

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012321.D
 Acq On : 23 Jan 2023 18:08
 Operator : KP/MD
 Sample : 01251-12
 Misc : 3.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 24 01:30:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	67771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	102005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	84525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32509	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	31874	57.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.640%
35) Dibromofluoromethane	7.716	113	28104	52.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.060%
50) Toluene-d8	10.179	98	118557	64.618	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	129.240%
62) 4-Bromofluorobenzene	12.483	95	29199	38.349	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.700%

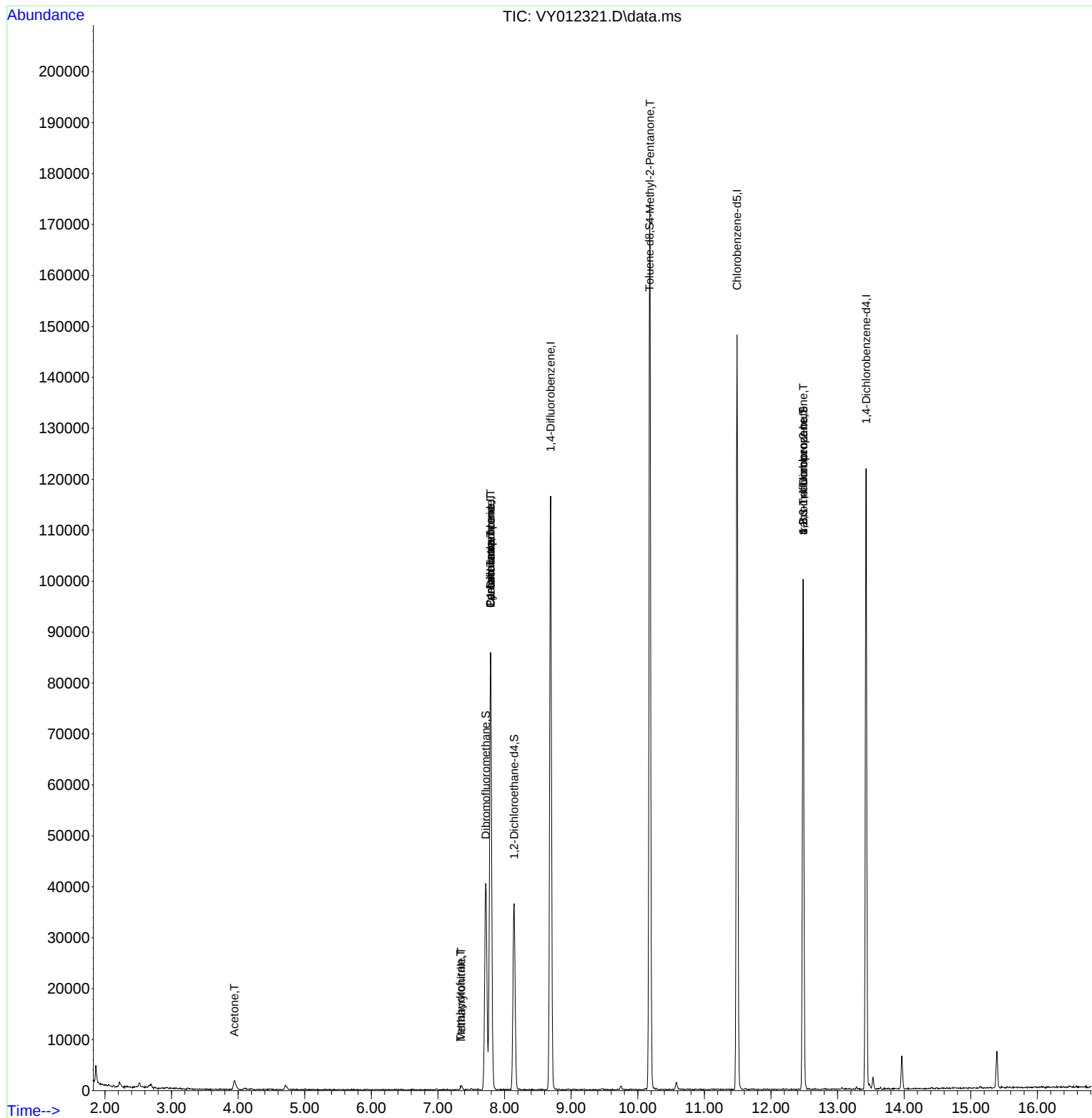
Target Compounds					Qvalue
16) Acetone	3.942	43	3355	17.778	ug/l 98
20) Methylene Chloride	4.710	84	651	Below Cal	95
29) Tetrahydrofuran	7.338	42	194	1.695	ug/l # 56
31) Cyclohexane	7.789	56	1137	1.151	ug/l # 11
36) 1,1-Dichloropropene	7.789	75	4706	5.127	ug/l # 50
38) Carbon Tetrachloride	7.789	117	6890	5.812	ug/l # 20
41) Methacrylonitrile	7.350	41	298	1.253	ug/l # 100
51) 4-Methyl-2-Pentanone	10.185	43	428	1.066	ug/l # 1
76) 1,2,3-Trichloropropane	12.483	75	15987	53.480	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.483	75	15987	110.193	ug/l # 13

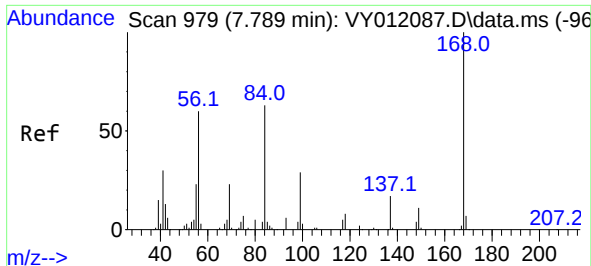
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
Data File : VY012321.D
Acq On : 23 Jan 2023 18:08
Operator : KP/MD
Sample : 01251-12
Misc : 3.64g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 24 01:30:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

