

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013693.D
 Acq On : 10 May 2023 17:17
 Operator : KP/MD
 Sample : 02719-01
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04_0-2_20230509

Quant Time: May 11 03:30:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

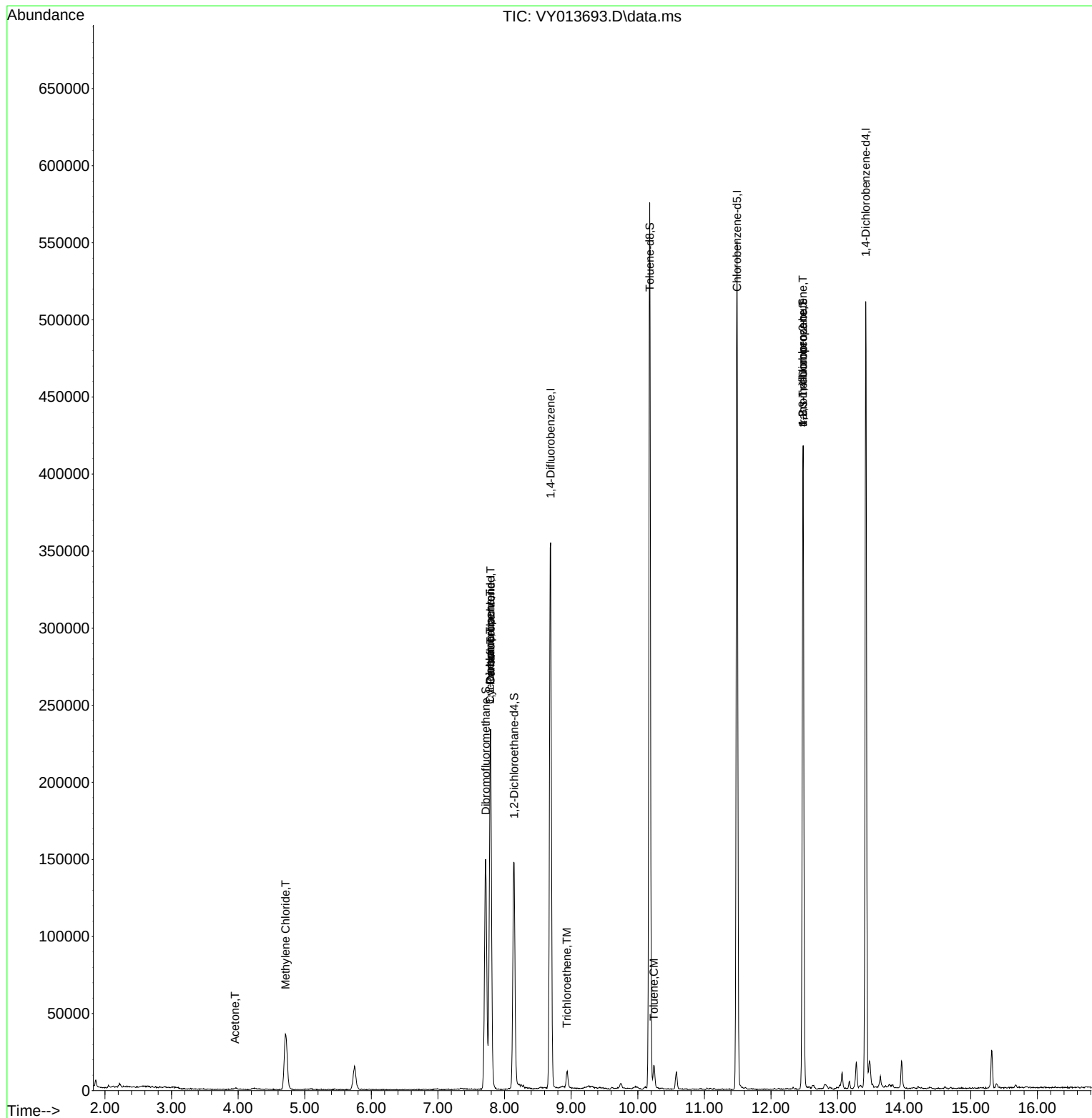
Internal Standards						
1) Pentafluorobenzene	7.789	168	178989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	299096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	289252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	122157	62.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.520%	
35) Dibromofluoromethane	7.716	113	103036	54.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.540%	
50) Toluene-d8	10.179	98	374968	56.031	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.060%	
62) 4-Bromofluorobenzene	12.477	95	114994	50.971	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.940%	
Target Compounds						
					Qvalue	
13) Acrolein	3.936	56	20	Below Cal	#	16
16) Acetone	3.954	43	1676	2.169	ug/l	89
20) Methylene Chloride	4.710	84	26828	3.571	ug/l	92
31) Cyclohexane	7.783	56	4024	1.145	ug/l #	47
36) 1,1-Dichloropropene	7.783	75	14897	4.772	ug/l #	48
38) Carbon Tetrachloride	7.789	117	18020	5.507	ug/l #	14
44) Trichloroethene	8.935	130	3400	1.453	ug/l	97
52) Toluene	10.240	92	5821	1.100	ug/l	99
76) 1,2,3-Trichloropropane	12.477	75	62728	35.482	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62728	72.579	ug/l #	13

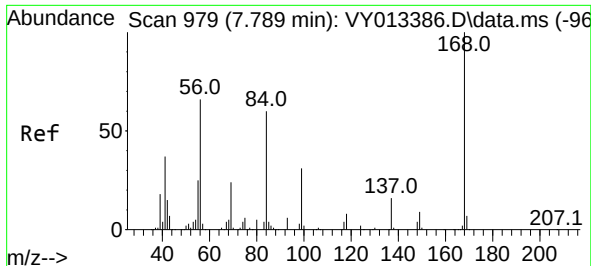
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
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ClientSampleId :
SB-04_0-2_20230509

