

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012324.D
 Acq On : 23 Jan 2023 19:18
 Operator : KP/MD
 Sample : 01253-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 24 01:30:39 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)

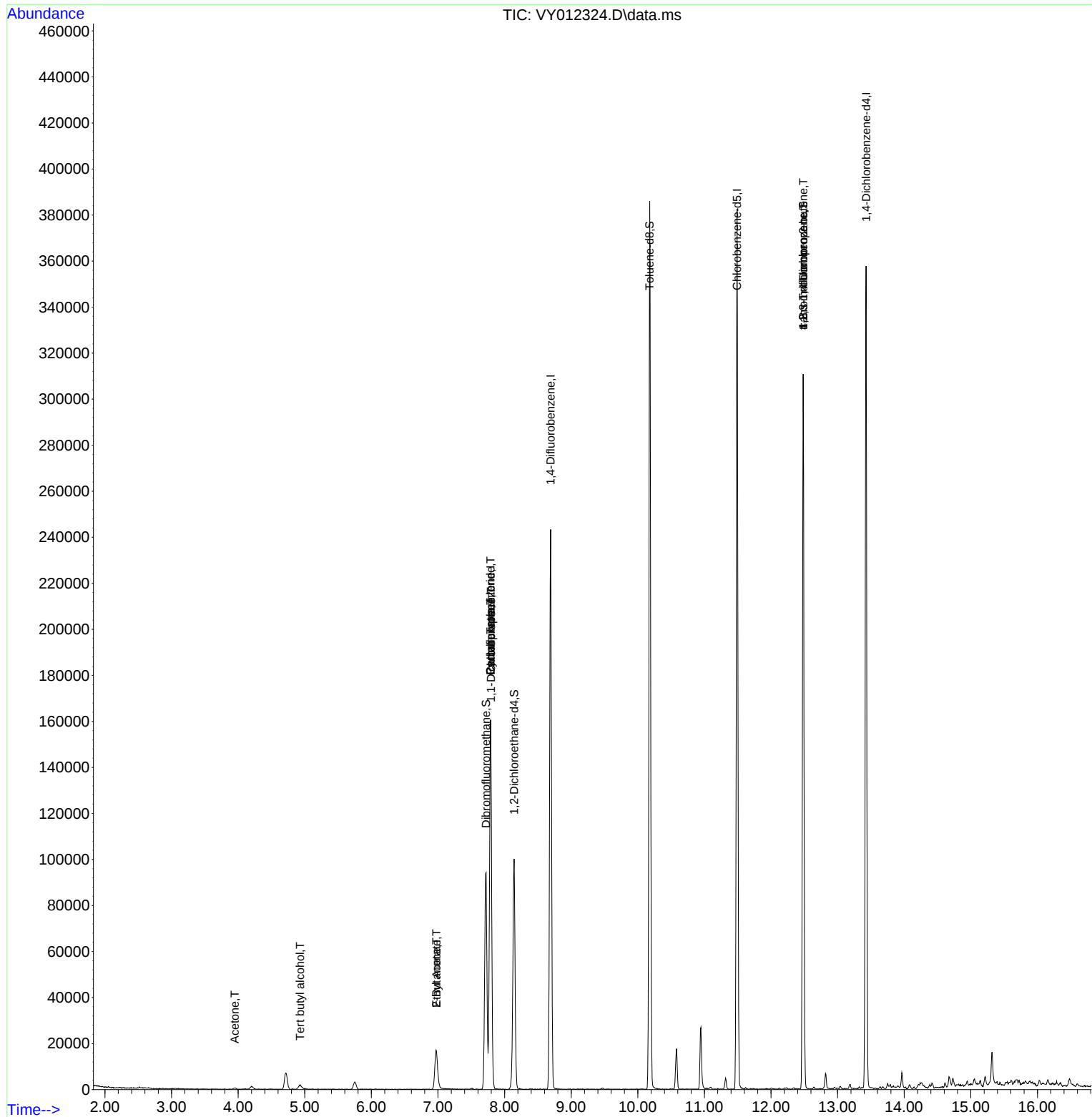
Internal Standards						
1) Pentafluorobenzene	7.789	168	126165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	209744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	83330	82.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.440%#	
35) Dibromofluoromethane	7.722	113	64148	56.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.780%	
50) Toluene-d8	10.179	98	256392	67.104	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 134.200%	
62) 4-Bromofluorobenzene	12.483	95	85640	53.874	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.740%	
Target Compounds						
11) Tert butyl alcohol	4.930	59	1924	3.356	ug/l #	74
16) Acetone	3.948	43	928	2.642	ug/l	90
20) Methylene Chloride	4.710	84	2976	Below Cal	#	86
25) 2-Butanone	6.978	43	893	2.302	ug/l #	46
31) Cyclohexane	7.789	56	2244	1.220	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8724	4.552	ug/l #	51
37) Ethyl Acetate	6.978	43	893	1.057	ug/l #	1
38) Carbon Tetrachloride	7.789	117	12675	5.121	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	45243	51.218	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45243	105.533	ug/l #	13

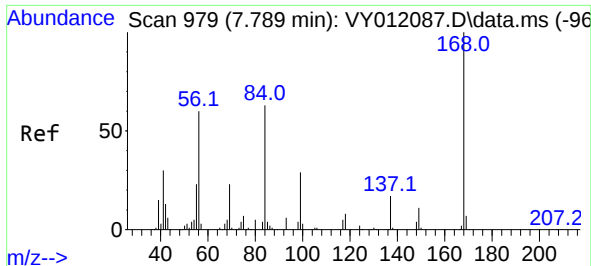
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

