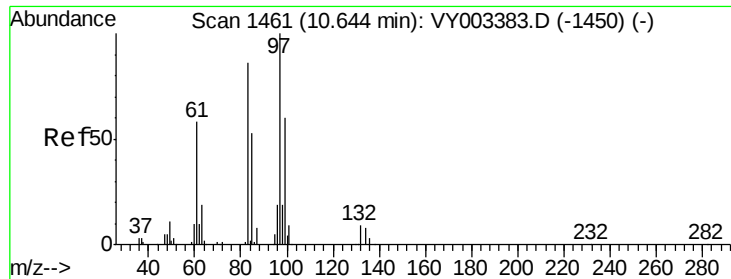
MMDadoda
 8/3/2020 12:37:21 PM



#54
 cis-1,3-Dichloropropene
 Concen: 5.049 ug/l
 RT: 9.92 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Tgt Ion: 75 Resp: 39984
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.8 37.2
 39 44.9 34.8 52.2





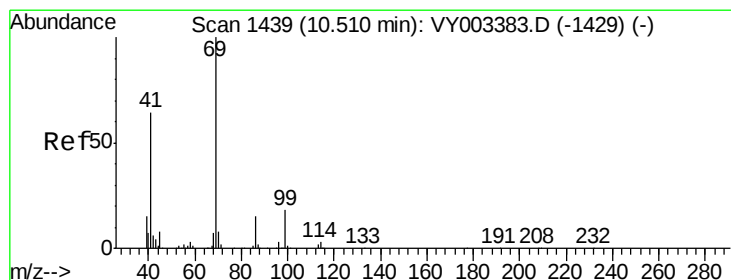
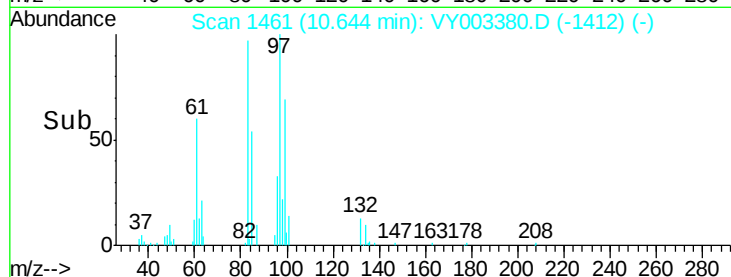
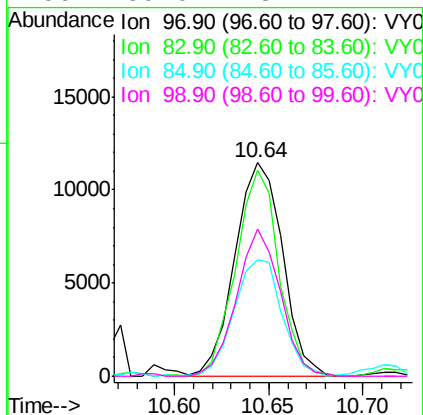
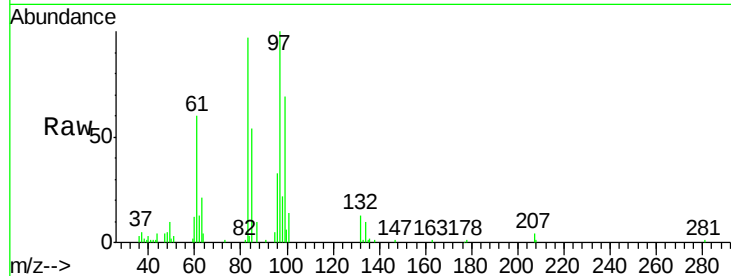
#55
 1,1,2-Trichloroethane
 Concen: 5.094 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	20070
Ion	Ratio	Lower	Upper
97	100		
83	96.7	69.1	103.7
85	53.5	42.5	63.7
99	69.0	48.2	72.4

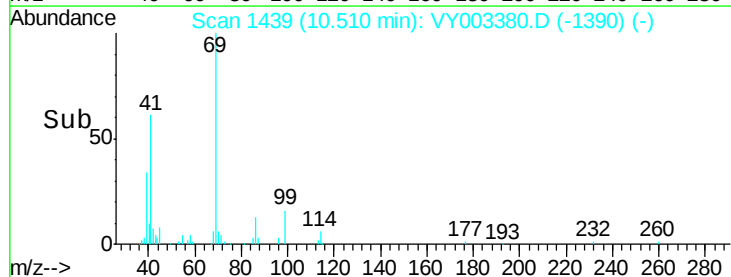
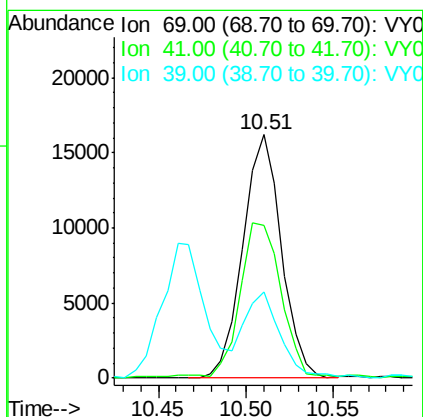
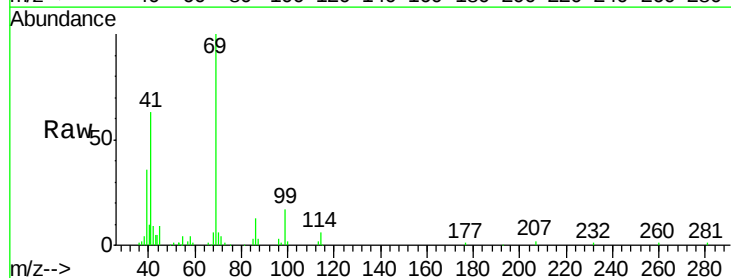
Manual Integrations
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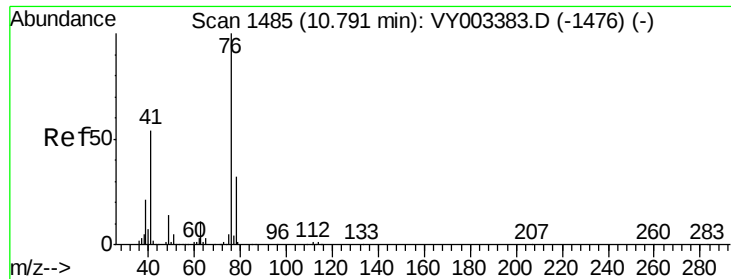
MMDadoda
 8/3/2020 12:37:21 PM



#56
 Ethyl methacrylate
 Concen: 4.648 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Tgt Ion:	69	Resp:	24807
Ion	Ratio	Lower	Upper
69	100		
41	69.7	52.2	78.4
39	33.4	24.7	37.1





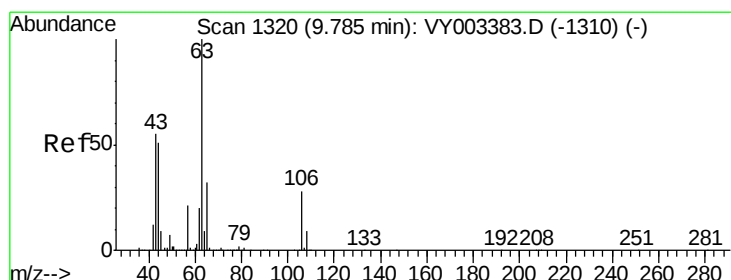
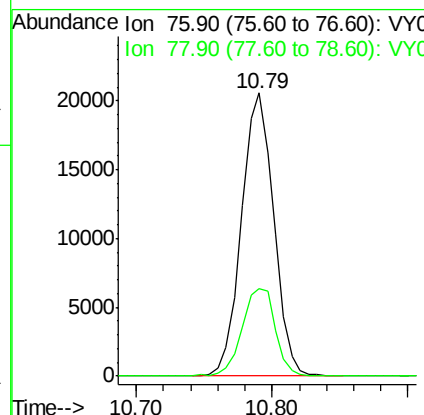
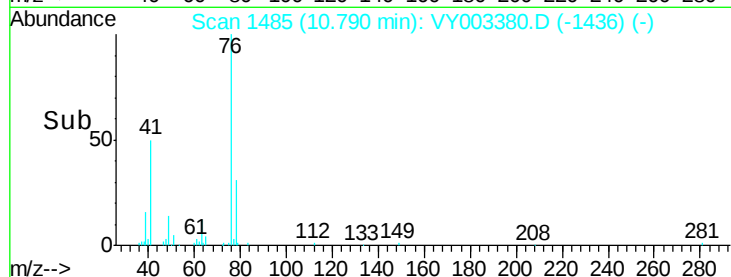
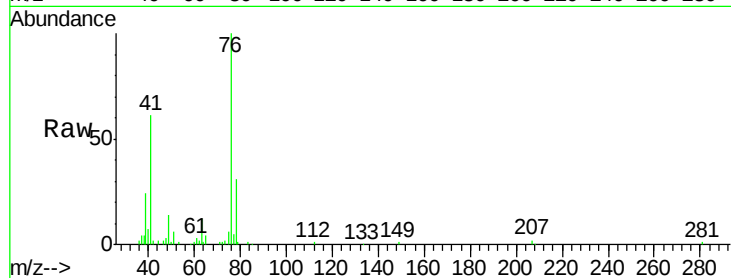
#57
 1,3-Dichloropropane
 Concen: 5.101 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion: 76 Resp: 34083
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1

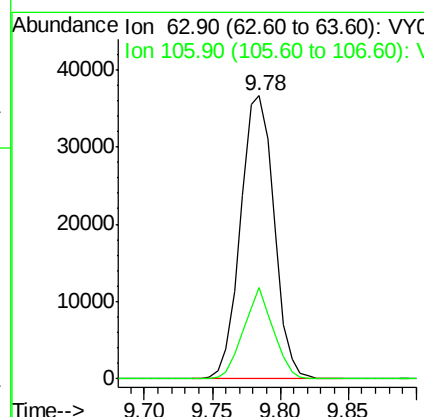
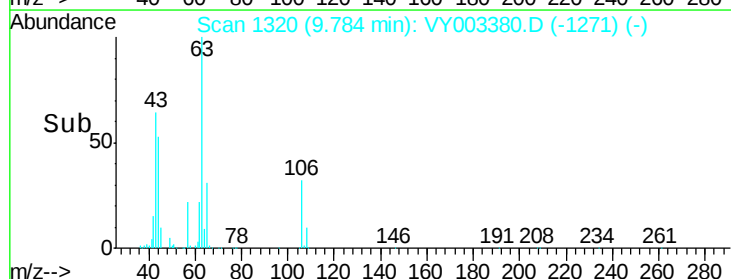
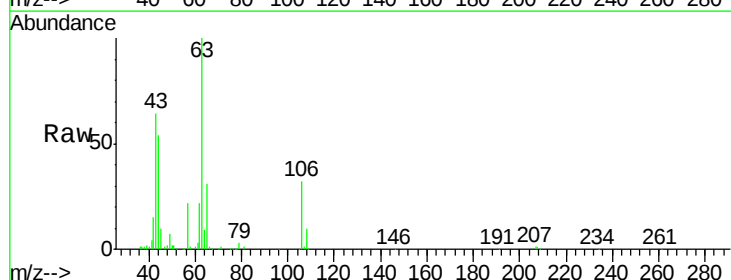
Manual Integrations
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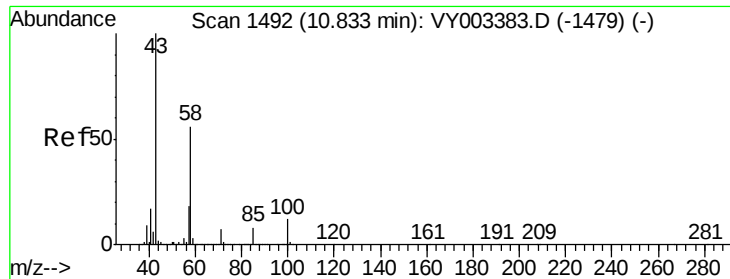
MMDadoda
 8/3/2020 12:37:21 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 23.835 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Tgt Ion: 63 Resp: 63251
 Ion Ratio Lower Upper
 63 100
 106 28.7 21.8 32.6





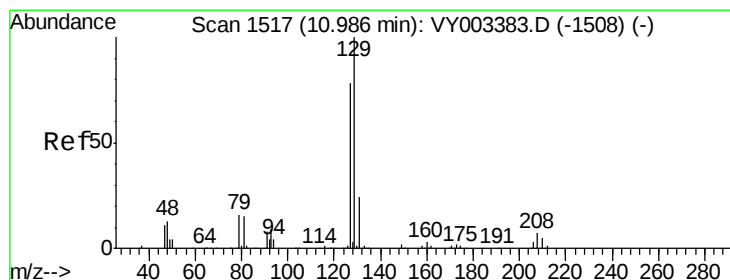
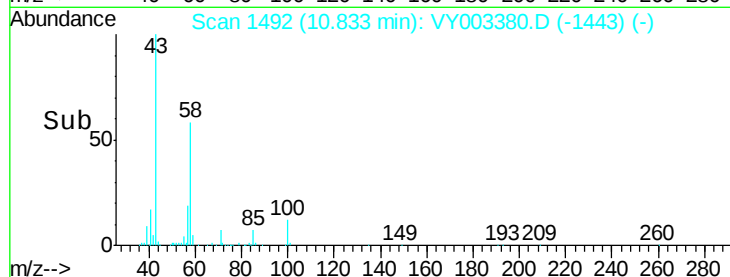
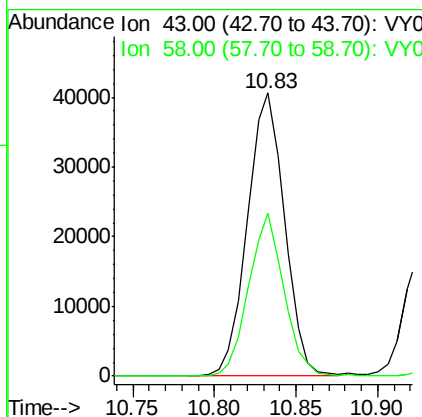
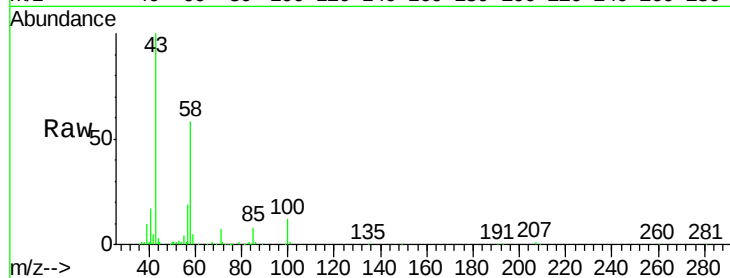
#59
2-Hexanone
Concen: 25.425 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 64564
Ion Ratio Lower Upper
43 100
58 54.8 27.6 82.8