Quant Time: May 11 03:30:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

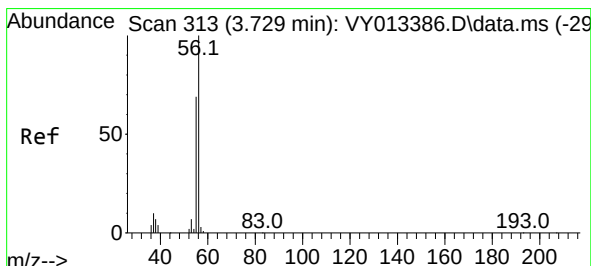
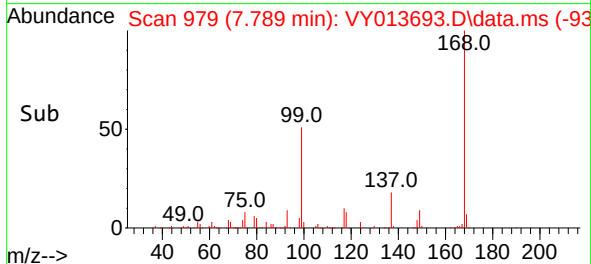
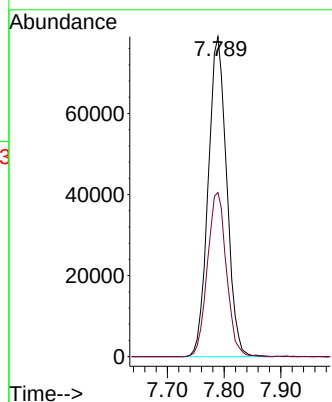
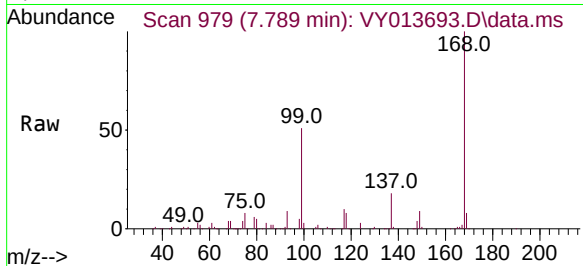




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

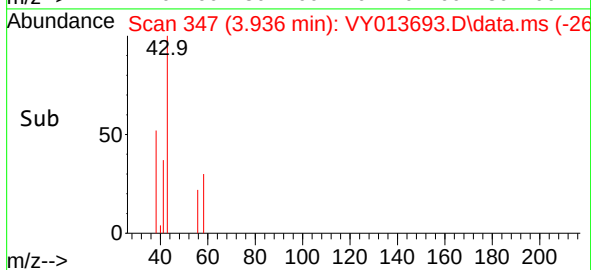
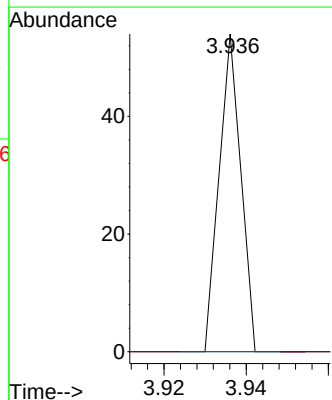
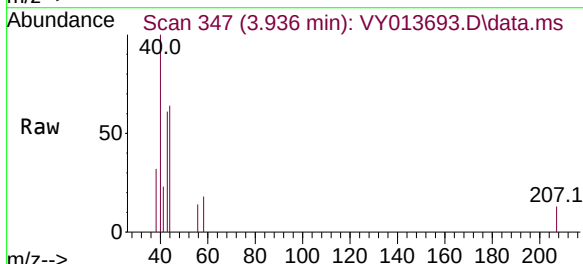
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509

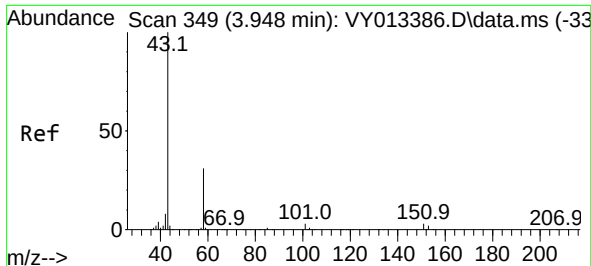
Tgt Ion:168 Resp: 178989
Ion Ratio Lower Upper
168 100
99 51.3 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.936 min Scan# 347
Delta R.T. 0.207 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

