

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022223\
 Data File : VY012690.D
 Acq On : 22 Feb 2023 14:57
 Operator : KP/MD
 Sample : 01640-02
 Misc : 4.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Feb 22 21:43:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	16303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	24615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	19285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	8115	42.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.300%
35) Dibromofluoromethane	7.722	113	8311	49.989	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.980%
50) Toluene-d8	10.179	98	28279	45.401	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.800%
62) 4-Bromofluorobenzene	12.483	95	5660	28.396	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	56.800%

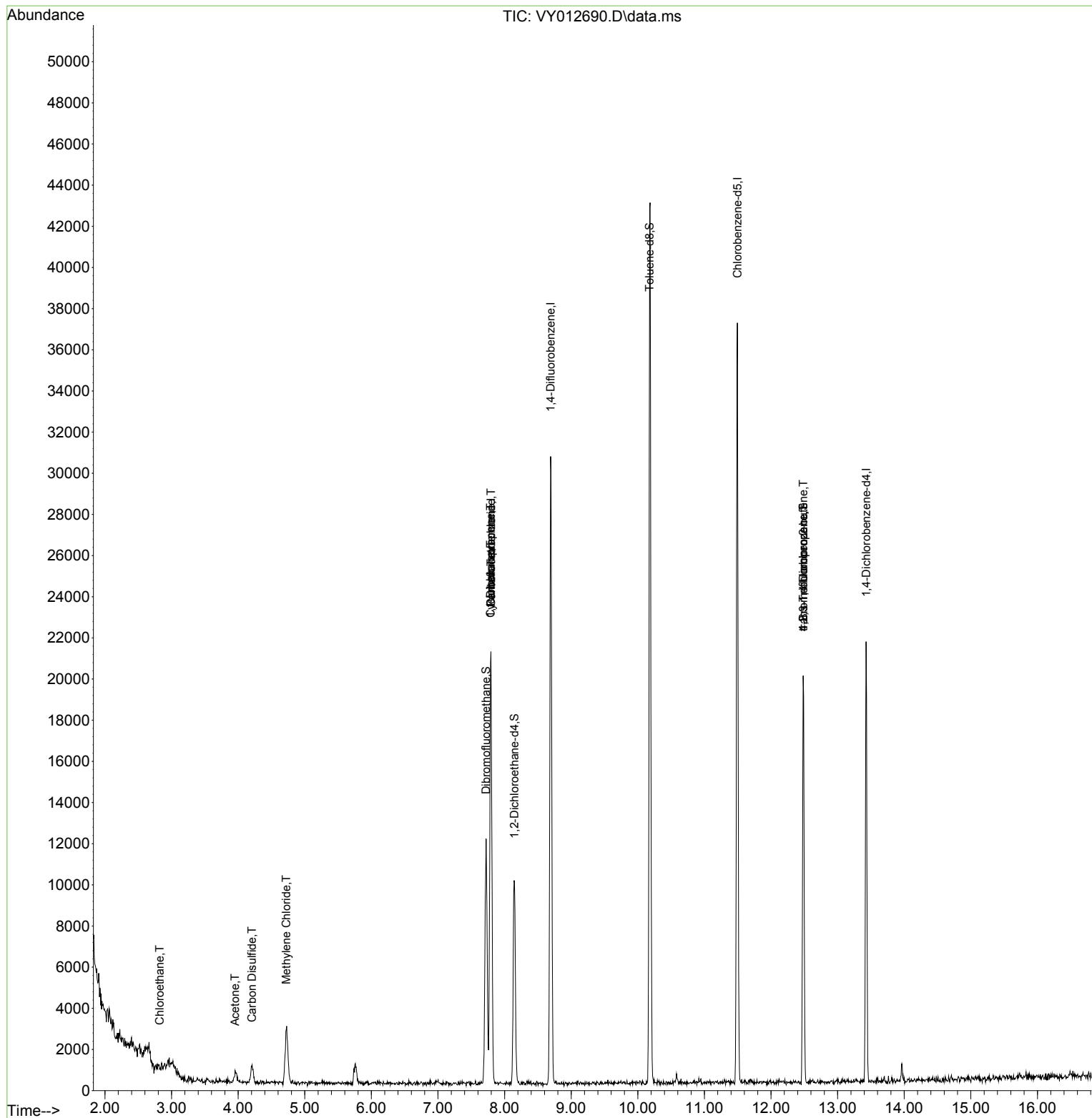
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.125	50	213	Below Cal	#	49
6) Chloroethane	2.820	64	186	1.578	ug/l #	41
16) Acetone	3.954	43	1146	18.240	ug/l	96
17) Carbon Disulfide	4.204	76	1733	2.990	ug/l #	75
20) Methylene Chloride	4.722	84	1966	4.582	ug/l #	84
31) Cyclohexane	7.789	56	430	1.285	ug/l #	12
36) 1,1-Dichloropropene	7.789	75	1281	4.861	ug/l #	42
38) Carbon Tetrachloride	7.795	117	1454	5.336	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	3178	47.998	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3178	101.684	ug/l #	9

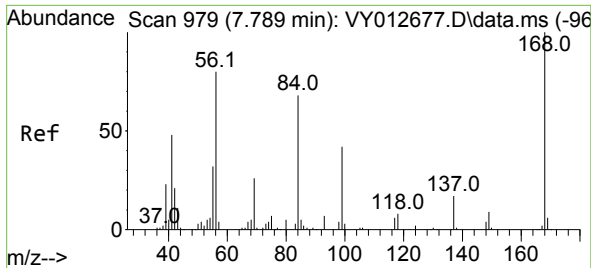
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022223\
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MSVOA_Y
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TP-2