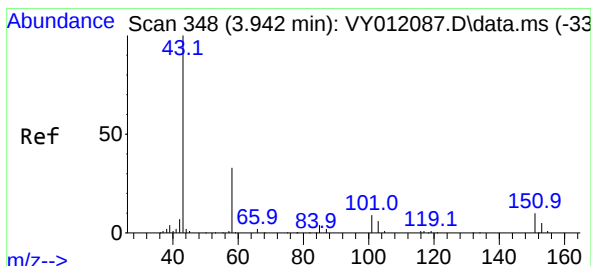
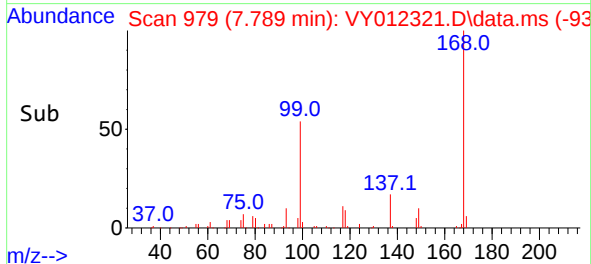
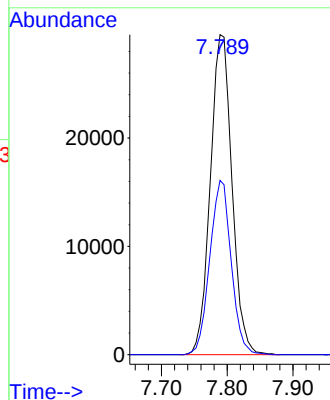
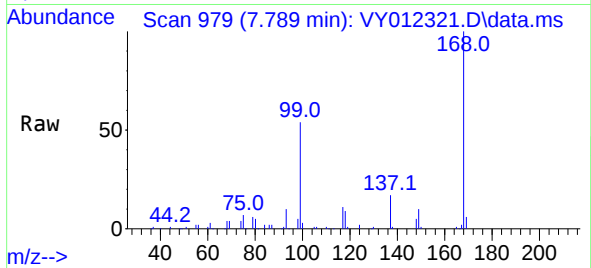




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

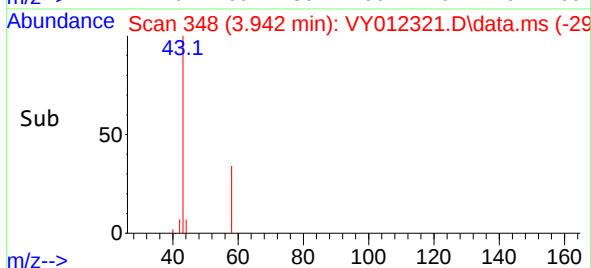
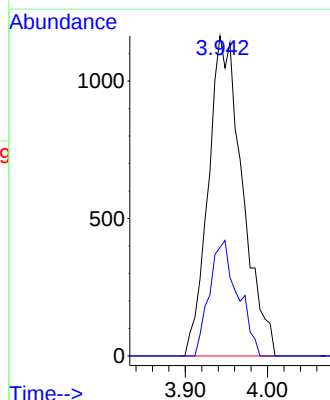
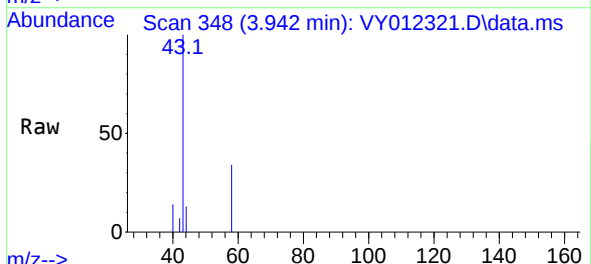
Instrument :
MSVOA_Y
ClientSampleId :

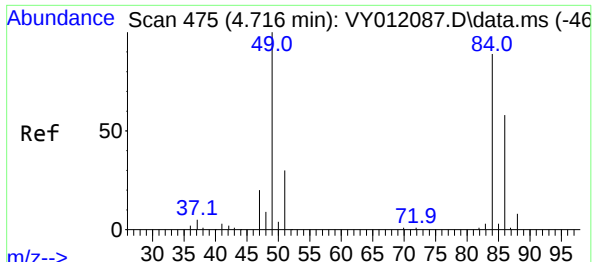
Tgt Ion:168 Resp: 67771
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#16
Acetone
Concen: 17.778 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

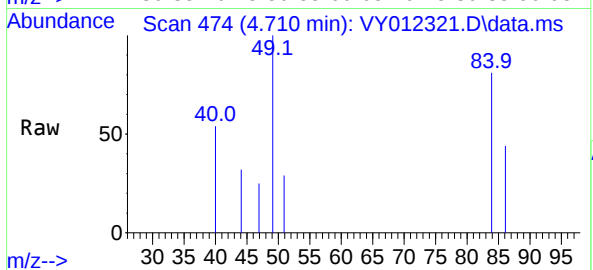
Tgt Ion: 43 Resp: 3355
Ion Ratio Lower Upper
43 100
58 33.9 27.9 41.9