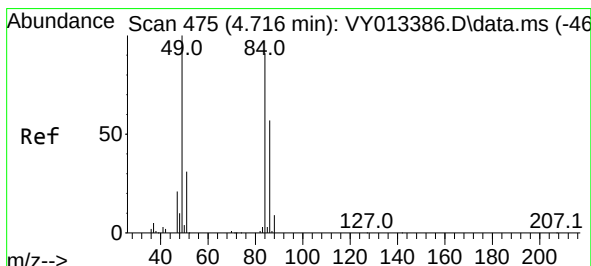
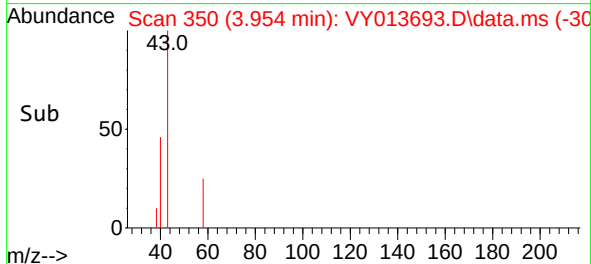
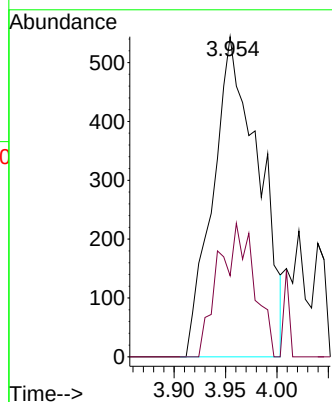
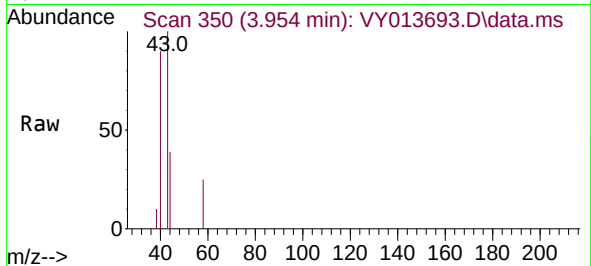




#16
Acetone
Concen: 2.169 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

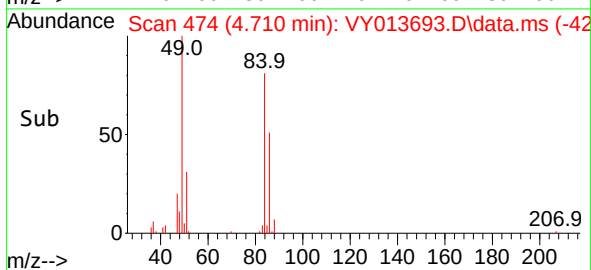
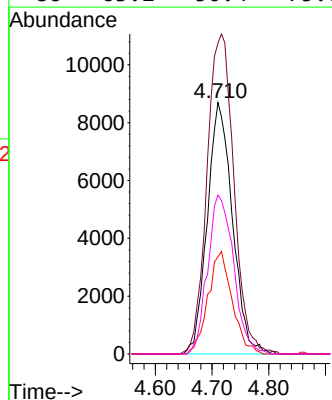
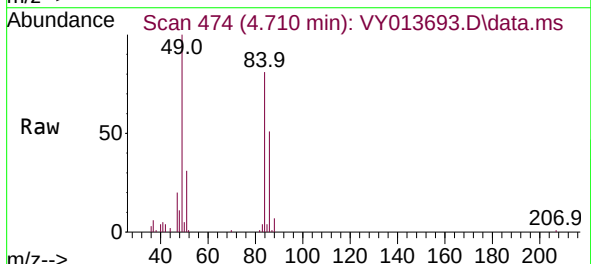
Instrument :
MSVOA_Y
ClientSampleId :
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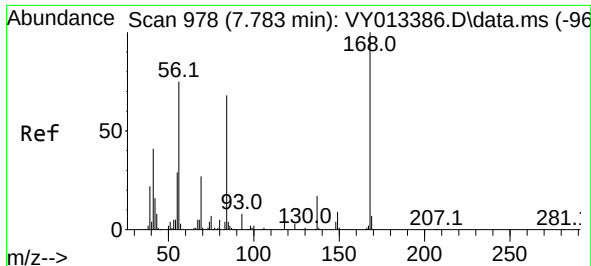
Tgt Ion: 43 Resp: 1676
Ion Ratio Lower Upper
43 100
58 25.4 25.4 38.0



#20
Methylene Chloride
Concen: 3.571 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

Tgt Ion: 84 Resp: 26828
Ion Ratio Lower Upper
84 100
49 123.7 88.0 132.0
51 38.7 27.4 41.0
86 63.2 50.4 75.6

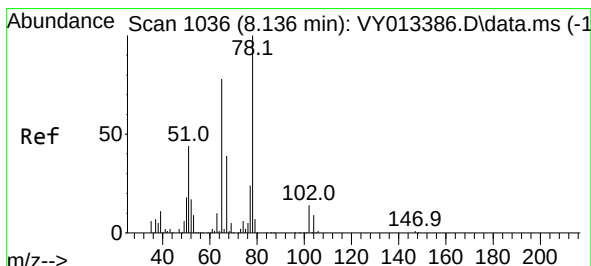
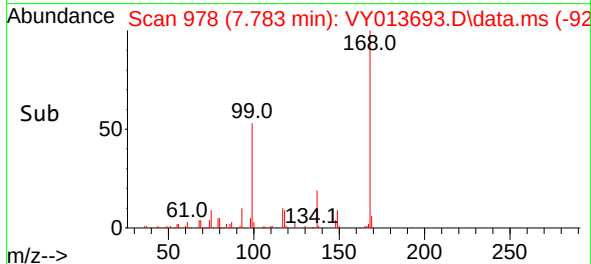
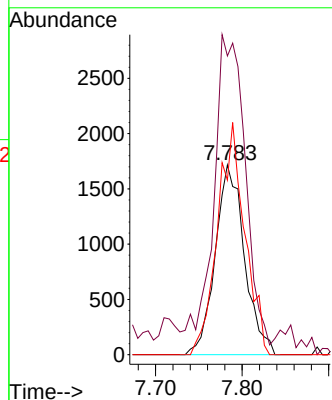
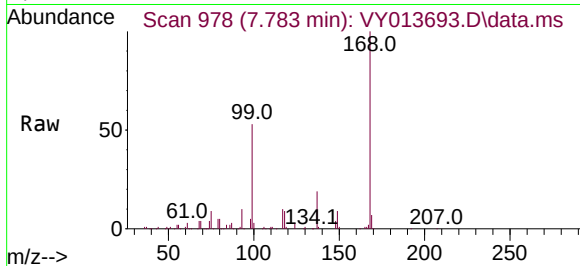