Quant Time: Feb 22 21:43:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

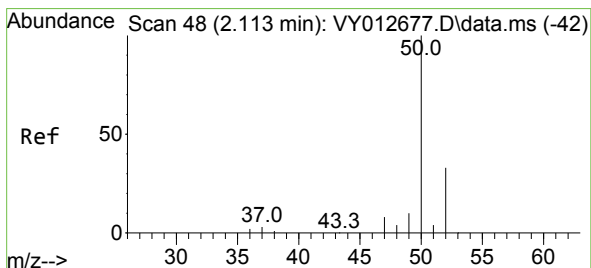
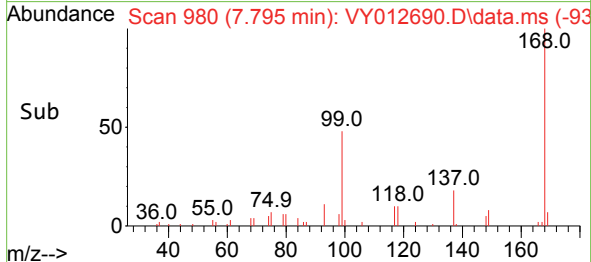
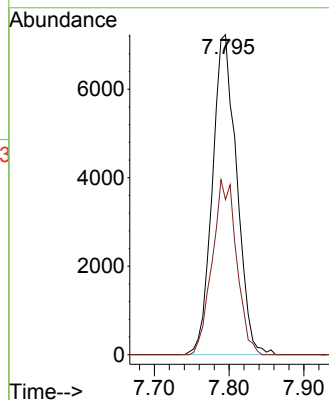
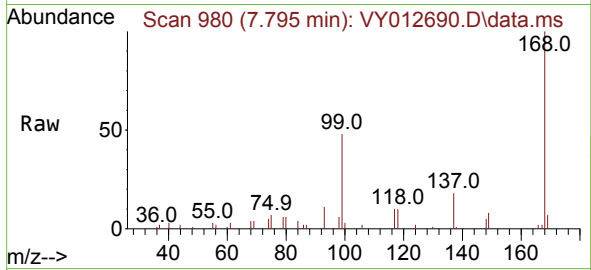




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

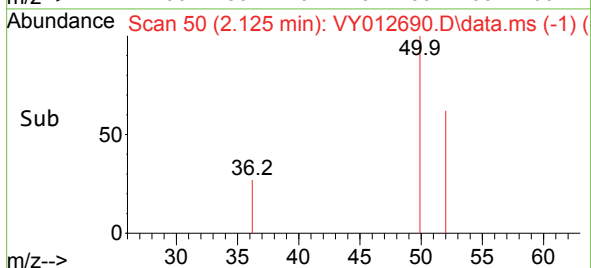
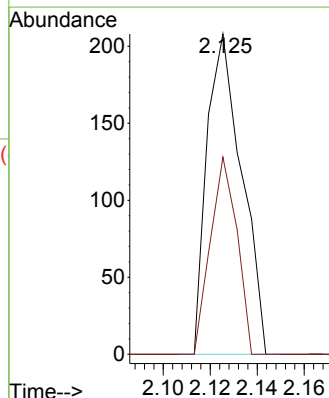
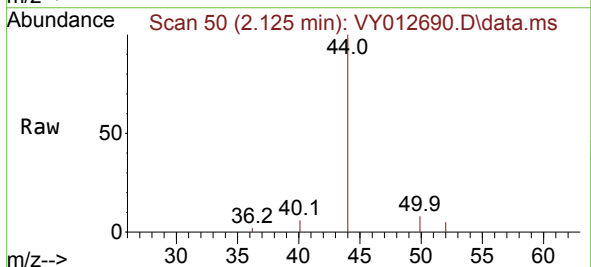
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

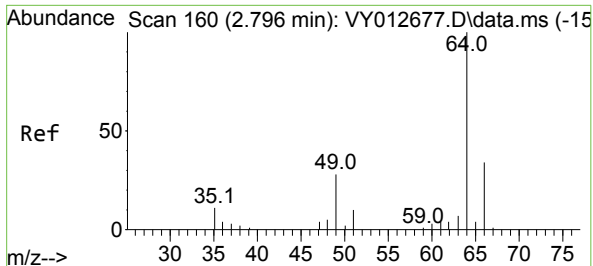
Tgt Ion:168 Resp: 16303
Ion Ratio Lower Upper
168 100
99 48.5 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

