

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003385.D
 Acq On : 31 Jul 2020 12:53
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 12:37:31 PM

Quant Time: Jul 31 13:08:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 12:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	509111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	745349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	695177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	353391	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	747316	166.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	333.84%	
35) Dibromofluoromethane	7.72	113	701877	159.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.96%	
50) Toluene-d8	10.18	98	2756902	166.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	333.60%	
62) 4-Bromofluorobenzene	12.48	95	931550	157.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	575549	151.301	ug/l	99
3) Chloromethane	2.12	50	749019	143.762	ug/l	100
4) Vinyl Chloride	2.26	62	821638	153.644	ug/l	100
5) Bromomethane	2.63	94	641341	161.834	ug/l	99
6) Chloroethane	2.79	64	534121	153.216	ug/l	97
7) Trichlorofluoromethane	3.12	101	1138556	150.281	ug/l	98
8) Diethyl Ether	3.53	74	401057	157.134	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	684791	150.002	ug/l	100
10) Methyl Iodide	4.10	142	902790	179.976	ug/l	99
11) Tert butyl alcohol	4.97	59	347888	737.602	ug/l	99
12) 1,1-Dichloroethene	3.88	96	667972	153.726	ug/l	96
13) Acrolein	3.73	56	367696	866.557	ug/l	99
14) Allyl chloride	4.49	41	1137852	173.574	ug/l	100
15) Acrylonitrile	5.17	53	1007664	821.485	ug/l	100
16) Acetone	3.95	43	922065	914.651	ug/l	98
17) Carbon Disulfide	4.19	76	2155103	160.296	ug/l	99
18) Methyl Acetate	4.48	43	465706	169.361	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	1917764	158.810	ug/l	99
20) Methylene Chloride	4.72	84	797089	133.975	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	761323	155.974	ug/l	98
22) Diisopropyl ether	6.13	45	2393884	166.412	ug/l	99
23) Vinyl Acetate	6.07	43	8024880	838.807	ug/l	98
24) 1,1-Dichloroethane	6.02	63	1327442	160.017	ug/l	99
25) 2-Butanone	6.99	43	1409854	864.871	ug/l	98
26) 2,2-Dichloropropane	6.99	77	1166583	156.255	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	848389	157.660	ug/l	99
28) Bromochloromethane	7.34	49	494605	141.868	ug/l	98
29) Tetrahydrofuran	7.35	42	907479	834.374	ug/l	99
30) Chloroform	7.51	83	1325047	155.765	ug/l	98
31) Cyclohexane	7.79	56	1210663	151.092	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	1208678	157.362	ug/l	99
36) 1,1-Dichloropropene	7.92	75	1063463	154.454	ug/l	100
37) Ethyl Acetate	7.08	43	610676	164.181	ug/l	99
38) Carbon Tetrachloride	7.91	117	1114025	157.132	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	1319398	153.133	ug/l	98
40) Benzene	8.16	78	2976999	156.948	ug/l	99
41) Methacrylonitrile	7.33	41	395815m	175.783	ug/l	
42) 1,2-Dichloroethane	8.24	62	901580	154.889	ug/l	99
43) Isopropyl Acetate	8.28	43	1176035	163.908	ug/l	100
44) Trichloroethene	8.94	130	860749	149.462	ug/l	99
45) 1,2-Dichloropropane	9.22	63	775302	157.636	ug/l	98
46) Dibromomethane	9.31	93	431513	152.083	ug/l	97
47) Bromodichloromethane	9.50	83	1072282	157.740	ug/l	99
48) Methyl methacrylate	9.29	41	544644	169.523	ug/l	98
49) 1,4-Dioxane	9.30	88	117095	3243.585	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	3046017	816.285	ug/l	99
52) Toluene	10.24	92	1898723	156.916	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	1152165	163.437	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	1297083	159.601	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	618139	152.862	ug/l	98
56) Ethyl methacrylate	10.51	69	901809	164.647	ug/l	99
57) 1,3-Dichloropropane	10.79	76	1059630	154.535	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	1925321	706.916	ug/l	99
59) 2-Hexanone	10.83	43	2167380	831.612	ug/l	100
60) Dibromochloromethane	10.99	129	791909	156.093	ug/l	100
61) 1,2-Dibromoethane	11.09	107	599167	151.172	ug/l	100
64) Tetrachloroethene	10.72	164	884969	142.467	ug/l	98
65) Chlorobenzene	11.52	112	2062161	151.599	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	821915	155.452	ug/l	99
67) Ethyl Benzene	11.59	91	3796849	155.905	ug/l	98
68) m/p-Xylenes	11.70	106	2878234	311.834	ug/l	98
69) o-Xylene	12.03	106	1365223	158.120	ug/l	100
70) Styrene	12.04	104	2362165	159.970	ug/l	99
71) Bromoform	12.20	173	524370	152.127	ug/l	99
73) Isopropylbenzene	12.33	105	3643162	159.166	ug/l	100
74) N-amyl acetate	12.14	43	1062153	164.943	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	688558	155.739	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	491517m	155.648	ug/l	
77) Bromobenzene	12.61	156	913901	156.840	ug/l	99
78) n-propylbenzene	12.67	91	4244556	156.846	ug/l	99
79) 2-Chlorotoluene	12.75	91	2377347	157.828	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	2997609	156.946	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	264169	162.126	ug/l	98
82) 4-Chlorotoluene	12.85	91	2454370	156.130	ug/l	99
83) tert-Butylbenzene	13.07	119	2660601	158.489	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	3037184	157.948	ug/l	99
85) sec-Butylbenzene	13.25	105	3589896	154.890	ug/l	100
86) p-Isopropyltoluene	13.37	119	3409776	157.573	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	1741166	157.681	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	1666547	152.375	ug/l	99
89) n-Butylbenzene	13.69	91	3113526	152.942	ug/l	100
90) Hexachloroethane	13.96	117	646807	163.095	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	1495554	154.185	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	109241	152.691	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	1061291	153.630	ug/l	99
94) Hexachlorobutadiene	15.11	225	673379	142.860	ug/l	100
95) Naphthalene	15.23	128	1868334	162.938	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	870980	158.276	ug/l	100

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

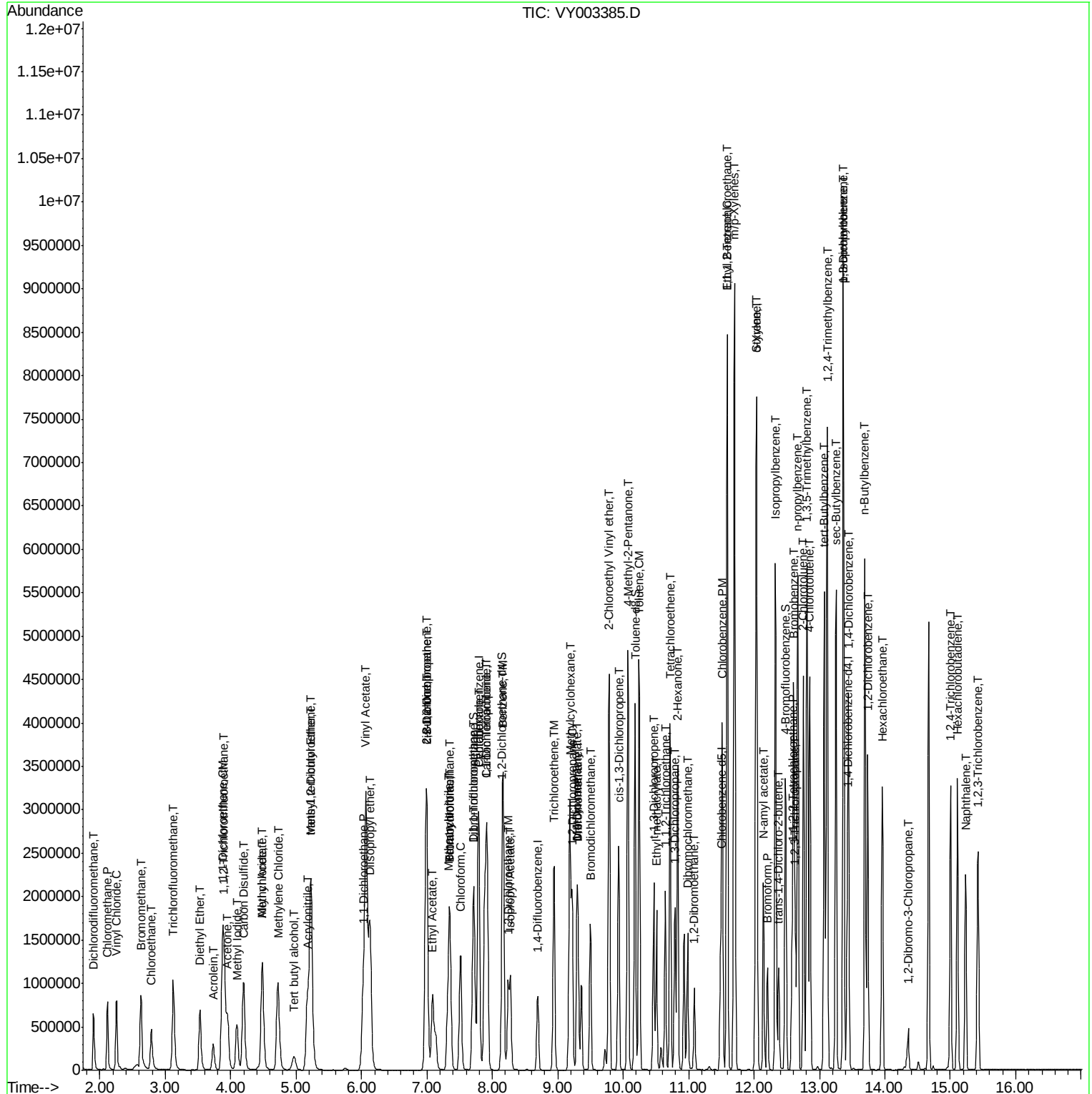
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
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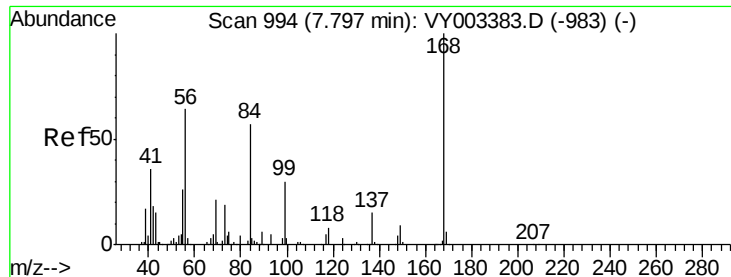
Instrument :
MSVOA_Y
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 509111

Ion Ratio Lower Upper

168 100

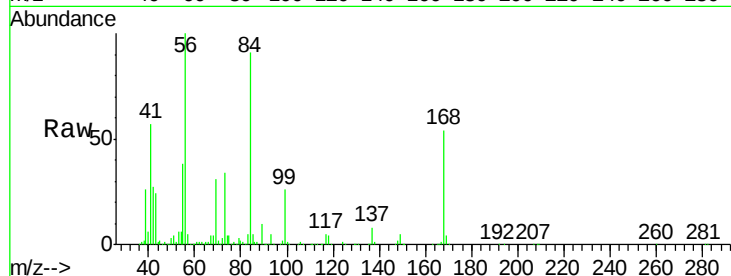
99 47.6 38.8 58.2

Manual Integrations

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8/3/2020 12:37:31 PM



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

300000

200000

100000

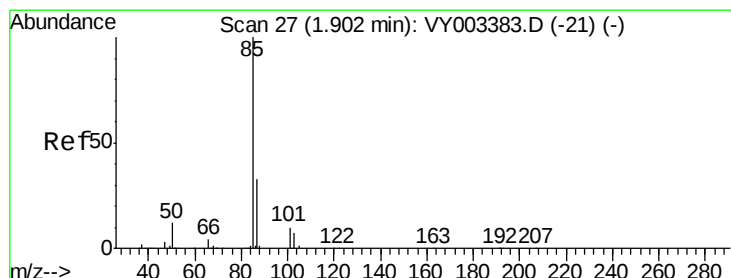
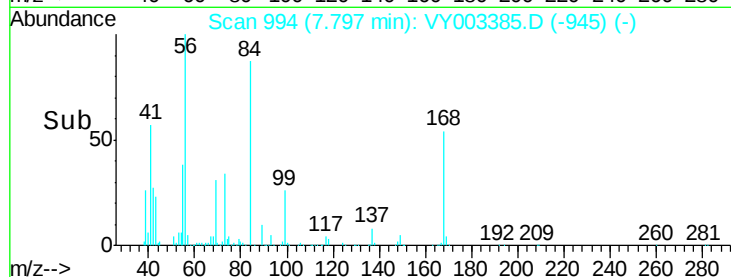
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 151.301 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003385.D

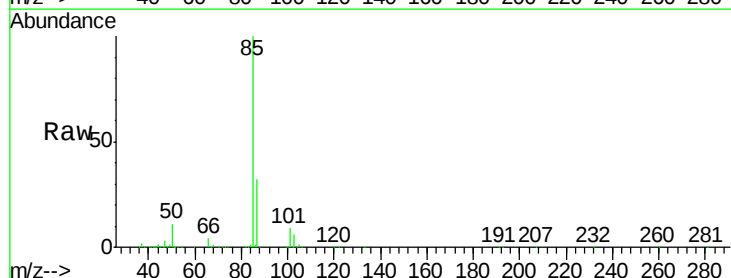
Acq: 31 Jul 2020 12:53

Tgt Ion: 85 Resp: 575549

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY003383.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003383.D (-21) (-)

400000

300000

200000

100000

0

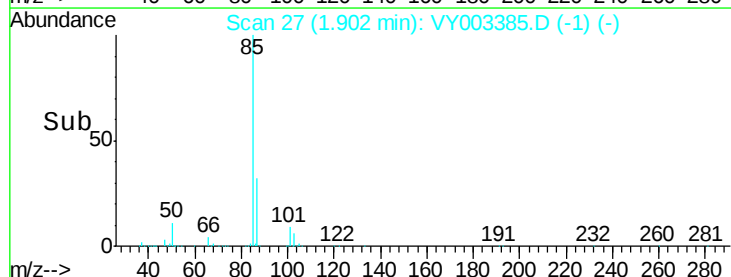
1.80

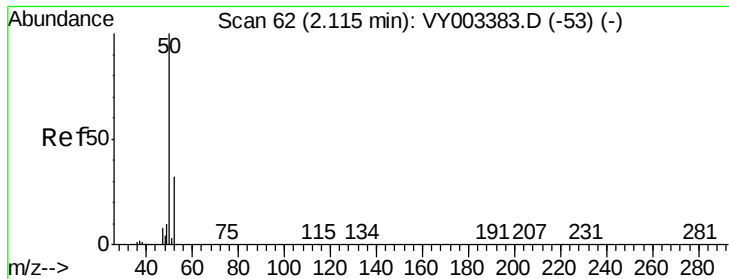
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 143.762 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 749019

Ion Ratio Lower Upper

50 100

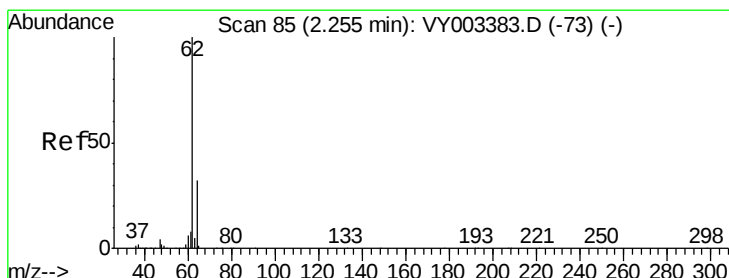
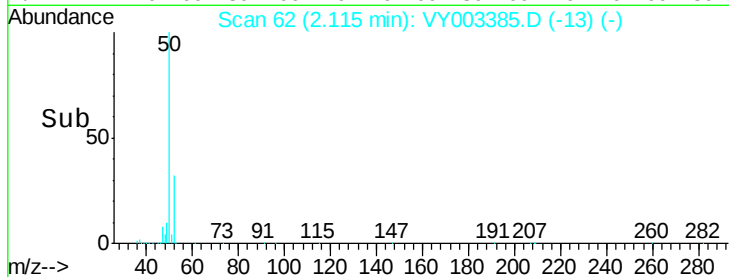
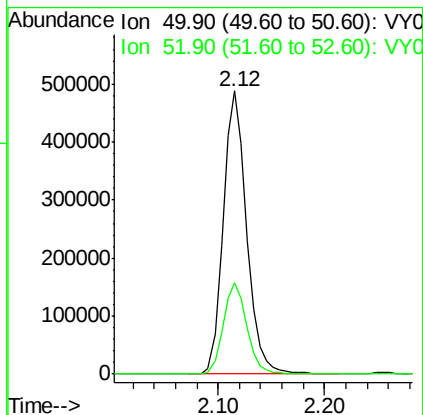
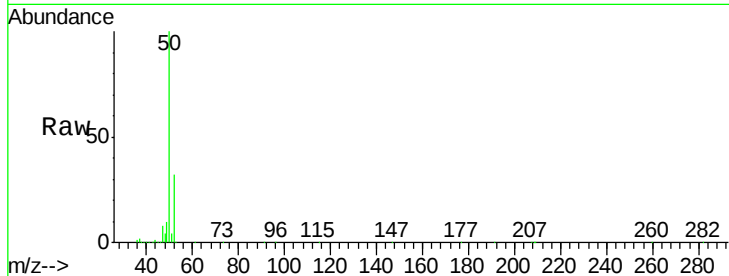
52 32.4 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 153.644 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003385.D

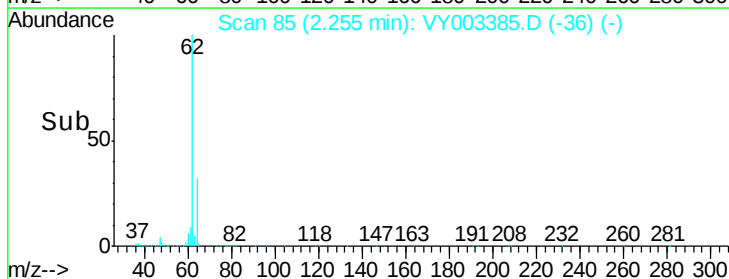
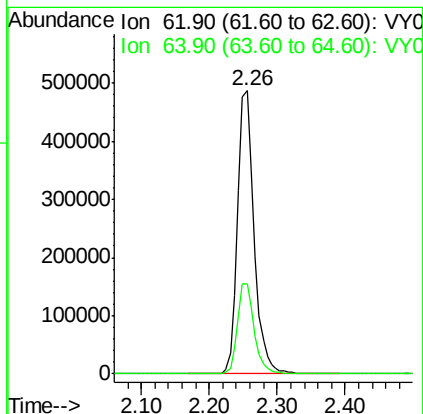
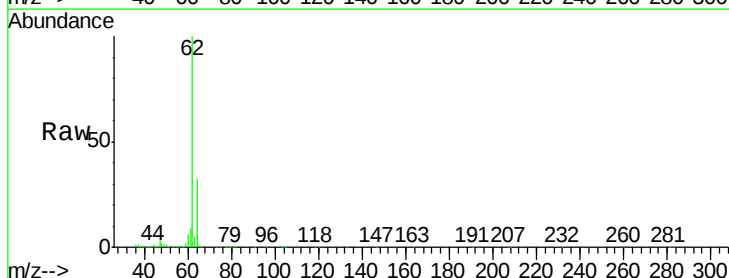
Acq: 31 Jul 2020 12:53

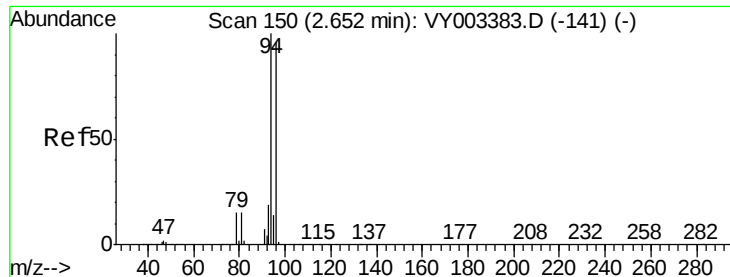
Tgt Ion: 62 Resp: 821638

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 161.834 ug/l

RT: 2.63 min Scan# 146

Delta R.T. -0.02 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 641341

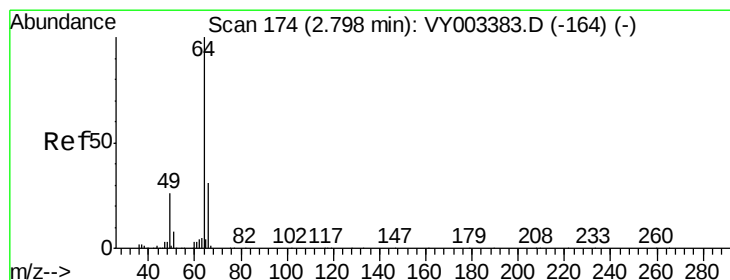
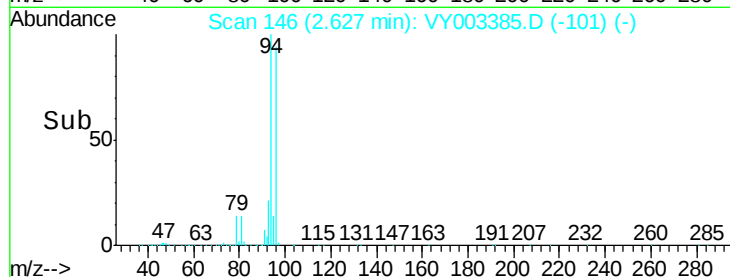
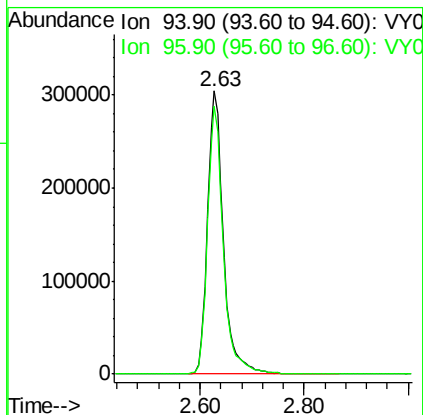
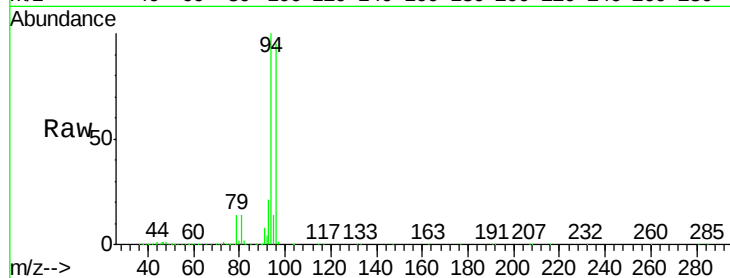
Ion Ratio Lower Upper

94 100

96 94.5 76.6 115.0

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#6

Chloroethane

Concen: 153.216 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY003385.D

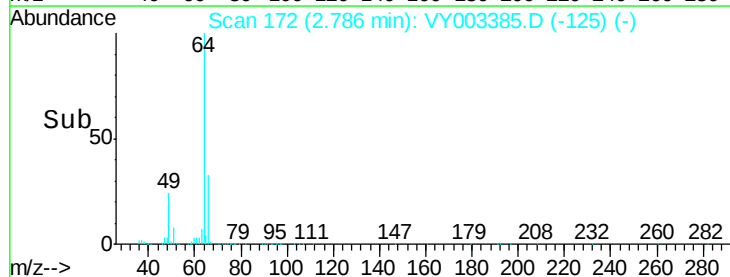
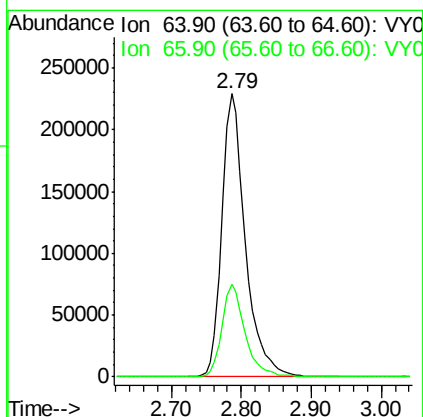
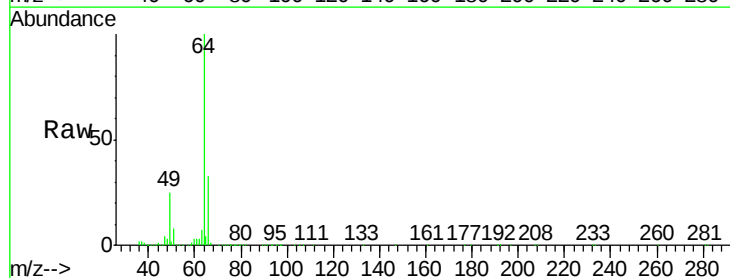
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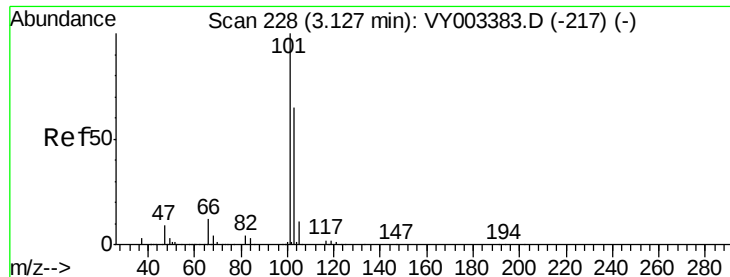
Tgt Ion: 64 Resp: 534121

Ion Ratio Lower Upper

64 100

66 32.6 24.7 37.1





#7

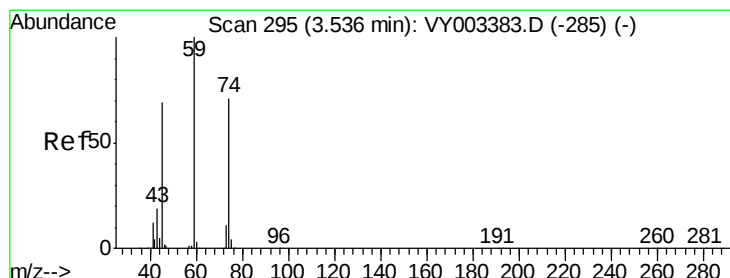
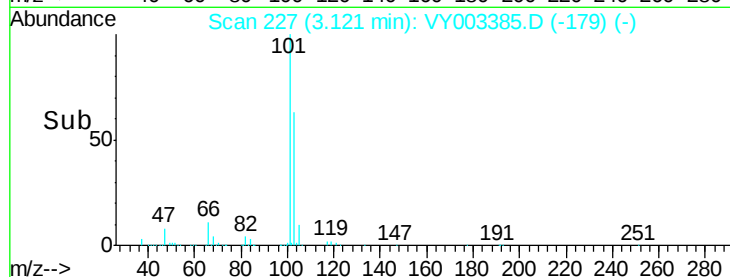
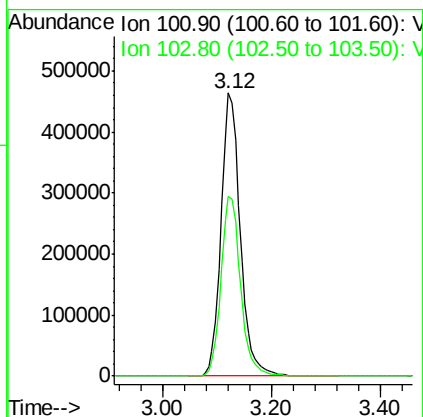
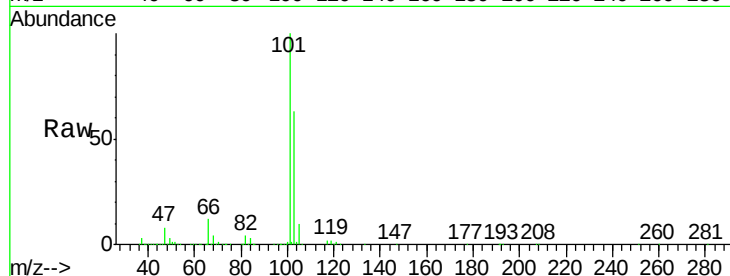
Trichlorofluoromethane
Concen: 150.281 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

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ClientSampleId :
VSTDICC150

Tot Ion:101 Resp: 1138556
Ion Ratio Lower Upper
101 100
103 63.3 51.8 77.6

Manual Integrations
APPROVED

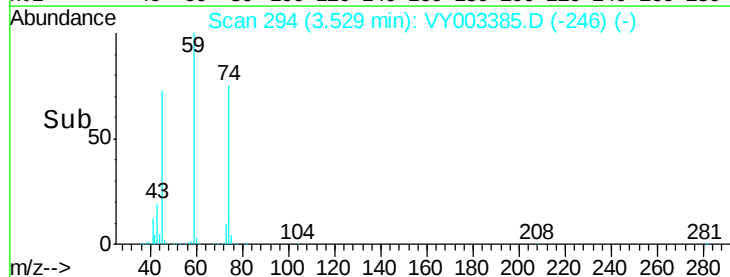
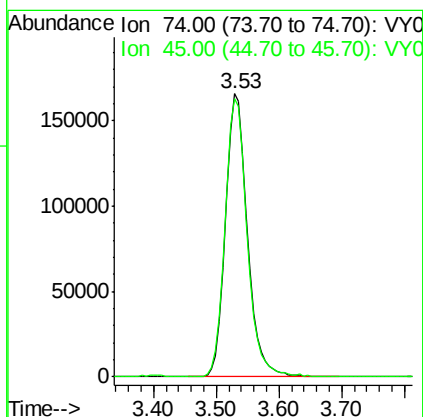
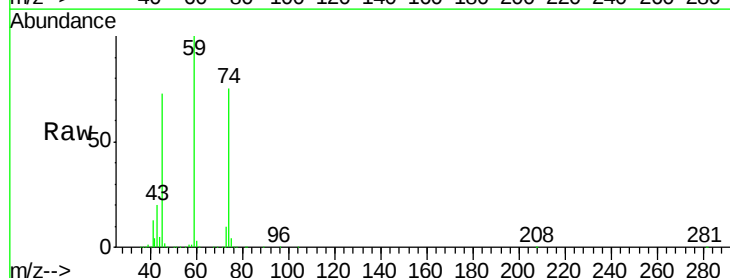
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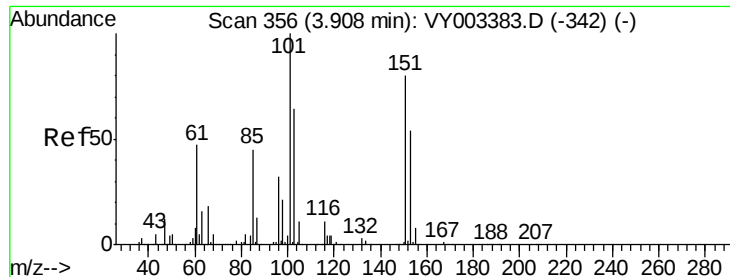


#8

Diethyl Ether
Concen: 157.134 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion: 74 Resp: 401057
Ion Ratio Lower Upper
74 100
45 99.0 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 150.002 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

MSVOA_Y

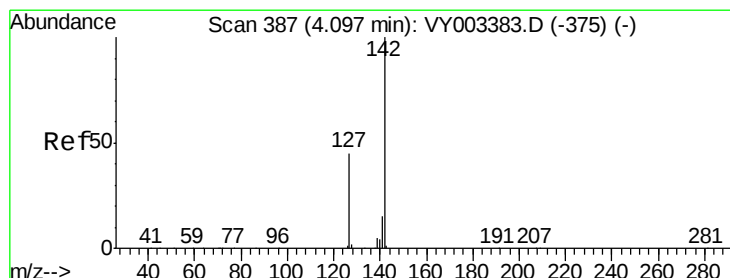
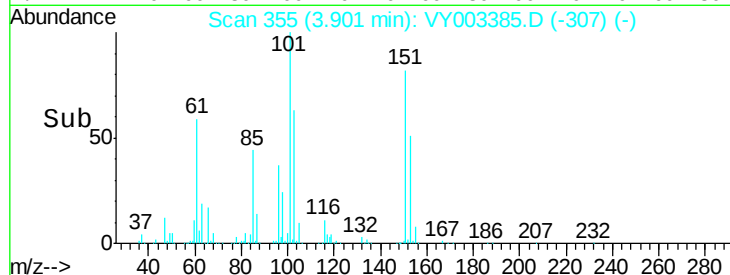
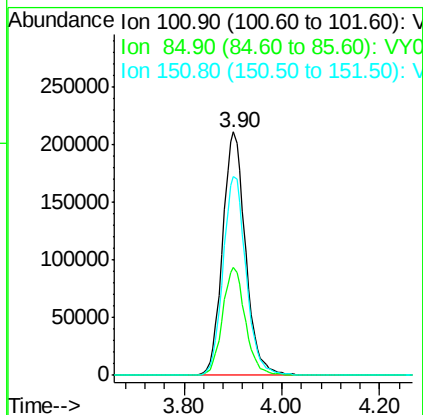
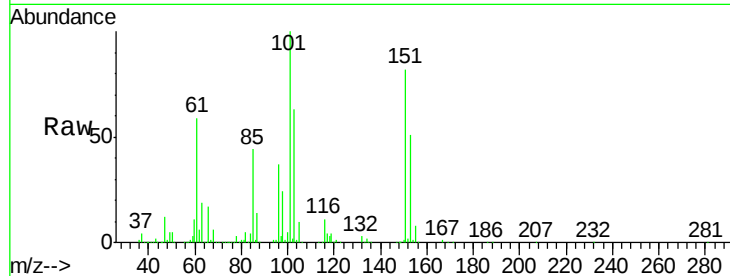
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	684791
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.7	53.5
151	82.2	65.7	98.5