#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

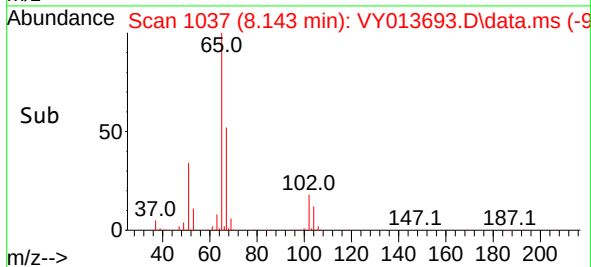
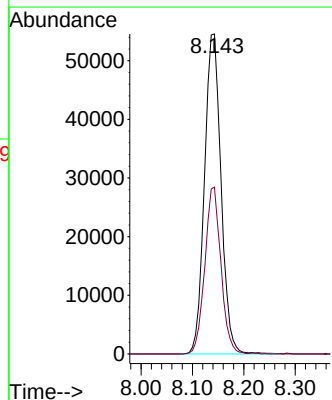
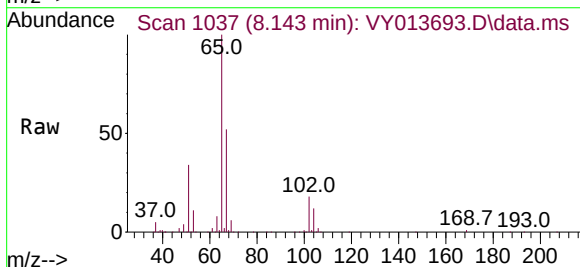
Instrument :
MSVOA_Y
ClientSampleId :
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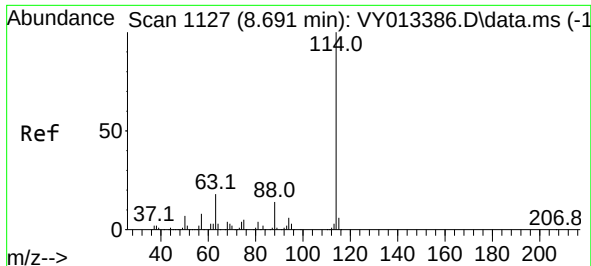
Tgt Ion: 56 Resp: 4024
Ion Ratio Lower Upper
56 100
69 145.4 29.2 43.8#
84 92.0 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 62.258 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

Tgt Ion: 65 Resp: 122157
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4

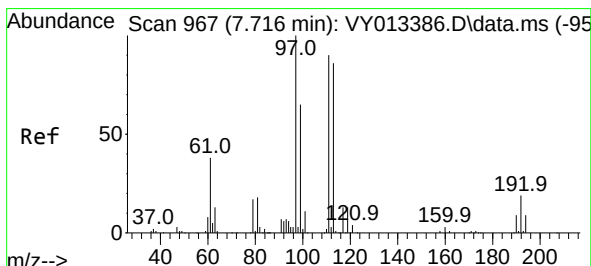
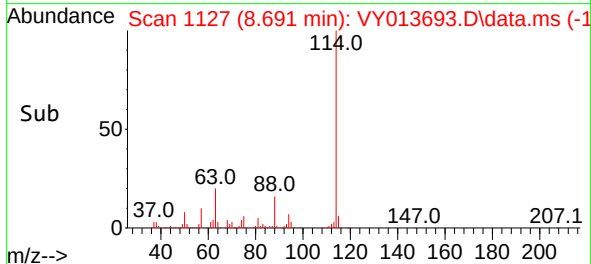
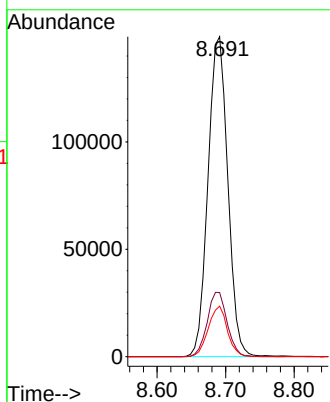
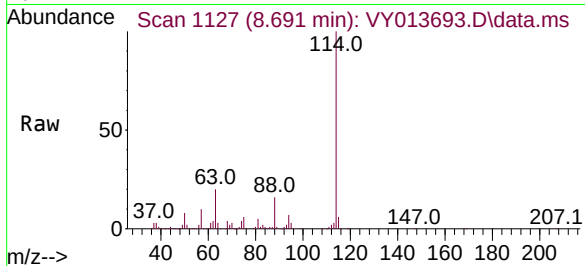




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

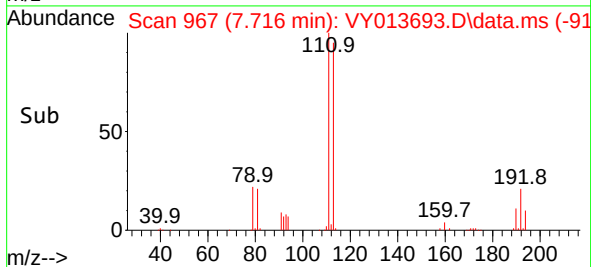
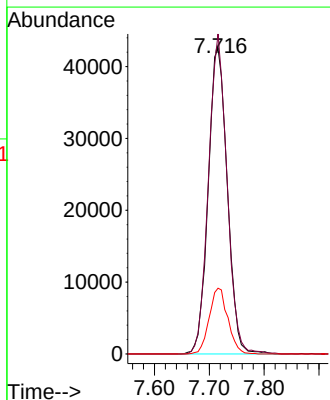
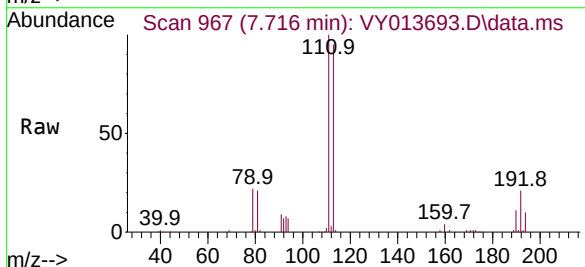
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509