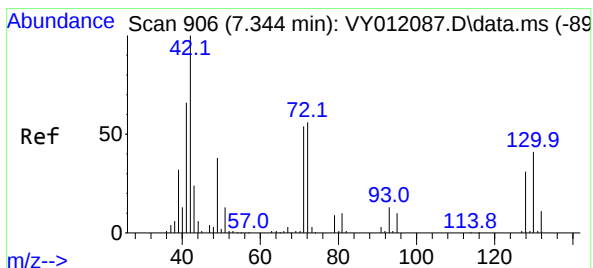
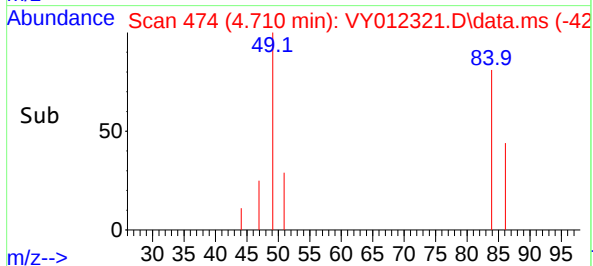
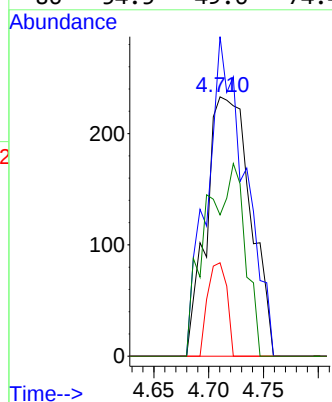
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 651

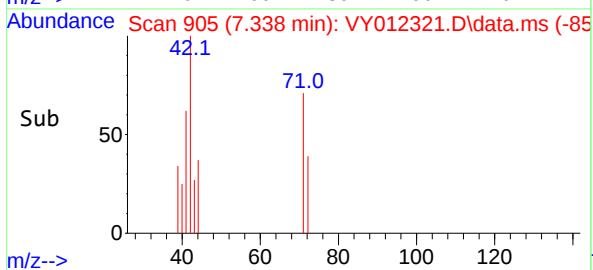
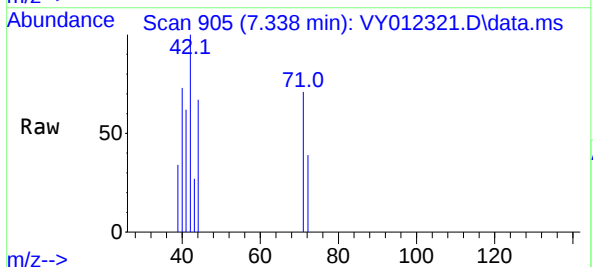
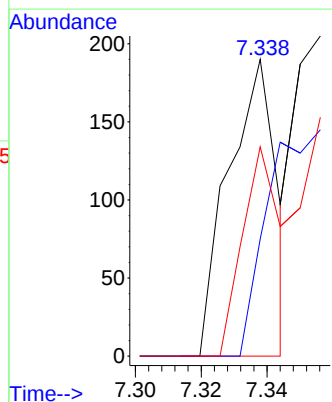
Ion	Ratio	Lower	Upper
84	100		
49	123.2	95.4	143.2
51	36.1	29.9	44.9
86	54.5	49.6	74.4

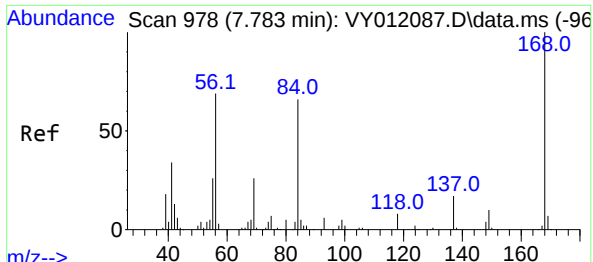


#29
Tetrahydrofuran
Concen: 1.695 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

Tgt Ion: 42 Resp: 194

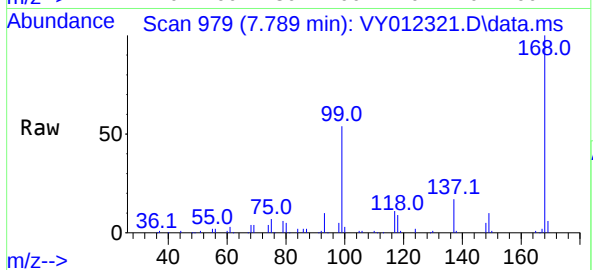
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.0	55.6#
71	54.1	34.9	52.3#



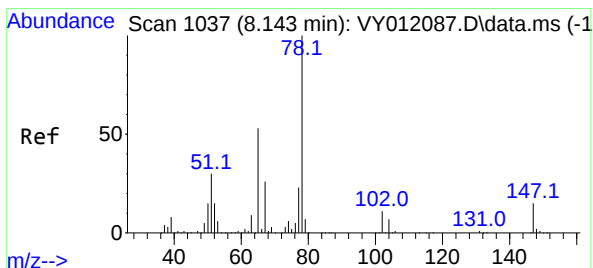
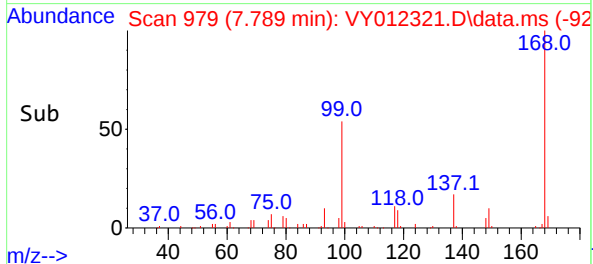
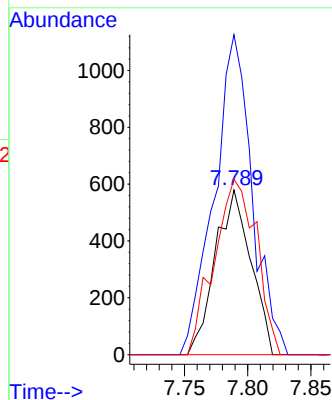