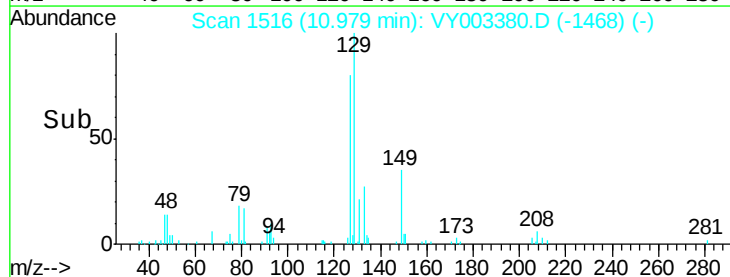
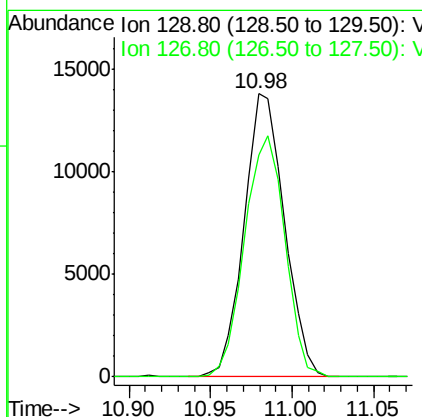
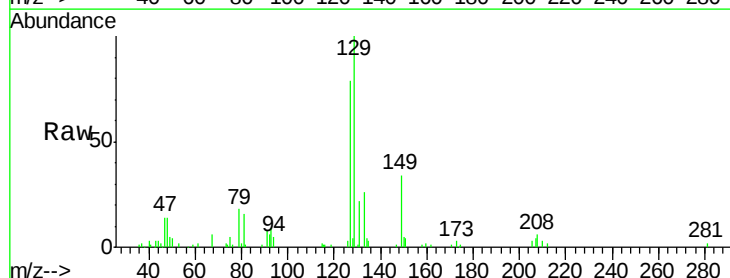
Manual Integrations
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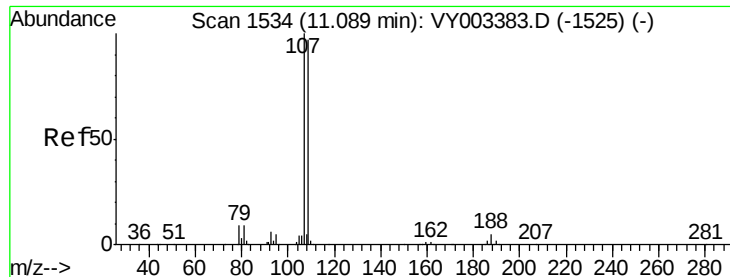
MMDadoda
8/3/2020 12:37:21 PM



#60
Dibromochloromethane
Concen: 4.826 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion: 129 Resp: 23854
Ion Ratio Lower Upper
129 100
127 84.9 38.7 116.1





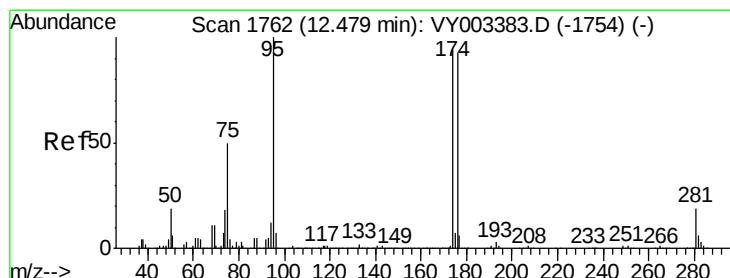
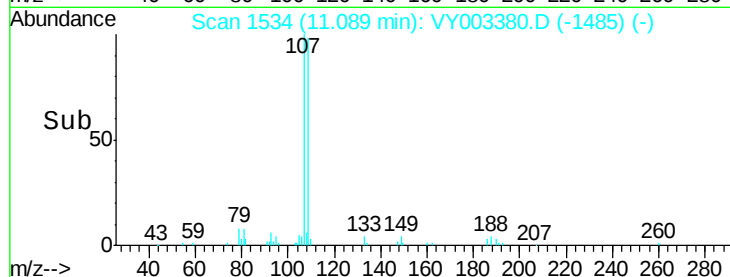
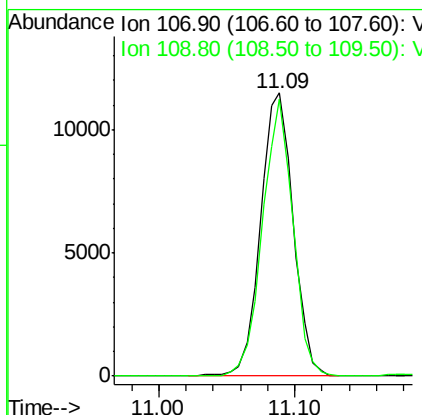
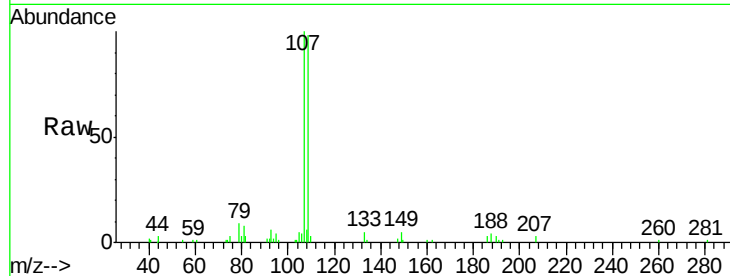
#61
 1,2-Dibromoethane
 Concen: 5.004 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.2	75.5	113.3

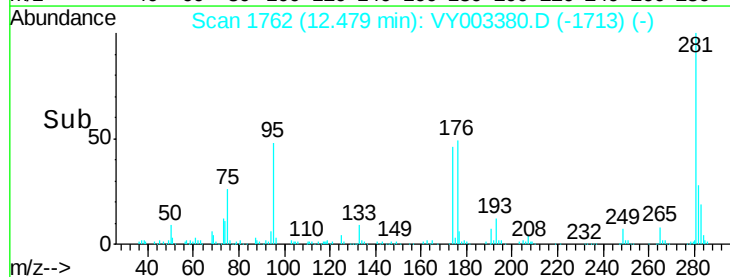
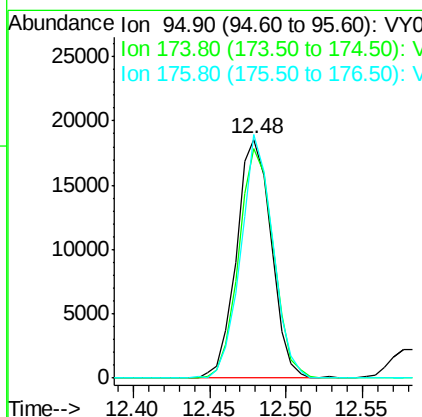
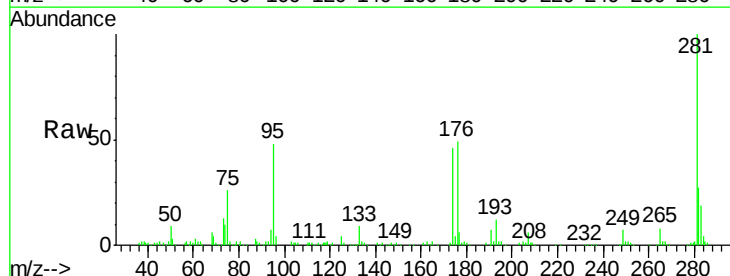
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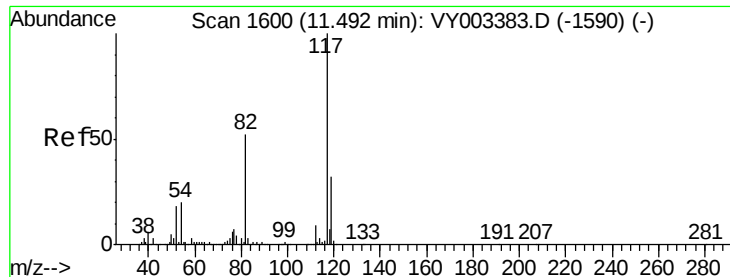
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#62
 4-Bromofluorobenzene
 Concen: 5.068 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	190.0
176	93.7	0.0	184.4





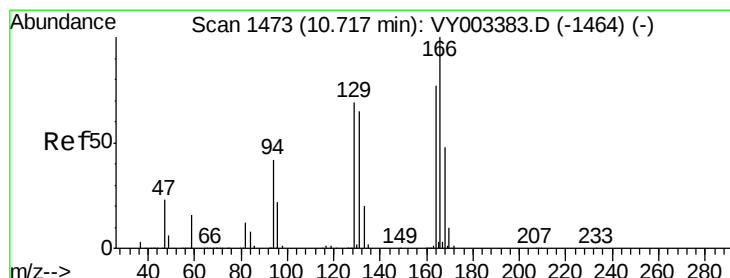
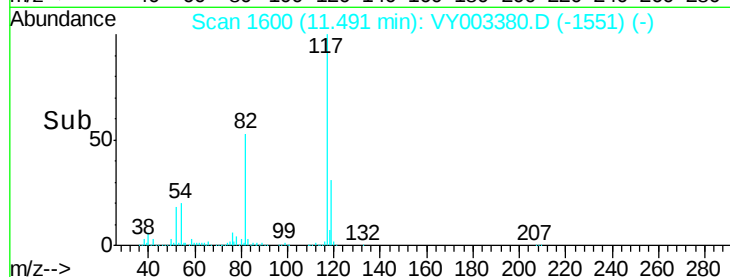
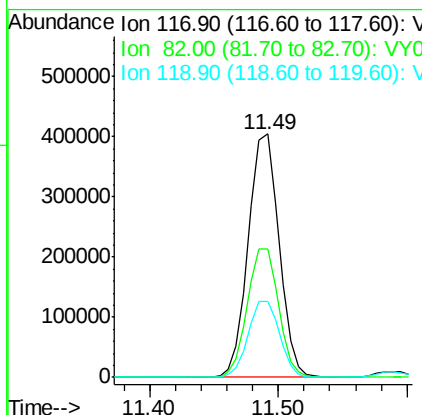
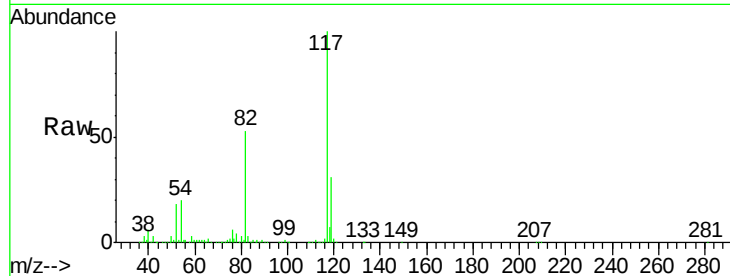
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	665828		
82	53.0		41.9	62.9
119	31.3		25.4	38.0

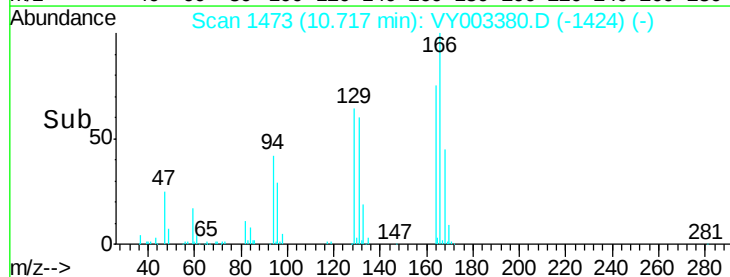
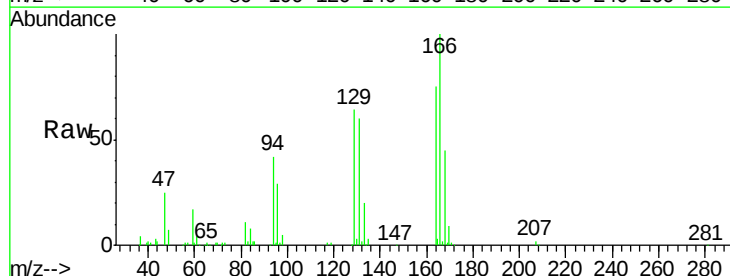
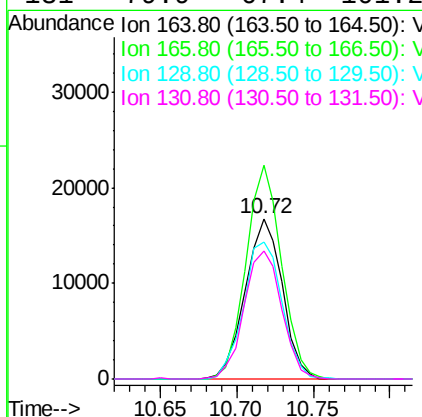
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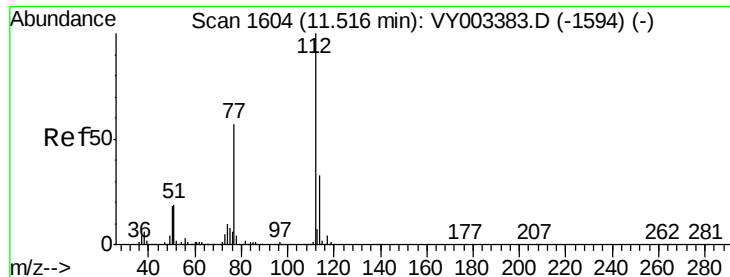
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#64
Tetrachloroethene
Concen: 4.741 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	28205		
166	133.3		103.3	154.9
129	85.8		71.2	106.8
131	79.9		67.4	101.2