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#10

Methyl Iodide

Concen: 179.976 ug/l

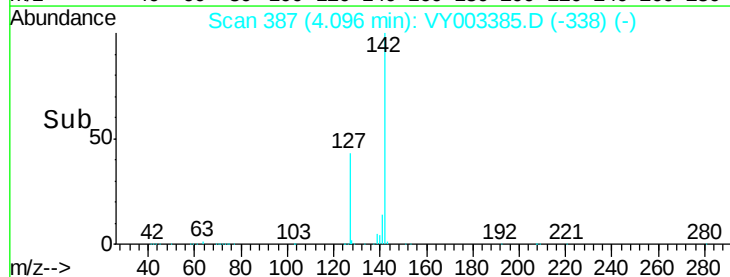
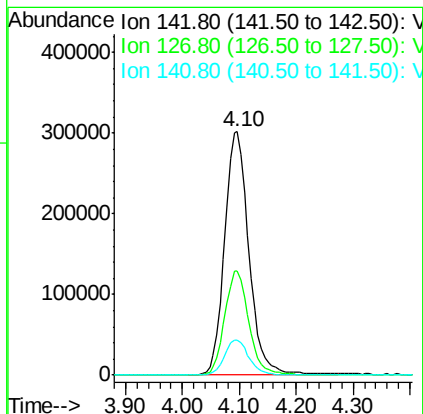
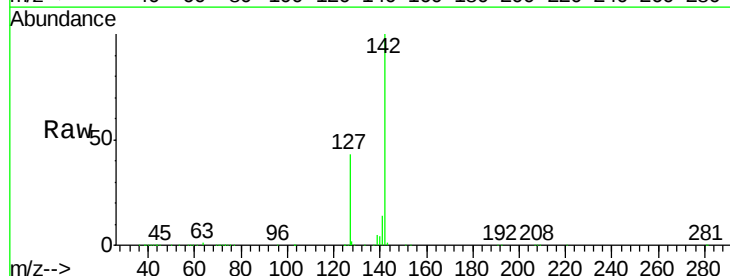
RT: 4.10 min Scan# 387

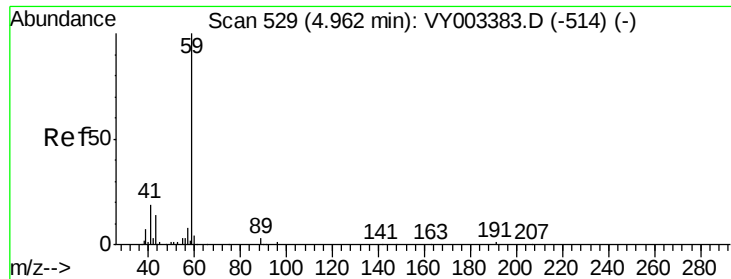
Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Tgt Ion:	142	Resp:	902790
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.6	52.0
141	14.5	11.4	17.0





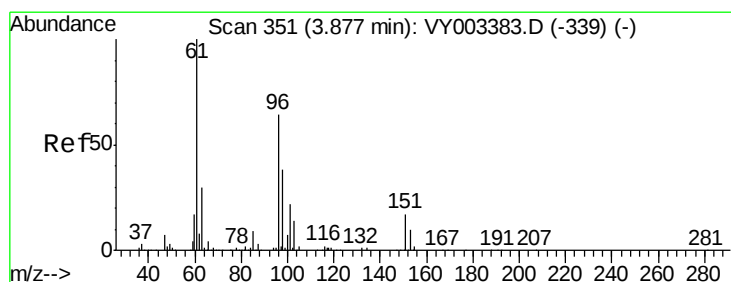
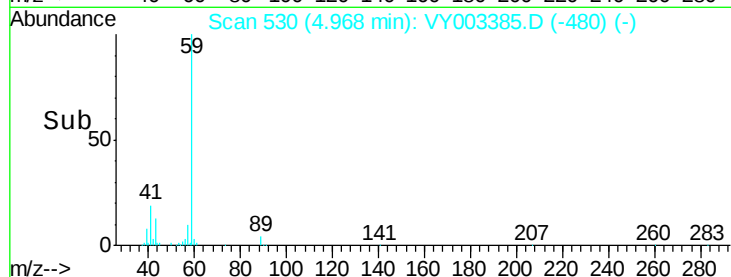
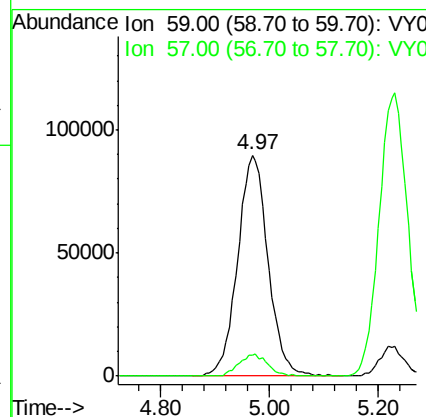
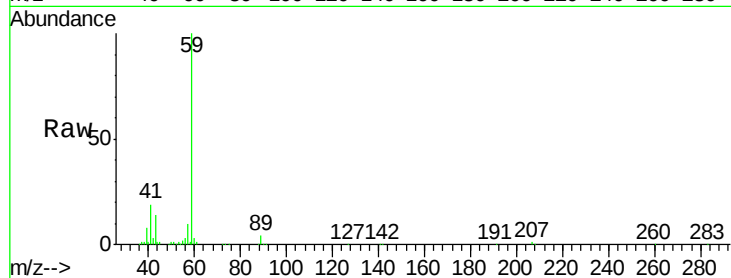
#11
Tert butyl alcohol
Concen: 737.602 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.0	12.0

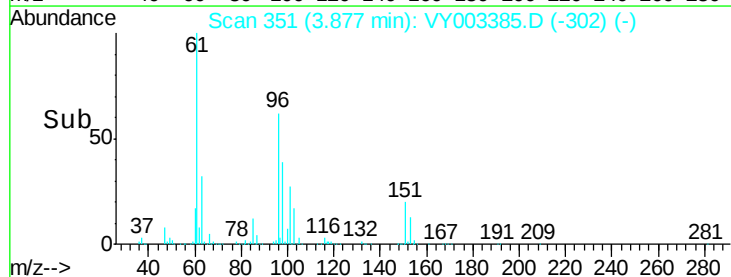
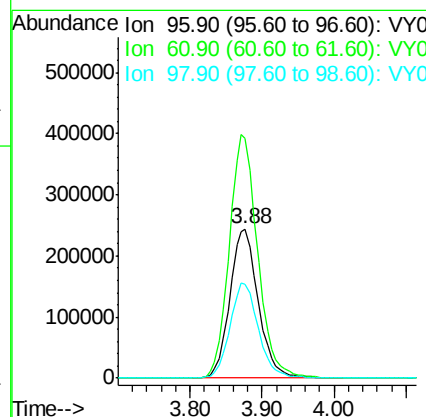
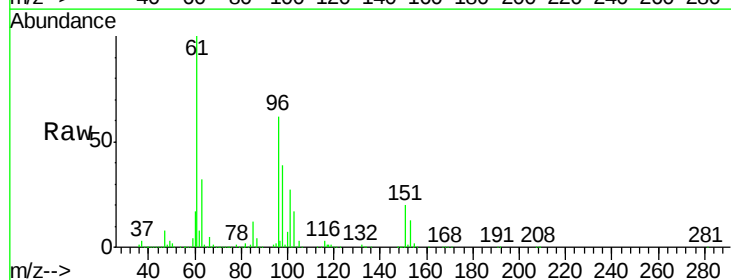
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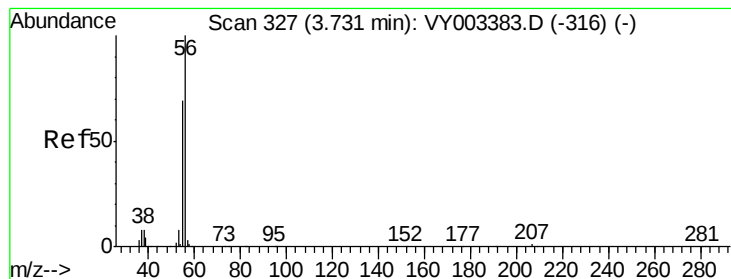
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#12
1,1-Dichloroethene
Concen: 153.726 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.0	124.7	187.1
98	63.2	47.4	71.2





#13

Acrolein

Concen: 866.557 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 367696

Ion Ratio Lower Upper

56 100

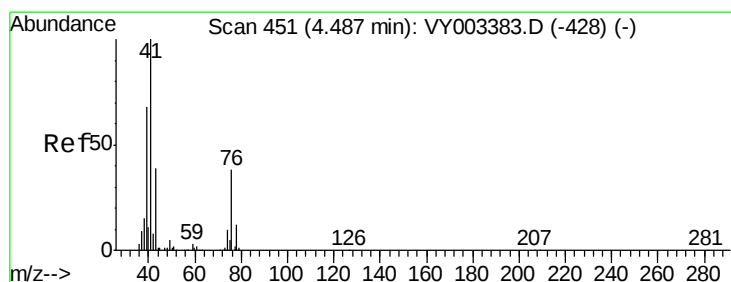
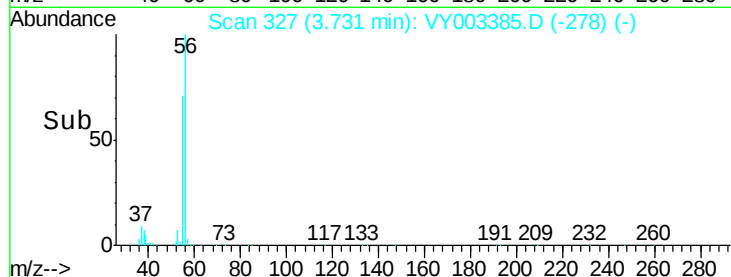
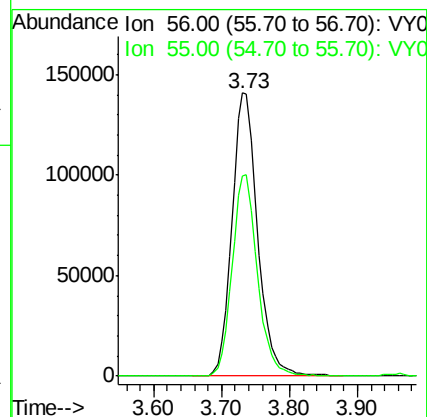
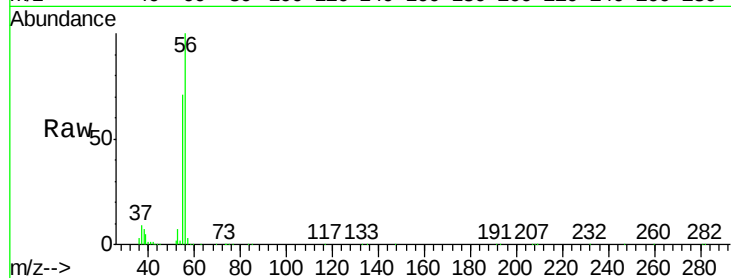
55 70.3 55.5 83.3

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#14

Allyl chloride

Concen: 173.574 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

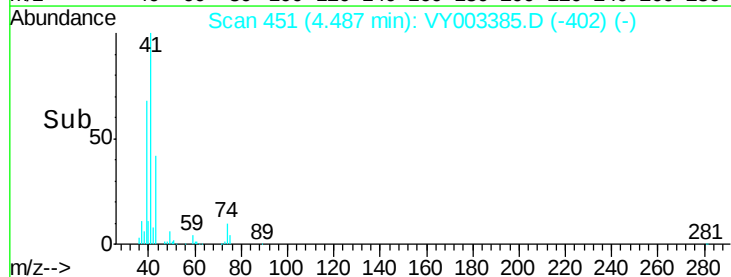
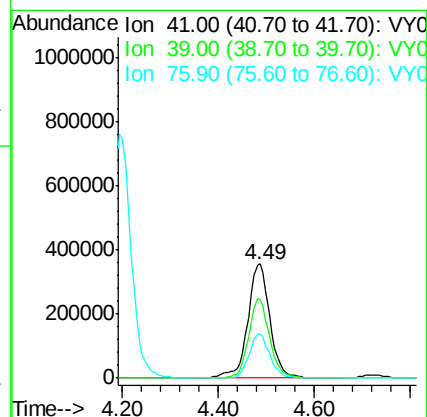
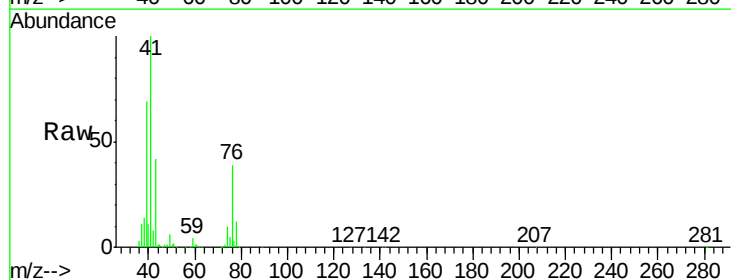
Tgt Ion: 41 Resp: 1137852

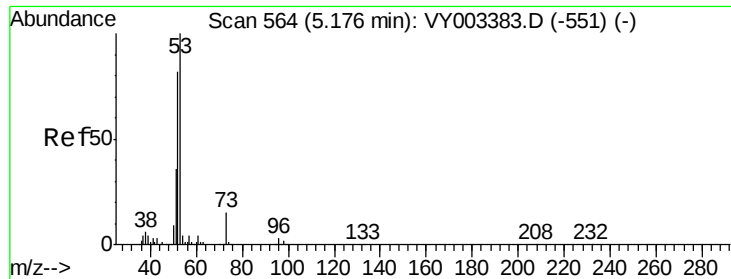
Ion Ratio Lower Upper

41 100

39 65.9 52.7 79.1

76 36.6 29.8 44.6





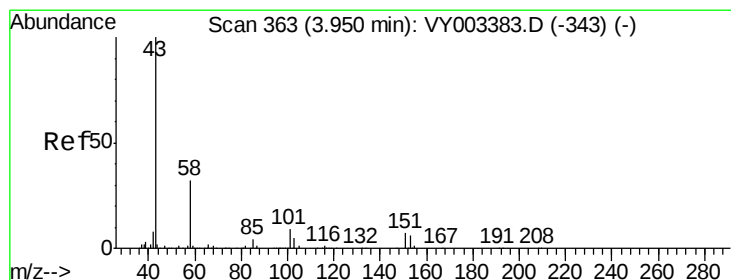
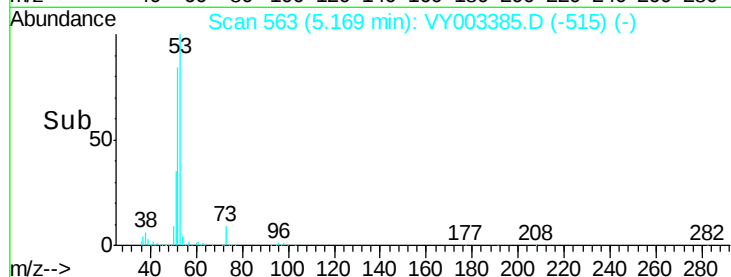
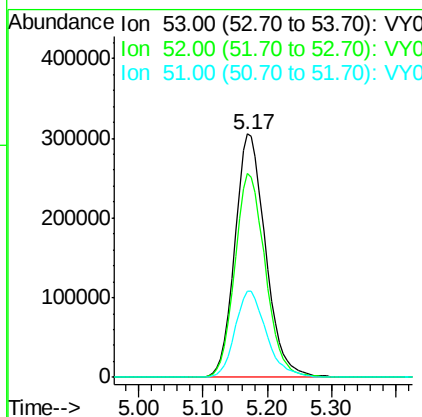
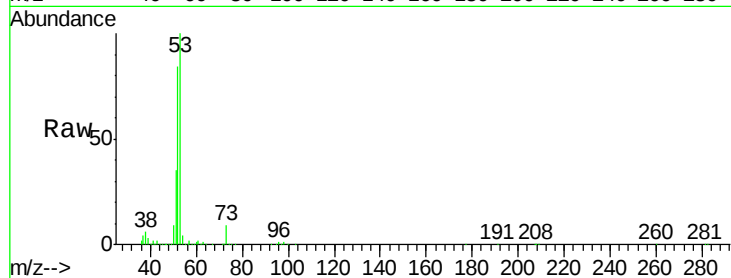
#15
 Acrylonitrile
 Concen: 821.485 ug/l
 RT: 5.17 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.4	67.0	100.6
51	36.4	29.3	43.9

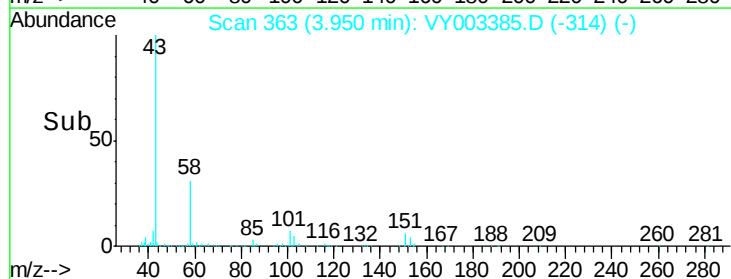
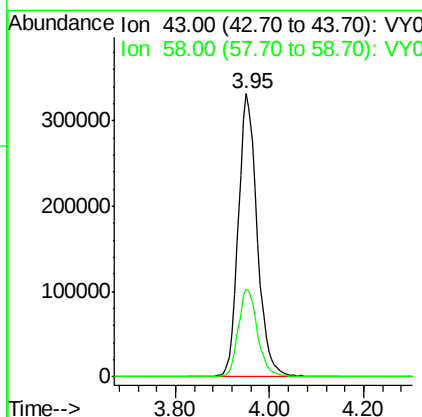
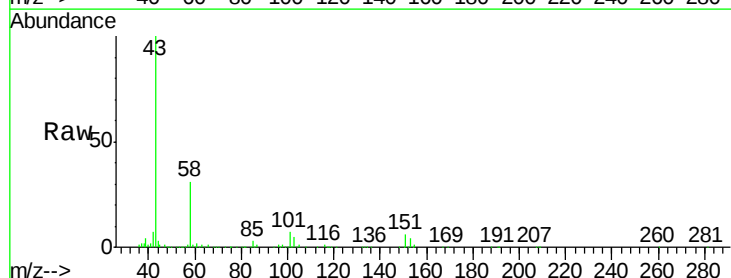
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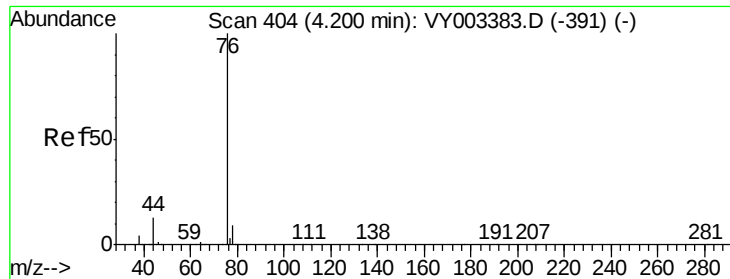
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#16
 Acetone
 Concen: 914.651 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.4	38.2





#17

Carbon Disulfide

Concen: 160.296 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tot Ion: 76 Resp: 2155103

Ion Ratio Lower Upper

76 100

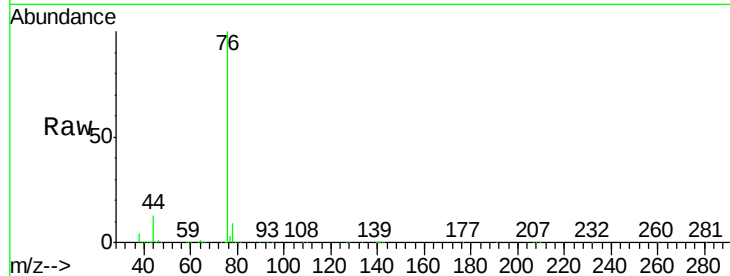
78 8.9 7.5 11.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.19

800000

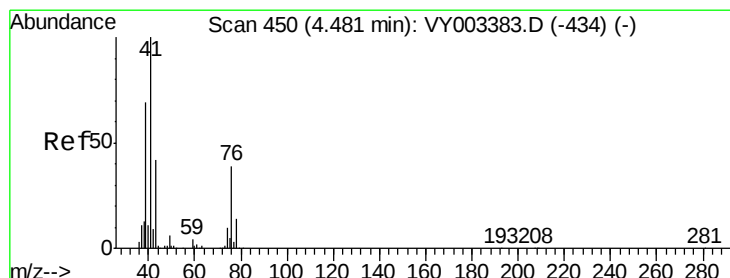
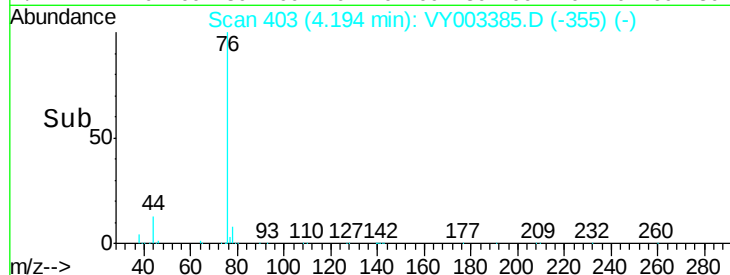
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 169.361 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY003385.D

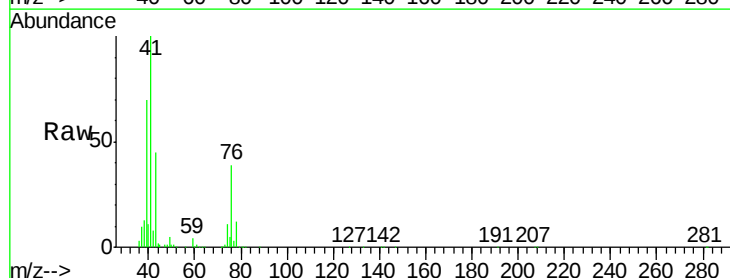
Acq: 31 Jul 2020 12:53

Tgt Ion: 43 Resp: 465706

Ion Ratio Lower Upper

43 100

74 23.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

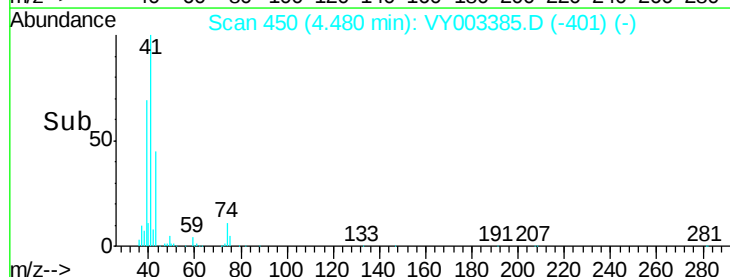
150000

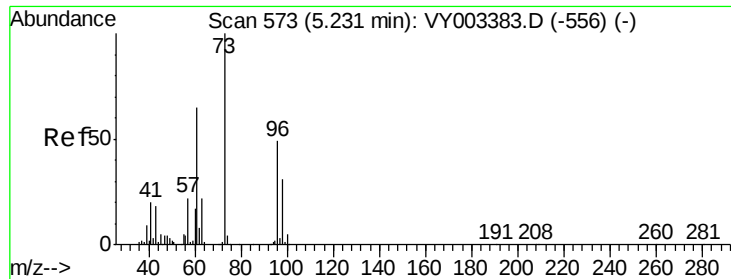
100000

50000

0

Time-->





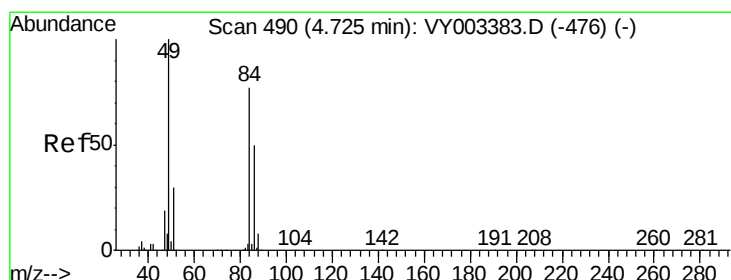
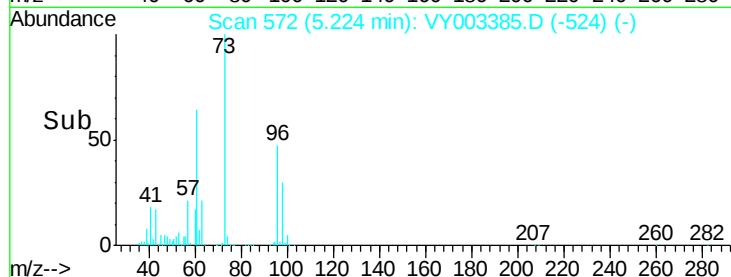
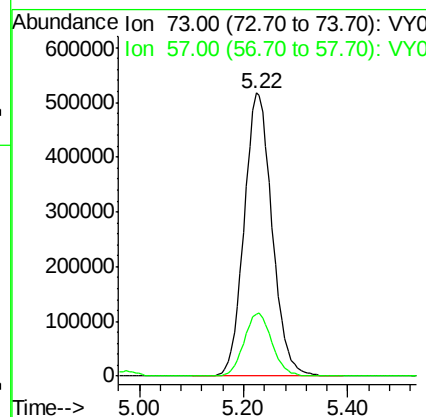
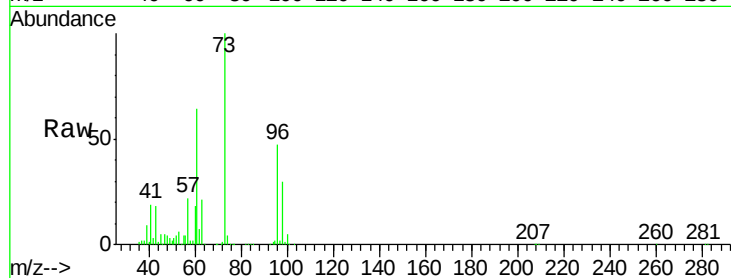
#19
Methvl tert-butvl Ether
Concen: 158.810 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1917764
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8

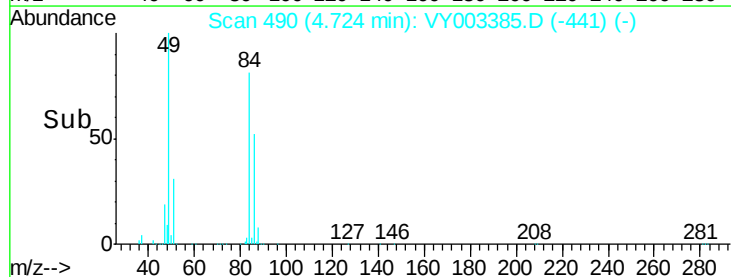
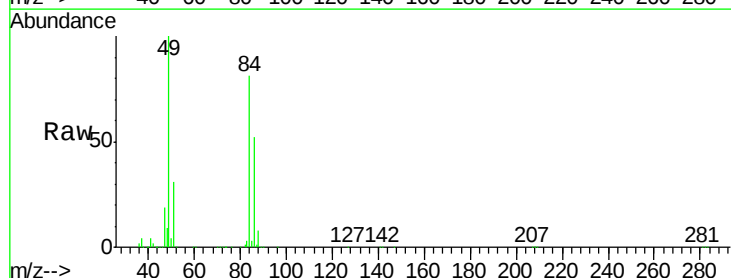
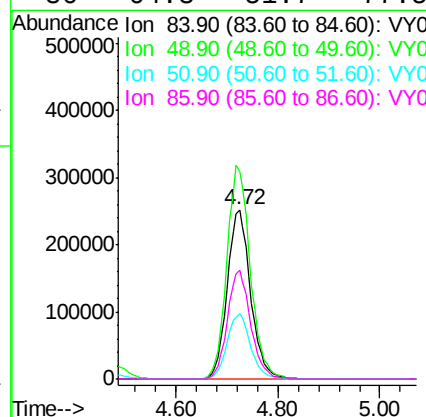
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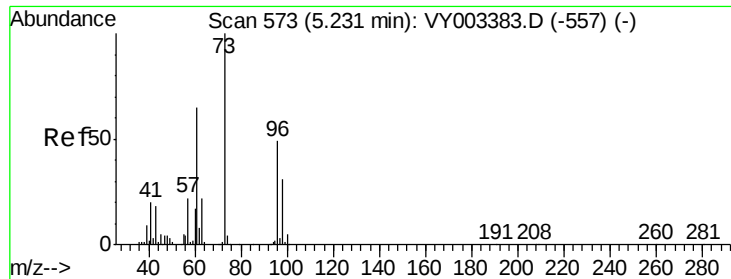
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#20
Methylene Chloride
Concen: 133.975 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion: 84 Resp: 797089
Ion Ratio Lower Upper
84 100
49 123.0 104.2 156.4
51 38.3 31.5 47.3
86 64.3 51.7 77.5





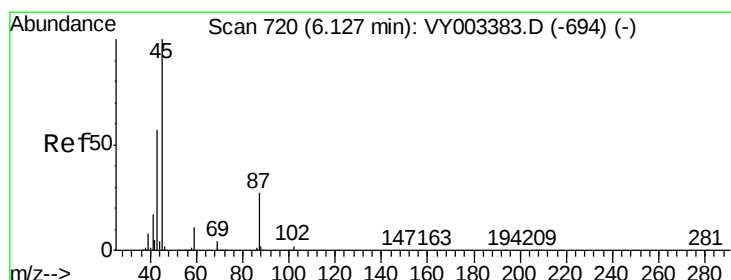
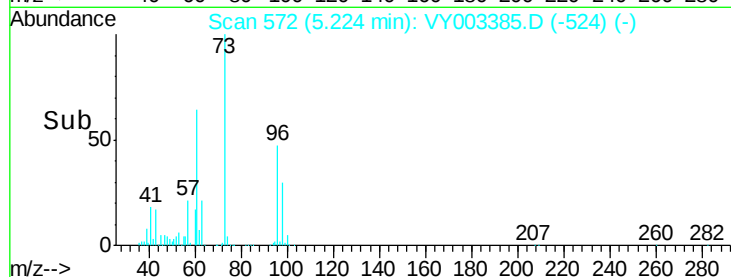
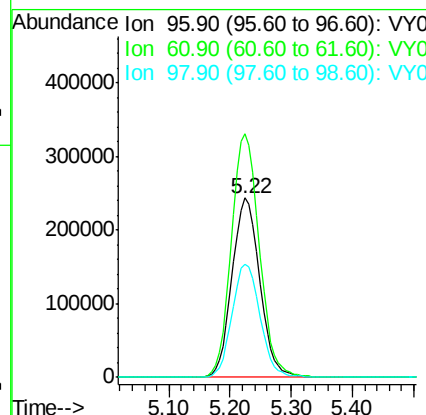
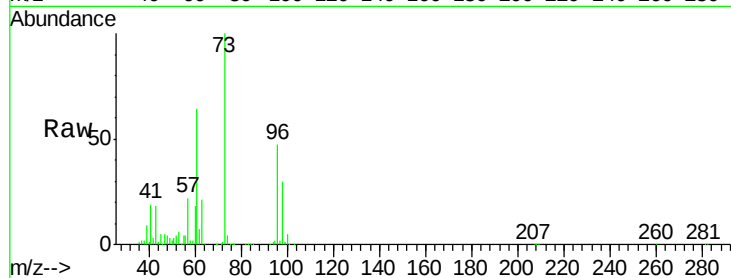
#21
trans-1,2-Dichloroethene
Concen: 155.974 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.9	106.3	159.5
98	63.1	50.8	76.2