#31
Cyclohexane
Concen: 1.151 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

Instrument :
MSVOA_Y
ClientSampleId :

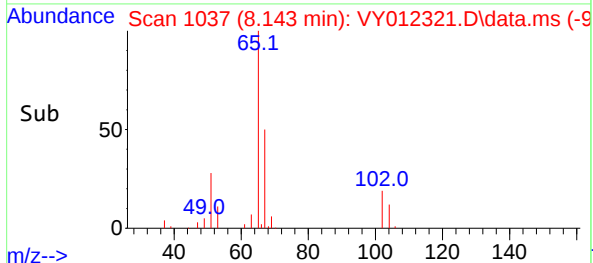
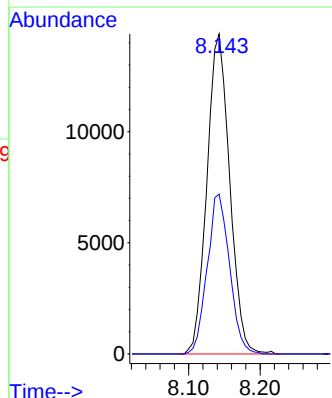
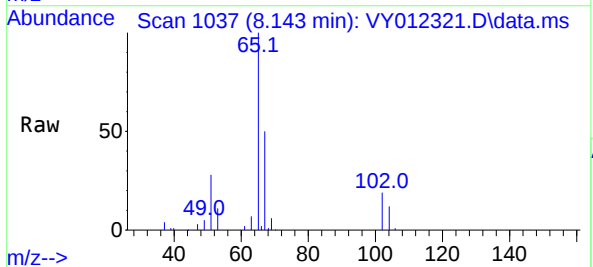


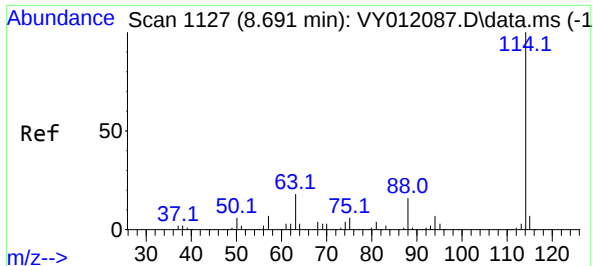
Tgt Ion: 56 Resp: 1137
Ion Ratio Lower Upper
56 100
69 194.5 29.2 43.8#
84 106.6 72.6 108.8



#33
1,2-Dichloroethane-d4
Concen: 57.316 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

Tgt Ion: 65 Resp: 31874
Ion Ratio Lower Upper
65 100
67 48.9 0.0 103.2

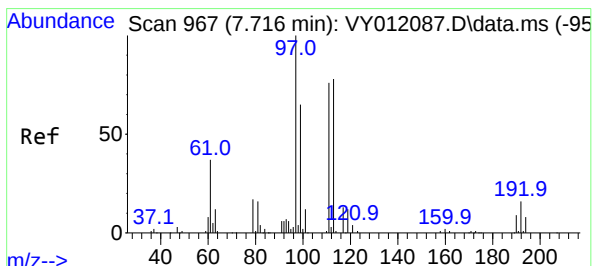
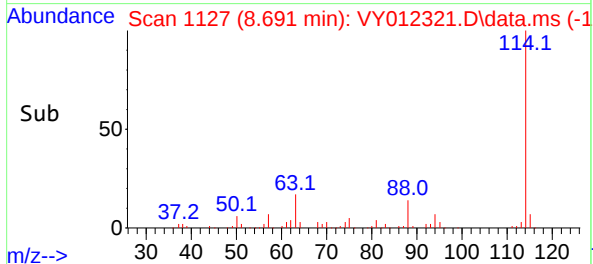
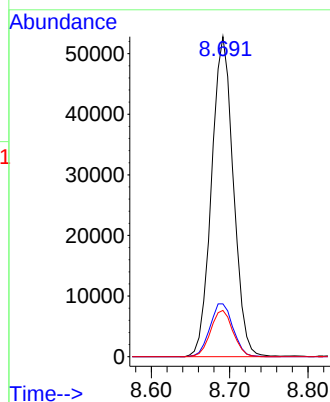
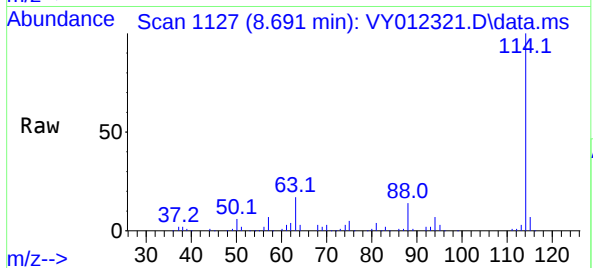