#65

Chlorobenzene

Concen: 5.095 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 66378

Ion Ratio Lower Upper

112 100

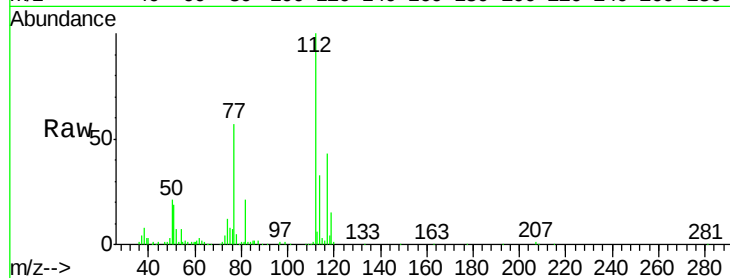
114 33.3 26.1 39.1

Manual Integrations

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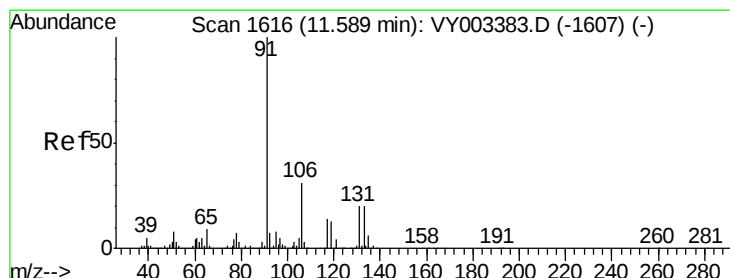
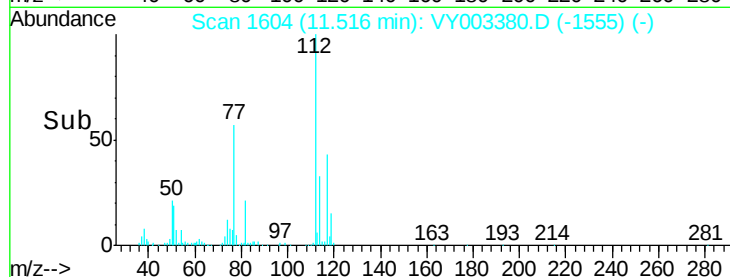
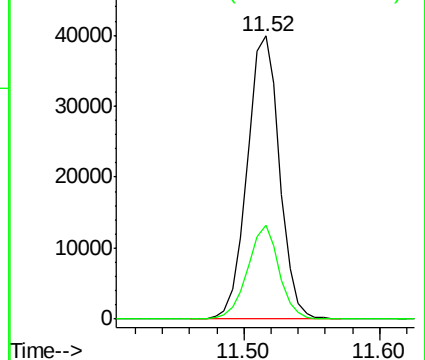
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.027 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

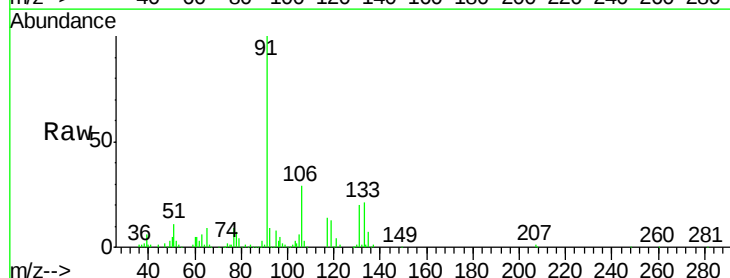
Tgt Ion:131 Resp: 25458

Ion Ratio Lower Upper

131 100

133 96.7 48.1 144.3

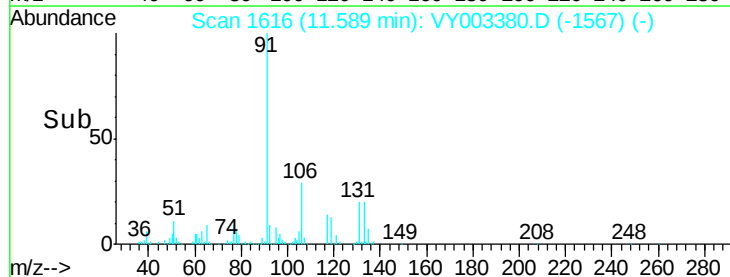
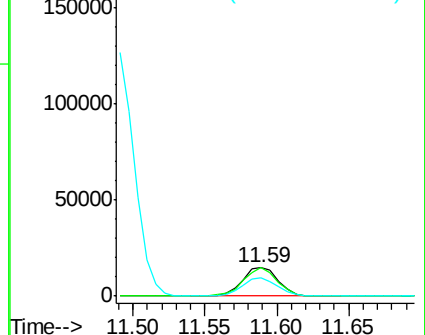
119 62.1 32.0 96.2

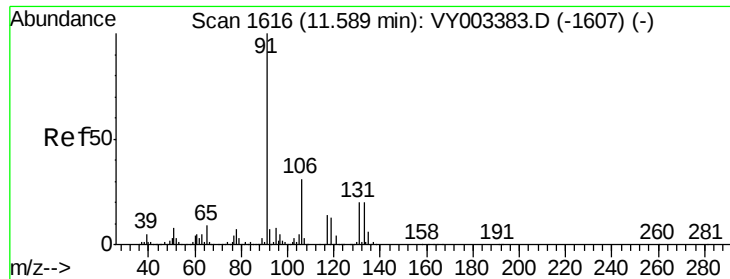


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 4.973 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 115996

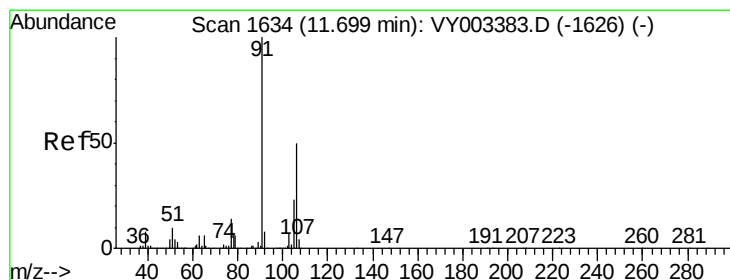
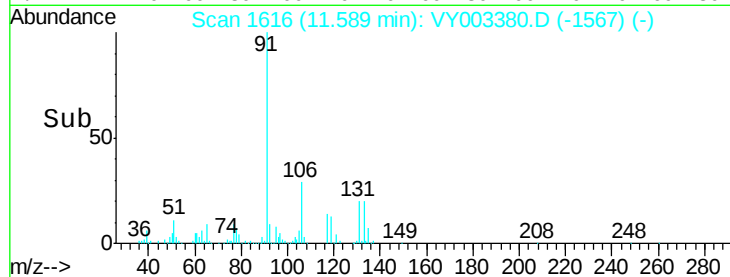
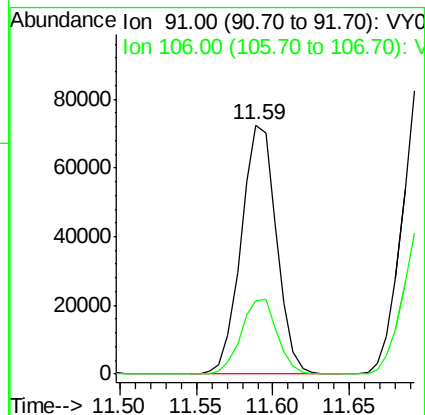
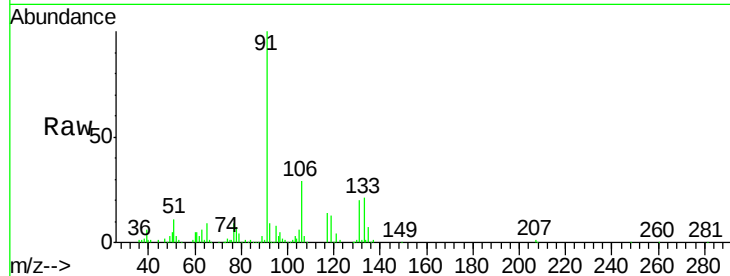
Ion Ratio Lower Upper

91 100

106 29.4 24.4 36.6

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#68

m/p-Xylenes

Concen: 9.878 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003380.D

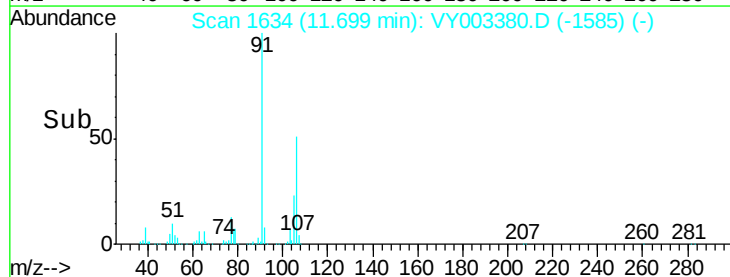
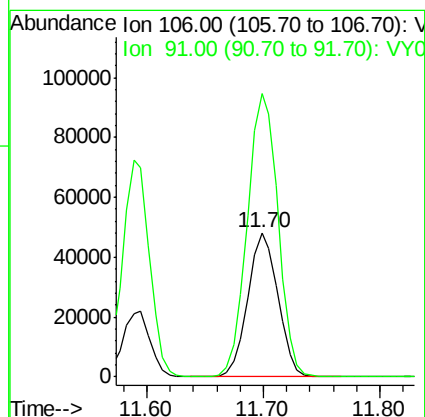
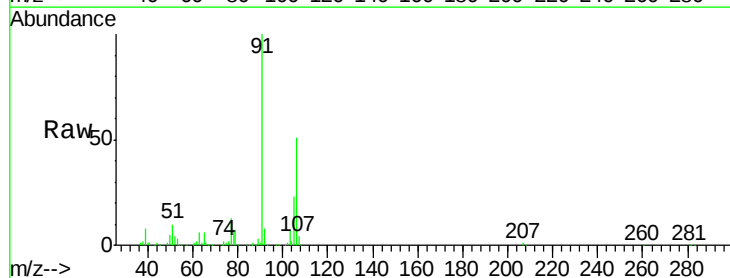
Acq: 31 Jul 2020 10:58

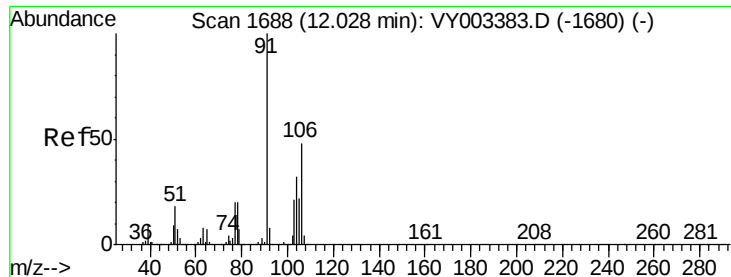
Tgt Ion: 106 Resp: 87329

Ion Ratio Lower Upper

106 100

91 199.9 161.0 241.6





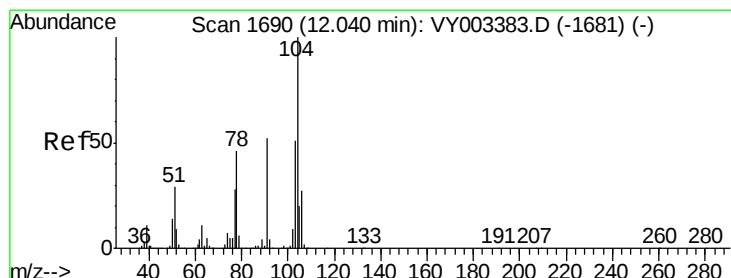
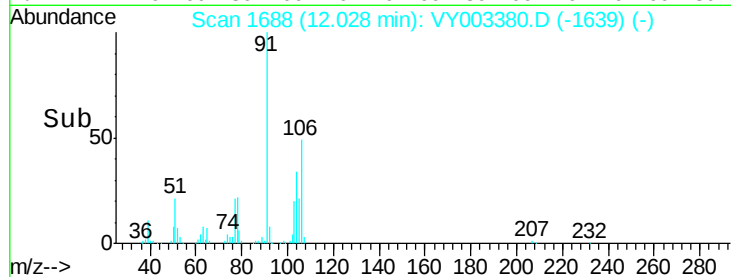
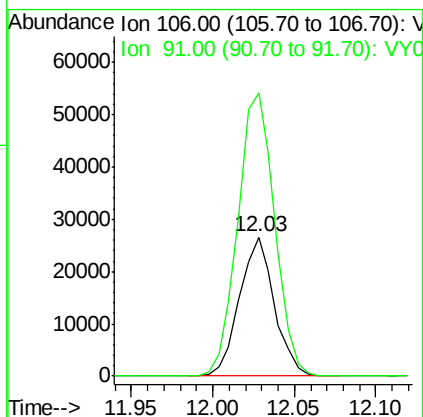
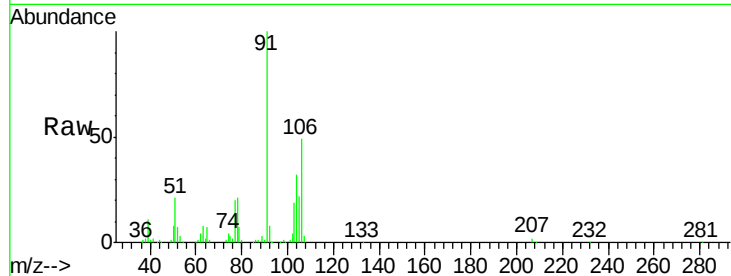
#69
o-Xylene
Concen: 4.776 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 39499
Ion Ratio Lower Upper
106 100
91 216.1 104.6 313.7

