

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013880.D
 Acq On : 25 May 2023 17:57
 Operator : KP/MD
 Sample : 02908-06RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP01RE

Quant Time: May 26 04:35:03 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)

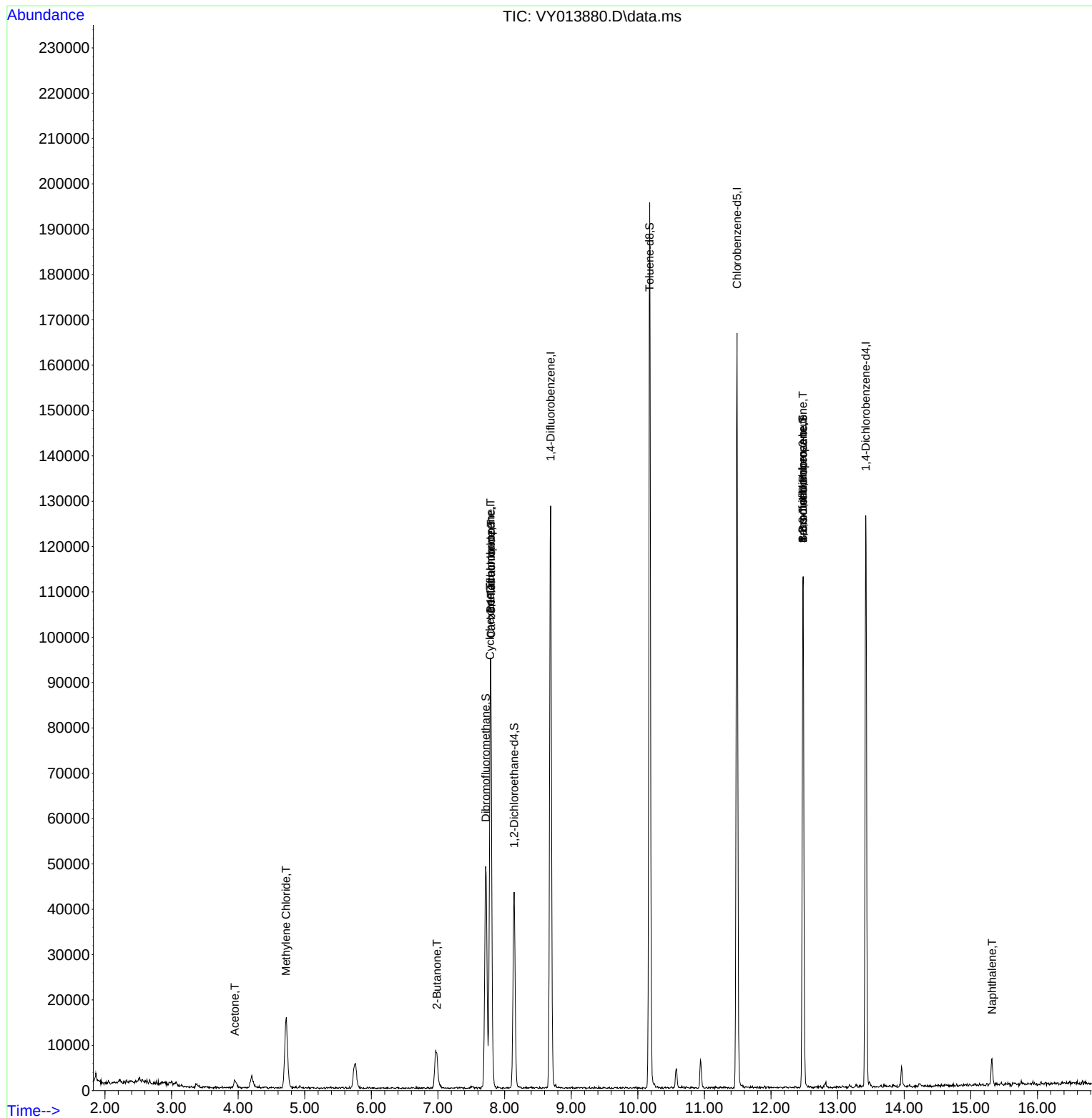
Internal Standards						
1) Pentafluorobenzene	7.789	168	72694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	106441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	89316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	34600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	35890	42.675	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.360%		
35) Dibromofluoromethane	7.715	113	34035	49.513	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.020%		
50) Toluene-d8	10.178	98	127607	48.843	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.680%		
62) 4-Bromofluorobenzene	12.477	95	32291	37.183	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	74.360%		
Target Compounds					Qvalue	
16) Acetone	3.948	43	3223	12.912	ug/l	96
20) Methylene Chloride	4.716	84	10586	9.925	ug/l	95
25) 2-Butanone	6.984	43	605	1.986	ug/l #	49
31) Cyclohexane	7.782	56	1631	1.262	ug/l #	35
36) 1,1-Dichloropropene	7.789	75	5909	5.644	ug/l #	50
38) Carbon Tetrachloride	7.795	117	7039	5.912	ug/l #	18
71) Bromoform	12.477	173	476	1.008	ug/l #	27
76) 1,2,3-Trichloropropane	12.477	75	16376	40.139	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	16376	87.130	ug/l #	10
95) Naphthalene	15.318	128	114	4.619	ug/l #	74

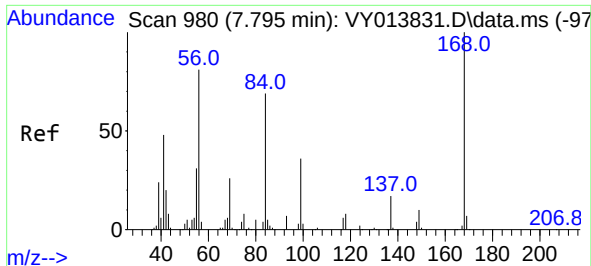
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