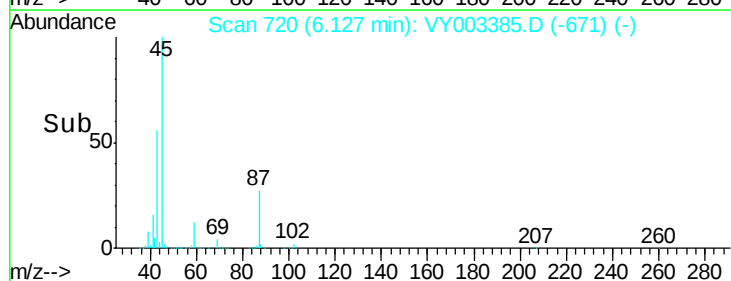
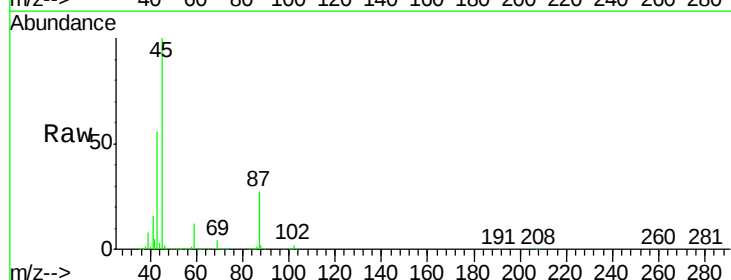
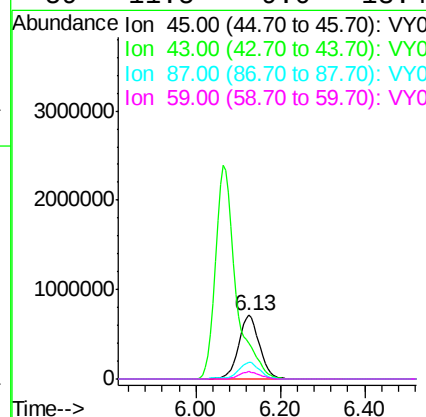
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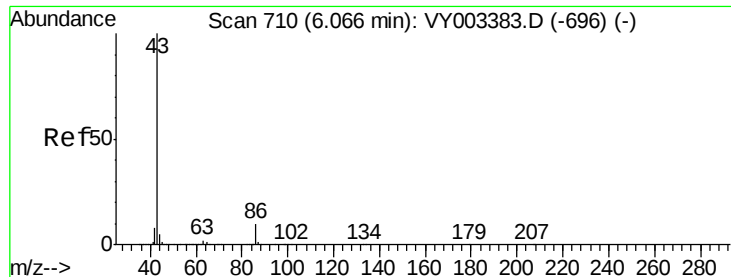
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#22
Diisopropyl ether
Concen: 166.412 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.4	45.6	68.4
87	26.6	21.3	31.9
59	11.5	9.0	13.4





#23

Vinyl Acetate

Concen: 838.807 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Tot Ion: 43 Resp: 8024880

Ion Ratio Lower Upper

43 100

86 10.6 8.0 12.0

Instrument :

MSVOA_Y

ClientSampleId :

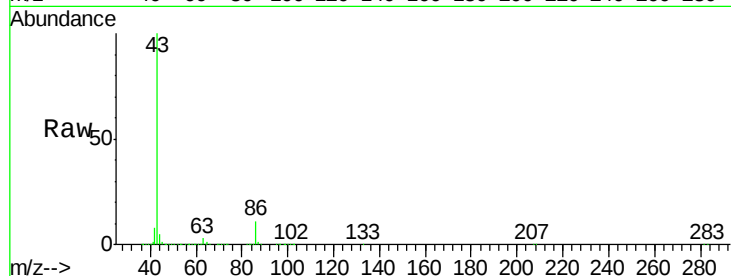
VSTDIC150

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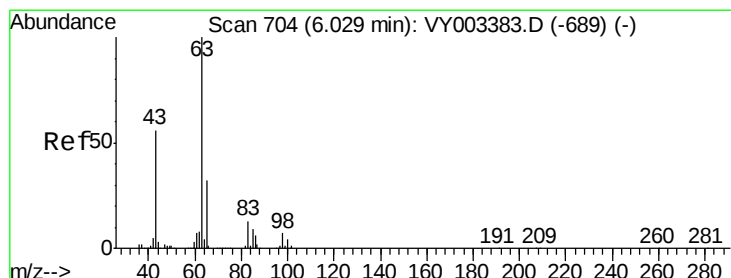
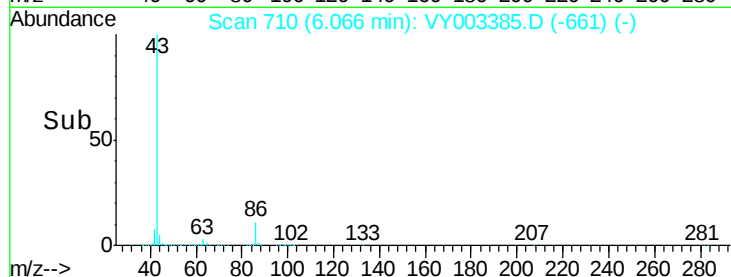
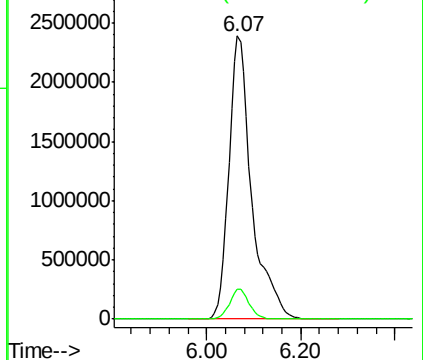
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 160.017 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

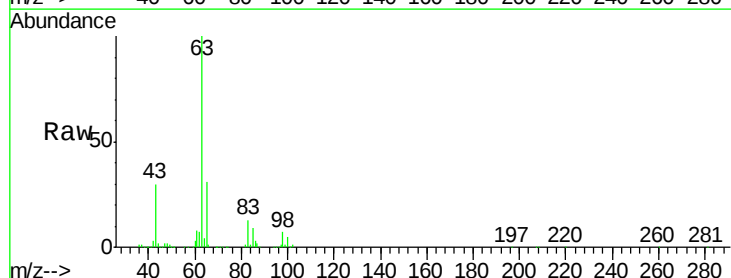
Tgt Ion: 63 Resp: 1327442

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.6

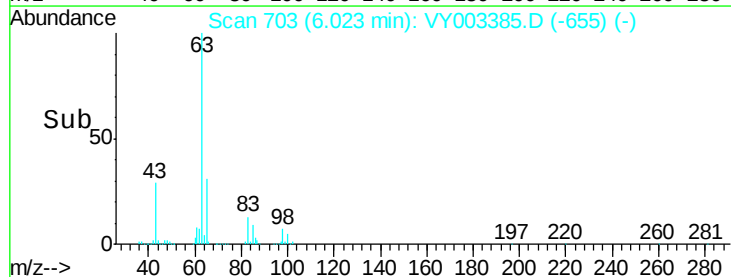
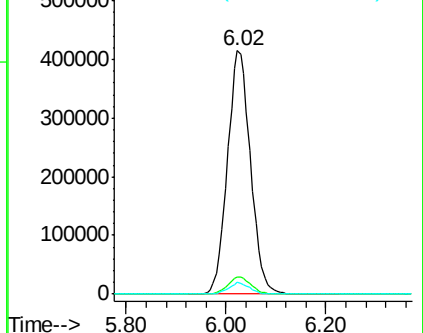
100 4.7 2.2 6.6

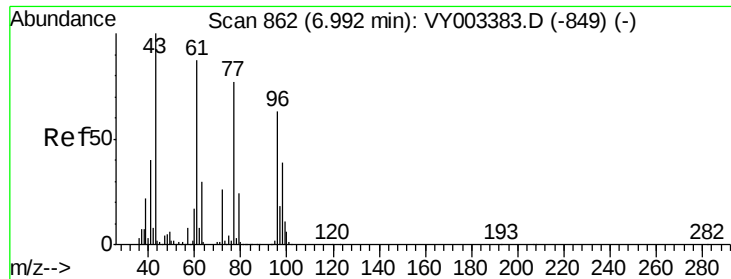


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 864.871 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1409854

Ion Ratio Lower Upper

43 100

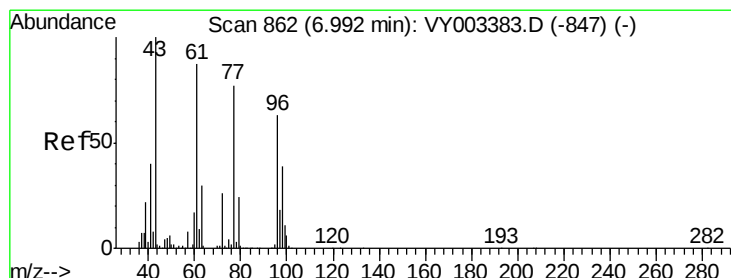
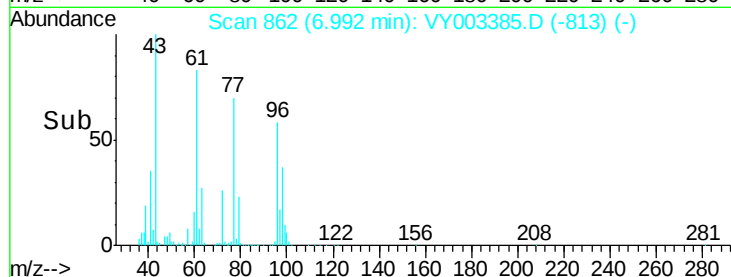
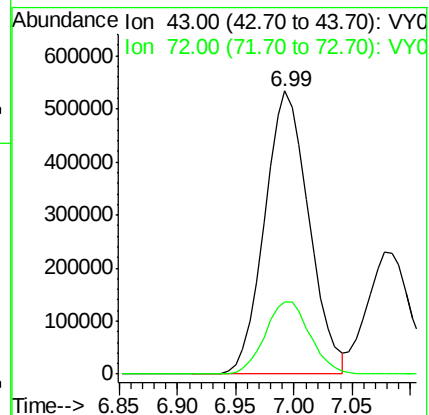
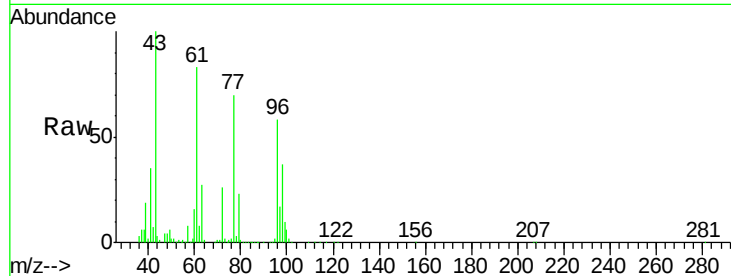
72 25.6 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 156.255 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003385.D

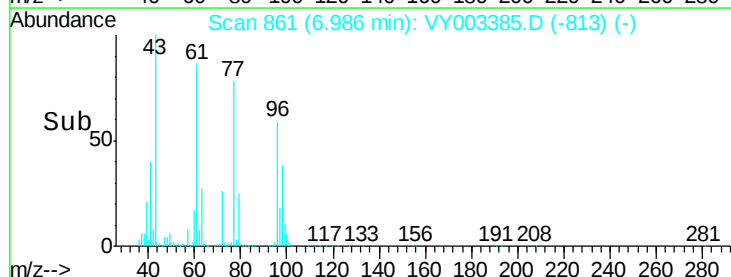
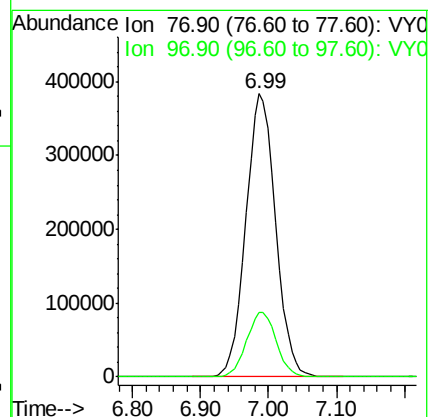
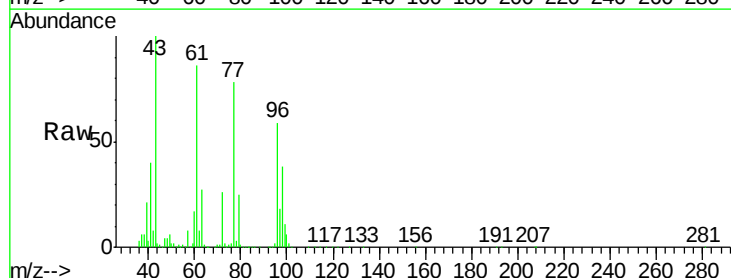
Acq: 31 Jul 2020 12:53

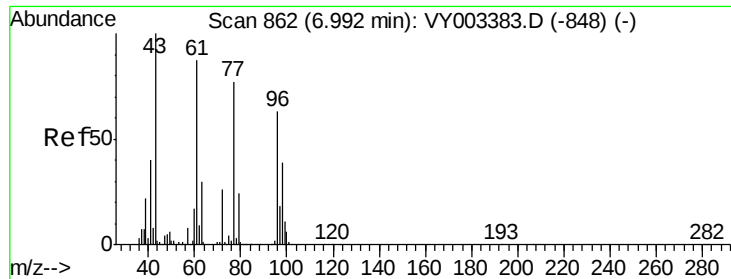
Tgt Ion: 77 Resp: 1166583

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.8





#27

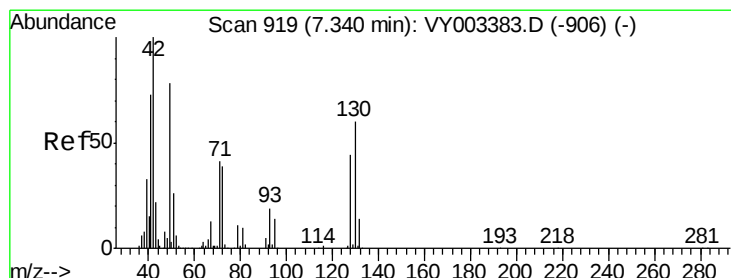
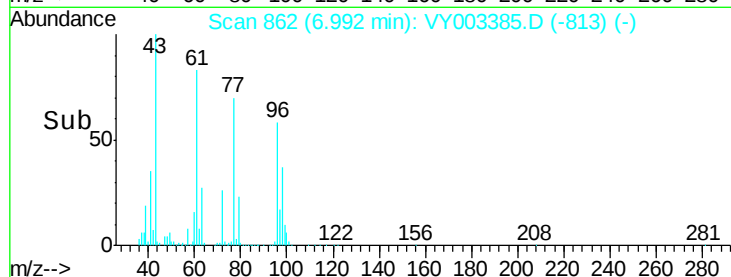
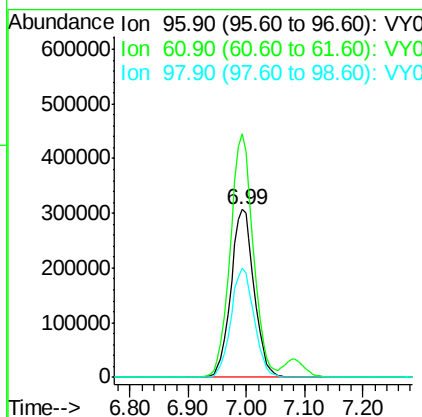
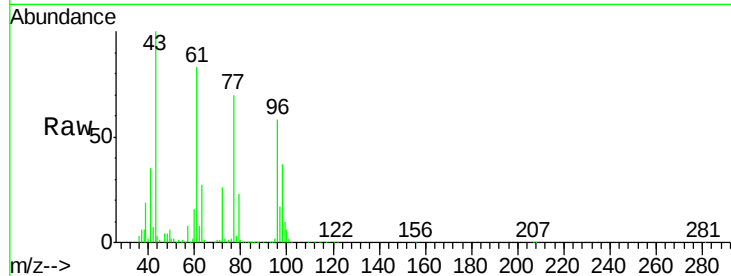
cis-1,2-Dichloroethene
Concen: 157.660 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.1	0.0	290.0	
98	64.9	0.0	129.0	

Manual Integrations
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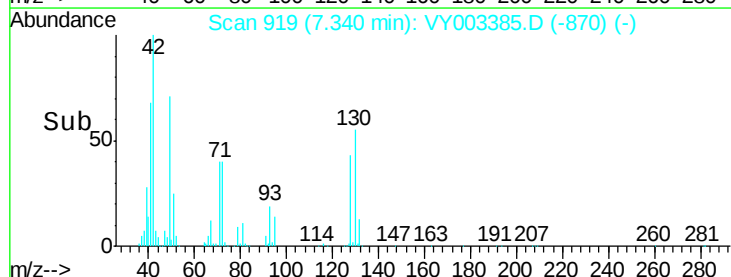
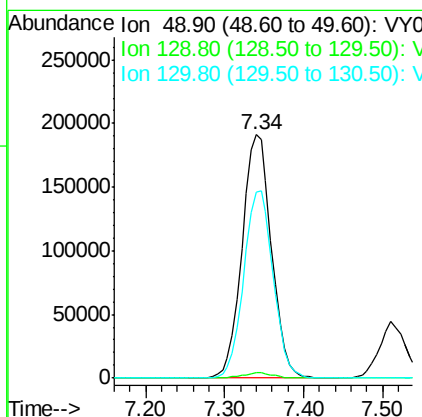
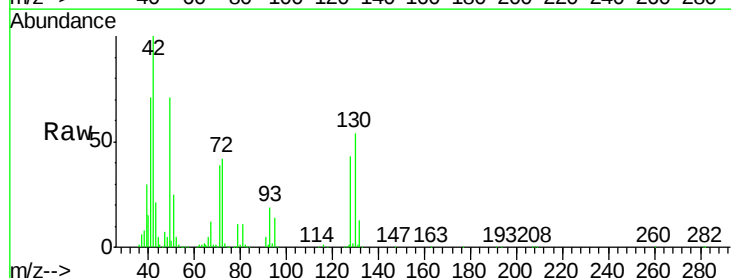
MMDadoda
8/3/2020 12:37:31 PM

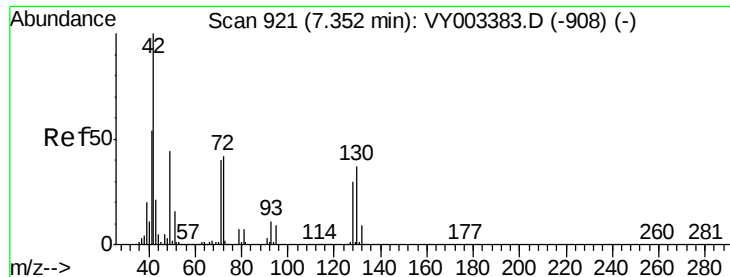


#28

Bromochloromethane
Concen: 141.868 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.4	
130	77.1	60.3	90.5	





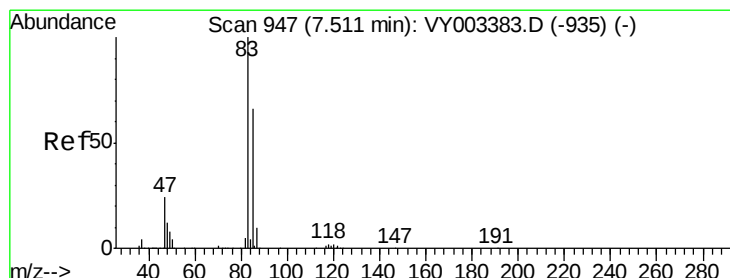
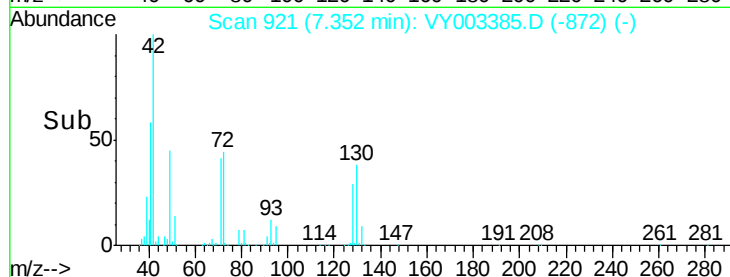
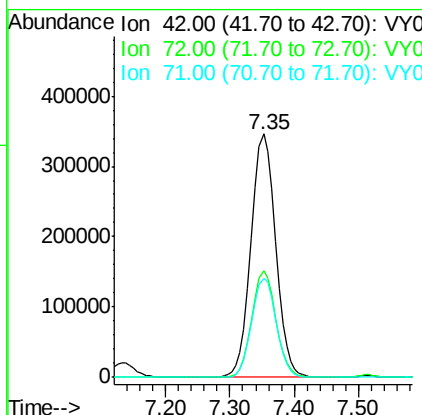
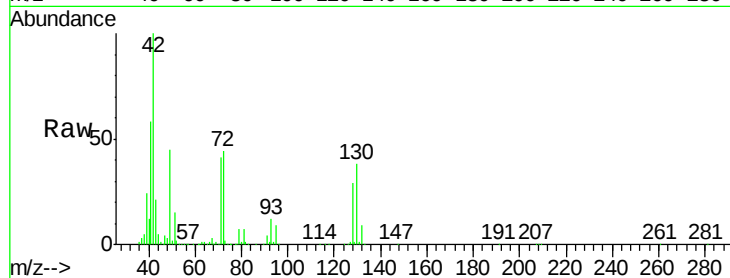
#29
Tetrahydrofuran
Concen: 834.374 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	33.5	50.3
71	40.6	32.1	48.1

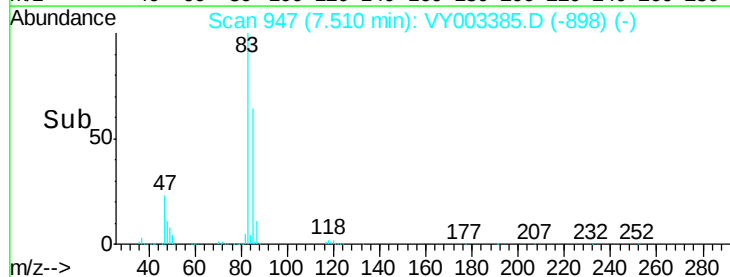
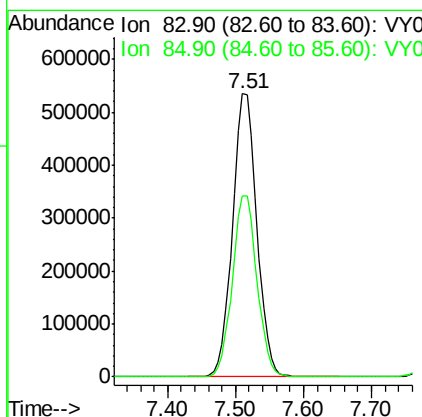
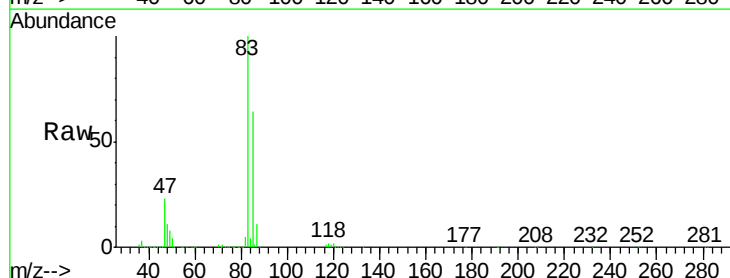
Manual Integrations
APPROVED

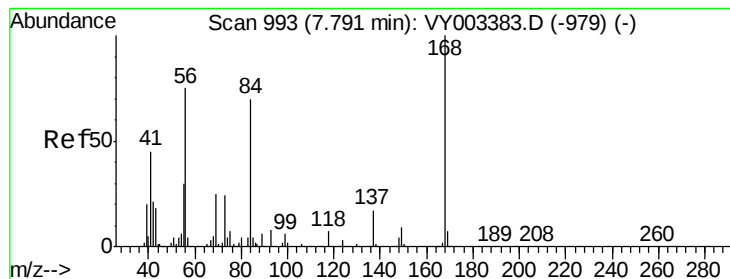
MMDadoda
8/3/2020 12:37:31 PM



#30
Chloroform
Concen: 155.765 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.5	78.7





#31

Cyclohexane

Concen: 151.092 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 1210663

Ion Ratio Lower Upper

56 100

69 31.1 26.1 39.1

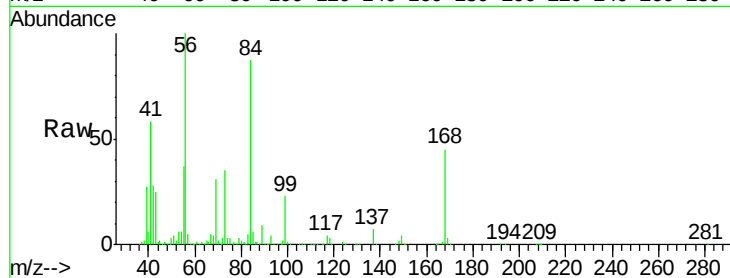
84 86.5 73.9 110.9

Manual Integrations

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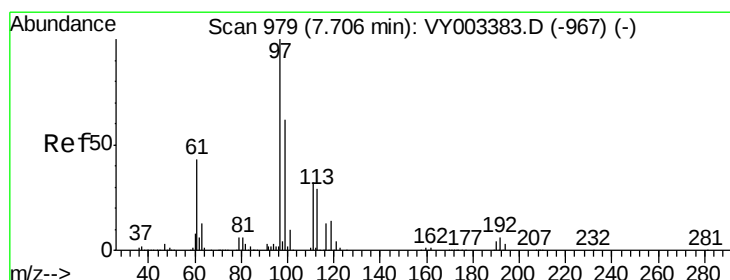
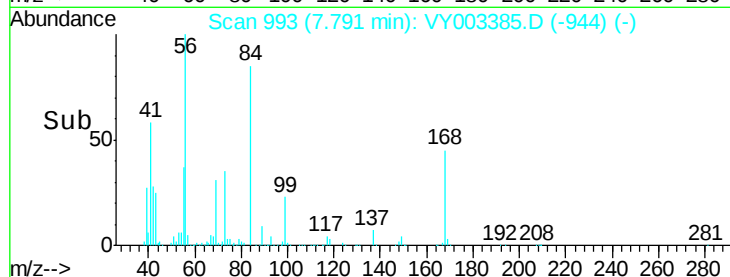
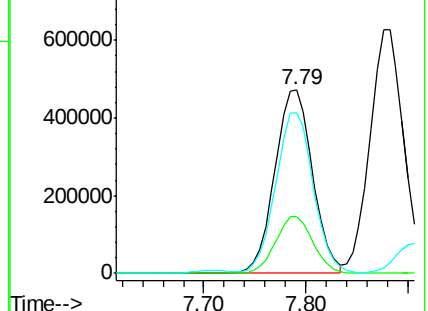
8/3/2020 12:37:31 PM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 157.362 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

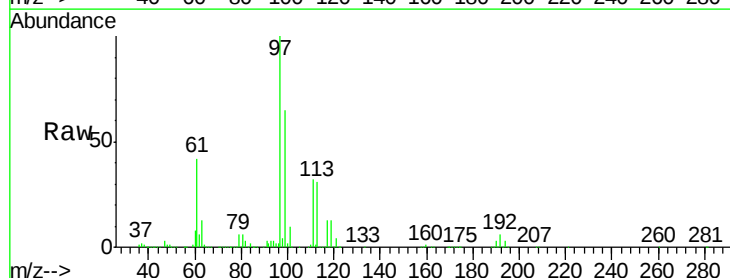
Tgt Ion: 97 Resp: 1208678

Ion Ratio Lower Upper

97 100

99 64.4 50.9 76.3

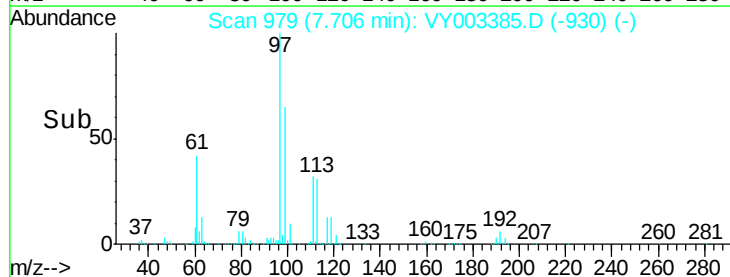
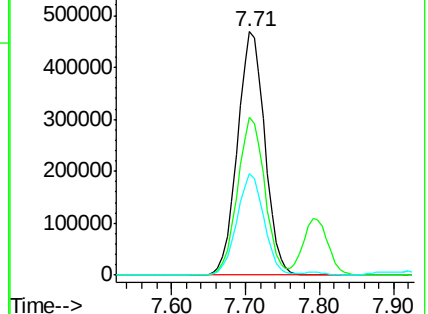
61 41.3 33.7 50.5

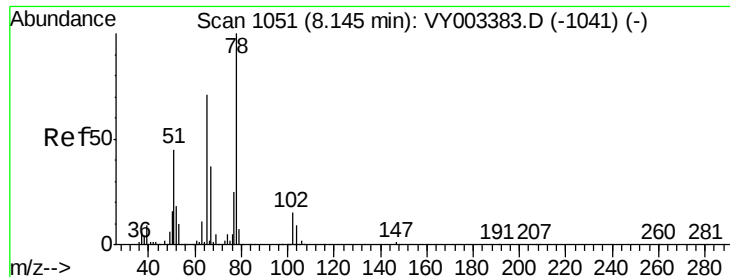


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





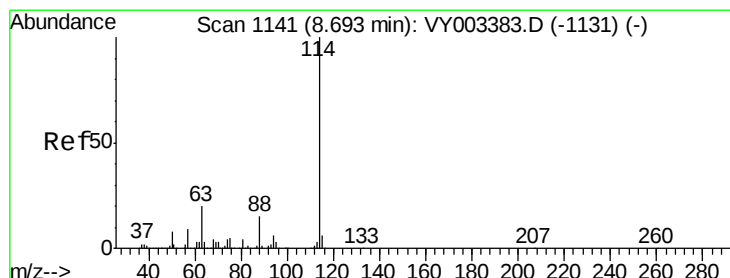
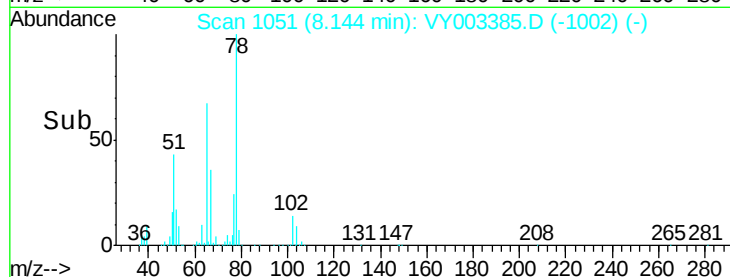
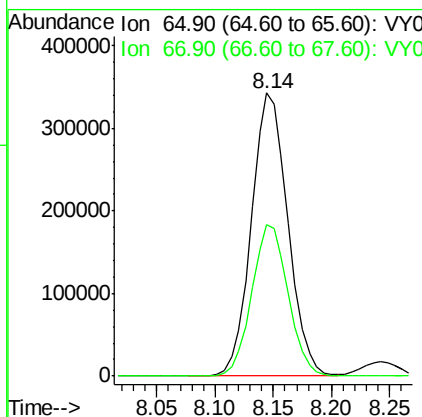
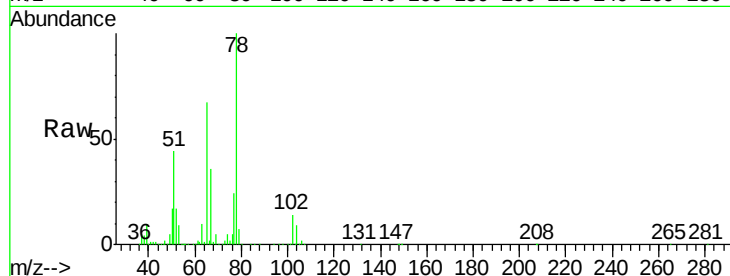
#33
 1,2-Dichloroethane-d4
 Concen: 166.923 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	747316		
67	53.3	0.0	106.6	

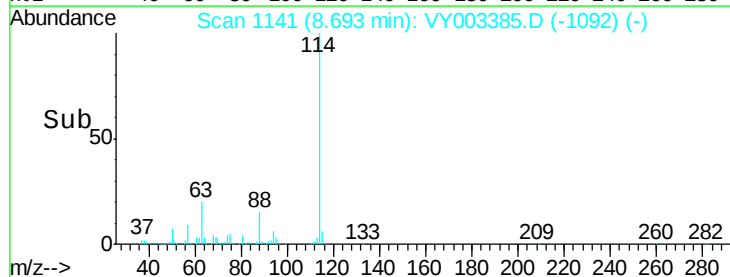
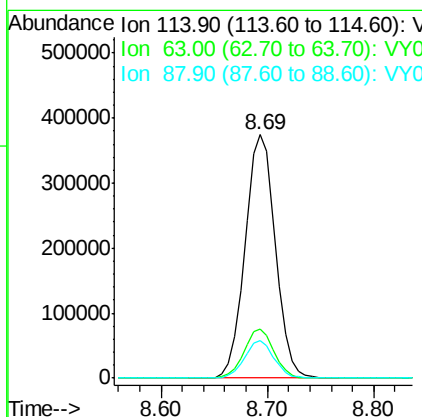
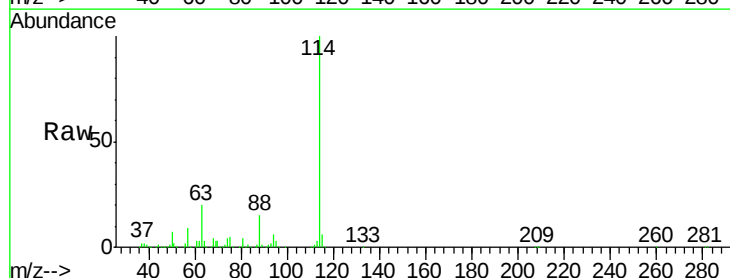
Manual Integrations
 APPROVED

