

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013847.D
 Acq On : 24 May 2023 15:35
 Operator : KP/MD
 Sample : 02899-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB06A

Quant Time: May 25 07:08:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

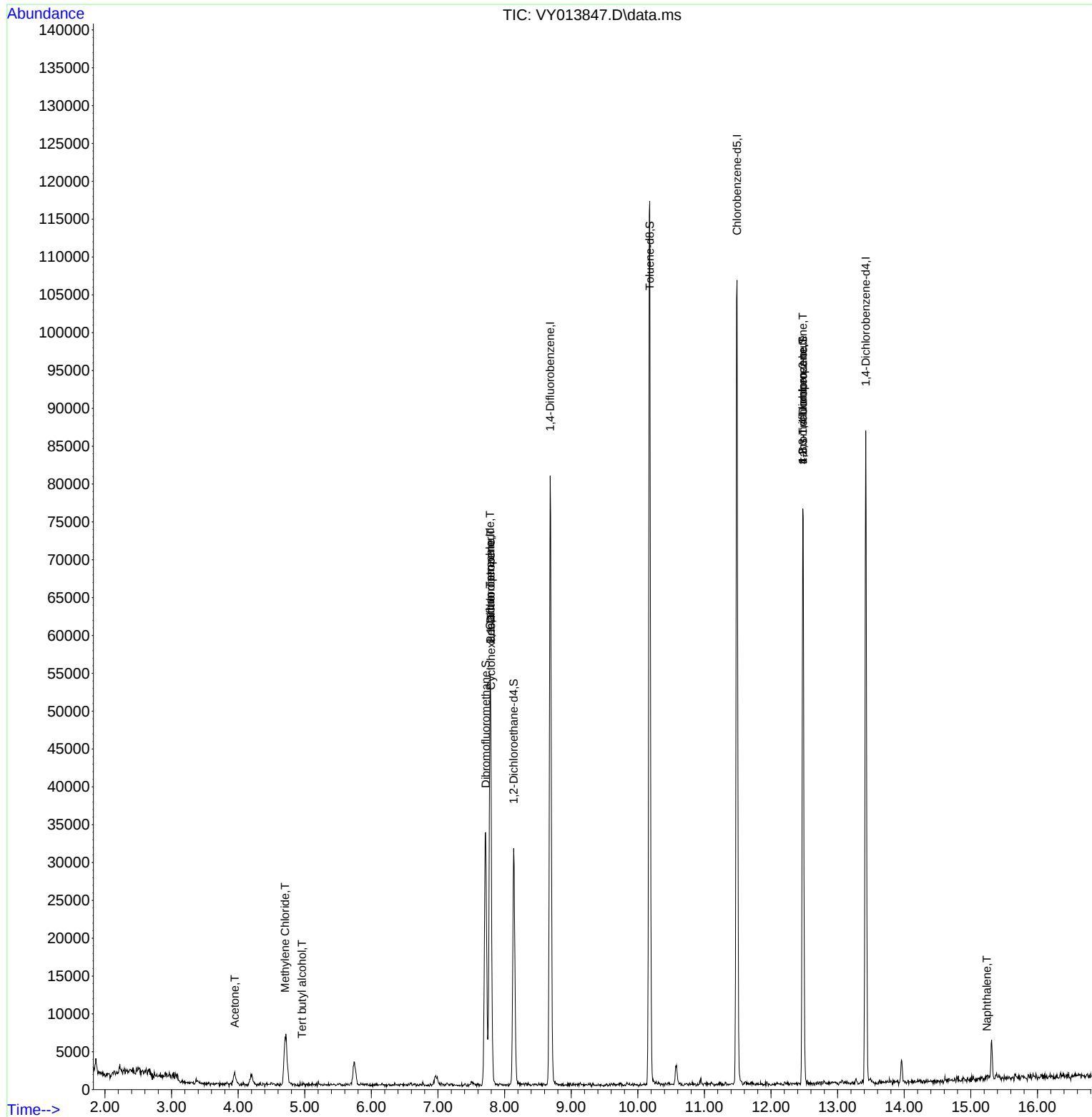
Internal Standards						
1) Pentafluorobenzene	7.789	168	43033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	66631	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	59715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	25722	51.666	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.340%	
35) Dibromofluoromethane	7.716	113	23161	53.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.640%	
50) Toluene-d8	10.179	98	78353	47.909	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.820%	
62) 4-Bromofluorobenzene	12.477	95	20760	38.188	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	44	1.154	ug/l #	73
16) Acetone	3.948	43	2439	16.506	ug/l #	86
20) Methylene Chloride	4.704	84	5010	7.399	ug/l #	84
31) Cyclohexane	7.795	56	1188	1.553	ug/l #	66
36) 1,1-Dichloropropene	7.789	75	3161	4.823	ug/l #	42
38) Carbon Tetrachloride	7.783	117	4353	5.840	ug/l #	22
76) 1,2,3-Trichloropropane	12.477	75	11324	43.000	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	11324	93.340	ug/l #	10
95) Naphthalene	15.239	128	283	4.819	ug/l #	68

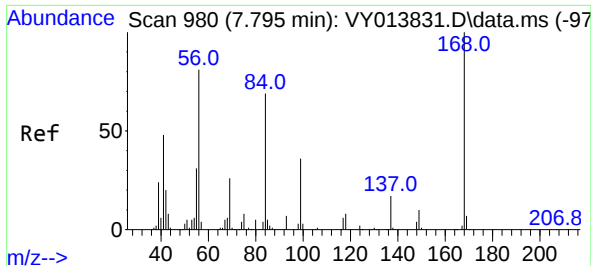
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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Quant Time: May 25 07:08:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