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MSVOA_Y
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Quant Time: Jan 24 01:30:39 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

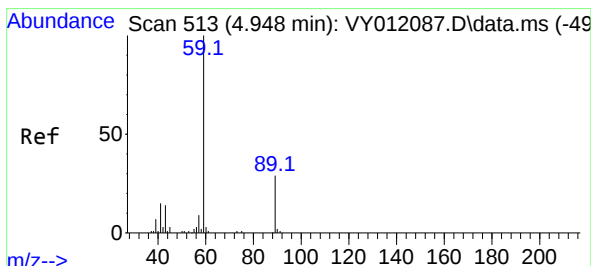
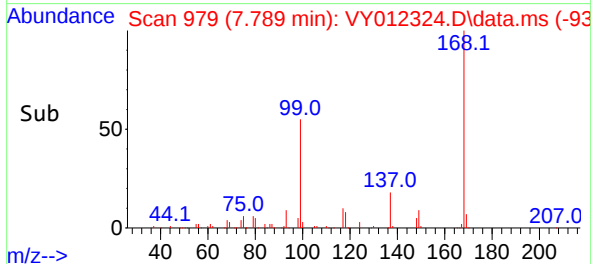
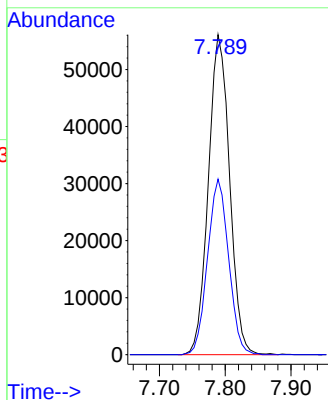
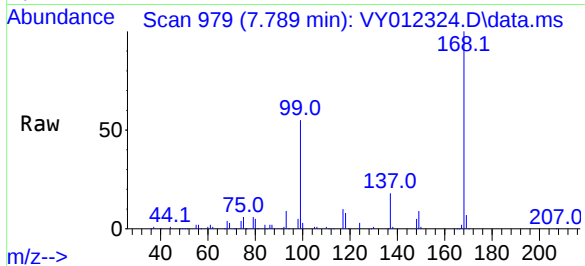




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

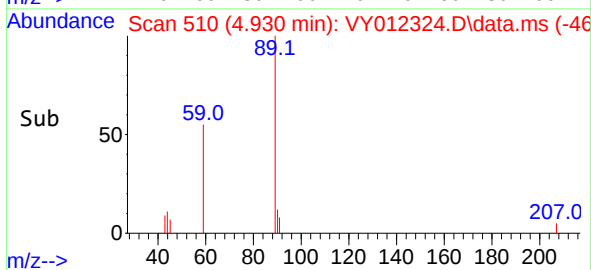
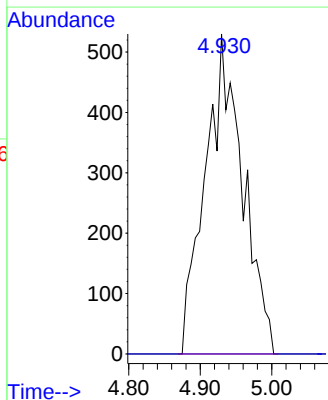
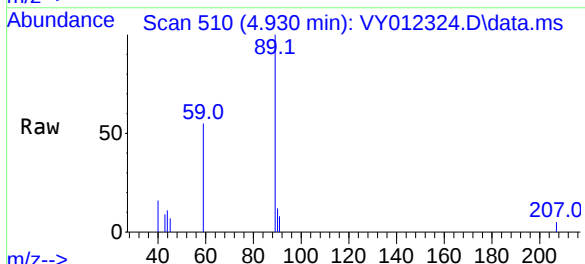
Instrument :
MSVOA_Y
ClientSampleId :

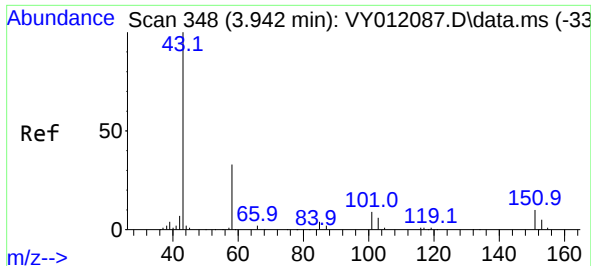
Tgt Ion:168 Resp: 126165
Ion Ratio Lower Upper
168 100
99 54.8 44.0 66.0



#11
Tert butyl alcohol
Concen: 3.356 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