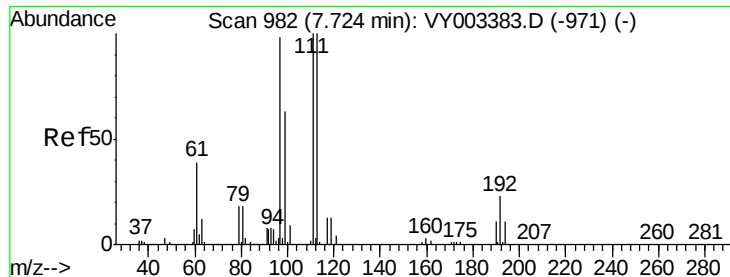
MMDadoda
 8/3/2020 12:37:31 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	745349		
63	20.1	0.0	40.6	
88	15.4	0.0	29.2	





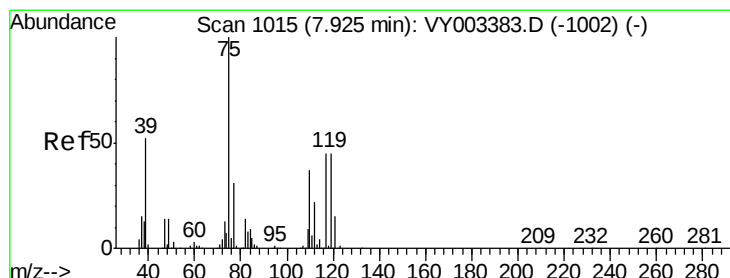
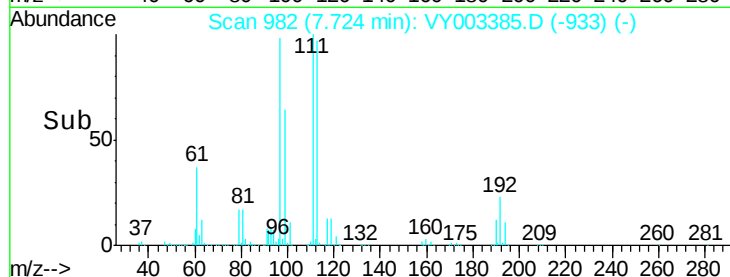
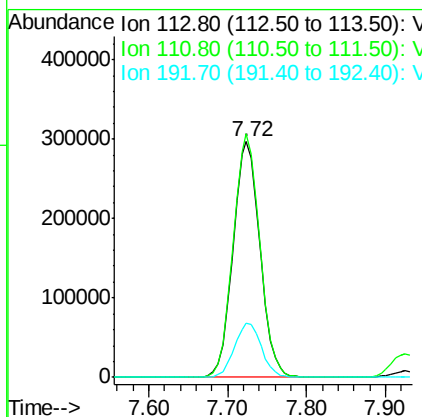
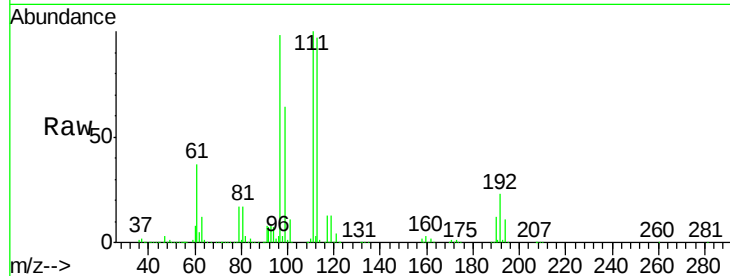
#35
 Dibromofluoromethane
 Concen: 159.979 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.4
192	23.0	18.8	28.2

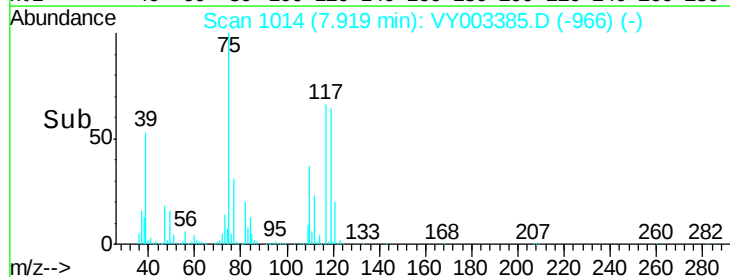
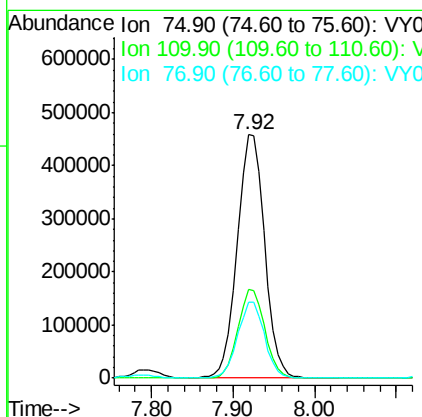
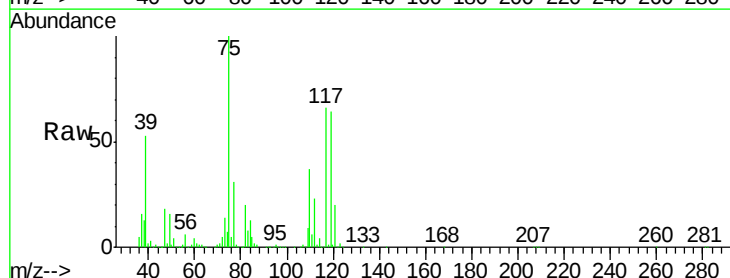
Manual Integrations
 APPROVED

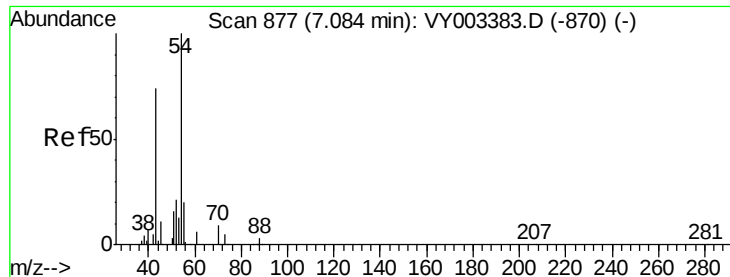
MMDadoda
 8/3/2020 12:37:31 PM



#36
 1,1-Dichloropropene
 Concen: 154.454 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.8	53.5
77	31.0	24.6	36.8





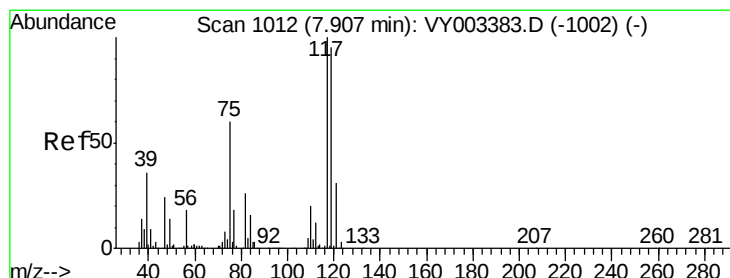
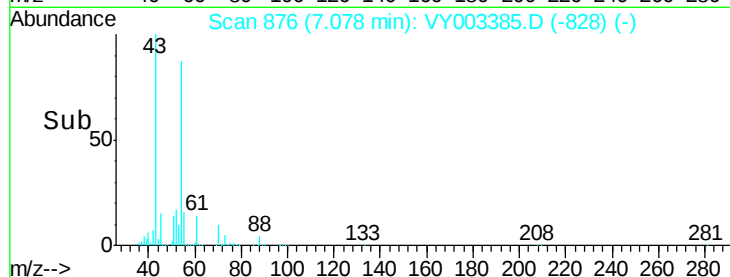
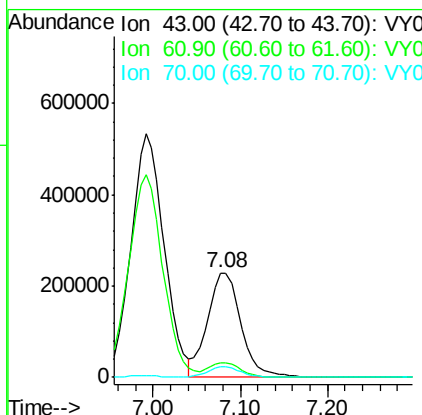
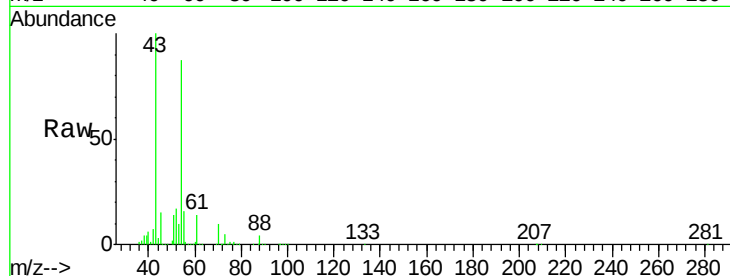
#37
Ethyl Acetate
Concen: 164.181 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.2	16.8
70	9.8	7.7	11.5

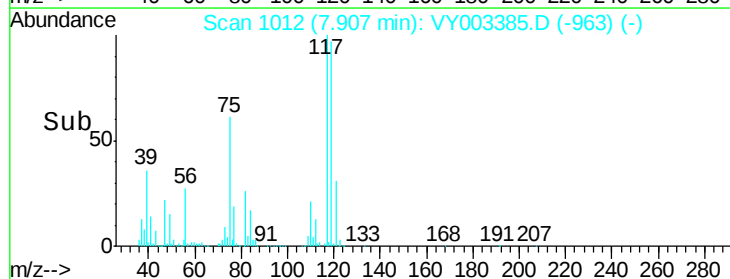
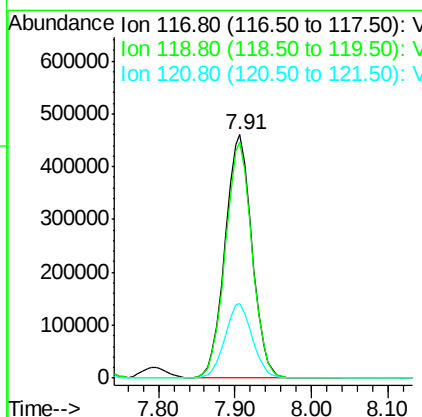
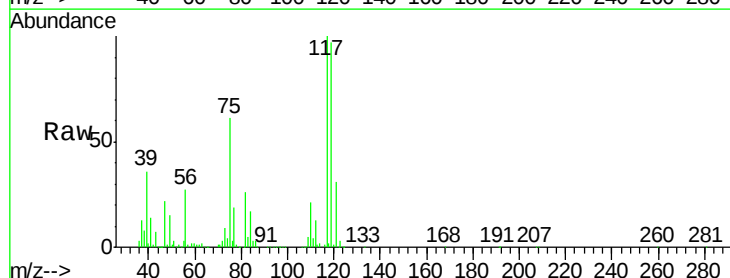
Manual Integrations
APPROVED

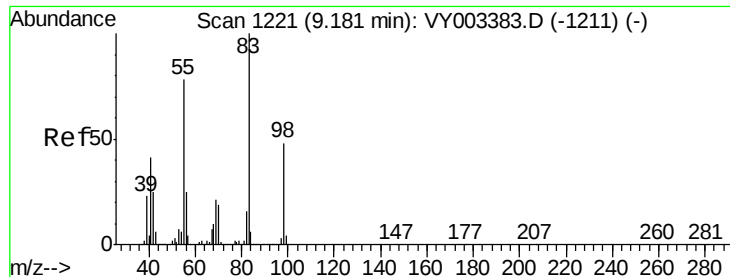
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#38
Carbon Tetrachloride
Concen: 157.132 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.1	114.1
121	30.8	24.5	36.7





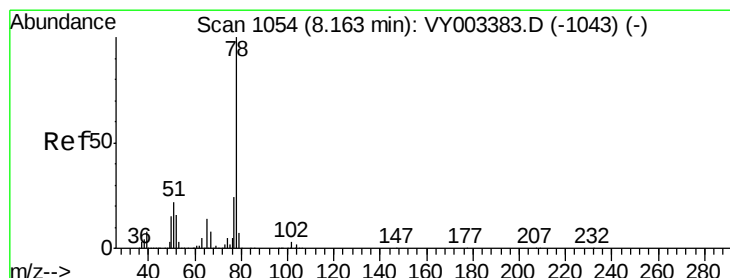
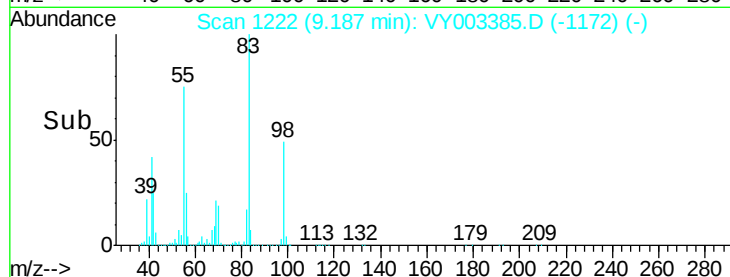
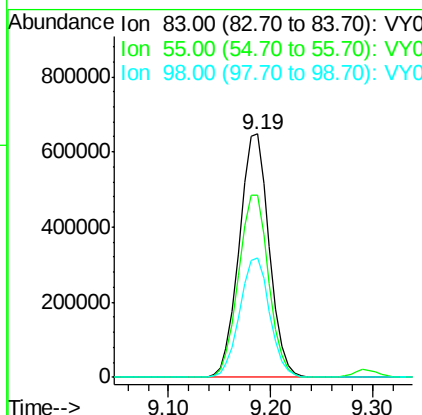
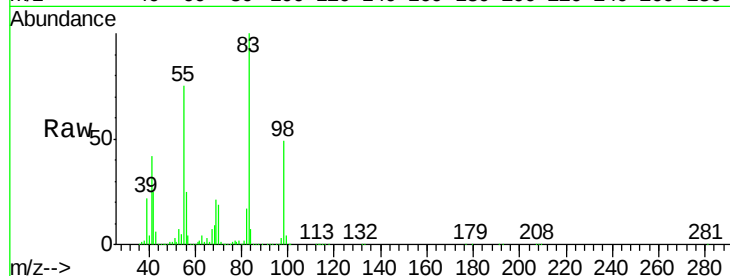
#39
Methvlcvclohexane
Concen: 153.133 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.01 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	62.2	93.4
98	48.9	38.7	58.1

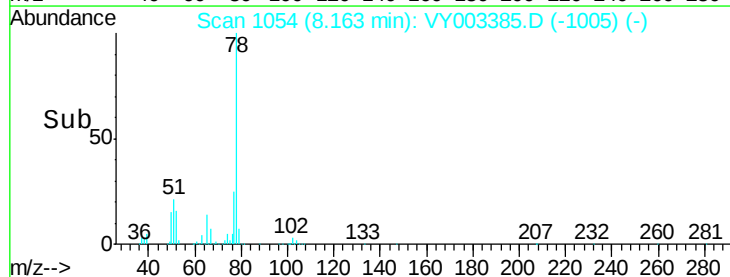
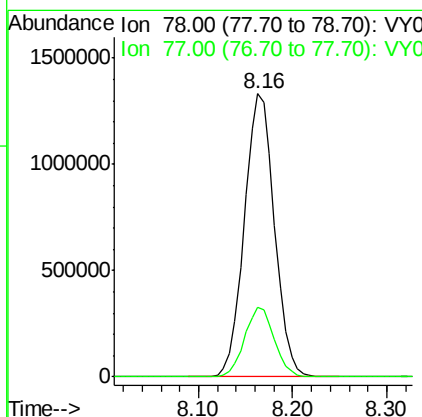
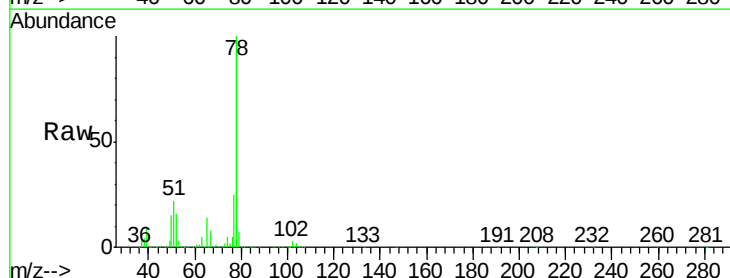
Manual Integrations
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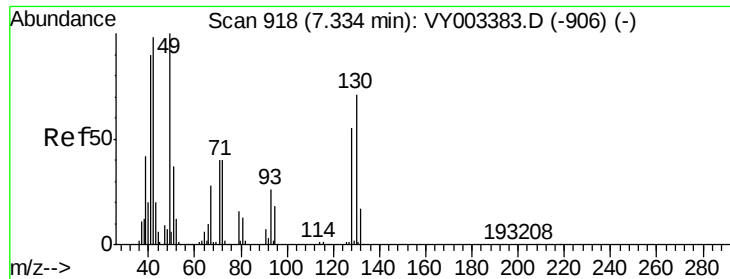
MMDadoda
8/3/2020 12:37:31 PM



#40
Benzene
Concen: 156.948 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.5	29.3





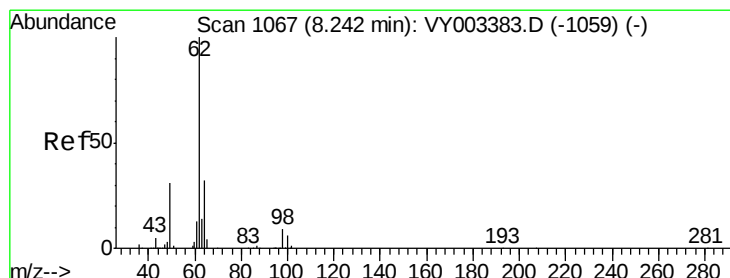
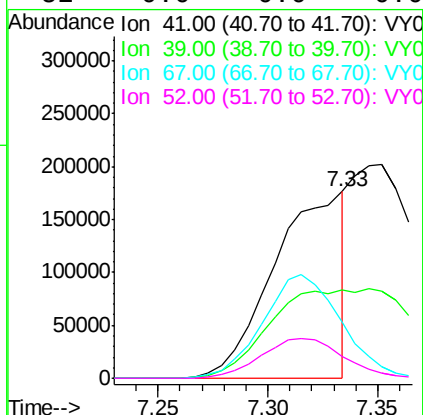
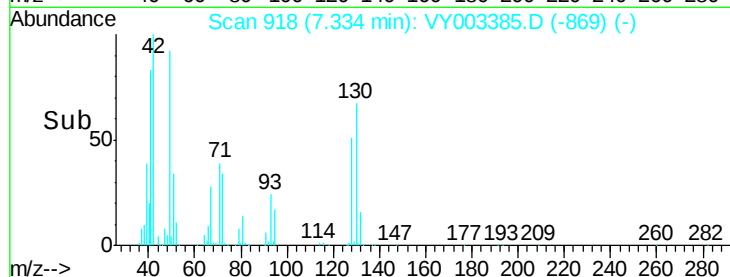
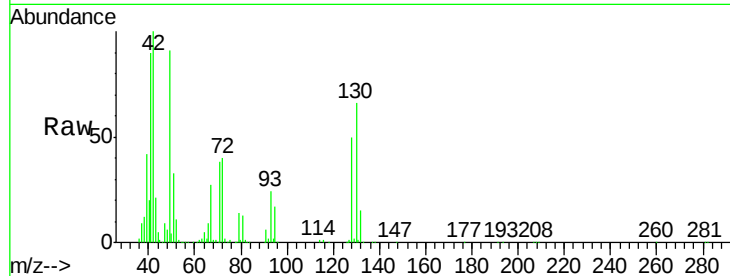
#41
Methacrylonitrile
Concen: 175.783 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	41	Resp	395815
Ion Ratio	Lower	Upper	
41	100		
39	0.0	78.3	117.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

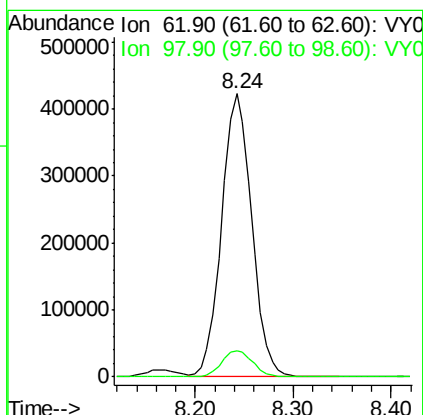
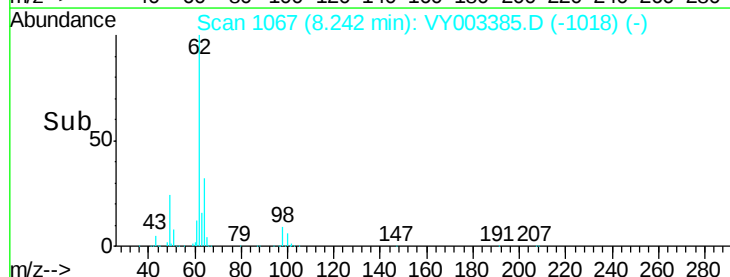
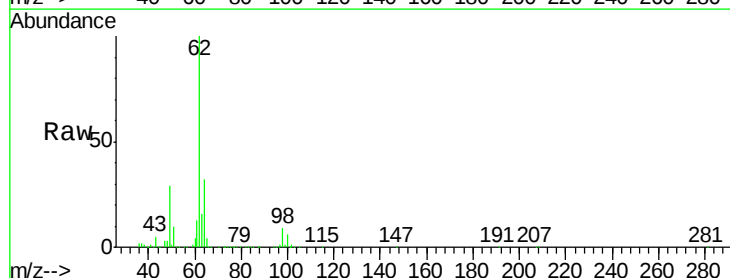
Manual Integrations
APPROVED

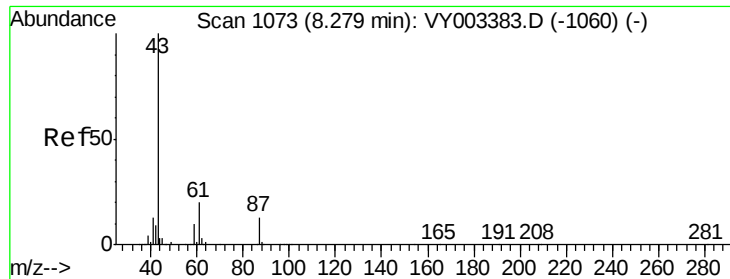
MMDadoda
8/3/2020 12:37:31 PM



#42
1,2-Dichloroethane
Concen: 154.889 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion	62	Resp	901580
Ion Ratio	Lower	Upper	
62	100		
98	9.7	0.0	19.0





#43

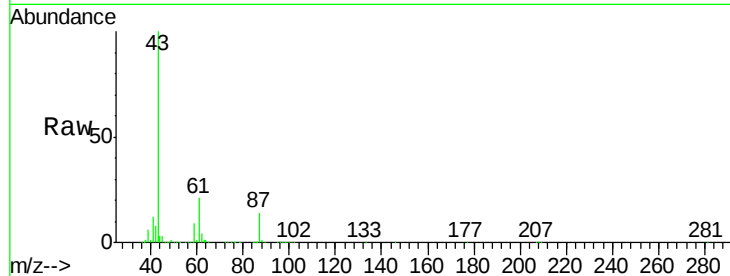
Isopropyl Acetate
 Concen: 163.908 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.6	23.0	34.4
87	13.4	10.5	15.7

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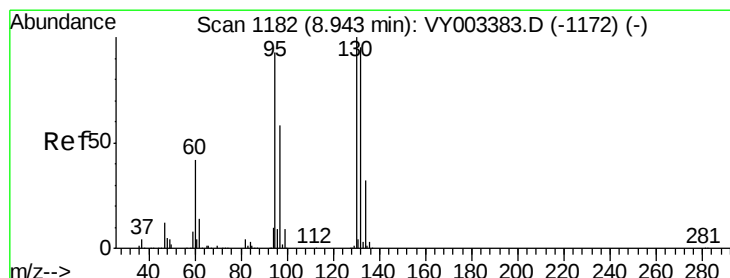
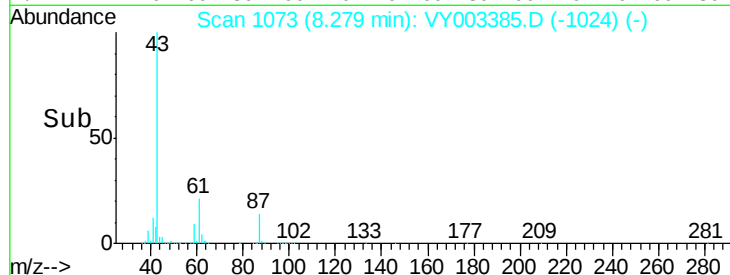


Abundance Ion 43.00 (42.70 to 43.70): VY003383.D (-1060) (-)

8.28

600000
 400000
 200000
 0

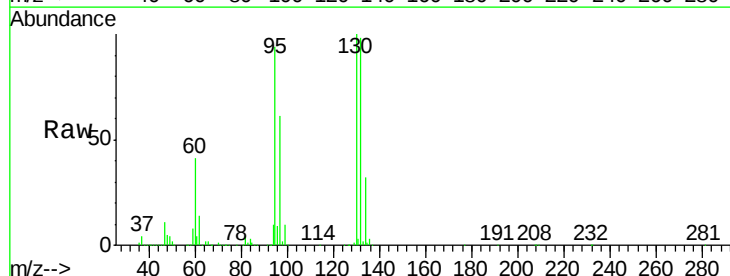
Time-->



#44

Trichloroethene
 Concen: 149.462 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	186.8

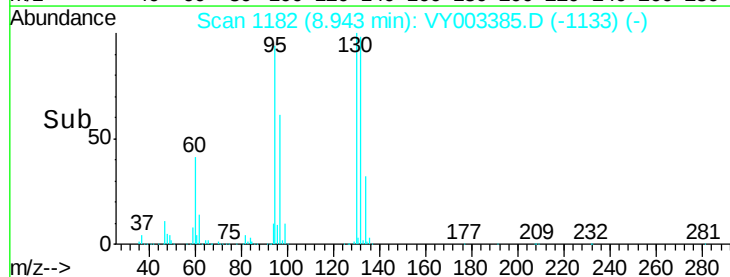


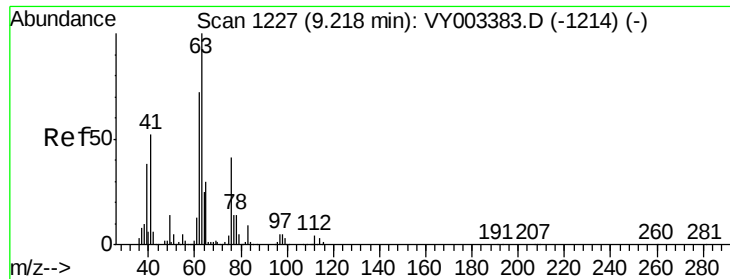
Abundance Ion 129.80 (129.50 to 130.50): VY003383.D (-1172) (-)

8.94

500000
 400000
 300000
 200000
 100000
 0

Time-->





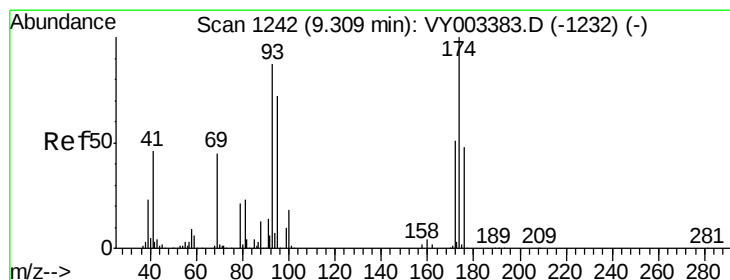
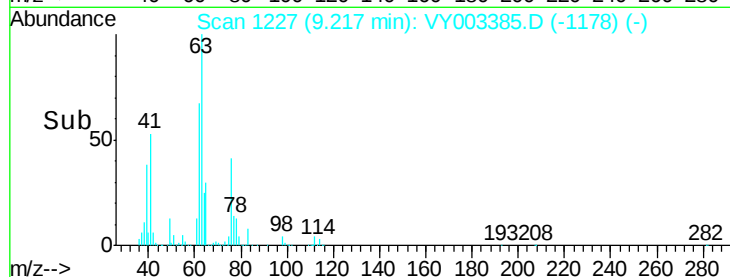
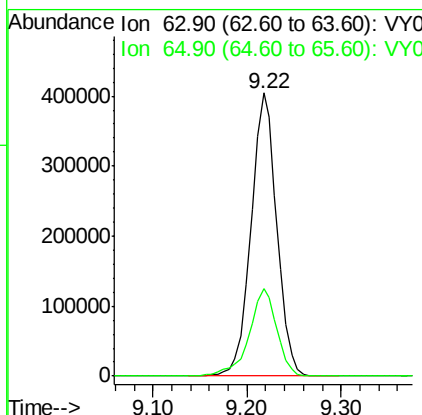
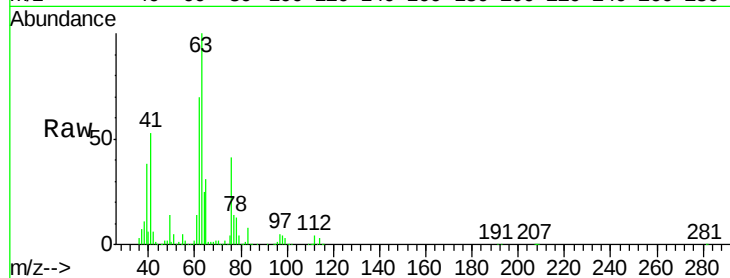
#45
 1,2-Dichloropropane
 Concen: 157.636 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	23.8	35.8

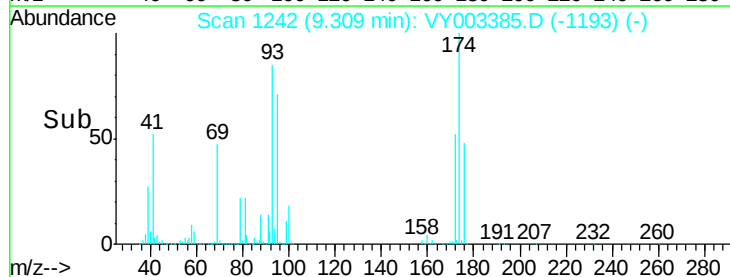
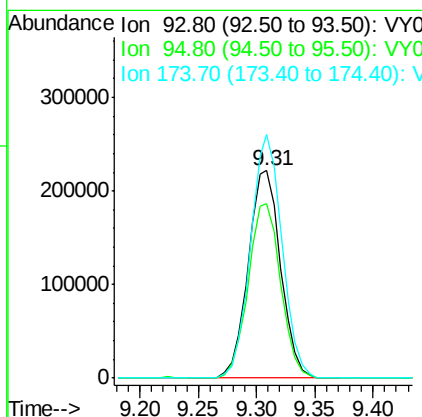
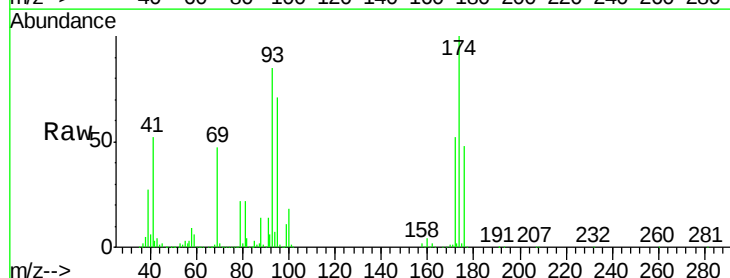
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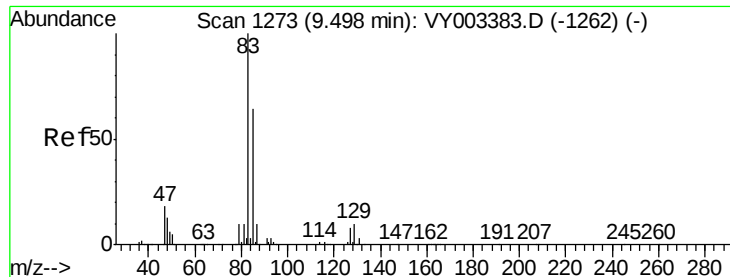
MMDadoda
 8/3/2020 12:37:31 PM