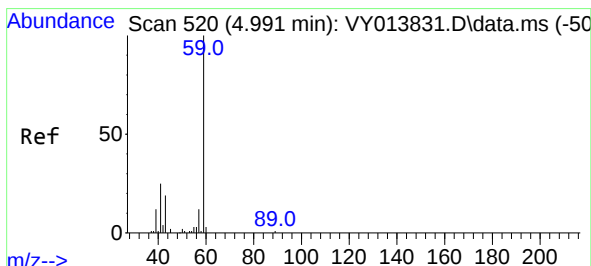
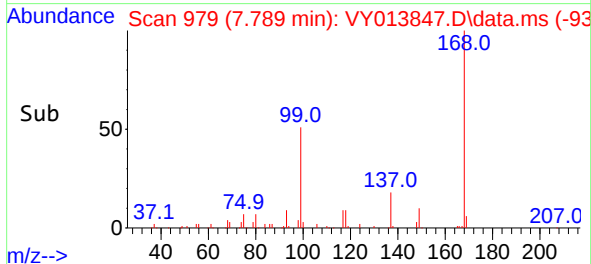
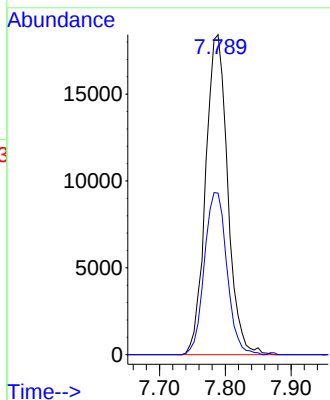
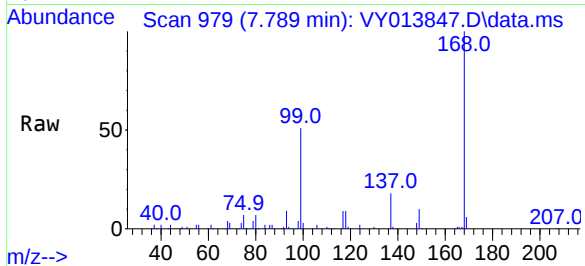




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

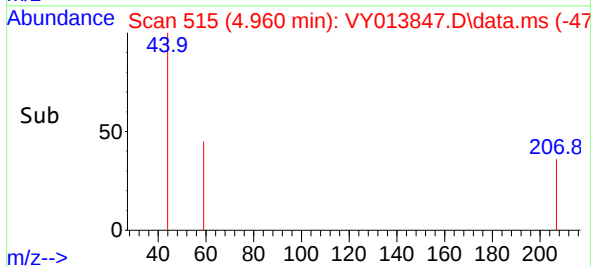
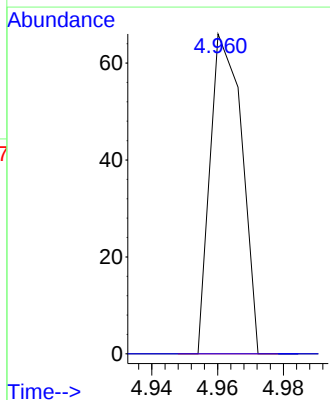
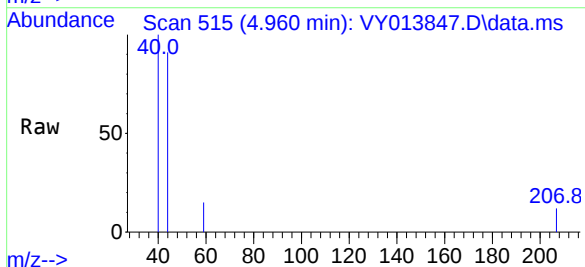
Instrument :
MSVOA_Y
ClientSampleId :
SB06A

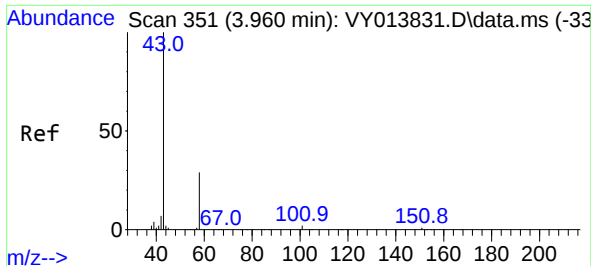
Tgt Ion:168 Resp: 43033
Ion Ratio Lower Upper
168 100
99 50.5 43.4 65.2



#11
Tert butyl alcohol
Concen: 1.154 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.030 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