Tgt Ion: 59 Resp: 1924
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

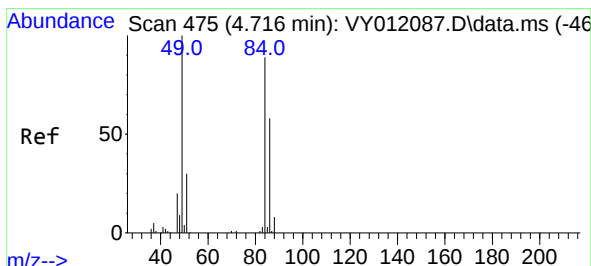
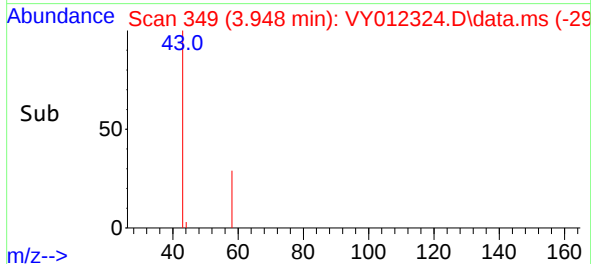
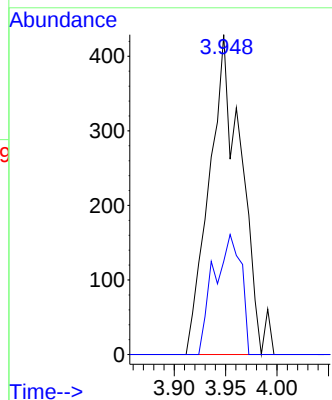
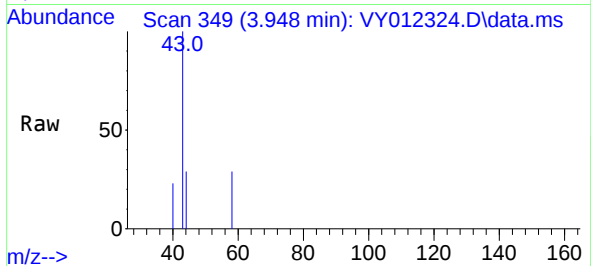




#16
Acetone
Concen: 2.642 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

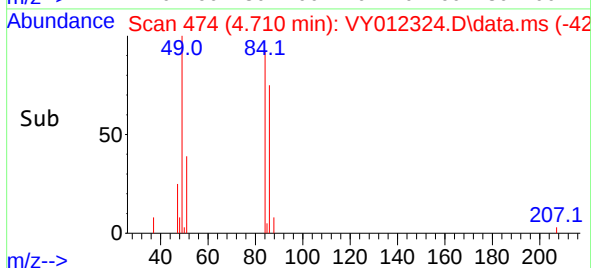
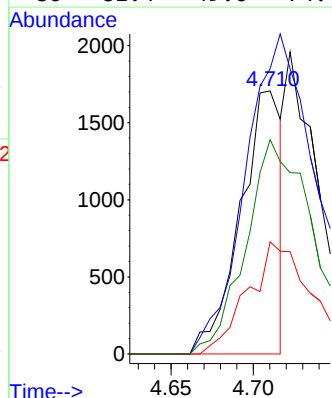
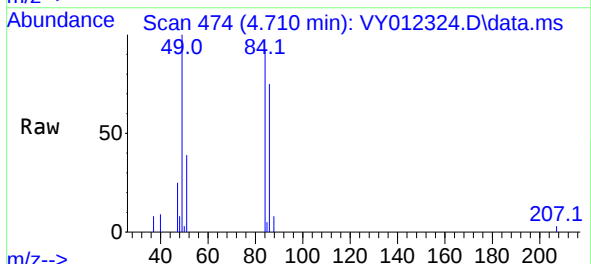
Instrument :
MSVOA_Y
ClientSampleId :

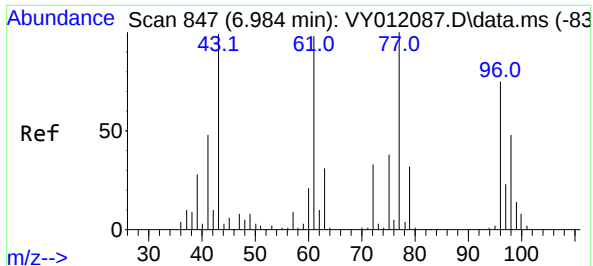
Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 29.1 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

Tgt Ion: 84 Resp: 2976
Ion Ratio Lower Upper
84 100
49 108.4 95.4 143.2
51 42.6 29.9 44.9
86 81.4 49.6 74.4#





#25

2-Butanone

Concen: 2.302 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY012324.D

Acq: 23 Jan 2023 19:18

Instrument :

MSVOA_Y

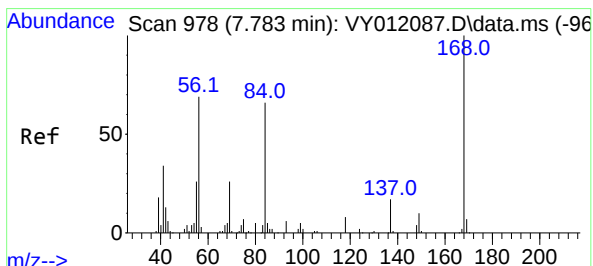
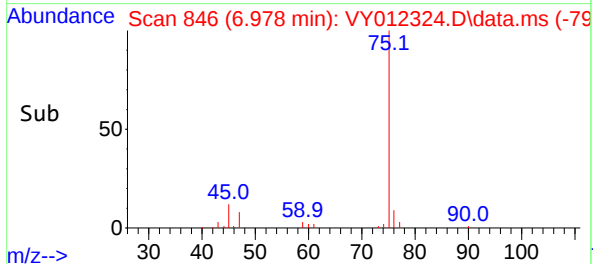
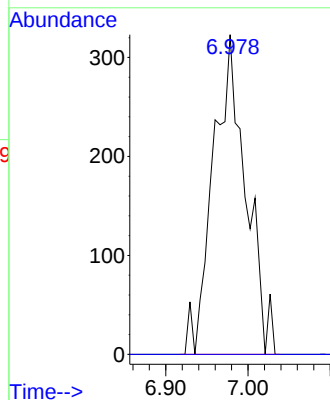
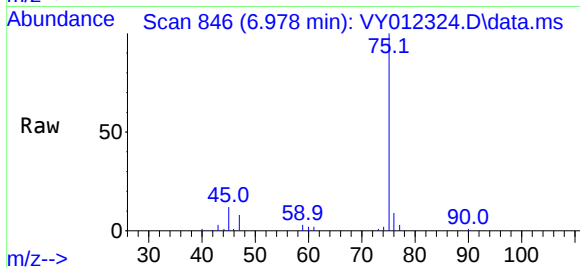
ClientSampleId :