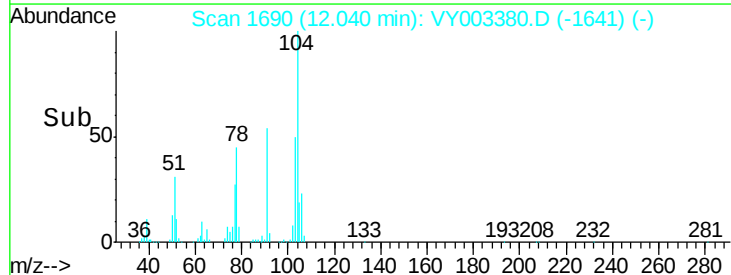
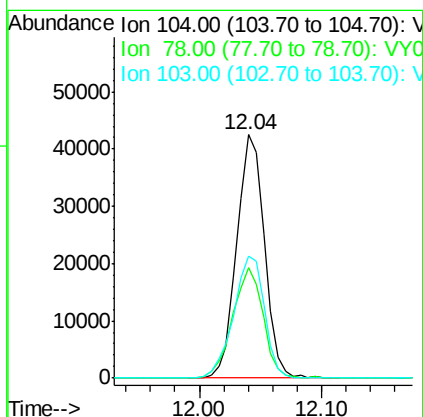
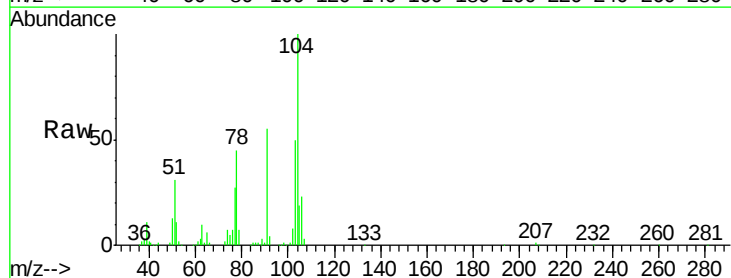
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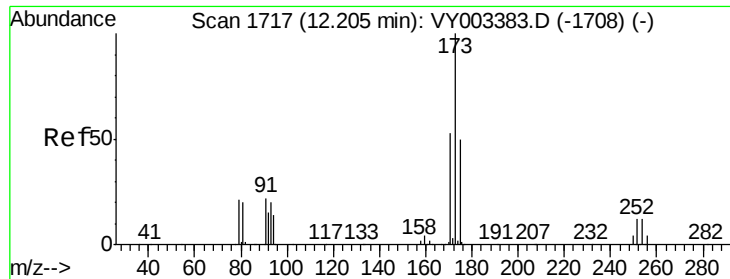
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#70
Styrene
Concen: 4.702 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion:104 Resp: 66500
Ion Ratio Lower Upper
104 100
78 49.8 39.3 58.9
103 56.0 43.7 65.5





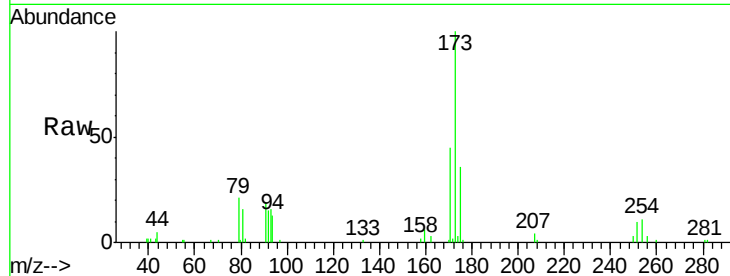
#71
Bromoform
Concen: 4.993 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

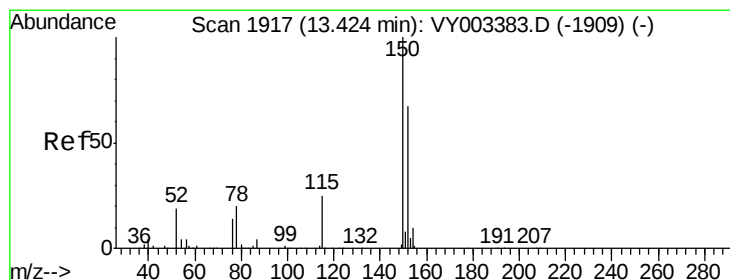
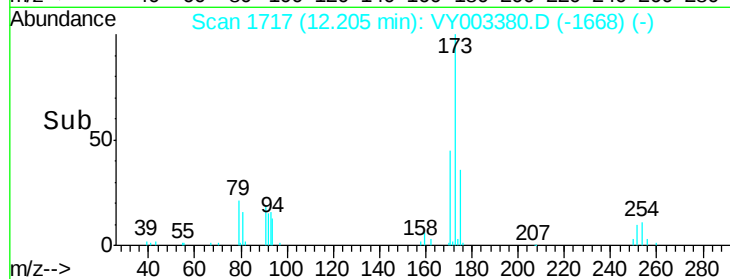
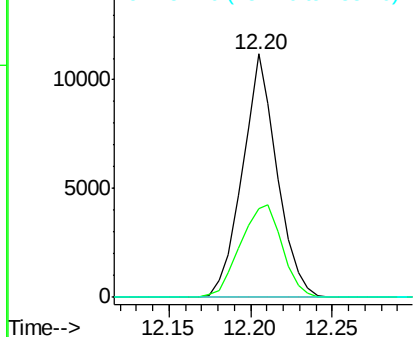
Tot Ion	Ratio	Lower	Upper
173	100		
175	46.0	24.1	72.2
254	0.0	0.2	0.2#

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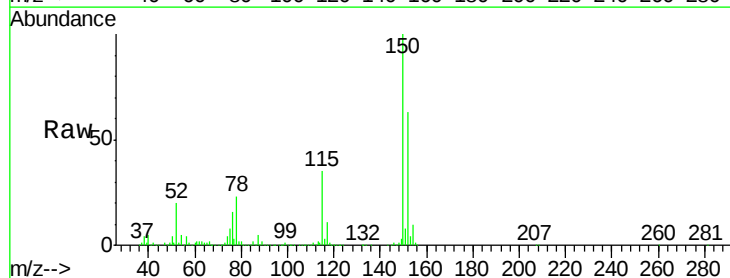


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

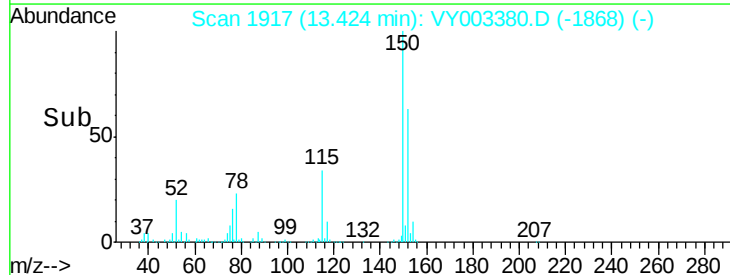
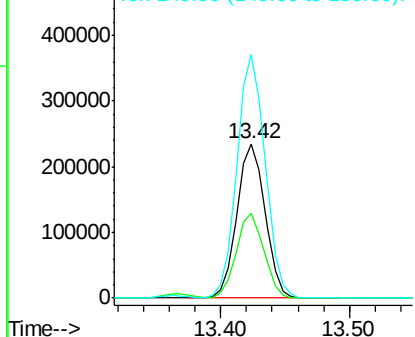


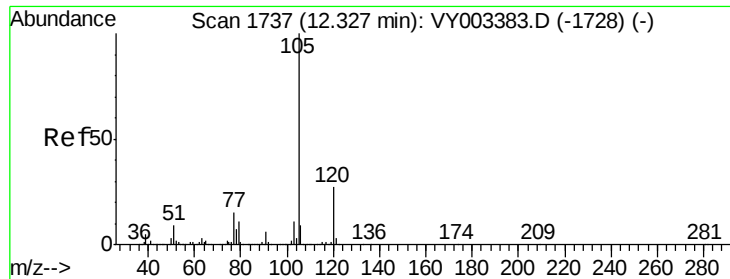
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.2	81.5
150	158.5	0.0	346.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.791 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 110105

Ion Ratio Lower Upper

105 100

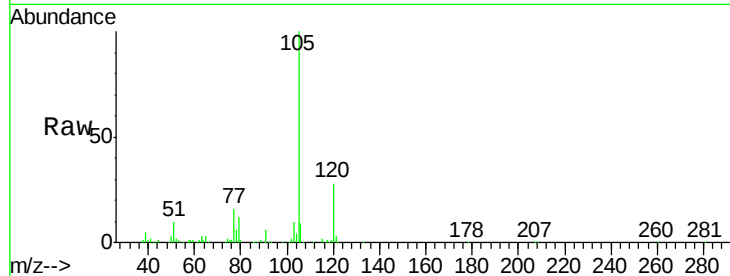
120 27.2 13.5 40.4

Manual Integrations

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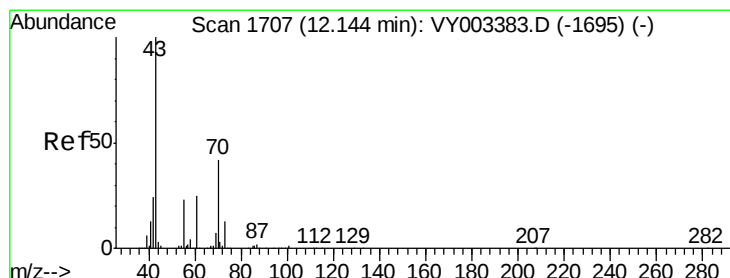
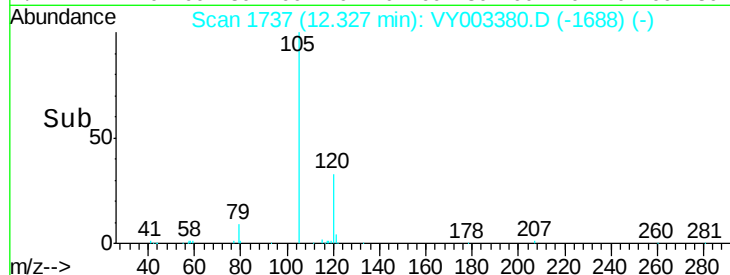
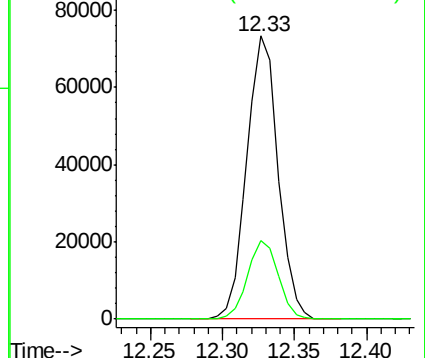
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.133 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Tgt Ion: 43 Resp: 33190

Ion Ratio Lower Upper

43 100

70 41.1 33.6 50.4

55 23.4 18.5 27.7

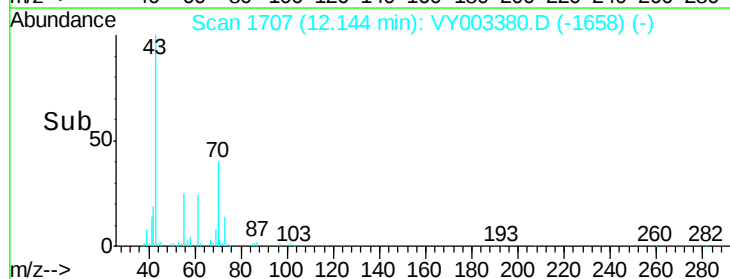
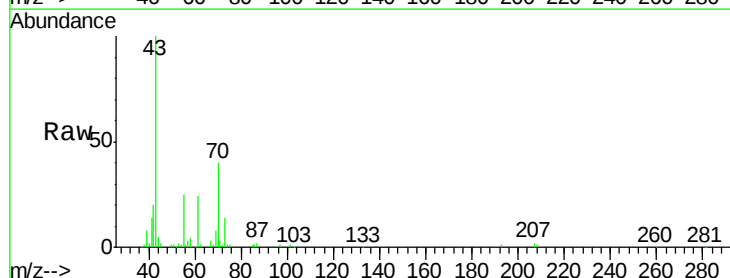
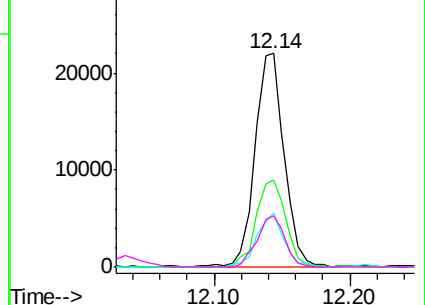
61 22.9 19.8 29.8

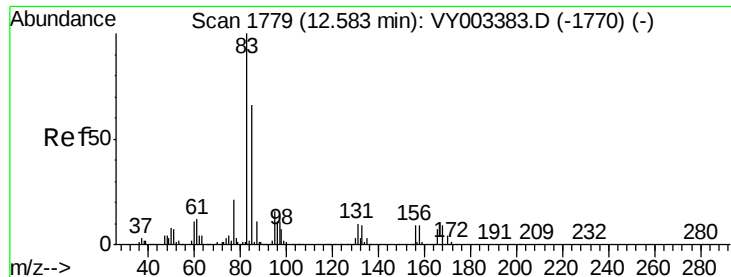
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.176 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Instrument :