Tgt Ion: 59 Resp: 44
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

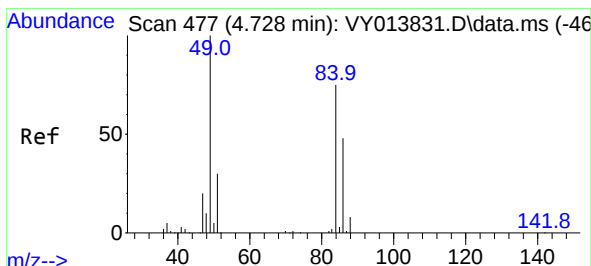
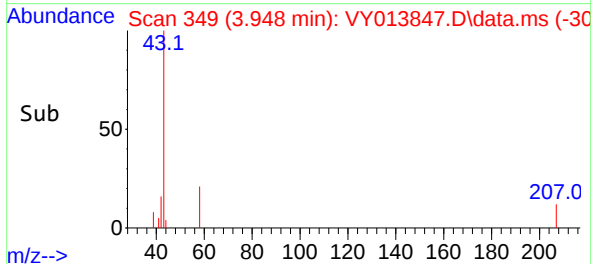
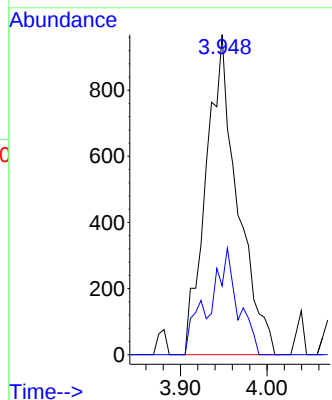
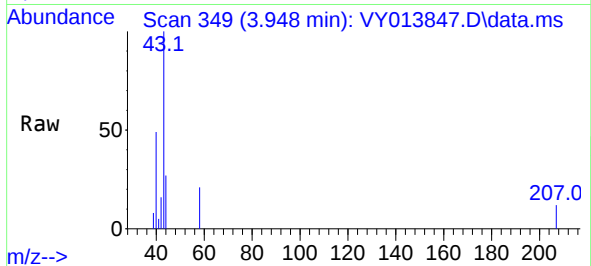




#16
Acetone
Concen: 16.506 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

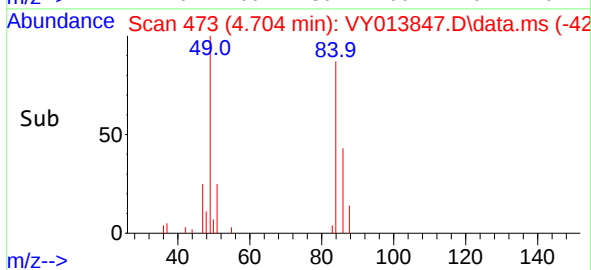
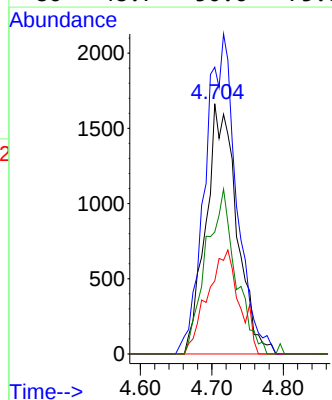
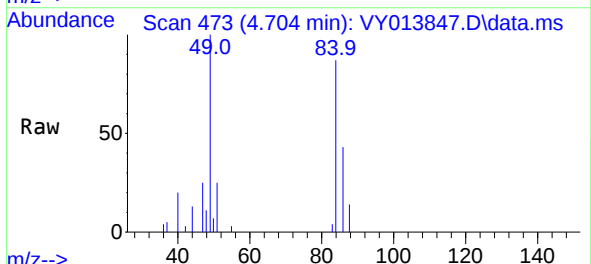
Instrument :
MSVOA_Y
ClientSampleId :
SB06A

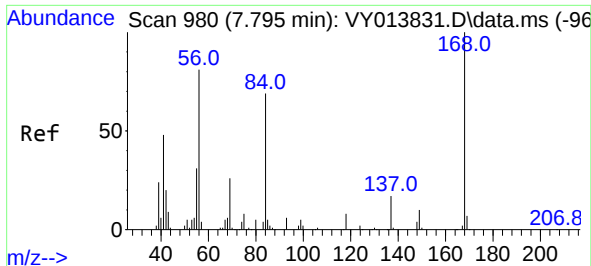
Tgt Ion: 43 Resp: 2439
Ion Ratio Lower Upper
43 100
58 21.5 23.3 34.9#



#20
Methylene Chloride
Concen: 7.399 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.024 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

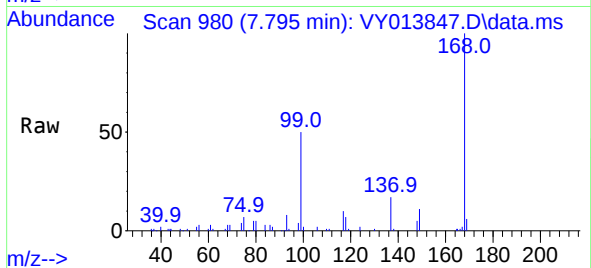
Tgt Ion: 84 Resp: 5010
Ion Ratio Lower Upper
84 100
49 114.6 106.2 159.2
51 29.1 31.4 47.0#
86 48.7 50.6 75.8#