#46
 Dibromomethane
 Concen: 152.083 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	65.4	98.0
174	113.6	88.6	133.0





#47

Bromodichloromethane

Concen: 157.740 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

MSVOA_Y

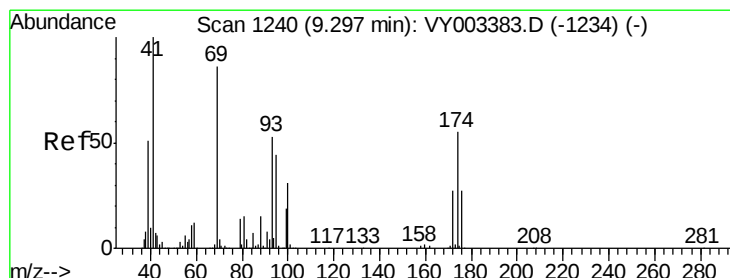
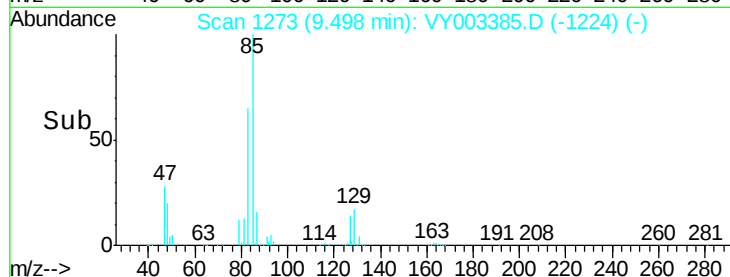
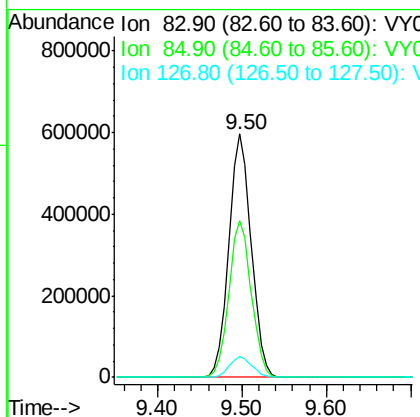
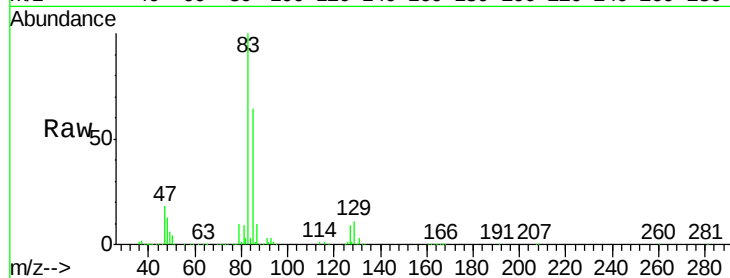
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	1072282
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.6	77.4
127	8.8	6.5	9.7

Manual Integrations
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8/3/2020 12:37:31 PM



#48

Methyl methacrylate

Concen: 169.523 ug/l

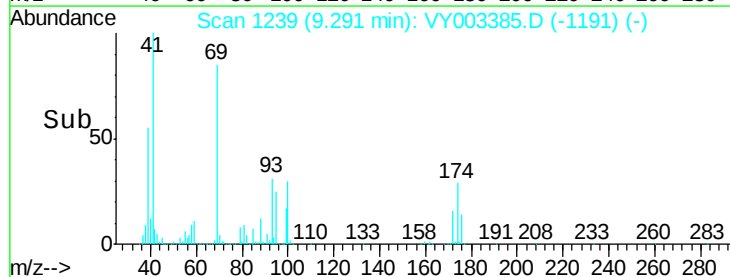
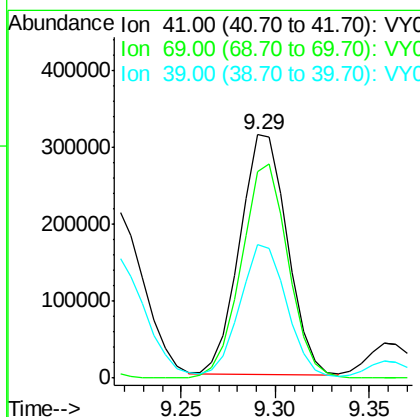
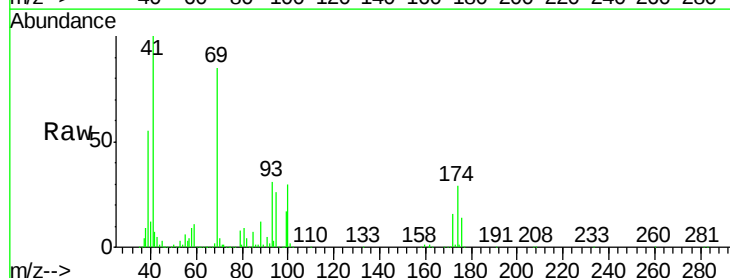
RT: 9.29 min Scan# 1239

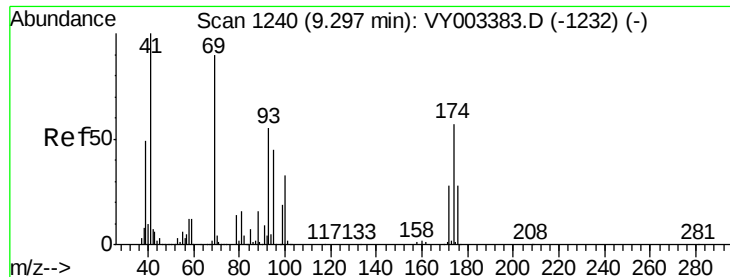
Delta R.T. -0.01 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Tgt Ion:	41	Resp:	544644
Ion	Ratio	Lower	Upper
41	100		
69	88.5	68.9	103.3
39	53.5	43.1	64.7





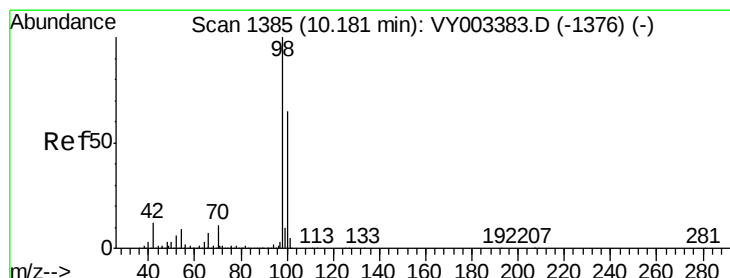
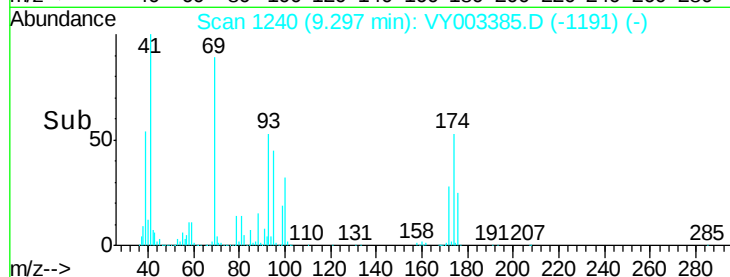
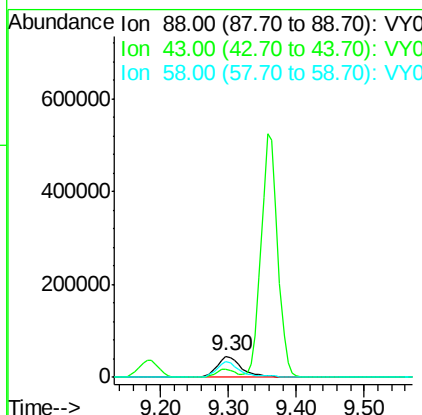
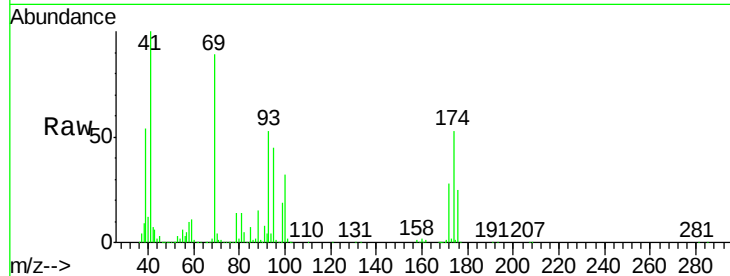
#49
1,4-Dioxane
Concen: 3243.585 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	88	Resp	117095
Ion Ratio	100	Lower	Upper
88	100		
43	30.9	24.9	37.3
58	64.7	54.3	81.5

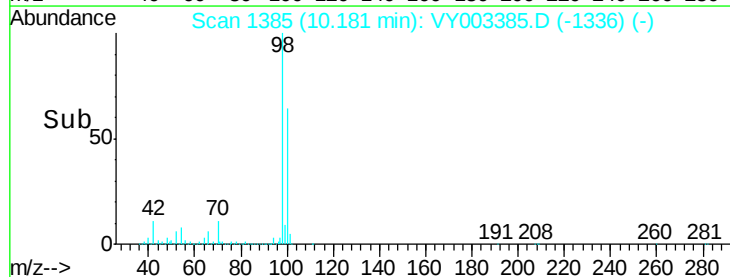
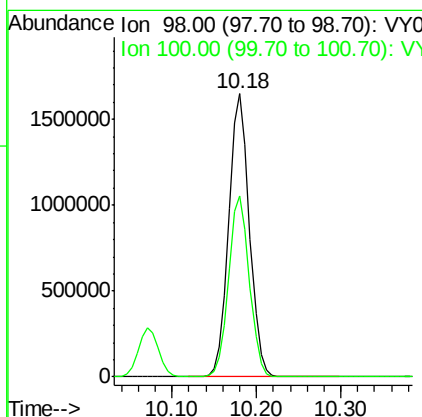
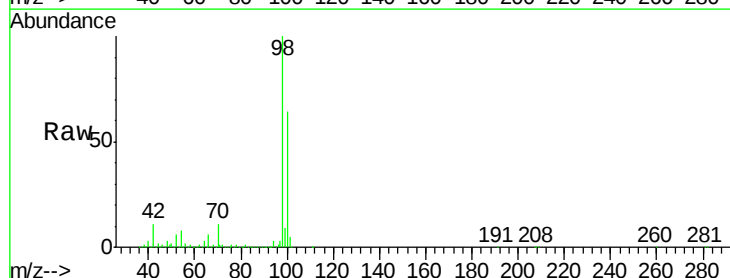
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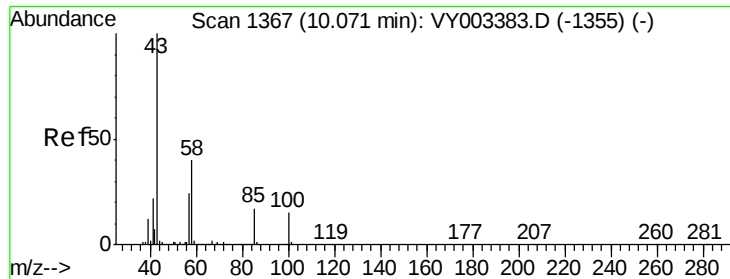
MMDadoda
8/3/2020 12:37:31 PM



#50
Toluene-d8
Concen: 166.795 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion	98	Resp	2756902
Ion Ratio	100	Lower	Upper
98	100		
100	64.2	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 816.285 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3046017

Ion Ratio Lower Upper

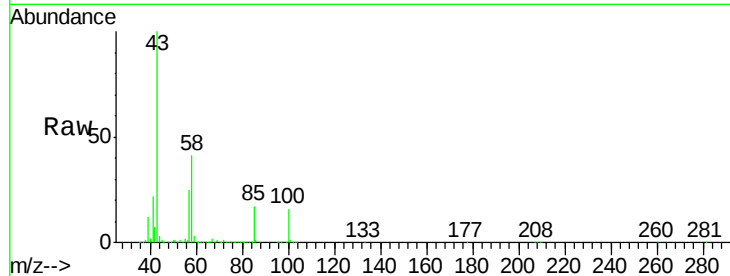
43 100

58 40.0 31.6 47.4

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

2000000

1500000

1000000

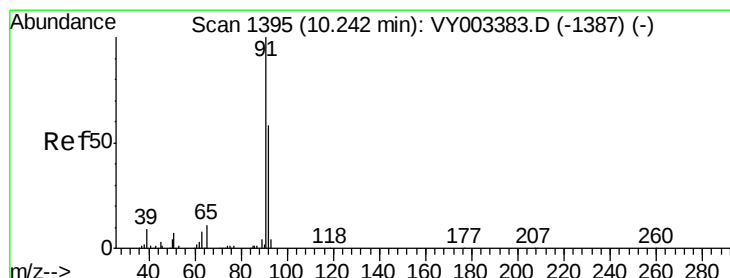
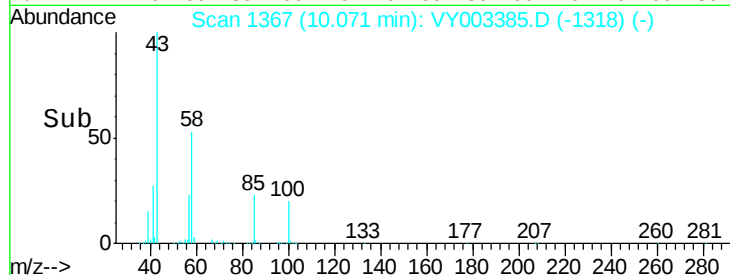
500000

0

10.07

10.00 10.10

Time-->



#52

Toluene

Concen: 156.916 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003385.D

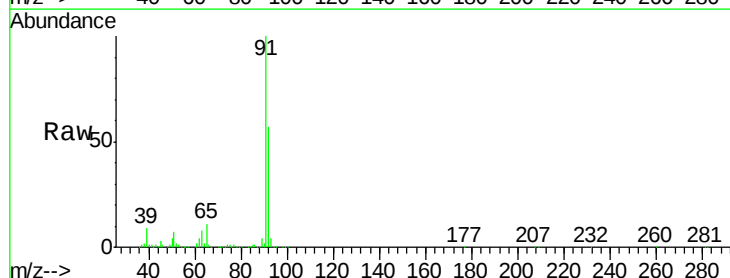
Acq: 31 Jul 2020 12:53

Tgt Ion: 92 Resp: 1898723

Ion Ratio Lower Upper

92 100

91 174.5 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

2000000

1500000

1000000

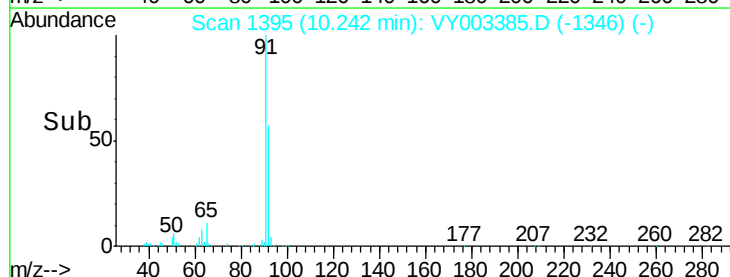
500000

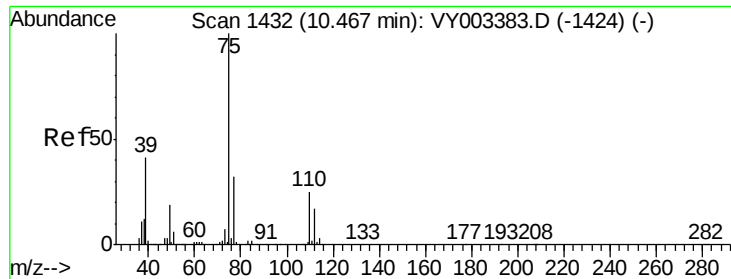
0

10.24

10.10 10.30 10.40

Time-->





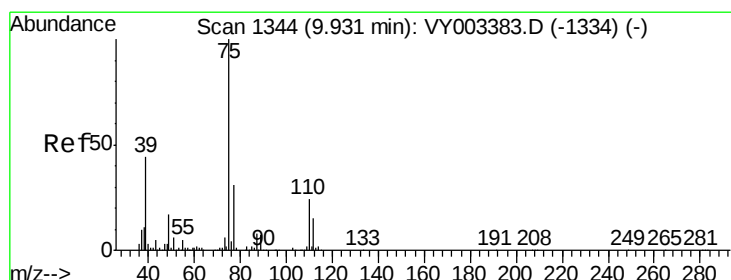
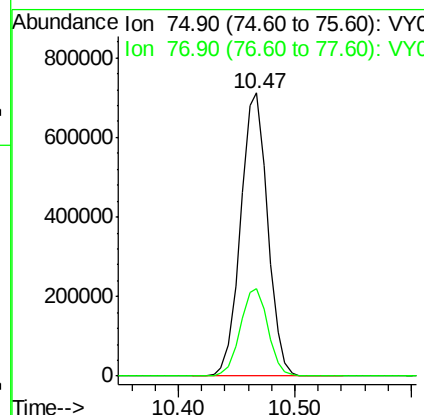
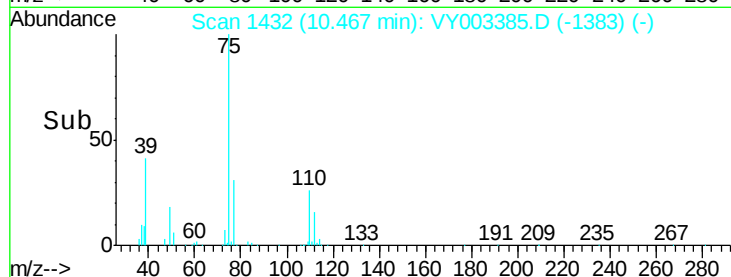
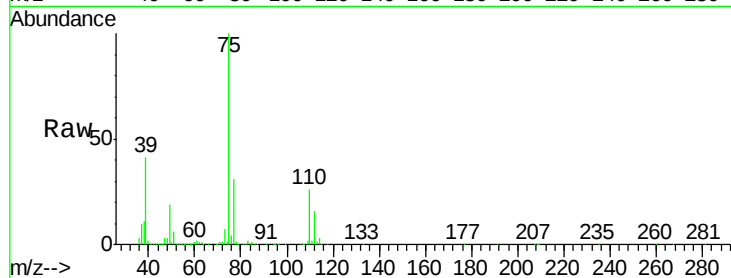
#53
t-1,3-Dichloropropene
Concen: 163.437 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 1152165
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

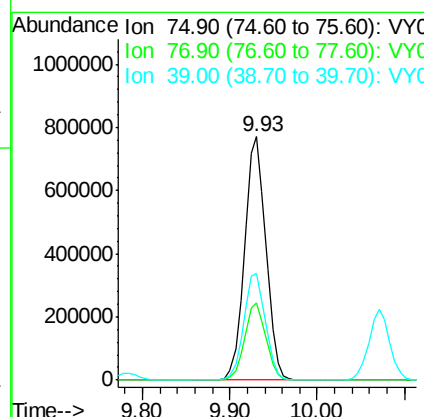
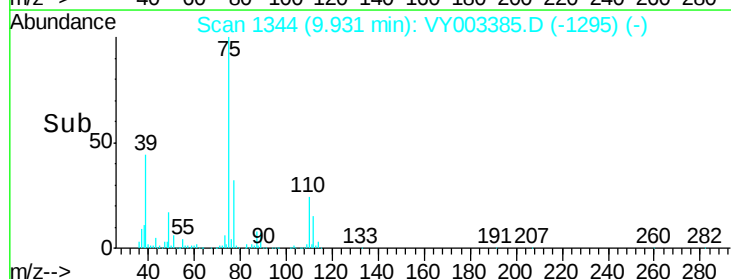
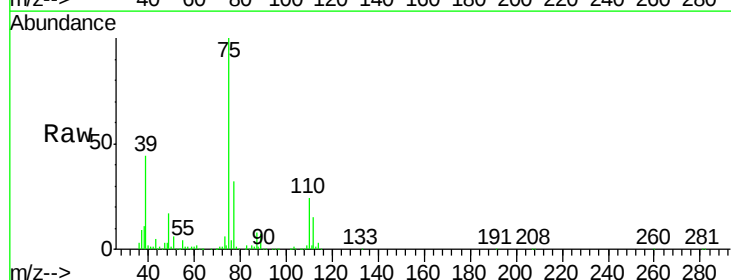
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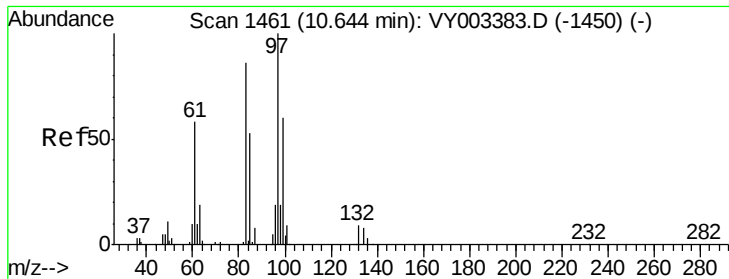
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 159.601 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion: 75 Resp: 1297083
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 44.0 34.8 52.2





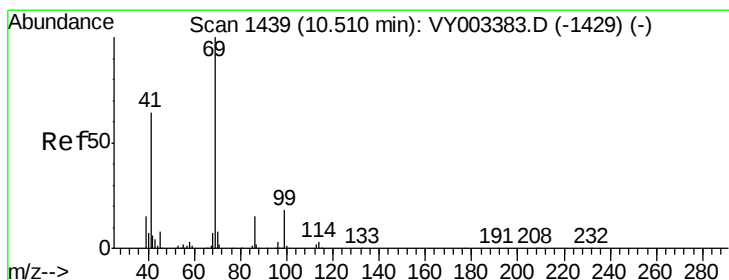
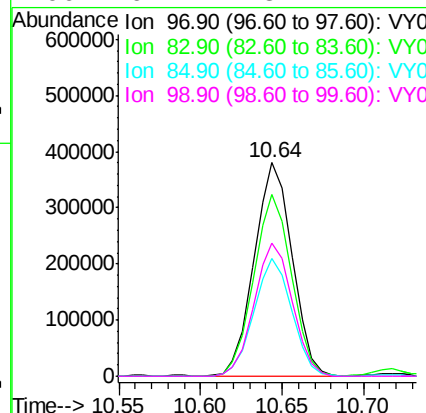
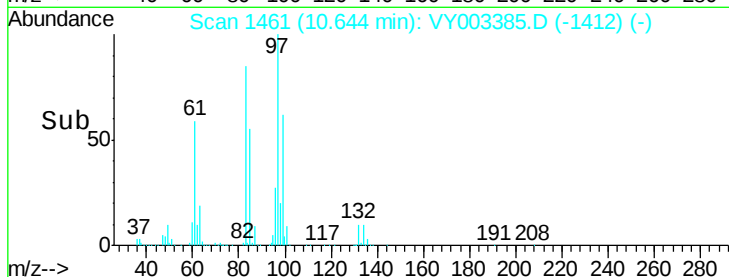
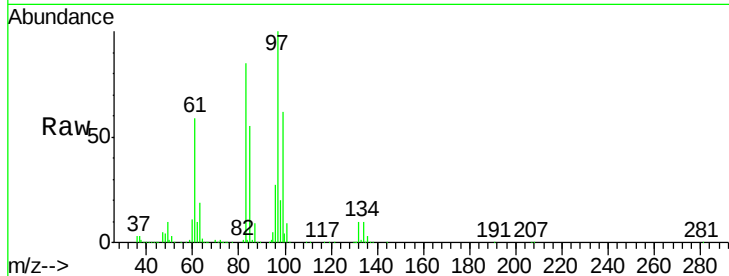
#55
 1,1,2-Trichloroethane
 Concen: 152.862 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	618139
Ion Ratio	Lower	Upper	
97	100		
83	85.4	69.1	103.7
85	55.2	42.5	63.7
99	62.4	48.2	72.4

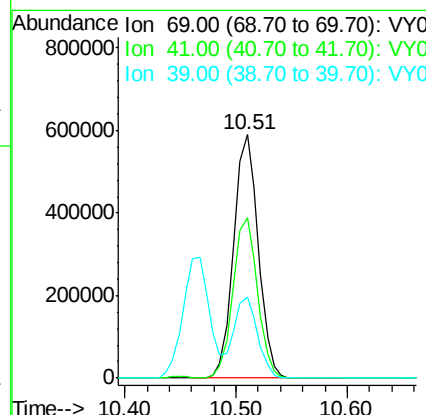
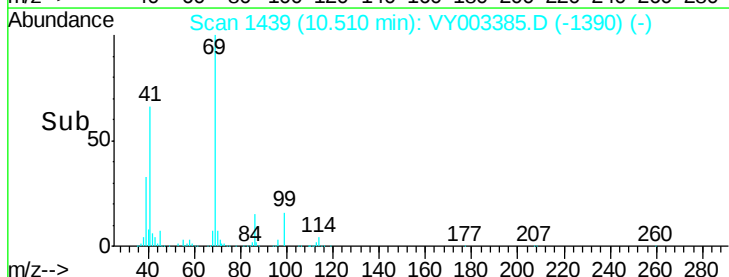
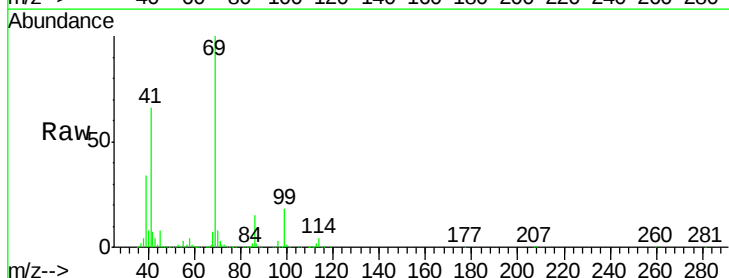
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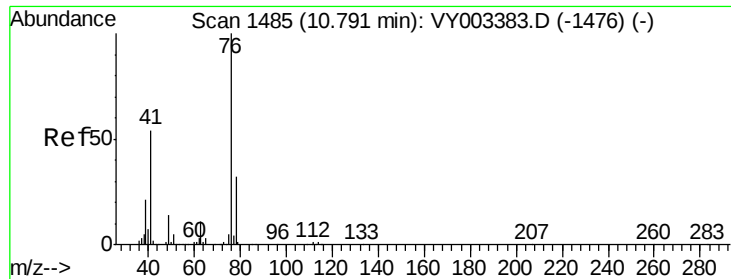
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#56
 Ethyl methacrylate
 Concen: 164.647 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Tgt Ion:	69	Resp:	901809
Ion Ratio	Lower	Upper	
69	100		
41	65.5	52.2	78.4
39	33.2	24.7	37.1





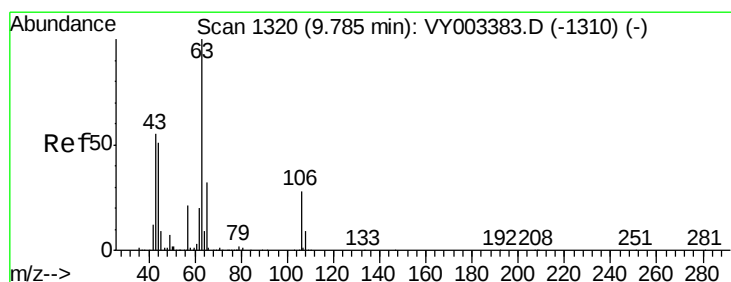
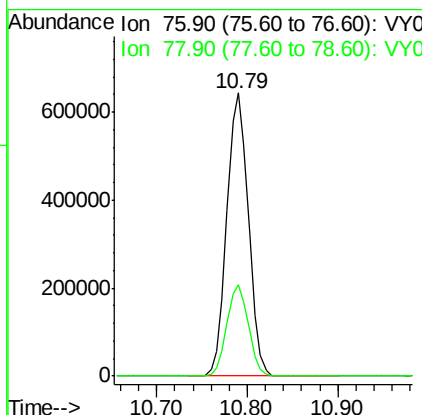
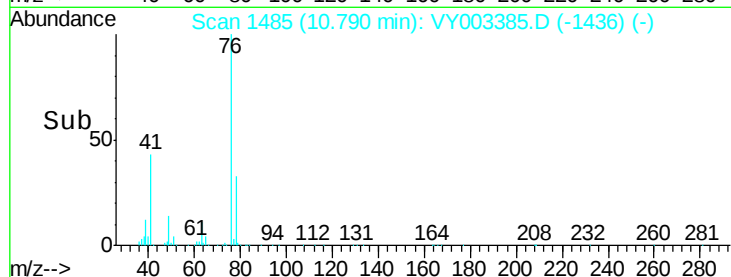
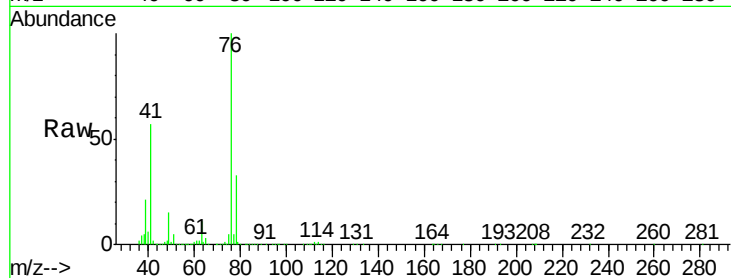
#57
 1,3-Dichloropropane
 Concen: 154.535 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion: 76 Resp: 1059630
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1

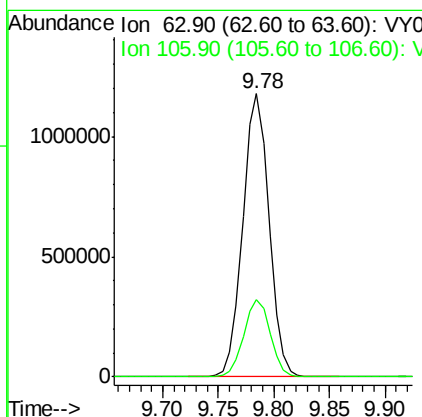
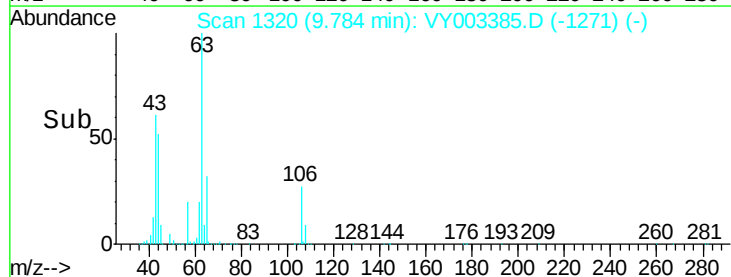
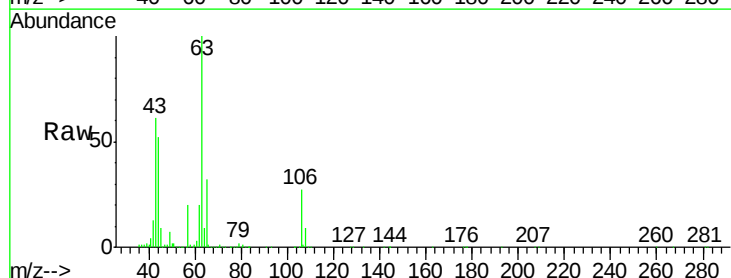
Manual Integrations
 APPROVED

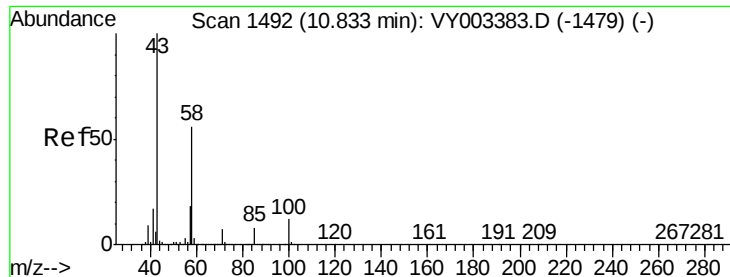
MMDadoda
 8/3/2020 12:37:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 706.916 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Tgt Ion: 63 Resp: 1925321
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.8 32.6





