

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003157.D
 Acq On : 10 Jul 2020 11:30
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 10:47:33 AM

Quant Time: Jul 10 12:56:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 12:43:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	483763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	702256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	645048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	344187	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	42797	9.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.54%	
35) Dibromofluoromethane	7.73	113	41085	9.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.24%	
50) Toluene-d8	10.18	98	157774	9.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.92%	
62) 4-Bromofluorobenzene	12.48	95	56550	10.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.26%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	39237	11.059	ug/l 97
3) Chloromethane	2.12	50	53671	10.178	ug/l 99
4) Vinyl Chloride	2.26	62	51873	10.138	ug/l 95
5) Bromomethane	2.65	94	38870	11.034	ug/l 97
6) Chloroethane	2.80	64	33780	10.305	ug/l 98
7) Trichlorofluoromethane	3.13	101	74048	10.237	ug/l 99
8) Diethyl Ether	3.54	74	24385	9.847	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	43723	10.086	ug/l 98
10) Methyl Iodide	4.10	142	41887	7.918	ug/l 100
11) Tert butyl alcohol	4.96	59	25309	53.471	ug/l 97
12) 1,1-Dichloroethene	3.88	96	41702	10.111	ug/l 95
13) Acrolein	3.74	56	20826	48.773	ug/l 97
14) Allyl chloride	4.49	41	57196	8.095	ug/l 93
15) Acrylonitrile	5.18	53	57935	45.933	ug/l 97
16) Acetone	3.96	43	46913	43.432	ug/l 98
17) Carbon Disulfide	4.20	76	129001	9.846	ug/l 99
18) Methyl Acetate	4.47	43	25953	8.843	ug/l 99
19) Methyl tert-butyl Ether	5.23	73	114175	9.566	ug/l 100
20) Methylene Chloride	4.72	84	63144	10.125	ug/l 91
21) trans-1,2-Dichloroethene	5.23	96	46883	10.006	ug/l 97
22) Diisopropyl ether	6.13	45	133375	8.756	ug/l 98
23) Vinyl Acetate	6.07	43	439251	43.332	ug/l 97
24) 1,1-Dichloroethane	6.02	63	78672	9.388	ug/l 96
25) 2-Butanone	7.00	43	75519	43.747	ug/l 98
26) 2,2-Dichloropropane	6.99	77	70638	9.281	ug/l 98
27) cis-1,2-Dichloroethene	7.00	96	50870	9.700	ug/l 99
28) Bromochloromethane	7.34	49	36428	9.904	ug/l 99
29) Tetrahydrofuran	7.35	42	51104	44.438	ug/l 97
30) Chloroform	7.52	83	82107	9.845	ug/l 94
31) Cyclohexane	7.79	56	78251	9.488	ug/l # 93
32) 1,1,1-Trichloroethane	7.71	97	72998	9.609	ug/l 98
36) 1,1-Dichloropropene	7.93	75	63902	9.606	ug/l 99
37) Ethyl Acetate	7.08	43	36520	9.319	ug/l 98
38) Carbon Tetrachloride	7.90	117	66346	9.582	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	80504	9.761	ug/l	100
40) Benzene	8.16	78	178796	9.812	ug/l	98
41) Methacrylonitrile	7.33	41	21427m	10.261	ug/l	
42) 1,2-Dichloroethane	8.24	62	55334	9.665	ug/l	96
43) Isopropyl Acetate	8.28	43	66975	8.986	ug/l	100
44) Trichloroethene	8.94	130	54927	10.283	ug/l	92
45) 1,2-Dichloropropane	9.22	63	46237	9.473	ug/l	96
46) Dibromomethane	9.31	93	26969	9.834	ug/l	98
47) Bromodichloromethane	9.50	83	63568	9.513	ug/l	99
48) Methyl methacrylate	9.30	41	29051	8.562	ug/l	98
49) 1,4-Dioxane	9.30	88	6441	190.191	ug/l #	89
51) 4-Methyl-2-Pentanone	10.07	43	172540	44.698	ug/l	99
52) Toluene	10.24	92	112182	9.746	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	64541	9.228	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	75835	9.481	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	38844	10.230	ug/l	98
56) Ethyl methacrylate	10.51	69	48584	8.889	ug/l	98
57) 1,3-Dichloropropane	10.79	76	63874	9.575	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	133387	48.139	ug/l	99
59) 2-Hexanone	10.83	43	118592	44.007	ug/l	99
60) Dibromochloromethane	10.99	129	48127	9.880	ug/l	100
61) 1,2-Dibromoethane	11.09	107	36755	9.780	ug/l	98
64) Tetrachloroethene	10.72	164	58634	10.787	ug/l	96
65) Chlorobenzene	11.52	112	126081	10.032	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	48188	9.853	ug/l	98
67) Ethyl Benzene	11.59	91	222582	9.703	ug/l	97
68) m/p-Xylenes	11.70	106	169928	19.914	ug/l	99
69) o-Xylene	12.03	106	77937	9.684	ug/l	98
70) Styrene	12.04	104	132628	9.643	ug/l	98
71) Bromoform	12.20	173	31079	9.564	ug/l #	99
73) Isopropylbenzene	12.33	105	215831	9.689	ug/l	100
74) N-amyl acetate	12.14	43	59109	8.349	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	42677	9.572	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	30958m	9.356	ug/l	
77) Bromobenzene	12.61	156	56699	9.939	ug/l	96
78) n-propylbenzene	12.67	91	256965	9.615	ug/l	98
79) 2-Chlorotoluene	12.75	91	143592	9.629	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	181124	9.701	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	14934	8.772	ug/l	98
82) 4-Chlorotoluene	12.85	91	151112	9.738	ug/l	99
83) tert-Butylbenzene	13.07	119	160797	9.798	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	182081	9.675	ug/l	97
85) sec-Butylbenzene	13.25	105	222368	9.842	ug/l	100
86) p-Isopropyltoluene	13.37	119	205605	9.809	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	105605	9.913	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	108103	10.293	ug/l	99
89) n-Butylbenzene	13.69	91	195933	9.796	ug/l	98
90) Hexachloroethane	13.96	117	36874	8.956	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	94949	9.977	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7134	9.243	ug/l	99

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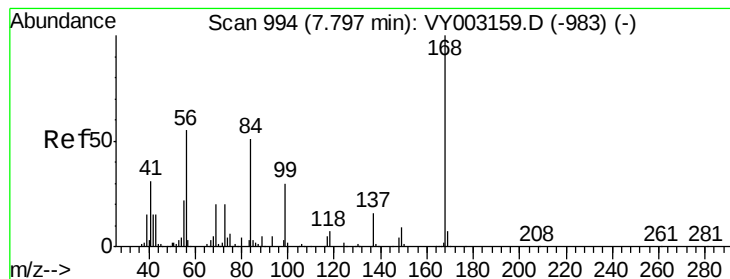
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jul 10 12:43:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	67755	9.646	ug/l	99
94) Hexachlorobutadiene	15.11	225	46693	10.415	ug/l	100
95) Naphthalene	15.23	128	111607	8.871	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	53778	8.976	ug/l	98

(#) = 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: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 483763

Ion Ratio Lower Upper

168 100

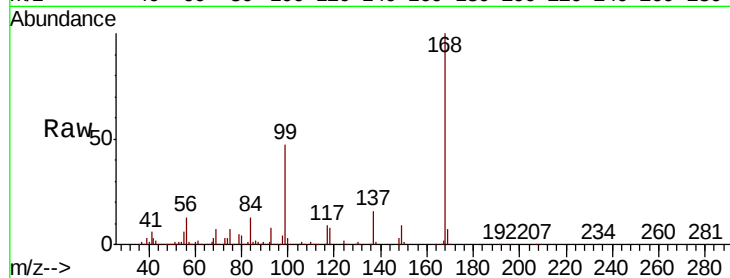
99 47.1 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003157.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003157.D (-945) (-)

7.80

250000

200000

150000

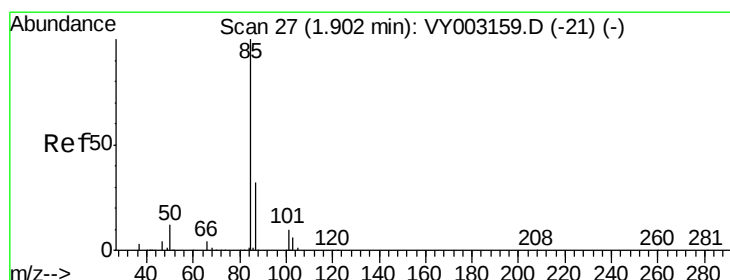
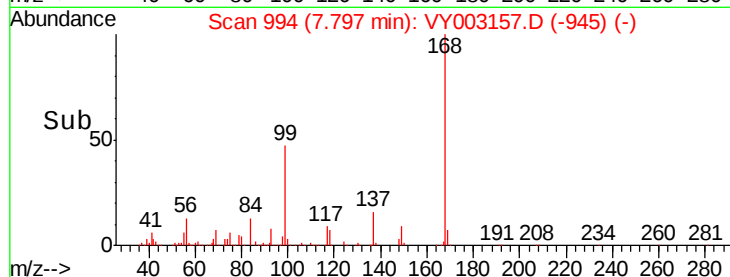
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 11.059 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003157.D

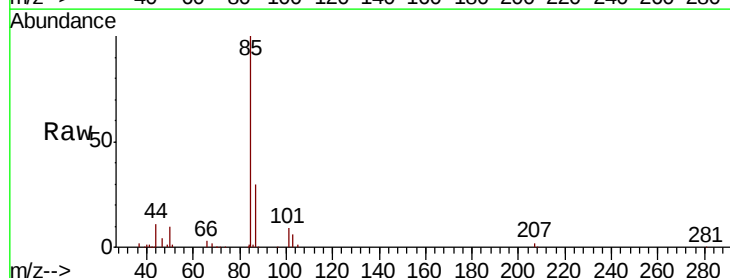
Acq: 10 Jul 2020 11:30

Tgt Ion: 85 Resp: 39237

Ion Ratio Lower Upper

85 100

87 30.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003157.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003157.D (-1) (-)

1.91

30000

25000

20000

15000

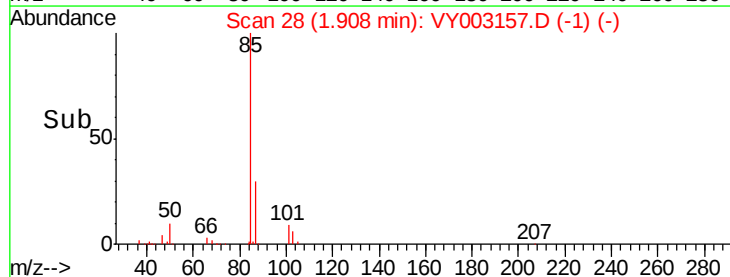
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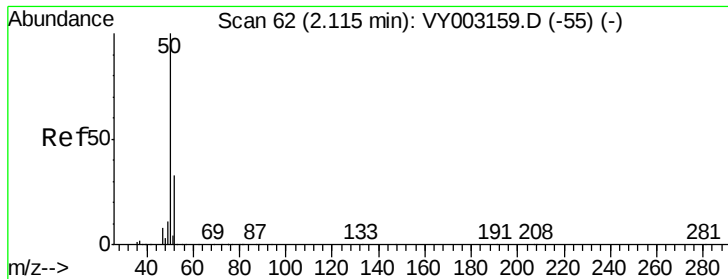
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0

1.85 1.90 1.95 2.00

Time-->





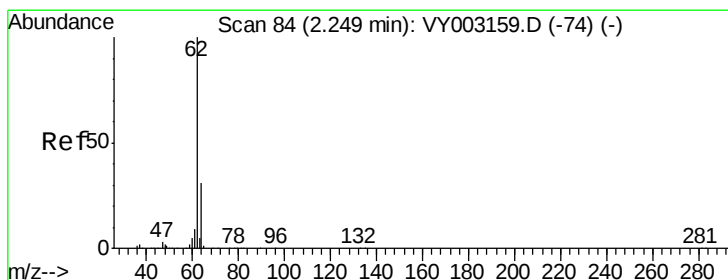
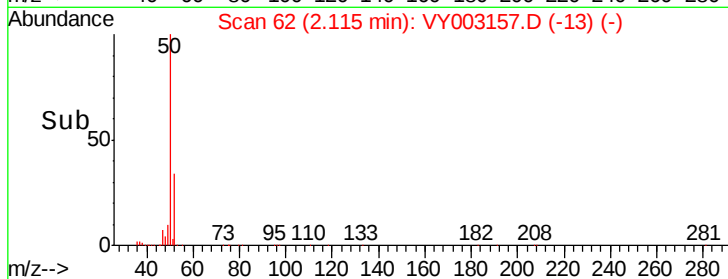
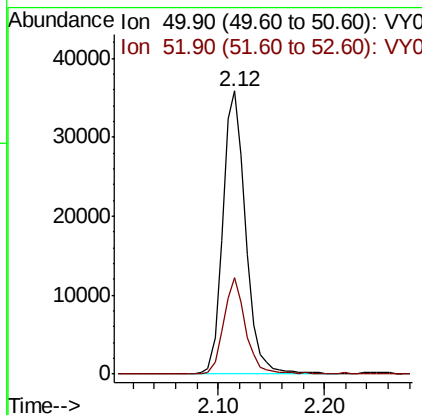
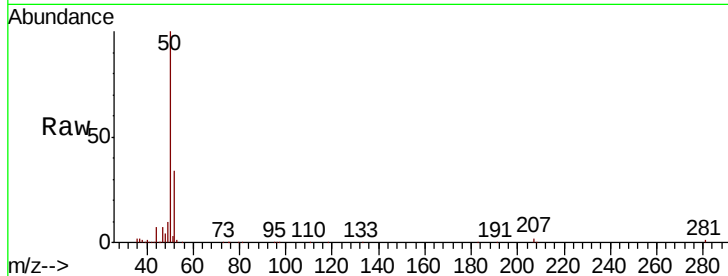
#3
Chloromethane
Concen: 10.178 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
50	100		
52	34.0	26.6	39.8

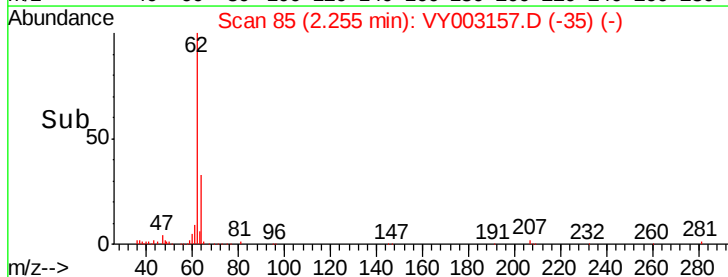
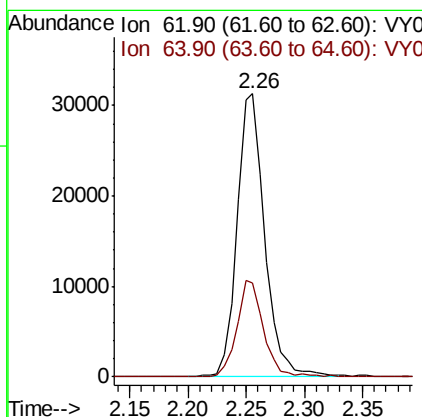
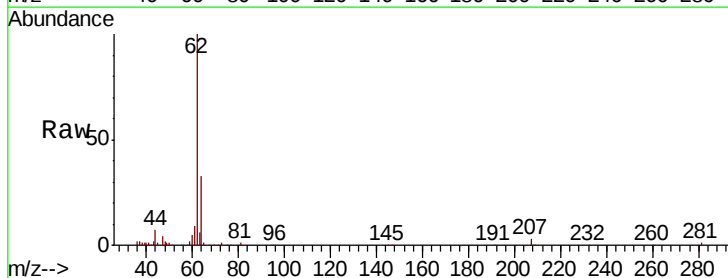
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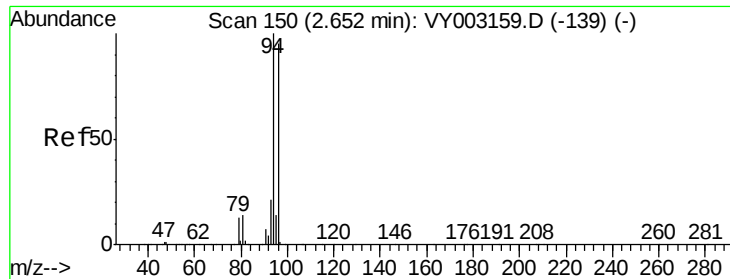
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#4
Vinyl Chloride
Concen: 10.138 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.4	24.6	37.0





#5

Bromomethane

Concen: 11.034 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 38870

Ion Ratio Lower Upper

94 100

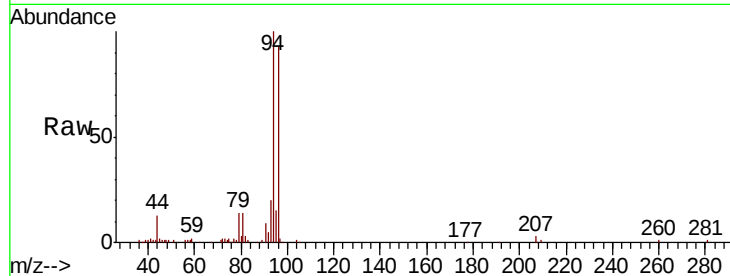
96 92.2 76.0 114.0

Manual Integrations

APPROVED

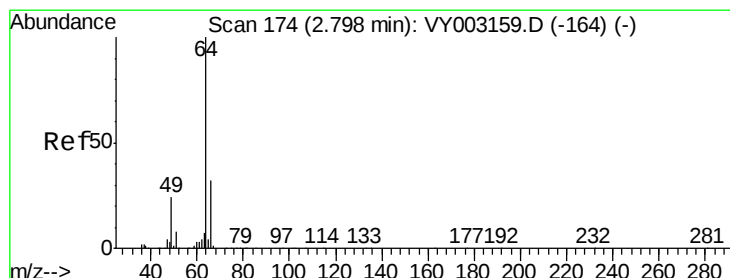
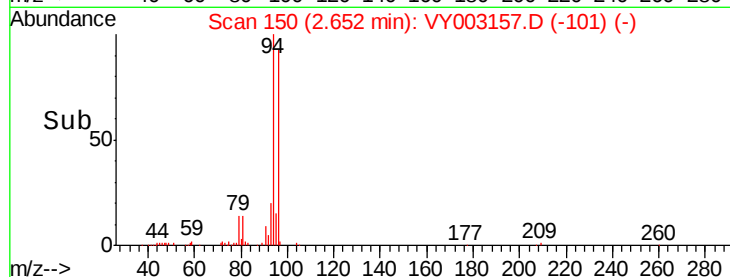
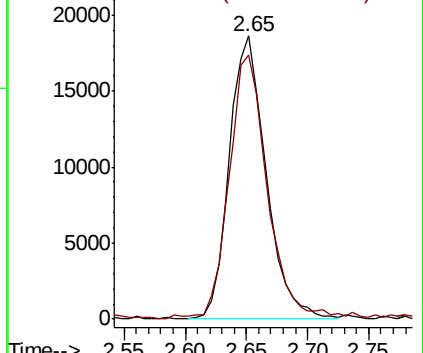
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 10.305 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003157.D

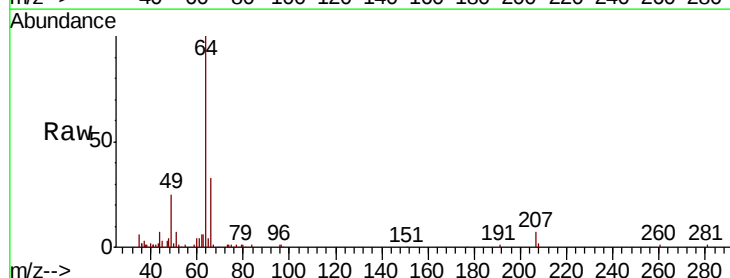
Acq: 10 Jul 2020 11:30

Tgt Ion: 64 Resp: 33780

Ion Ratio Lower Upper

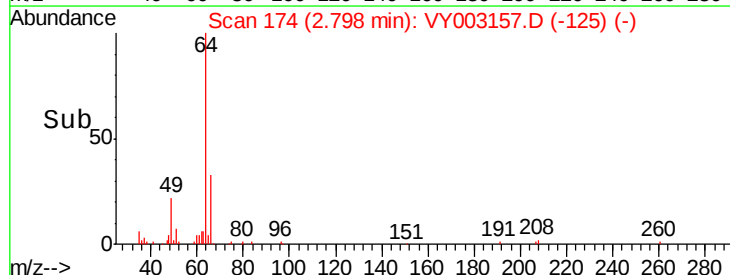
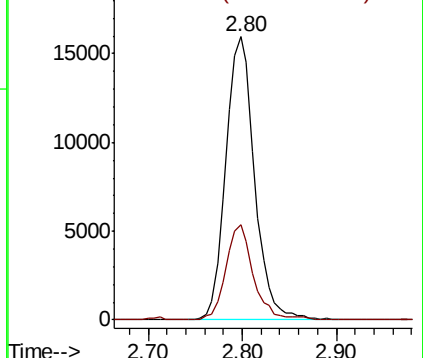
64 100

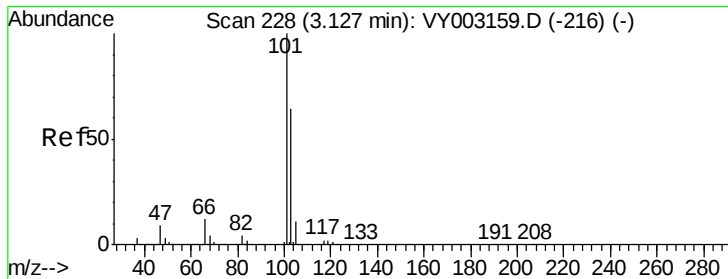
66 33.5 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

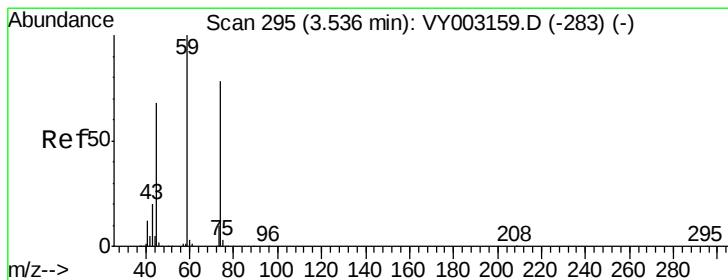
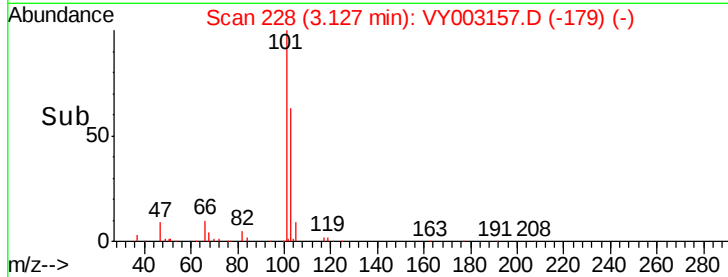
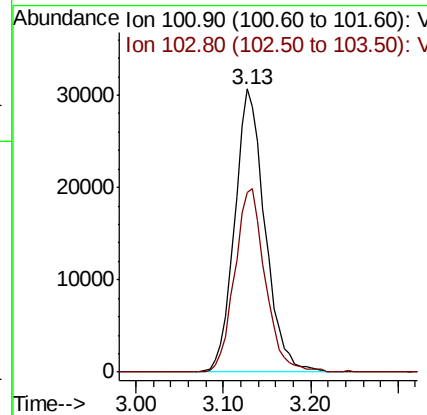
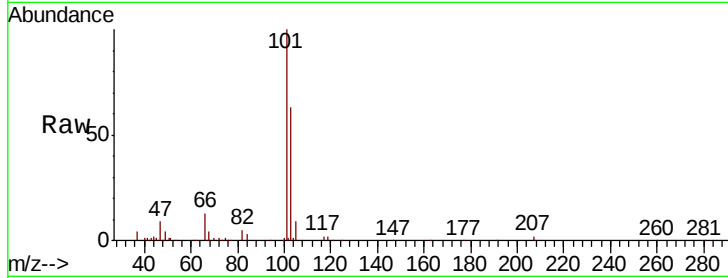
Trichlorofluoromethane
Concen: 10.237 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.3	76.9

Manual Integrations
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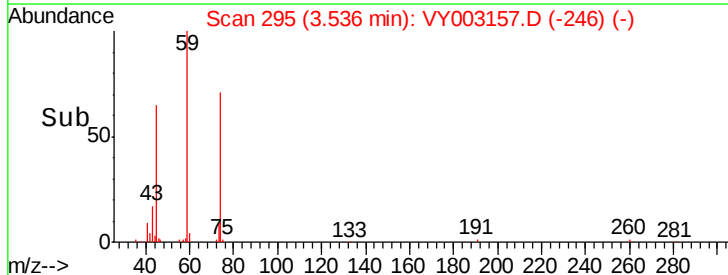
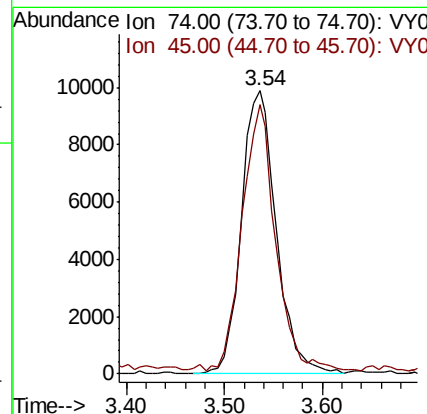
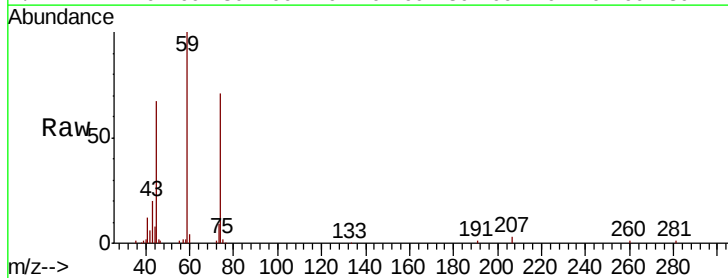
MMDadoda
7/13/2020 10:47:33 AM

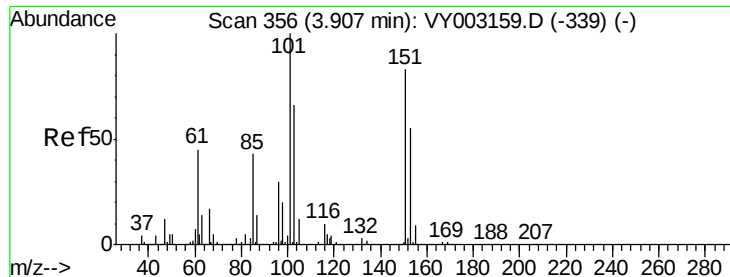


#8

Diethyl Ether
Concen: 9.847 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.7	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.086 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

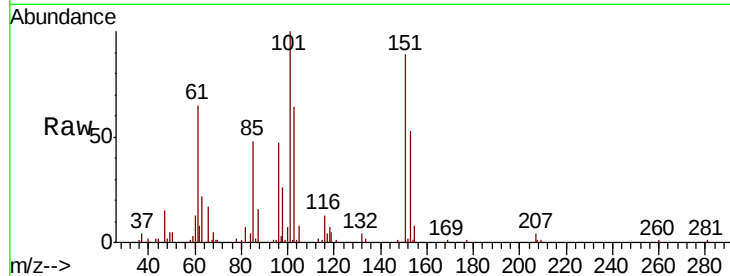
ClientSampleId :

VSTDIC010

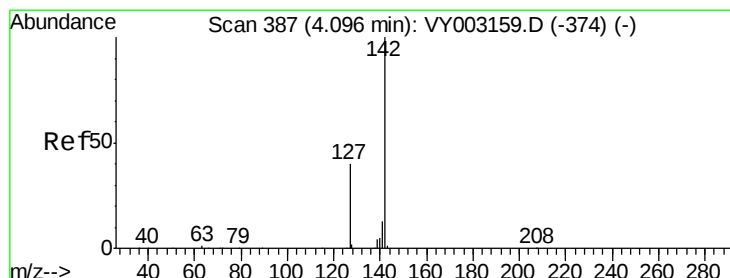
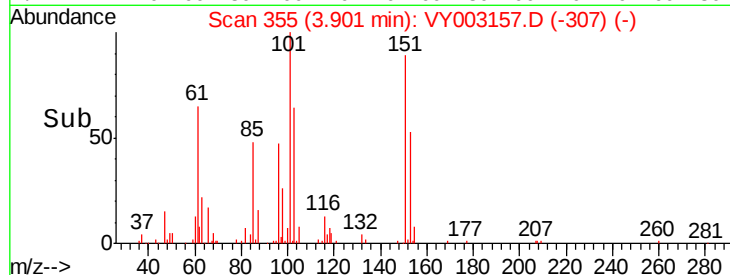
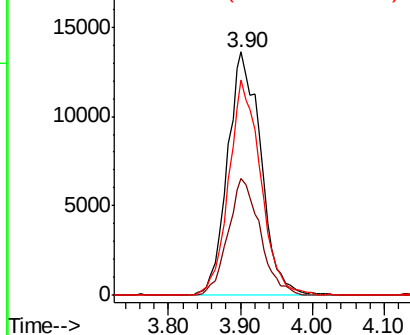
Tot Ion:	101	Resp:	43723
Ion Ratio	Lower	Upper	
101	100		
85	46.1	34.9	52.3
151	84.7	67.0	100.6

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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: 7.918 ug/l

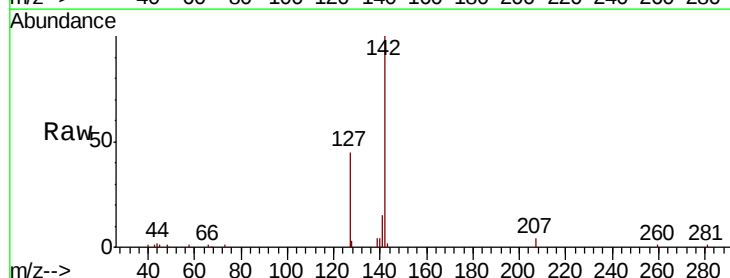
RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

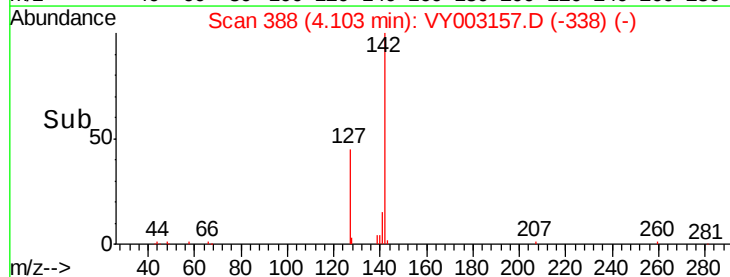
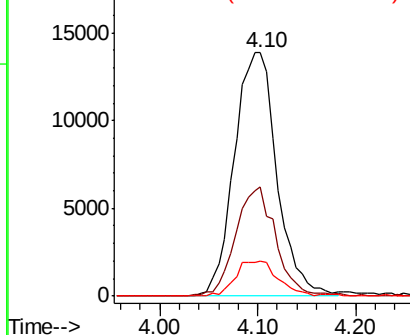
Lab File: VY003157.D

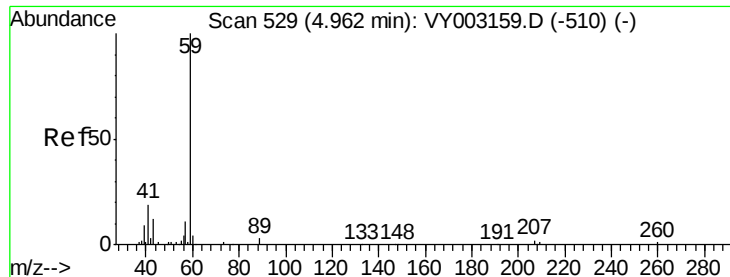
Acq: 10 Jul 2020 11:30

Tgt Ion:	142	Resp:	41887
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.5	50.3
141	14.2	11.2	16.8