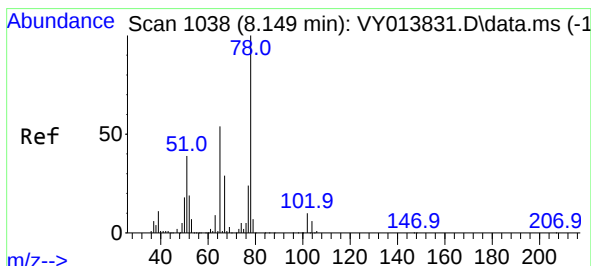
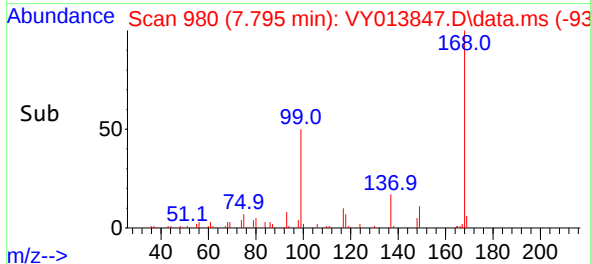
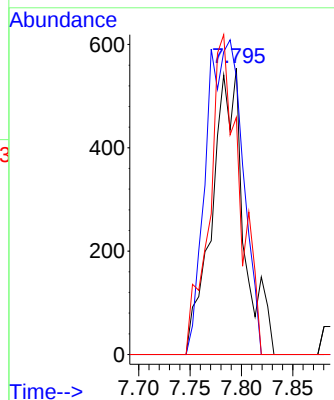


#31
Cyclohexane
Concen: 1.553 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

Instrument :
MSVOA_Y
ClientSampleId :
SB06A

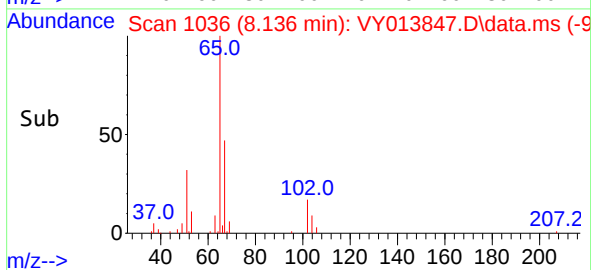
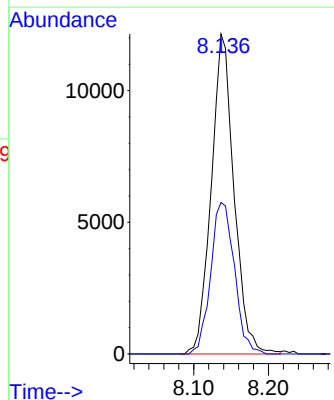
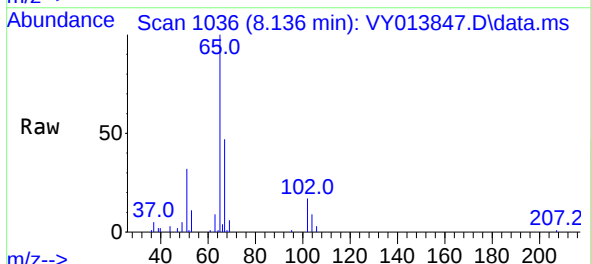


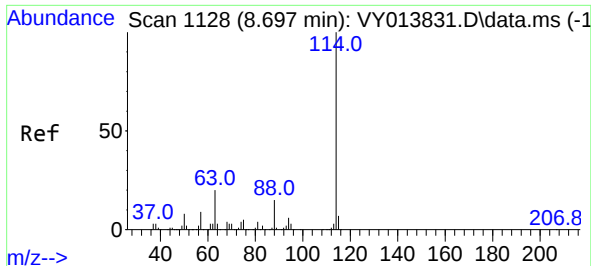
Tgt Ion: 56 Resp: 1188
Ion Ratio Lower Upper
56 100
69 97.1 25.8 38.8#
84 82.9 68.2 102.2



#33
1,2-Dichloroethane-d4
Concen: 51.666 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

Tgt Ion: 65 Resp: 25722
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.4

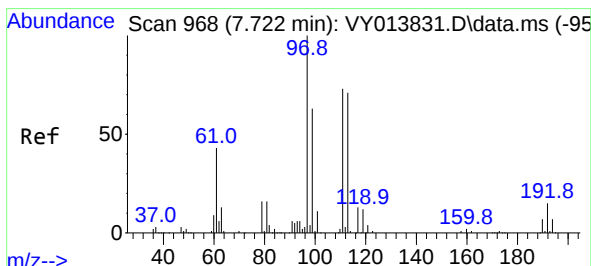
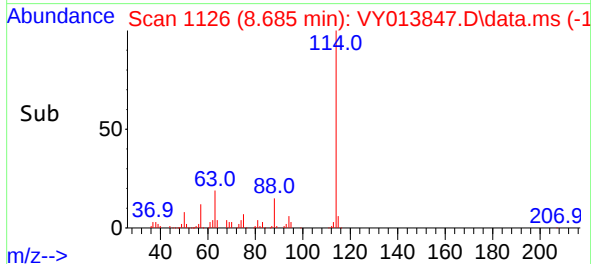
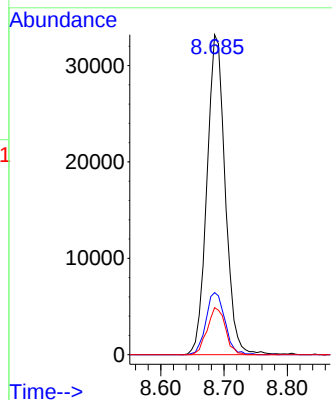
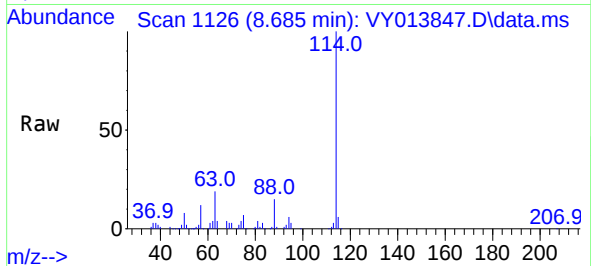