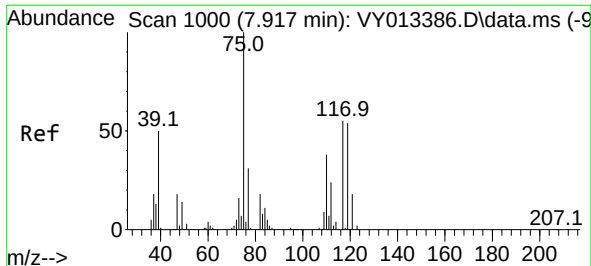
Tgt Ion:114	Resp:	299096
Ion	Ratio	Lower Upper
114	100	
63	20.1	0.0 36.6
88	15.8	0.0 28.8



#35
Dibromofluoromethane
Concen: 54.772 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

Tgt Ion:113	Resp:	103036
Ion	Ratio	Lower Upper
113	100	
111	101.4	82.2 123.2
192	20.9	16.7 25.1

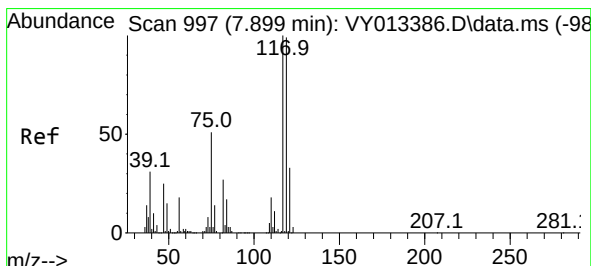
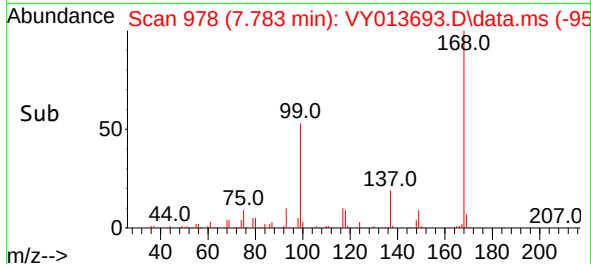
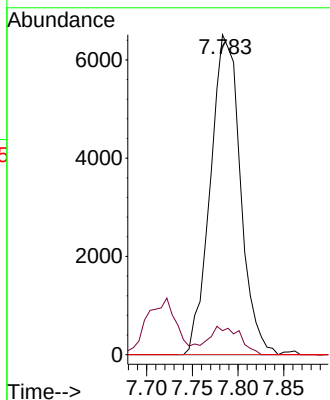
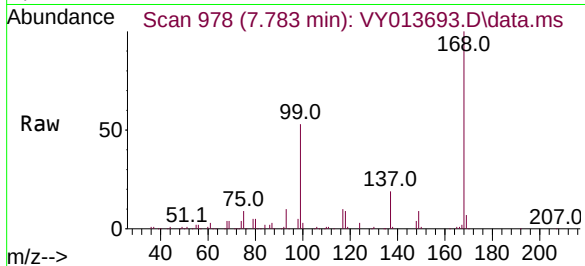




#36
1,1-Dichloropropene
Concen: 4.772 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.134 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

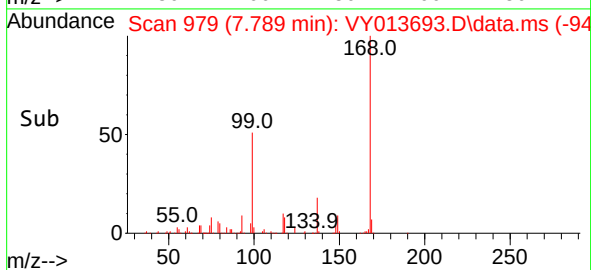
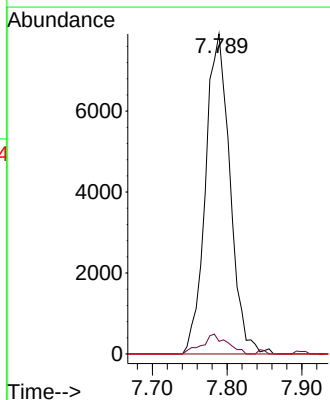
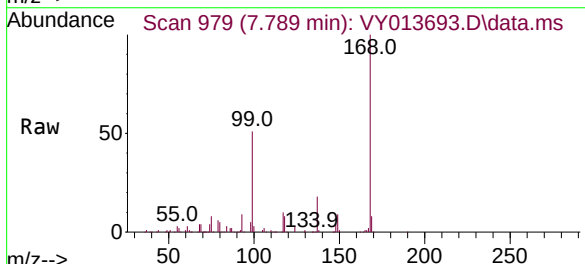
Instrument :
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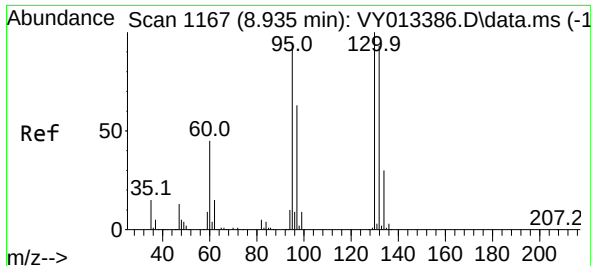
Tgt Ion: 75 Resp: 14897
Ion Ratio Lower Upper
75 100
110 8.8 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