Tgt Ion: 43 Resp: 893

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#31

Cyclohexane

Concen: 1.220 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012324.D

Acq: 23 Jan 2023 19:18

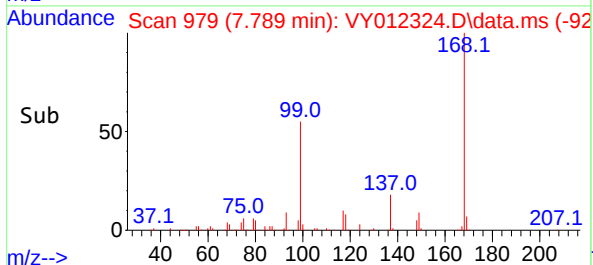
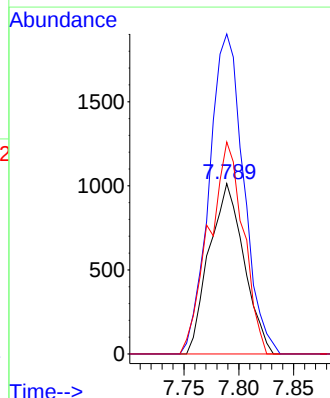
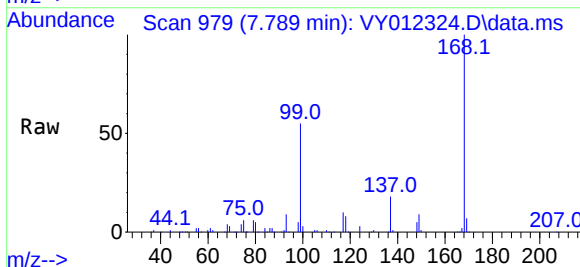
Tgt Ion: 56 Resp: 2244

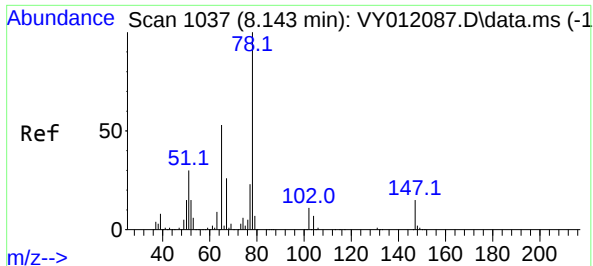
Ion Ratio Lower Upper

56 100

69 187.9 29.2 43.8#

84 124.5 72.6 108.8#

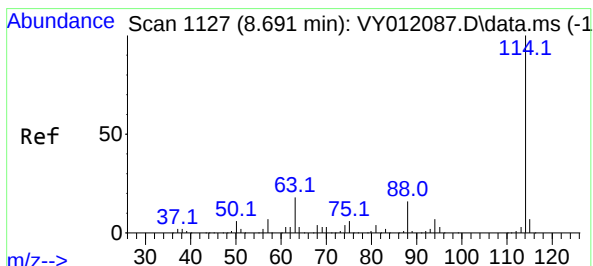
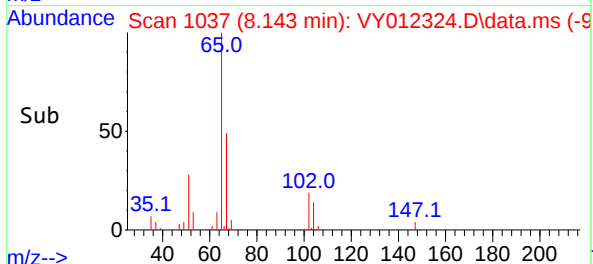
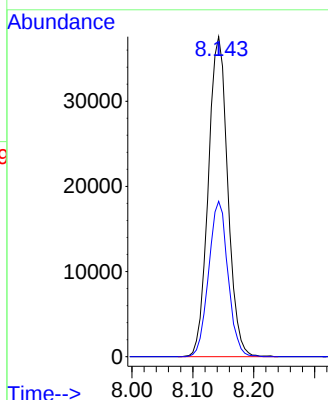
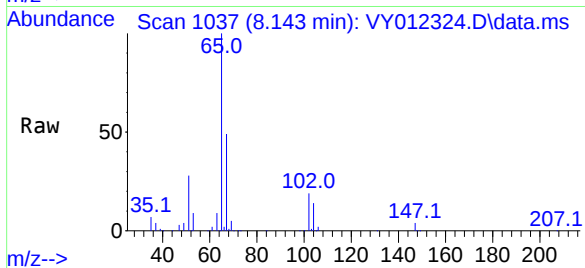




#33
1,2-Dichloroethane-d4
Concen: 82.217 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

