

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012140.D
 Acq On : 10 Jan 2023 14:33
 Operator : KP/MD
 Sample : 01089-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-2-010923

Quant Time: Jan 11 03:09:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

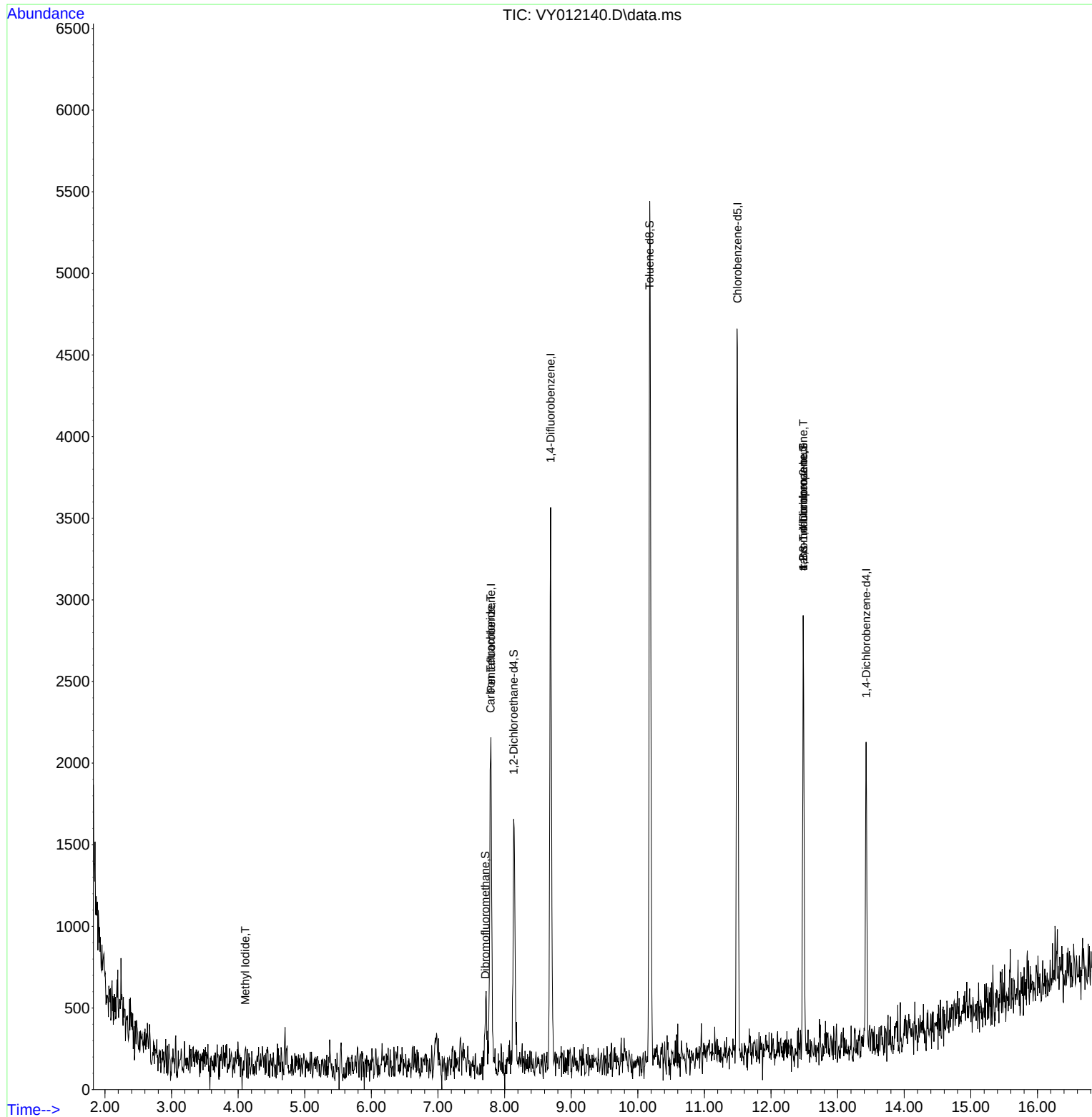
Internal Standards						
1) Pentafluorobenzene	7.795	168	2036	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	3425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3205	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1418	61.982	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 123.960%		
35) Dibromofluoromethane	7.710	113	340	15.103	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 30.200%#		
50) Toluene-d8	10.179	98	4118	46.345	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 92.700%		
62) 4-Bromofluorobenzene	12.483	95	935	30.104	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 60.200%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	21	Below Cal	#	41
10) Methyl Iodide	4.107	142	111	4.034	ug/l #	38
20) Methylene Chloride	4.704	84	98	Below Cal	#	56
38) Carbon Tetrachloride	7.789	117	157	3.622	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	518	65.370	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	518	145.177	ug/l #	13