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





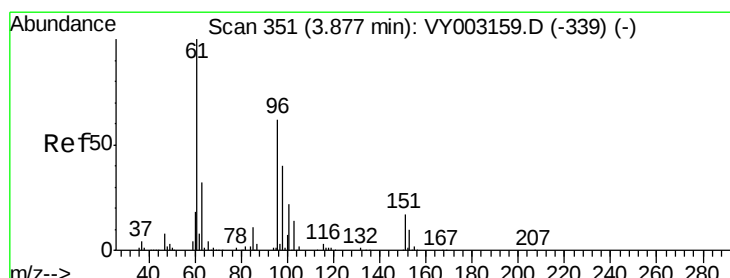
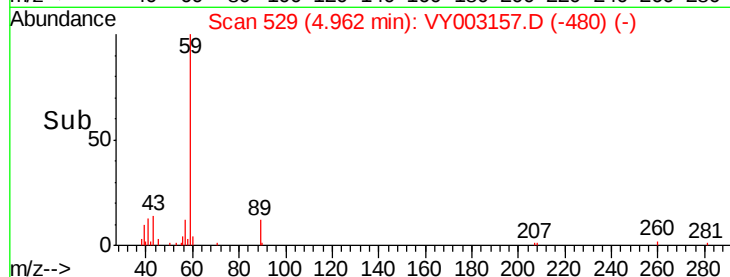
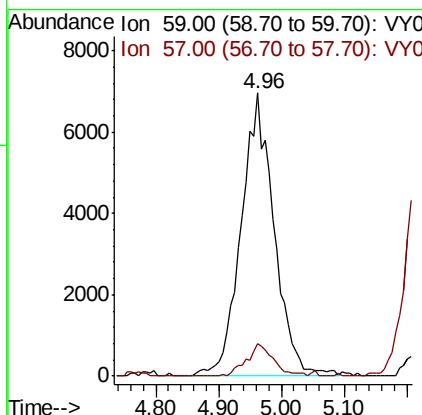
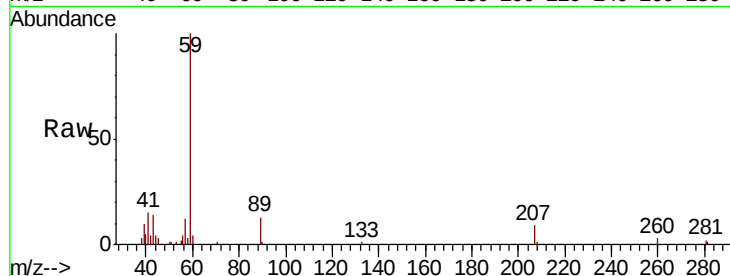
#11
Tert butyl alcohol
Concen: 53.471 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.4	12.6

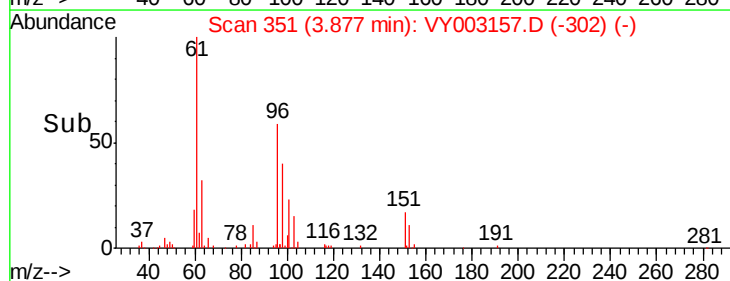
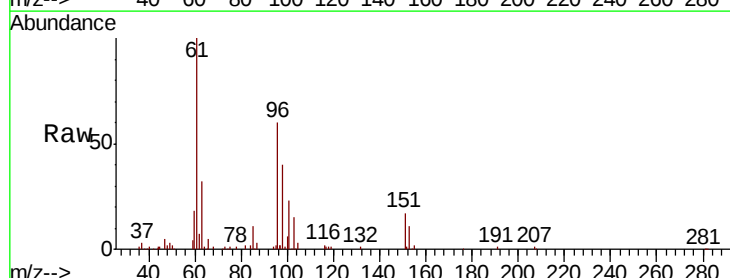
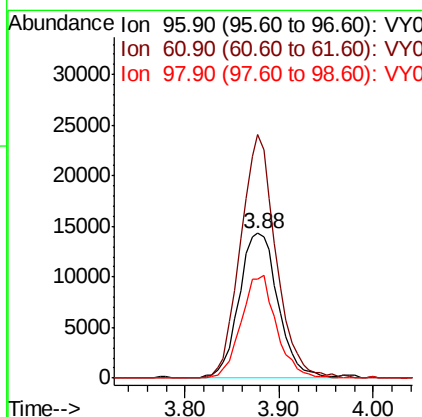
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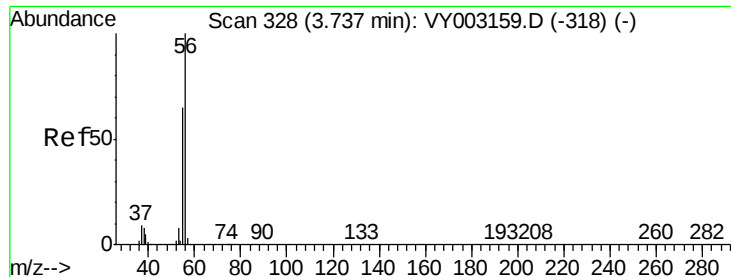
MMDadoda
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#12
1,1-Dichloroethene
Concen: 10.111 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.9	128.6	193.0
98	68.0	51.6	77.4





#13

Acrolein

Concen: 48.773 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 20826

Ion Ratio Lower Upper

56 100

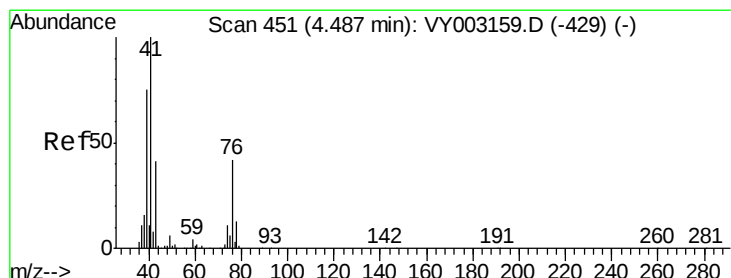
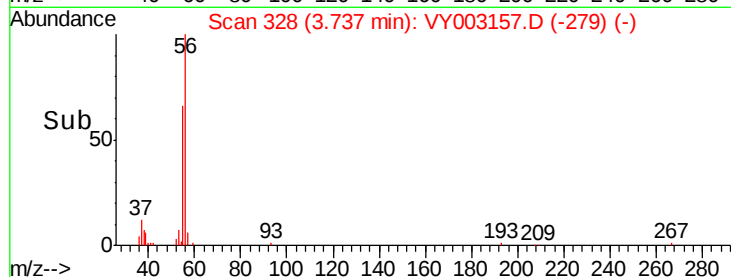
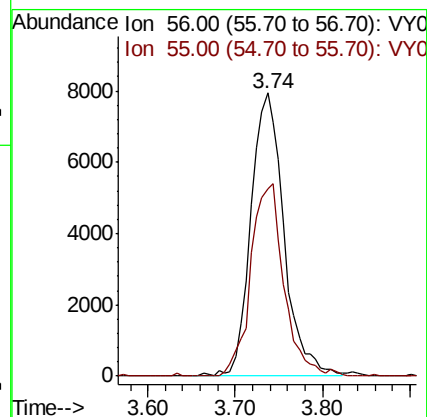
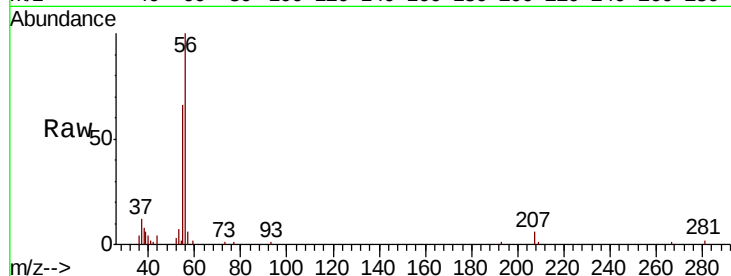
55 67.6 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 8.095 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

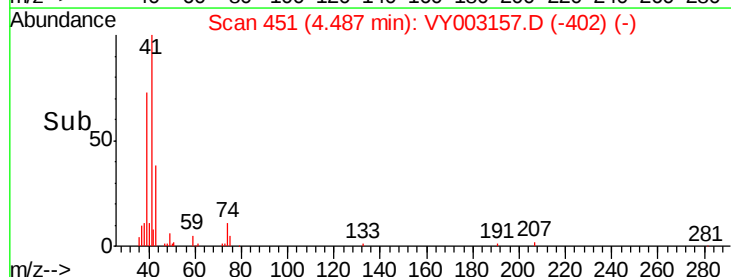
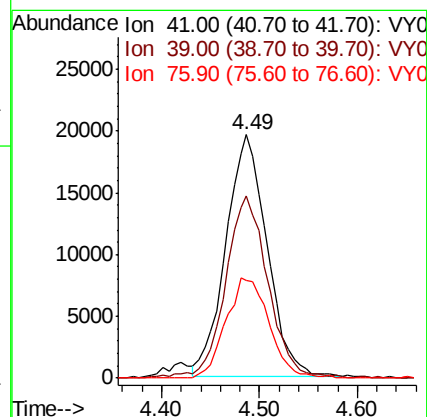
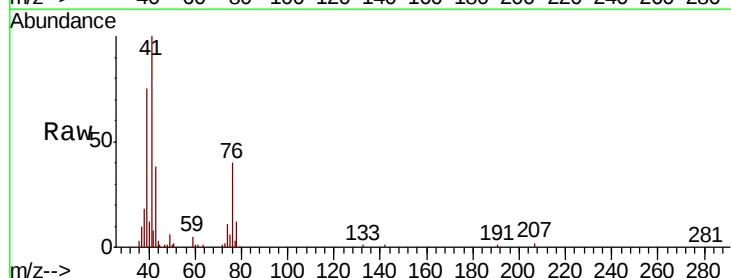
Tgt Ion: 41 Resp: 57196

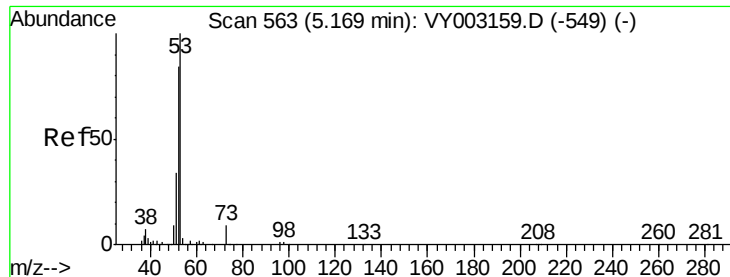
Ion Ratio Lower Upper

41 100

39 77.3 56.6 85.0

76 43.6 31.6 47.4





#15

Acrylonitrile

Concen: 45.933 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

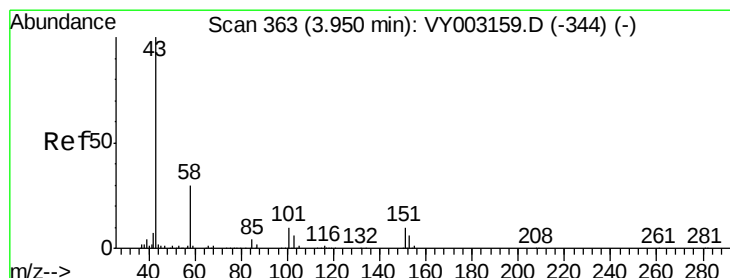
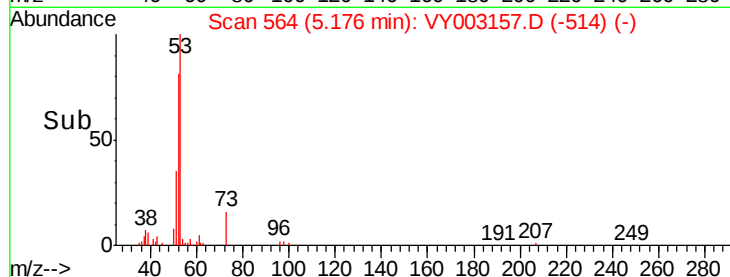
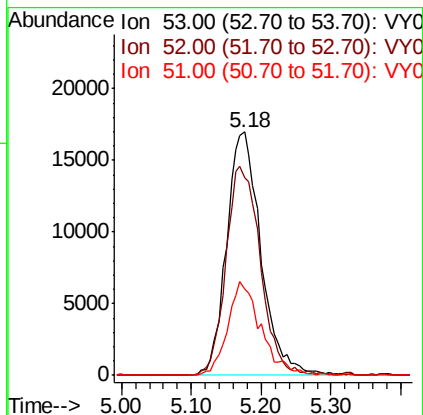
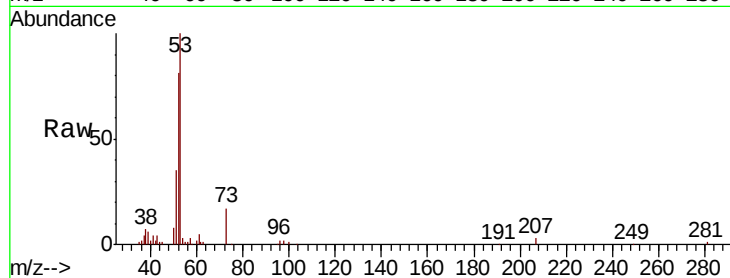
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	57935
Ion	Ratio	Lower	Upper
53	100		
52	85.8	65.8	98.6
51	37.0	29.0	43.4

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#16

Acetone

Concen: 43.432 ug/l

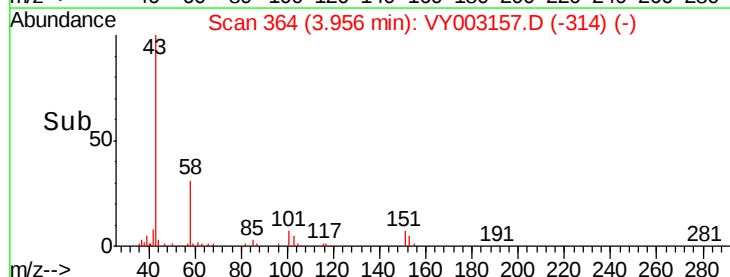
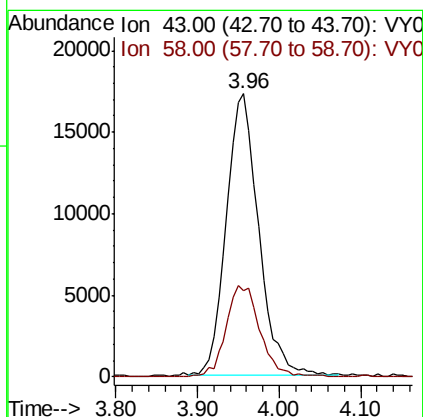
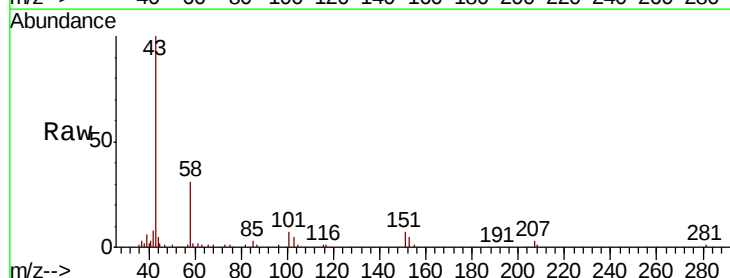
RT: 3.96 min Scan# 364

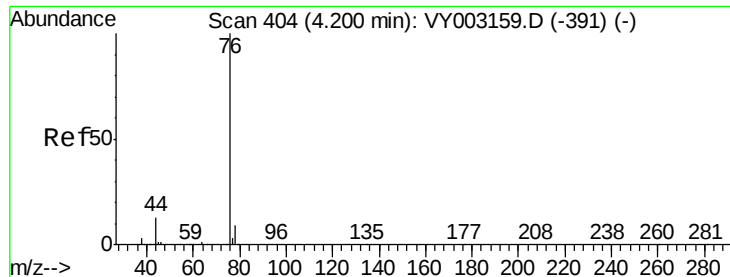
Delta R.T. 0.01 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Tgt Ion:	43	Resp:	46913
Ion	Ratio	Lower	Upper
43	100		
58	30.7	23.8	35.6





#17

Carbon Disulfide

Concen: 9.846 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 129001

Ion Ratio Lower Upper

76 100

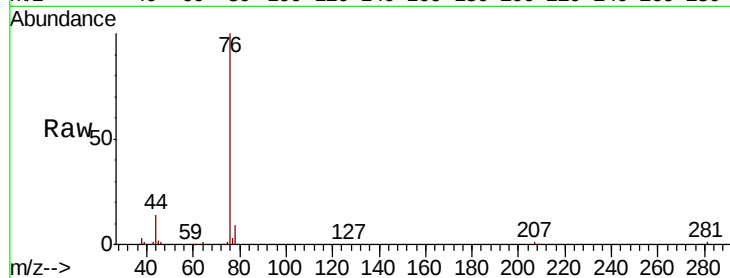
78 9.4 7.3 10.9

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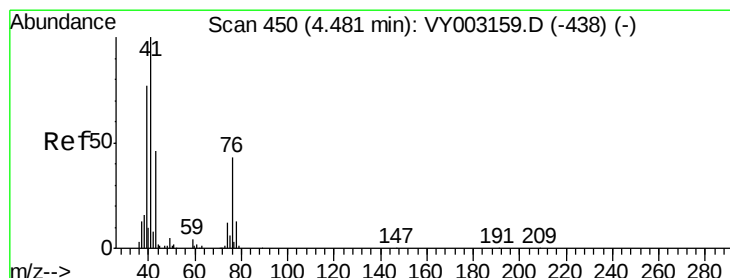
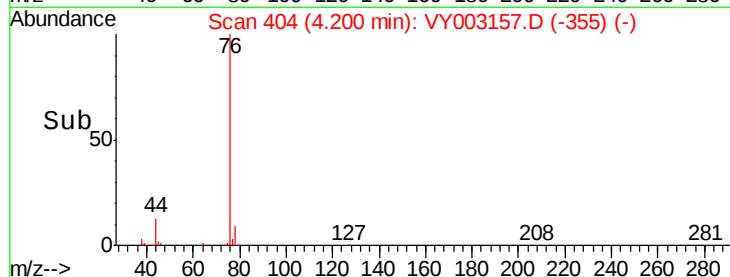
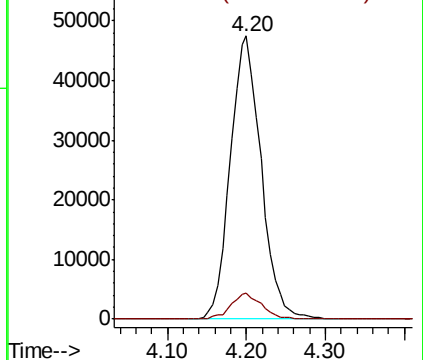
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 8.843 ug/l

RT: 4.47 min Scan# 449

Delta R.T. -0.01 min

Lab File: VY003157.D

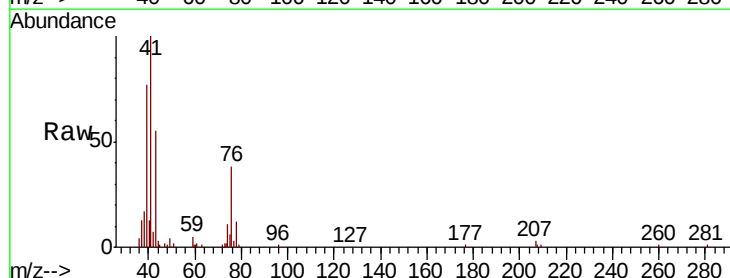
Acq: 10 Jul 2020 11:30

Tgt Ion: 43 Resp: 25953

Ion Ratio Lower Upper

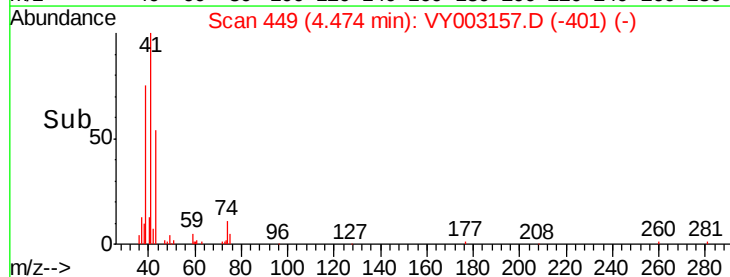
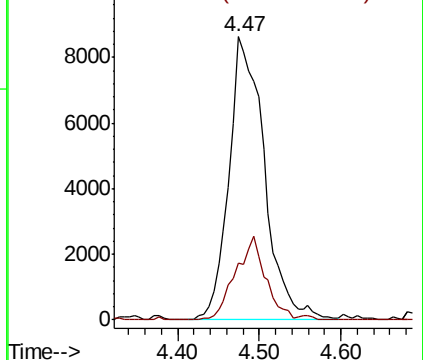
43 100

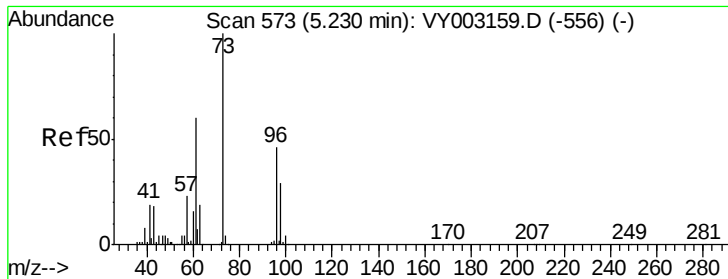
74 25.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





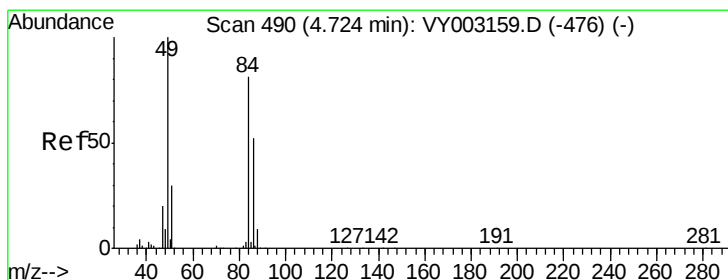
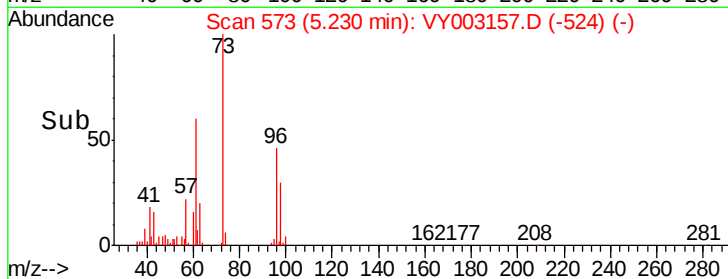
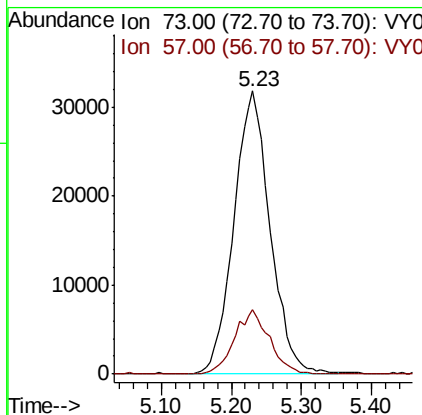
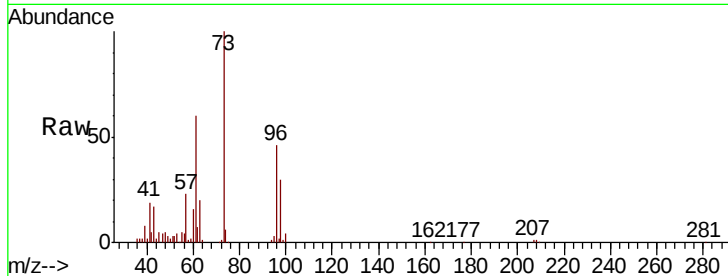
#19
Methvl tert-butvl Ether
Concen: 9.566 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.1	27.1

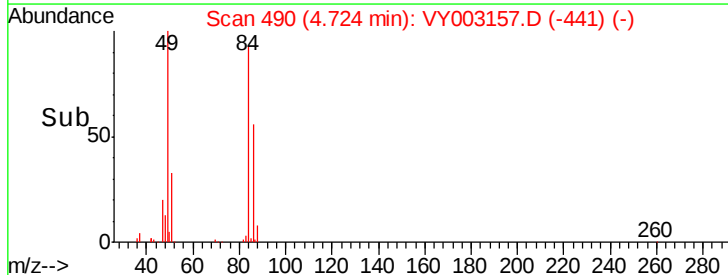
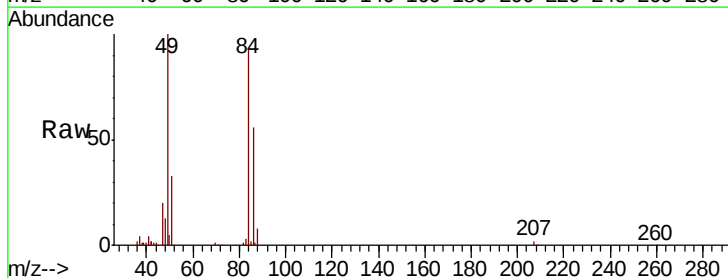
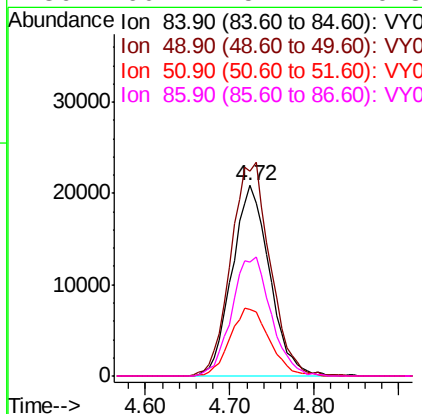
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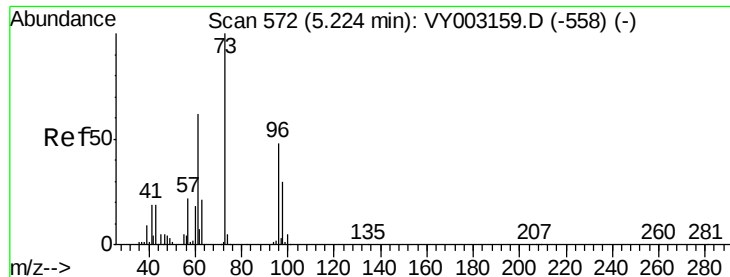
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#20
Methylene Chloride
Concen: 10.125 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.6	98.2	147.4
51	35.3	29.8	44.6
86	60.2	51.2	76.8





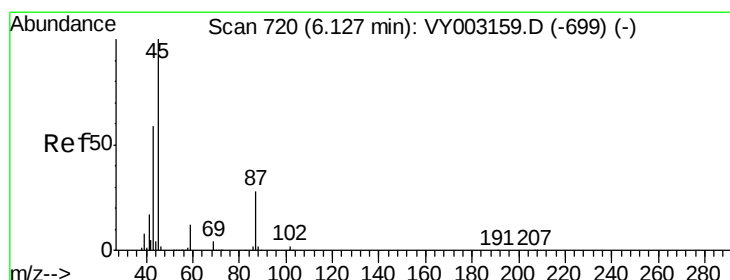
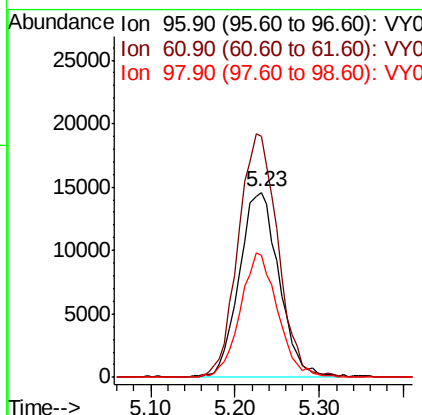
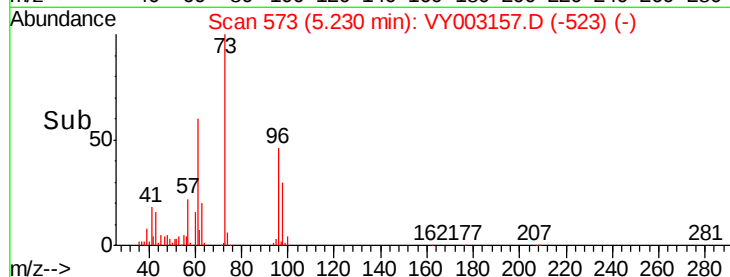
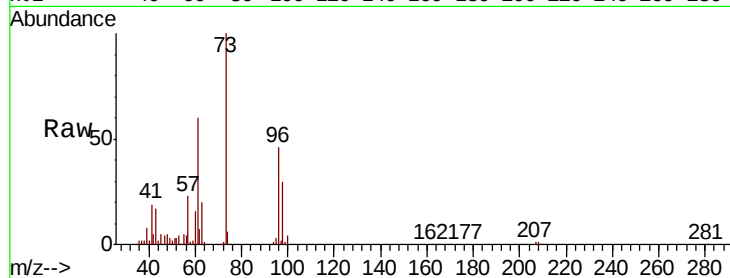
#21
trans-1,2-Dichloroethene
Concen: 10.006 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.3	102.5	153.7
98	66.0	49.8	74.8

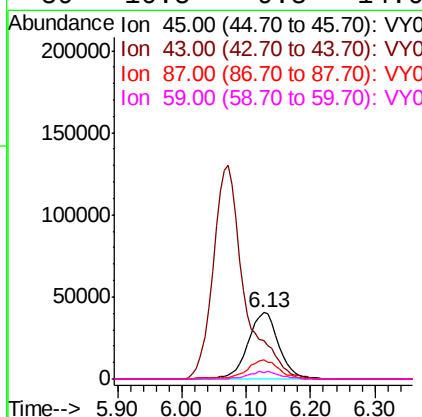
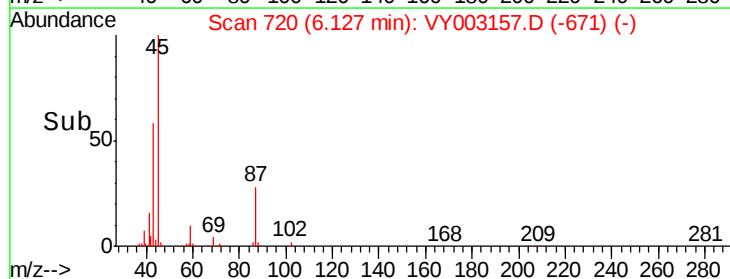
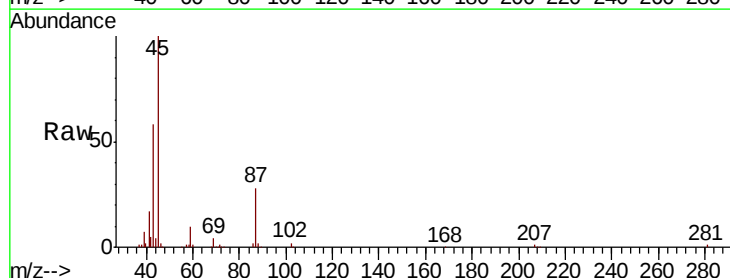
Manual Integrations
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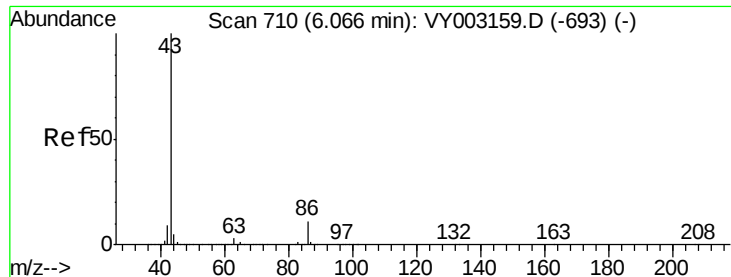
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#22
Diisopropyl ether
Concen: 8.756 ug/l
RT: 6.13 min Scan# 720
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.3	47.0	70.4
87	28.2	22.6	33.8
59	10.5	9.8	14.6