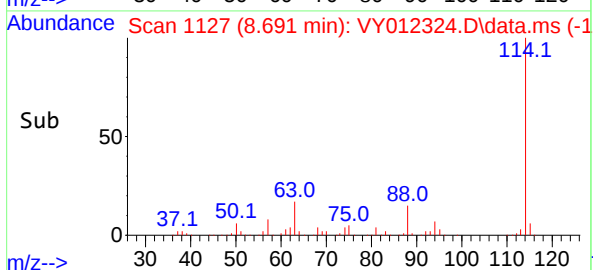
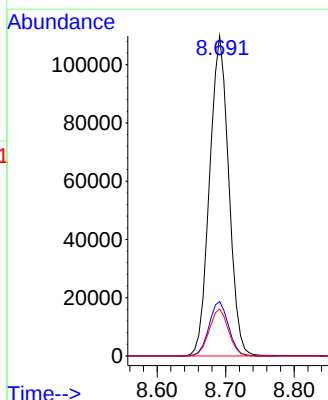
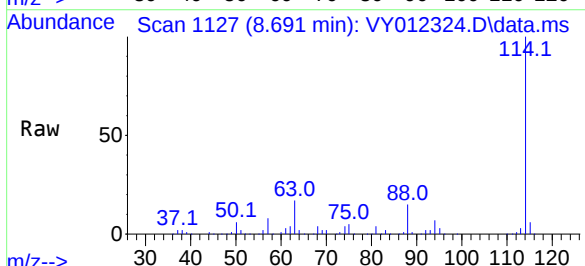
Instrument :
MSVOA_Y
ClientSampleId :

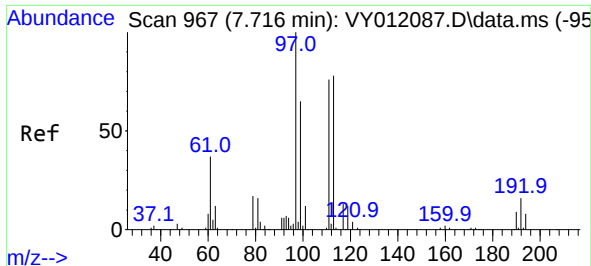
Tgt Ion: 65 Resp: 83330
Ion Ratio Lower Upper
65 100
67 48.2 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

Tgt Ion:114 Resp: 212965
Ion Ratio Lower Upper
114 100
63 17.0 0.0 39.6
88 14.6 0.0 32.2

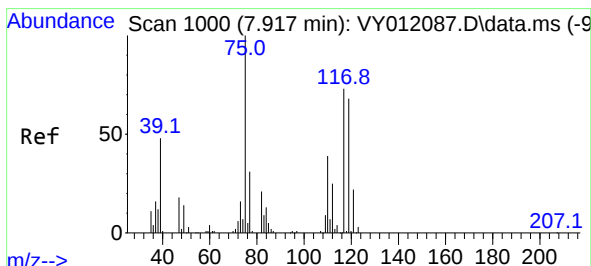
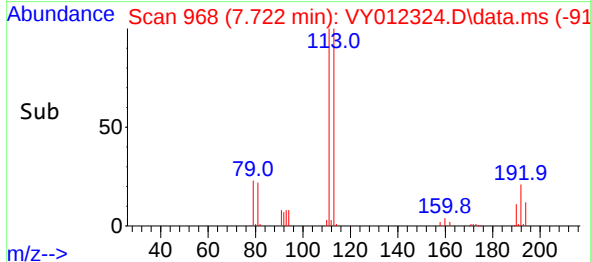
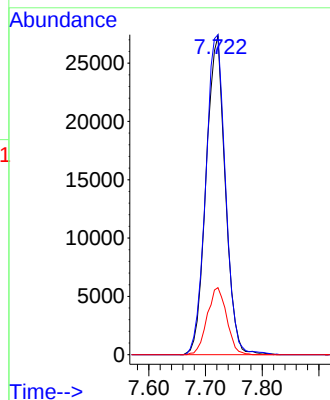
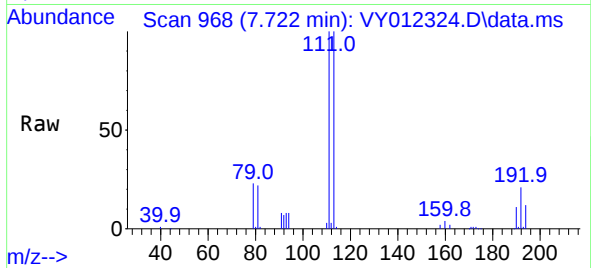




#35
Dibromofluoromethane
Concen: 56.886 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

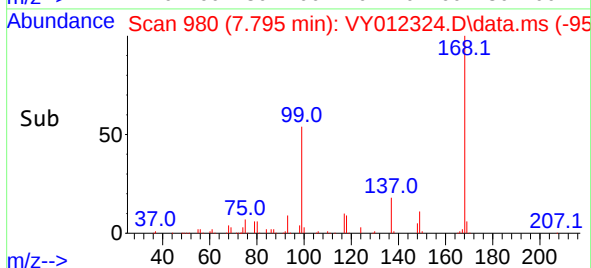
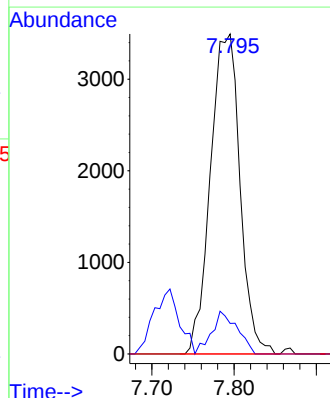
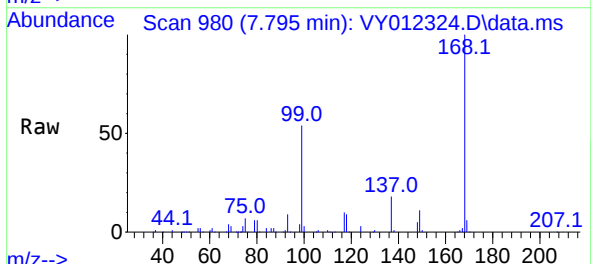
Instrument :
MSVOA_Y
ClientSampleId :