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

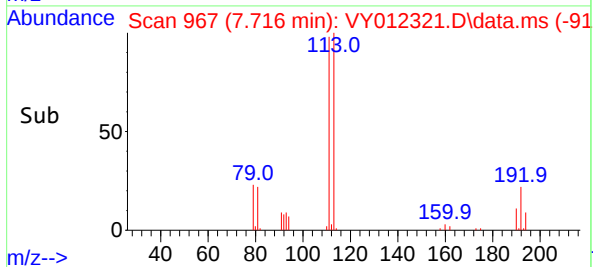
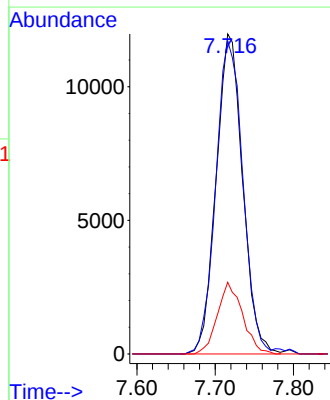
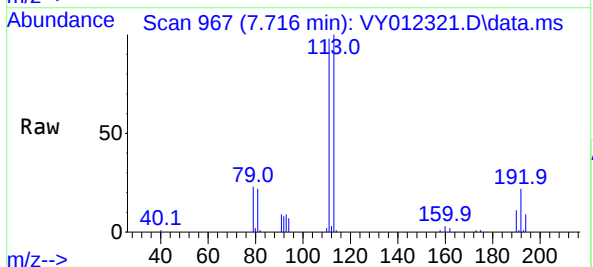
Instrument :
MSVOA_Y
ClientSampleId :

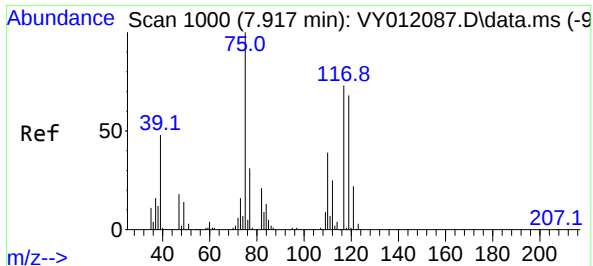
Tgt Ion:114 Resp: 102005
Ion Ratio Lower Upper
114 100
63 16.5 0.0 39.6
88 14.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 52.033 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

Tgt Ion:113 Resp: 28104
Ion Ratio Lower Upper
113 100
111 101.2 83.0 124.4
192 21.3 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.127 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

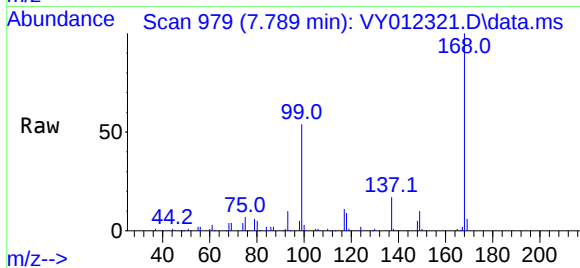
Lab File: VY012321.D

Acq: 23 Jan 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :



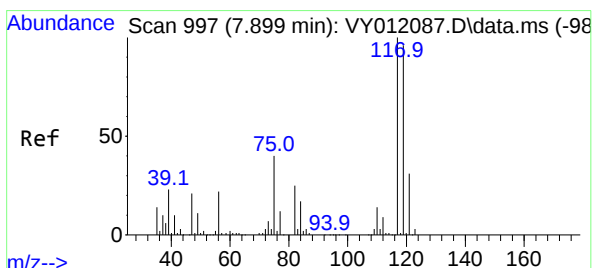
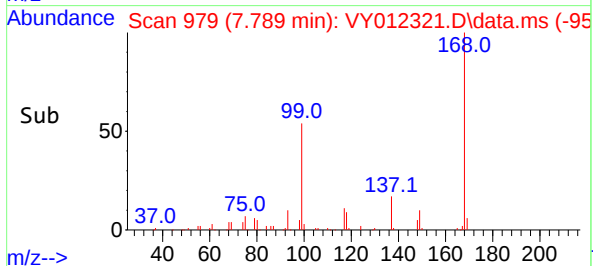
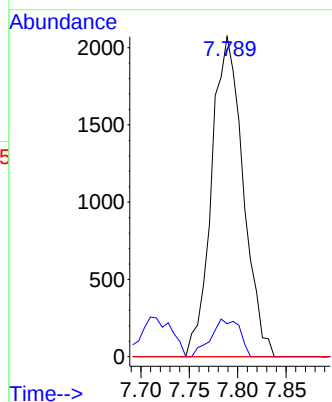
Tgt Ion: 75 Resp: 4706

Ion Ratio Lower Upper

75 100

110 10.7 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.812 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012321.D

Acq: 23 Jan 2023 18:08

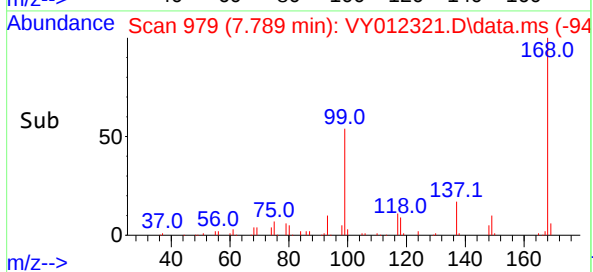
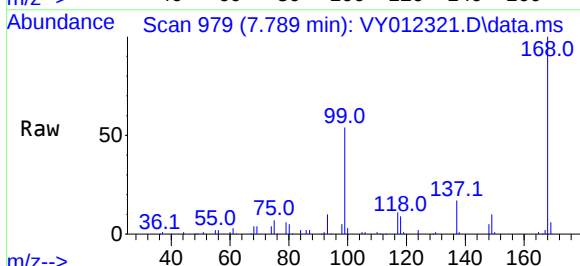
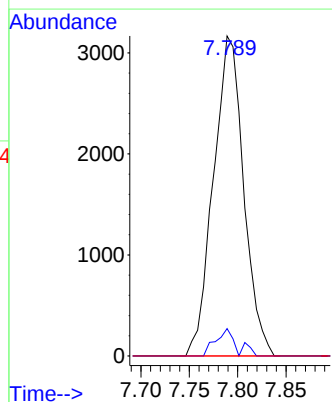
Tgt Ion: 117 Resp: 6890