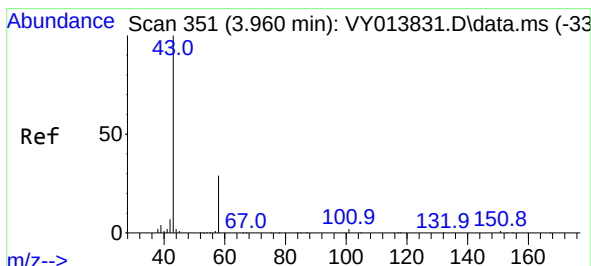
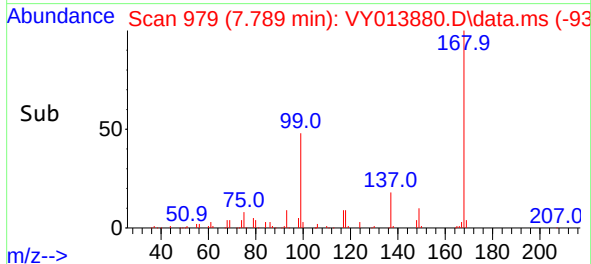
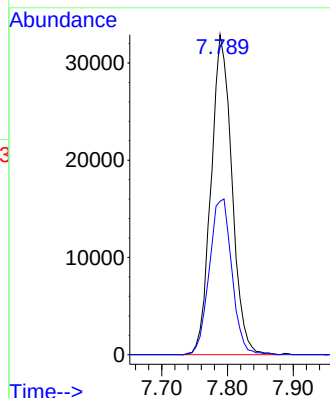
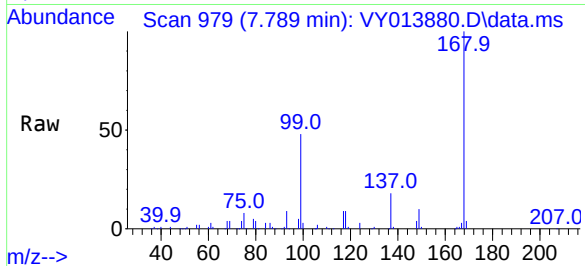




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

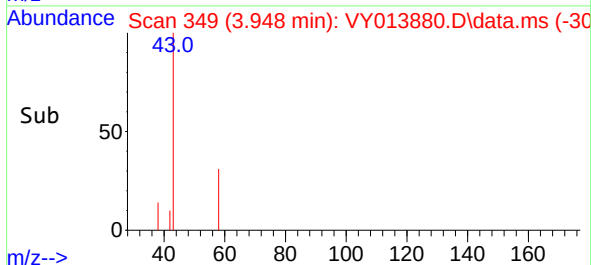
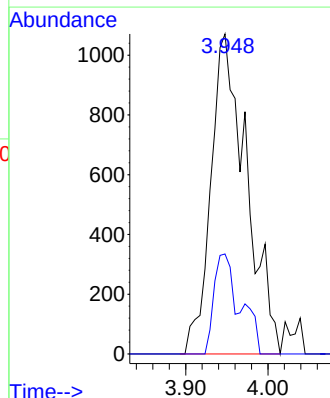
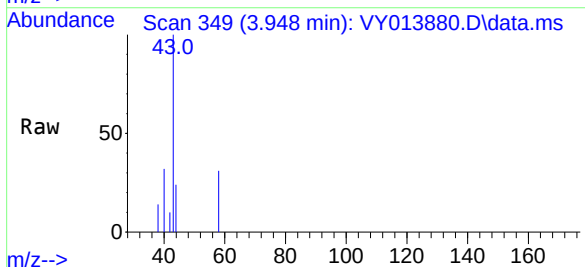
Instrument :
MSVOA_Y
ClientSampleId :
DUP01RE

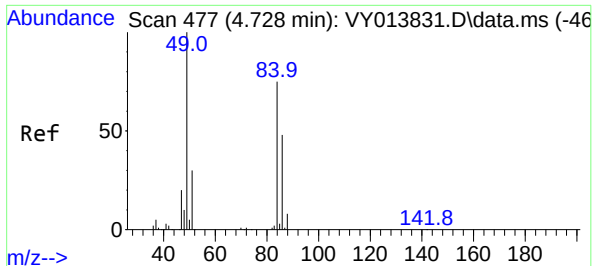
Tgt Ion:168 Resp: 72694
Ion Ratio Lower Upper
168 100
99 47.9 43.4 65.2



#16
Acetone
Concen: 12.912 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.013 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