Tgt Ion: 50 Resp: 213
Ion Ratio Lower Upper
50 100
52 61.5 26.1 39.1#

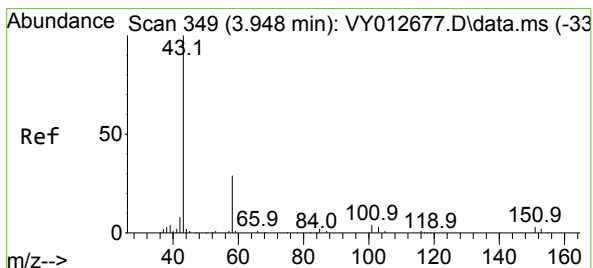
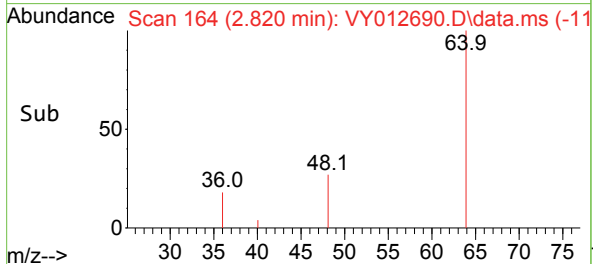
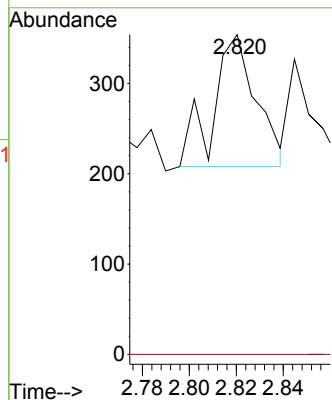
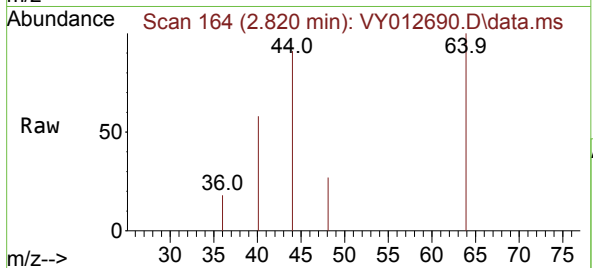




#6
Chloroethane
Concen: 1.578 ug/l
RT: 2.820 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

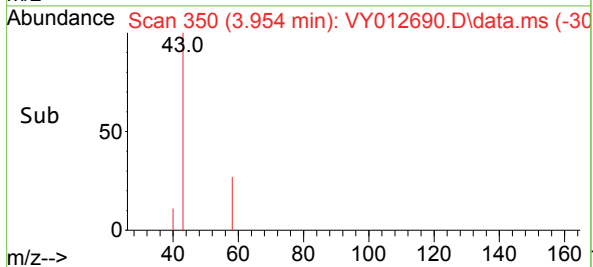
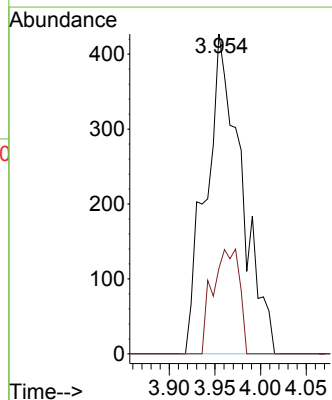
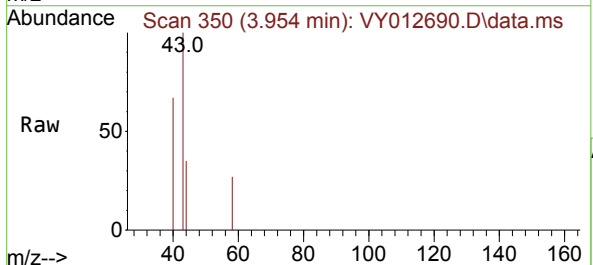
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

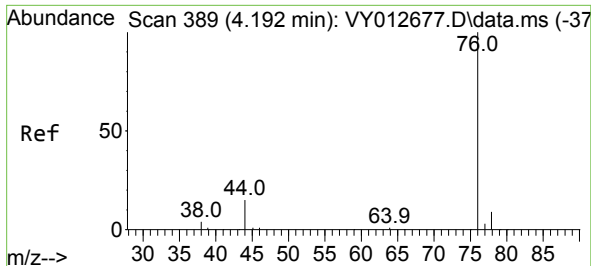
Tgt Ion: 64 Resp: 186
Ion Ratio Lower Upper
64 100
66 0.0 27.1 40.7#



#16
Acetone
Concen: 18.240 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
58 26.7 23.3 34.9

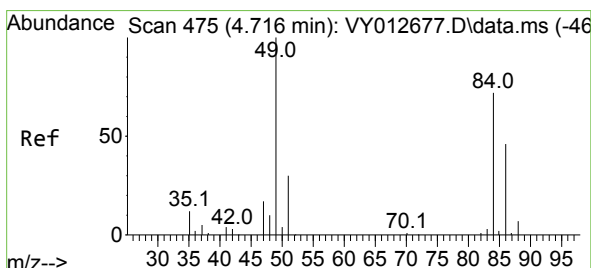
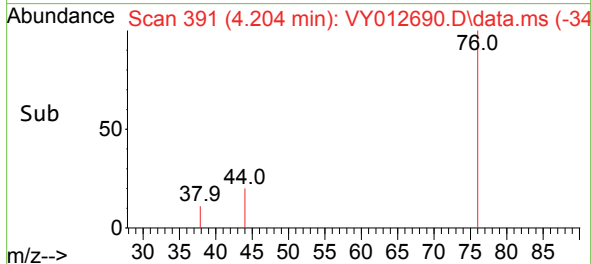
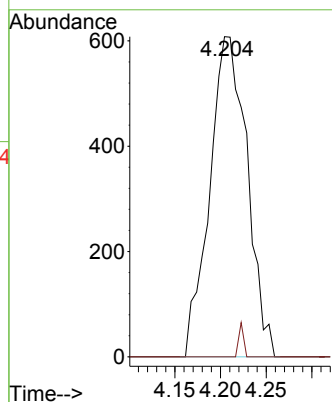
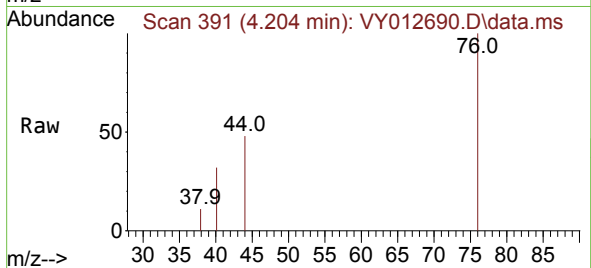