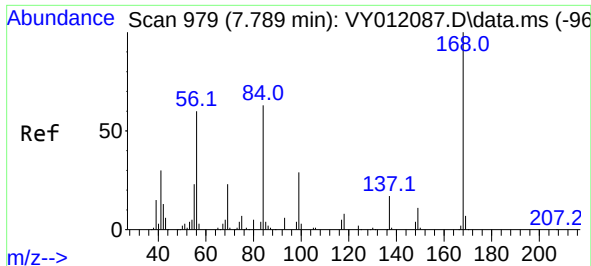
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
Data File : VY012140.D
Acq On : 10 Jan 2023 14:33
Operator : KP/MD
Sample : 01089-03
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PL-2-010923

Quant Time: Jan 11 03:09:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 07 01:46:48 2023
Response via : Initial Calibration

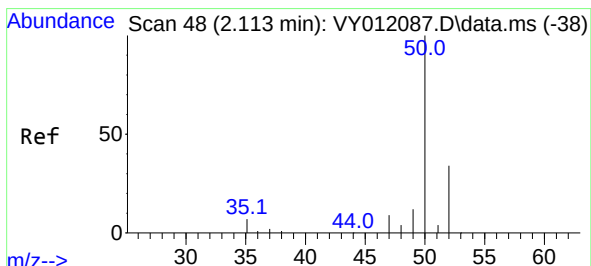
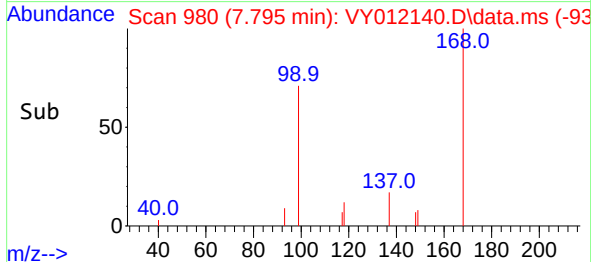
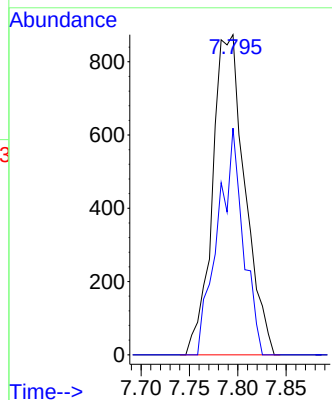
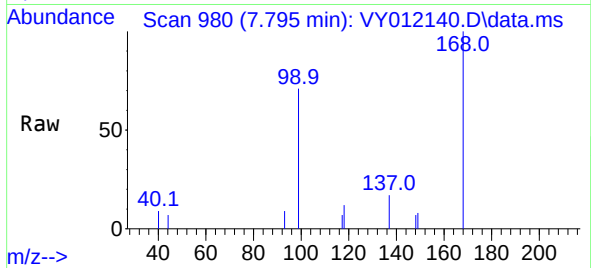




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012140.D
Acq: 10 Jan 2023 14:33