Tgt Ion: 43 Resp: 3223
Ion Ratio Lower Upper
43 100
58 31.3 23.3 34.9



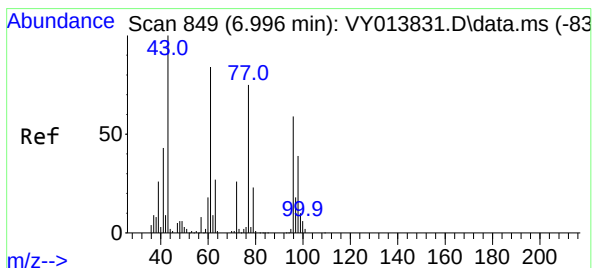
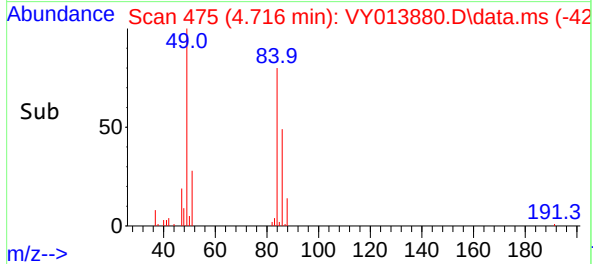
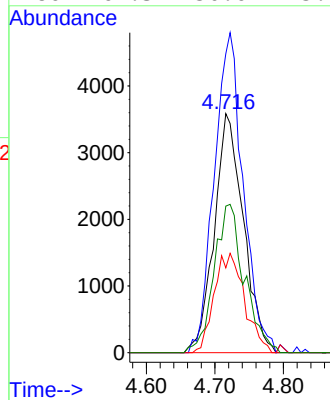
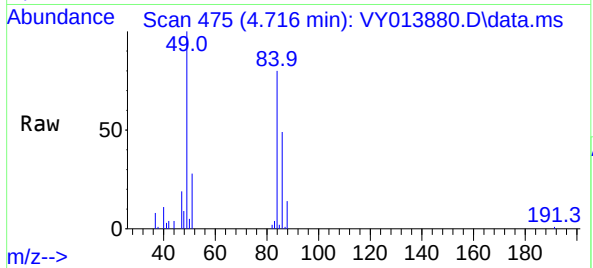


#20
Methylene Chloride
Concen: 9.925 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

Instrument :
MSVOA_Y
ClientSampleId :
DUP01RE

Tgt Ion: 84 Resp: 10586

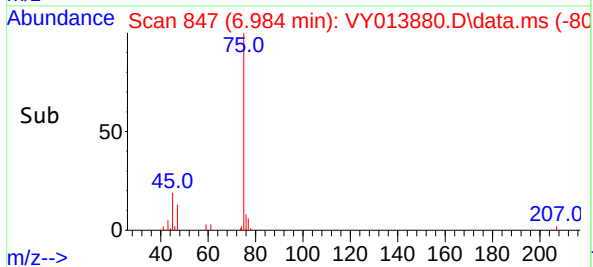
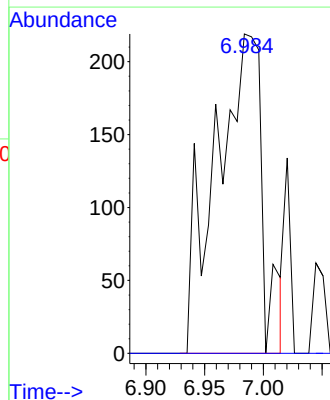
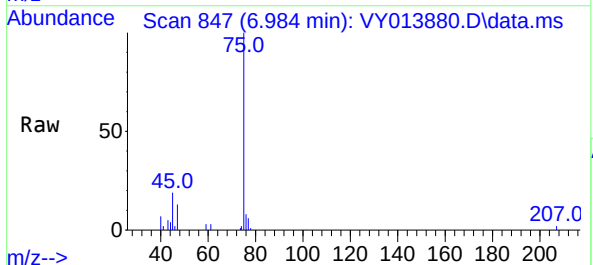
Ion	Ratio	Lower	Upper
84	100		
49	125.1	106.2	159.2
51	35.5	31.4	47.0
86	61.3	50.6	75.8

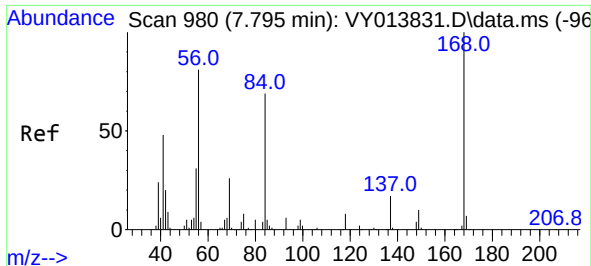


#25
2-Butanone
Concen: 1.986 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.013 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

Tgt Ion: 43 Resp: 605

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#

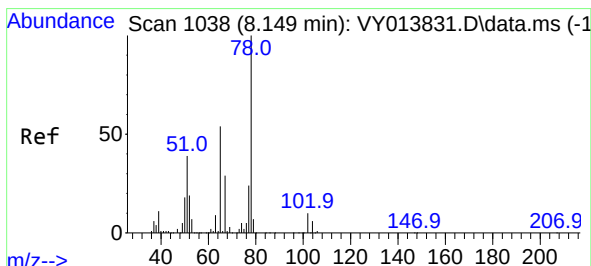
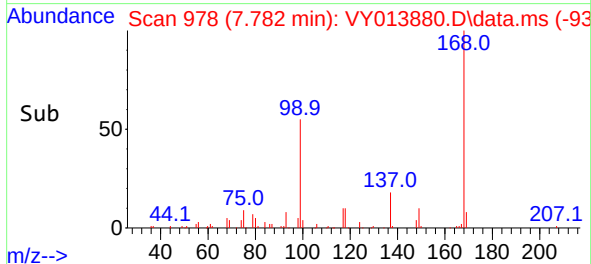
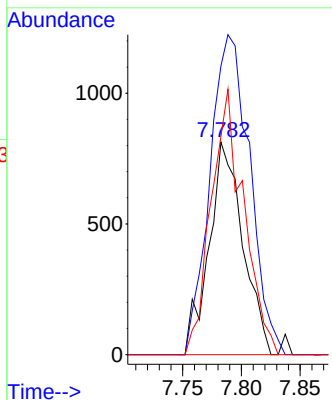
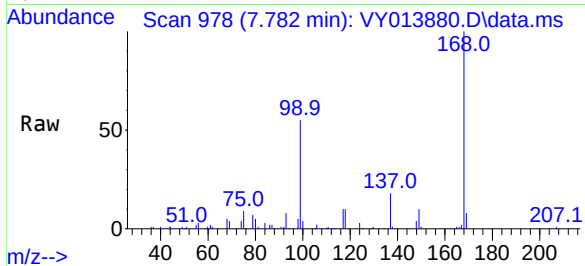