#23

Vinyl Acetate

Concen: 43.332 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 439251

Ion Ratio Lower Upper

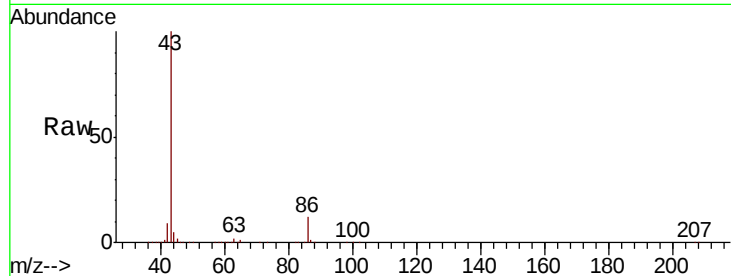
43 100

86 12.0 8.8 13.2

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

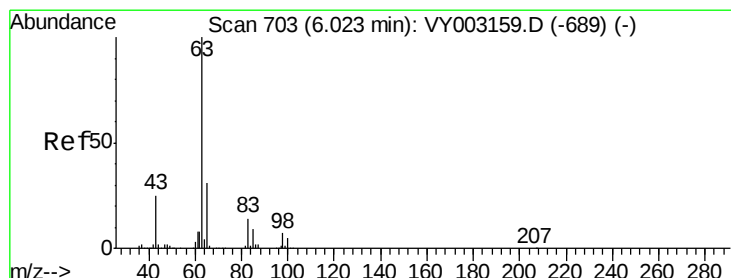
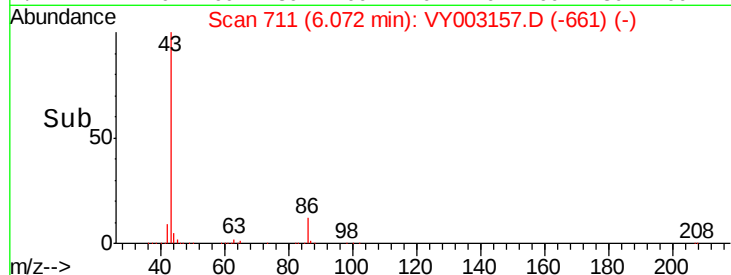
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 9.388 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

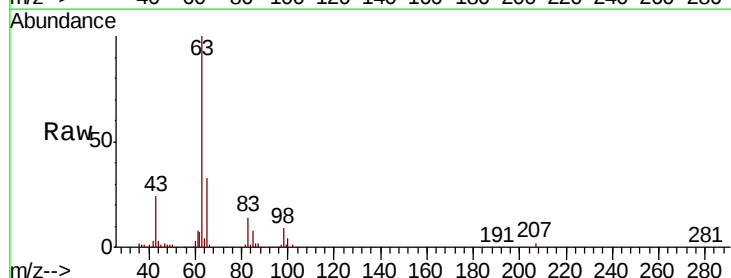
Tgt Ion: 63 Resp: 78672

Ion Ratio Lower Upper

63 100

98 8.7 3.6 10.8

100 3.7 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

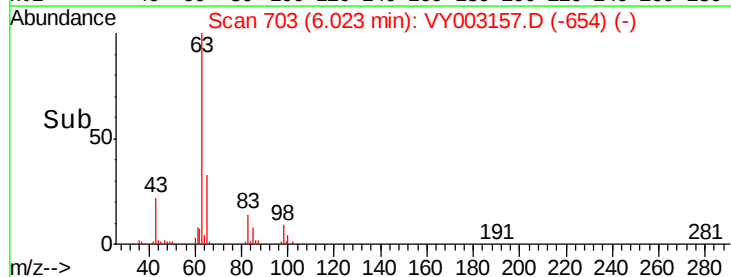
30000

20000

10000

0

Time--> 5.90 6.00 6.10





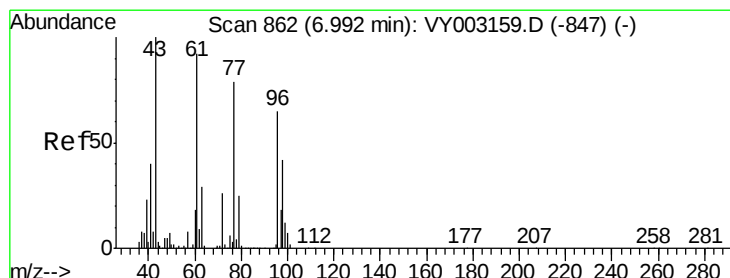
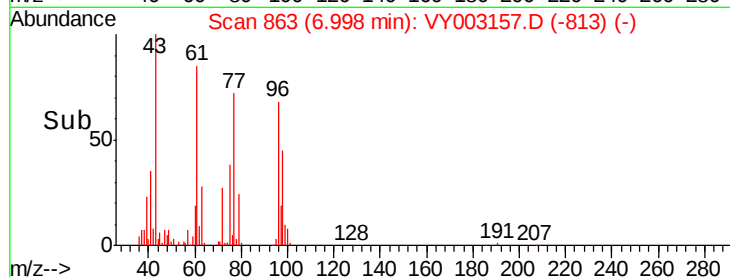
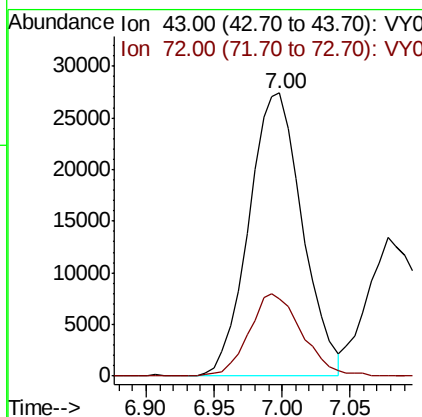
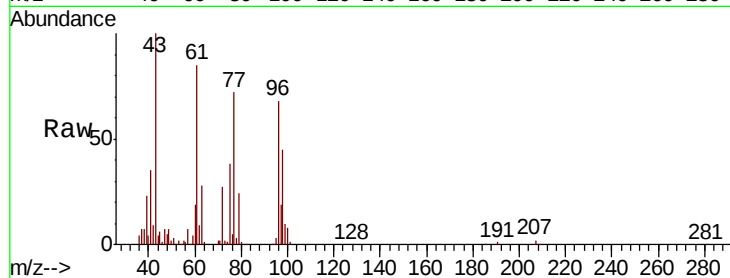
#25
2-Butanone
Concen: 43.747 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
72	27.2	20.9	31.3

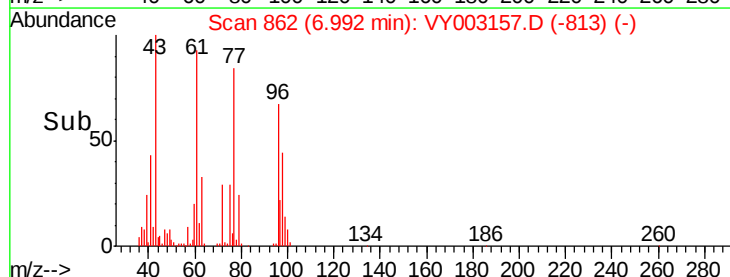
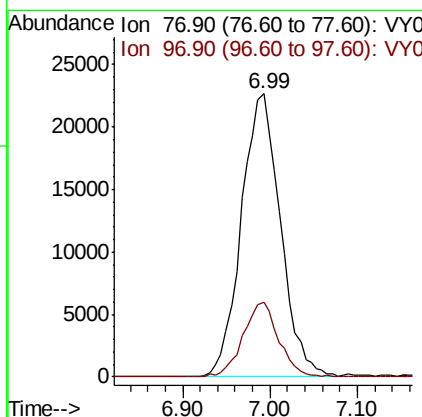
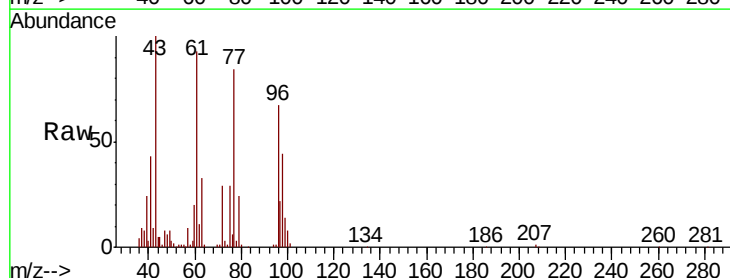
Manual Integrations
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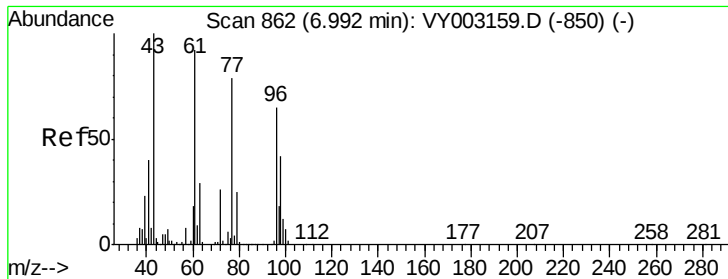
MMDadoda
7/13/2020 10:47:33 AM



#26
2,2-Dichloropropane
Concen: 9.281 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
77	100		
97	24.0	11.6	34.7





#27

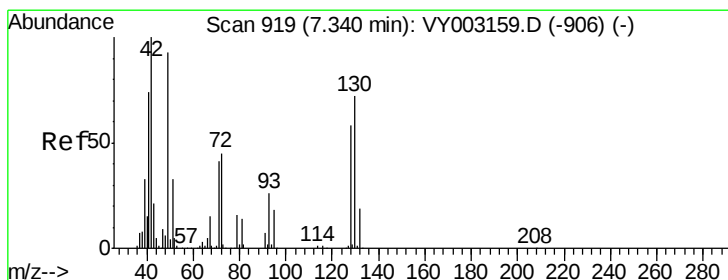
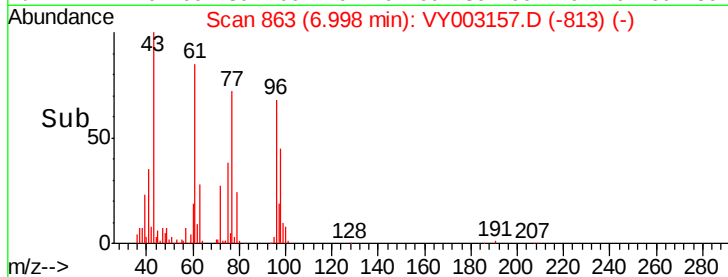
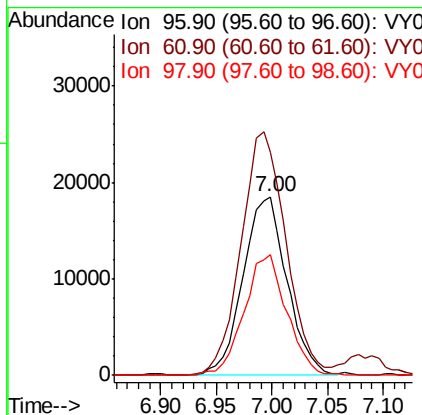
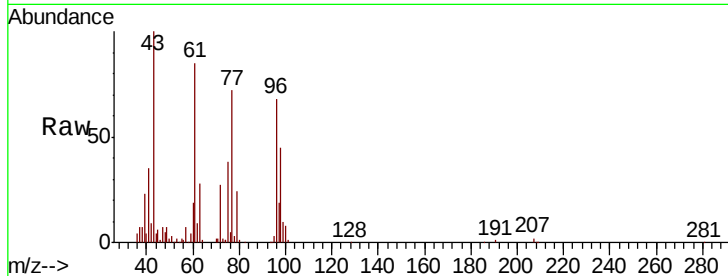
cis-1,2-Dichloroethene
Concen: 9.700 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	281.2
98	65.3	0.0	129.8

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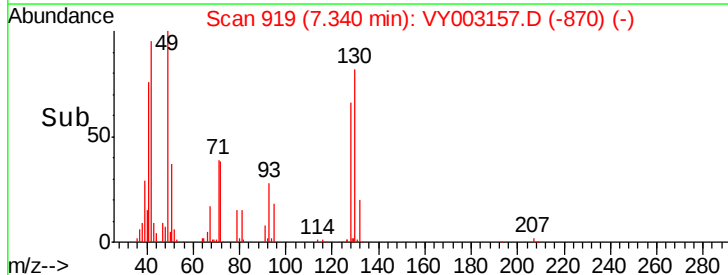
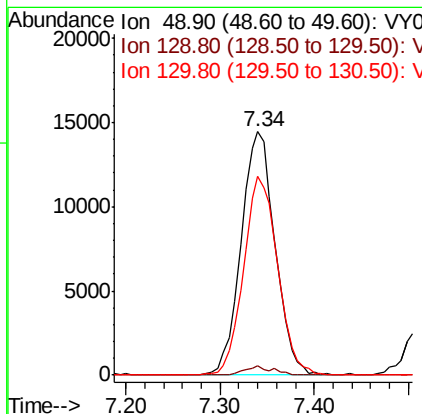
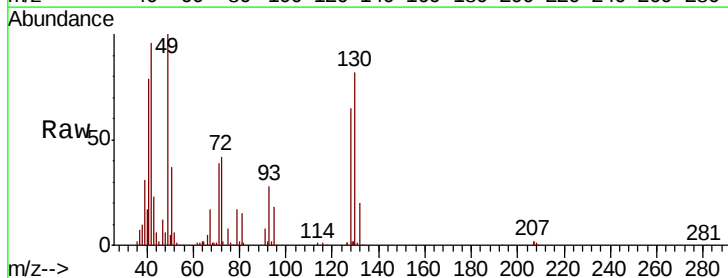
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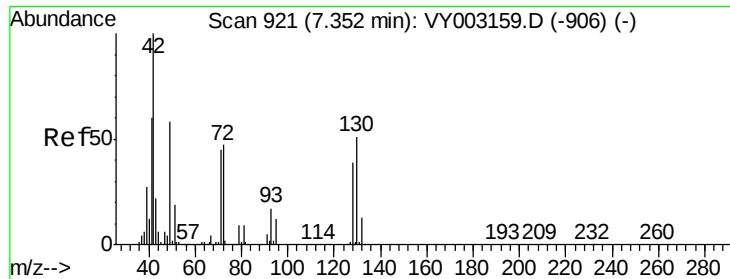


#28

Bromochloromethane
Concen: 9.904 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	81.7	64.9	97.3





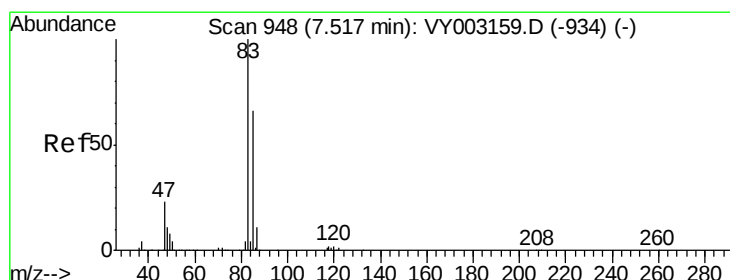
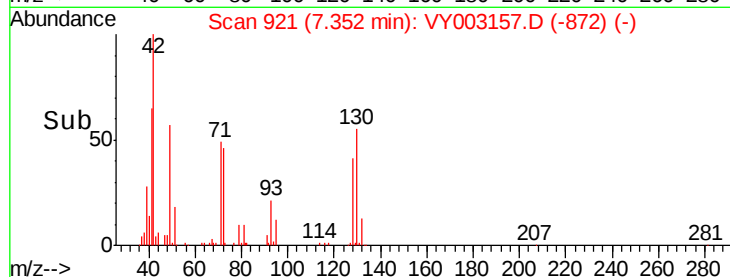
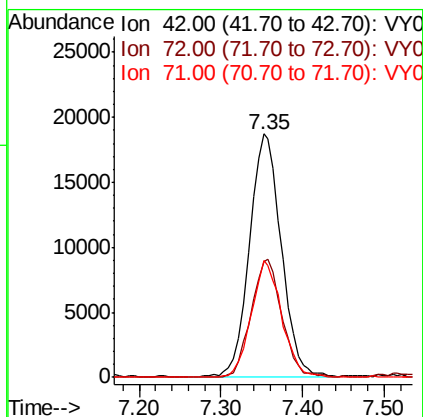
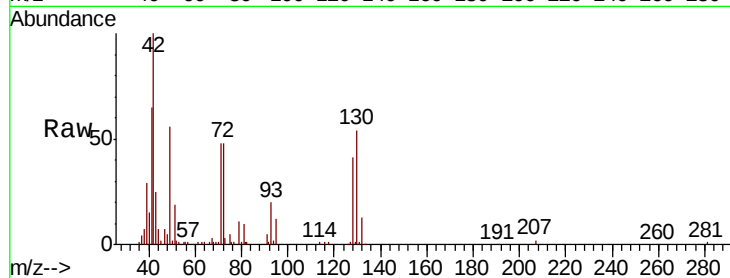
#29
Tetrahydrofuran
Concen: 44.438 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	36.7	55.1
71	45.4	34.2	51.4

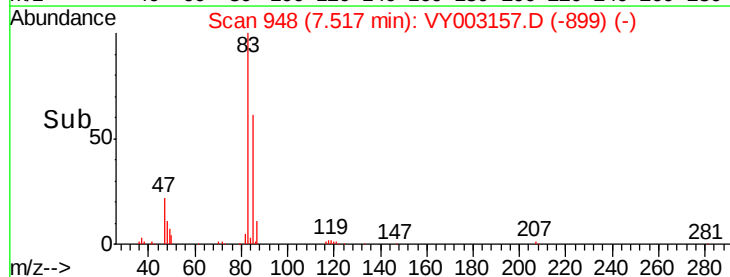
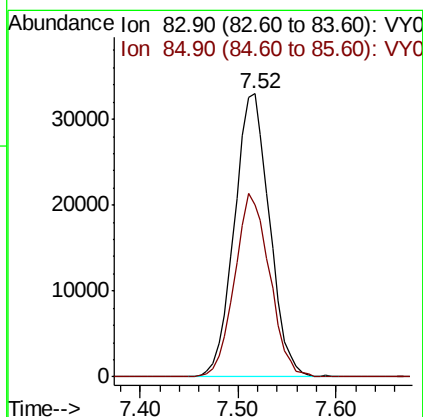
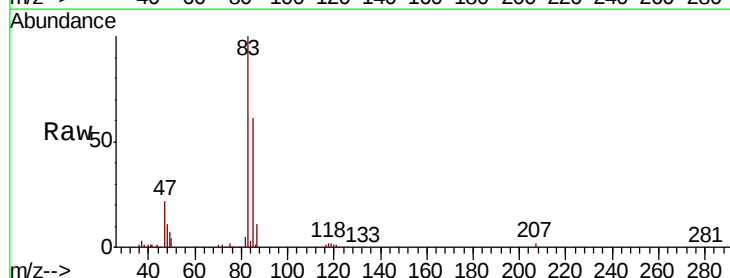
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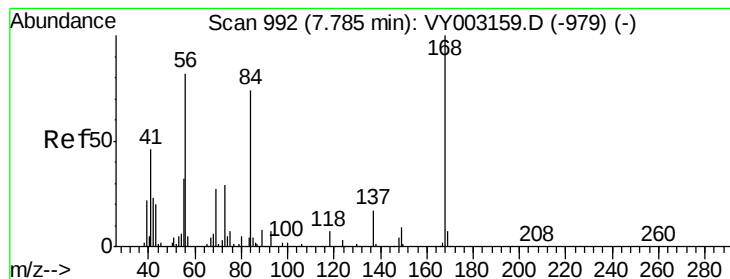
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#30
Chloroform
Concen: 9.845 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.6	52.6	78.8





#31

Cyclohexane

Concen: 9.488 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 78251

Ion Ratio Lower Upper

56 100

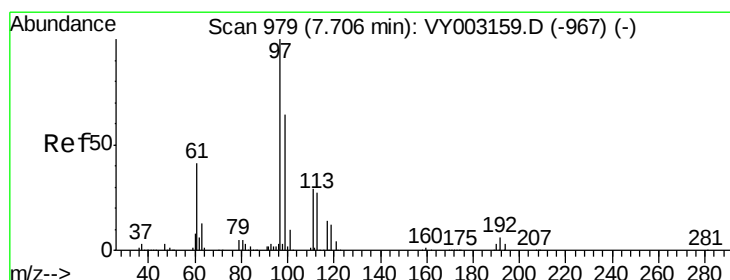
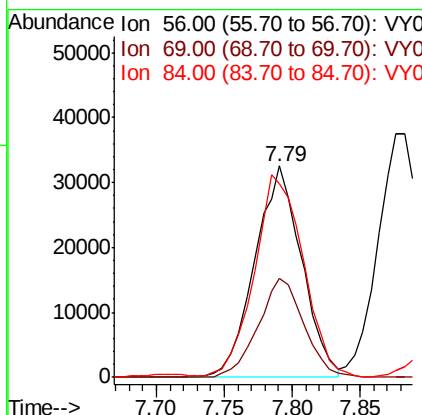
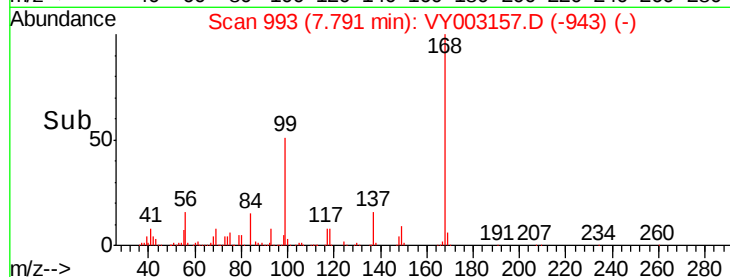
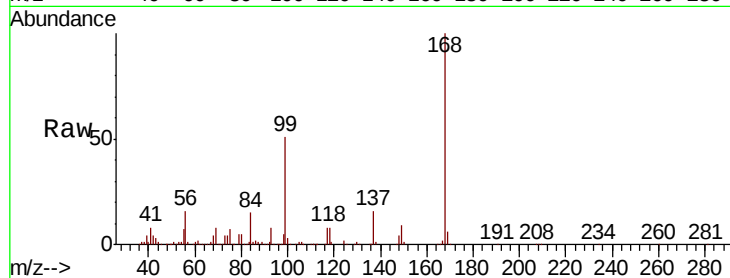
69 46.9 26.7 40.1#

84 90.8 72.3 108.5

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#32

1,1,1-Trichloroethane

Concen: 9.609 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

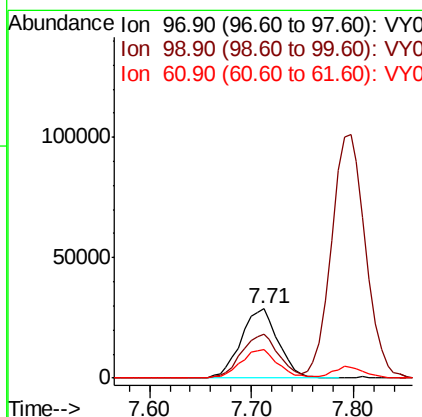
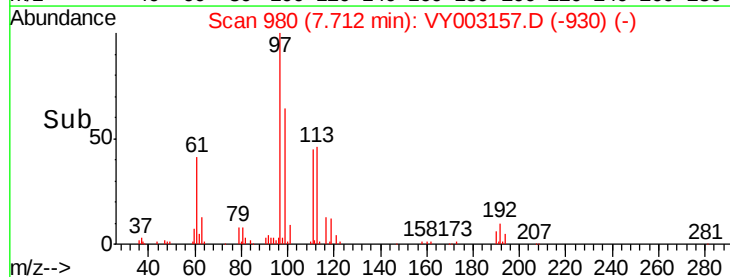
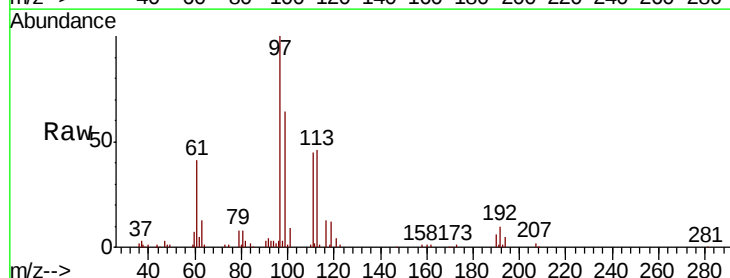
Tgt Ion: 97 Resp: 72998

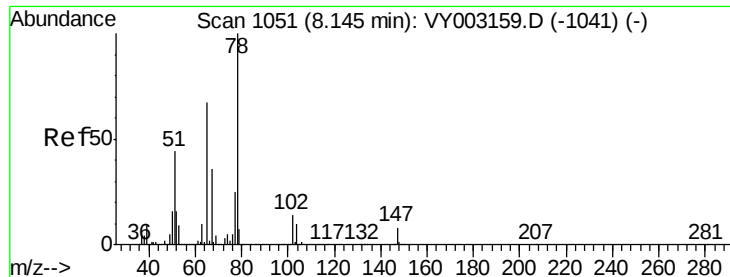
Ion Ratio Lower Upper

97 100

99 63.8 52.1 78.1

61 41.1 33.9 50.9





#33

1,2-Dichloroethane-d4

Concen: 9.267 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 65 Resp: 42797

Ion Ratio Lower Upper

65 100

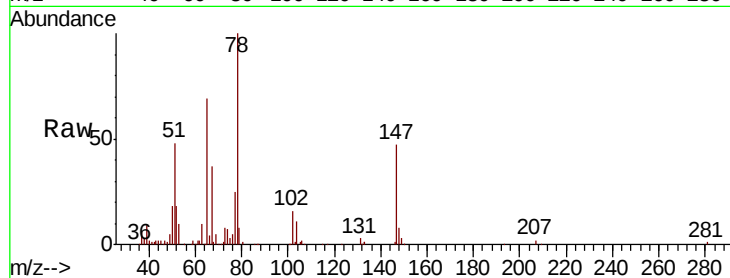
67 56.1 0.0 105.2

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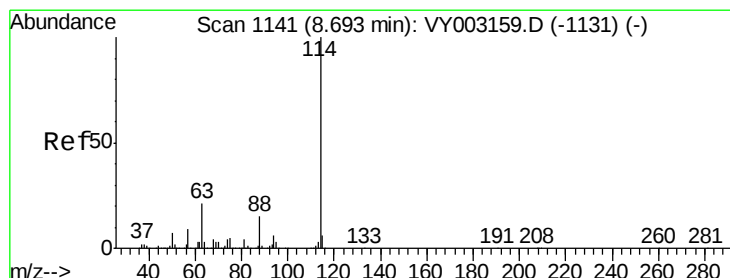
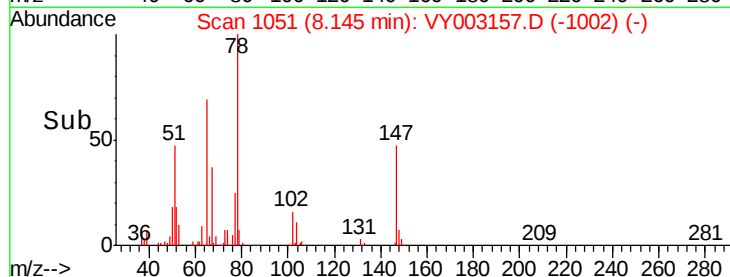
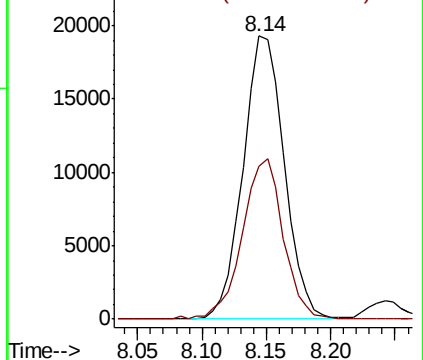
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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

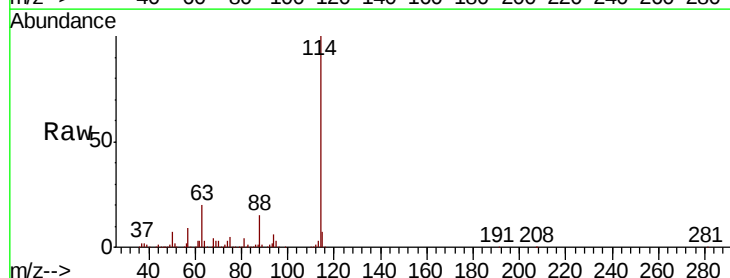
Tgt Ion: 114 Resp: 702256

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.2

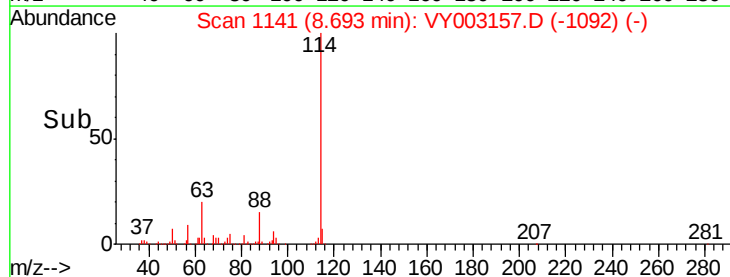
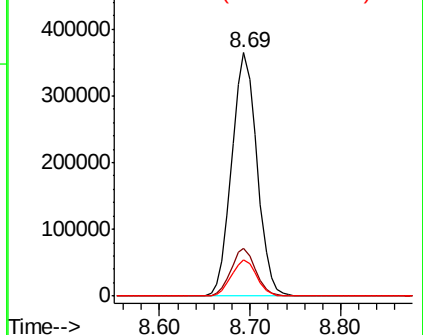
88 14.7 0.0 30.2

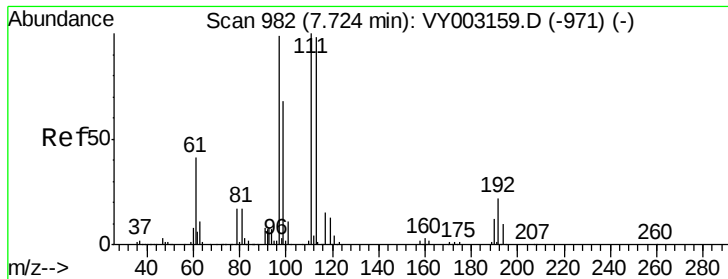


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 9.623 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

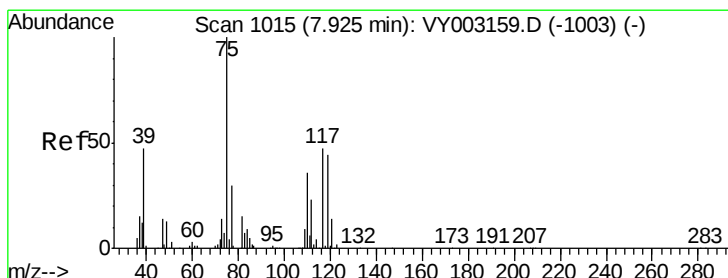
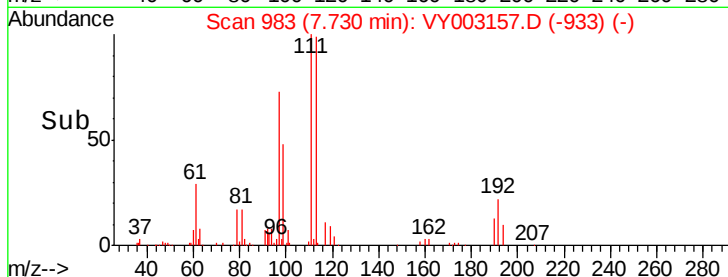
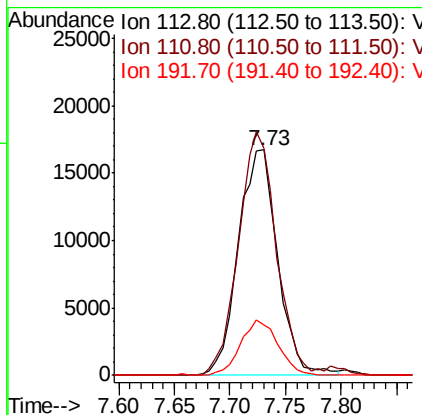
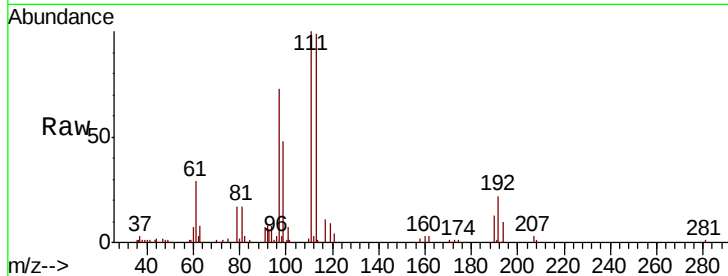
ClientSampleId :