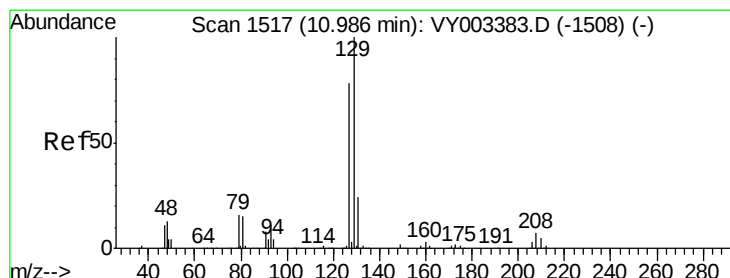
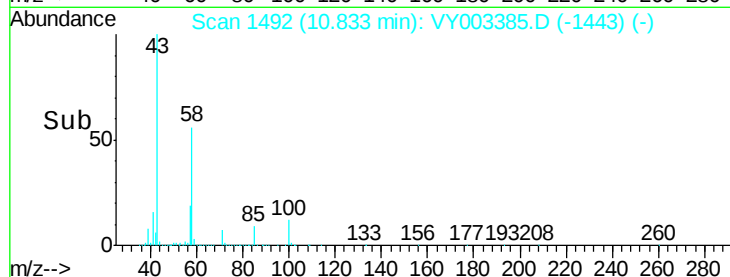
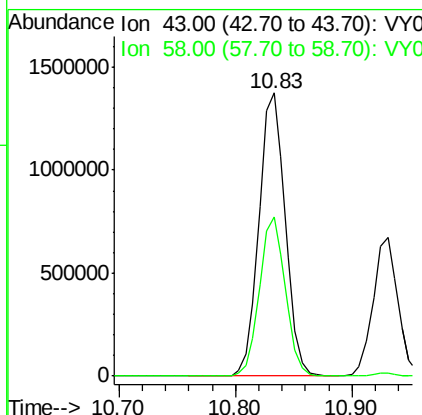
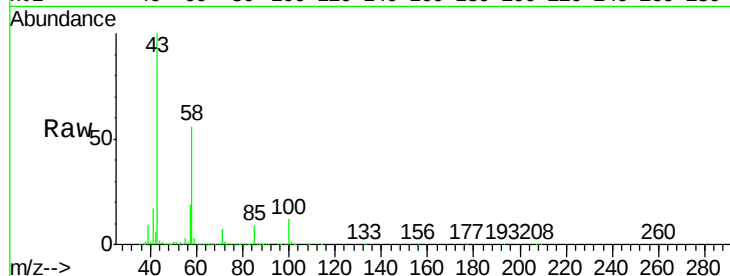
#59
2-Hexanone
Concen: 831.612 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2167380
Ion Ratio Lower Upper
43 100
58 55.2 27.6 82.8

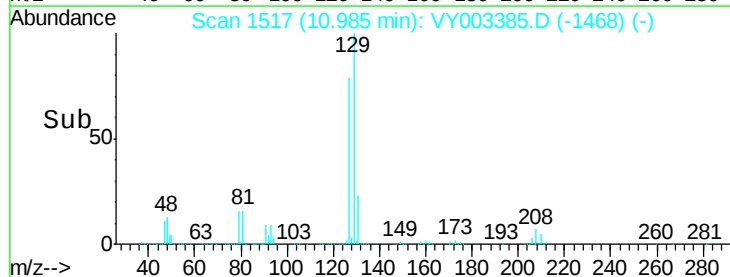
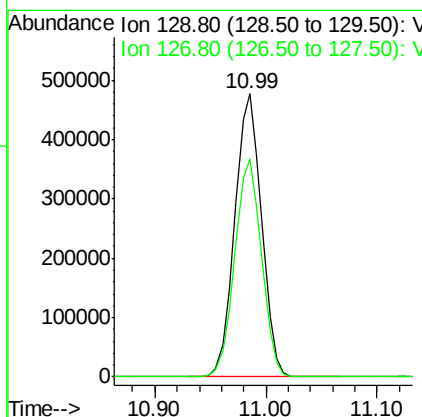
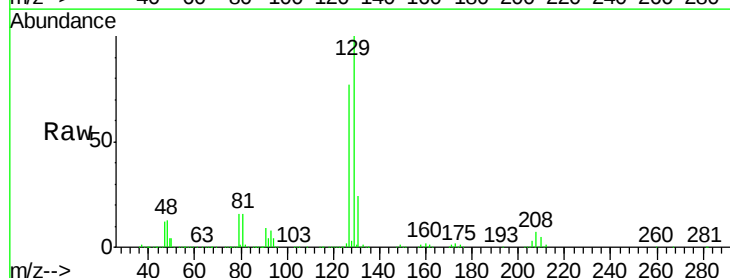
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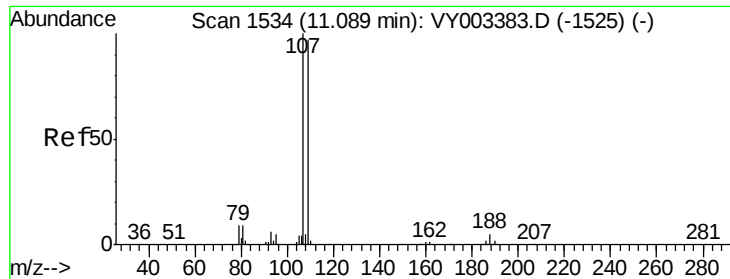
MMDadoda
8/3/2020 12:37:31 PM



#60
Dibromochloromethane
Concen: 156.093 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion: 129 Resp: 791909
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 151.172 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:107 Resp: 599167

Ion Ratio Lower Upper

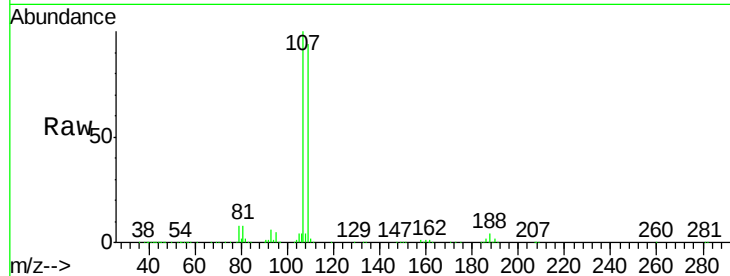
107 100

109 94.4 75.5 113.3

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8/3/2020 12:37:31 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

400000

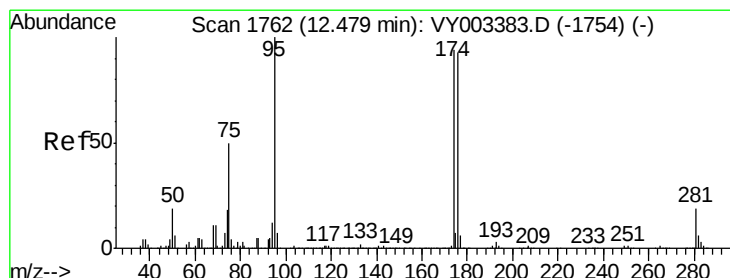
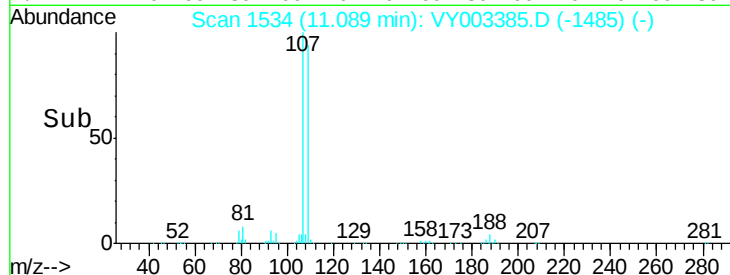
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 157.158 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

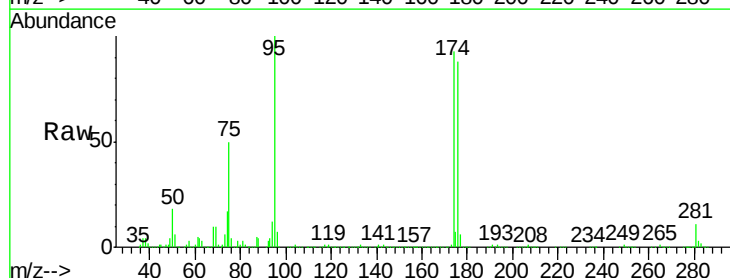
Tgt Ion: 95 Resp: 931550

Ion Ratio Lower Upper

95 100

174 93.6 0.0 190.0

176 91.1 0.0 184.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

800000

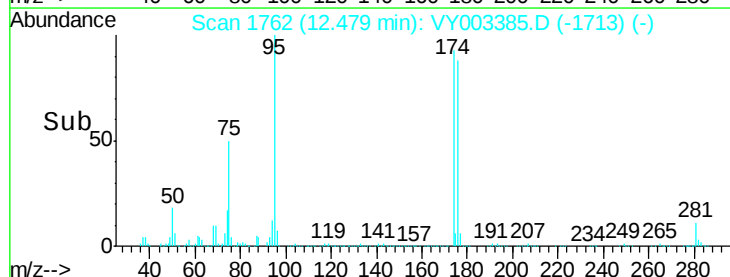
600000

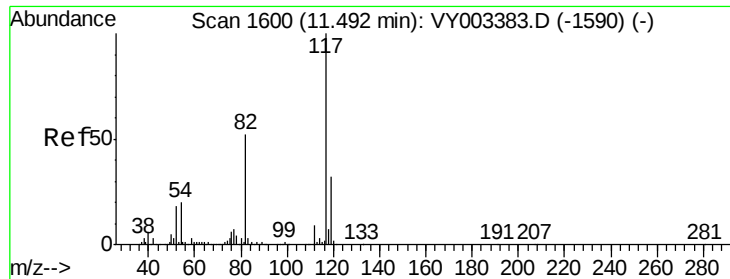
400000

200000

0

Time-->





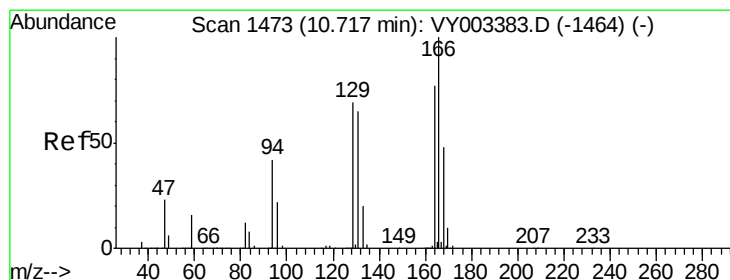
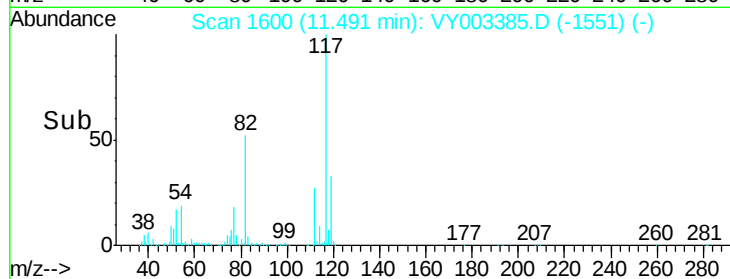
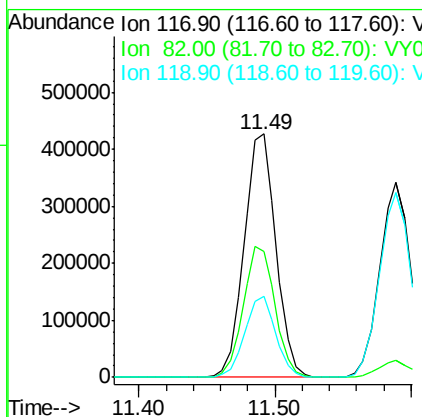
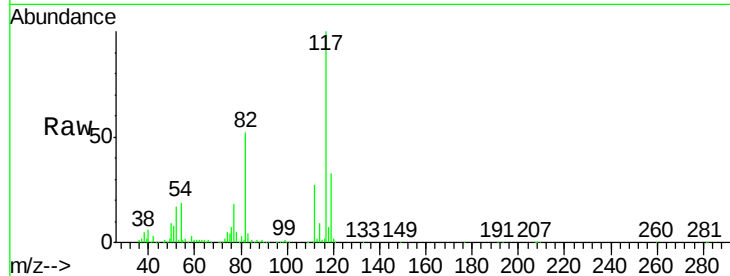
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	695177		
82	51.8	41.9	62.9	
119	33.2	25.4	38.0	

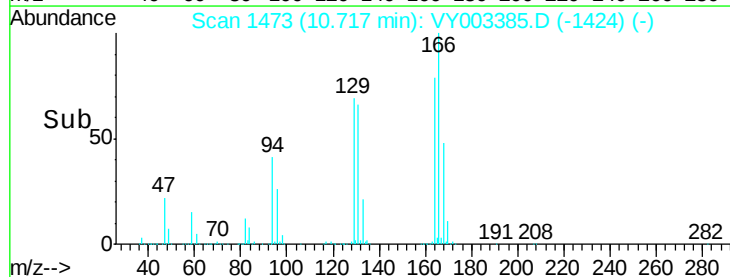
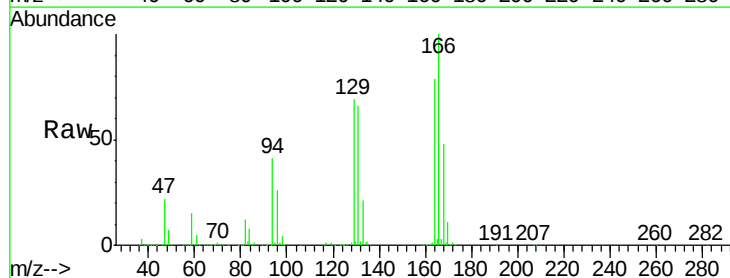
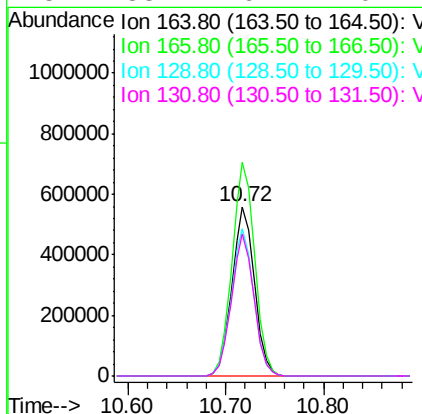
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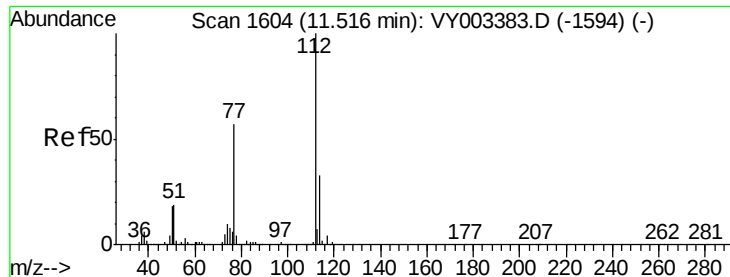
MMDadoda
8/3/2020 12:37:31 PM



#64
Tetrachloroethene
Concen: 142.467 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	884969		
166	126.0	103.3	154.9	
129	87.1	71.2	106.8	
131	83.7	67.4	101.2	





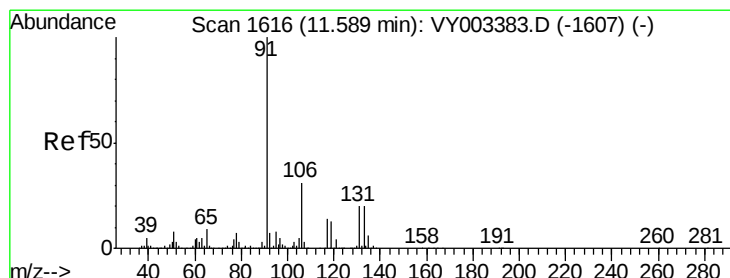
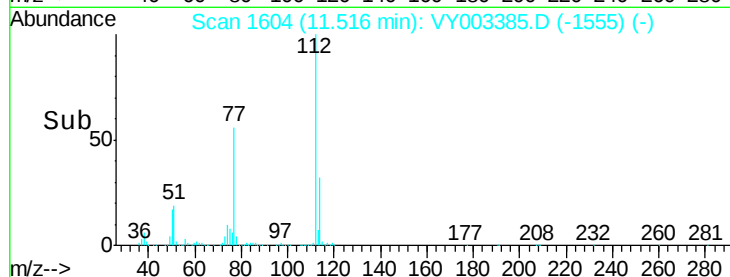
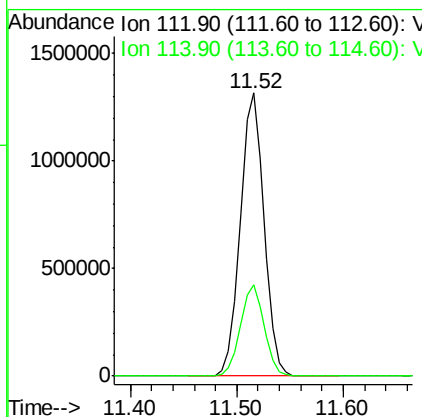
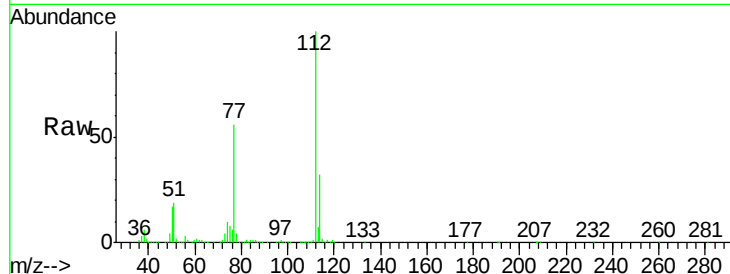
#65
Chlorobenzene
Concen: 151.599 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 2062161
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1

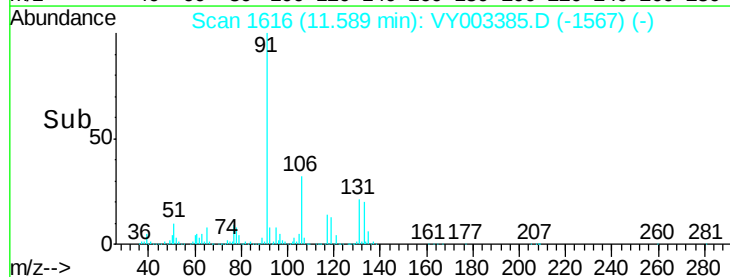
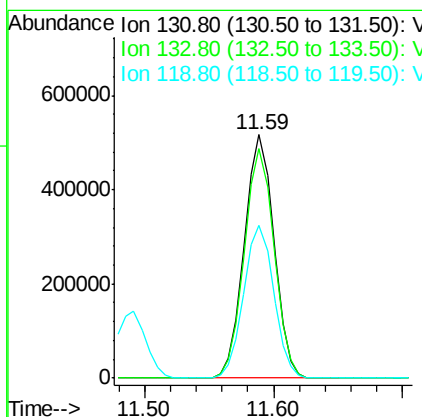
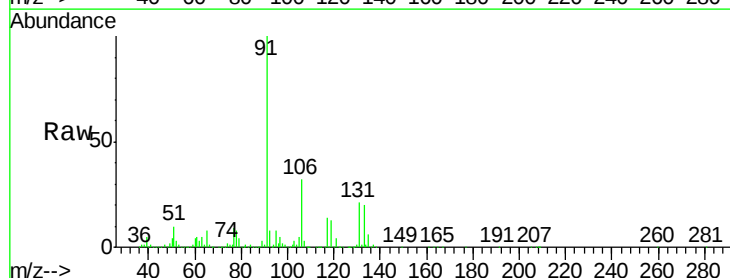
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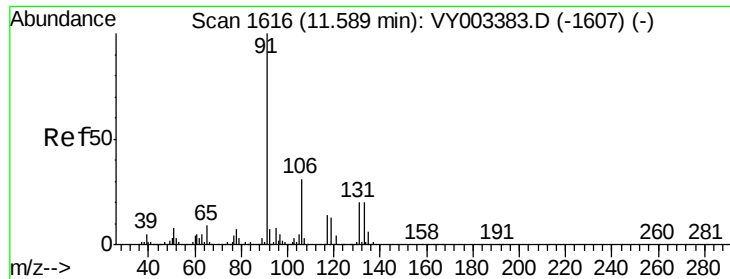
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 155.452 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion:131 Resp: 821915
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.3
119 63.7 32.0 96.2





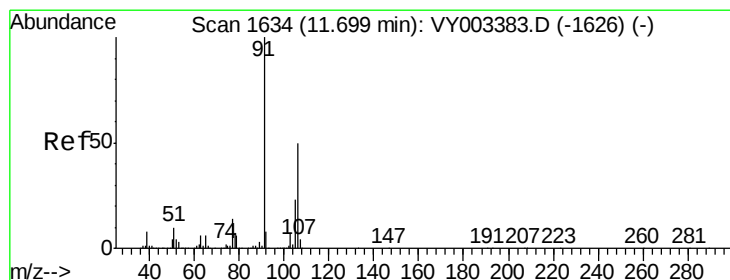
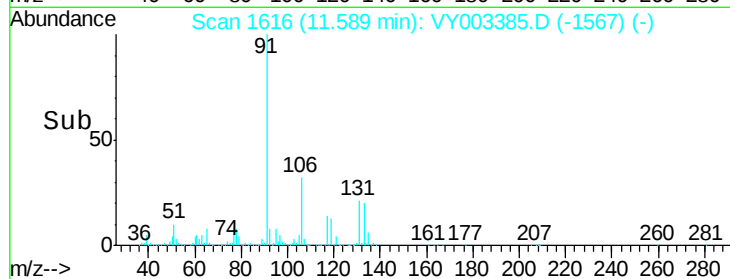
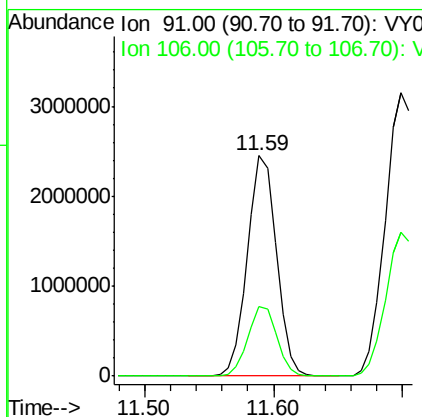
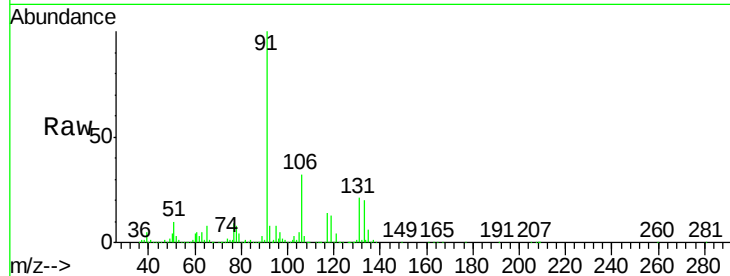
#67
Ethyl Benzene
Concen: 155.905 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 3796849
Ion Ratio Lower Upper
91 100
106 31.6 24.4 36.6

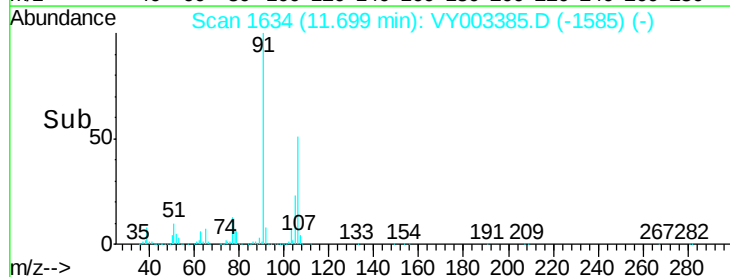
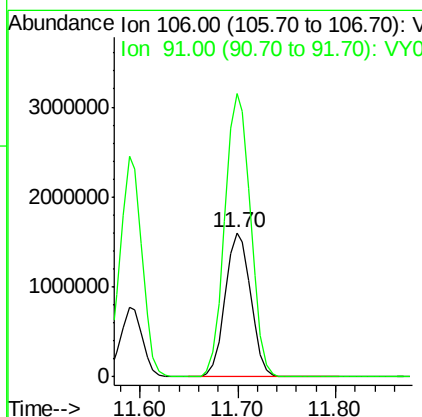
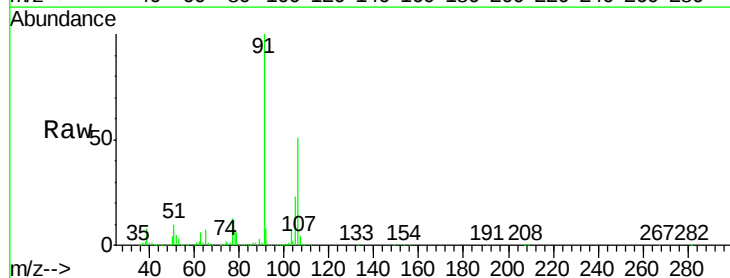
Manual Integrations
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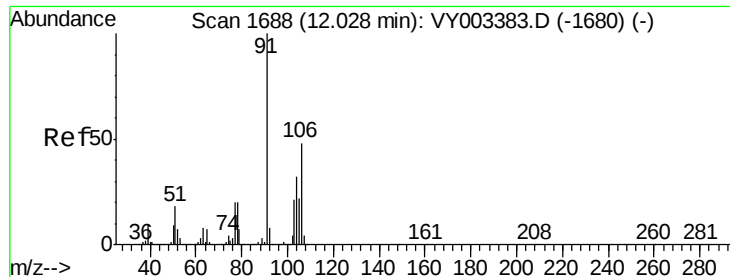
MMDadoda
8/3/2020 12:37:31 PM



#68
m/p-Xylenes
Concen: 311.834 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion: 106 Resp: 2878234
Ion Ratio Lower Upper
106 100
91 198.6 161.0 241.6





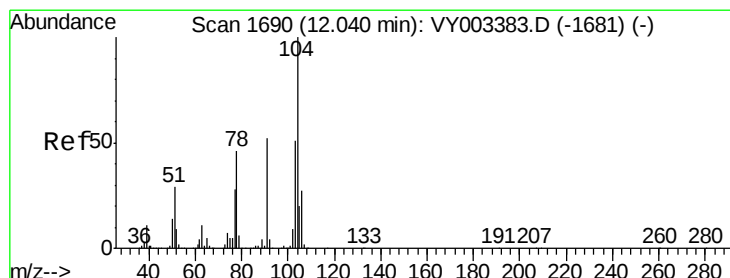
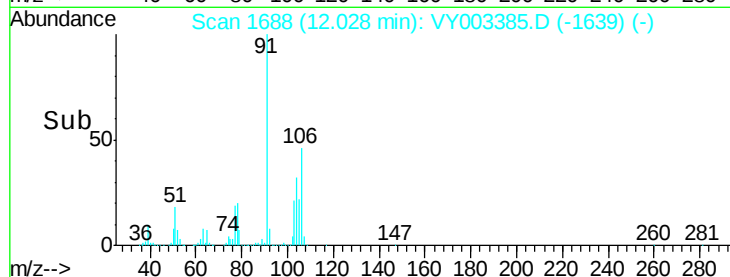
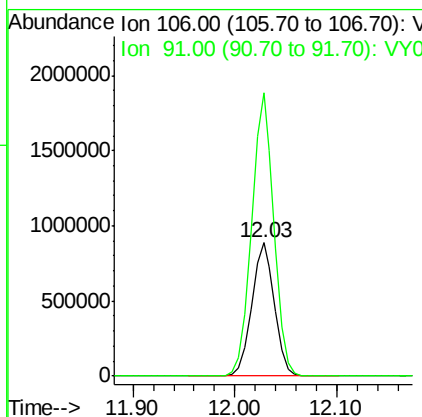
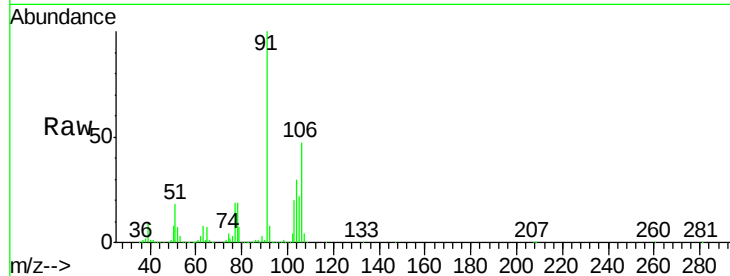
#69
o-Xylene
Concen: 158.120 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1365223
Ion Ratio Lower Upper
106 100
91 209.2 104.6 313.7

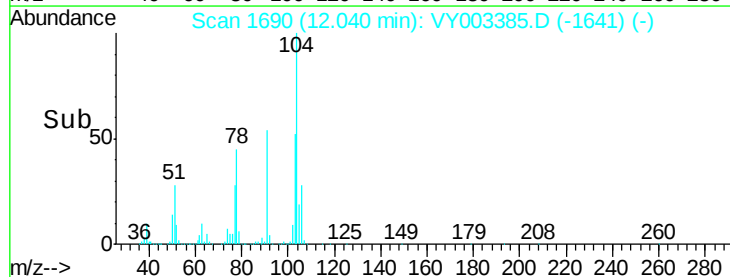
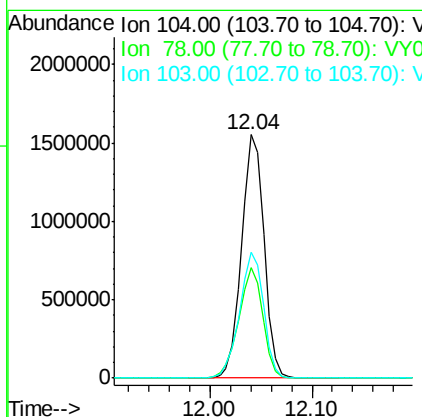
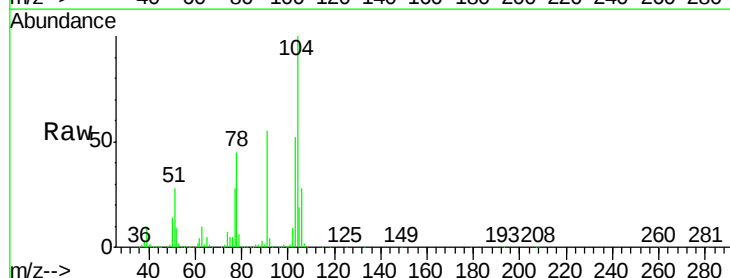
Manual Integrations
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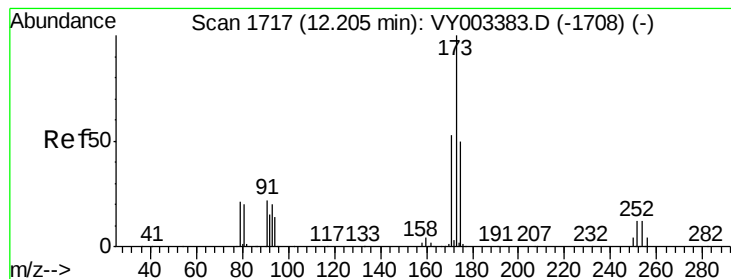
MMDadoda
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#70
Styrene
Concen: 159.970 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion:104 Resp: 2362165
Ion Ratio Lower Upper
104 100
78 48.7 39.3 58.9
103 55.3 43.7 65.5





#71

Bromoform

Concen: 152.127 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

MSVOA_Y

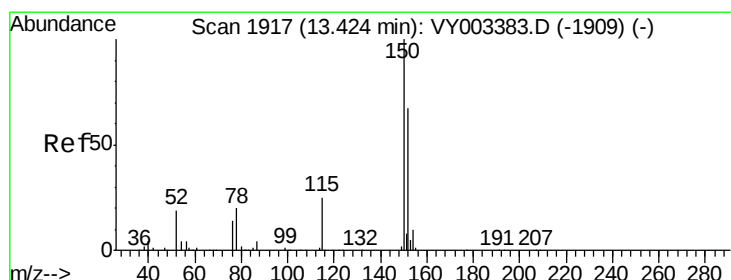
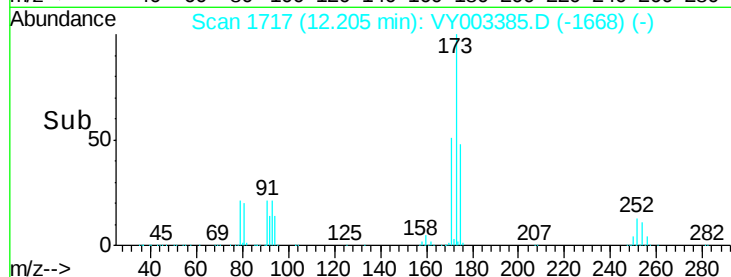
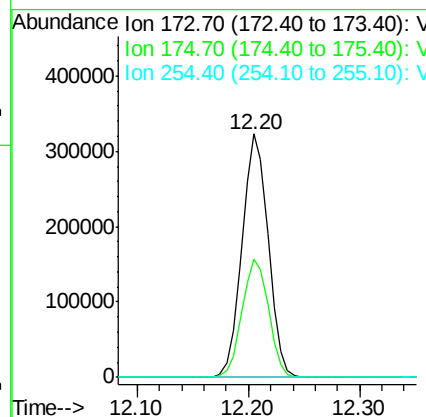
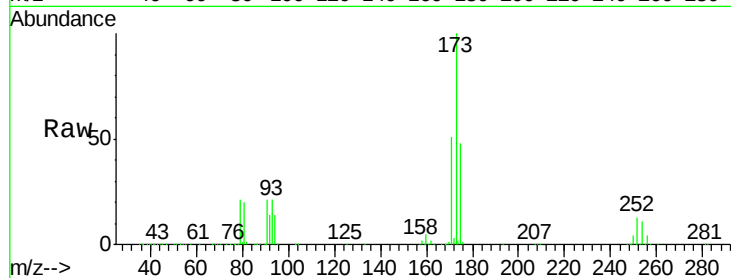
ClientSampleId :