#31
Cyclohexane
Concen: 1.262 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

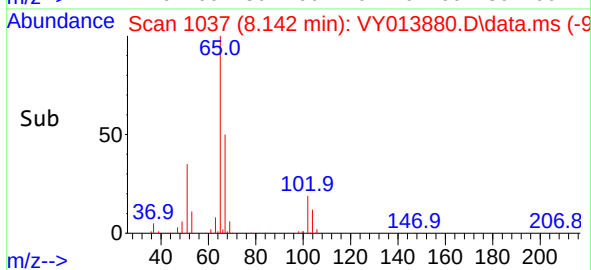
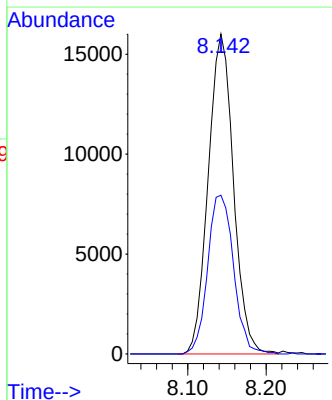
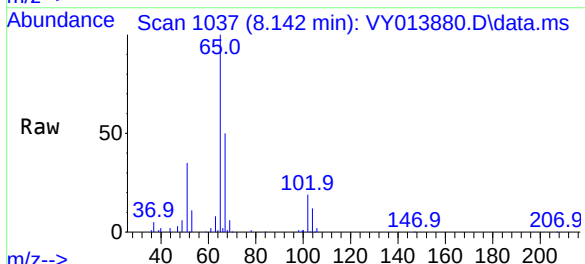
Instrument :
MSVOA_Y
ClientSampleId :
DUP01RE

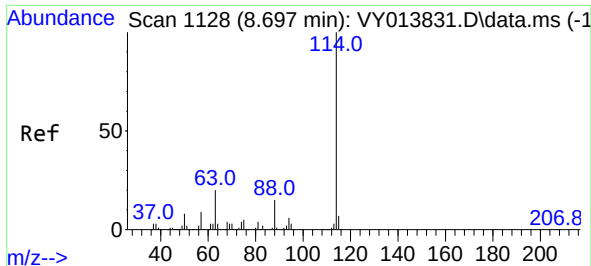
Tgt Ion: 56 Resp: 1631
Ion Ratio Lower Upper
56 100
69 135.8 25.8 38.8#
84 102.6 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 42.675 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

Tgt Ion: 65 Resp: 35890
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4

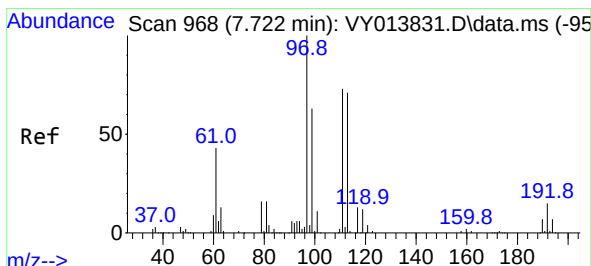
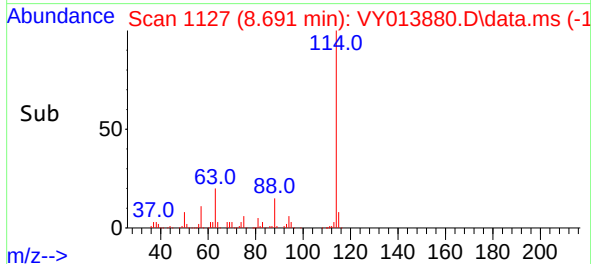
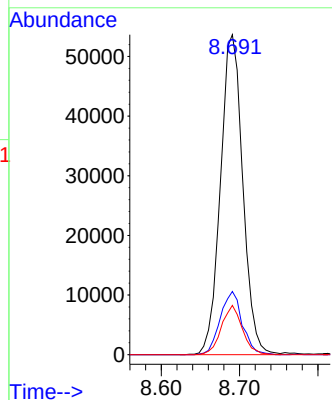
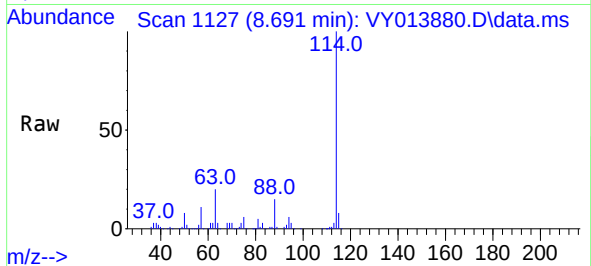