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.012 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

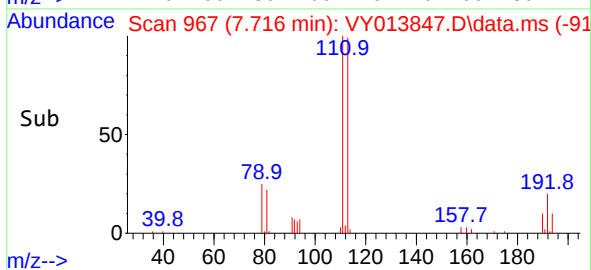
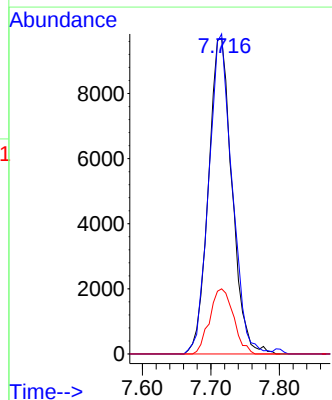
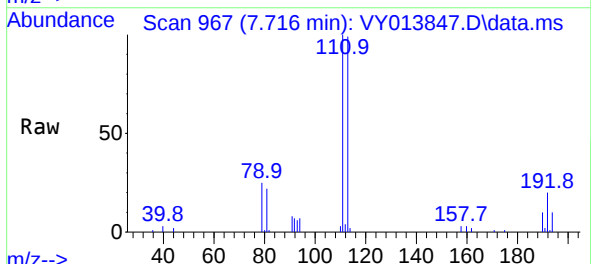
Instrument :
MSVOA_Y
ClientSampleId :
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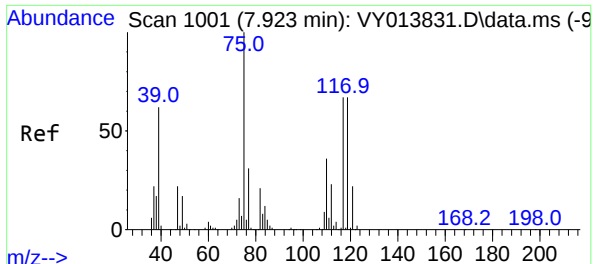
Tgt Ion:114	Resp:	66631
Ion	Ratio	Lower Upper
114	100	
63	19.4	0.0 40.2
88	14.7	0.0 30.0



#35
Dibromofluoromethane
Concen: 53.824 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

Tgt Ion:113	Resp:	23161
Ion	Ratio	Lower Upper
113	100	
111	100.2	80.4 120.6
192	20.9	16.6 25.0

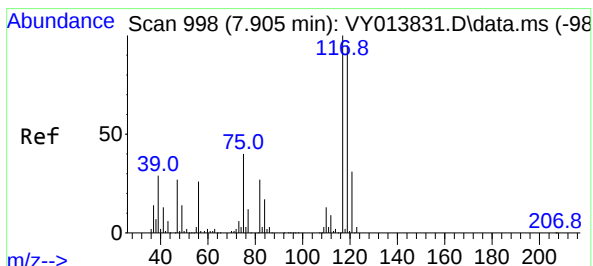
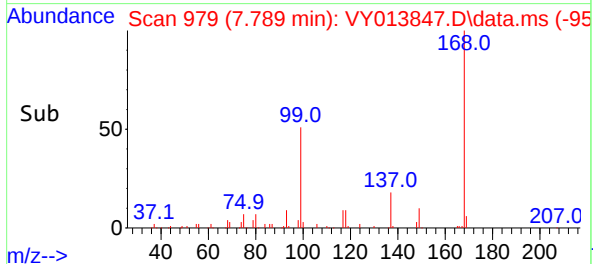
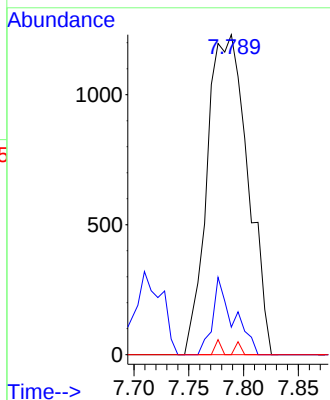
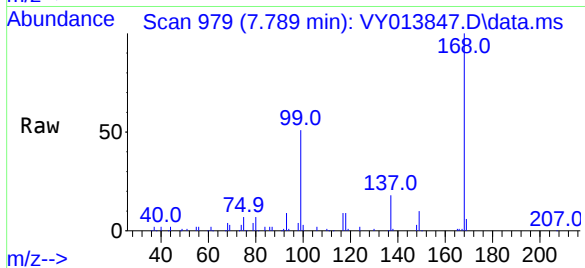




#36
1,1-Dichloropropene
Concen: 4.823 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