#17
Carbon Disulfide
Concen: 2.990 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

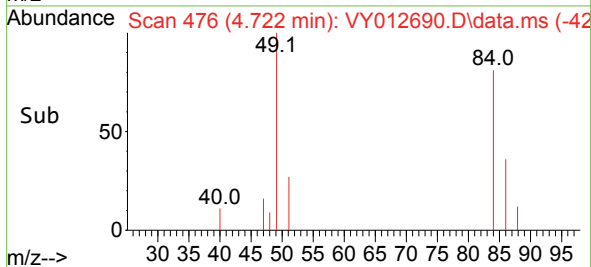
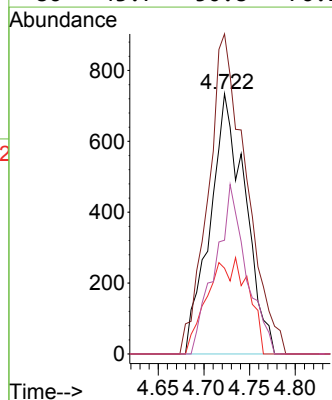
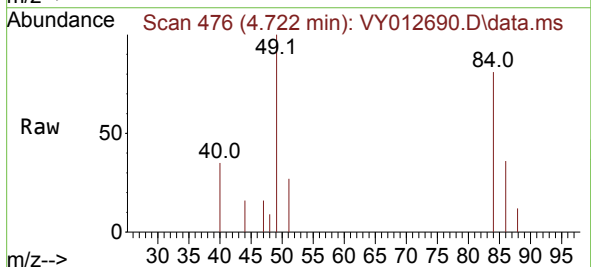
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

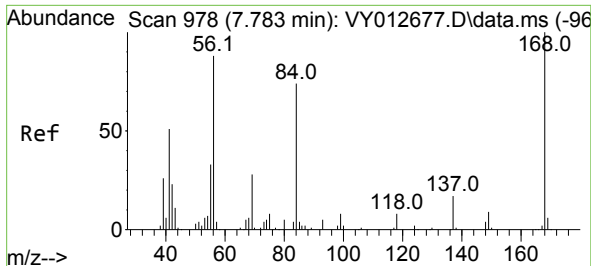
Tgt Ion: 76 Resp: 1733
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#20
Methylene Chloride
Concen: 4.582 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

Tgt Ion: 84 Resp: 1966
Ion Ratio Lower Upper
84 100
49 123.0 111.1 166.7
51 33.0 33.5 50.3#
86 43.7 50.8 76.2#

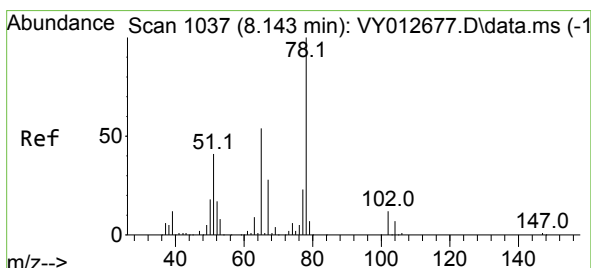
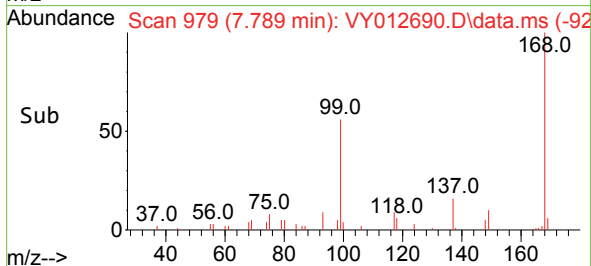
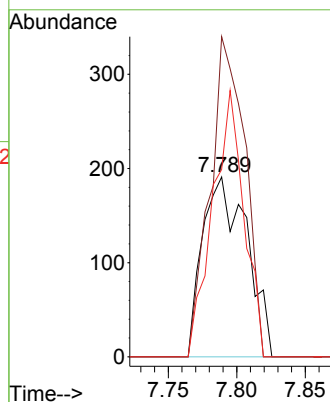
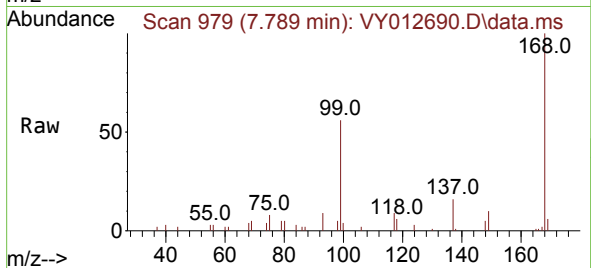




#31
Cyclohexane
Concen: 1.285 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