Tgt Ion: 117 Resp: 18020
Ion Ratio Lower Upper
117 100
119 4.0 79.0 118.6#
121 0.0 26.6 40.0#

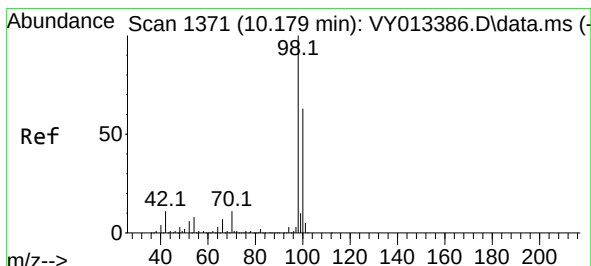
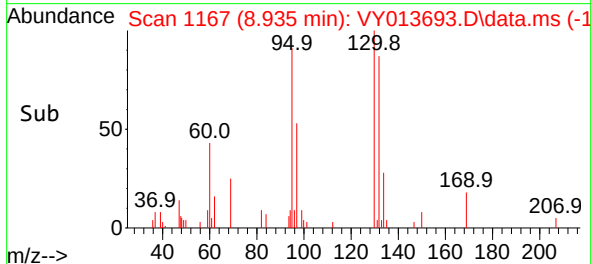
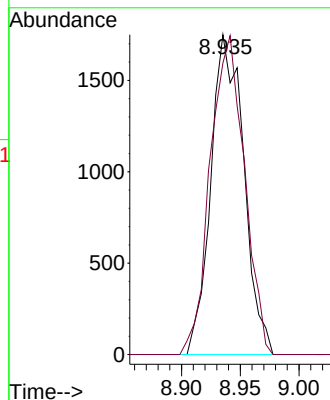
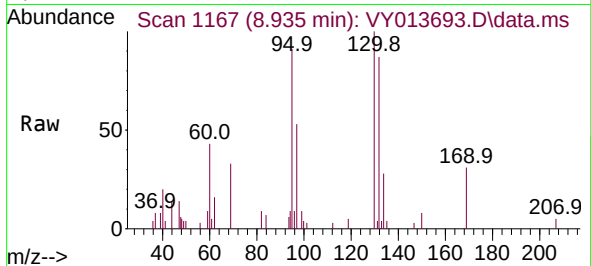




#44
Trichloroethene
Concen: 1.453 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

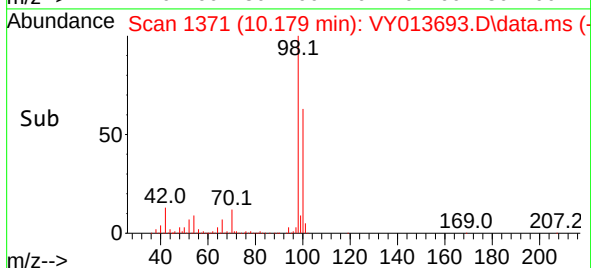
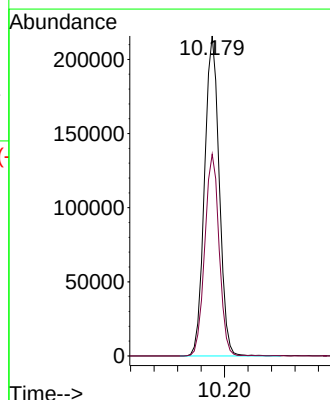
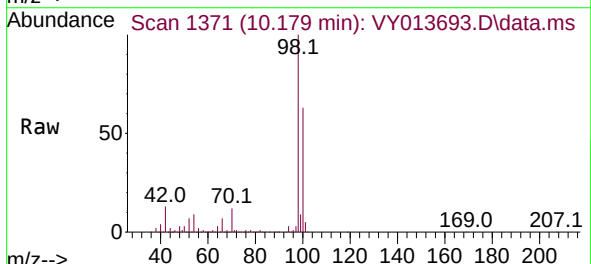
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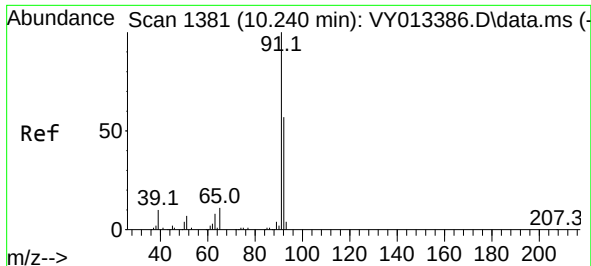
Tgt Ion:130 Resp: 3400
Ion Ratio Lower Upper
130 100
95 91.1 0.0 188.8



#50
Toluene-d8
Concen: 56.031 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