VSTDIC010

Tot Ion:	113	Resp:	41085
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.1	123.1
192	23.5	18.8	28.2

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#36

1,1-Dichloropropene

Concen: 9.606 ug/l

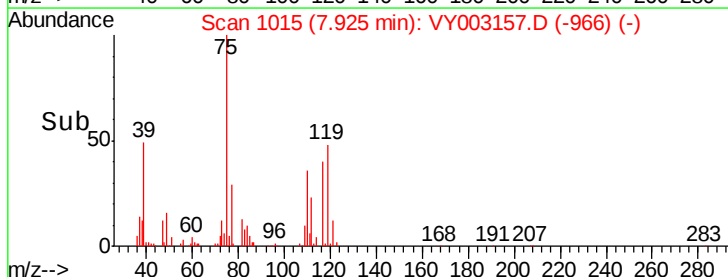
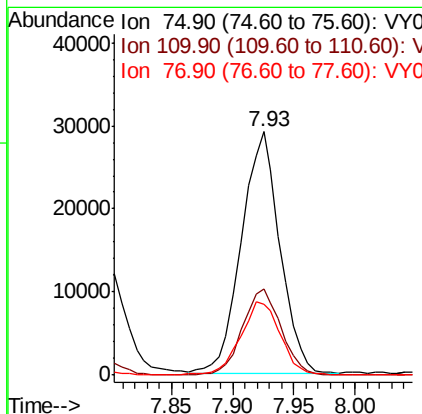
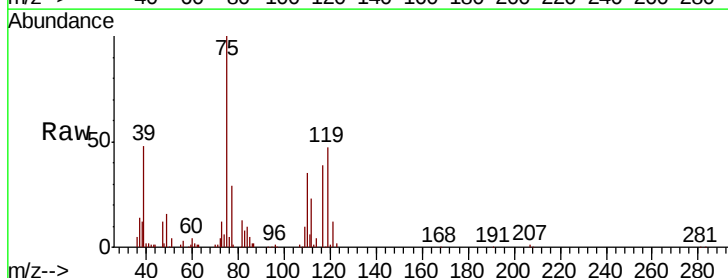
RT: 7.93 min Scan# 1015

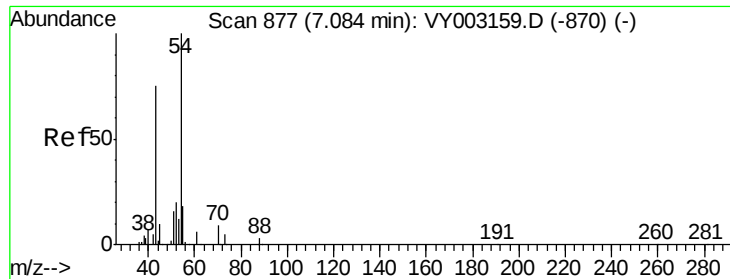
Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Tgt Ion:	75	Resp:	63902
Ion	Ratio	Lower	Upper
75	100		
110	35.3	18.1	54.1
77	31.4	24.8	37.2





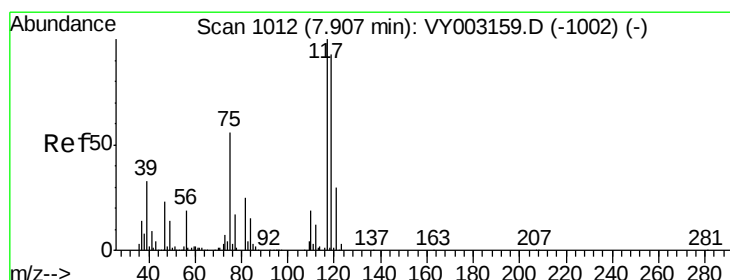
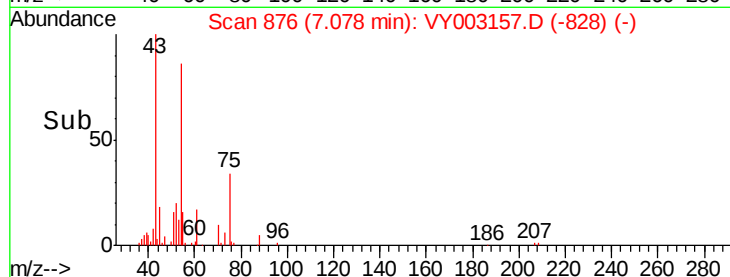
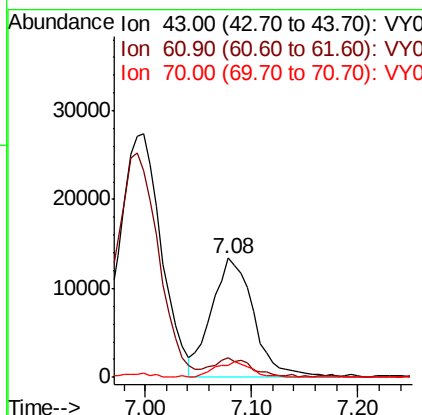
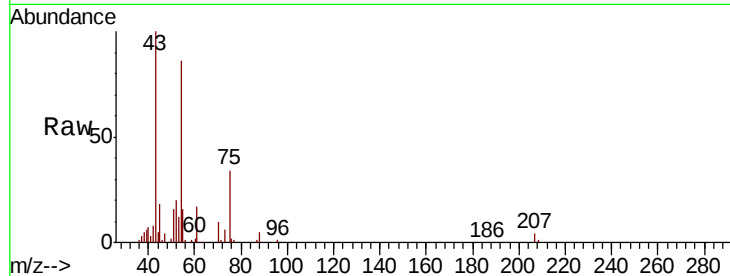
#37
Ethyl Acetate
Concen: 9.319 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.8	17.6
70	11.5	8.6	13.0

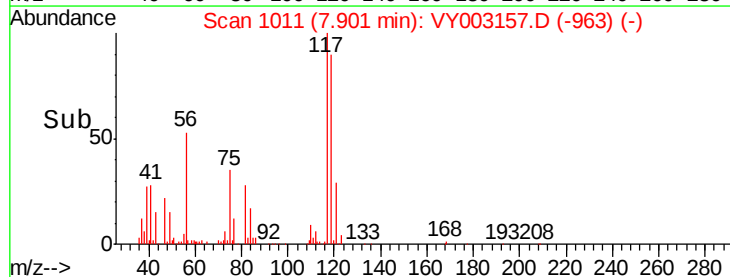
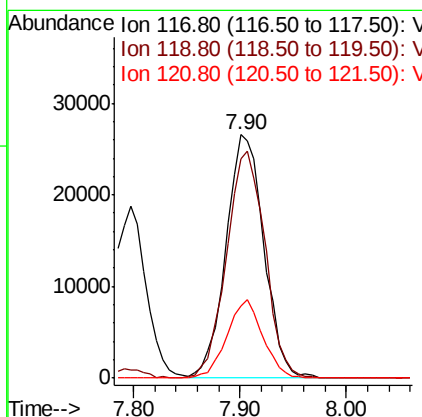
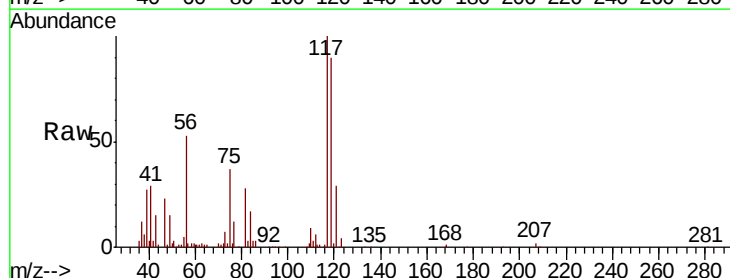
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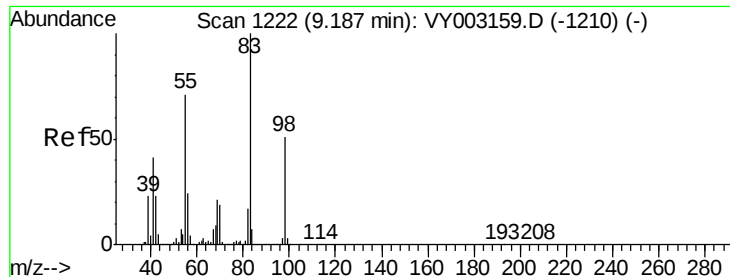
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#38
Carbon Tetrachloride
Concen: 9.582 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.0	74.5	111.7
121	29.4	24.2	36.2





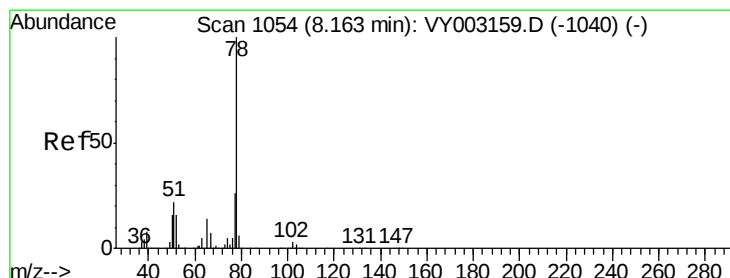
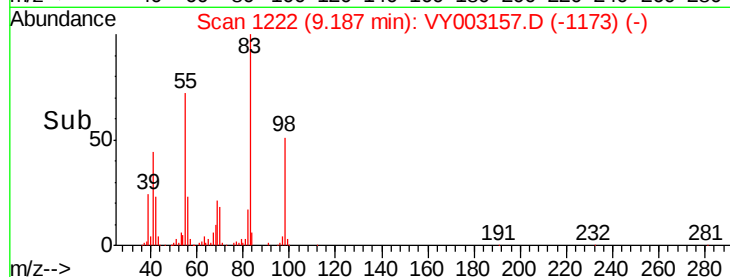
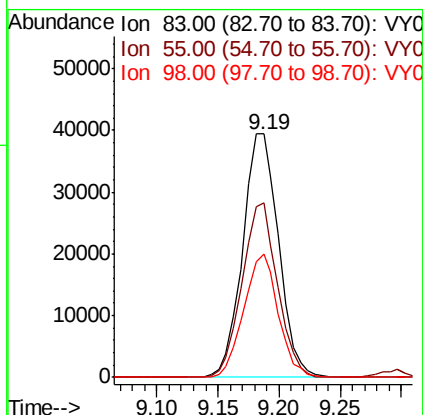
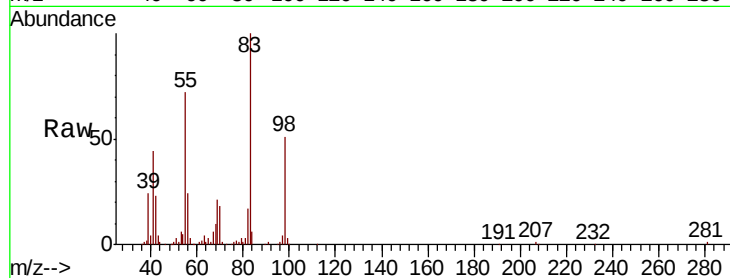
#39
Methvlcvclohexane
Concen: 9.761 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	57.2	85.8
98	50.8	41.0	61.6

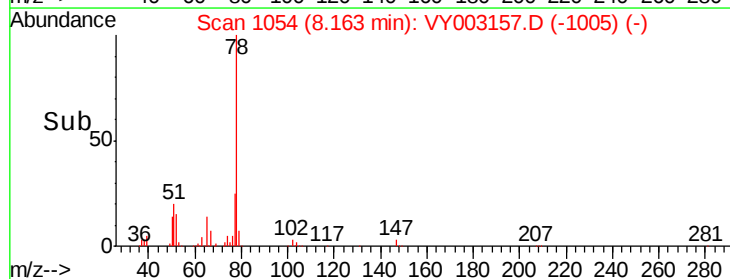
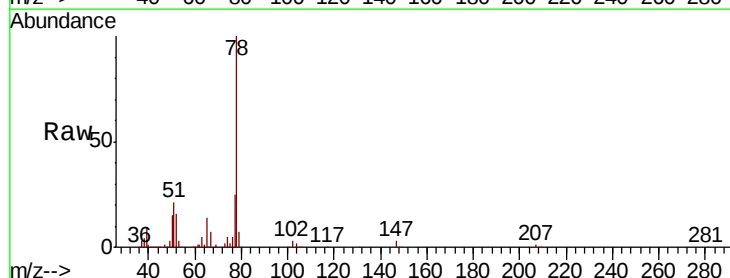
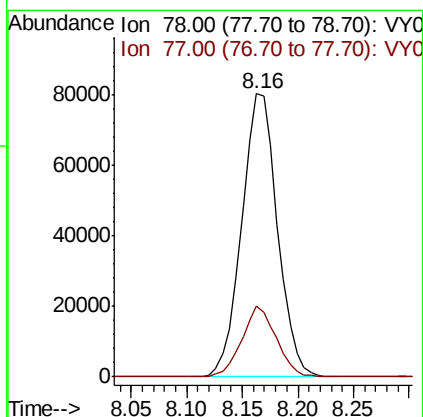
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#40
Benzene
Concen: 9.812 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	20.7	31.1





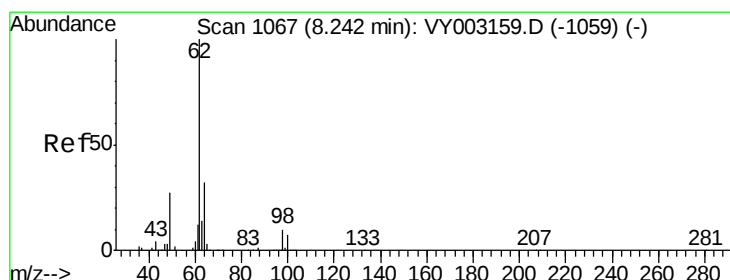
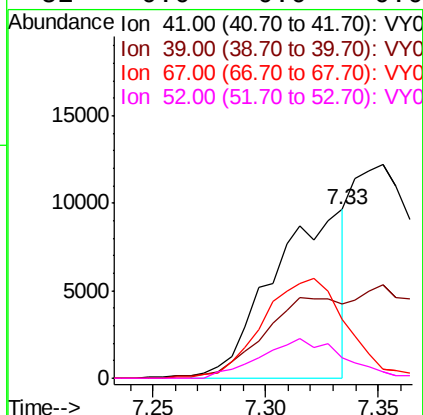
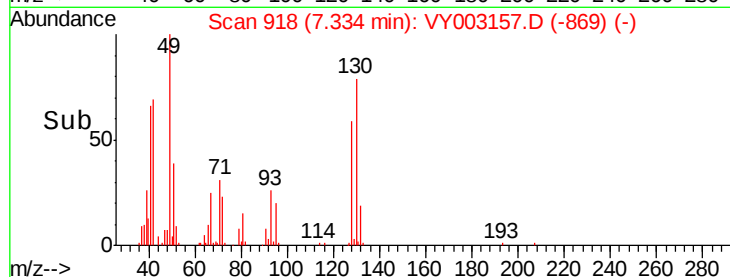
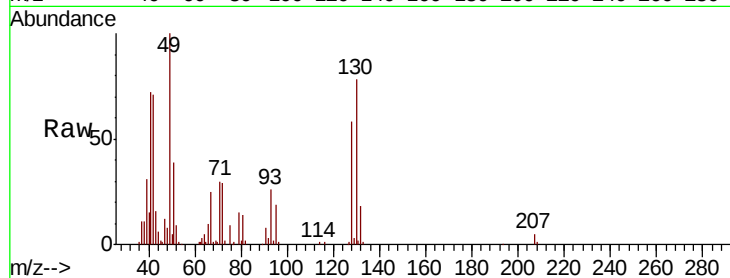
#41
Methacrylonitrile
Concen: 10.261 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	41	Resp	21427
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

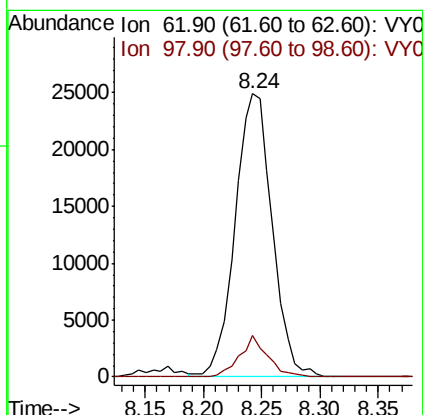
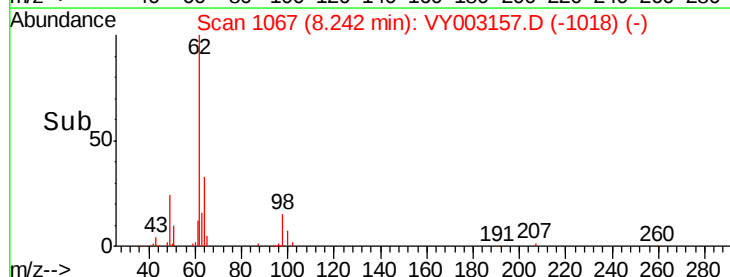
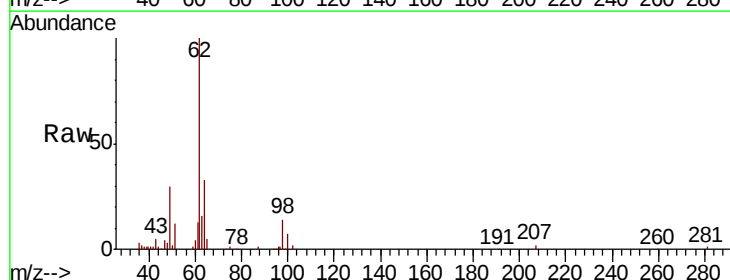
Manual Integrations
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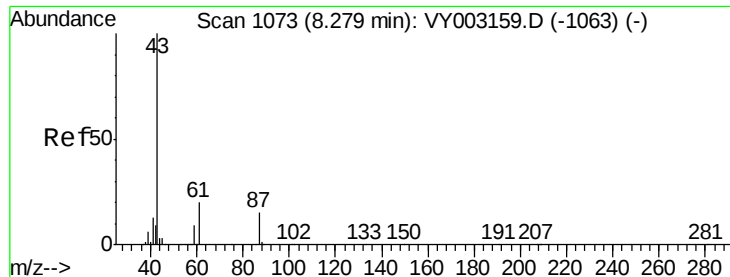
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#42
1,2-Dichloroethane
Concen: 9.665 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	62	Resp	55334
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	19.0





#43

Isopropyl Acetate

Concen: 8.986 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

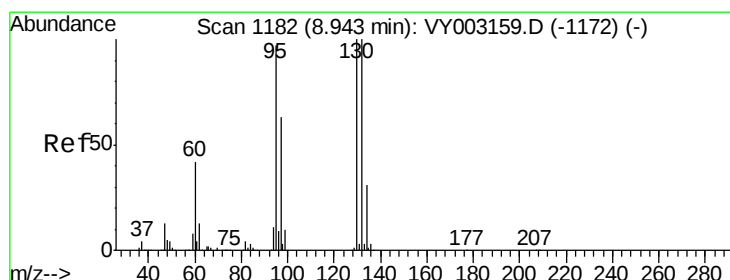
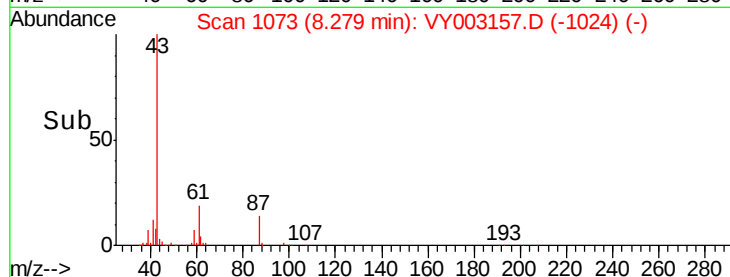
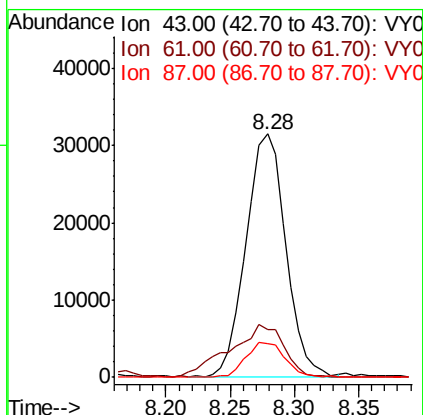
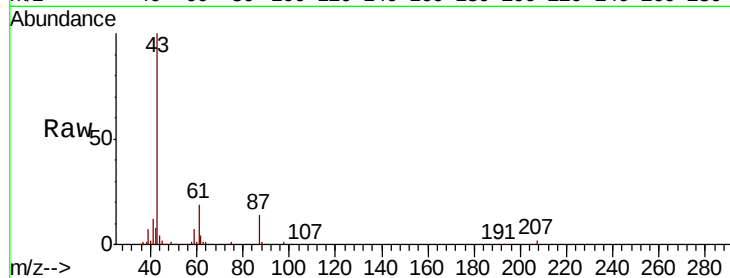
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	66975
Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.7	35.5
87	14.2	11.4	17.0

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#44

Trichloroethene

Concen: 10.283 ug/l

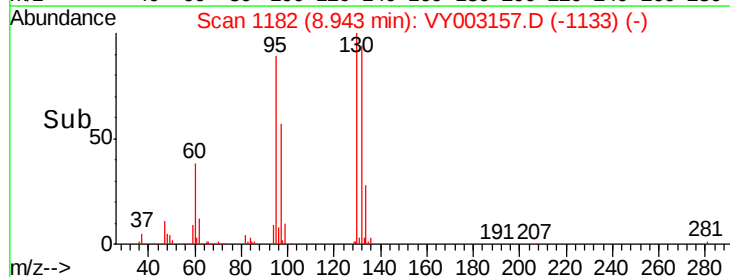
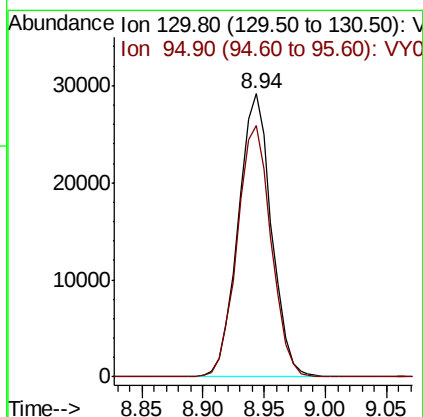
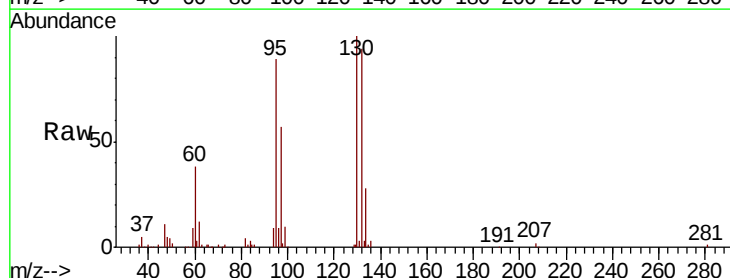
RT: 8.94 min Scan# 1182

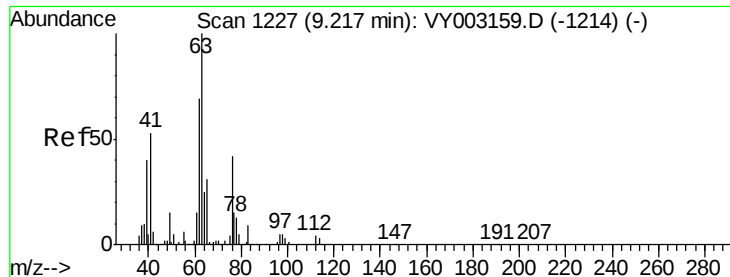
Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Tgt Ion:	130	Resp:	54927
Ion	Ratio	Lower	Upper
130	100		
95	89.0	0.0	193.8





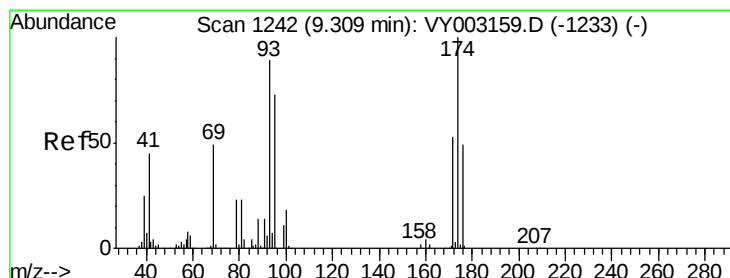
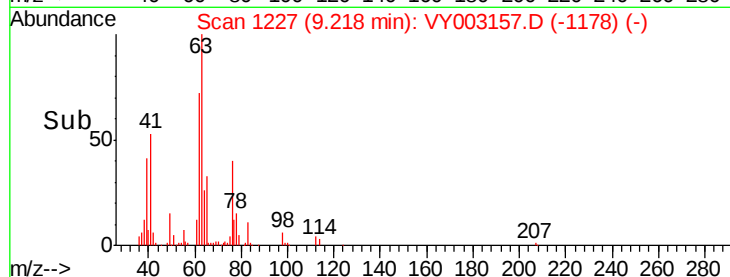
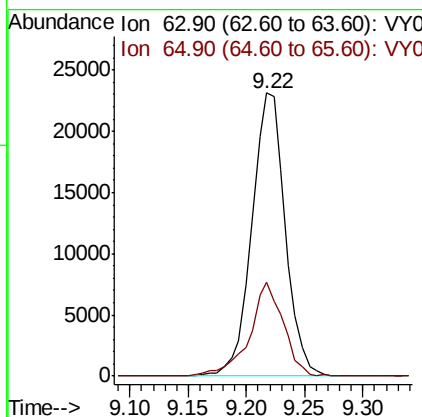
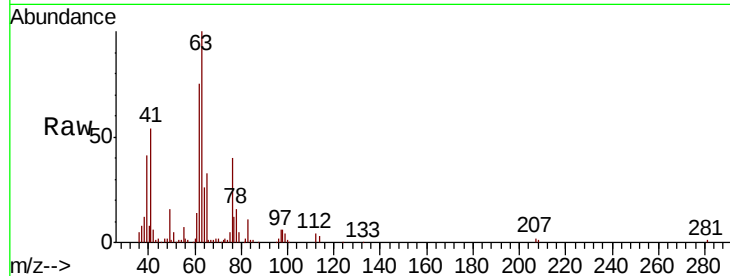
#45
 1,2-Dichloropropane
 Concen: 9.473 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003157.D
 Acq: 10 Jul 2020 11:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.2	25.0	37.4

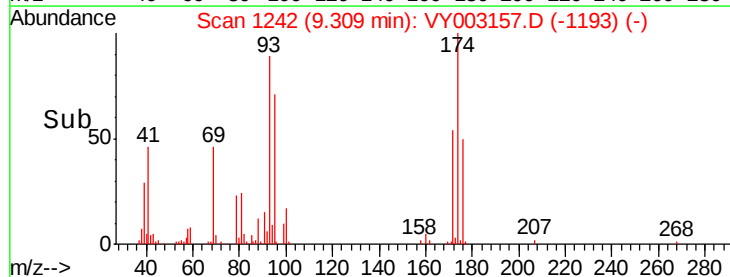
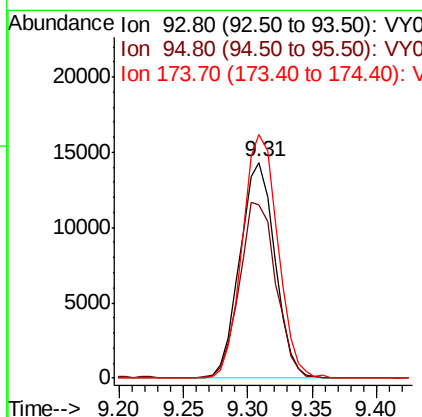
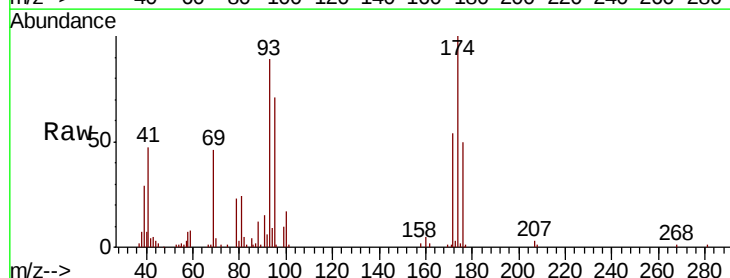
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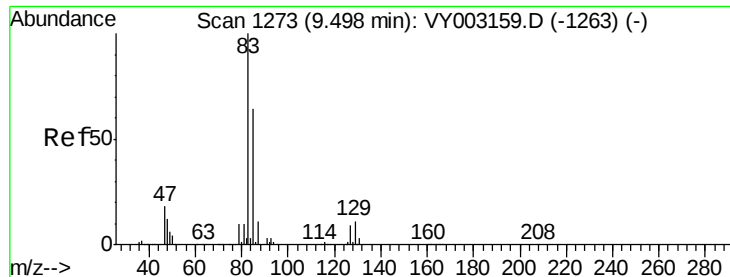
MMDadoda
 7/13/2020 10:47:33 AM



#46
 Dibromomethane
 Concen: 9.834 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003157.D
 Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	66.6	99.8
174	114.6	90.2	135.4





#47

Bromodichloromethane

Concen: 9.513 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

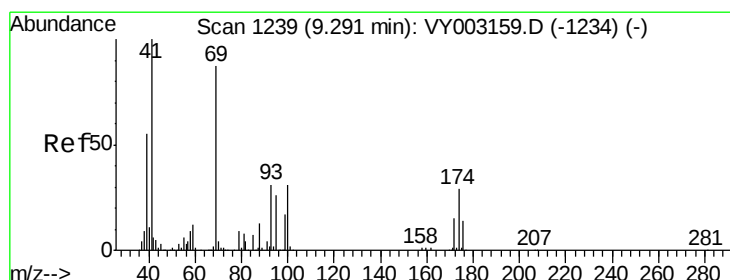
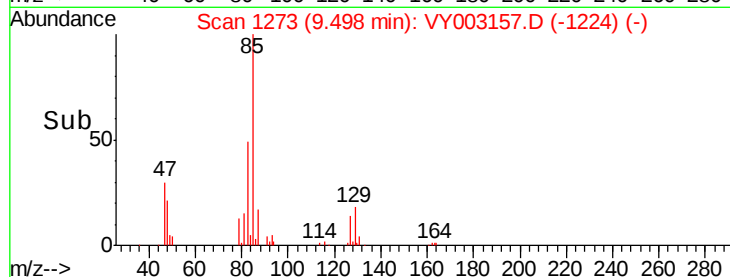
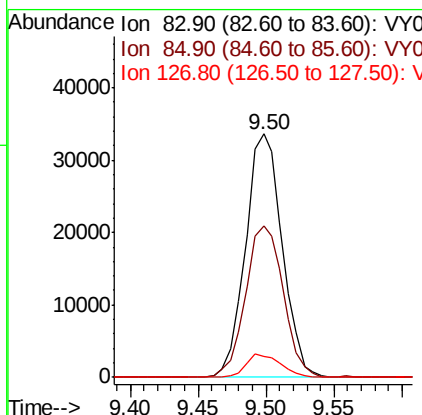
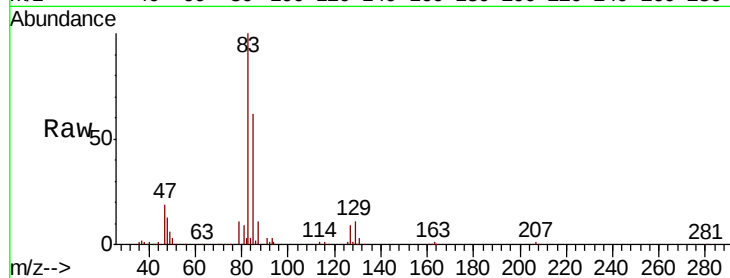
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	63568
Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.9	76.3
127	8.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 8.562 ug/l