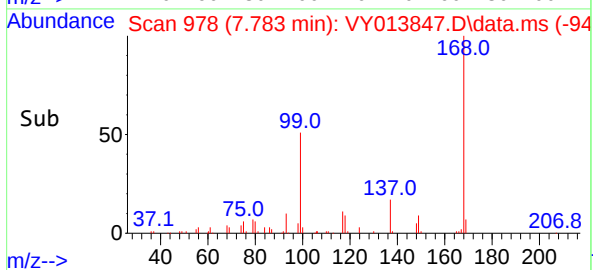
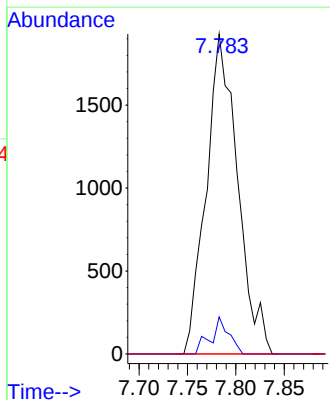
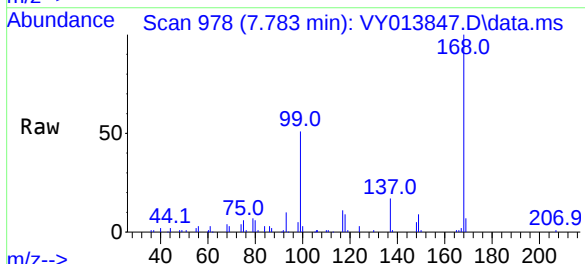
Instrument :
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ClientSampleId :
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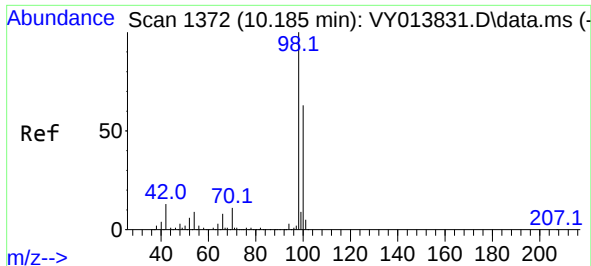
Tgt Ion: 75 Resp: 3161
Ion Ratio Lower Upper
75 100
110 0.0 17.5 52.6#
77 0.6 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.840 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

Tgt Ion: 117 Resp: 4353
Ion Ratio Lower Upper
117 100
119 11.6 75.6 113.4#
121 0.0 24.8 37.2#

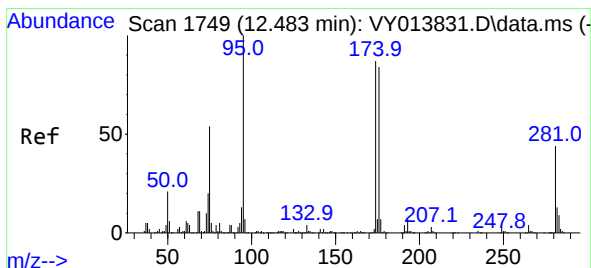
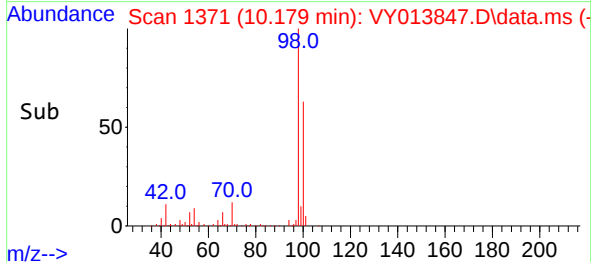
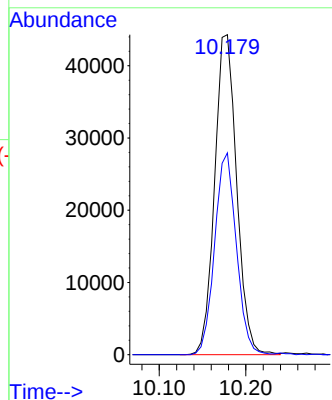
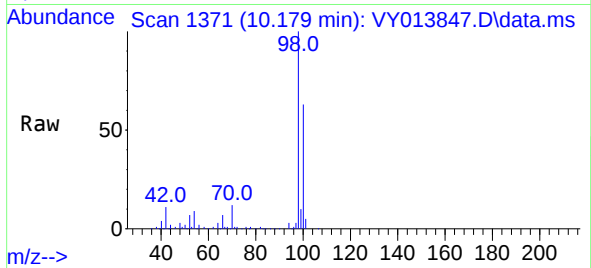




#50
Toluene-d8
Concen: 47.909 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

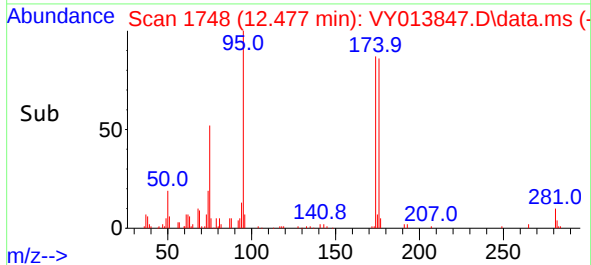
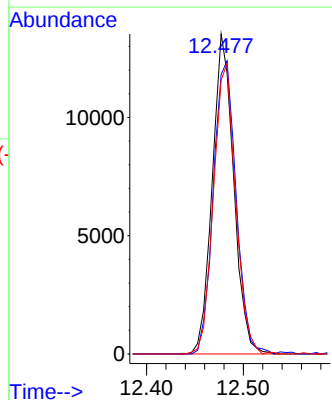
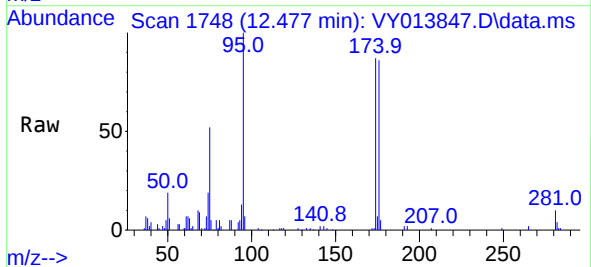
Instrument :
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ClientSampleId :
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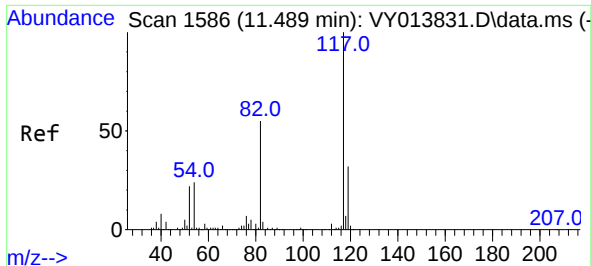
Tgt Ion: 98 Resp: 78353
Ion Ratio Lower Upper
98 100
100 62.0 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 38.188 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