Tgt Ion: 98 Resp: 374968
Ion Ratio Lower Upper
98 100
100 61.7 50.5 75.7

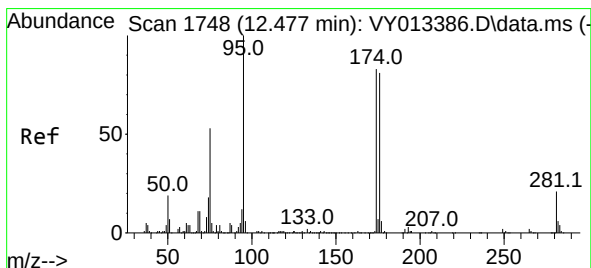
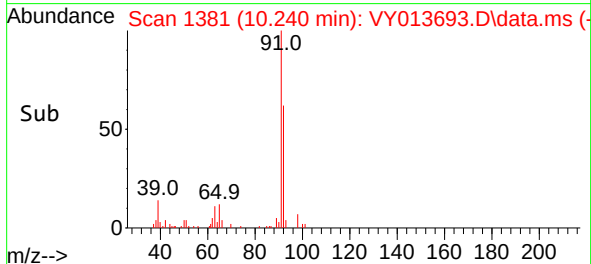
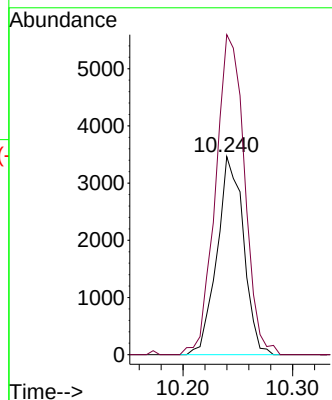
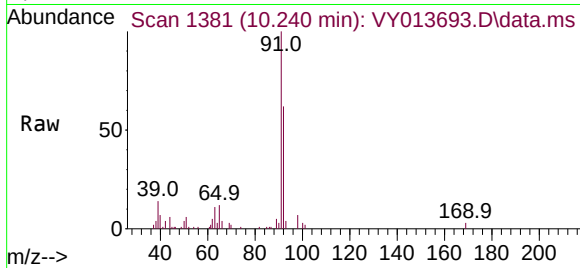




#52
Toluene
Concen: 1.100 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

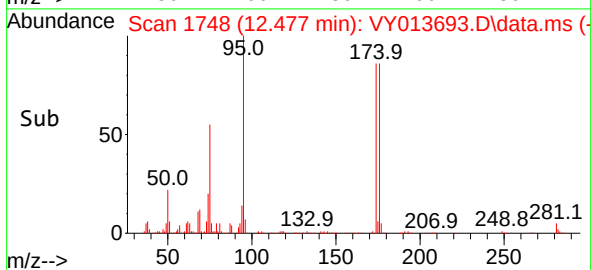
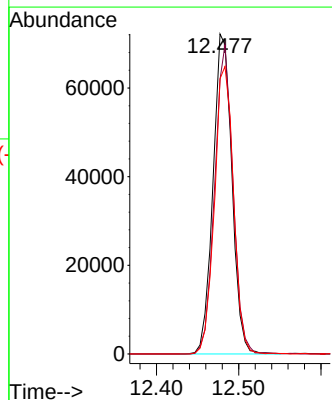
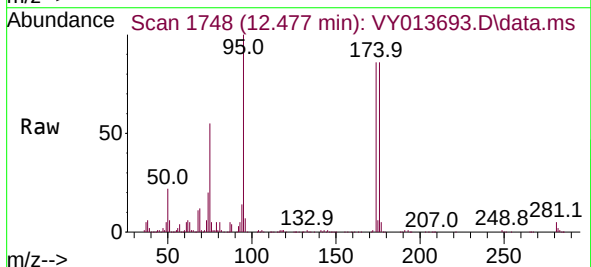
Instrument :
MSVOA_Y
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SB-04_0-2_20230509

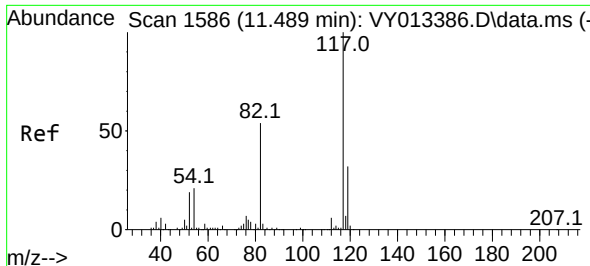
Tgt Ion: 92 Resp: 5821
Ion Ratio Lower Upper
92 100
91 176.5 140.2 210.4



#62
4-Bromofluorobenzene
Concen: 50.971 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

Tgt Ion: 95 Resp: 114994
Ion Ratio Lower Upper
95 100
174 93.8 0.0 182.0
176 90.5 0.0 175.4

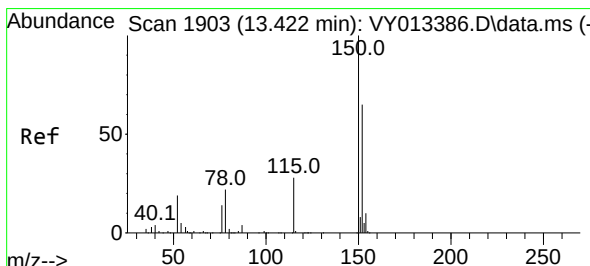
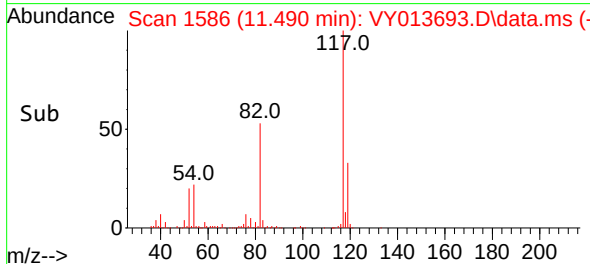
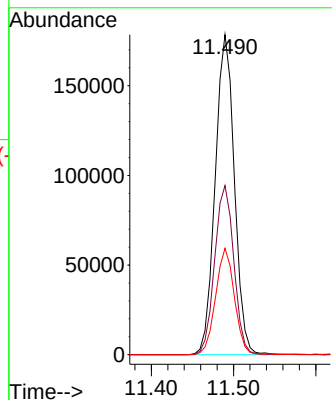
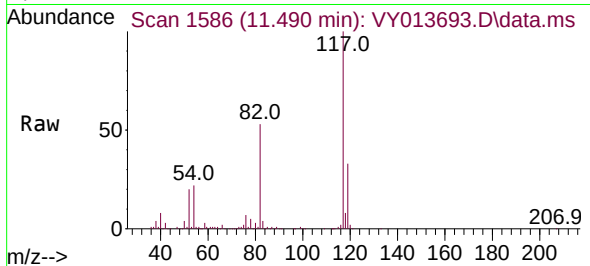