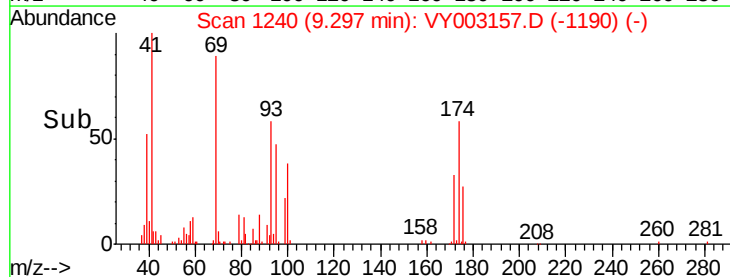
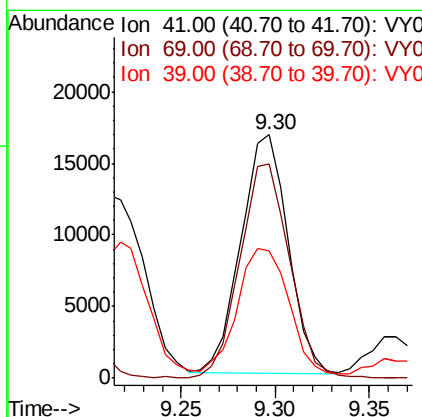
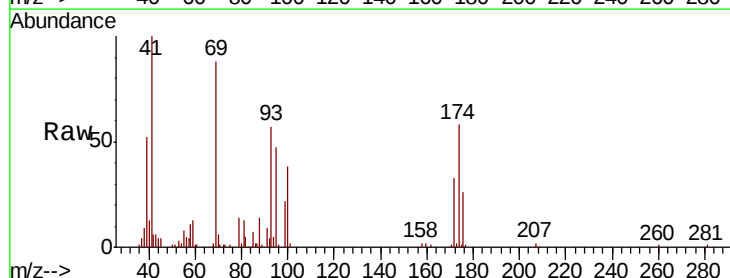
RT: 9.30 min Scan# 1240

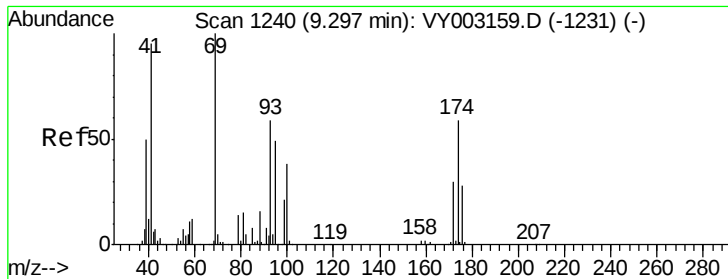
Delta R.T. 0.01 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Tgt Ion:	41	Resp:	29051
Ion	Ratio	Lower	Upper
41	100		
69	94.3	74.5	111.7
39	61.1	47.5	71.3





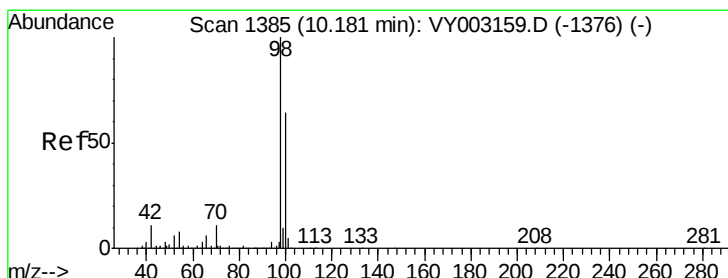
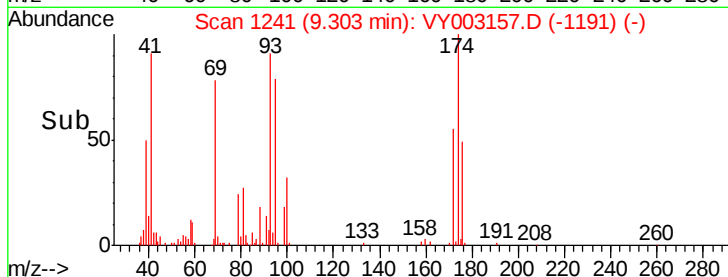
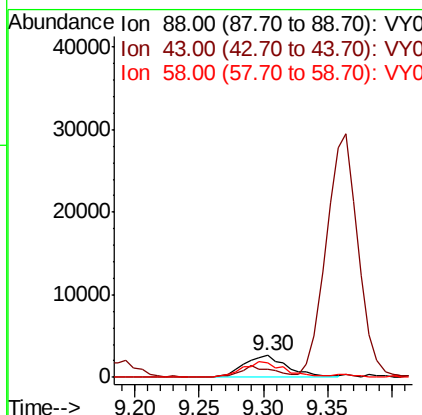
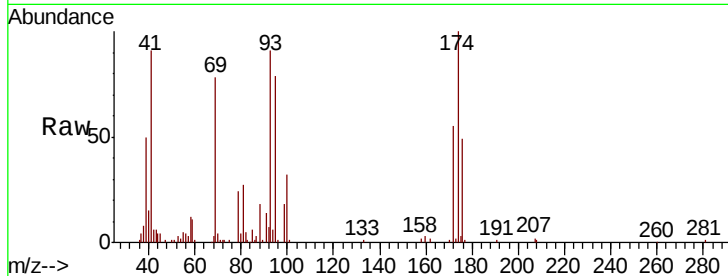
#49
1,4-Dioxane
Concen: 190.191 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.5	25.6	38.4#
58	66.8	47.8	71.6

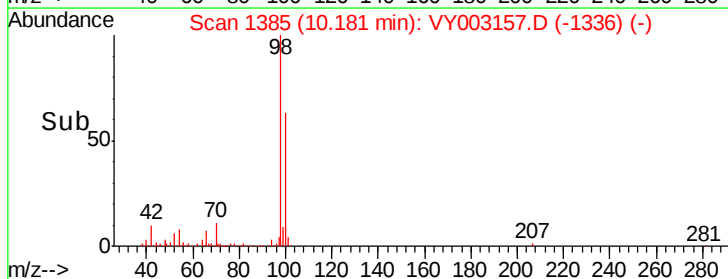
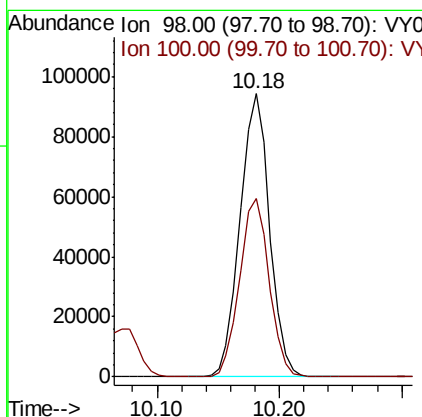
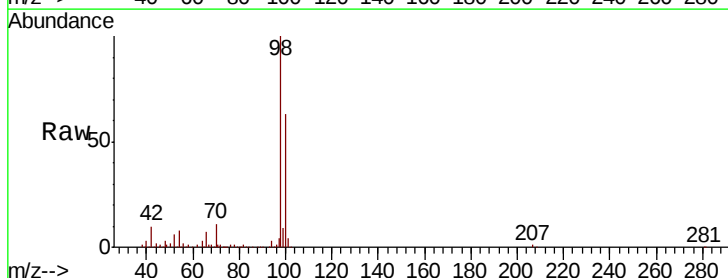
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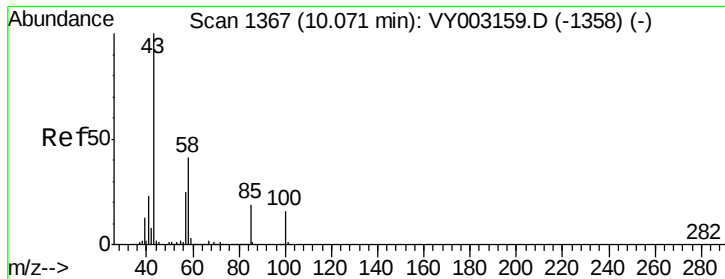
MMDadoda
7/13/2020 10:47:33 AM



#50
Toluene-d8
Concen: 9.962 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 44.698 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 172540

Ion Ratio Lower Upper

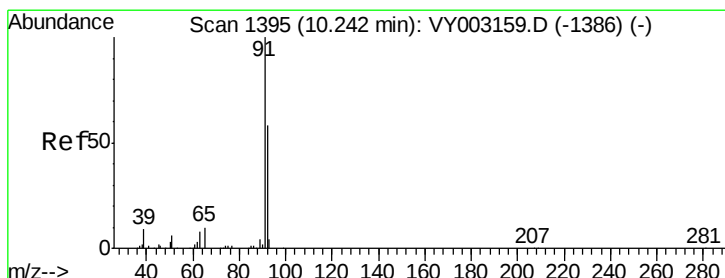
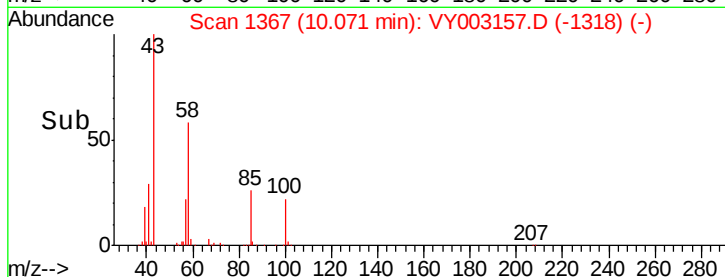
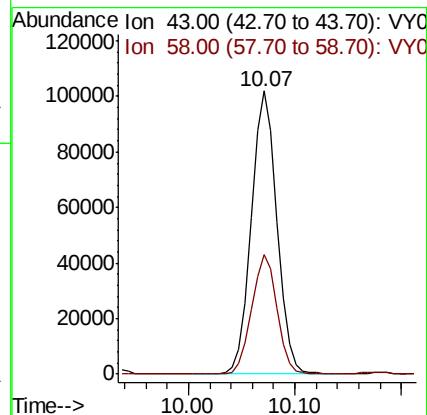
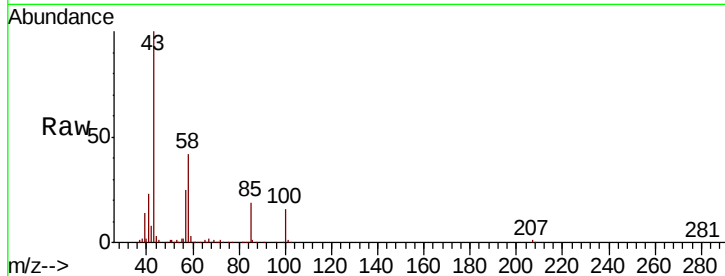
43 100

58 41.6 32.7 49.1

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#52

Toluene

Concen: 9.746 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003157.D

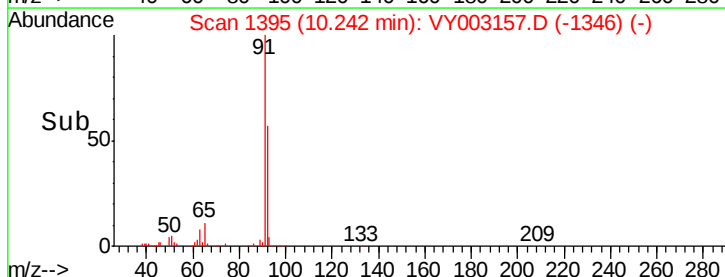
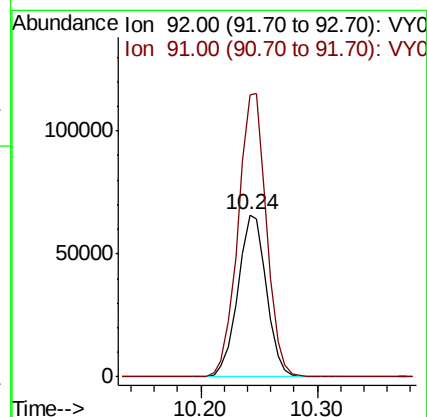
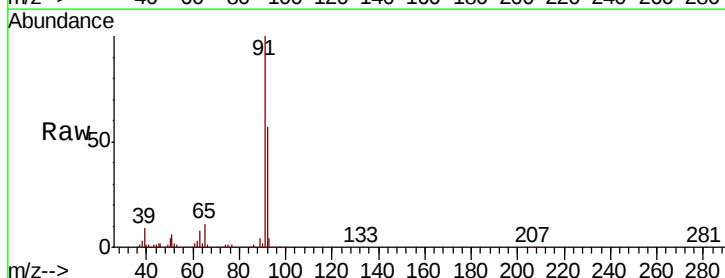
Acq: 10 Jul 2020 11:30

Tgt Ion: 92 Resp: 112182

Ion Ratio Lower Upper

92 100

91 174.7 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 9.228 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 64541

Ion Ratio Lower Upper

75 100

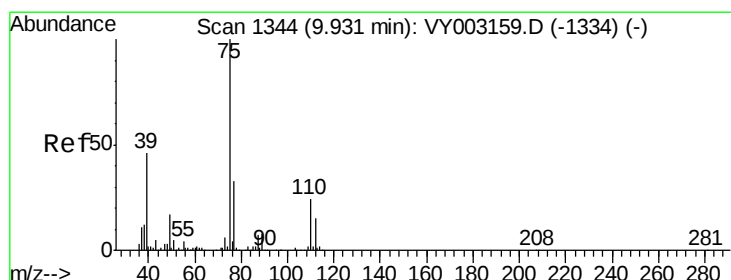
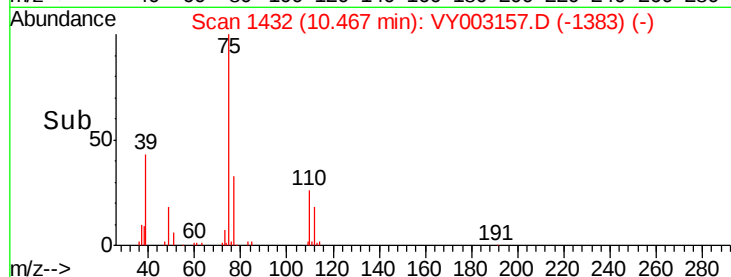
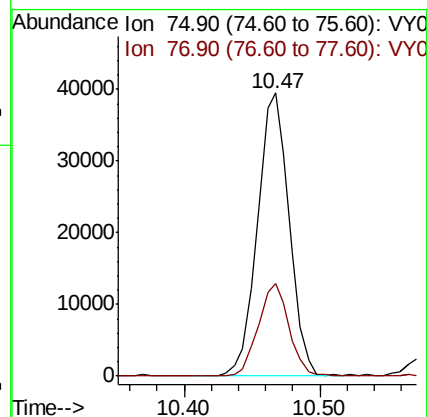
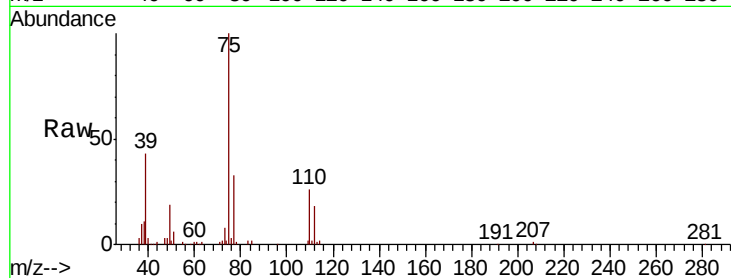
77 32.9 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 9.481 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

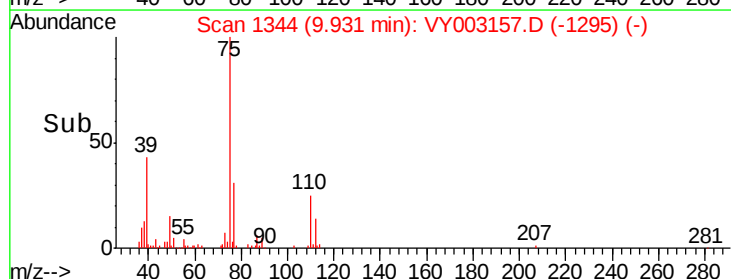
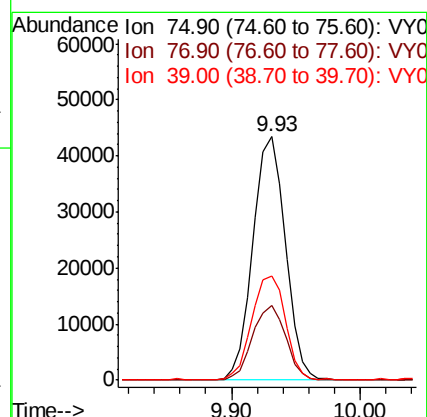
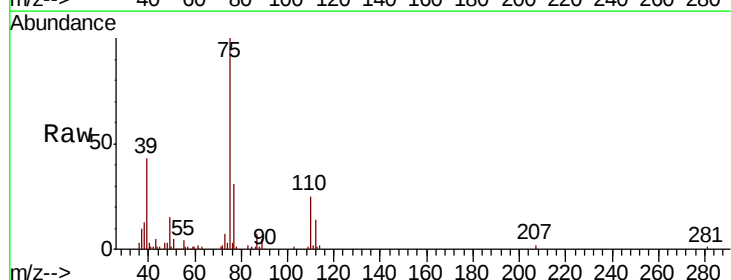
Tgt Ion: 75 Resp: 75835

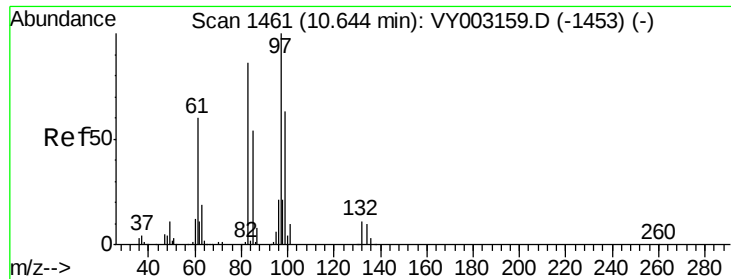
Ion Ratio Lower Upper

75 100

77 30.9 26.7 40.1

39 42.7 37.0 55.6





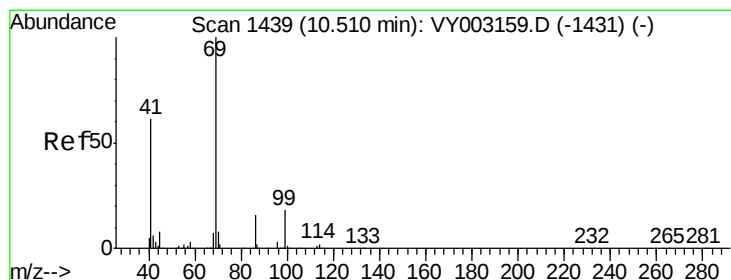
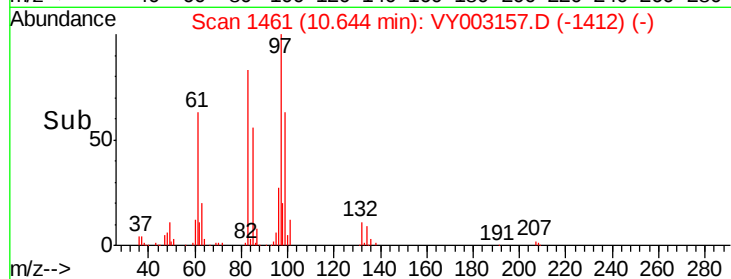
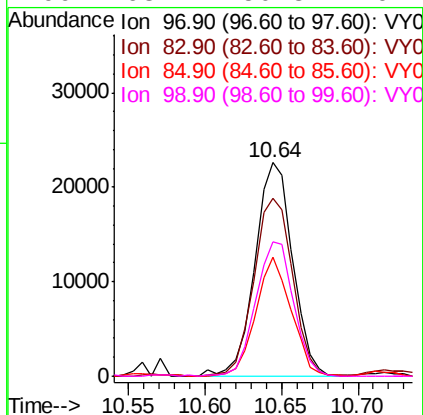
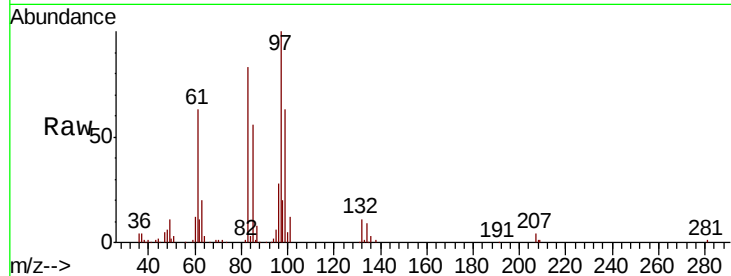
#55
 1,1,2-Trichloroethane
 Concen: 10.230 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003157.D
 Acq: 10 Jul 2020 11:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	38844
Ion	Ratio	Lower	Upper
97	100		
83	83.2	68.8	103.2
85	55.4	43.1	64.7
99	63.1	50.8	76.2

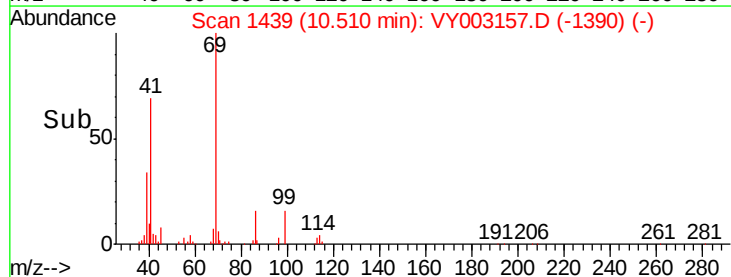
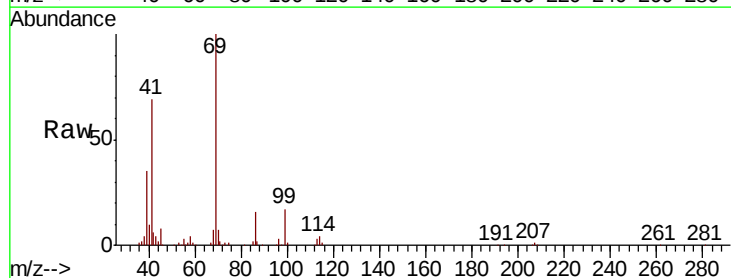
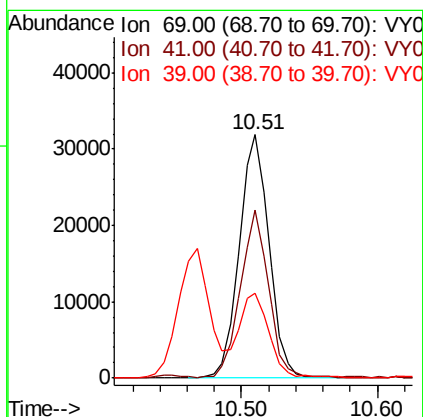
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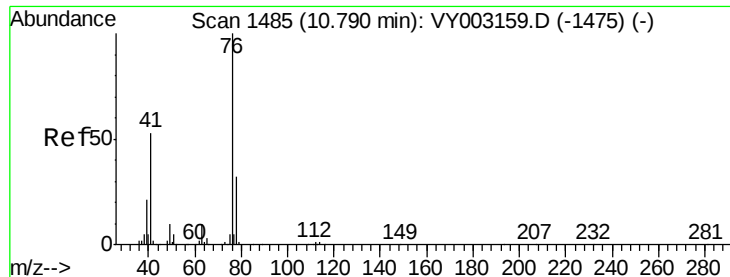
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#56
 Ethyl methacrylate
 Concen: 8.889 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003157.D
 Acq: 10 Jul 2020 11:30

Tgt Ion:	69	Resp:	48584
Ion	Ratio	Lower	Upper
69	100		
41	64.9	50.0	75.0
39	35.3	27.6	41.4





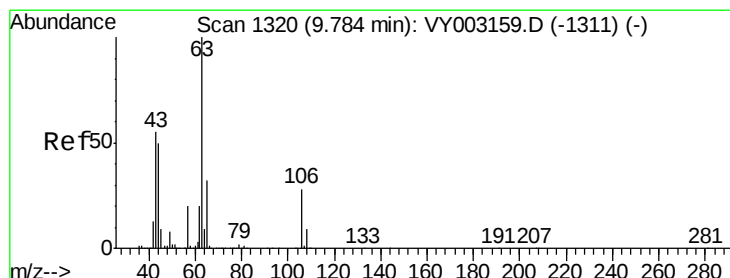
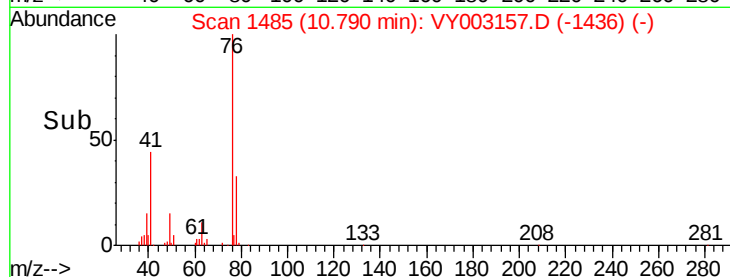
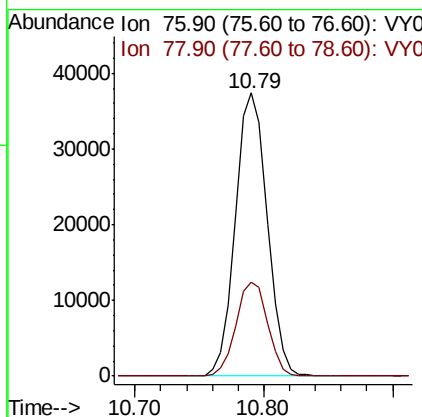
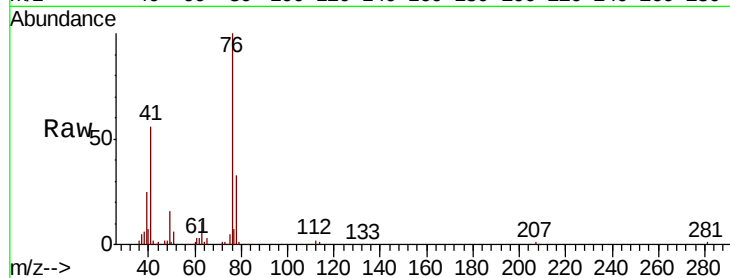
#57
 1,3-Dichloropropane
 Concen: 9.575 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003157.D
 Acq: 10 Jul 2020 11:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.0	39.0

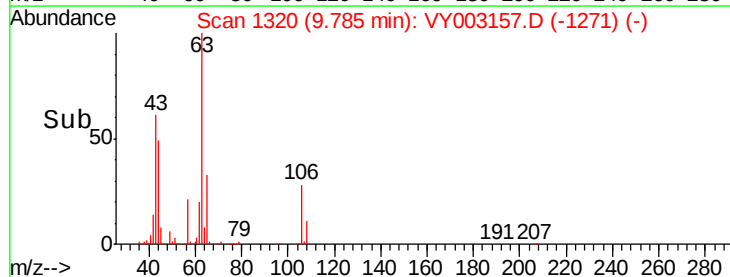
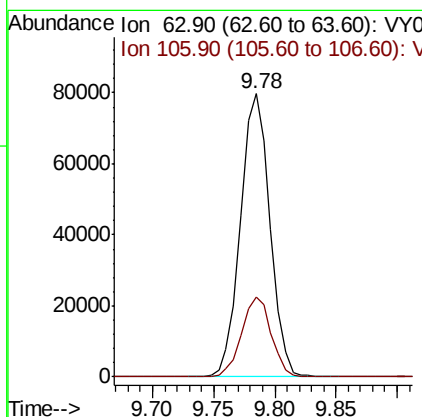
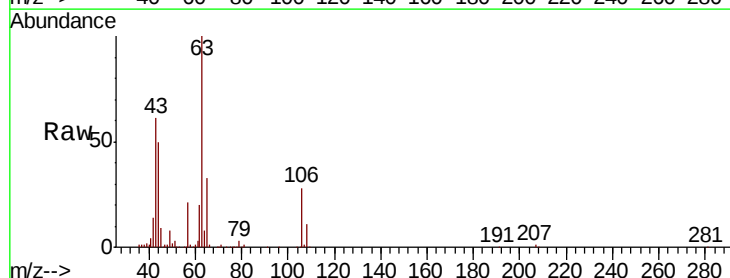
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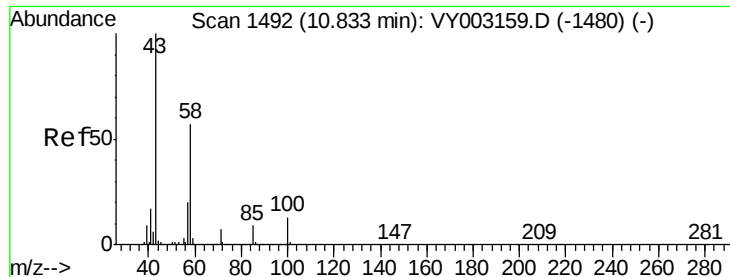
MMDadoda
 7/13/2020 10:47:33 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 48.139 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003157.D
 Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.9	34.3





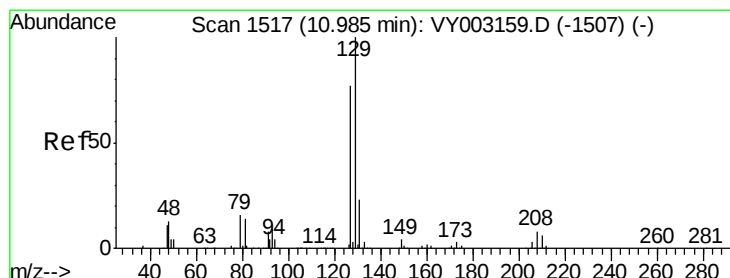
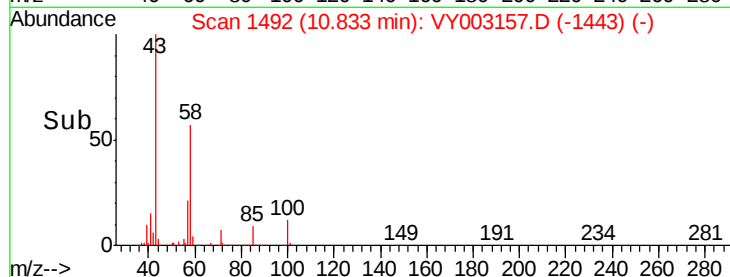
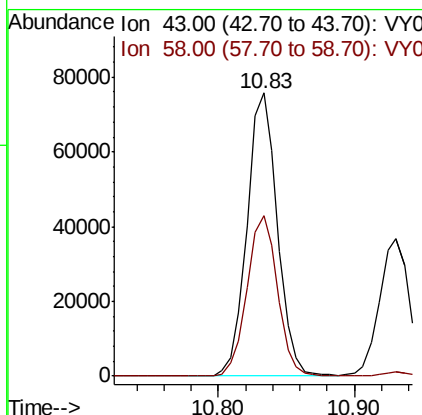
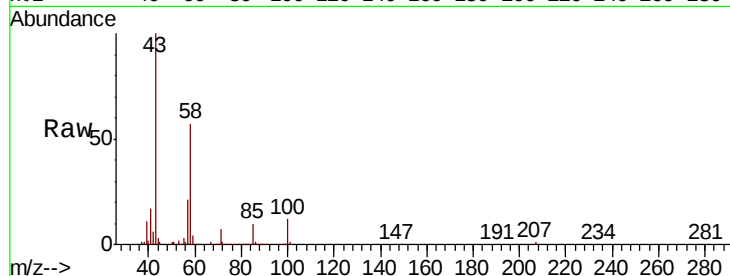
#59
2-Hexanone
Concen: 44.007 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.1	28.3	85.0