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

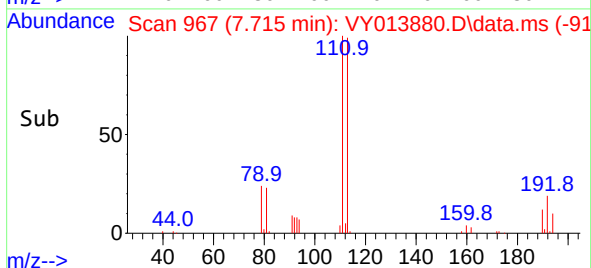
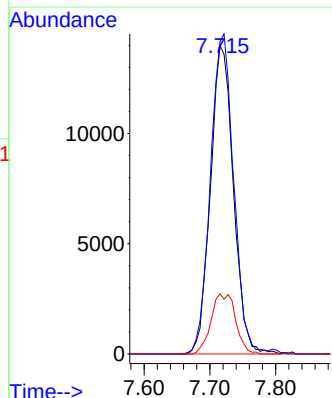
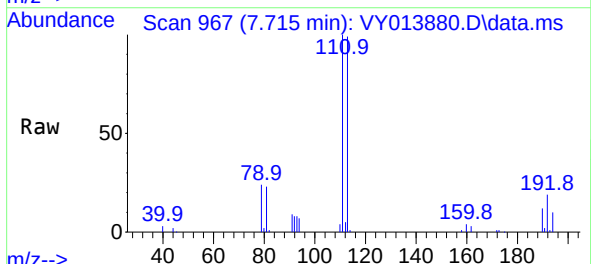
Instrument :
MSVOA_Y
ClientSampleId :
DUP01RE

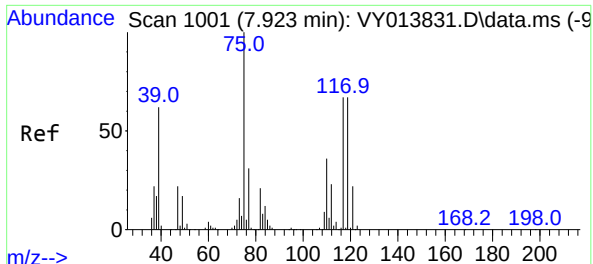
Tgt Ion:114 Resp: 106441
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.2
88 15.4 0.0 30.0



#35
Dibromofluoromethane
Concen: 49.513 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

Tgt Ion:113 Resp: 34035
Ion Ratio Lower Upper
113 100
111 104.5 80.4 120.6
192 20.8 16.6 25.0

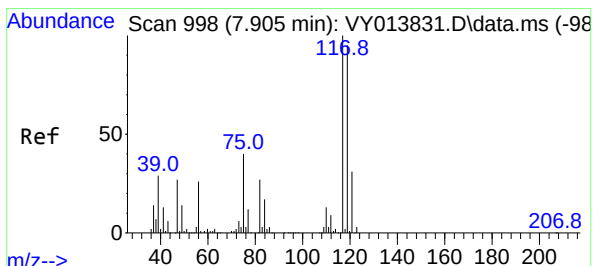
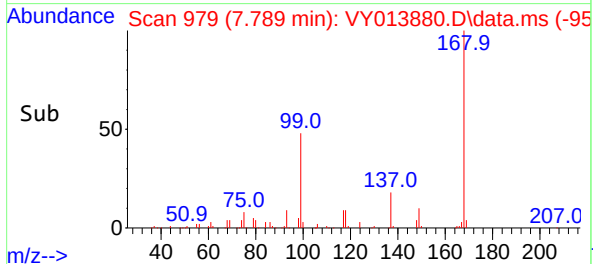
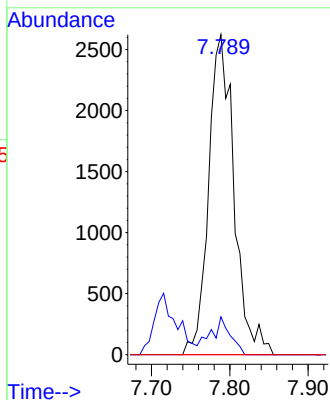
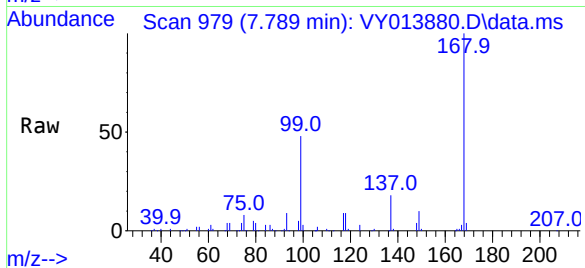




#36
1,1-Dichloropropene
Concen: 5.644 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

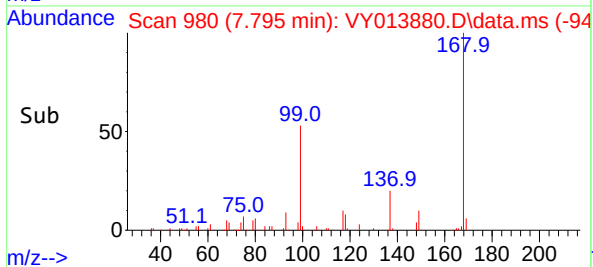
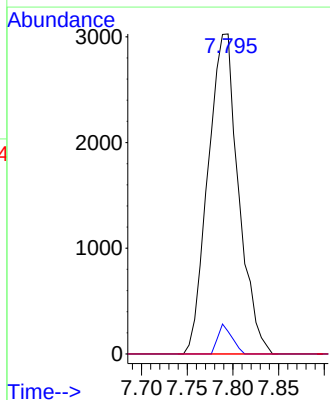
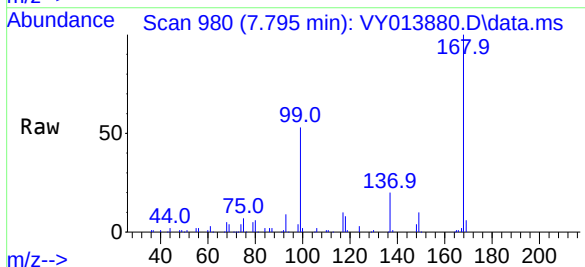
Instrument :
MSVOA_Y
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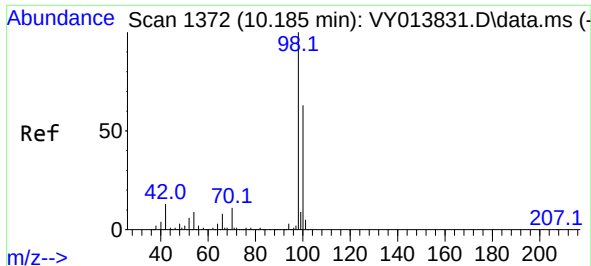
Tgt Ion: 75 Resp: 5909
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.6#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.912 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