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

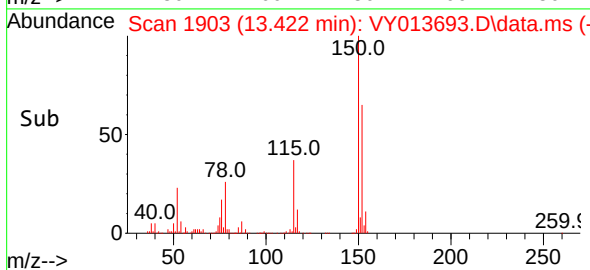
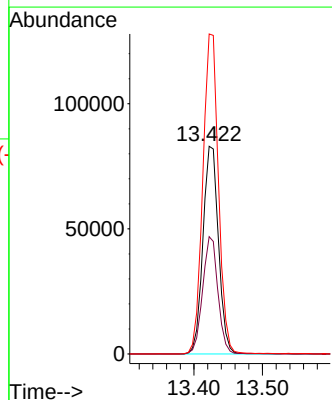
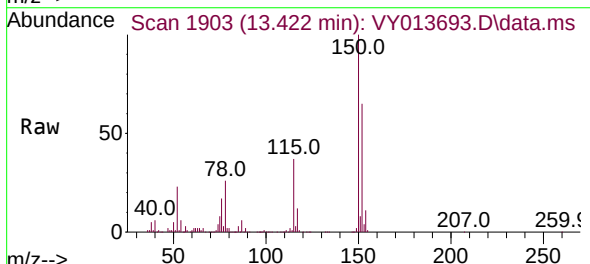
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509

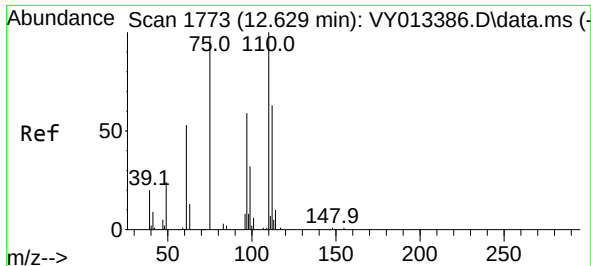
Tgt Ion:117 Resp: 289252
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.6
119 33.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

Tgt Ion:152 Resp: 131090
Ion Ratio Lower Upper
152 100
115 55.6 28.1 84.2
150 155.2 0.0 352.0

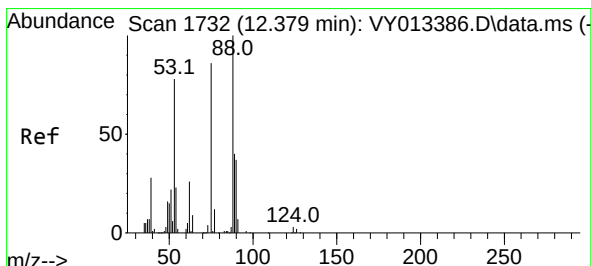
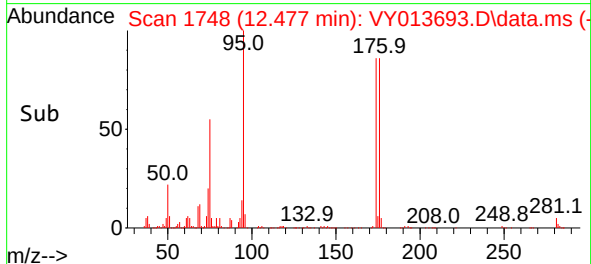
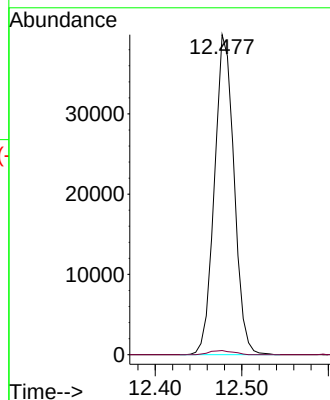
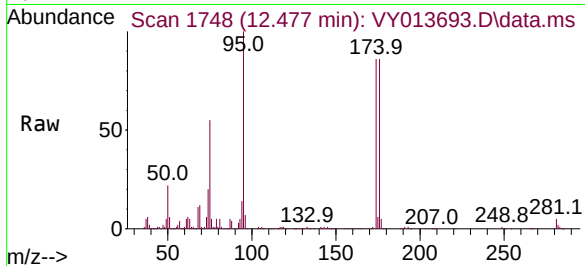




#76
1,2,3-Trichloropropane
Concen: 35.482 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509

Tgt Ion: 75 Resp: 62728
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.579 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

Tgt Ion: 75 Resp: 62728
Ion Ratio Lower Upper
75 100
53 0.4 73.2 109.8#
89 0.1 38.0 57.0#