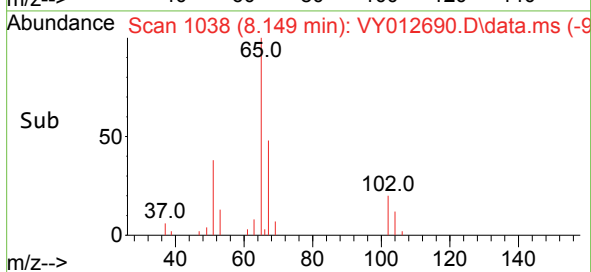
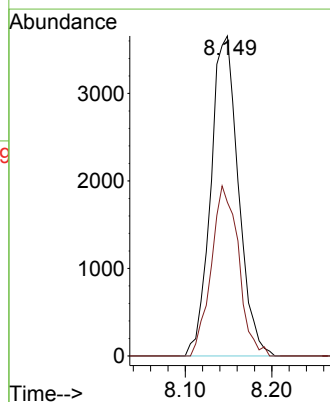
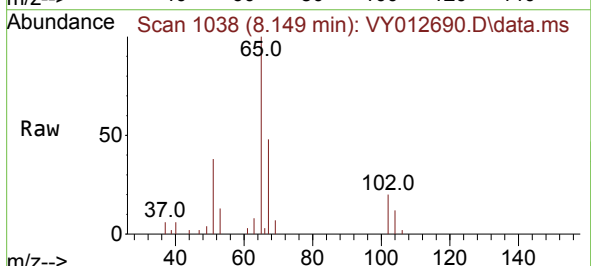
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

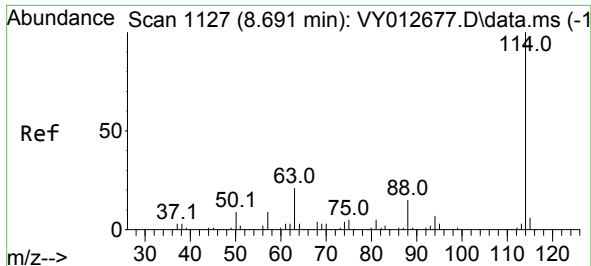
Tgt Ion: 56 Resp: 430
Ion Ratio Lower Upper
56 100
69 178.0 25.4 38.2#
84 104.2 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 42.146 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

Tgt Ion: 65 Resp: 8115
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.6

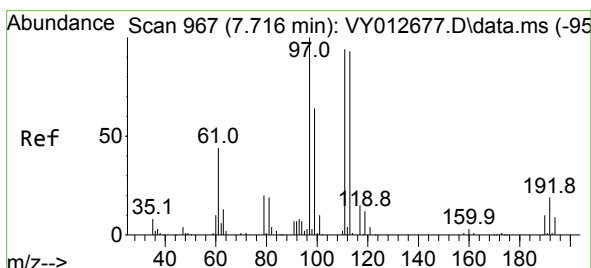
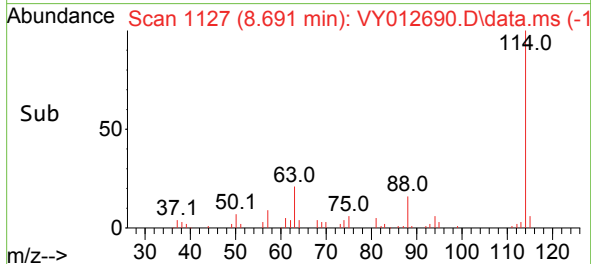
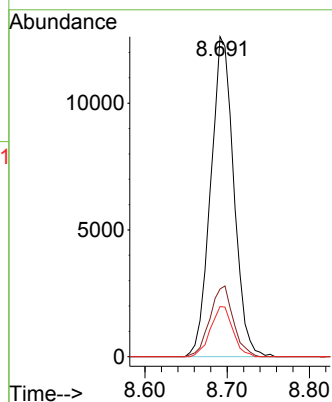
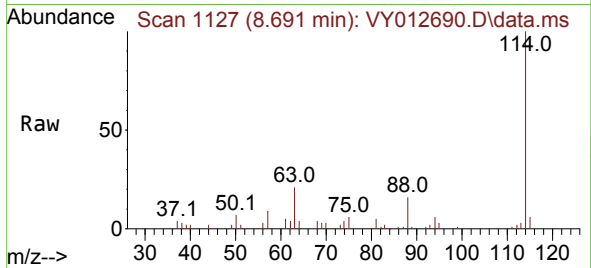




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

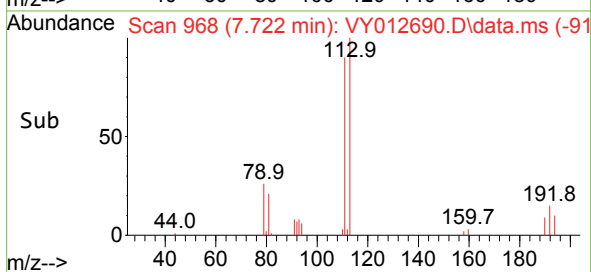
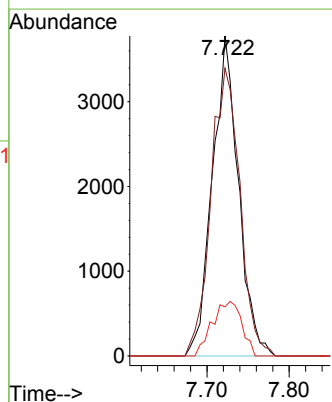
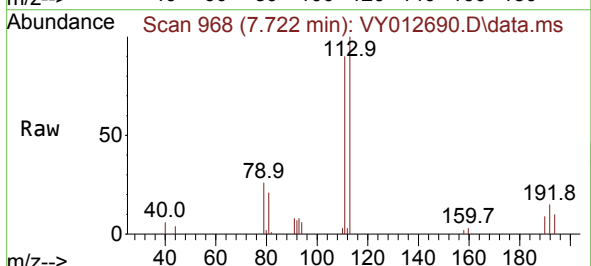
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