MSVOA_Y

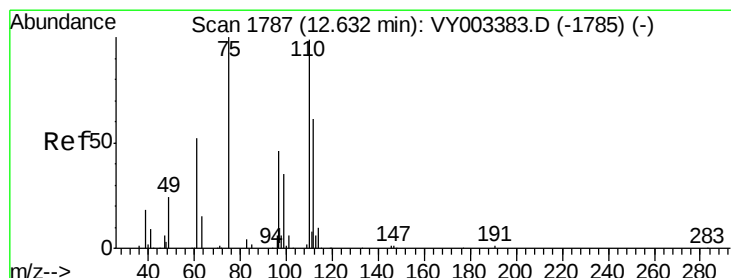
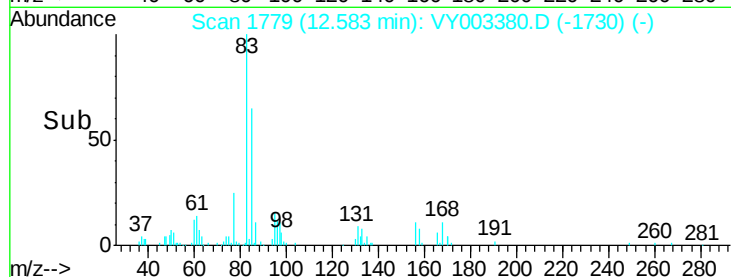
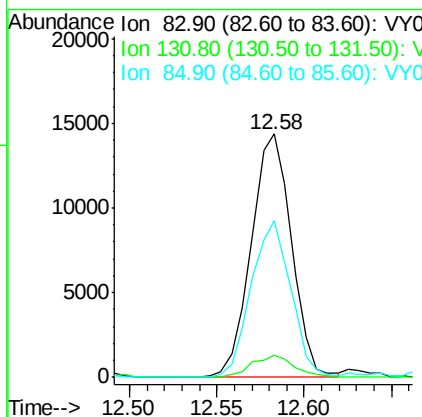
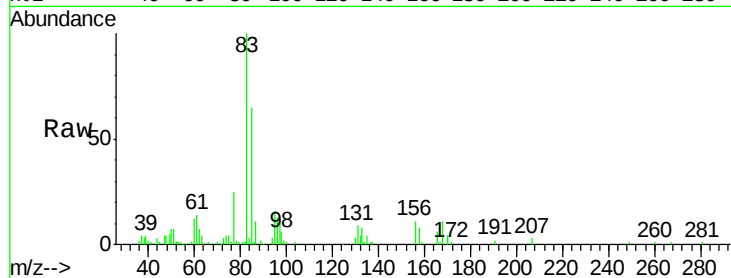
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	22978
Ion Ratio	Lower	Upper	
83	100		
131	9.3	5.3	16.1
85	63.7	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.361 ug/l m

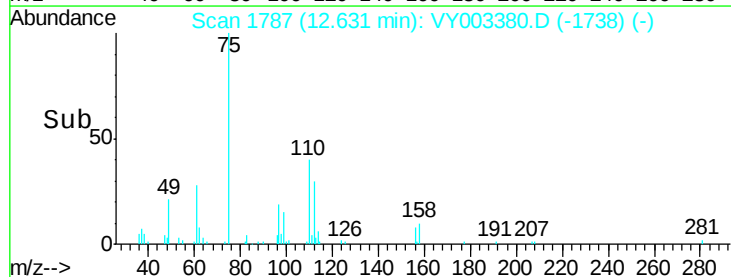
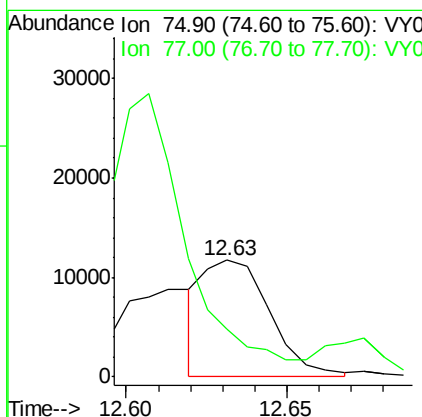
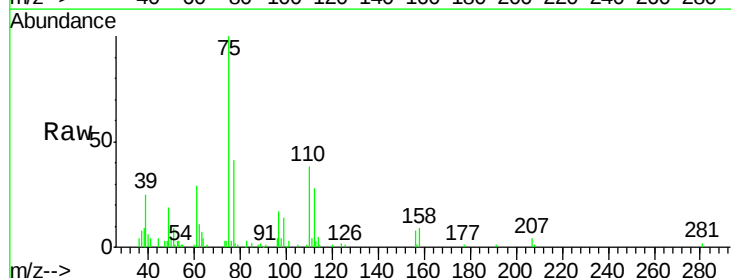
RT: 12.63 min Scan# 1787

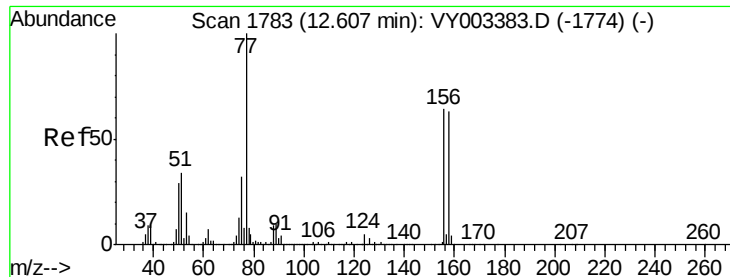
Delta R.T. -0.00 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Tgt Ion:	75	Resp:	16999
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 4.865 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003380.D

Acq: 31 Jul 2020 10:58

Instrument :

MSVOA_Y

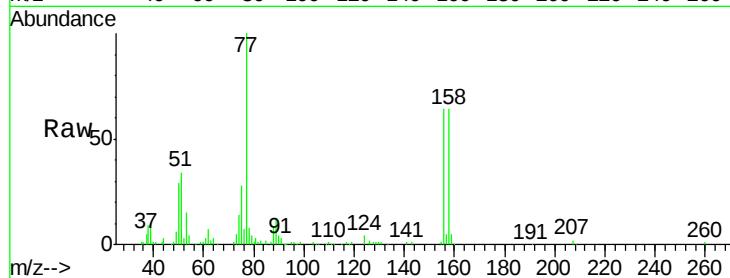
ClientSampleId :

VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		28463		
77	178.7		87.5	262.5	
158	99.8		48.7	146.1	

Manual Integrations
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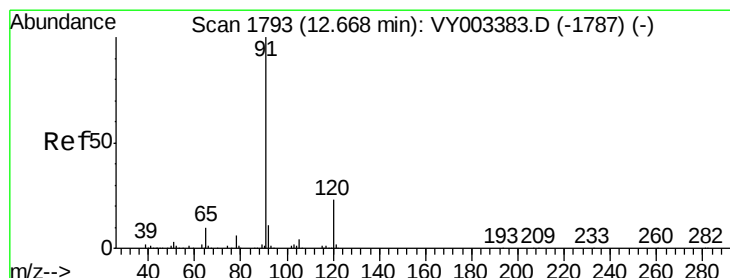
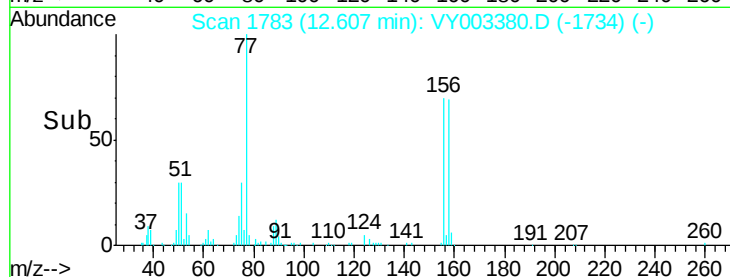
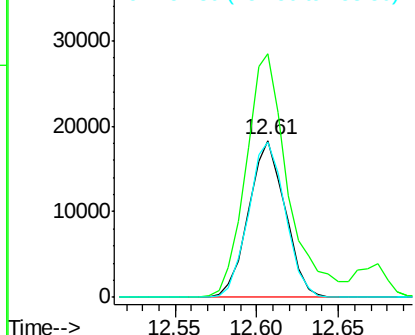
MMDadoda
8/3/2020 12:37:21 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.908 ug/l

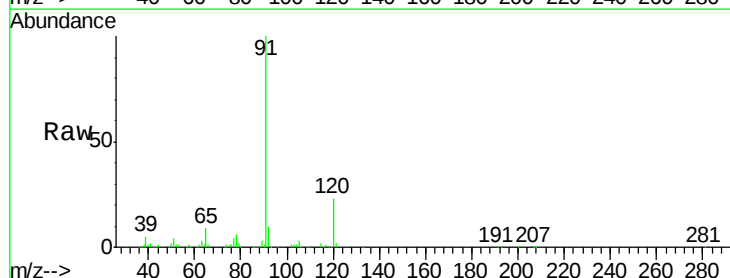
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003380.D

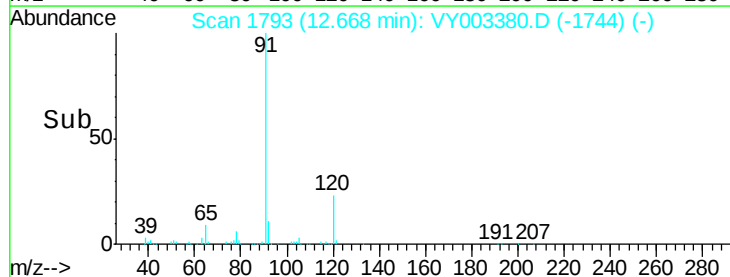
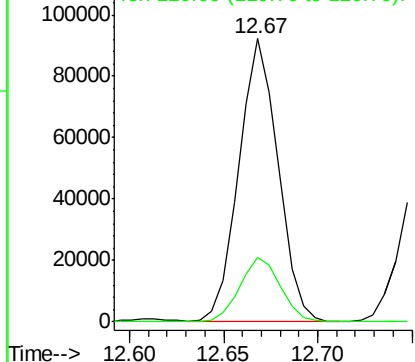
Acq: 31 Jul 2020 10:58

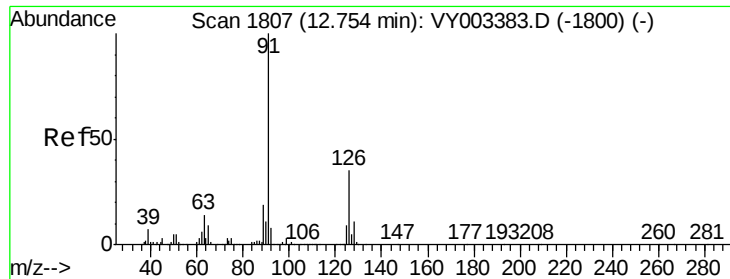
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		133353		
120	23.4		11.6	34.8	



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





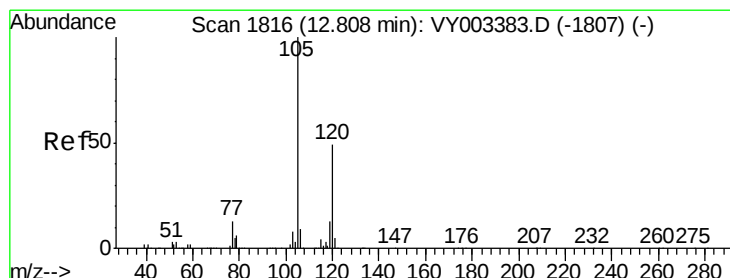
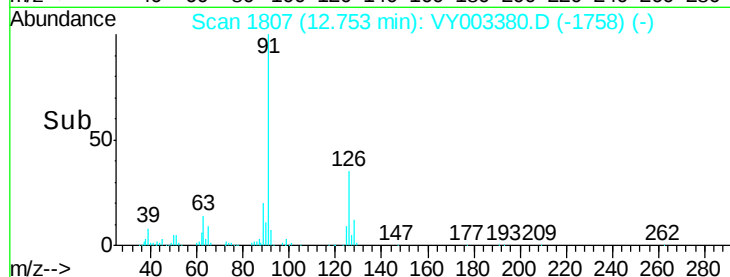
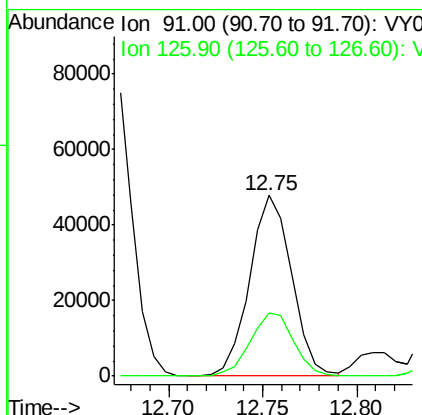
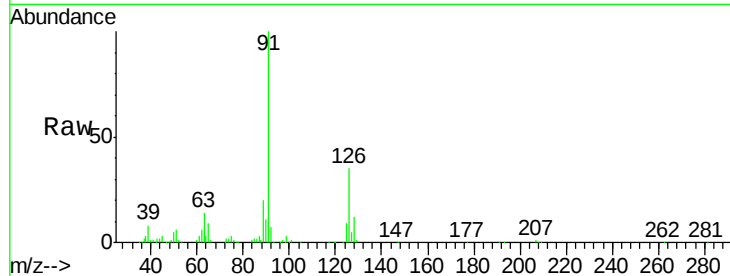
#79
2-Chlorotoluene
Concen: 4.915 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 74327
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.7

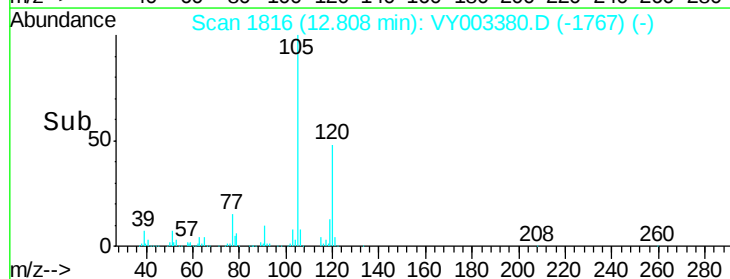
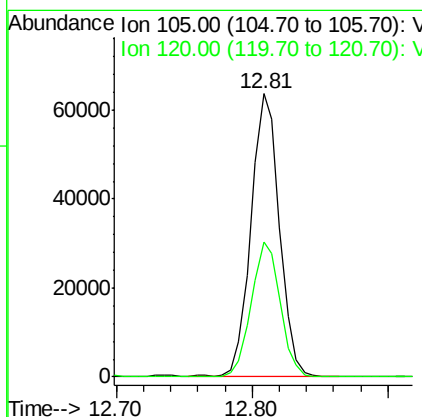
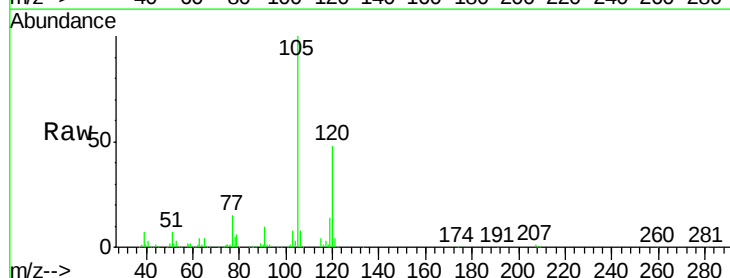
Manual Integrations
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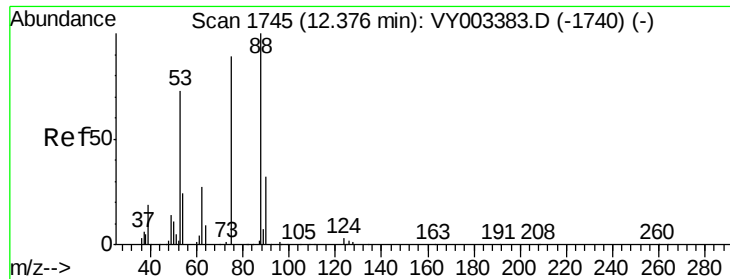
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#80
1,3,5-Trimethylbenzene
Concen: 4.886 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion: 105 Resp: 93696
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.6