Tgt Ion: 117 Resp: 7039
Ion Ratio Lower Upper
117 100
119 7.0 75.6 113.4#
121 0.0 24.8 37.2#

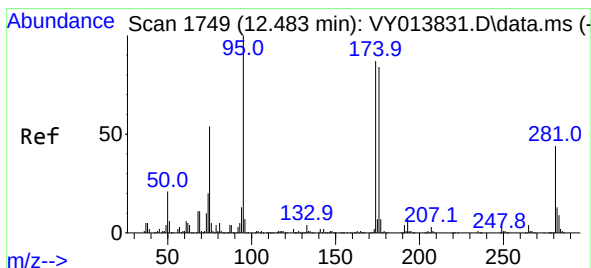
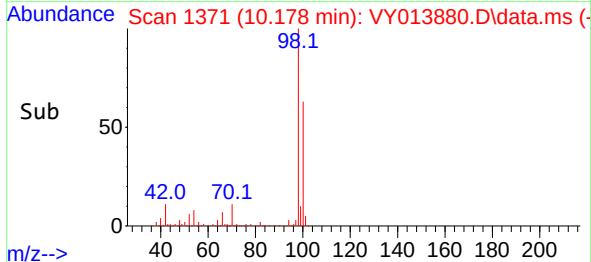
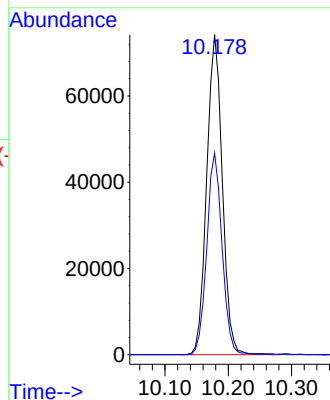
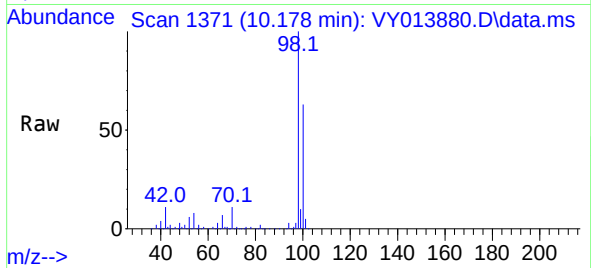




#50
Toluene-d8
Concen: 48.843 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

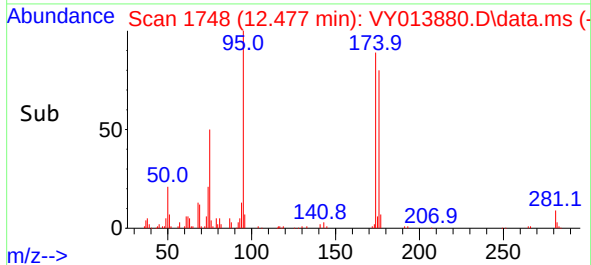
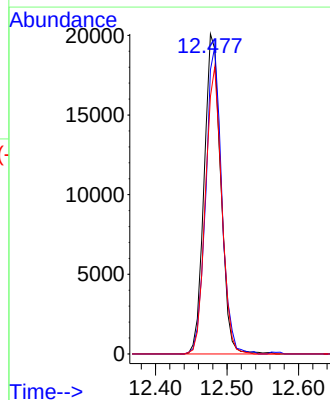
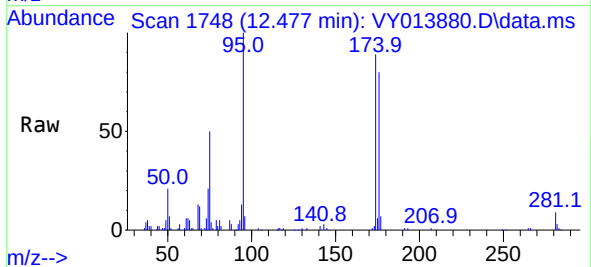
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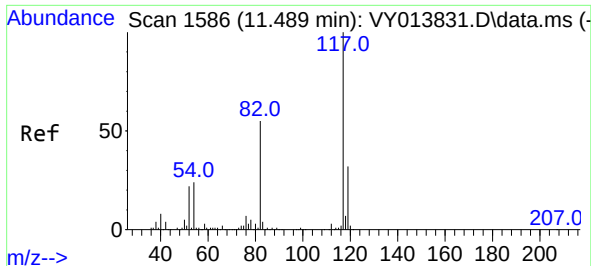
Tgt Ion: 98 Resp: 127607
Ion Ratio Lower Upper
98 100
100 61.8 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 37.183 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

Tgt Ion: 95 Resp: 32291
Ion Ratio Lower Upper
95 100
174 92.9 0.0 176.0
176 87.7 0.0 170.2