Tgt Ion: 95 Resp: 20760
Ion Ratio Lower Upper
95 100
174 97.3 0.0 176.0
176 93.7 0.0 170.2

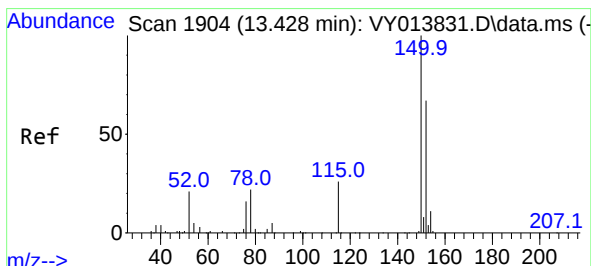
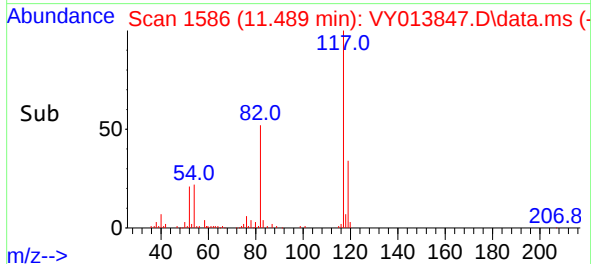
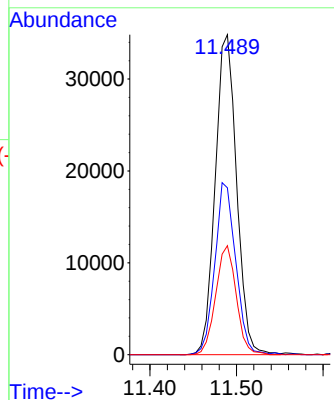
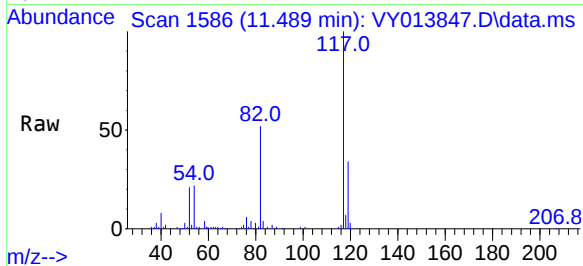




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

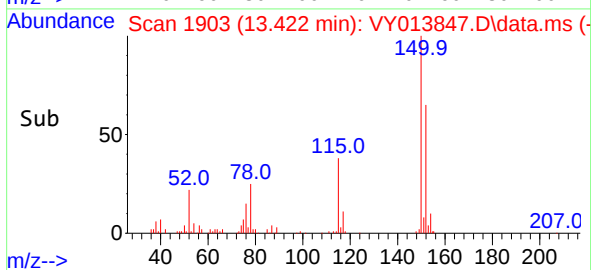
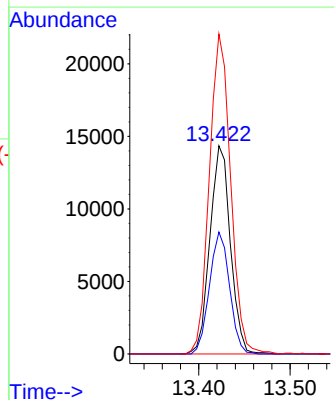
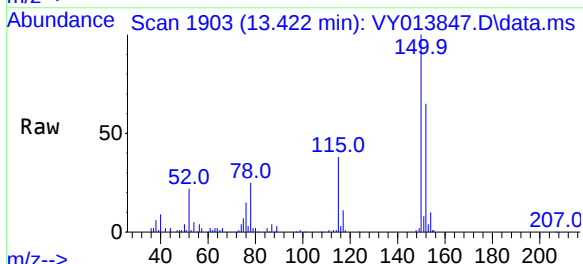
Instrument :
MSVOA_Y
ClientSampleId :
SB06A

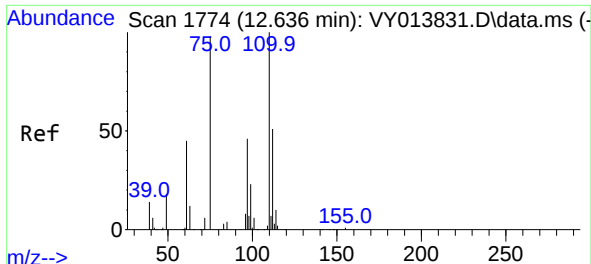
Tgt Ion:	117	Resp:	59715
Ion Ratio	Lower	Upper	
117	100		
82	52.1	44.2	66.4
119	34.0	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