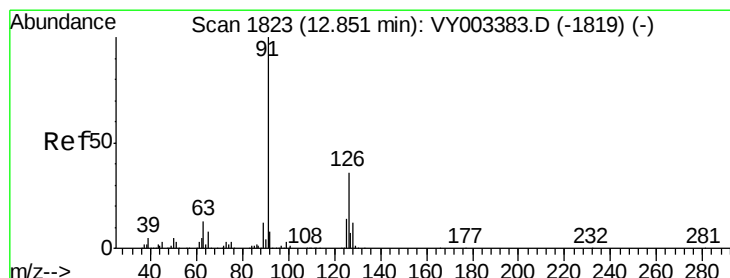
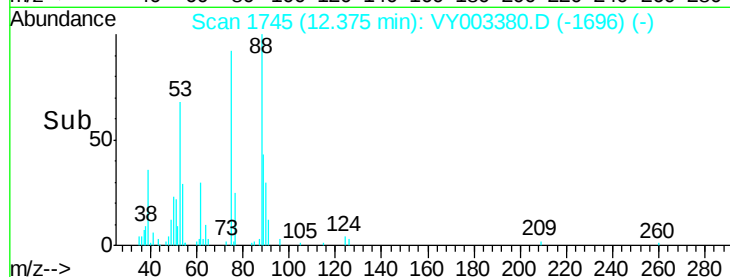
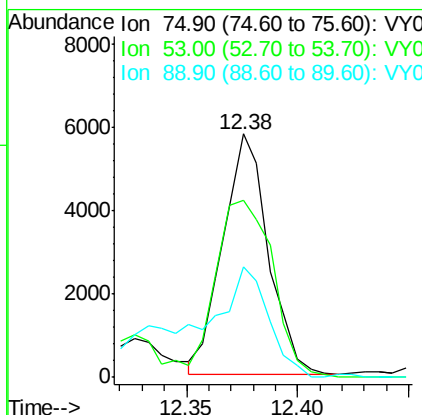
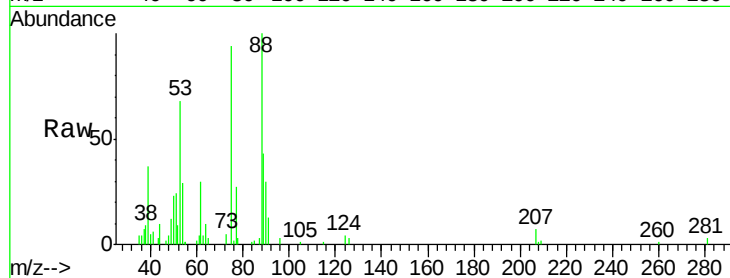
#81
trans-1,4-Dichloro-2-butene
Concen: 5.016 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.0	69.5	104.3
89	45.7	33.8	50.6

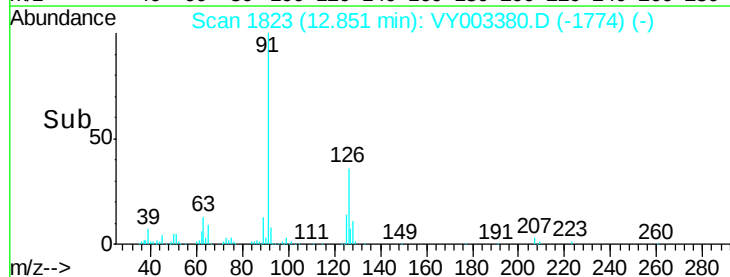
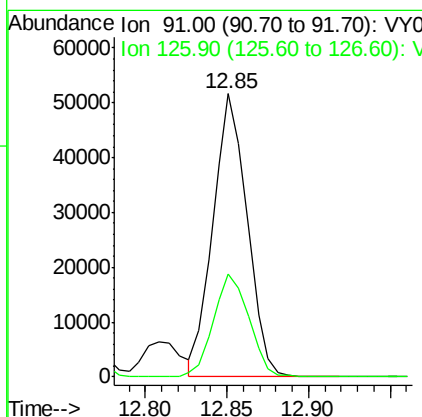
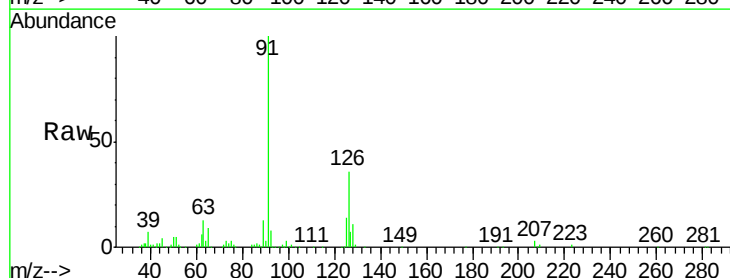
Manual Integrations
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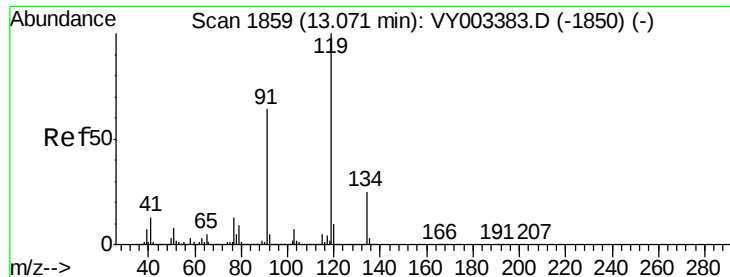
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#82
4-Chlorotoluene
Concen: 4.773 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.9	18.1	54.4





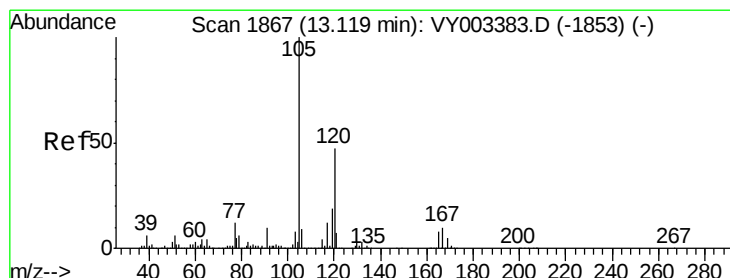
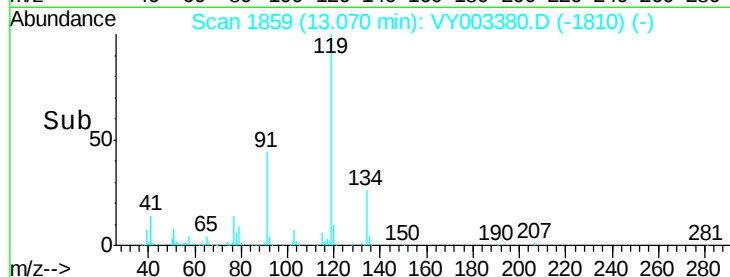
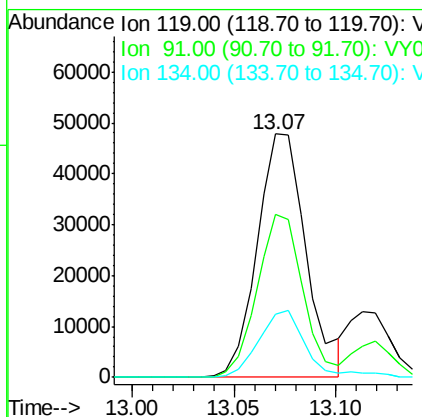
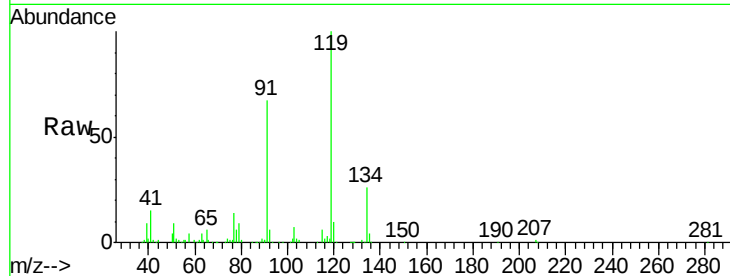
#83
tert-Butylbenzene
Concen: 4.744 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	31.8	95.3
134	27.0	13.6	40.8

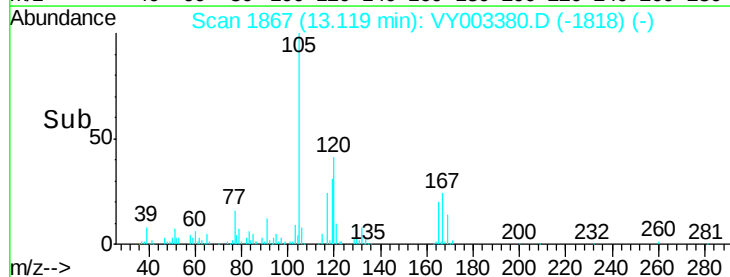
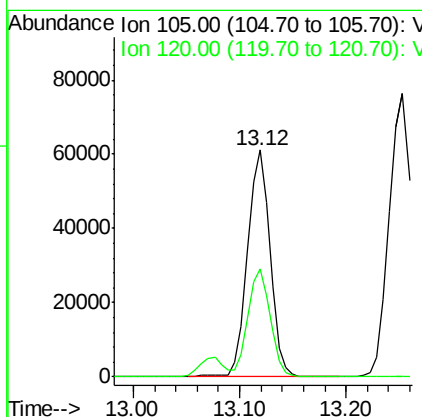
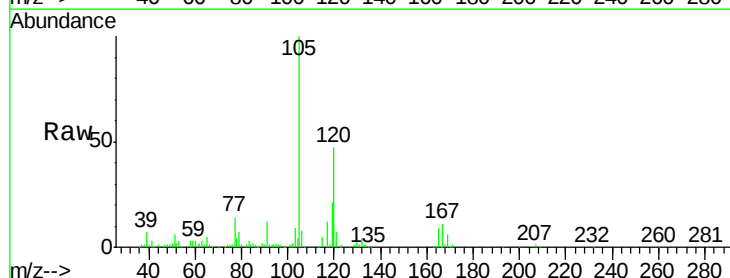
Manual Integrations
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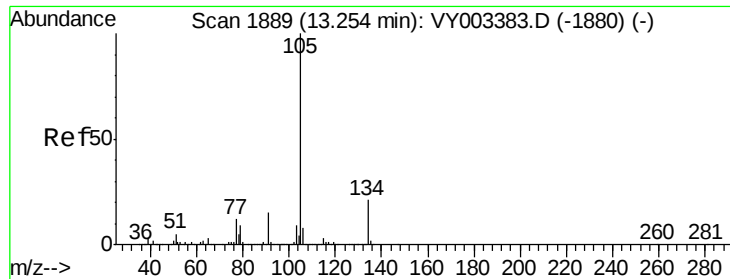
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 4.735 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.4	70.3





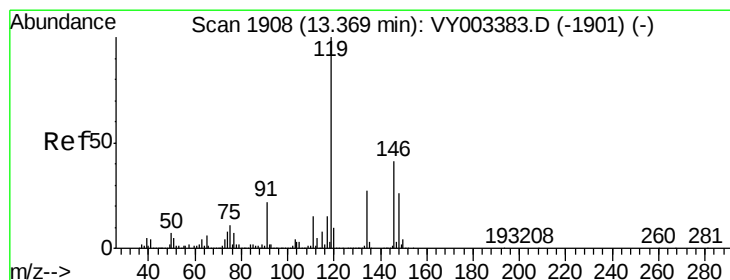
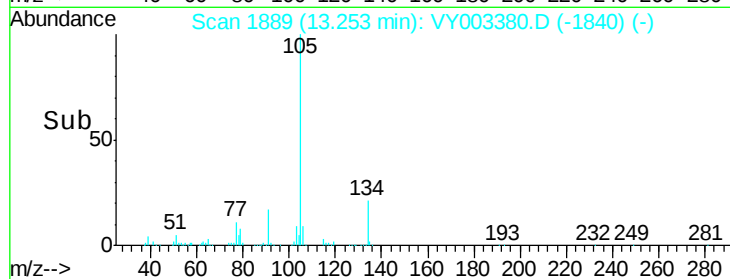
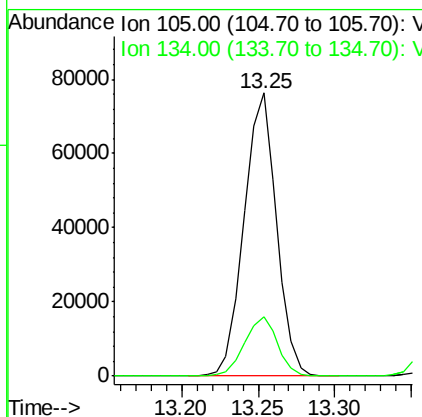
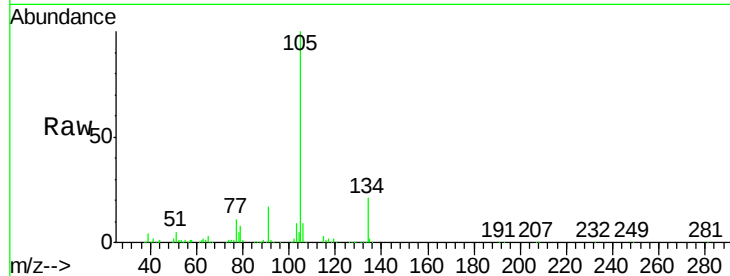
#85
 sec-Butylbenzene
 Concen: 4.817 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.4	31.4