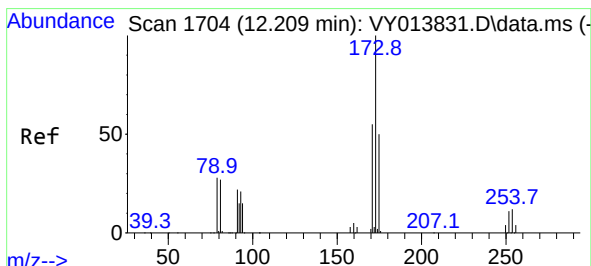
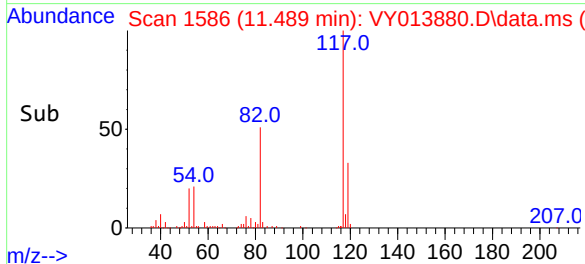
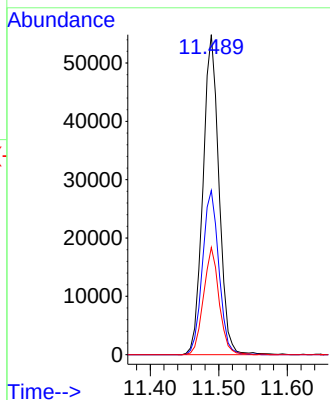
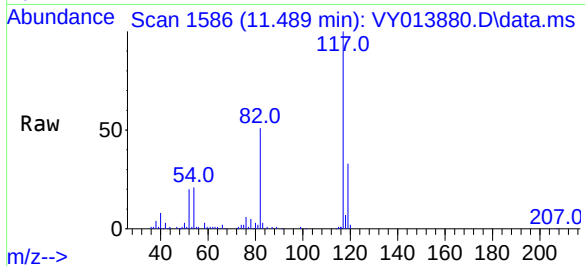




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

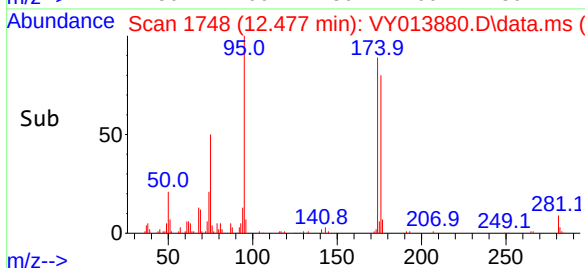
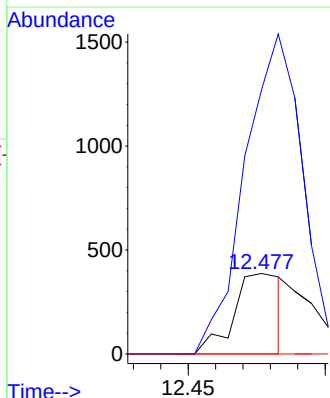
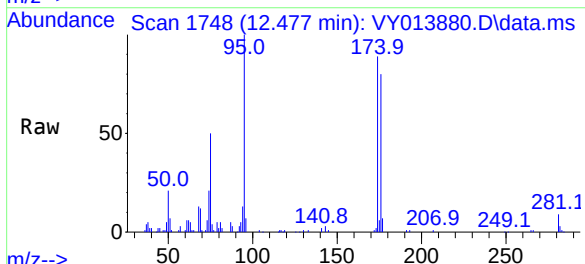
Instrument :
MSVOA_Y
ClientSampleId :
DUP01RE

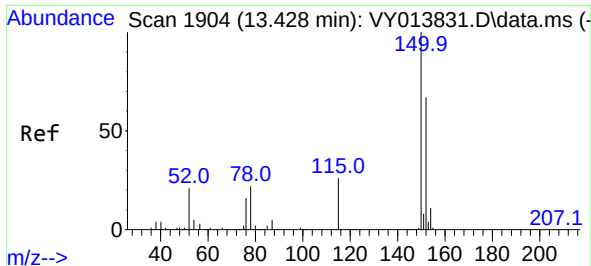
Tgt Ion:	117	Resp:	89316
Ion	Ratio	Lower	Upper
117	100		
82	51.3	44.2	66.4
119	33.5	25.7	38.5



#71
Bromoform
Concen: 1.008 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.268 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

Tgt Ion:	173	Resp:	476
Ion	Ratio	Lower	Upper
173	100		
175	0.0	25.1	75.4#
254	0.0	0.1	0.1#

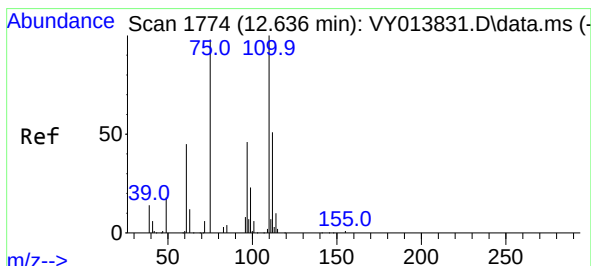
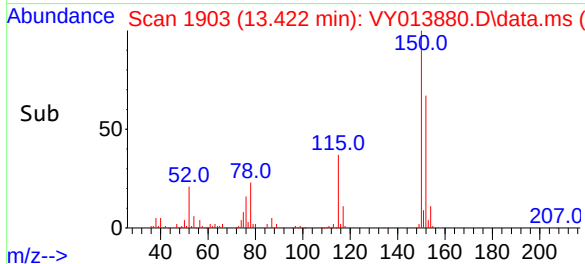
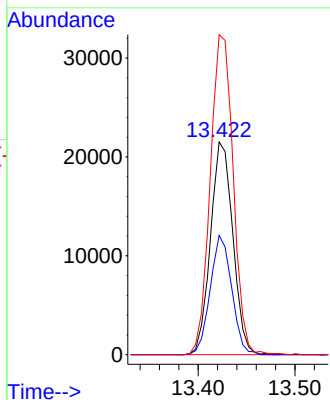
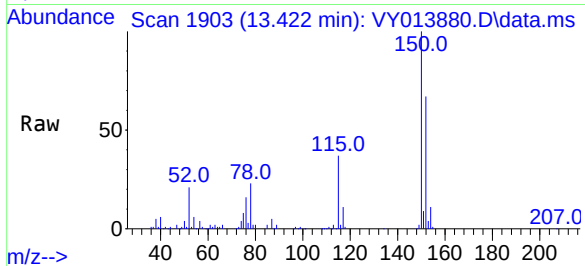