VSTDIC150

Tot Ion:	173	Resp:	524370
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.1	72.2
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

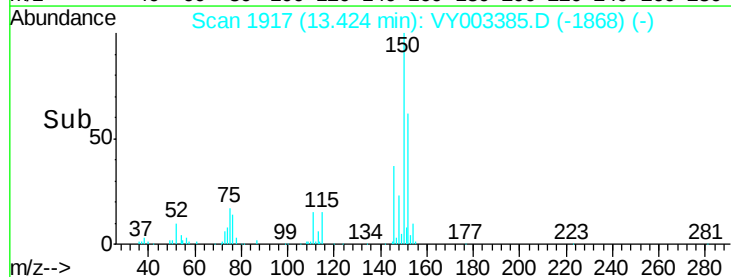
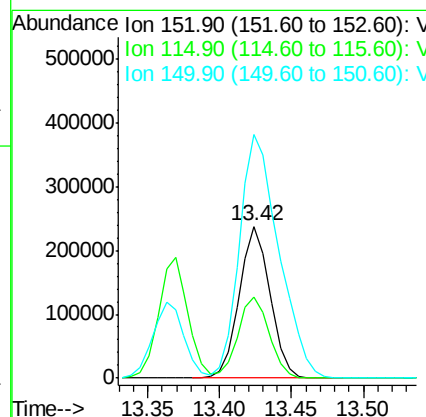
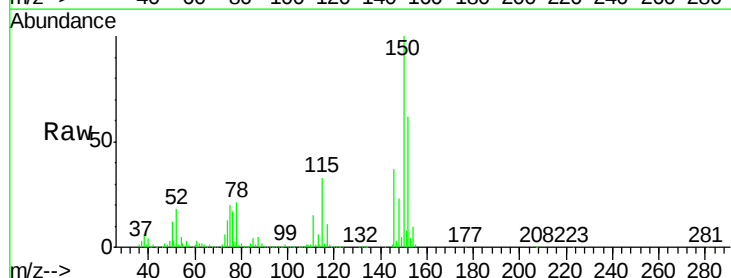
RT: 13.42 min Scan# 1917

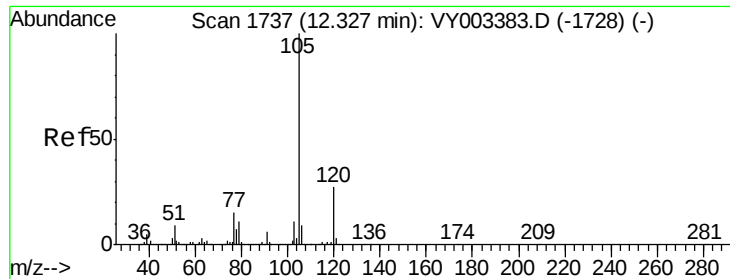
Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Tgt Ion:	152	Resp:	353391
Ion Ratio	Lower	Upper	
152	100		
115	54.4	27.2	81.5
150	204.5	0.0	346.8





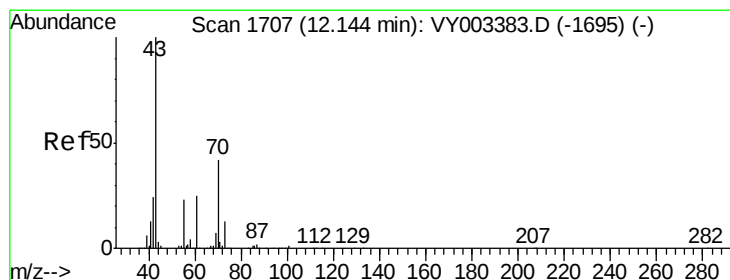
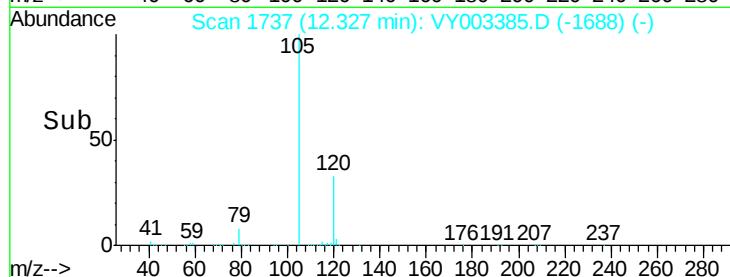
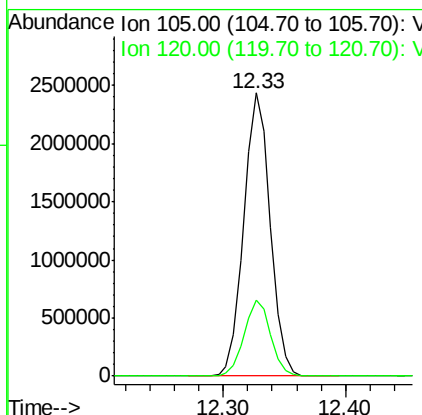
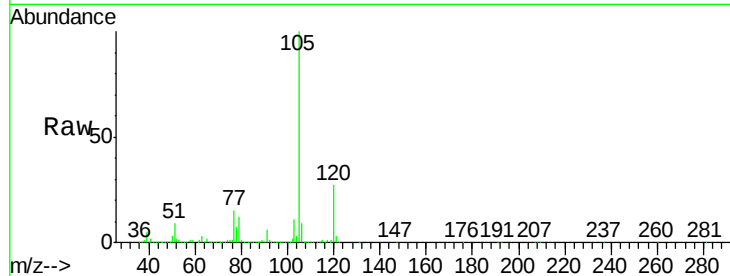
#73
Isopropylbenzene
Concen: 159.166 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

Tot Ion:105 Resp: 3643162
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

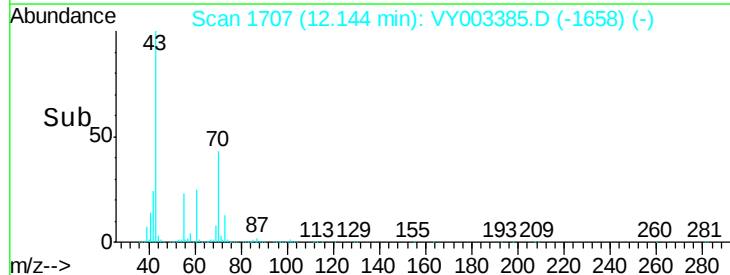
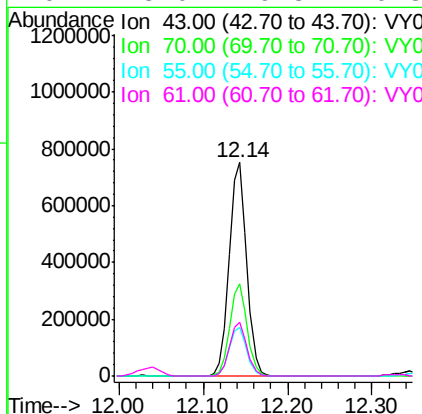
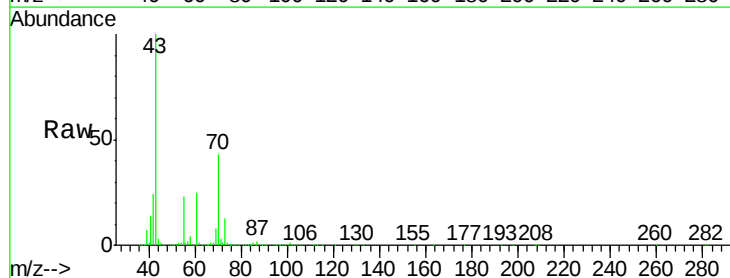
Manual Integrations
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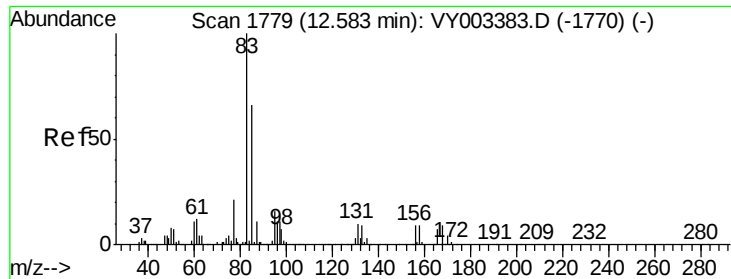
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#74
N-ethyl acetate
Concen: 164.943 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion: 43 Resp: 1062153
Ion Ratio Lower Upper
43 100
70 42.5 33.6 50.4
55 23.0 18.5 27.7
61 25.0 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 155.739 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

MSVOA_Y

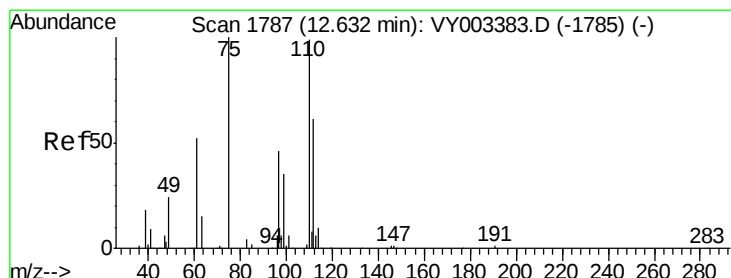
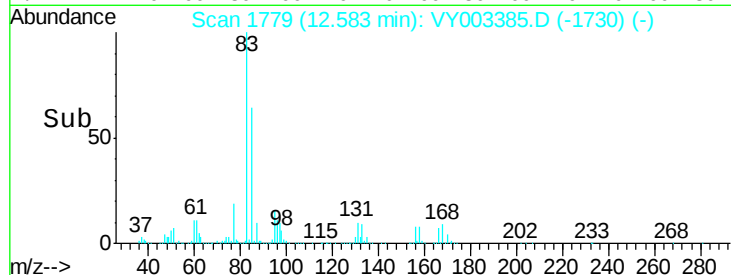
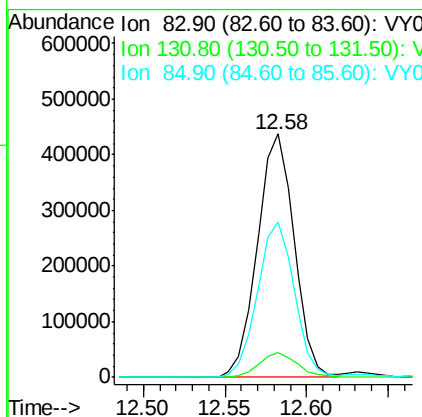
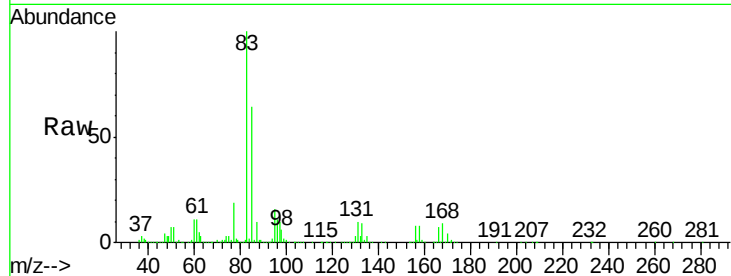
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	688558
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	63.9	31.9	95.5

Manual Integrations
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8/3/2020 12:37:31 PM



#76

1,2,3-Trichloropropane

Concen: 155.648 ug/l m

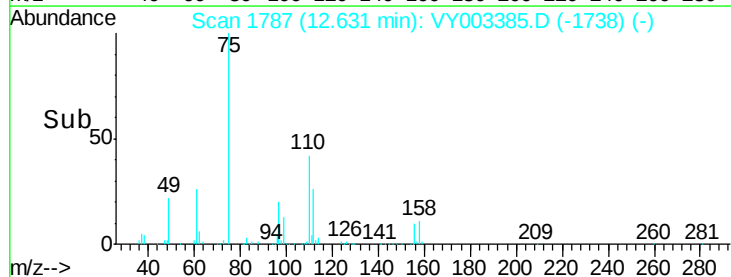
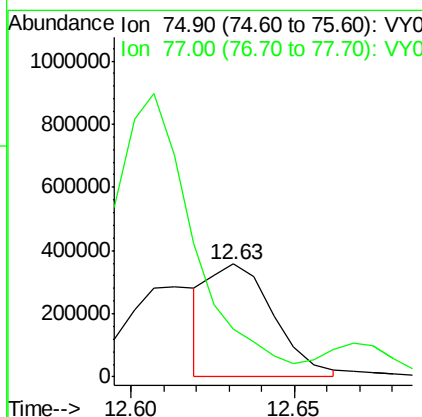
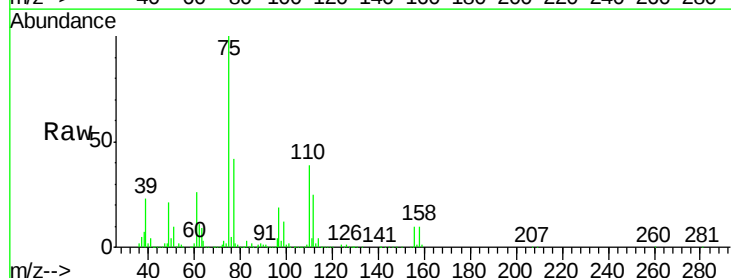
RT: 12.63 min Scan# 1787

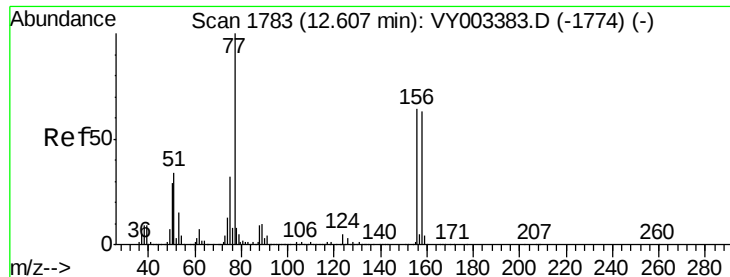
Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Tgt Ion:	75	Resp:	491517
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 156.840 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

MSVOA_Y

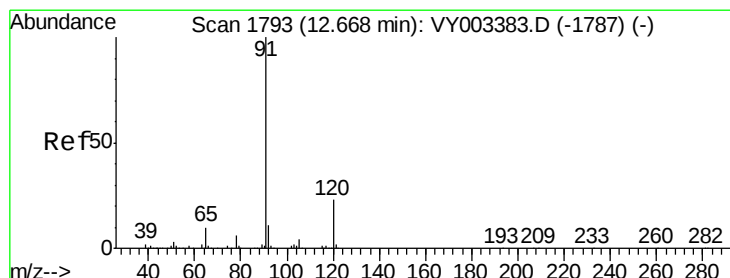
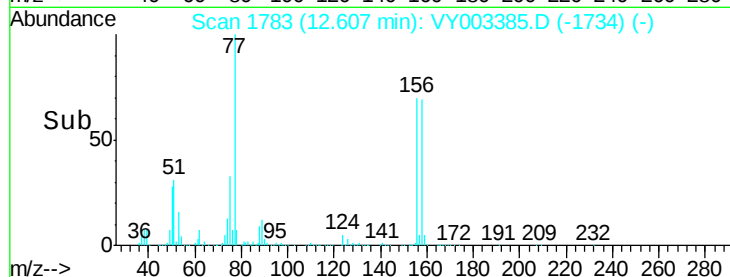
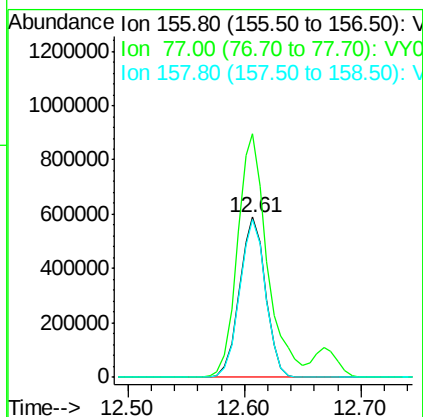
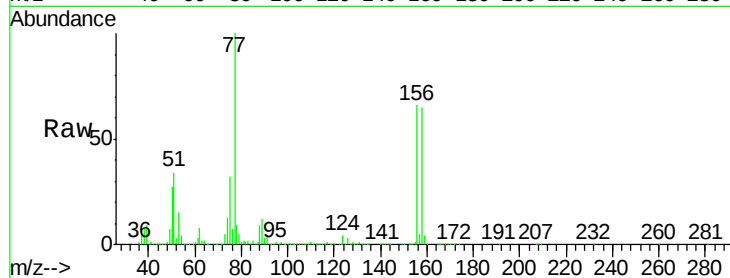
ClientSampleId :

VSTDICC150

Tot Ion:	156	Resp:	913901
Ion Ratio	Lower	Upper	
156	100		
77	173.5	87.5	262.5
158	98.4	48.7	146.1

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#78

n-propylbenzene

Concen: 156.846 ug/l

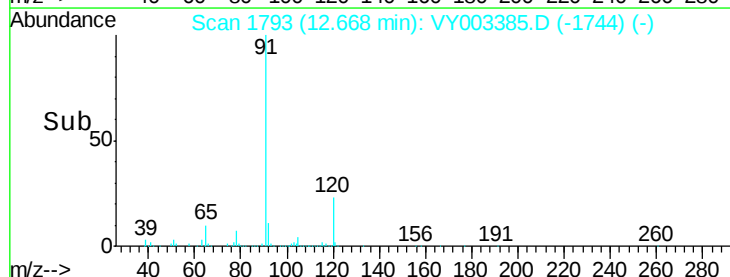
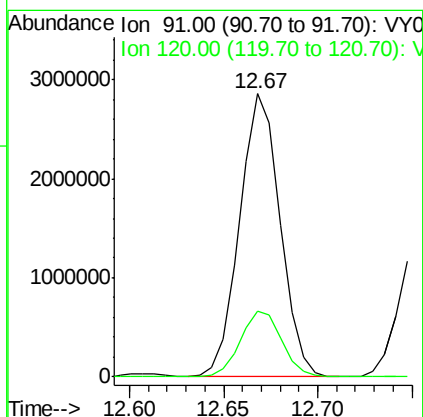
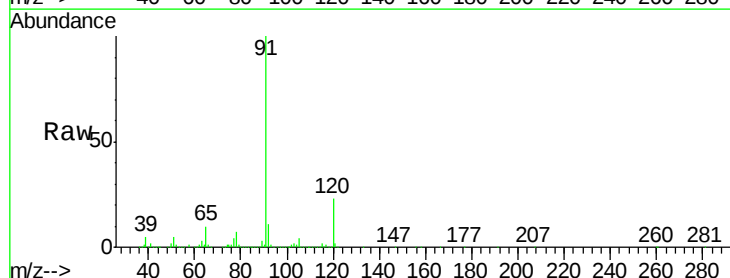
RT: 12.67 min Scan# 1793

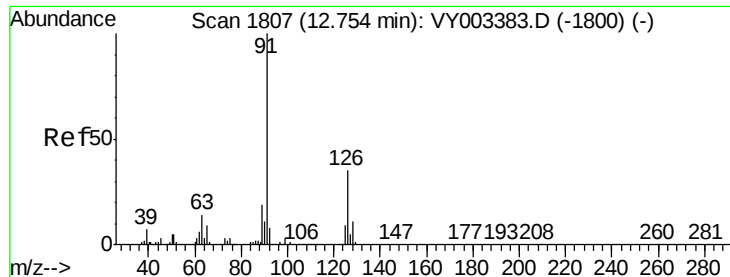
Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Tgt Ion:	91	Resp:	4244556
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.6	34.8





#79

2-Chlorotoluene

Concen: 157.828 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2377347

Ion Ratio Lower Upper

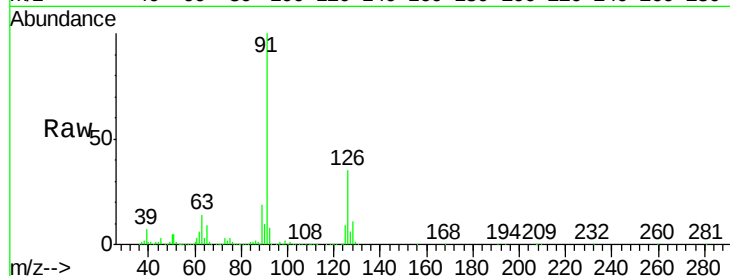
91 100

126 35.5 17.9 53.7

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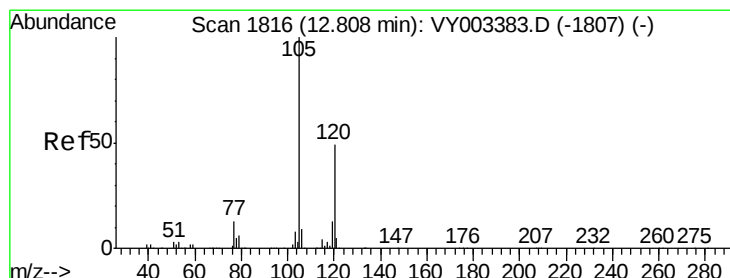
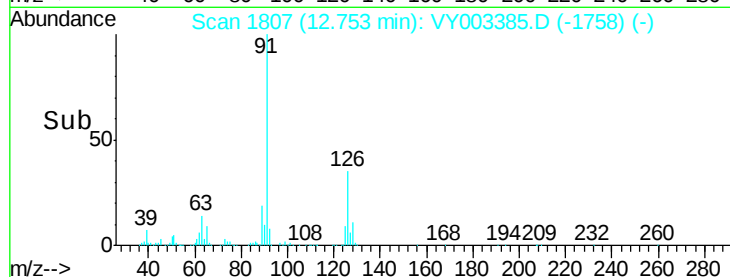
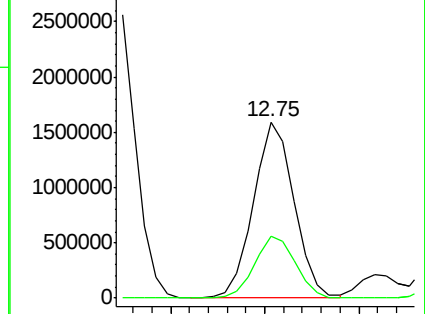
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Abundance Ion 91.00 (90.70 to 91.70): VY003383.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY003383.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 156.946 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003385.D

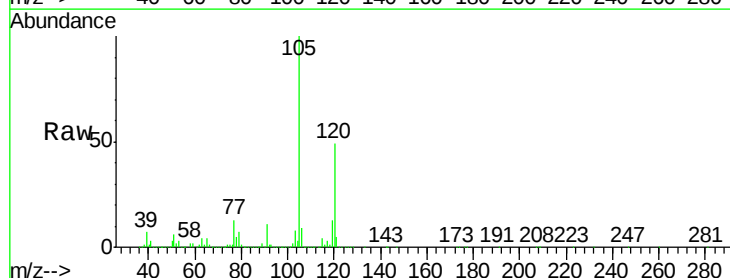
Acq: 31 Jul 2020 12:53

Tgt Ion: 105 Resp: 2997609

Ion Ratio Lower Upper

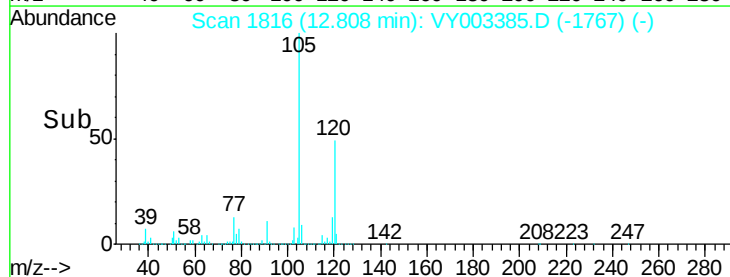
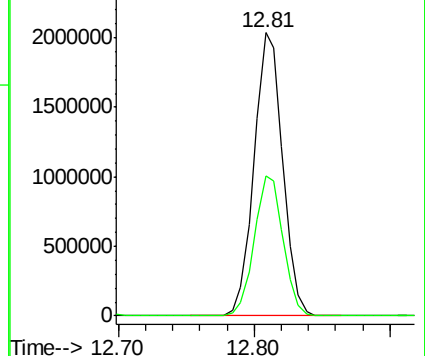
105 100

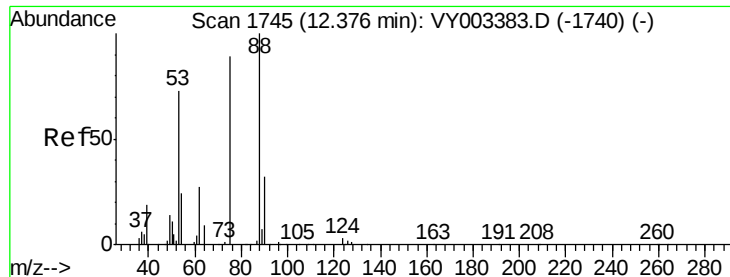
120 49.9 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY003383.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY003383.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 162.126 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Instrument :

MSVOA_Y

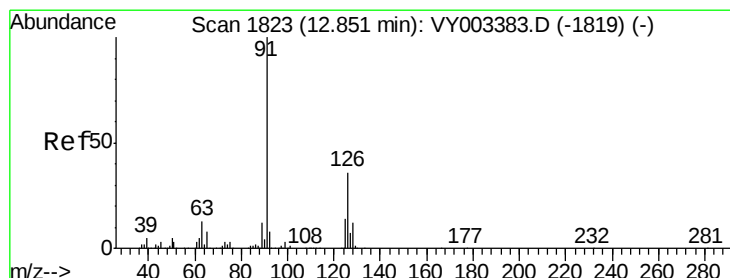
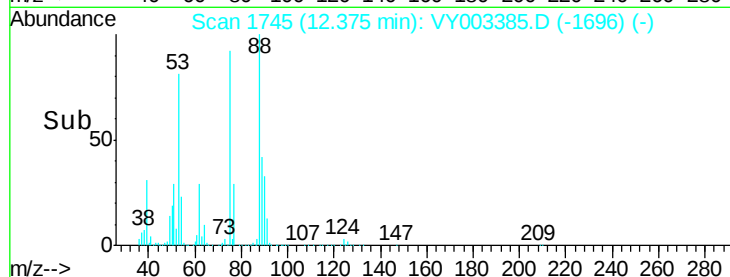
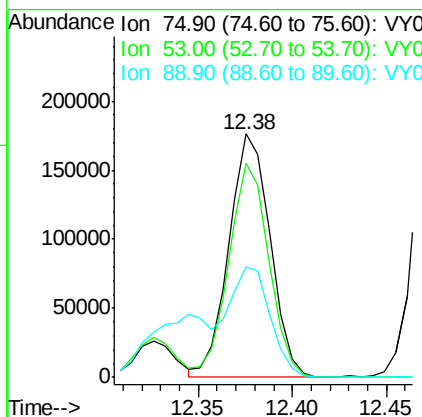
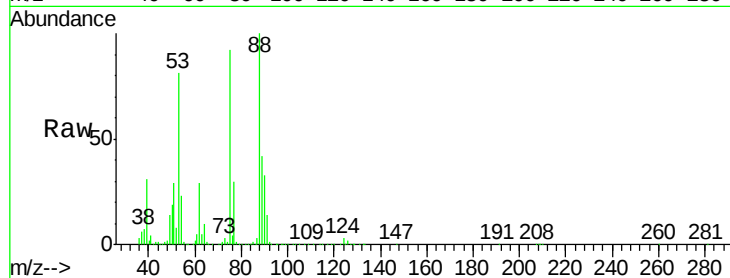
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	264169
Ion	Ratio	Lower	Upper
75	100		
53	87.0	69.5	104.3
89	46.9	33.8	50.6

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#82

4-Chlorotoluene

Concen: 156.130 ug/l

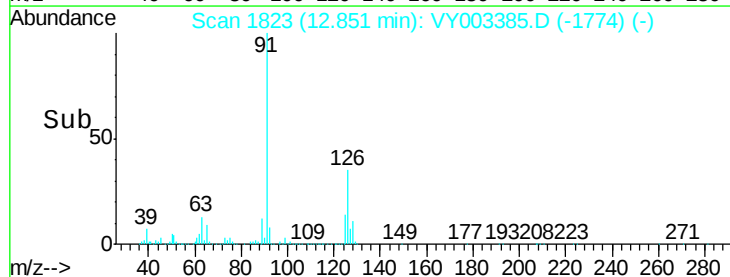
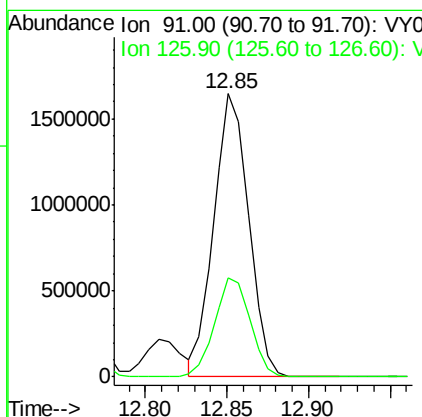
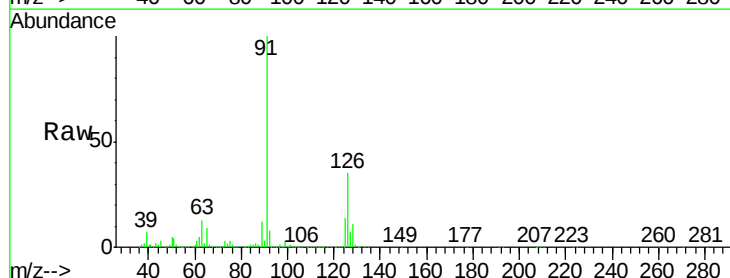
RT: 12.85 min Scan# 1823

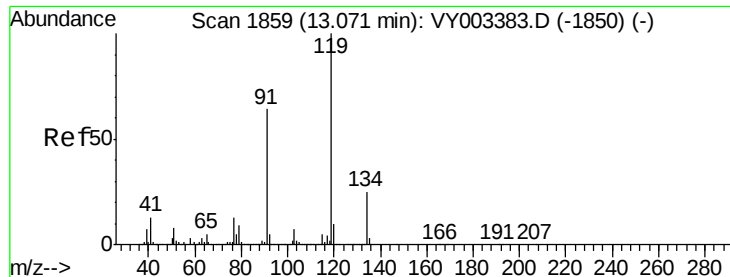
Delta R.T. -0.00 min

Lab File: VY003385.D

Acq: 31 Jul 2020 12:53

Tgt Ion:	91	Resp:	2454370
Ion	Ratio	Lower	Upper
91	100		
126	35.7	18.1	54.4





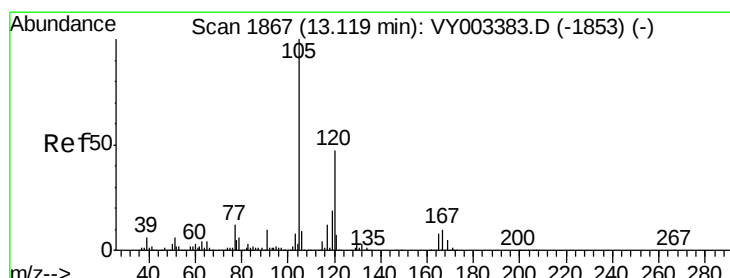
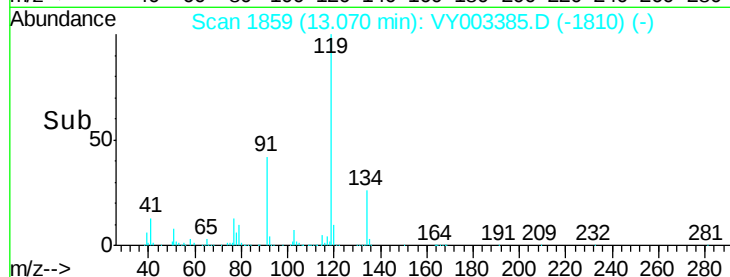
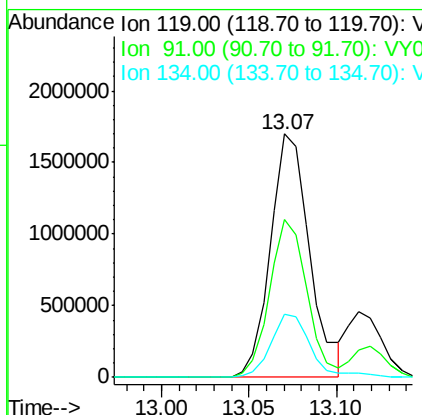
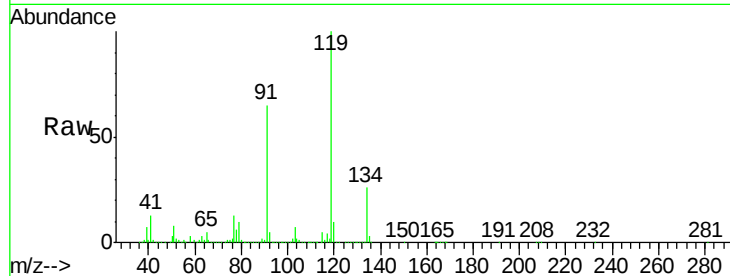
#83
tert-Butylbenzene
Concen: 158.489 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:119 Resp: 2660601
Ion Ratio Lower Upper
119 100
91 61.7 31.8 95.3
134 26.4 13.6 40.8