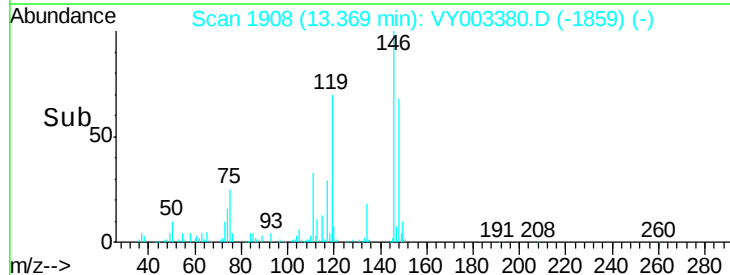
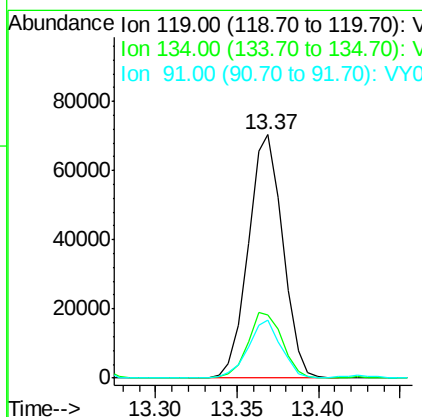
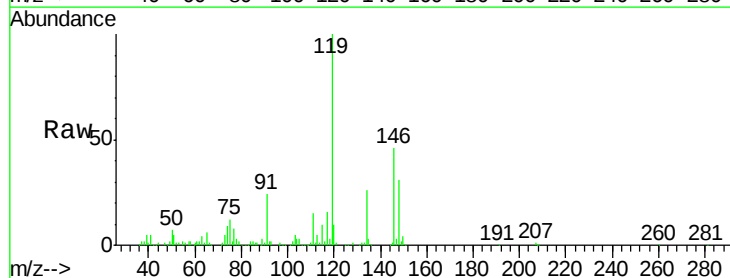
Manual Integrations
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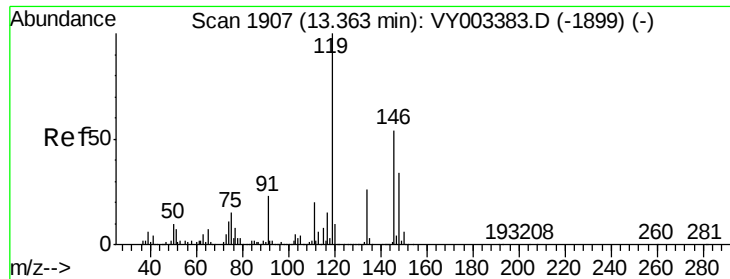
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 8/3/2020 12:37:21 PM



#86
 p-Isopropyltoluene
 Concen: 4.774 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.5	40.4
91	23.1	11.4	34.1





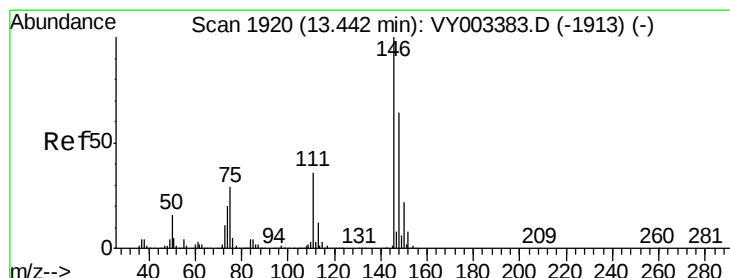
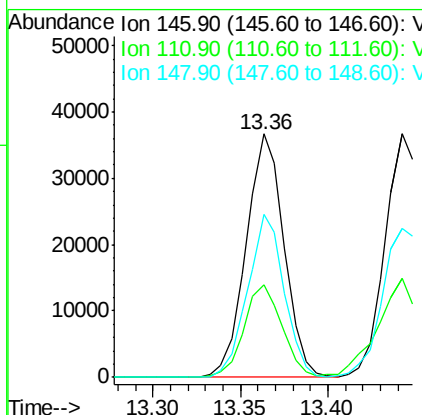
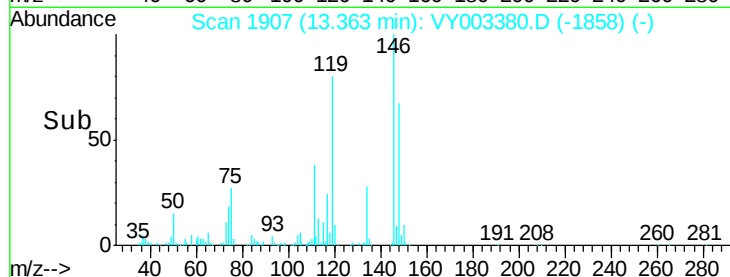
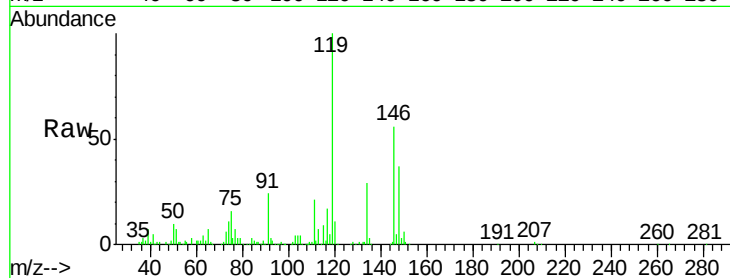
#87
 1,3-Dichlorobenzene
 Concen: 4.962 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.2	18.8	56.4	
148	64.7	31.9	95.9	

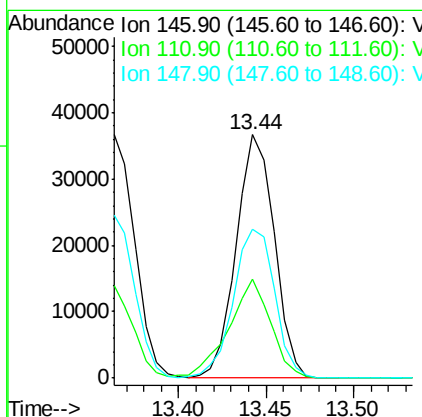
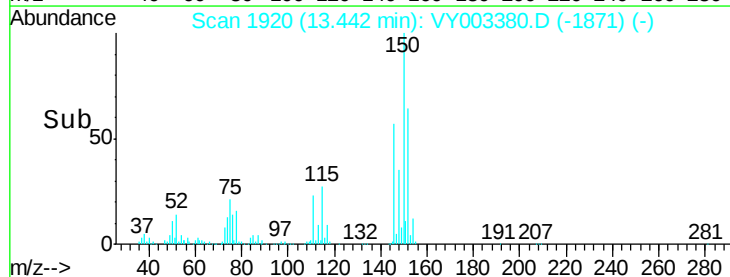
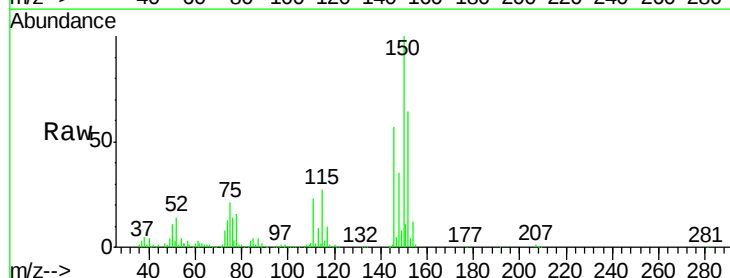
Manual Integrations
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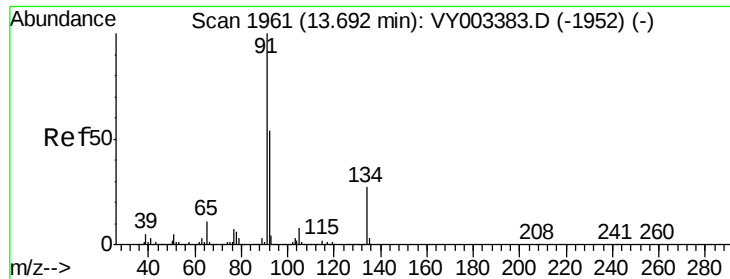
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#88
 1,4-Dichlorobenzene
 Concen: 5.091 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	44.6	18.1	54.3	
148	66.3	32.1	96.3	





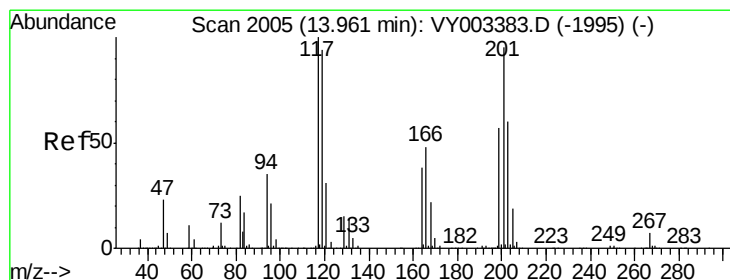
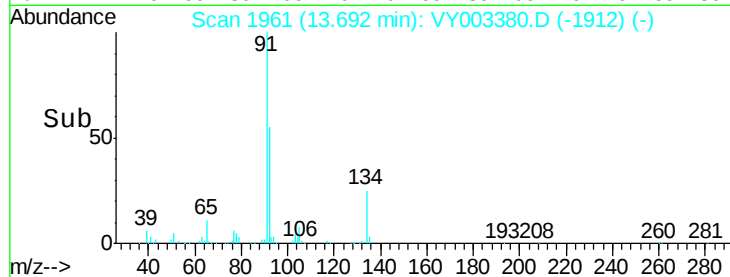
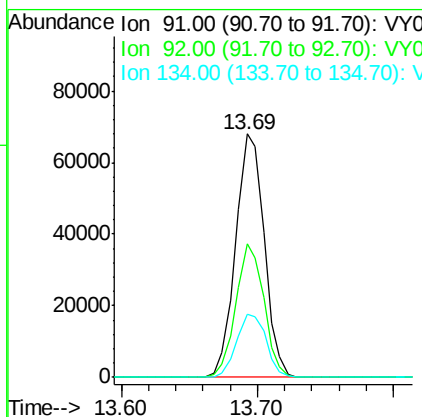
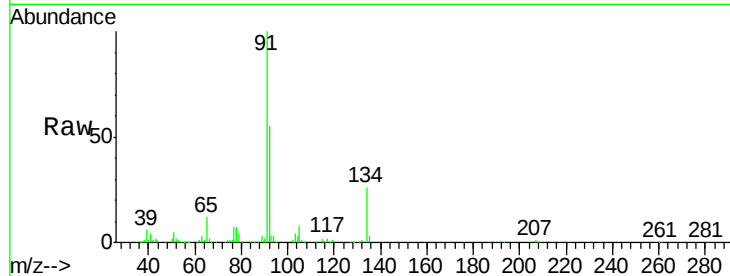
#89
n-Butylbenzene
Concen: 4.870 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.9	80.6
134	26.8	13.6	40.7

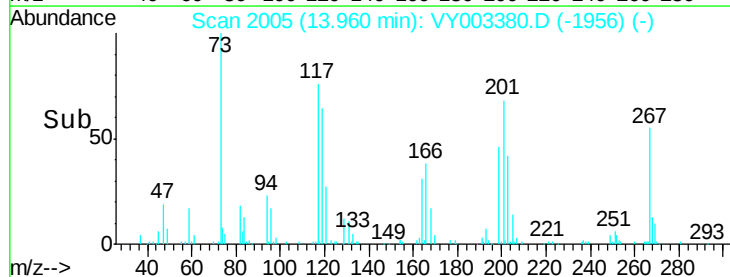
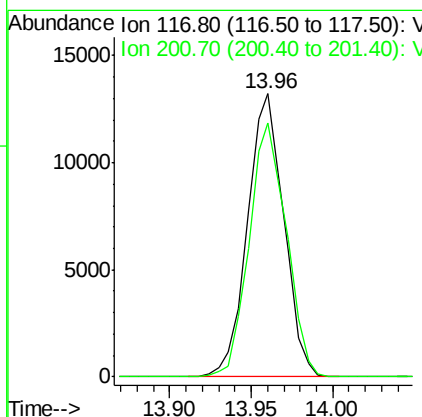
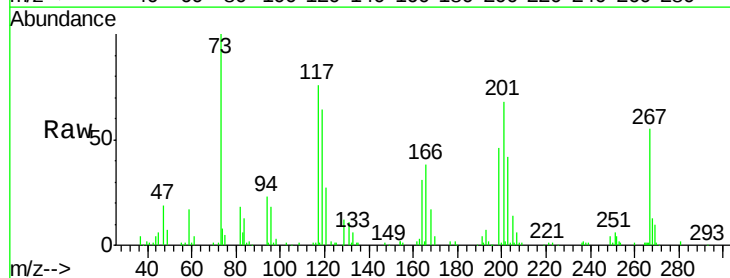
Manual Integrations
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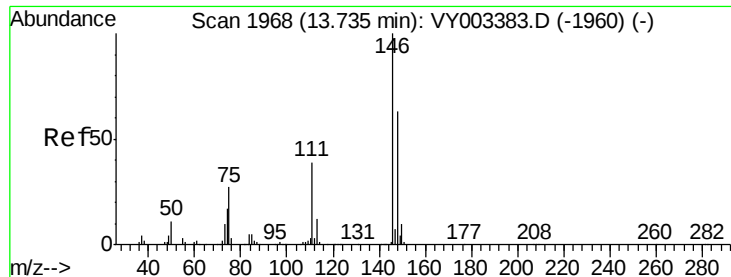
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#90
Hexachloroethane
Concen: 5.136 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.7	44.7	134.1