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

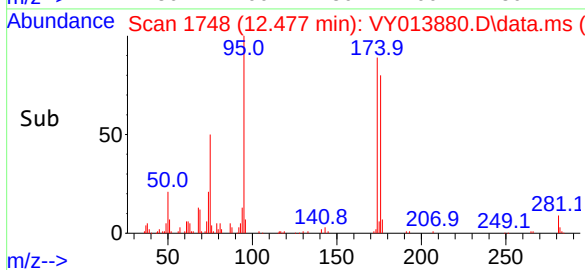
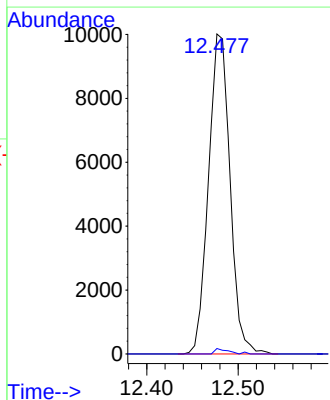
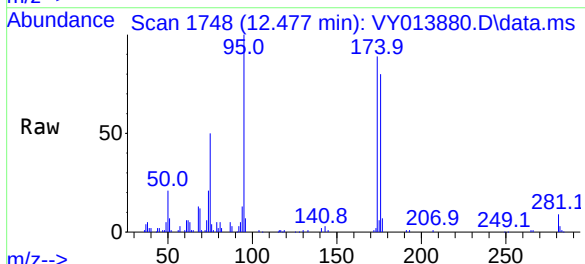
Instrument :
MSVOA_Y
ClientSampleId :
DUP01RE

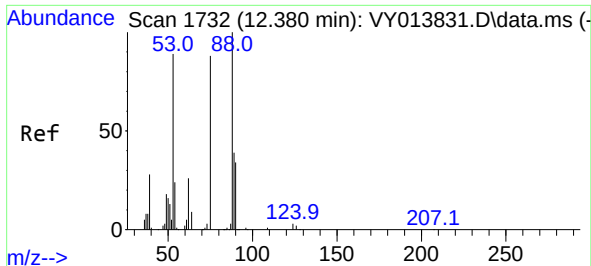
Tgt Ion:152 Resp: 34600
Ion Ratio Lower Upper
152 100
115 53.8 28.8 86.5
150 154.3 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 40.139 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

Tgt Ion: 75 Resp: 16376
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

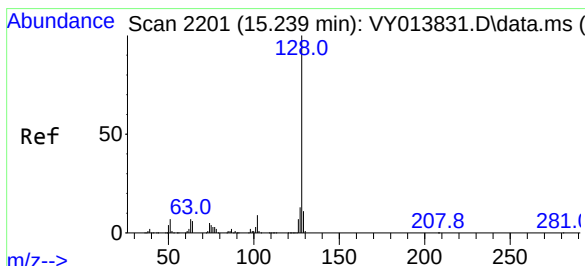
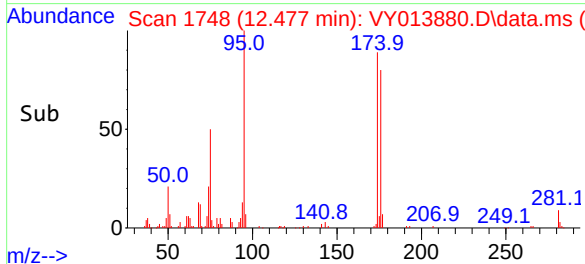
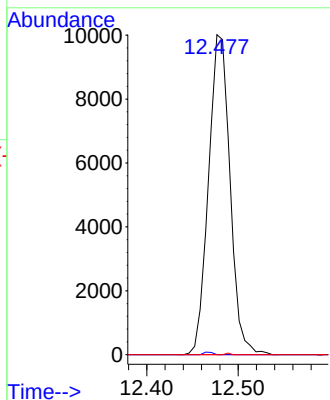
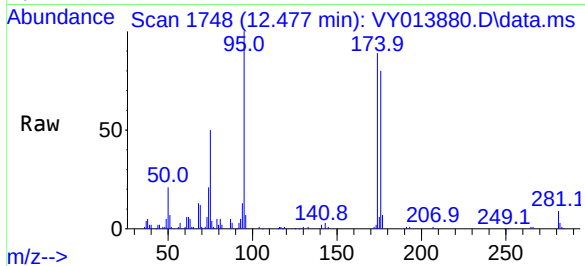




#81
trans-1,4-Dichloro-2-butene
Concen: 87.130 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

Instrument :
MSVOA_Y
ClientSampleId :
DUP01RE

Tgt Ion: 75 Resp: 16376
Ion Ratio Lower Upper
75 100
53 0.3 79.7 119.5#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 4.619 ug/l
RT: 15.318 min Scan# 2214
Delta R.T. 0.079 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

Tgt Ion: 128 Resp: 114
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 17.5 9.0 13.4#