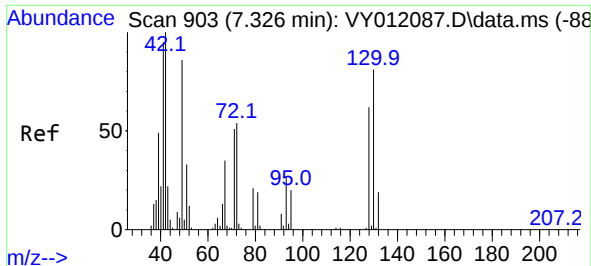
Ion Ratio Lower Upper

117 100

119 8.6 73.8 110.8#

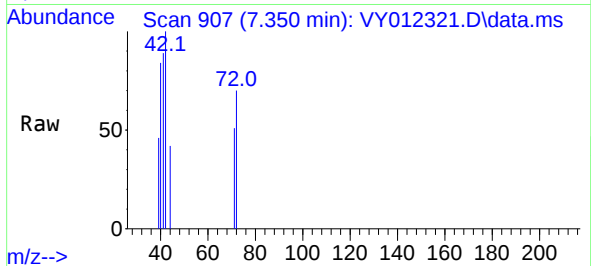
121 0.0 25.2 37.8#



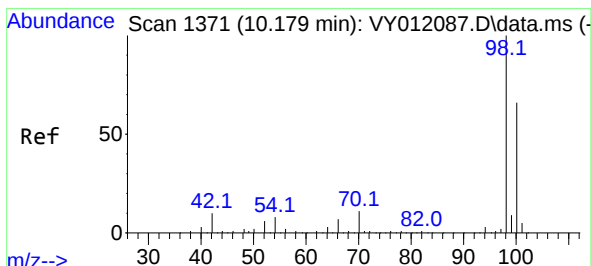
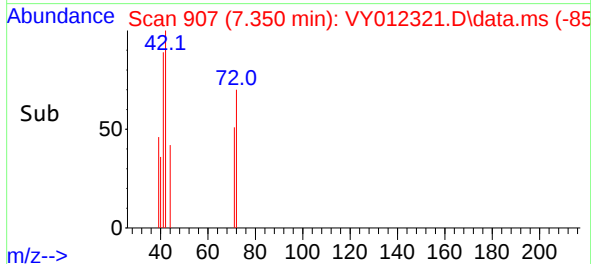
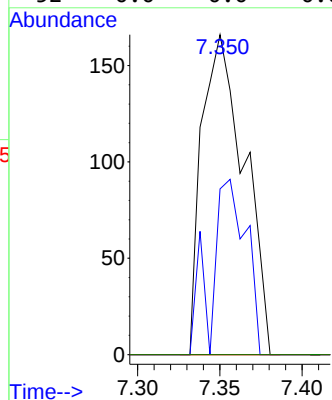


#41
Methacrylonitrile
Concen: 1.253 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.024 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

Instrument :
MSVOA_Y
ClientSampleId :

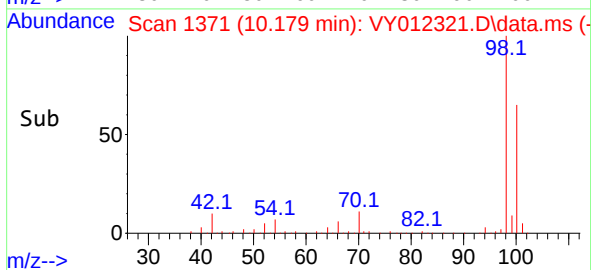
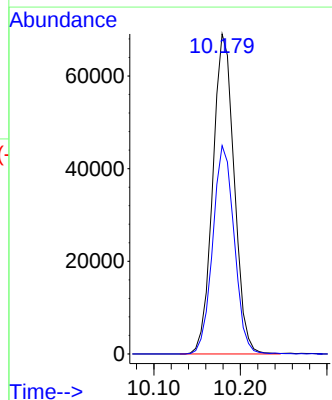
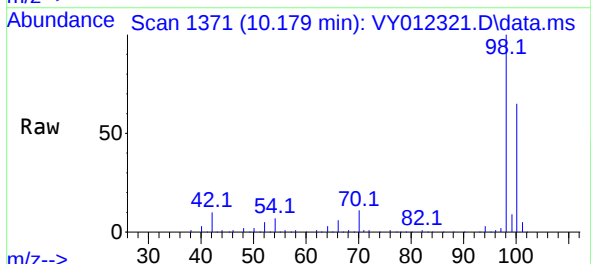


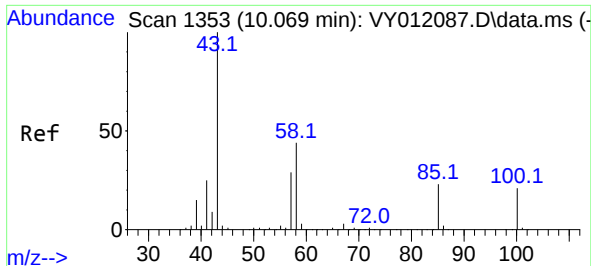
Tgt Ion: 41 Resp: 298
Ion Ratio Lower Upper
41 100
39 45.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#50
Toluene-d8
Concen: 64.618 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