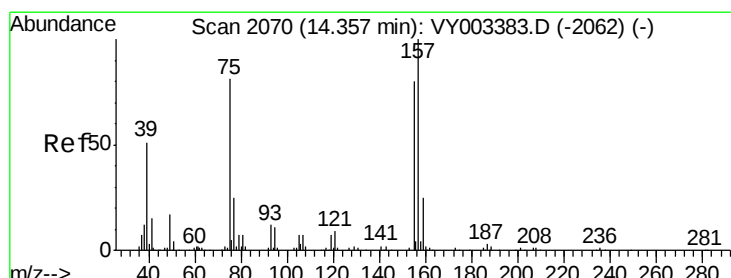
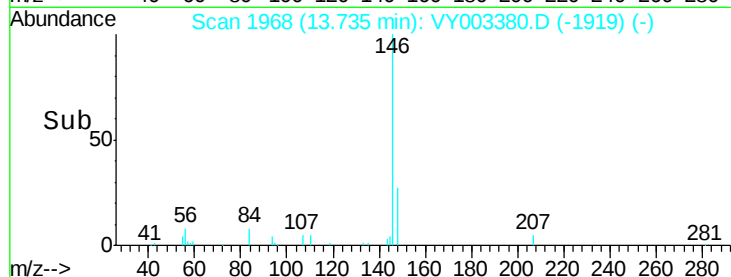
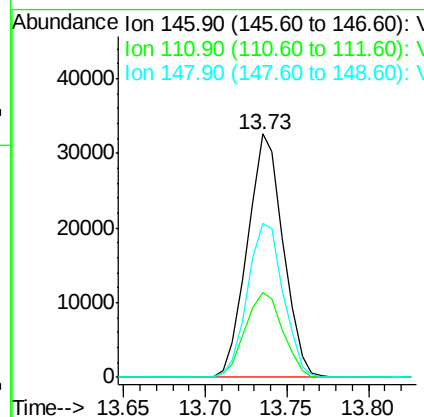
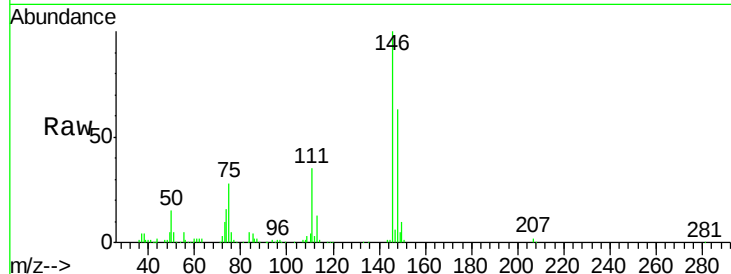
#91
 1,2-Dichlorobenzene
 Concen: 5.117 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.2	57.6
148	63.6	32.1	96.5

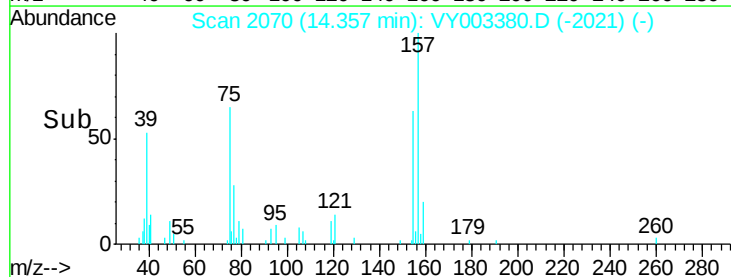
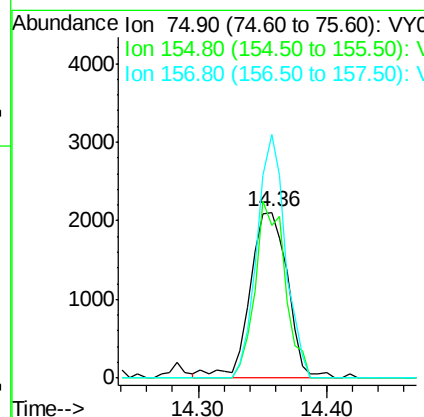
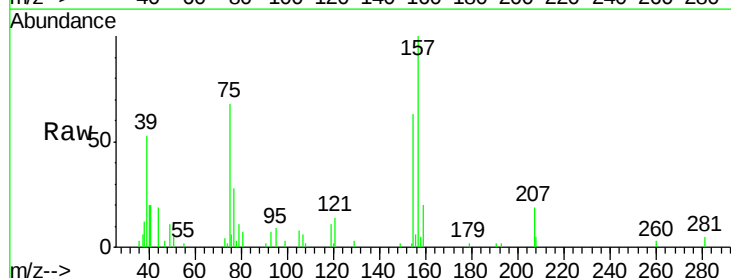
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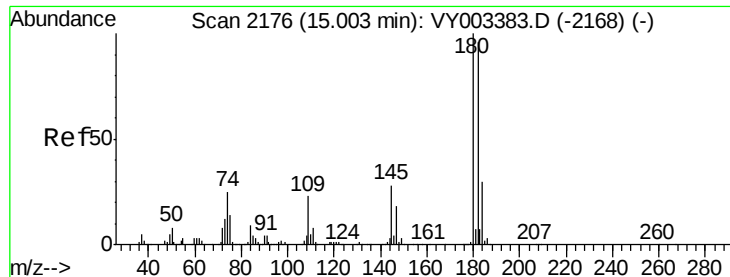
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.877 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.6	48.8	146.4
157	110.8	60.9	182.6





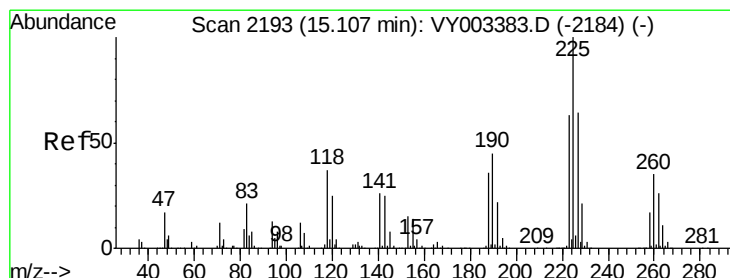
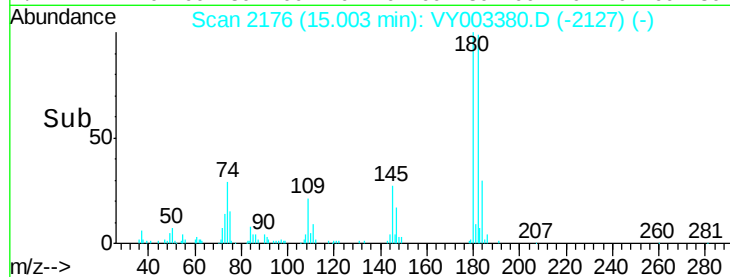
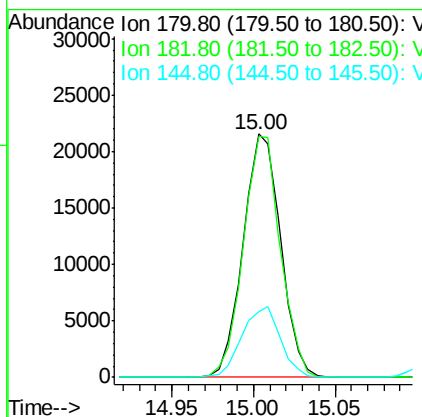
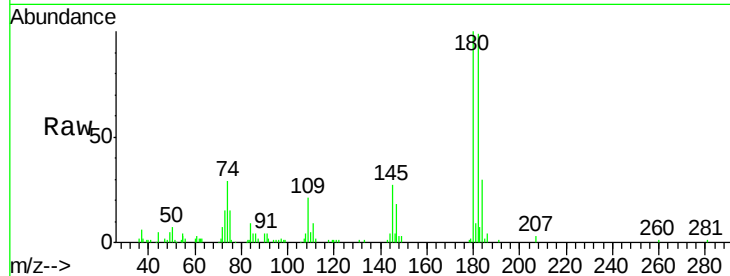
#93
 1,2,4-Trichlorobenzene
 Concen: 5.001 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion:	180	Resp:	34691
Ion Ratio	Lower	Upper	
180	100		
182	97.5	48.2	144.6
145	29.7	13.8	41.3

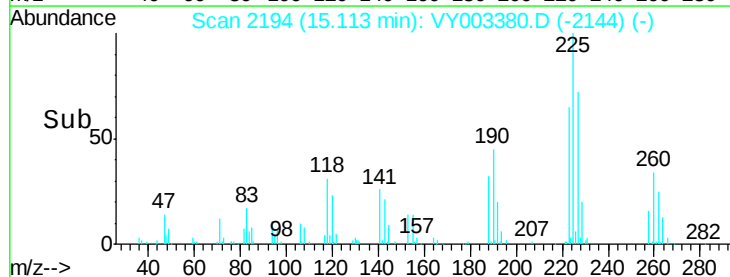
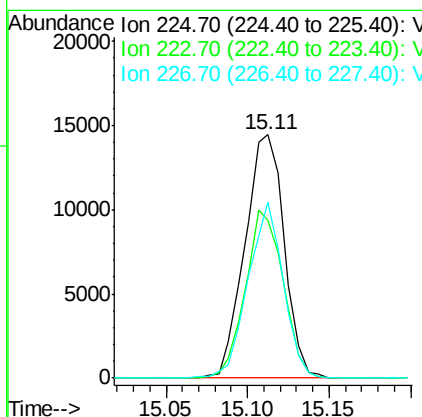
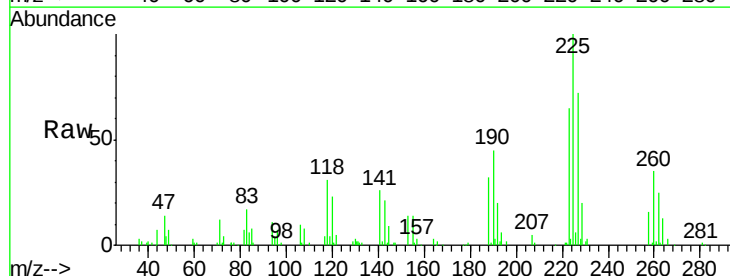
Manual Integrations
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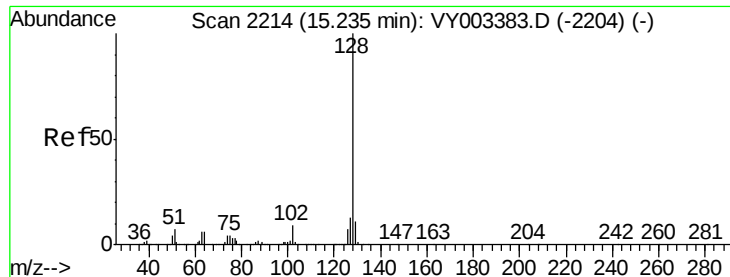
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#94
 Hexachlorobutadiene
 Concen: 5.113 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY003380.D
 Acq: 31 Jul 2020 10:58

Tgt Ion:	225	Resp:	24198
Ion Ratio	Lower	Upper	
225	100		
223	66.4	31.6	94.8
227	64.6	32.0	96.2





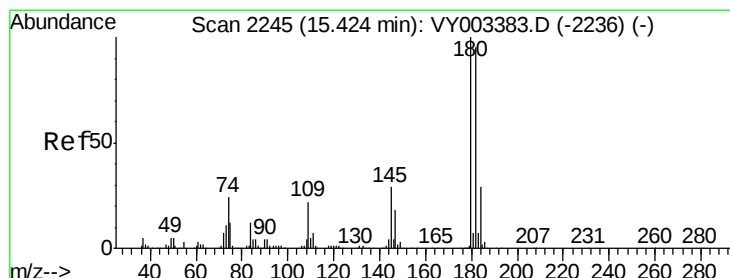
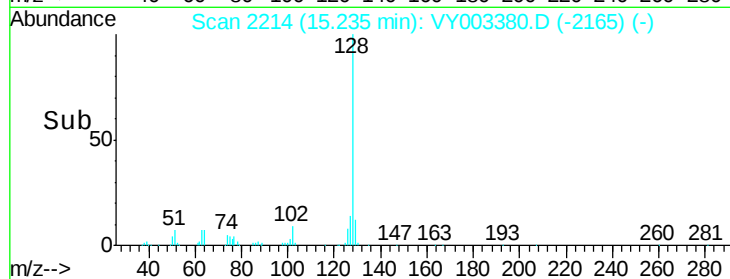
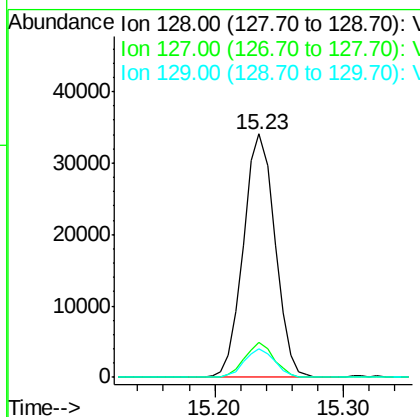
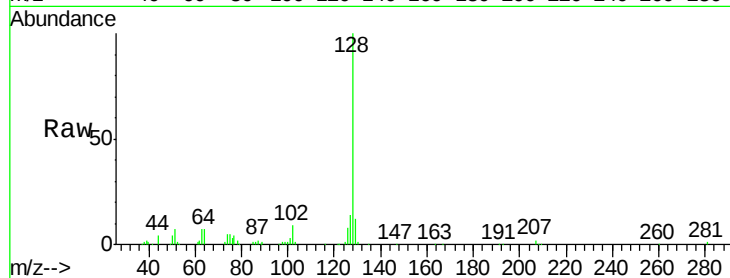
#95
Naphthalene
Concen: 5.020 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.3	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 5.054 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003380.D
Acq: 31 Jul 2020 10:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	47.4	142.2
145	31.4	14.5	43.5