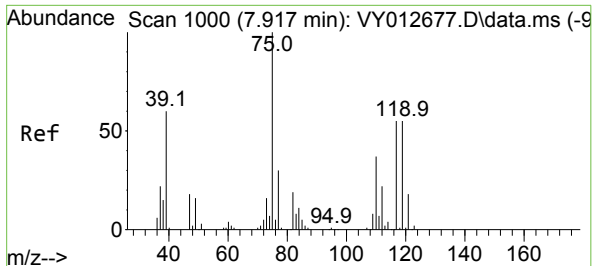
Tgt Ion:114 Resp: 24615
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.8
88 15.7 0.0 29.6



#35
Dibromofluoromethane
Concen: 49.989 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

Tgt Ion:113 Resp: 8311
Ion Ratio Lower Upper
113 100
111 100.0 82.0 123.0
192 19.3 16.2 24.2

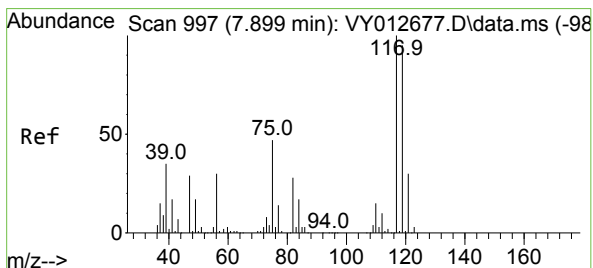
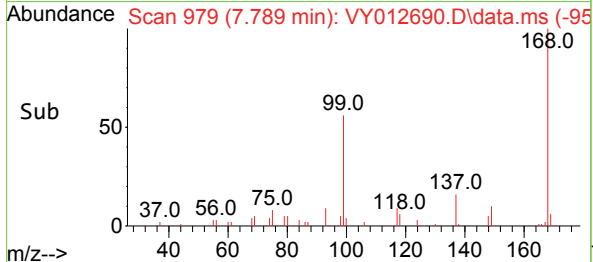
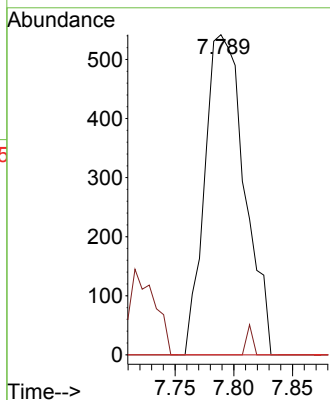
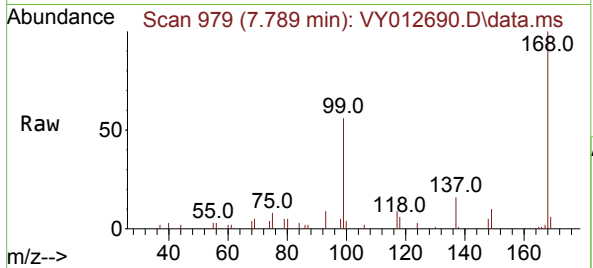




#36
1,1-Dichloropropene
Concen: 4.861 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

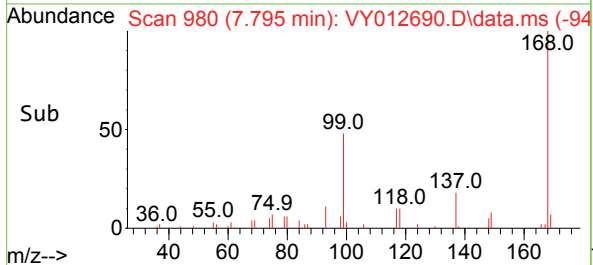
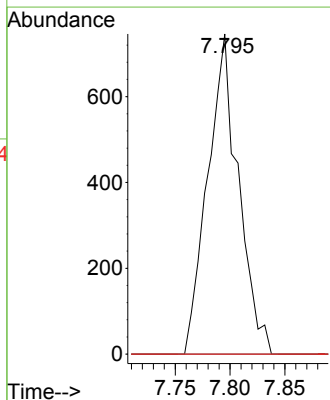
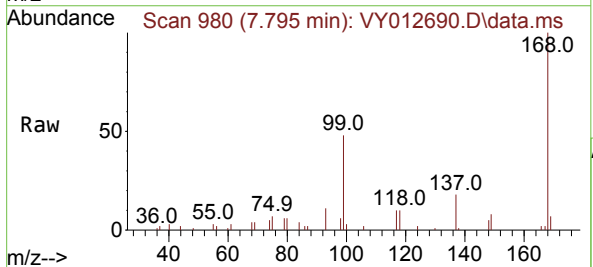
Instrument :
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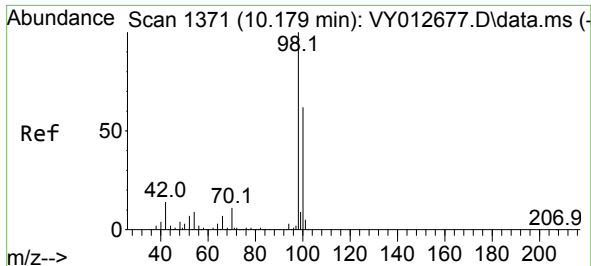
Tgt Ion: 75 Resp: 1281
Ion Ratio Lower Upper
75 100
110 0.0 17.6 52.8#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.336 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

Tgt Ion: 117 Resp: 1454
Ion Ratio Lower Upper
117 100
119 0.0 75.5 113.3#
121 0.0 23.8 35.8#