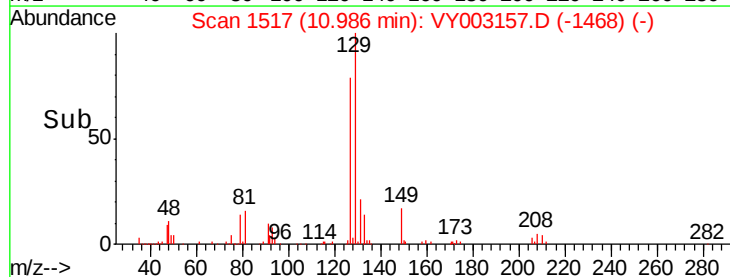
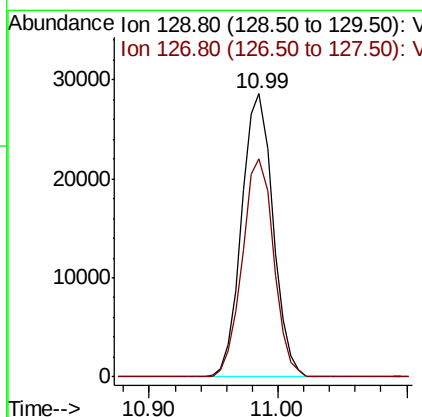
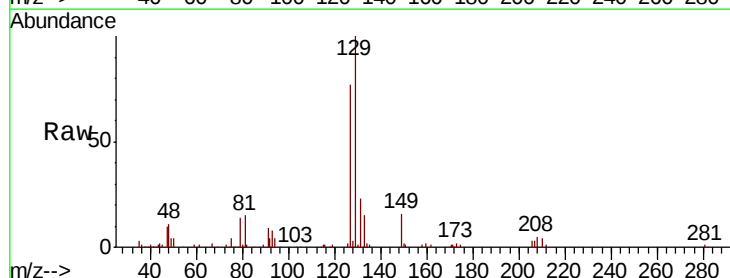
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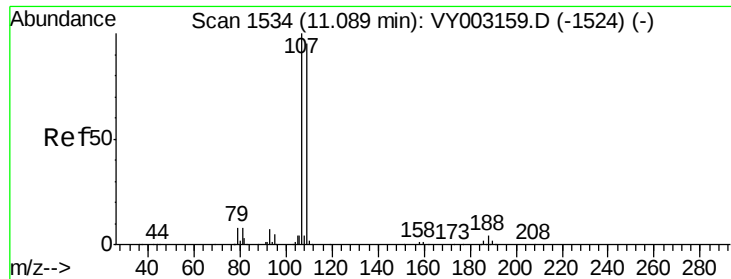
MMDadoda
7/13/2020 10:47:33 AM



#60
Dibromochloromethane
Concen: 9.880 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.5	115.5





#61

1,2-Dibromoethane

Concen: 9.780 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:107 Resp: 36755

Ion Ratio Lower Upper

107 100

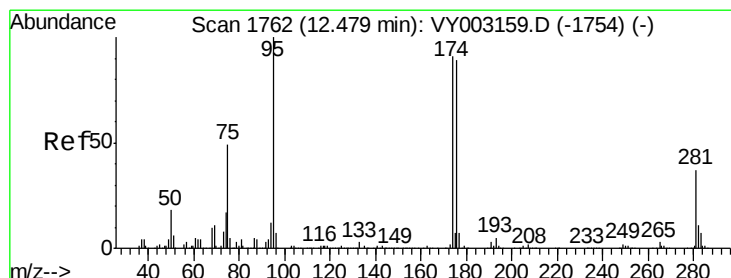
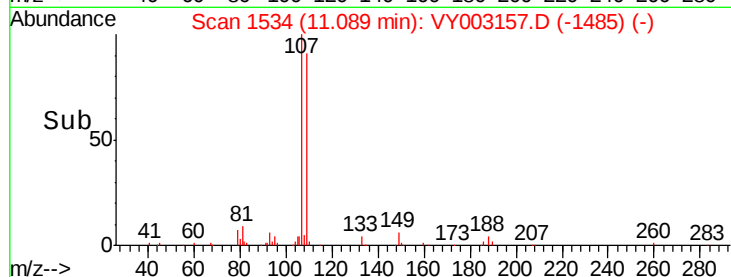
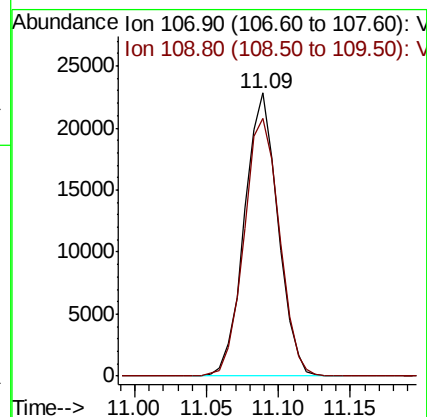
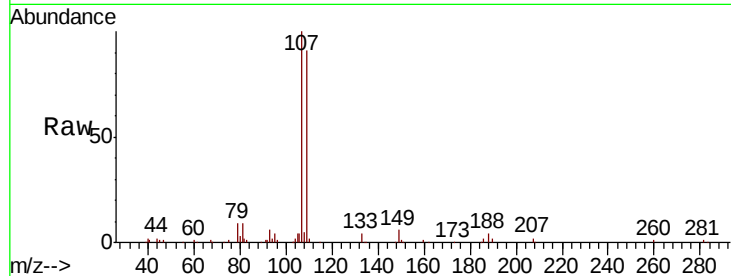
109 96.2 75.6 113.4

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#62

4-Bromofluorobenzene

Concen: 10.130 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

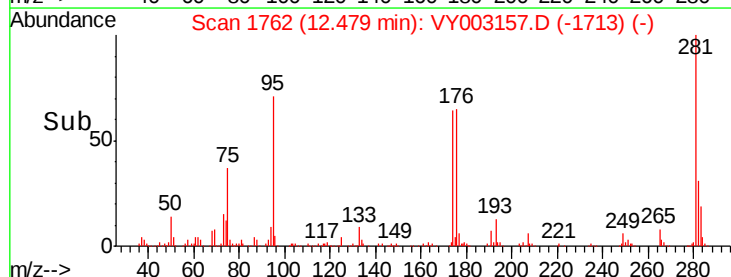
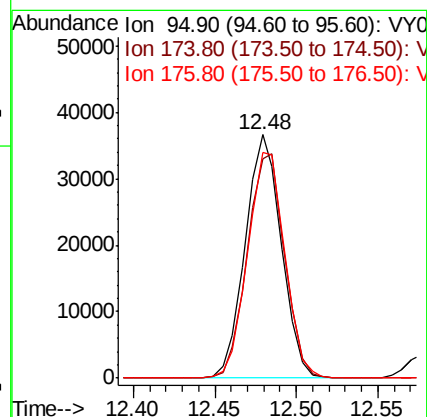
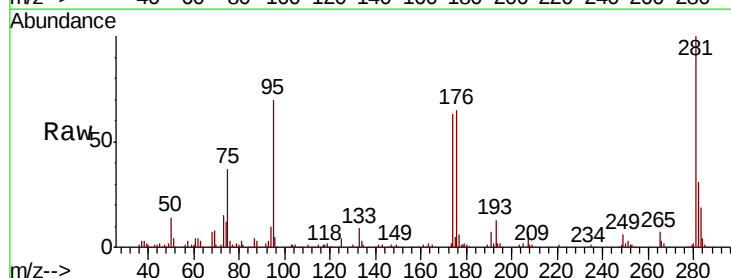
Tgt Ion: 95 Resp: 56550

Ion Ratio Lower Upper

95 100

174 95.0 0.0 190.6

176 95.3 0.0 186.4





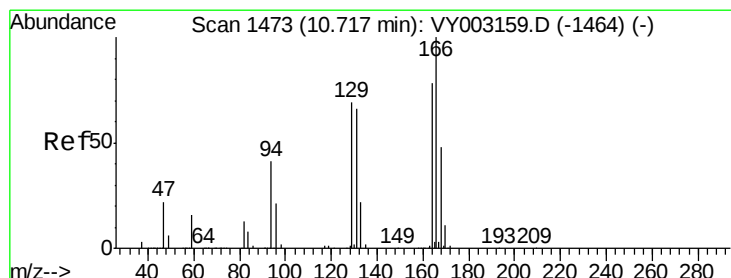
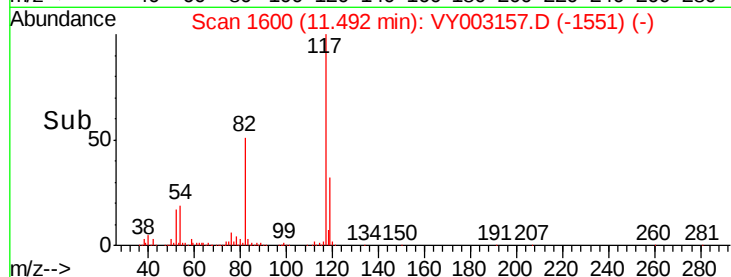
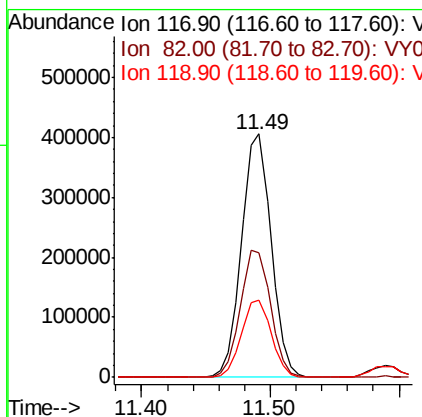
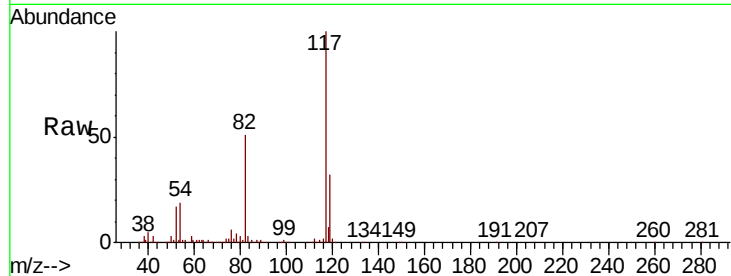
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
117	100	645048		
82	51.0		42.0	63.0
119	31.9		25.5	38.3

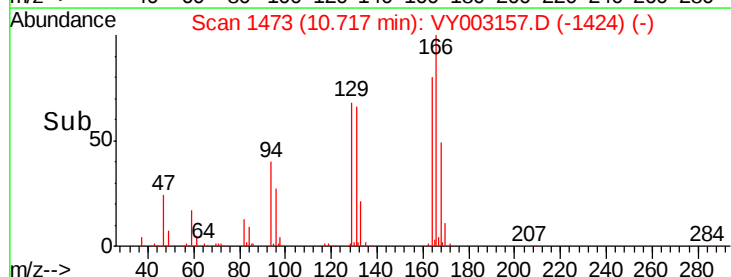
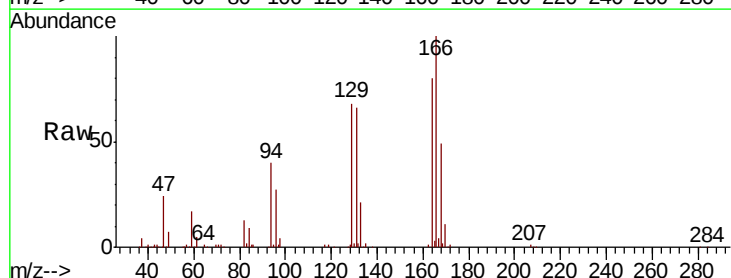
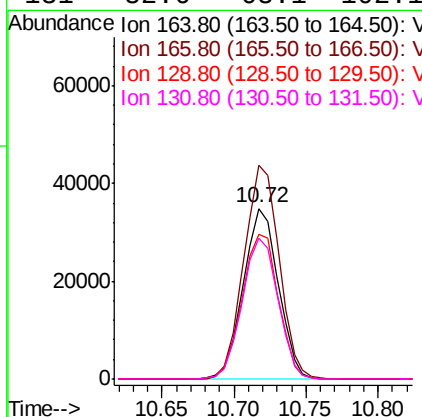
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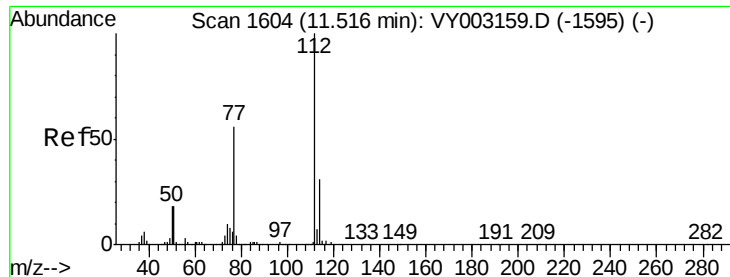
MMDadoda
7/13/2020 10:47:33 AM



#64
Tetrachloroethene
Concen: 10.787 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58634		
166	125.1		102.9	154.3
129	84.6		71.4	107.2
131	82.6		68.1	102.1





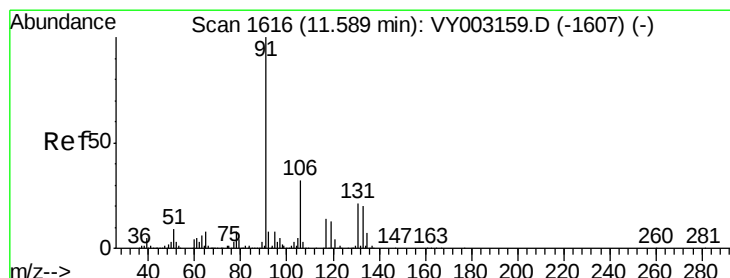
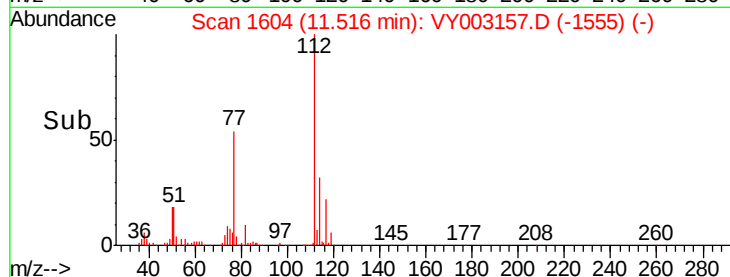
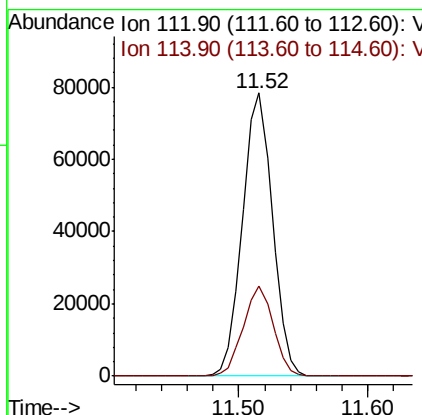
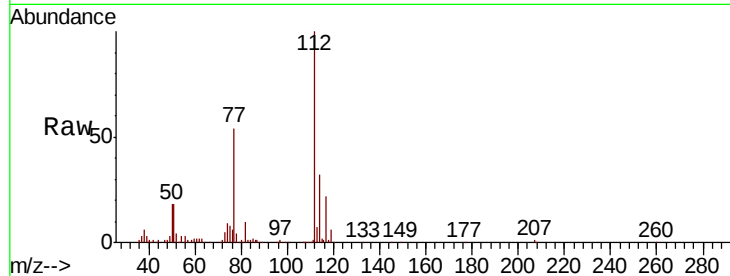
#65
Chlorobenzene
Concen: 10.032 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	24.7	37.1

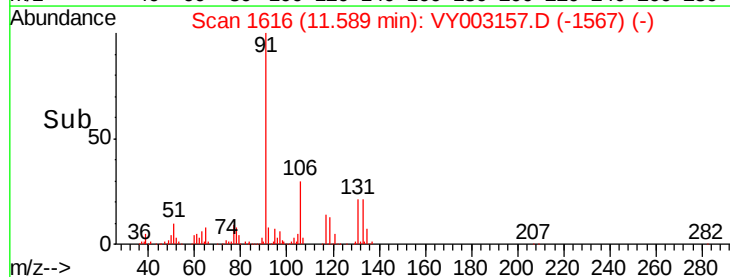
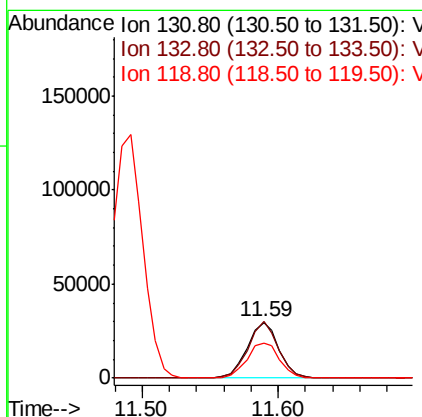
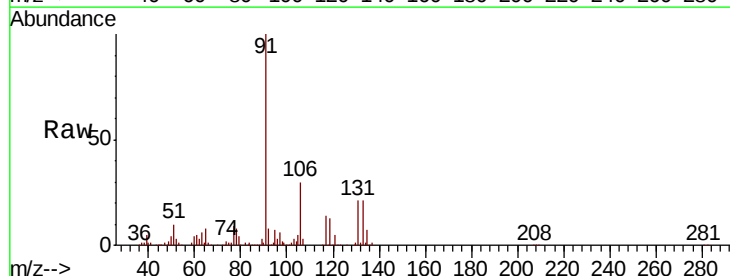
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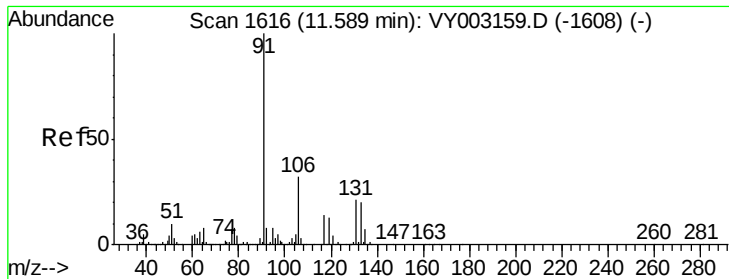
MMDadoda
7/13/2020 10:47:33 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 9.853 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.8	48.0	144.0
119	65.5	32.4	97.0





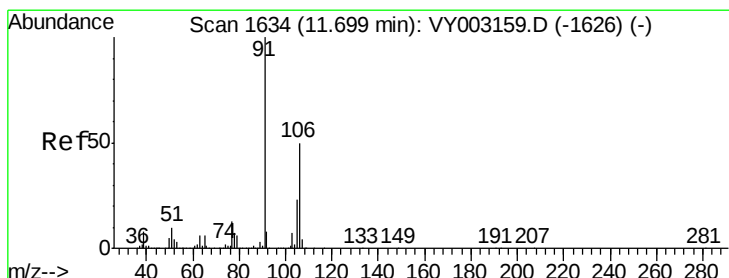
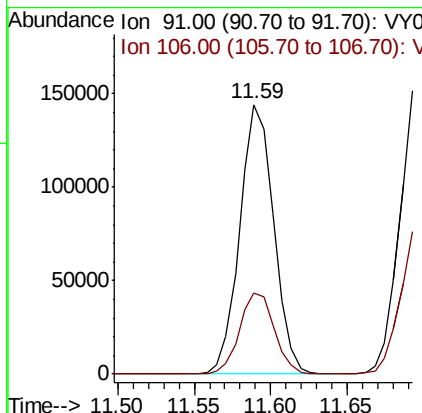
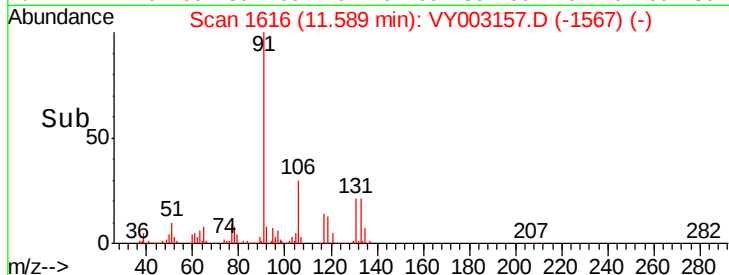
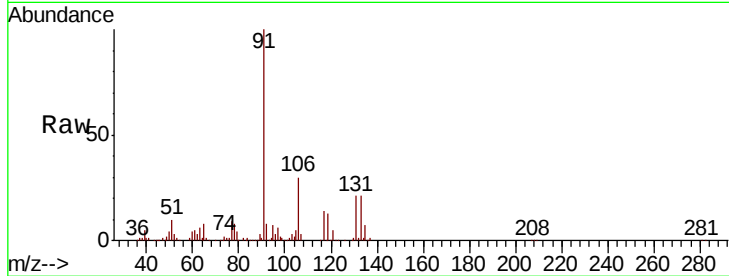
#67
Ethyl Benzene
Concen: 9.703 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 222582
Ion Ratio Lower Upper
91 100
106 30.1 25.5 38.3

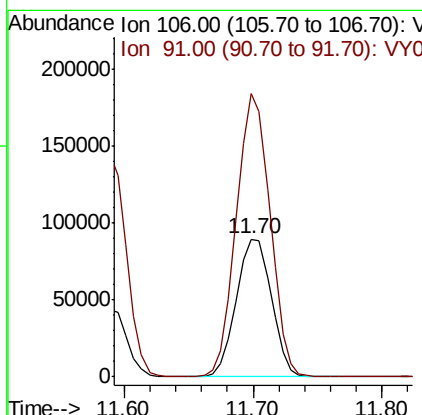
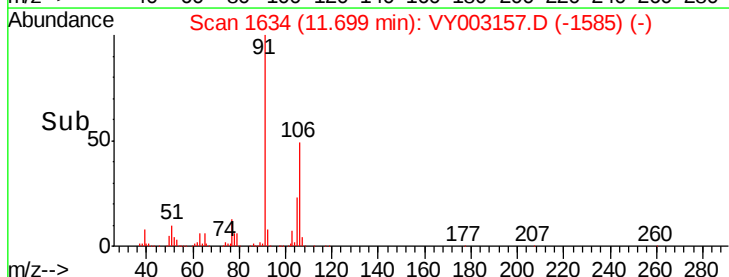
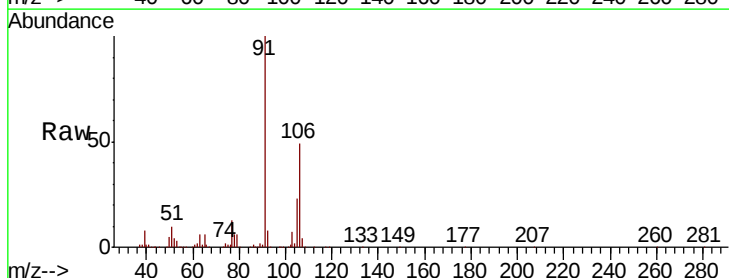
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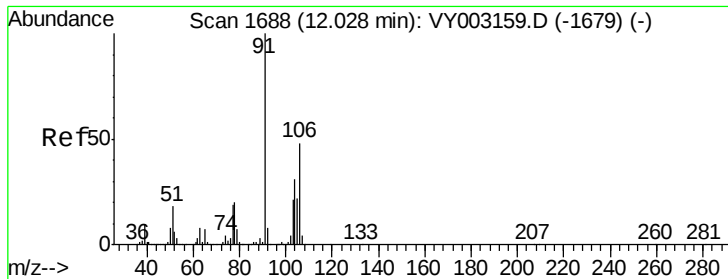
MMDadoda
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#68
m/p-Xylenes
Concen: 19.914 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 106 Resp: 169928
Ion Ratio Lower Upper
106 100
91 196.7 159.0 238.6





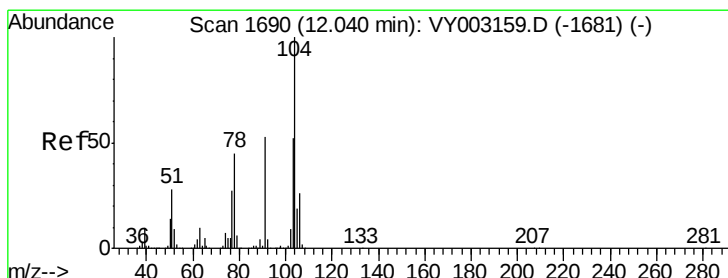
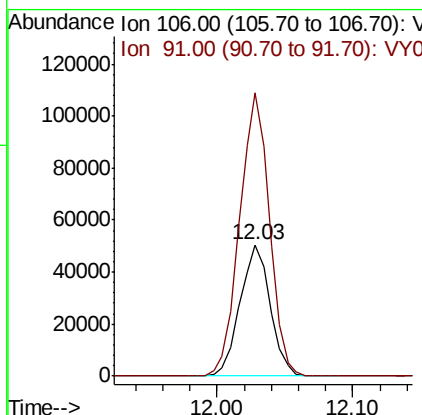
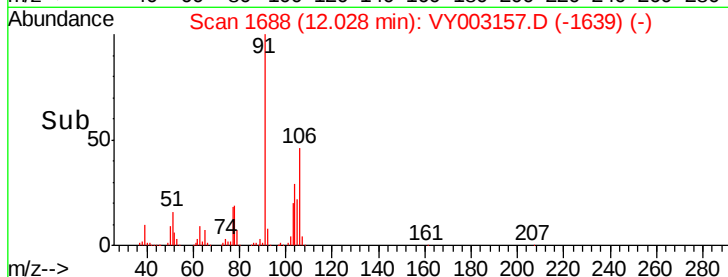
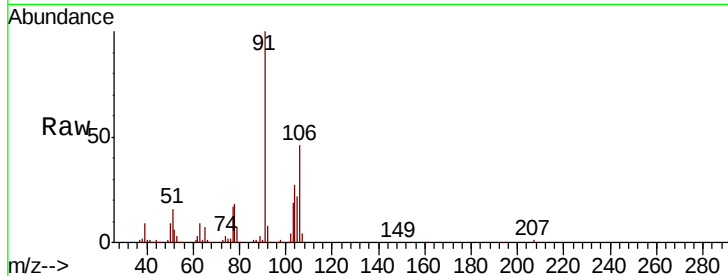
#69
o-Xylene
Concen: 9.684 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 77937
Ion Ratio Lower Upper
106 100
91 213.1 105.1 315.1

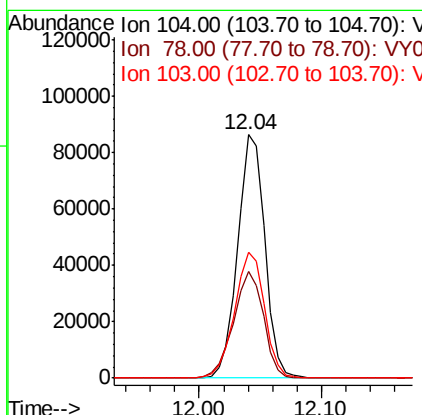
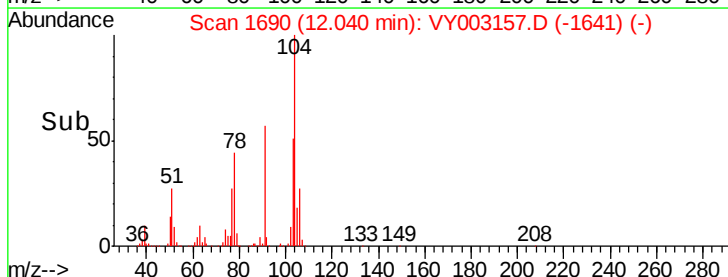
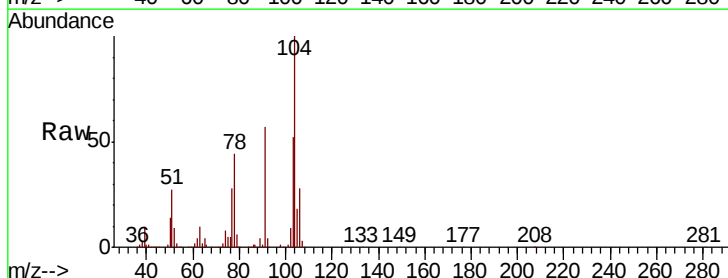
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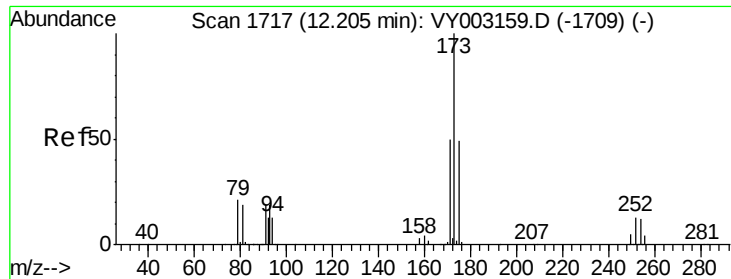
MMDadoda
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#70
Styrene
Concen: 9.643 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:104 Resp: 132628
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 56.7 43.9 65.9





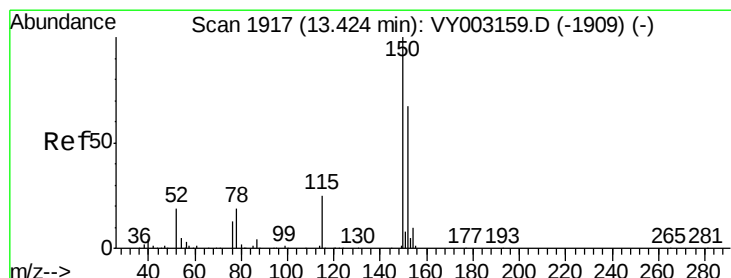
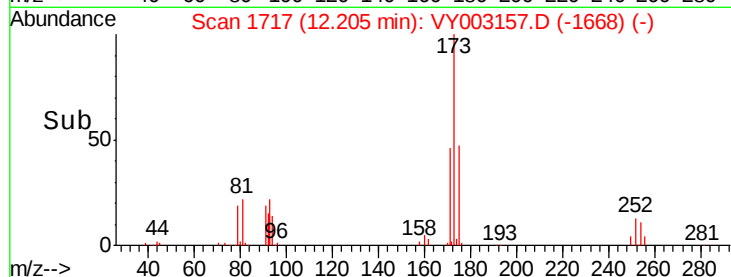
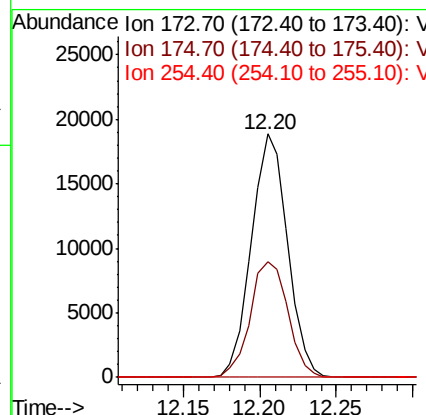
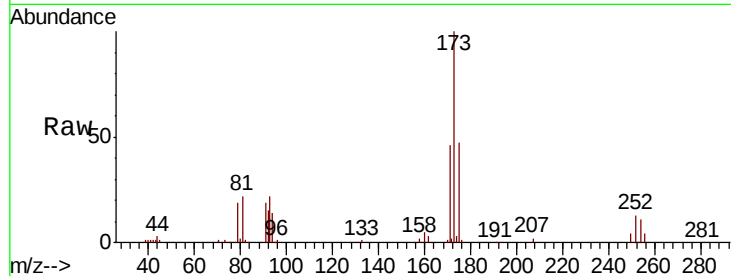
#71
Bromoform
Concen: 9.564 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.3	73.0
254	0.0	0.2	0.2