Tgt Ion: 98 Resp: 118557
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

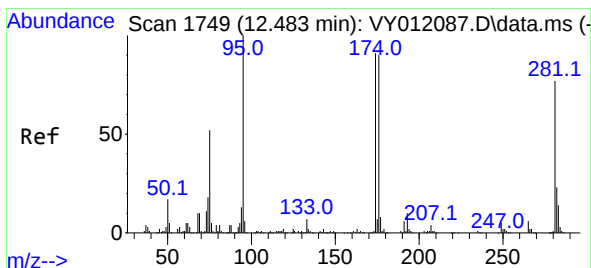
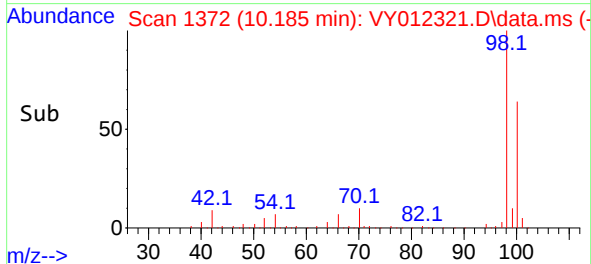
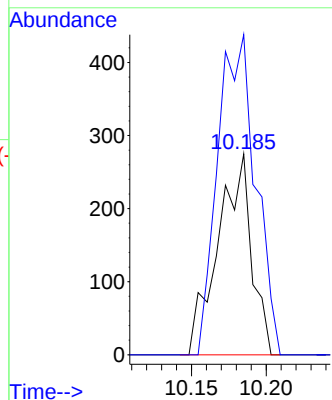
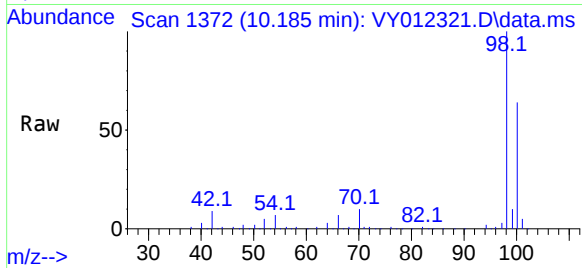




#51
4-Methyl-2-Pentanone
Concen: 1.066 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

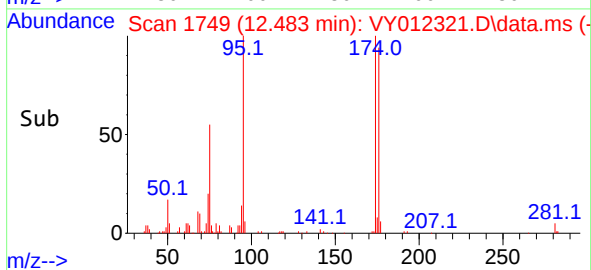
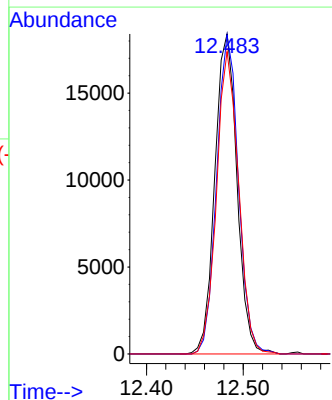
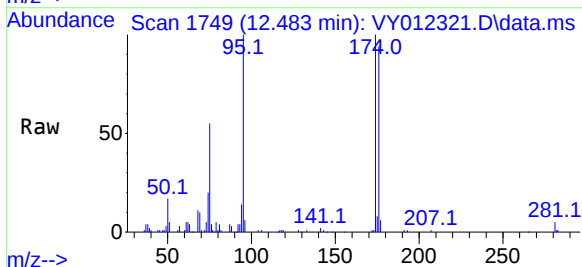
Instrument :
MSVOA_Y
ClientSampleId :

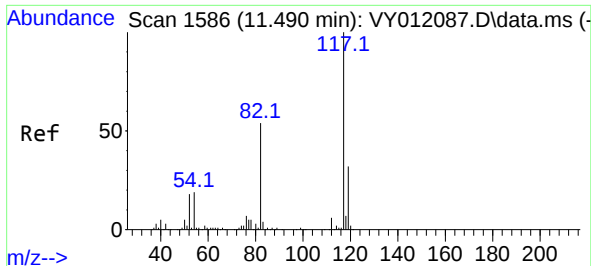
Tgt Ion: 43 Resp: 428
Ion Ratio Lower Upper
43 100
58 180.4 32.9 49.3#



#62
4-Bromofluorobenzene
Concen: 38.349 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

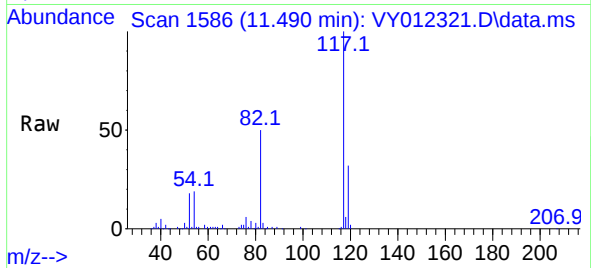
Tgt Ion: 95 Resp: 29199
Ion Ratio Lower Upper
95 100
174 98.2 0.0 172.0
176 93.9 0.0 167.6