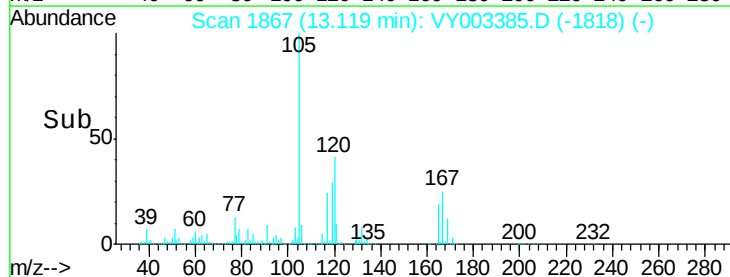
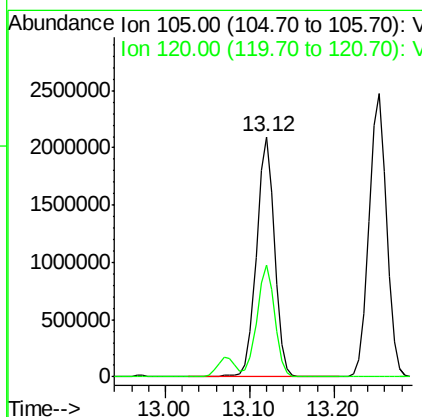
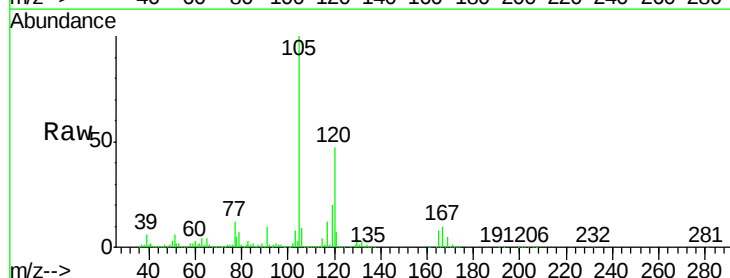
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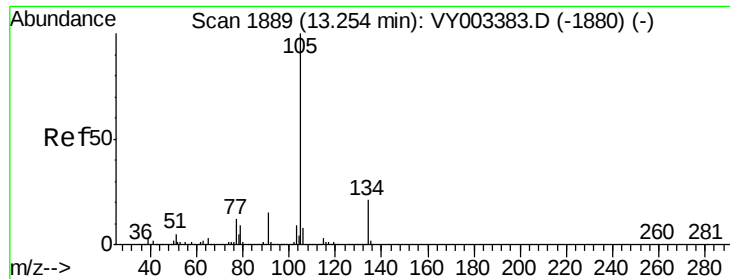
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#84
1,2,4-Trimethylbenzene
Concen: 157.948 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion:105 Resp: 3037184
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.3





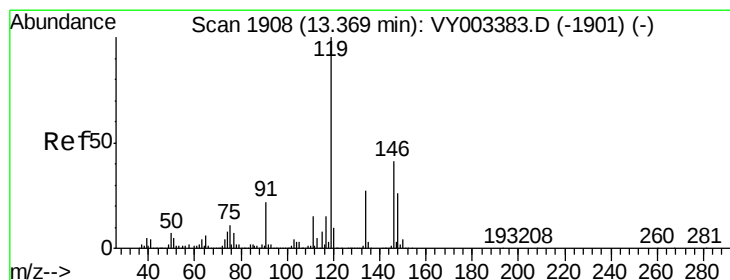
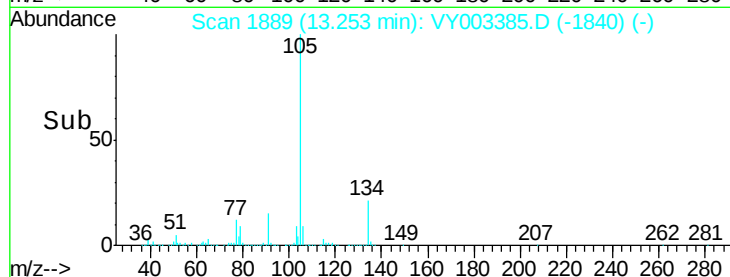
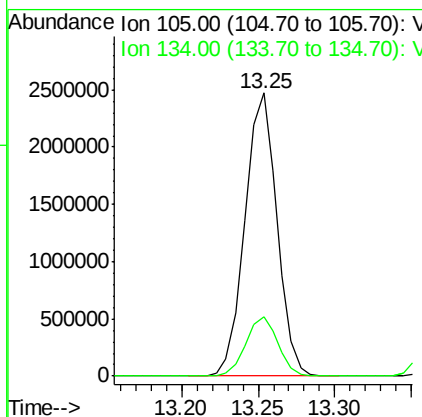
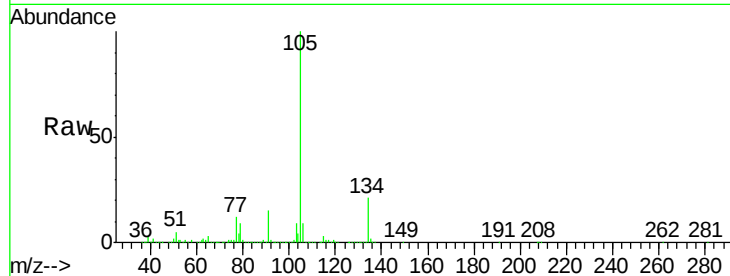
#85
 sec-Butylbenzene
 Concen: 154.890 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 3589896
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.4

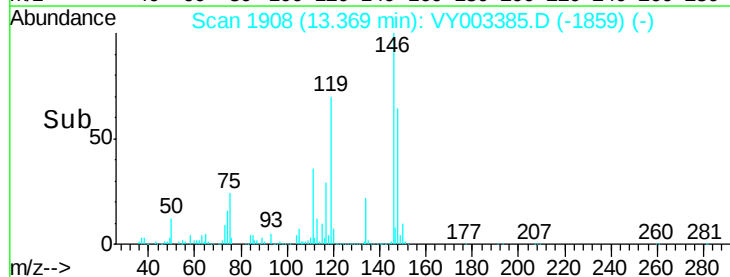
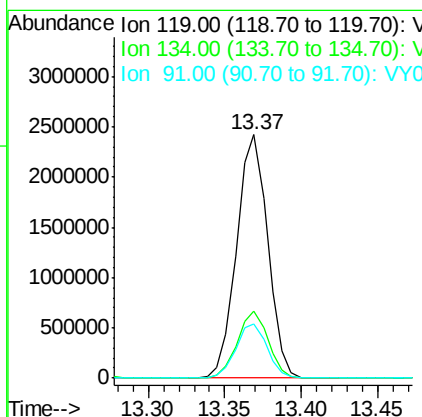
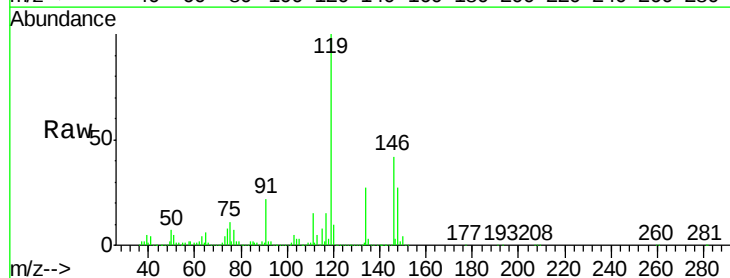
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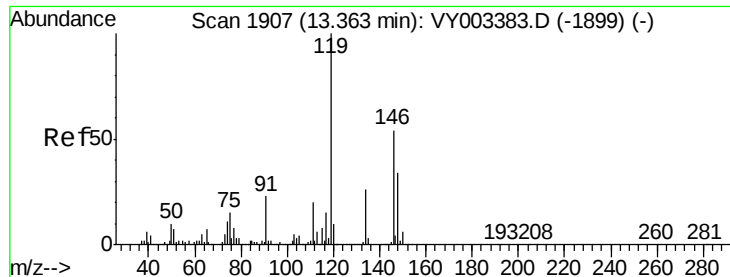
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#86
 p-Isopropyltoluene
 Concen: 157.573 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Tgt Ion:119 Resp: 3409776
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.4
 91 22.4 11.4 34.1





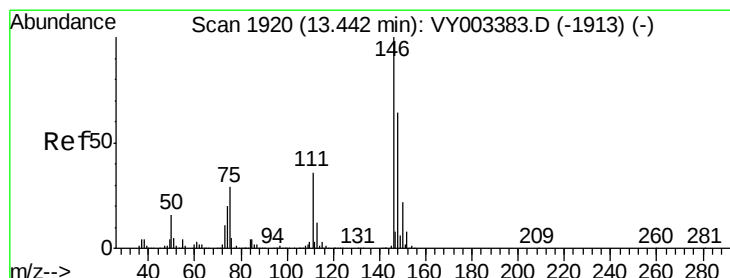
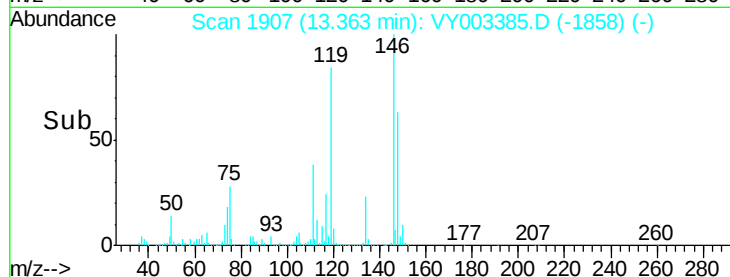
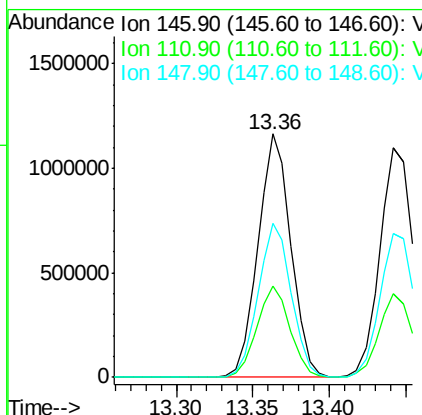
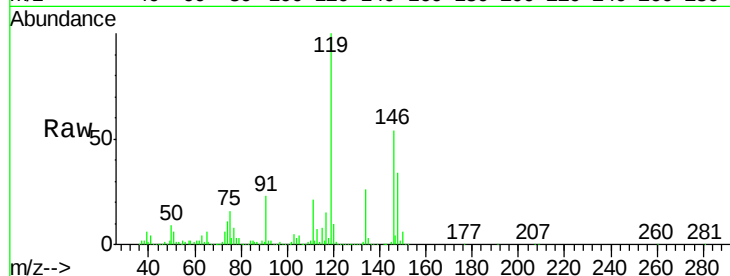
#87
 1,3-Dichlorobenzene
 Concen: 157.681 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.4
148	63.6	31.9	95.9

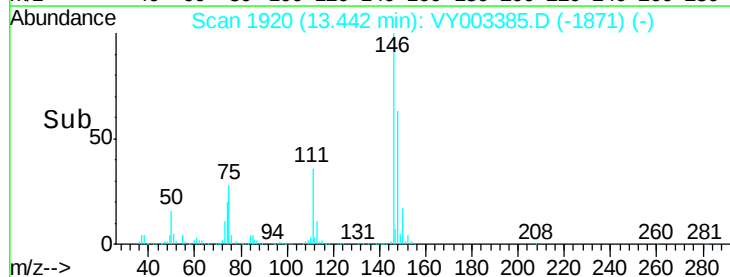
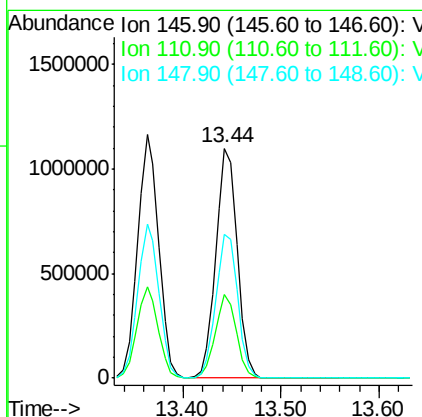
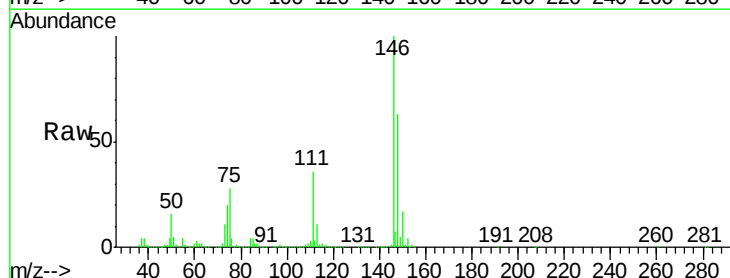
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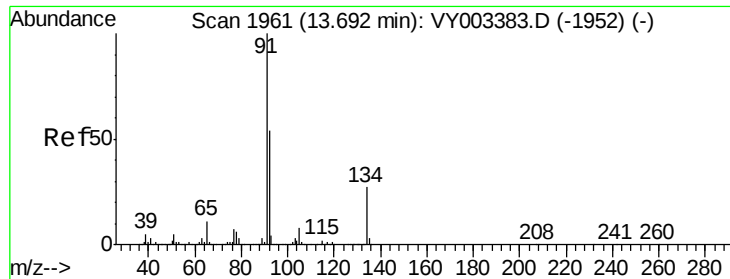
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#88
 1,4-Dichlorobenzene
 Concen: 152.375 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.1	54.3
148	63.8	32.1	96.3





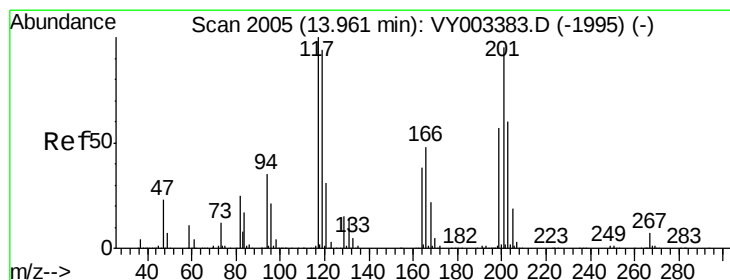
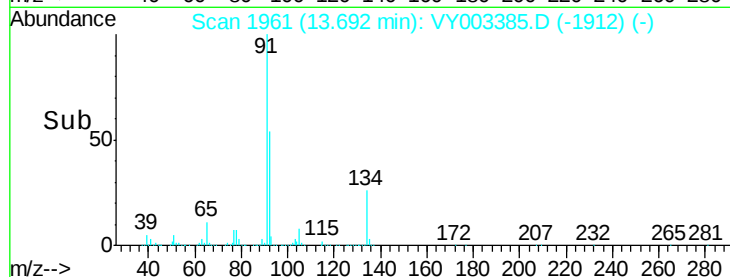
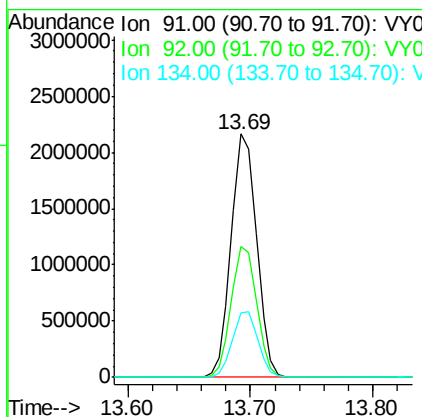
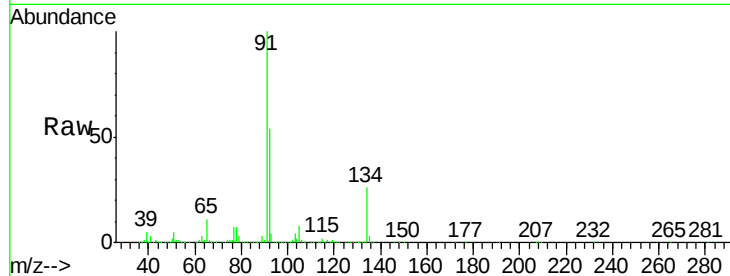
#89
n-Butylbenzene
Concen: 152.942 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.9	80.6
134	27.3	13.6	40.7

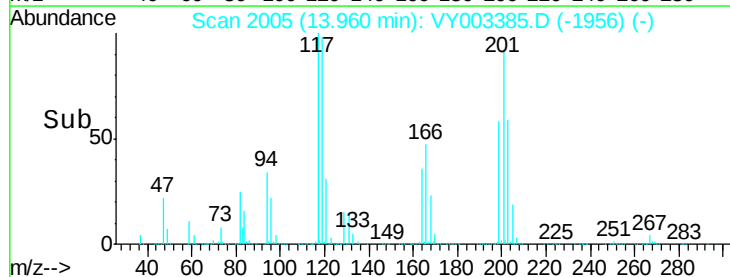
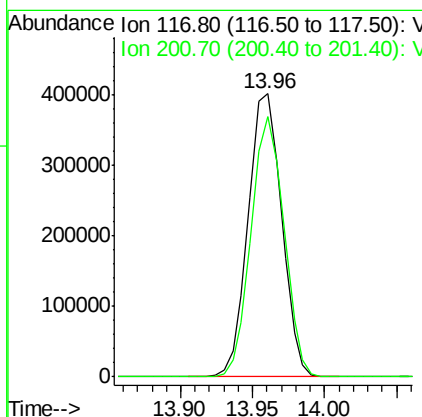
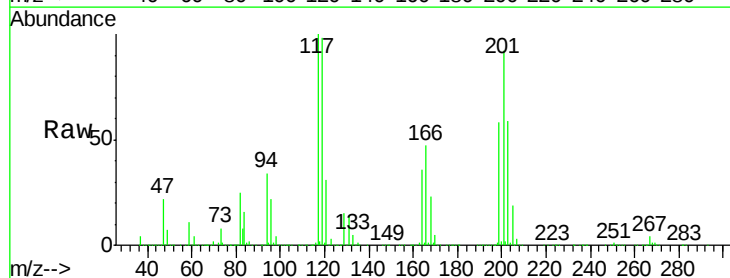
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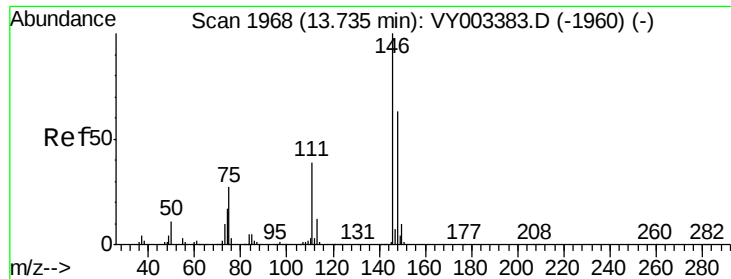
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#90
Hexachloroethane
Concen: 163.095 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.2	44.7	134.1





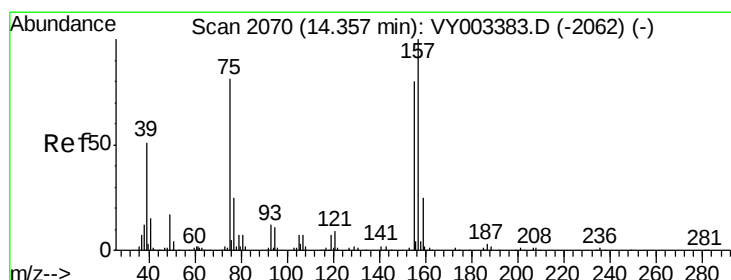
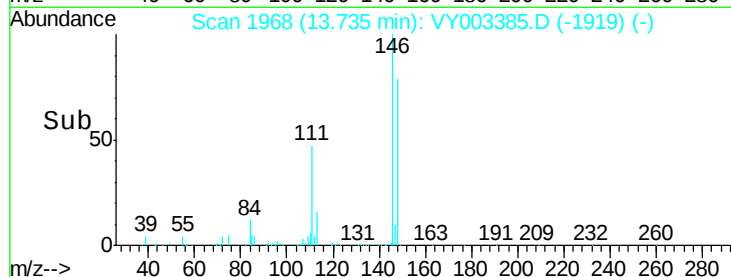
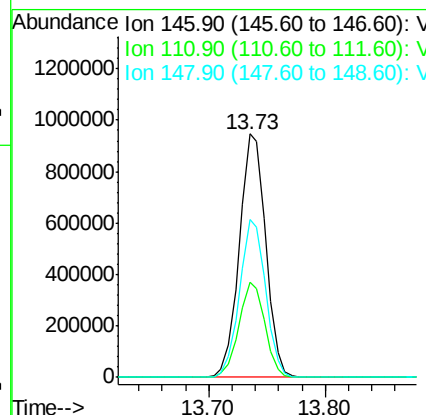
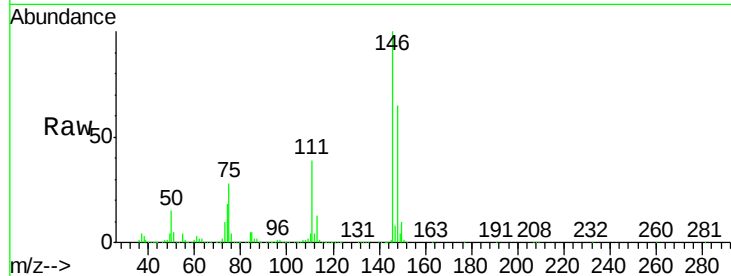
#91
 1,2-Dichlorobenzene
 Concen: 154.185 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.2	57.6
148	64.0	32.1	96.5

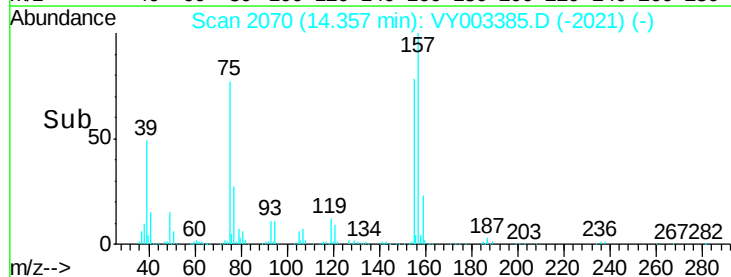
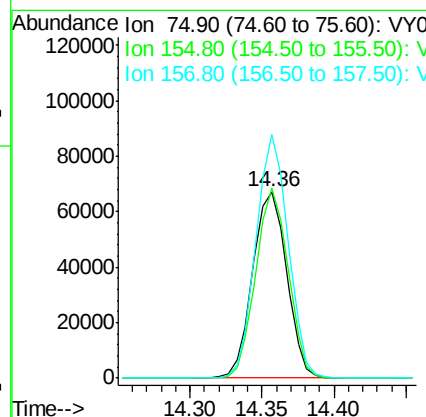
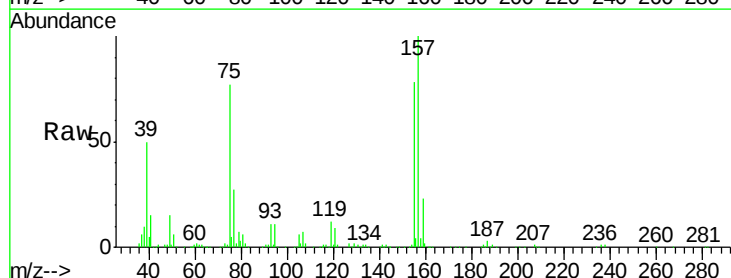
Manual Integrations
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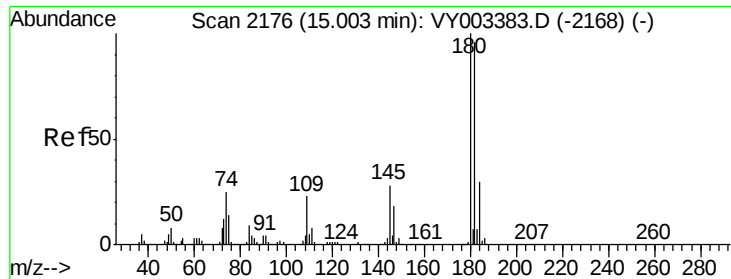
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 152.691 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.5	48.8	146.4
157	123.8	60.9	182.6





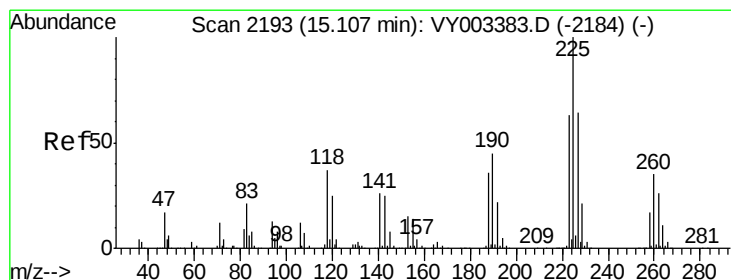
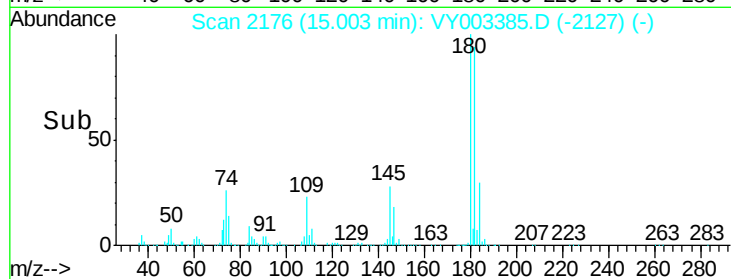
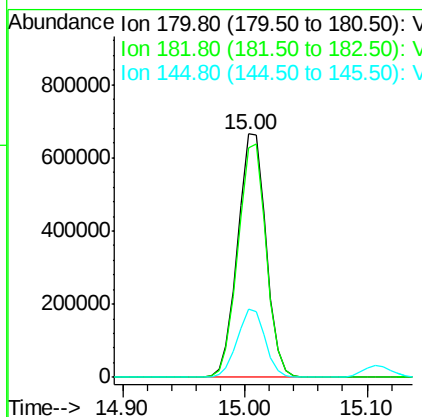
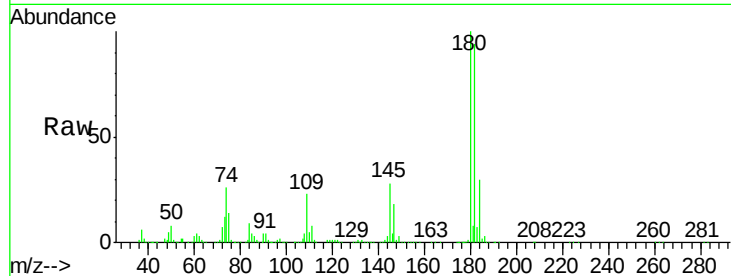
#93
 1,2,4-Trichlorobenzene
 Concen: 153.630 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.2	144.6
145	27.5	13.8	41.3

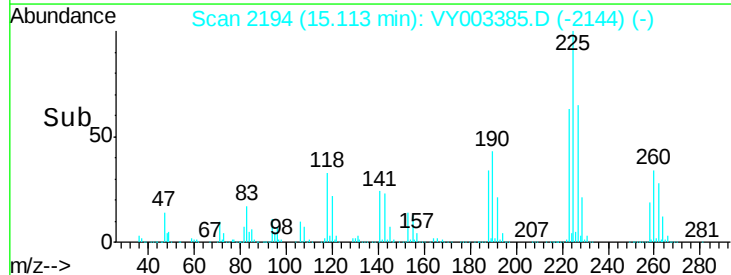
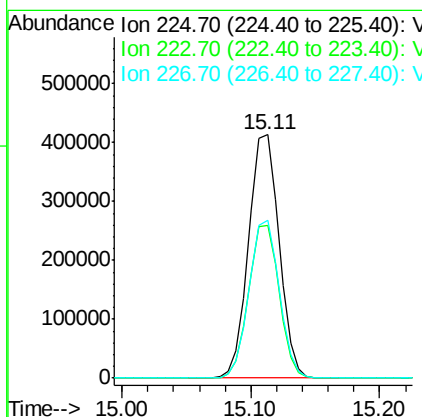
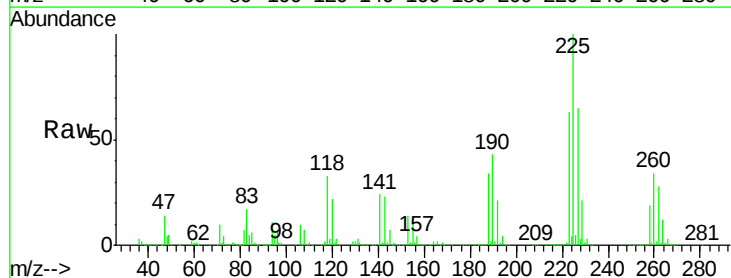
Manual Integrations
 APPROVED

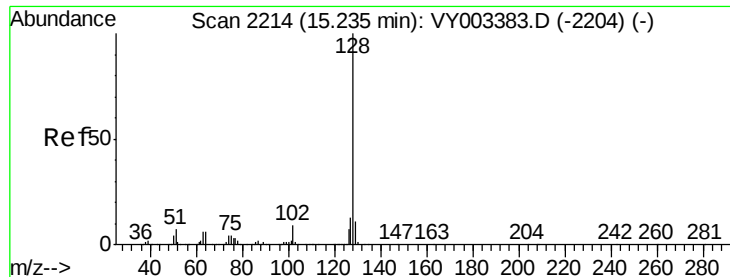
MMDadoda
 8/3/2020 12:37:31 PM



#94
 Hexachlorobutadiene
 Concen: 142.860 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY003385.D
 Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.6	94.8
227	64.3	32.0	96.2





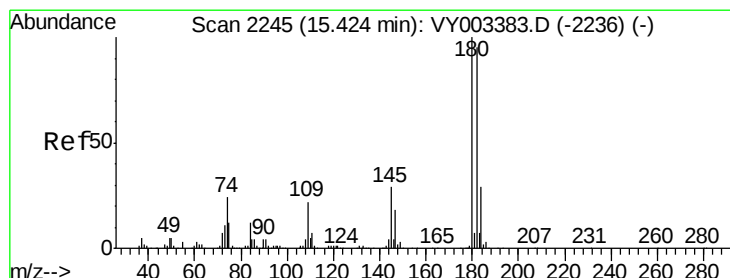
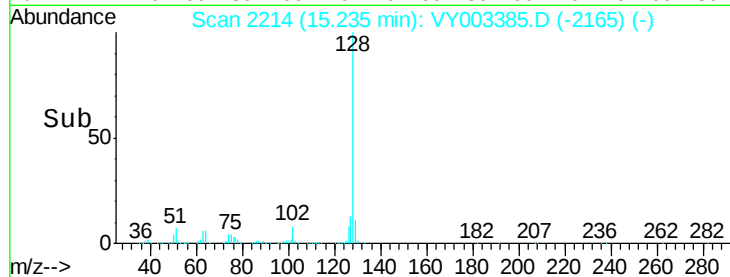
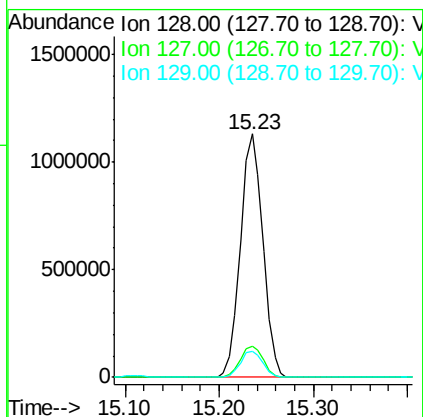
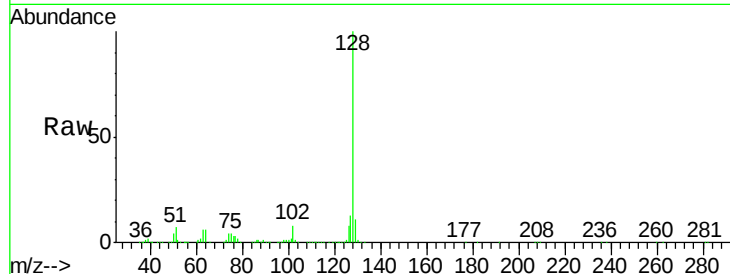
#95
Naphthalene
Concen: 162.938 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/3/2020 12:37:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 158.276 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003385.D
Acq: 31 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.2
145	29.1	14.5	43.5