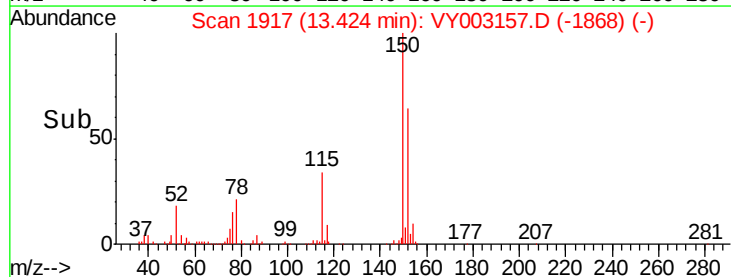
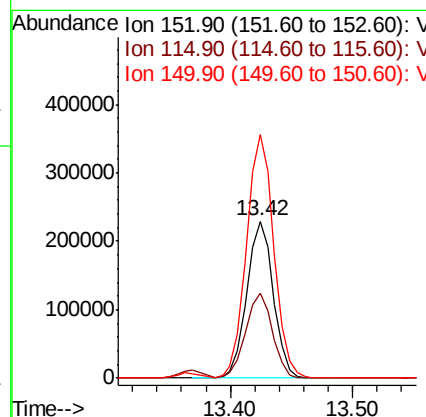
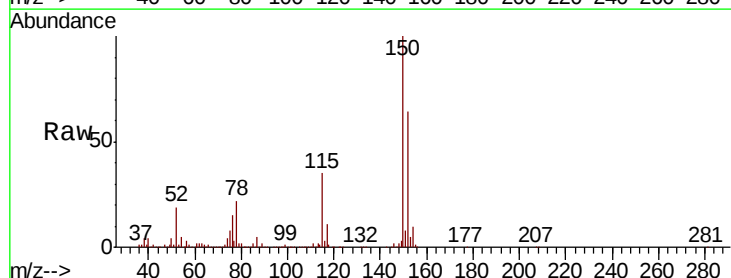
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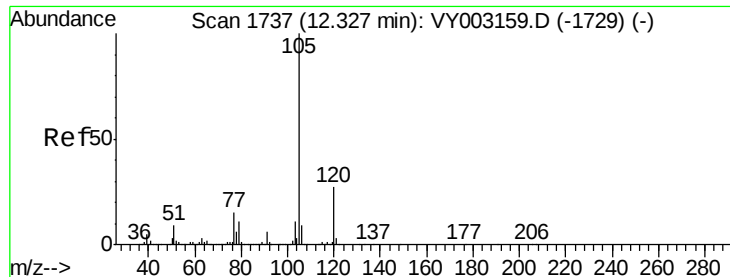
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	26.9	80.7
150	160.0	0.0	338.0





#73

Isopropylbenzene

Concen: 9.689 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 215831

Ion Ratio Lower Upper

105 100

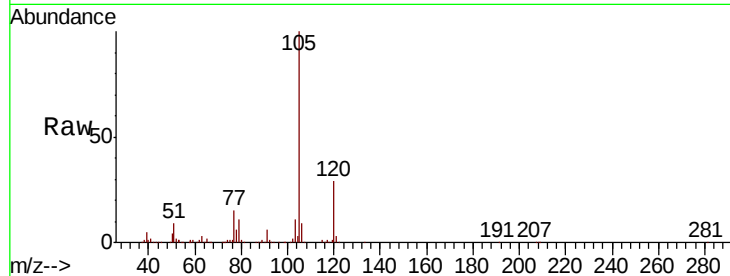
120 26.9 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

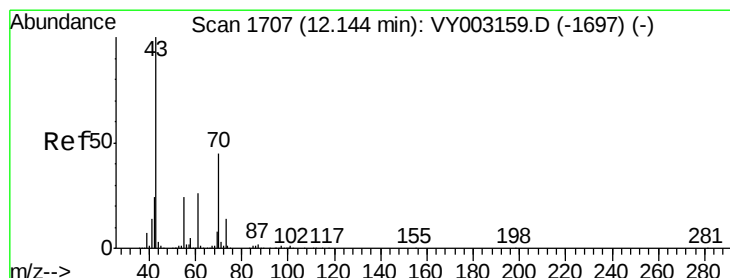
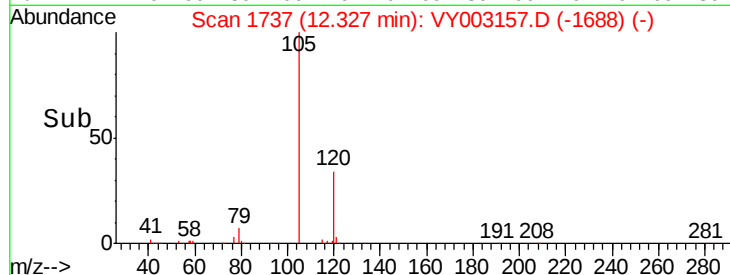
50000

0

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 8.349 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Tgt Ion: 43 Resp: 59109

Ion Ratio Lower Upper

43 100

70 46.4 35.6 53.4

55 24.7 19.4 29.2

61 25.4 20.8 31.2

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

60000

50000

40000

30000

20000

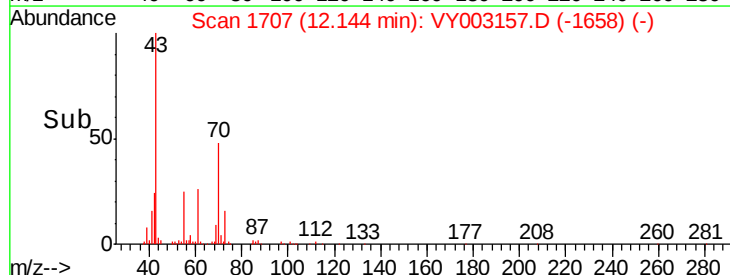
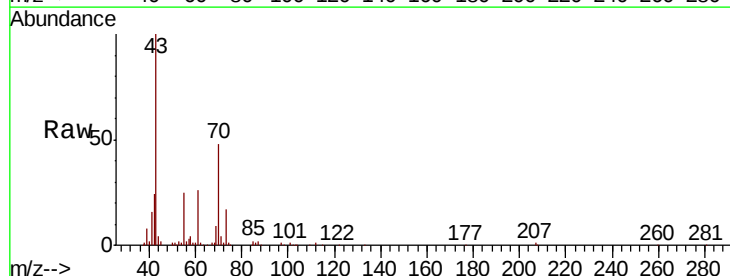
10000

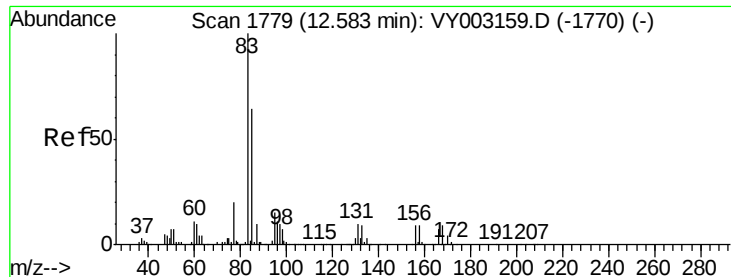
0

12.14

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 9.572 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

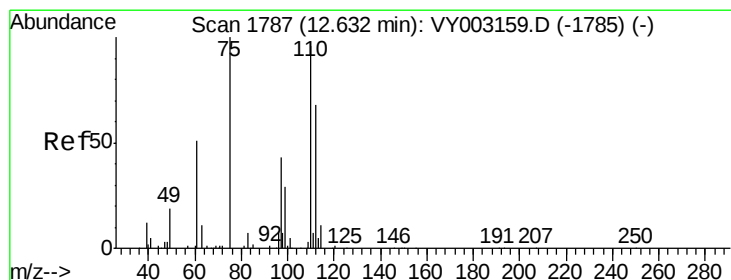
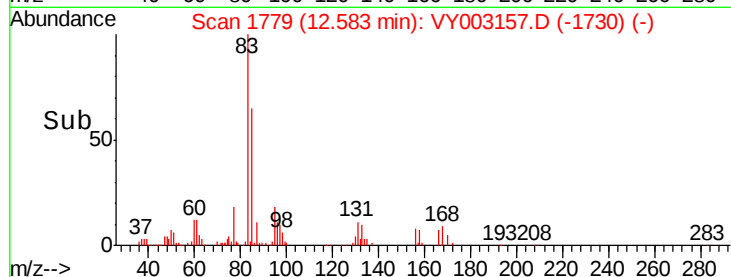
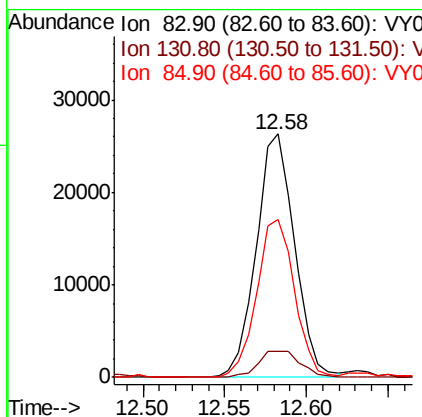
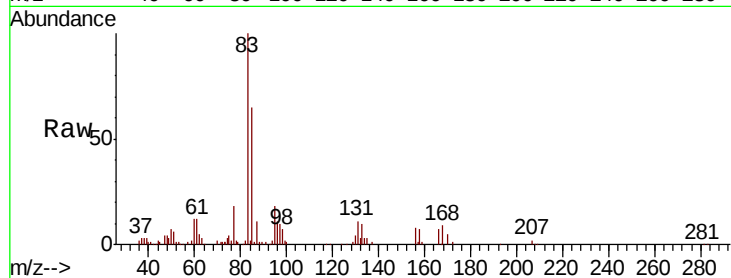
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	42677
Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.2	15.6
85	64.1	32.0	96.0

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7/13/2020 10:47:33 AM



#76

1,2,3-Trichloropropane

Concen: 9.356 ug/l m

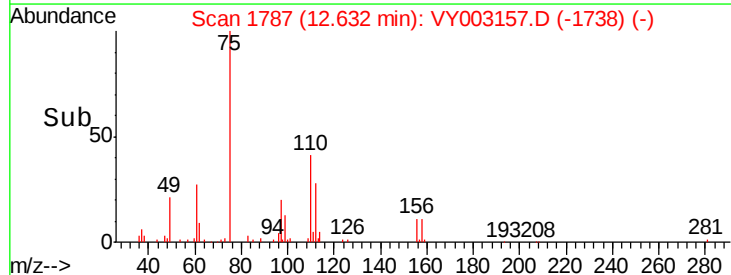
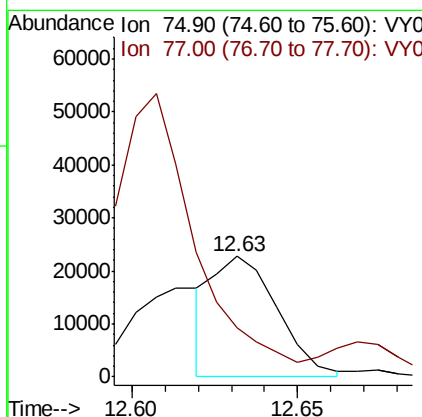
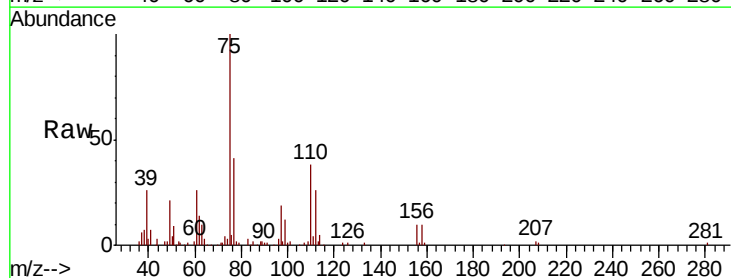
RT: 12.63 min Scan# 1787

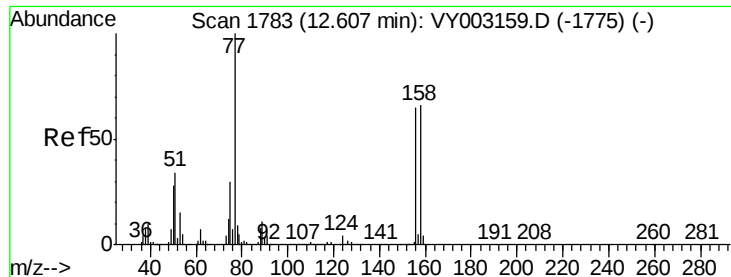
Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Tgt Ion:	75	Resp:	30958
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 9.939 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:156 Resp: 56699

Ion Ratio Lower Upper

156 100

77 165.6 86.6 259.7

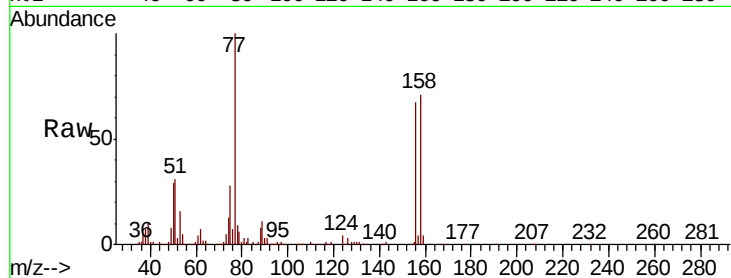
158 99.9 49.4 148.0

Manual Integrations

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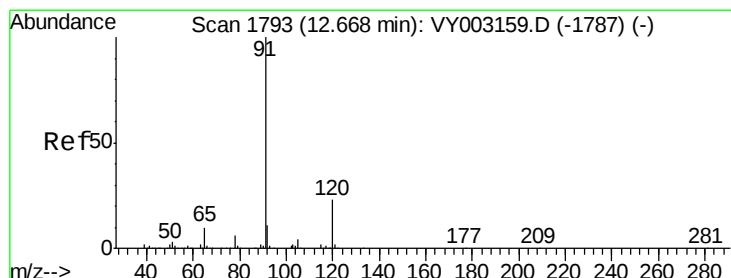
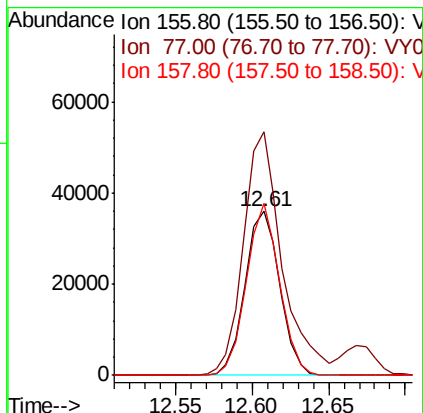
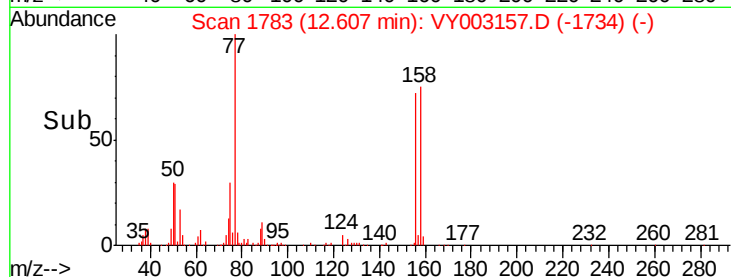
7/13/2020 10:47:33 AM



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: 9.615 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003157.D

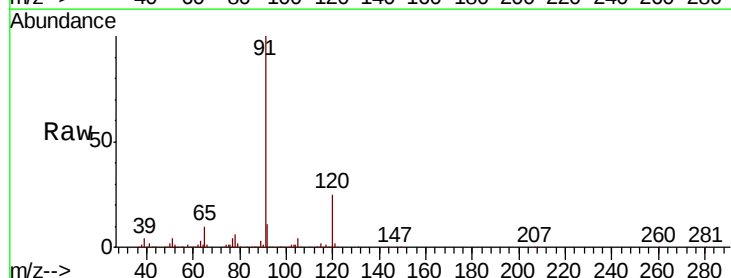
Acq: 10 Jul 2020 11:30

Tgt Ion: 91 Resp: 256965

Ion Ratio Lower Upper

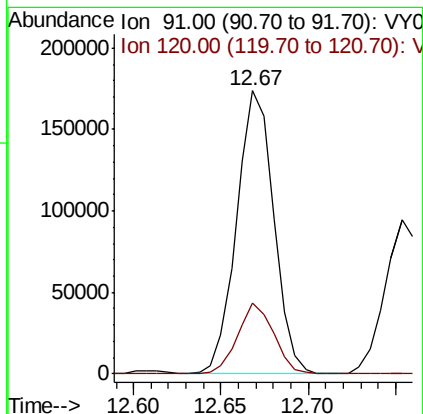
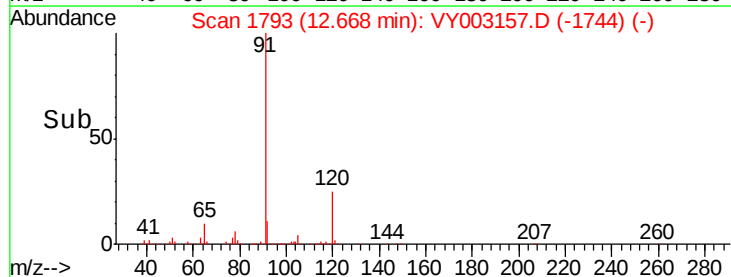
91 100

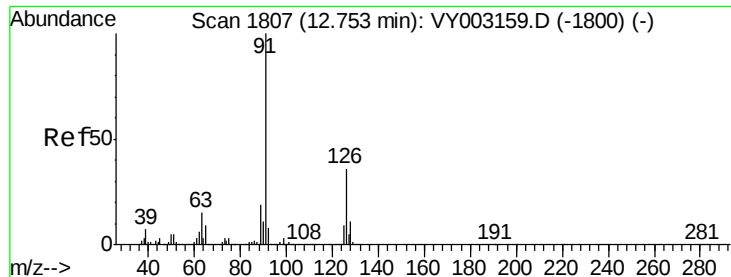
120 24.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





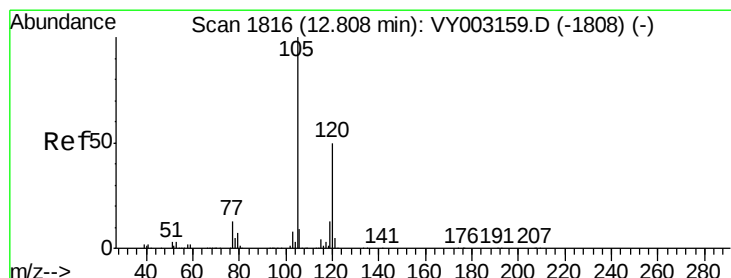
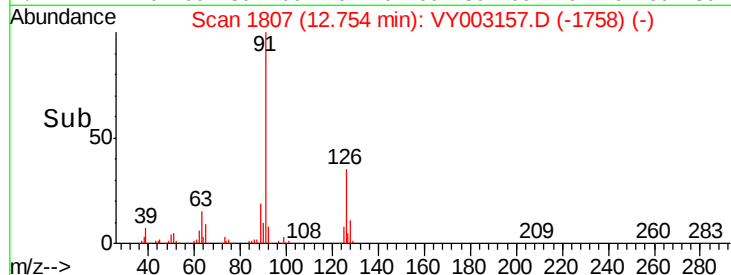
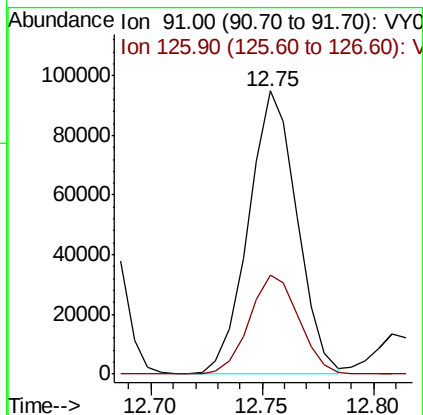
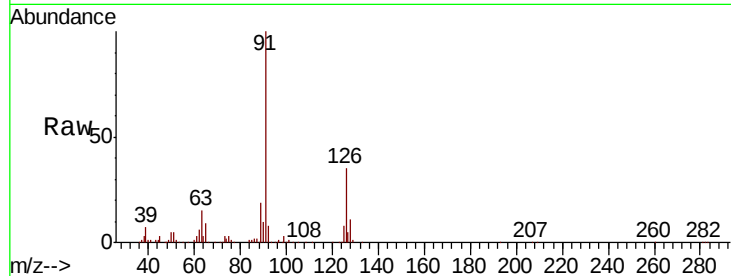
#79
2-Chlorotoluene
Concen: 9.629 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 143592
Ion Ratio Lower Upper
91 100
126 35.8 17.6 52.9

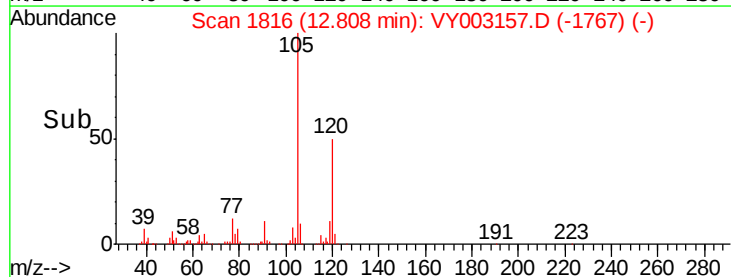
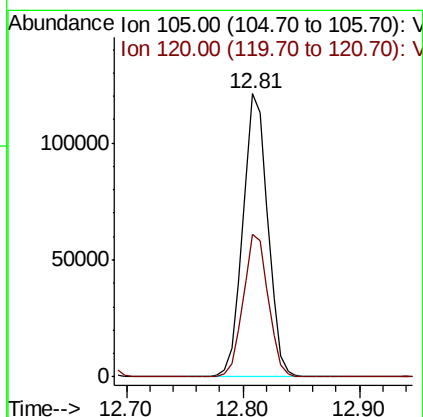
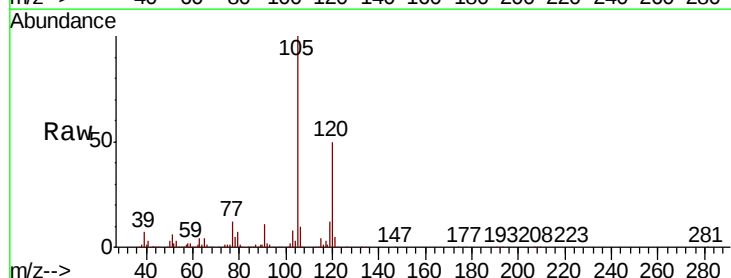
Manual Integrations
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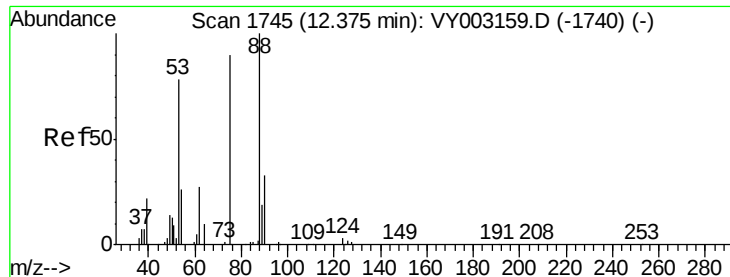
MMDadoda
7/13/2020 10:47:33 AM



#80
1,3,5-Trimethylbenzene
Concen: 9.701 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 105 Resp: 181124
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 8.772 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

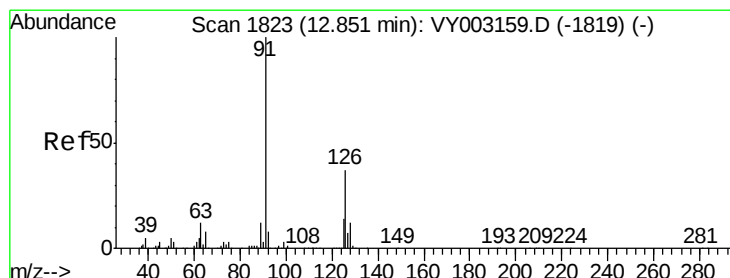
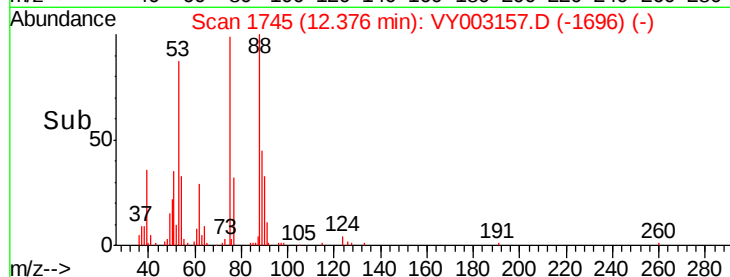
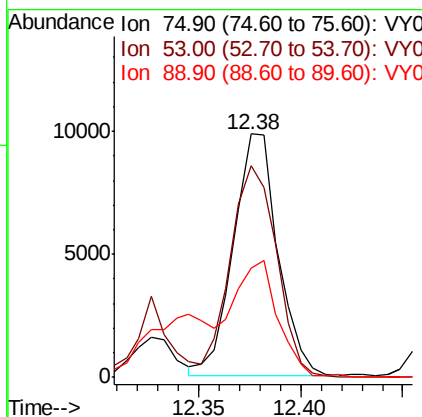
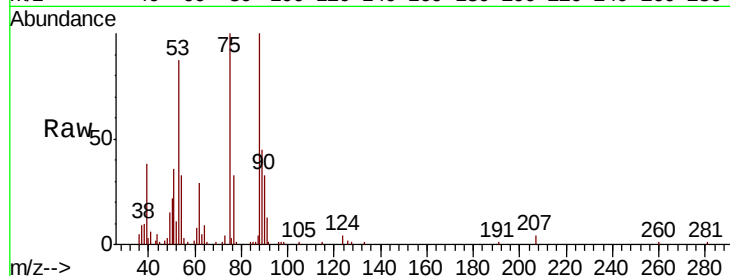
ClientSampleId :

VSTDIC010

Tot Ion:	75	Resp:	14934
Ion	Ratio	Lower	Upper
75	100		
53	90.7	72.0	108.0
89	49.1	37.3	55.9

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#82

4-Chlorotoluene

Concen: 9.738 ug/l

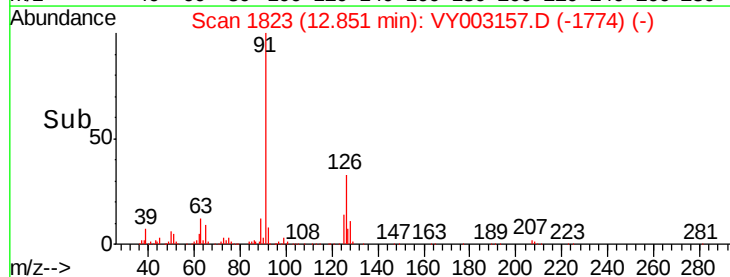
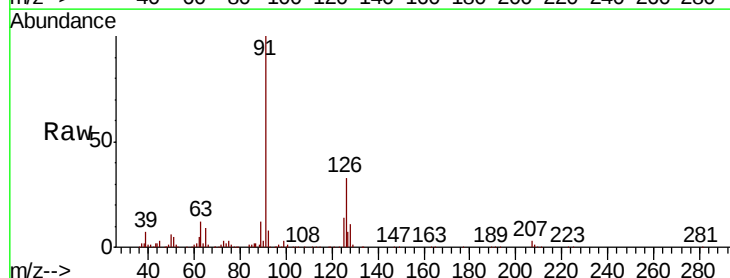
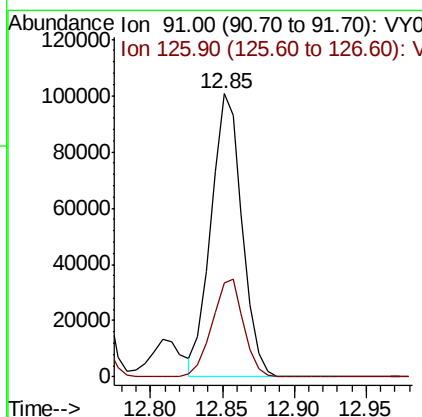
RT: 12.85 min Scan# 1823

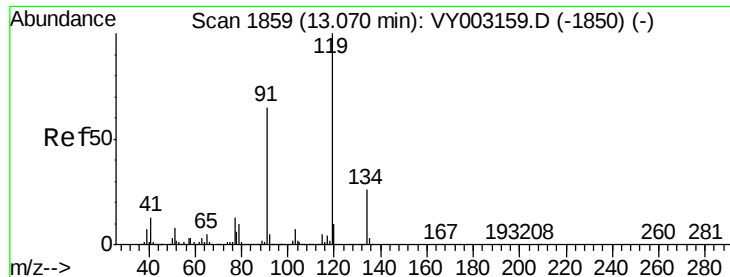
Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Tgt Ion:	91	Resp:	151112
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.9	53.7





#83

tert-Butylbenzene

Concen: 9.798 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

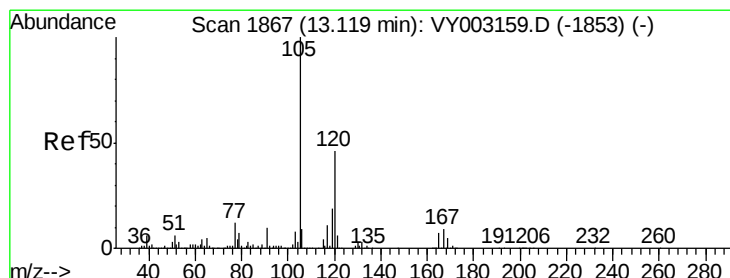
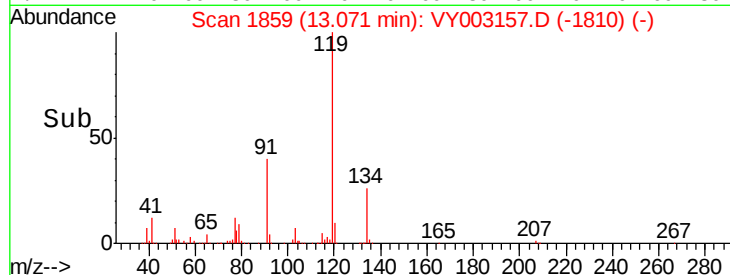
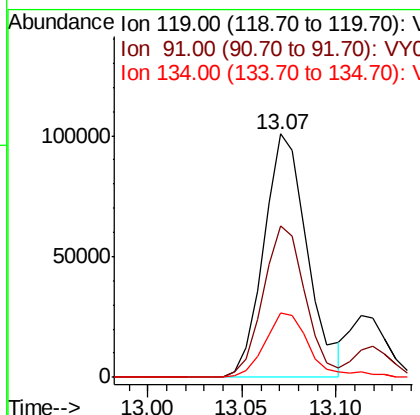
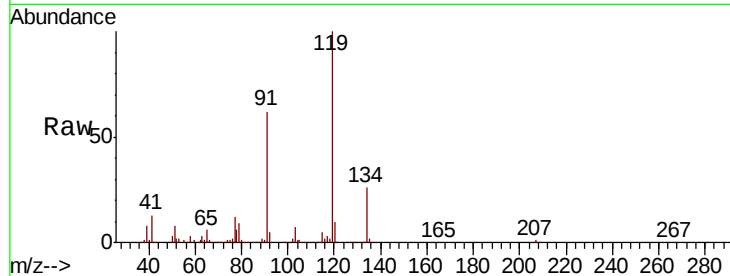
ClientSampleId :

VSTDIC010

Tot Ion:	119	Resp:	160797
Ion Ratio	Lower	Upper	
119	100		
91	60.7	30.8	92.4
134	27.2	13.2	39.6