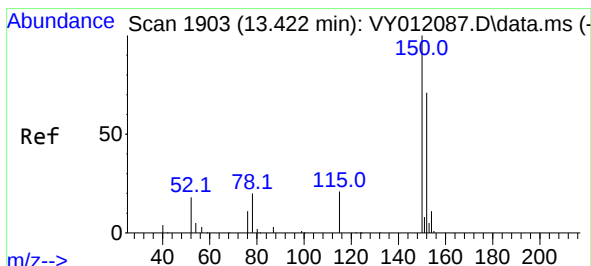
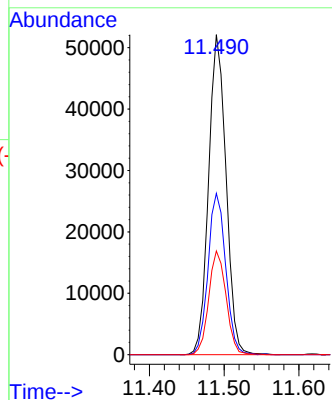
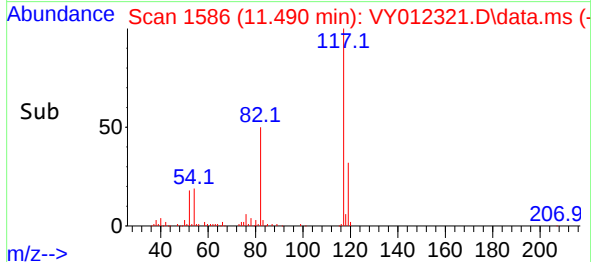


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

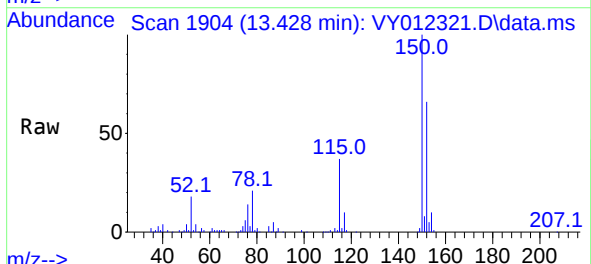
Instrument :
MSVOA_Y
ClientSampleId :



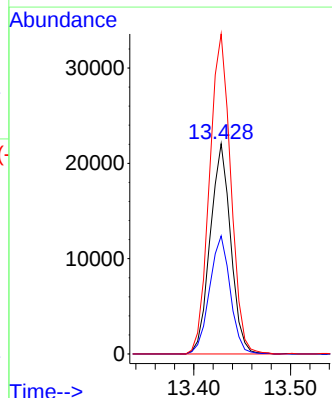
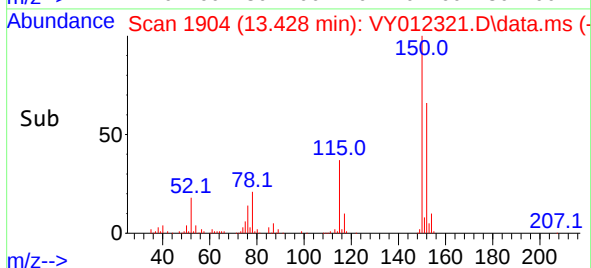
Tgt Ion:117 Resp: 84525
Ion Ratio Lower Upper
117 100
82 50.4 44.8 67.2
119 32.4 25.4 38.2

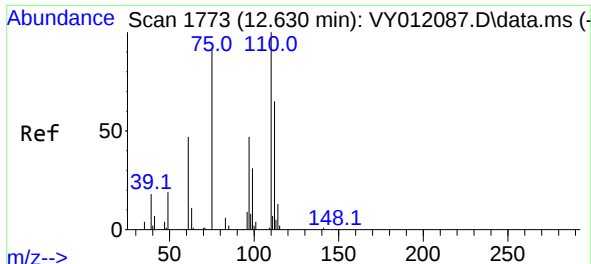


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08



Tgt Ion:152 Resp: 32509
Ion Ratio Lower Upper
152 100
115 56.6 29.1 87.3
150 157.7 0.0 342.6

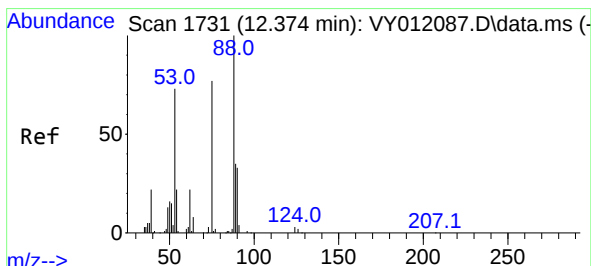
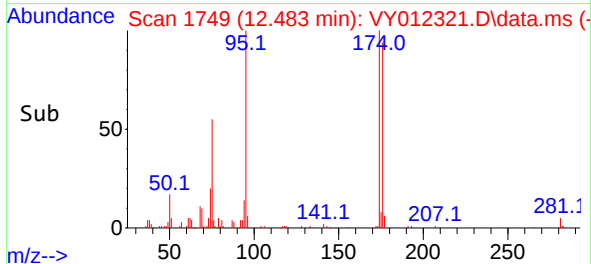
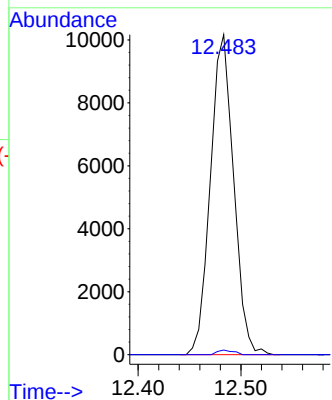
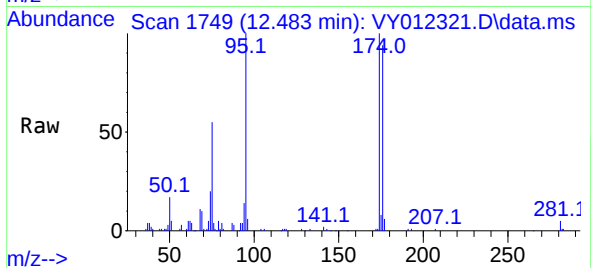




#76
1,2,3-Trichloropropane
Concen: 53.480 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 15987
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.193 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012321.D
Acq: 23 Jan 2023 18:08

Tgt Ion: 75 Resp: 15987
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