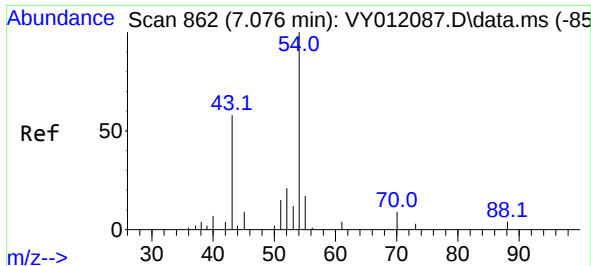
Tgt Ion:113 Resp: 64148
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.4
192 21.4 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.552 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

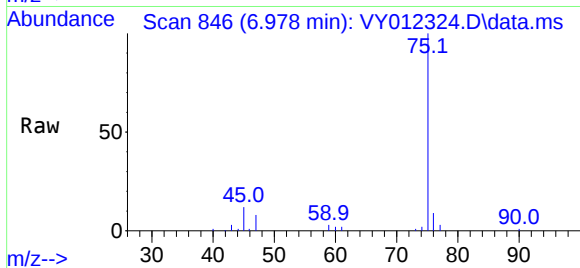
Tgt Ion: 75 Resp: 8724
Ion Ratio Lower Upper
75 100
110 11.5 18.1 54.1#
77 0.0 25.1 37.7#



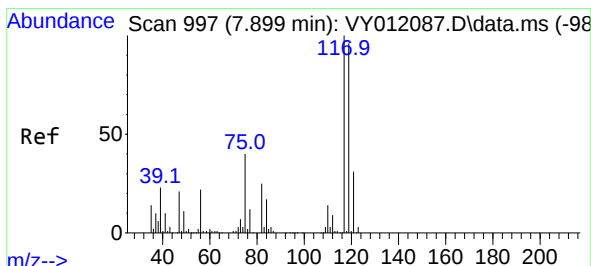
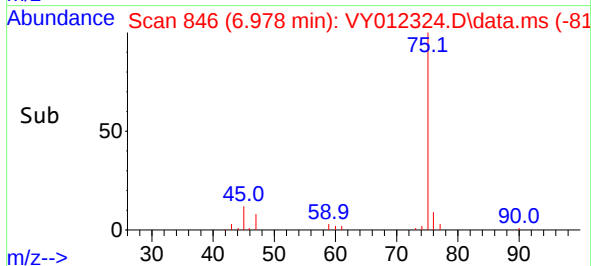
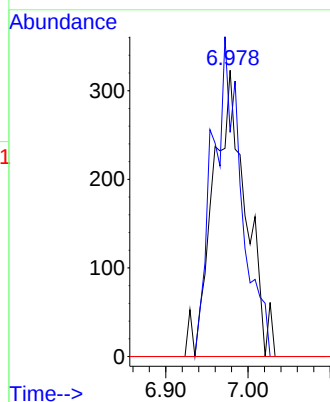


#37
Ethyl Acetate
Concen: 1.057 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.098 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

Instrument :
MSVOA_Y
ClientSampleId :

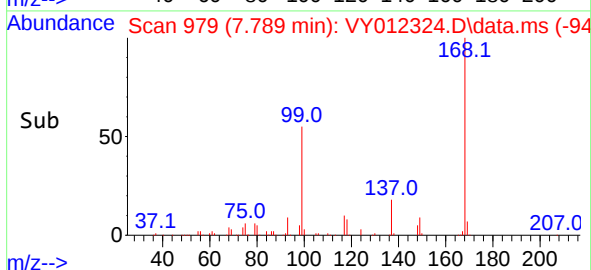
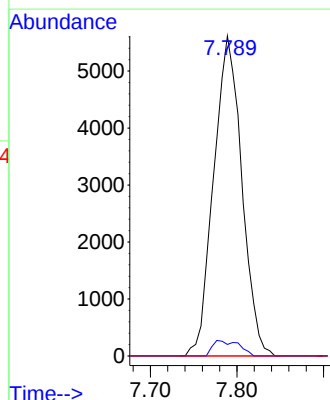
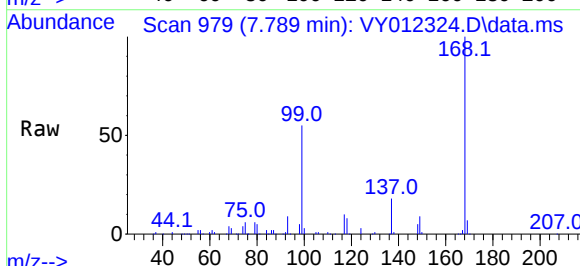


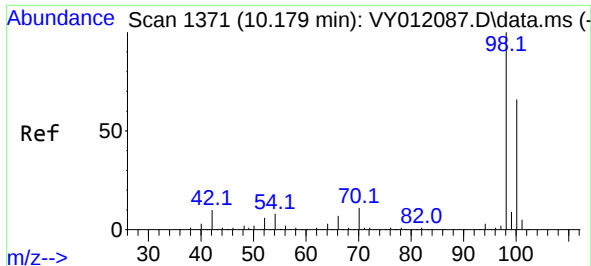
Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
61 98.7 11.3 16.9#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 5.121 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

Tgt Ion: 117 Resp: 12675
Ion Ratio Lower Upper
117 100
119 3.6 73.8 110.8#
121 0.0 25.2 37.8#