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 9.675 ug/l

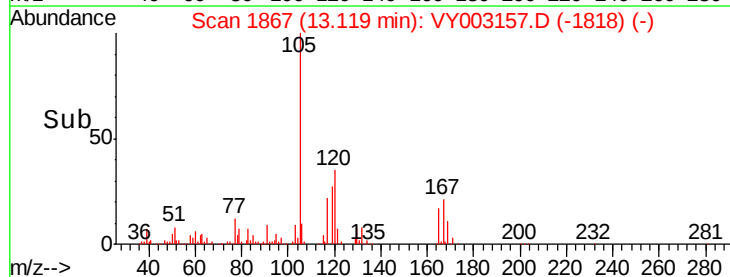
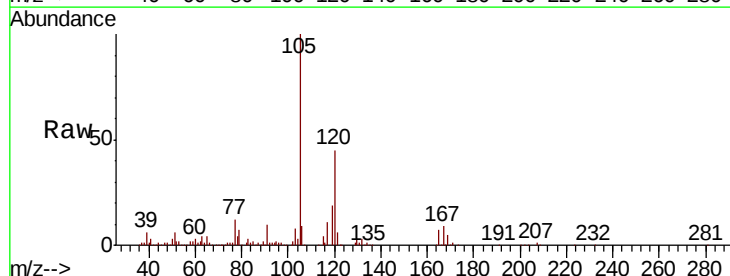
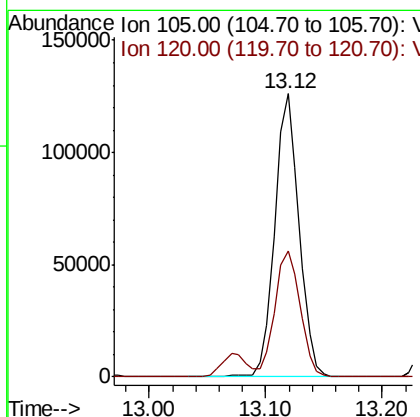
RT: 13.12 min Scan# 1867

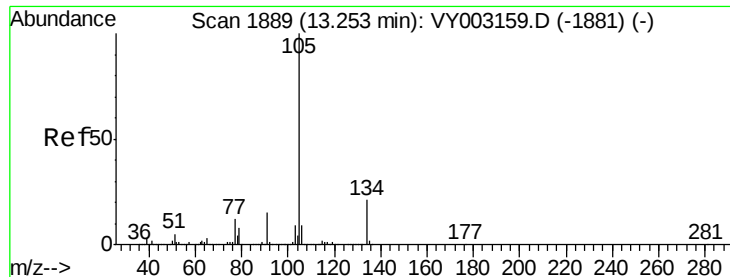
Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Tgt Ion:	105	Resp:	182081
Ion Ratio	Lower	Upper	
105	100		
120	46.9	22.5	67.5





#85

sec-Butylbenzene

Concen: 9.842 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 222368

Ion Ratio Lower Upper

105 100

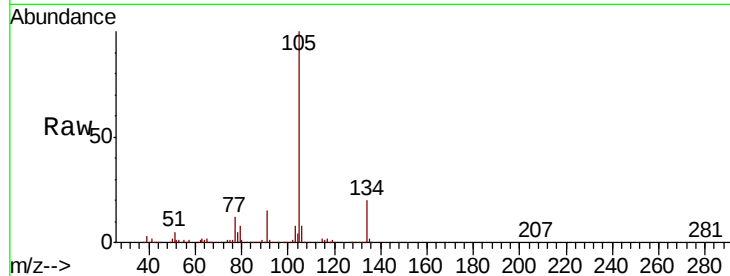
134 20.7 10.4 31.4

Manual Integrations

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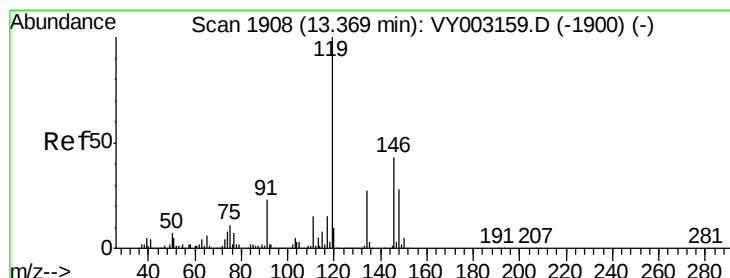
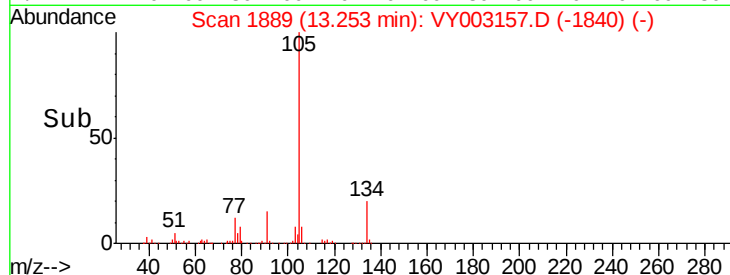
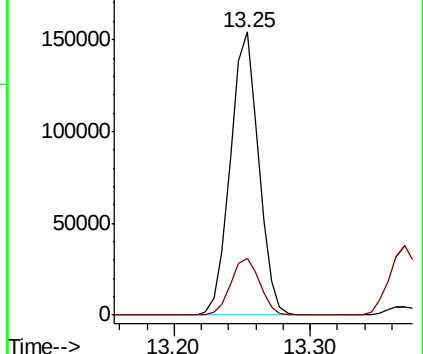
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 9.809 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003157.D

Acq: 10 Jul 2020 11:30

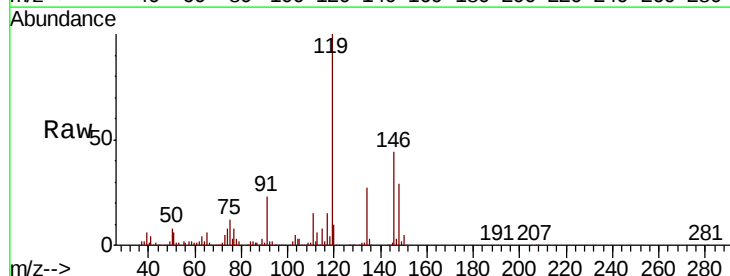
Tgt Ion:119 Resp: 205605

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

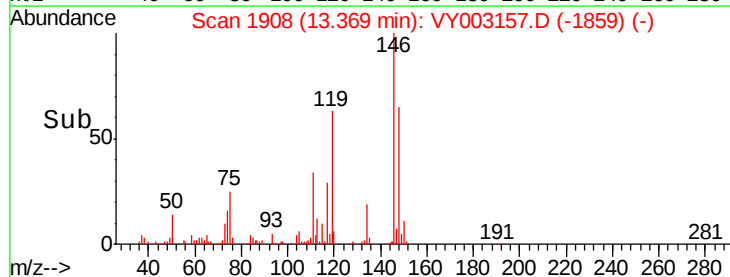
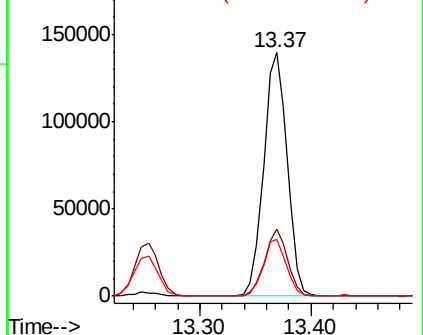
91 23.1 11.2 33.6

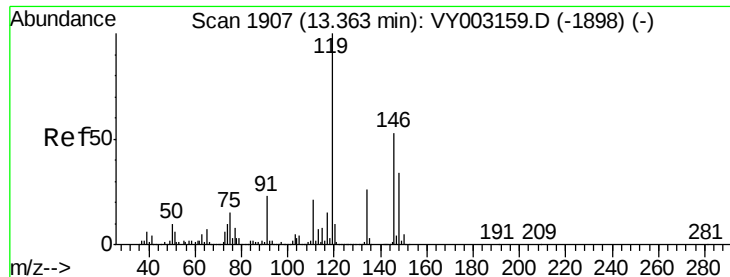


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





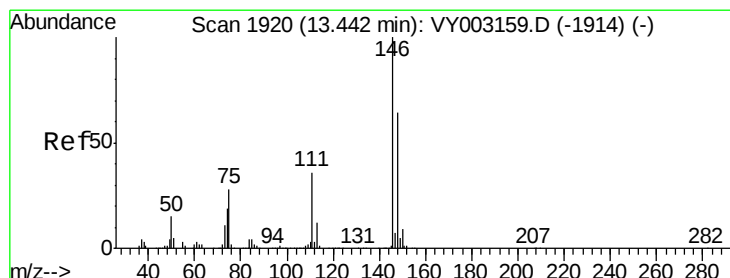
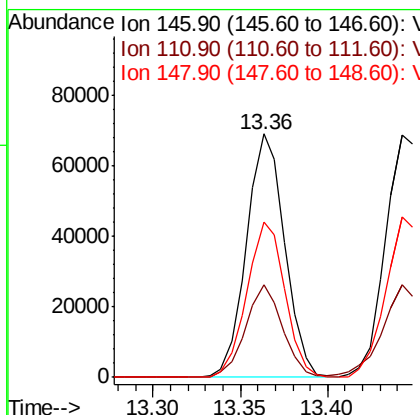
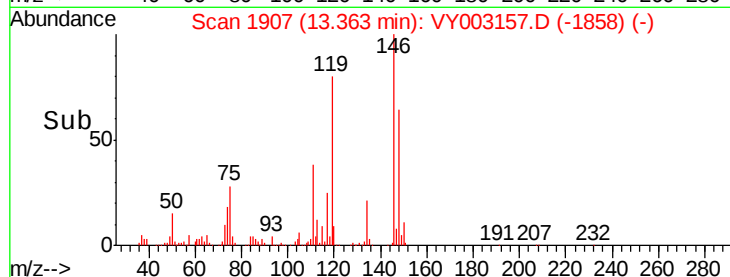
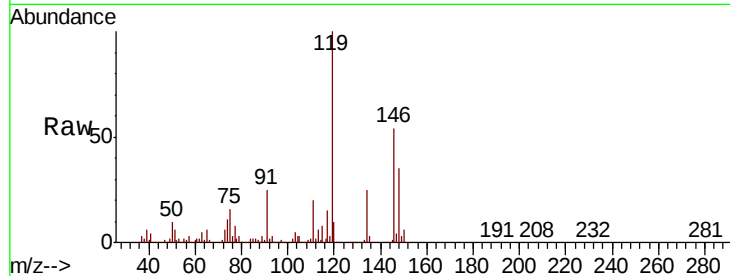
#87
 1,3-Dichlorobenzene
 Concen: 9.913 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003157.D
 Acq: 10 Jul 2020 11:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.8	56.3
148	63.5	32.3	96.9

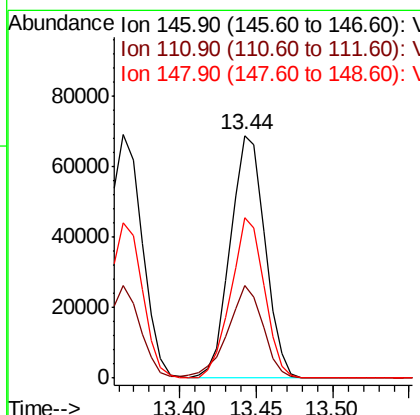
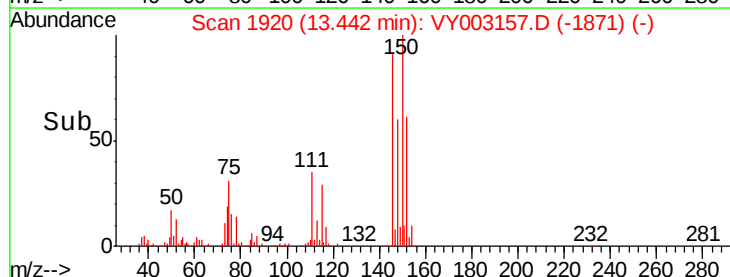
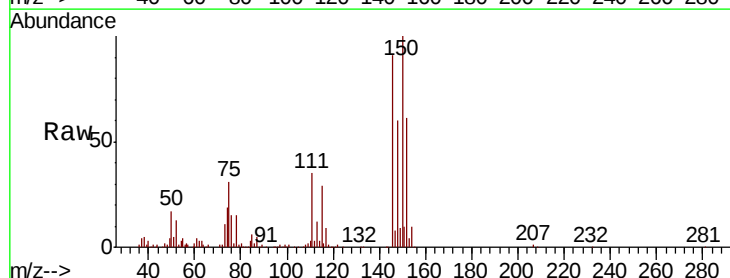
Manual Integrations
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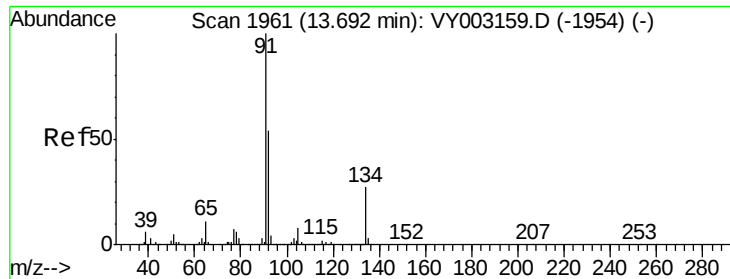
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#88
 1,4-Dichlorobenzene
 Concen: 10.293 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003157.D
 Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.4	55.0
148	64.3	32.0	96.0





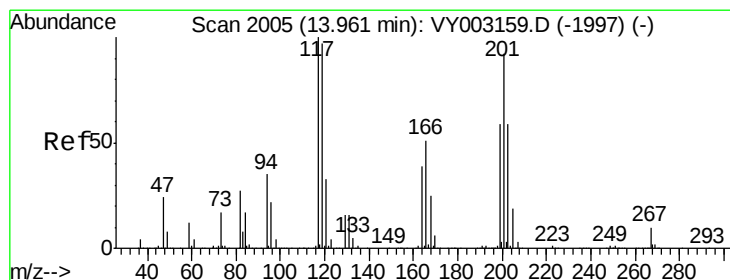
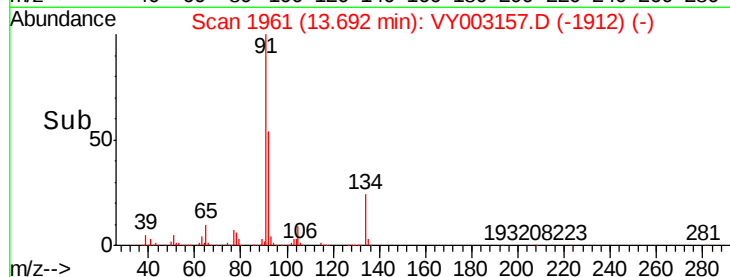
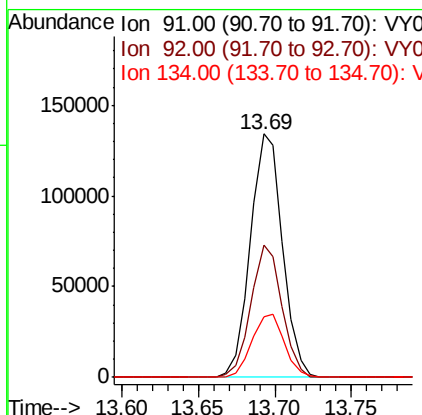
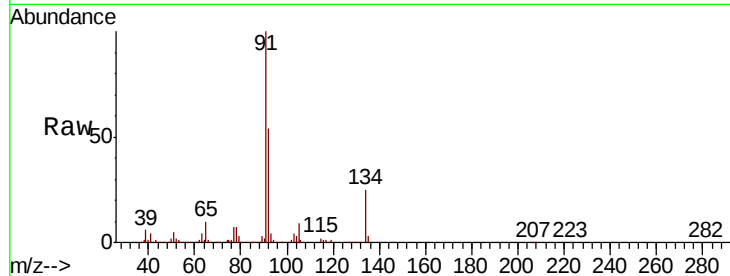
#89
n-Butylbenzene
Concen: 9.796 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.9	80.7
134	26.2	13.6	40.7

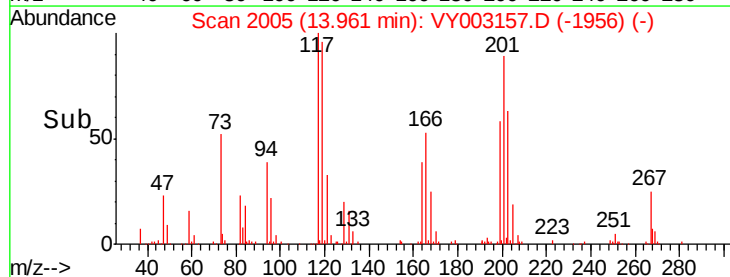
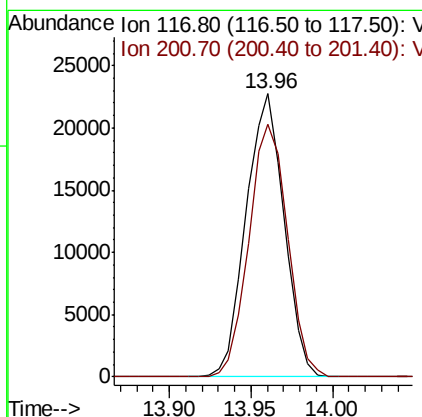
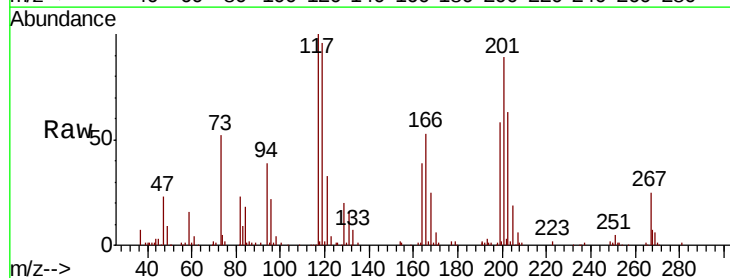
Manual Integrations
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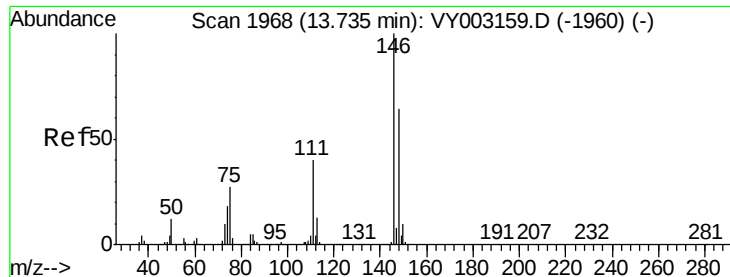
MMDadoda
7/13/2020 10:47:33 AM



#90
Hexachloroethane
Concen: 8.956 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.6	45.1	135.3





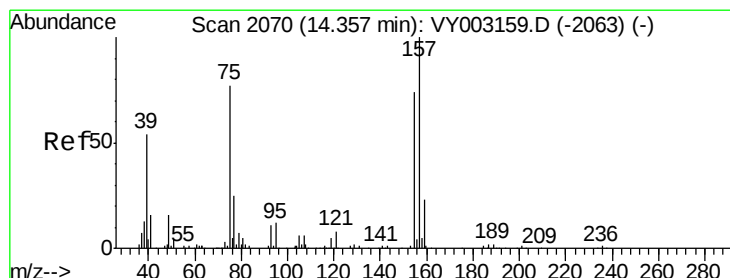
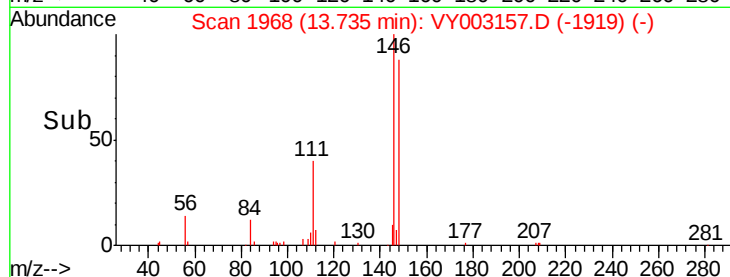
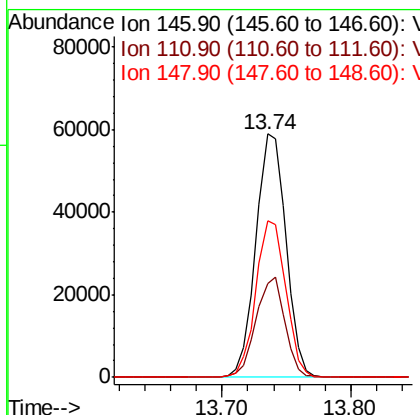
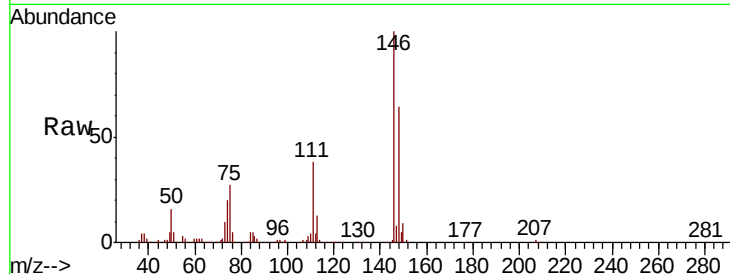
#91
 1,2-Dichlorobenzene
 Concen: 9.977 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003157.D
 Acq: 10 Jul 2020 11:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.8
148	63.9	32.4	97.0

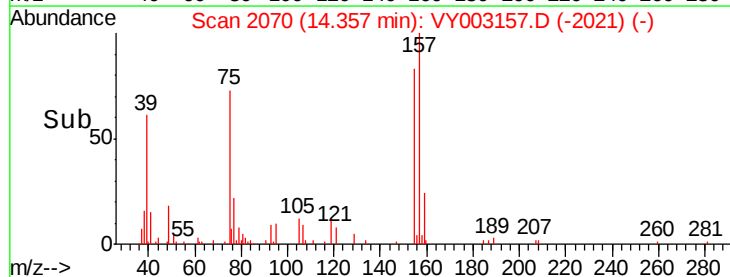
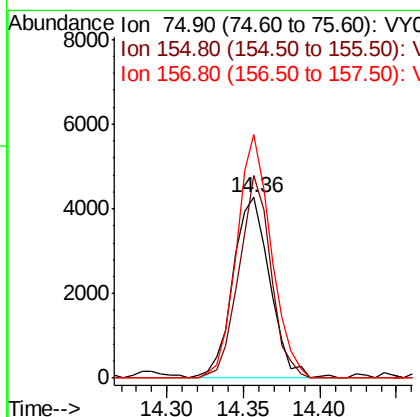
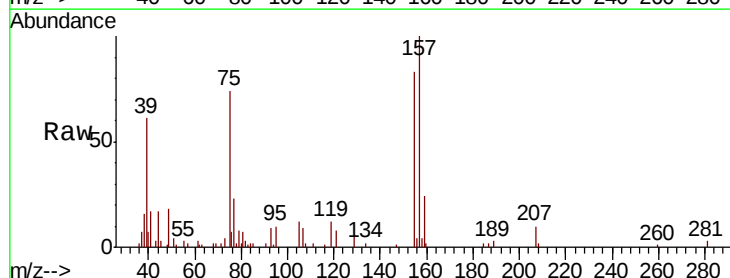
Manual Integrations
 APPROVED

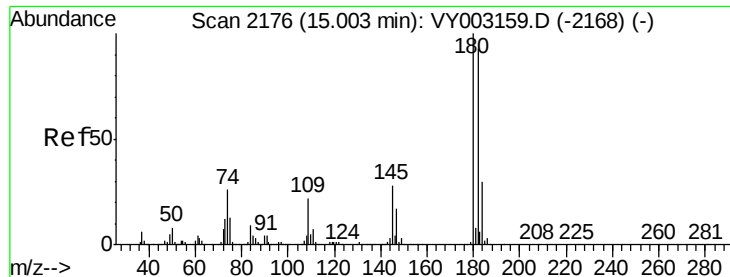
MMDadoda
 7/13/2020 10:47:33 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.243 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003157.D
 Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.3	48.1	144.3
157	125.8	61.9	185.6





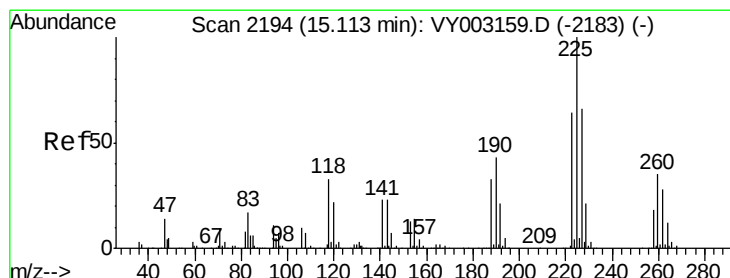
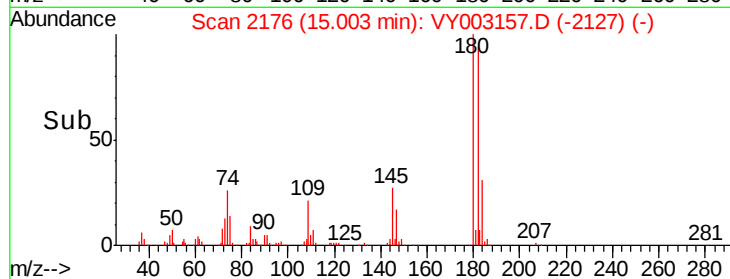
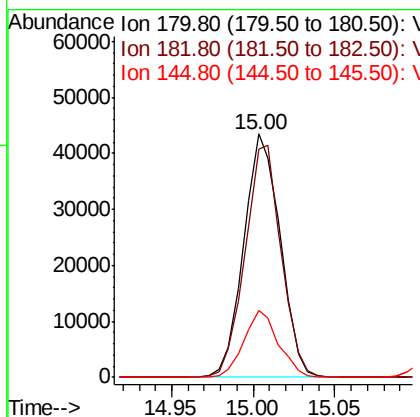
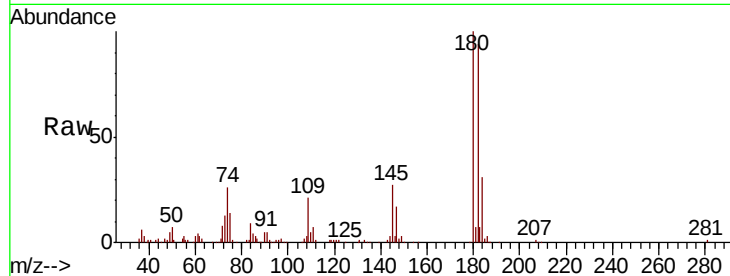
#93
 1,2,4-Trichlorobenzene
 Concen: 9.646 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003157.D
 Acq: 10 Jul 2020 11:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	67755		
182	94.4	47.3	142.0	
145	26.1	13.7	41.1	

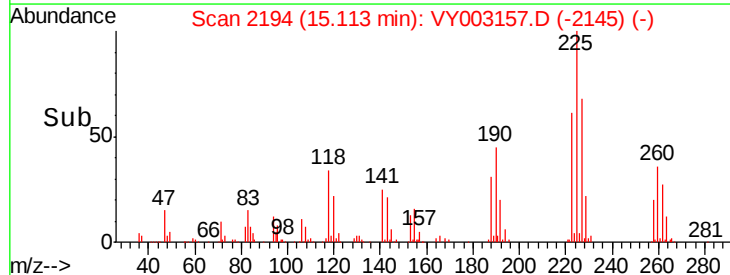
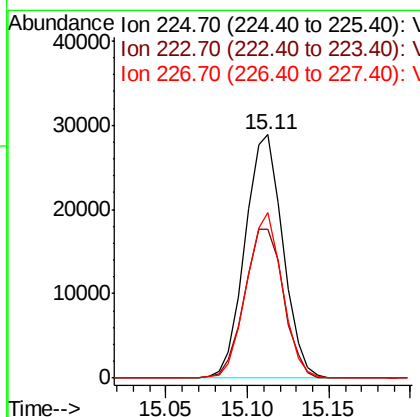
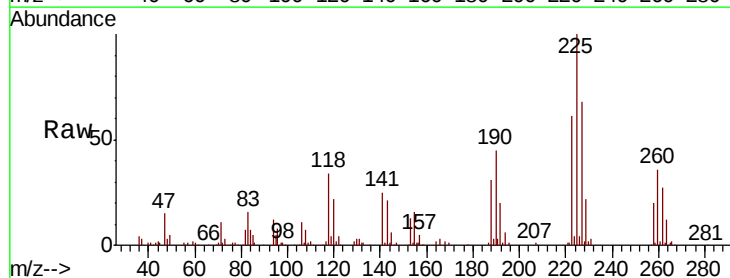
Manual Integrations
 APPROVED

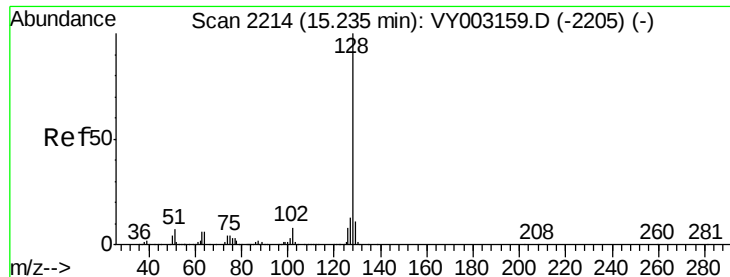
MMDadoda
 7/13/2020 10:47:33 AM



#94
 Hexachlorobutadiene
 Concen: 10.415 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003157.D
 Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46693		
223	63.2	31.6	94.7	
227	64.2	32.3	96.8	





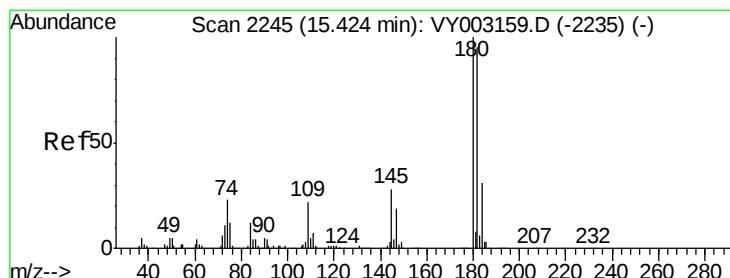
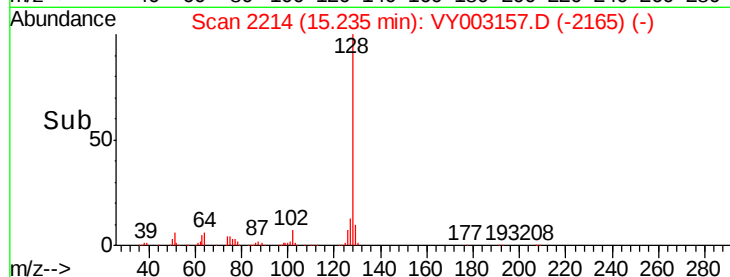
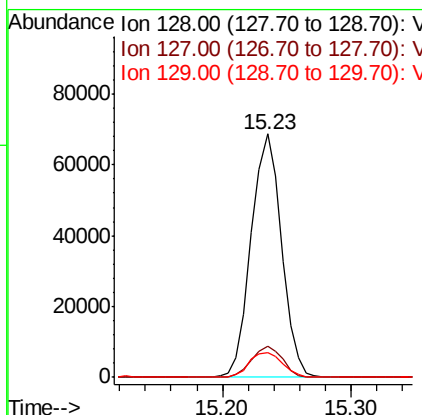
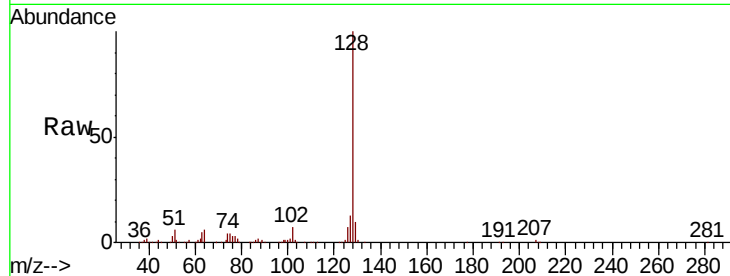
#95
Naphthalene
Concen: 8.871 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.9	16.3
129	11.2	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
7/13/2020 10:47:33 AM



#96
1,2,3-Trichlorobenzene
Concen: 8.976 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.8	146.3
145	28.5	14.9	44.5