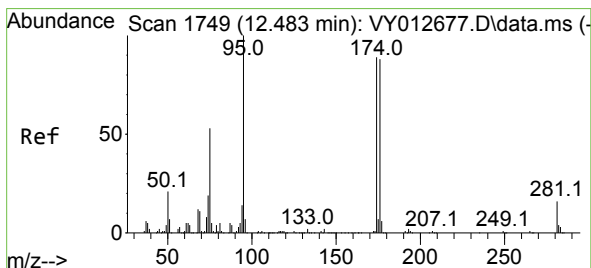
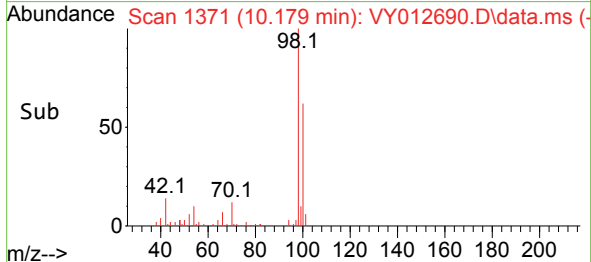
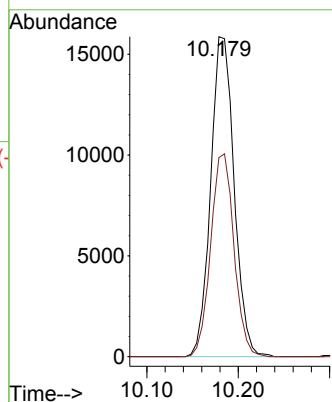
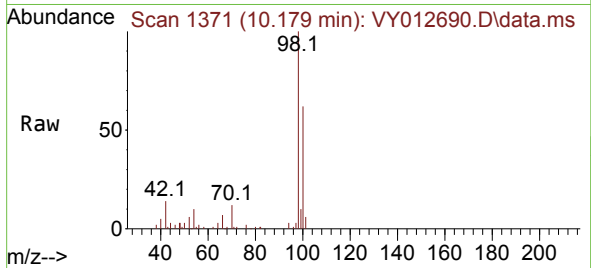




#50
Toluene-d8
Concen: 45.401 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

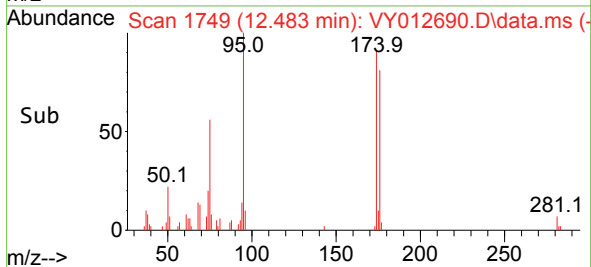
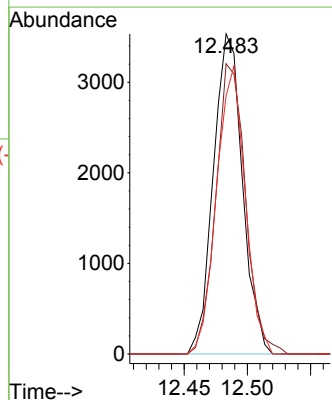
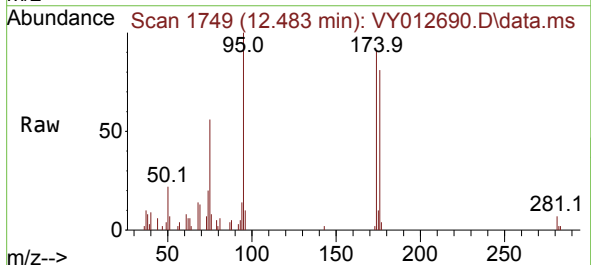
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

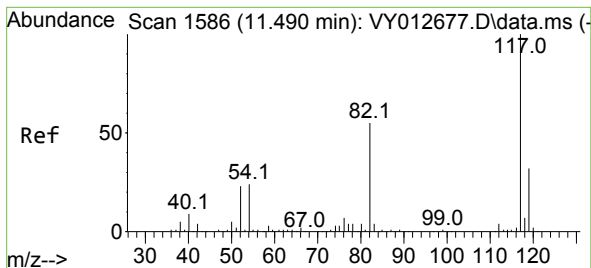
Tgt Ion: 98 Resp: 28279
Ion Ratio Lower Upper
98 100
100 62.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 28.396 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

Tgt Ion: 95 Resp: 5660
Ion Ratio Lower Upper
95 100
174 92.3 0.0 172.8
176 88.4 0.0 169.4

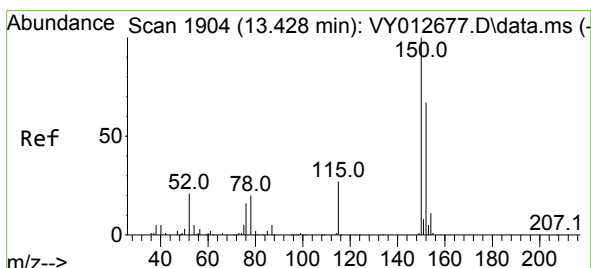
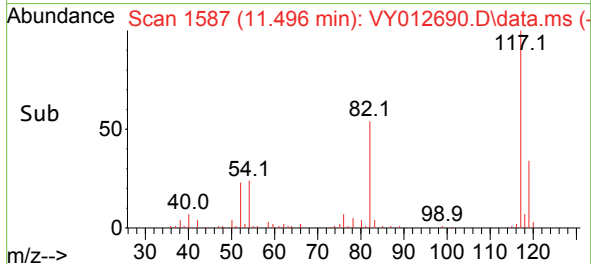
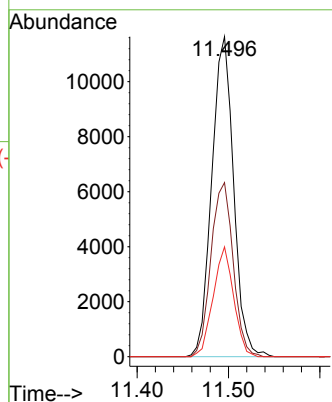
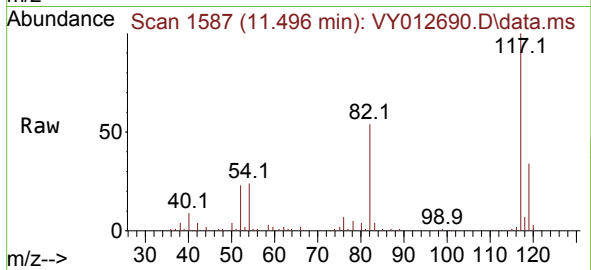