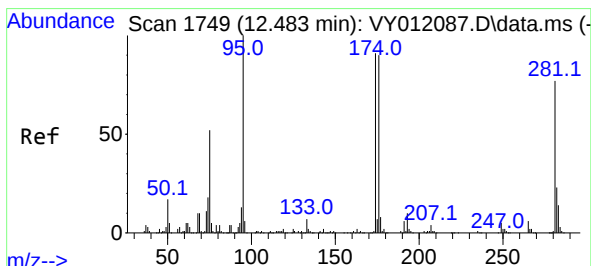
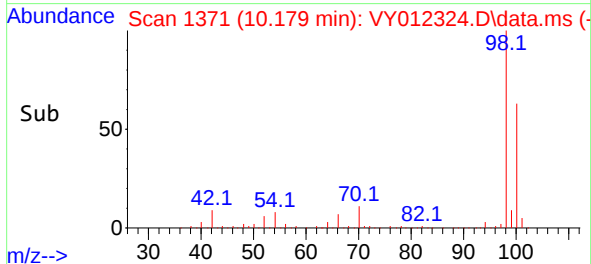
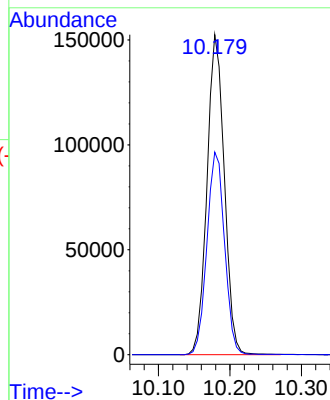
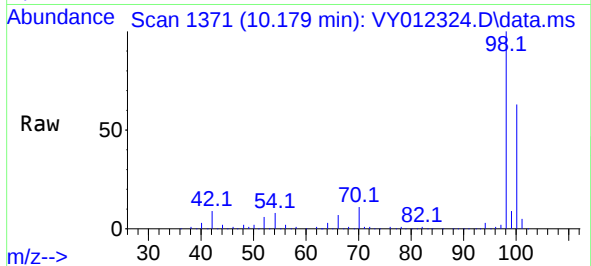




#50
Toluene-d8
Concen: 67.104 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

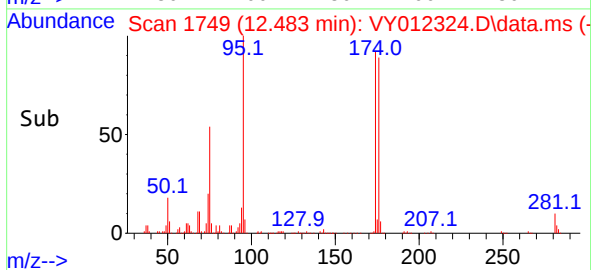
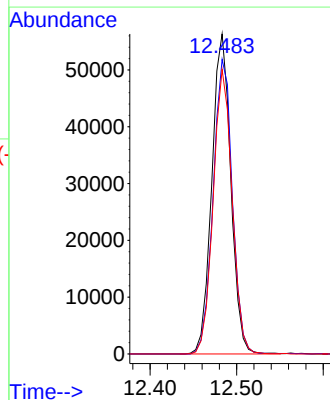
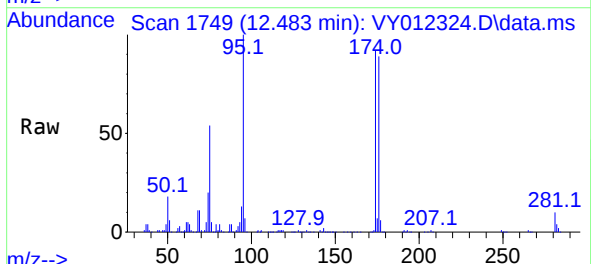
Instrument :
MSVOA_Y
ClientSampleId :

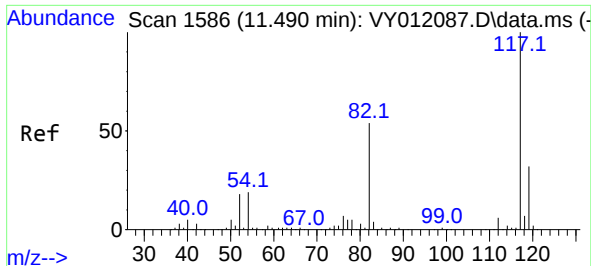
Tgt Ion: 98 Resp: 256392
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.874 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

Tgt Ion: 95 Resp: 85640
Ion Ratio Lower Upper
95 100
174 93.1 0.0 172.0
176 88.9 0.0 167.6

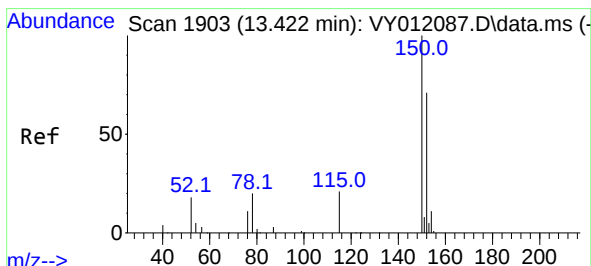
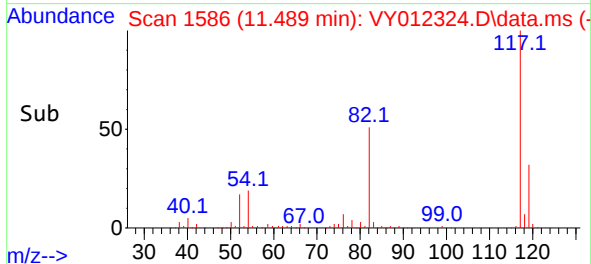
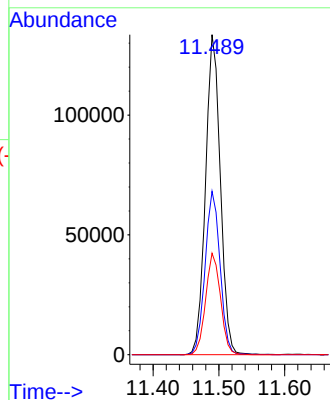
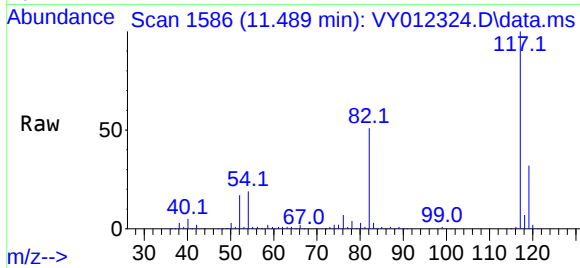