Tgt Ion:	152	Resp:	22334
Ion Ratio	Lower	Upper	
152	100		
115	57.3	28.8	86.5
150	159.4	0.0	353.4

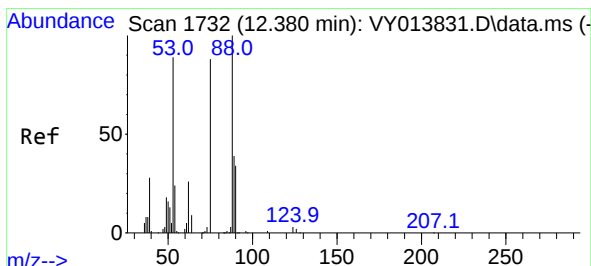
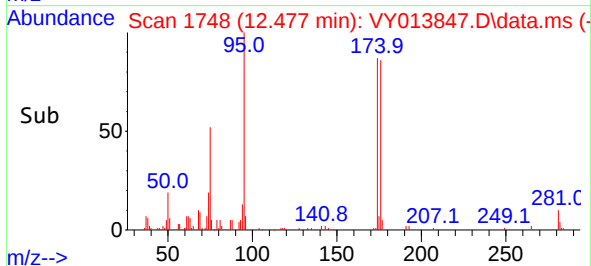
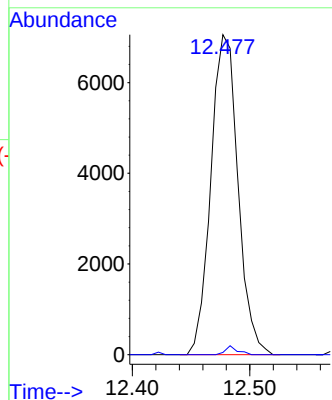
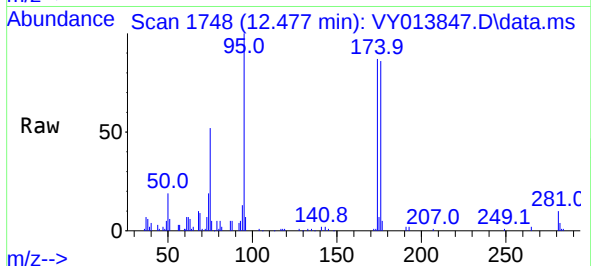




#76
1,2,3-Trichloropropane
Concen: 43.000 ug/l
RT: 12.477 min Scan# 1774
Delta R.T. -0.159 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

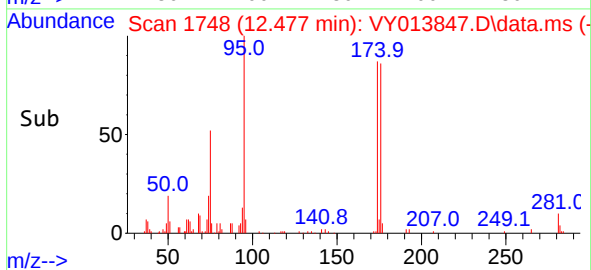
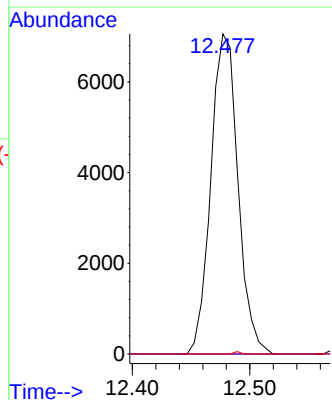
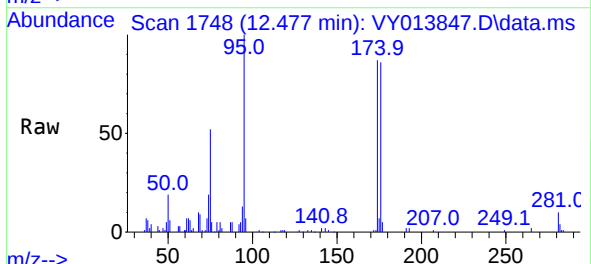
Instrument :
MSVOA_Y
ClientSampleId :
SB06A

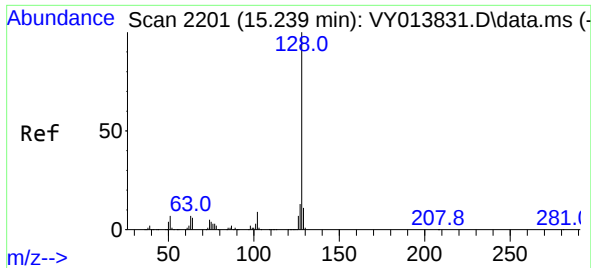
Tgt Ion: 75 Resp: 11324
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.340 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

Tgt Ion: 75 Resp: 11324
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.2 36.4 54.6#





#95
Naphthalene
Concen: 4.819 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013847.D
Acq: 24 May 2023 15:35

Instrument :
MSVOA_Y
ClientSampleId :
SB06A

Tgt Ion:	128	Resp:	283
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	9.0	13.4#