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

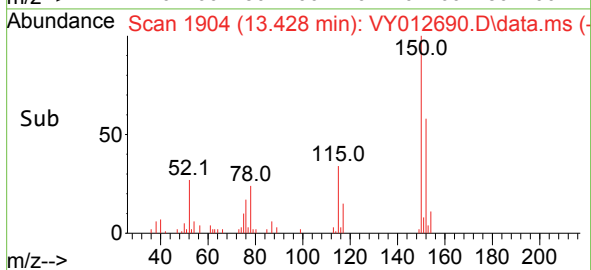
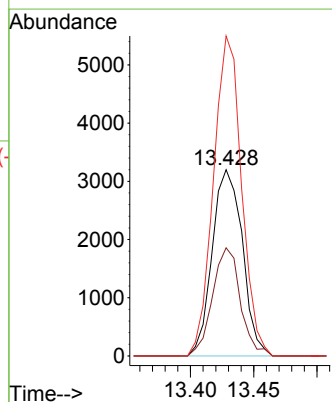
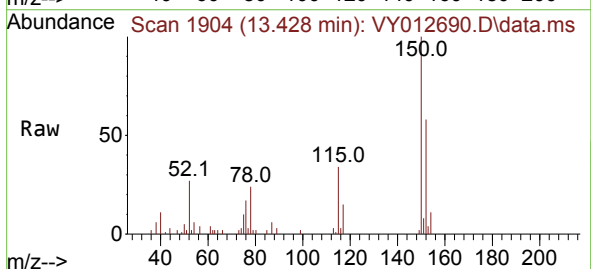
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

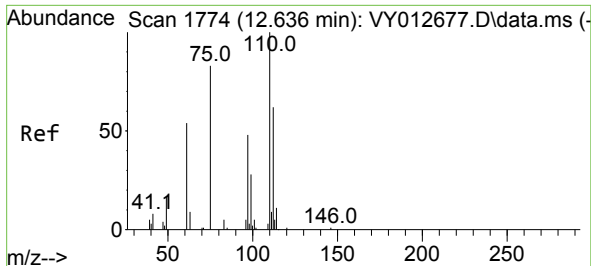
Tgt Ion:117 Resp: 19285
Ion Ratio Lower Upper
117 100
82 54.4 44.1 66.1
119 34.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

Tgt Ion:152 Resp: 5311
Ion Ratio Lower Upper
152 100
115 53.5 28.7 86.3
150 159.6 0.0 347.6

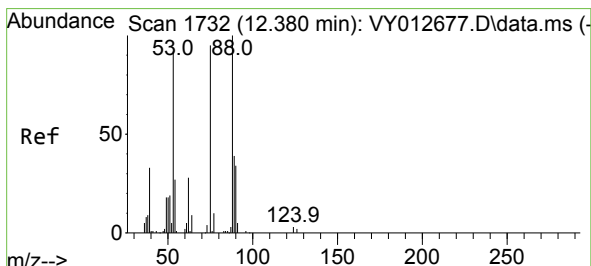
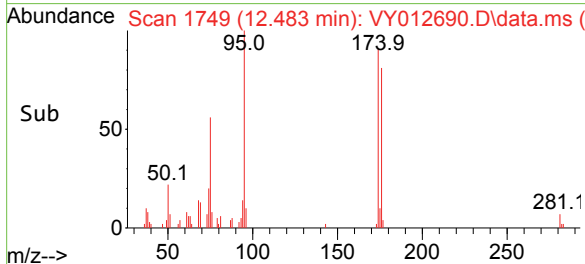
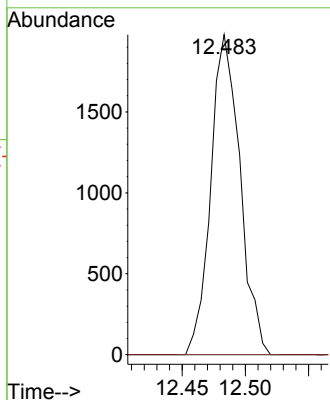
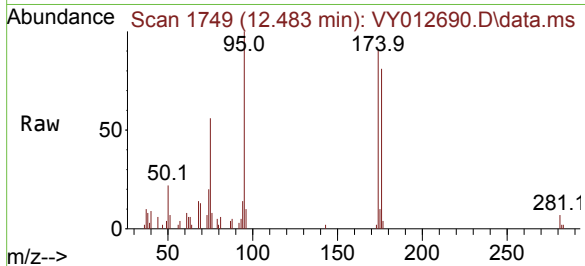




#76
1,2,3-Trichloropropane
Concen: 47.998 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion: 75 Resp: 3178
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 101.684 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012690.D
Acq: 22 Feb 2023 14:57

Tgt Ion: 75 Resp: 3178
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.0 36.5 54.7#