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

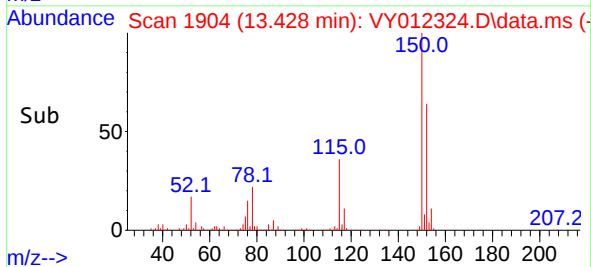
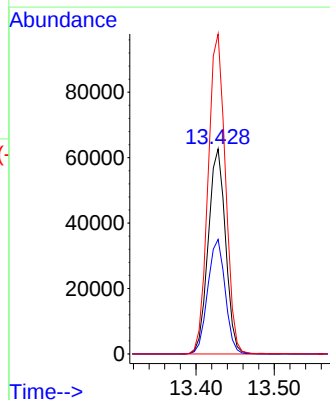
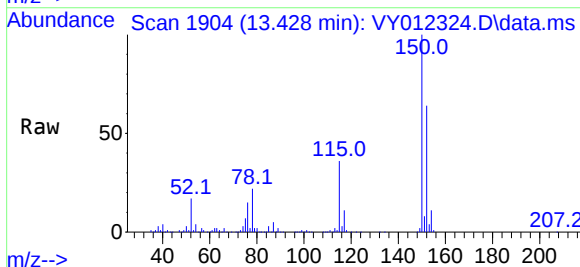
Instrument :
MSVOA_Y
ClientSampleId :

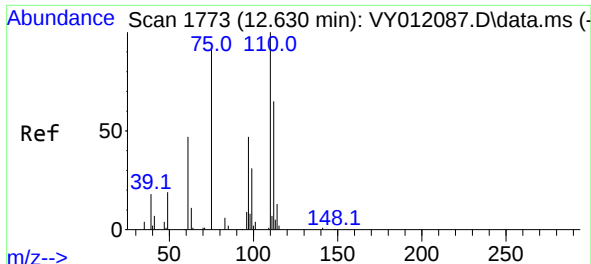
Tgt Ion:117 Resp: 209744
Ion Ratio Lower Upper
117 100
82 51.1 44.8 67.2
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

Tgt Ion:152 Resp: 96063
Ion Ratio Lower Upper
152 100
115 56.2 29.1 87.3
150 156.2 0.0 342.6

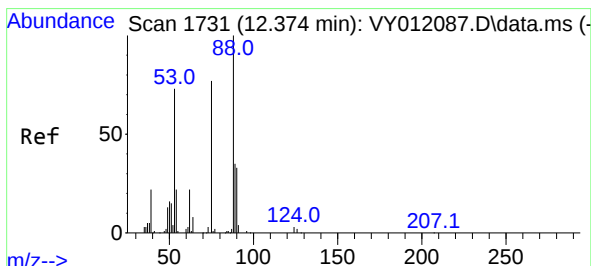
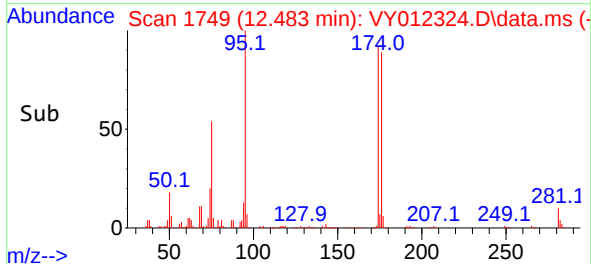
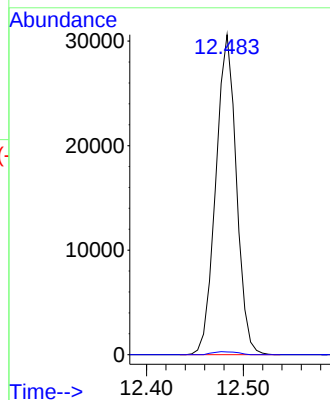
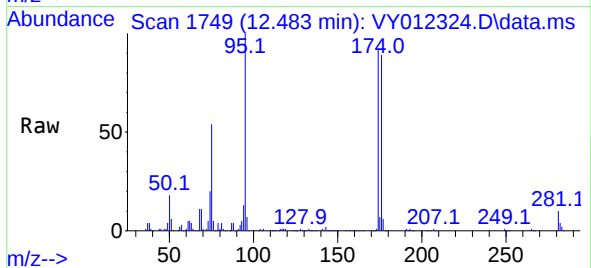




#76
1,2,3-Trichloropropane
Concen: 51.218 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45243
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.533 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

Tgt Ion: 75 Resp: 45243
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