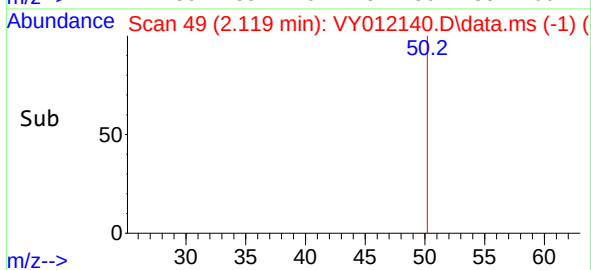
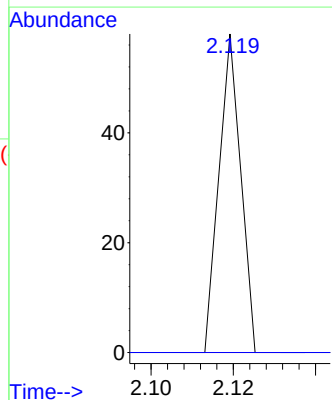
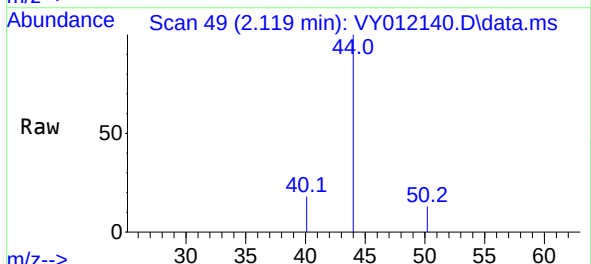
Instrument :
MSVOA_Y
ClientSampleId :
PL-2-010923

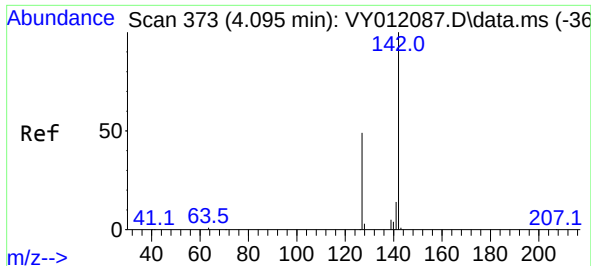
Tgt Ion:168 Resp: 2036
Ion Ratio Lower Upper
168 100
99 70.8 44.0 66.0#



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012140.D
Acq: 10 Jan 2023 14:33

Tgt Ion: 50 Resp: 21
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#





#10

Methyl Iodide

Concen: 4.034 ug/l

RT: 4.107 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY012140.D

Acq: 10 Jan 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

PL-2-010923

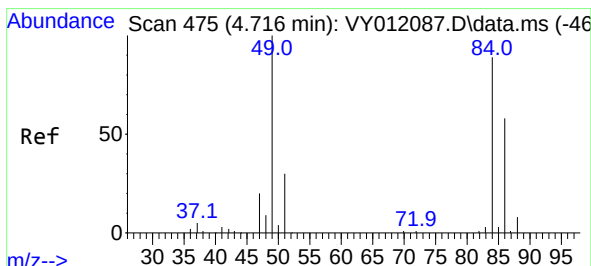
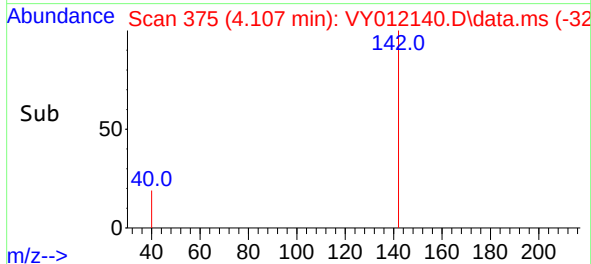
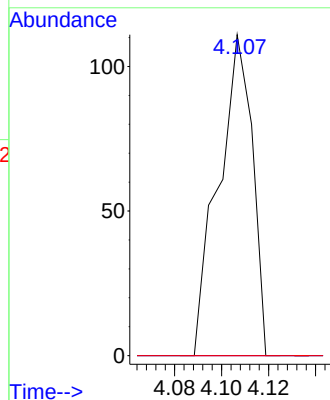
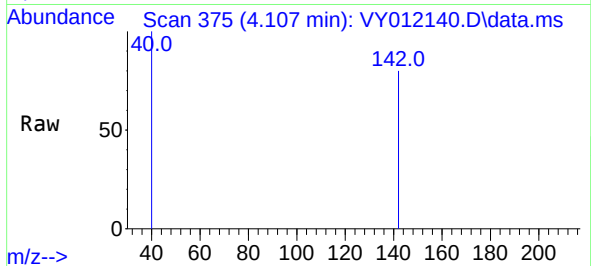
Tgt Ion:142 Resp: 111

Ion Ratio Lower Upper

142 100

127 0.0 37.0 55.4#

141 0.0 11.4 17.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY012140.D

Acq: 10 Jan 2023 14:33

Tgt Ion: 84 Resp: 98

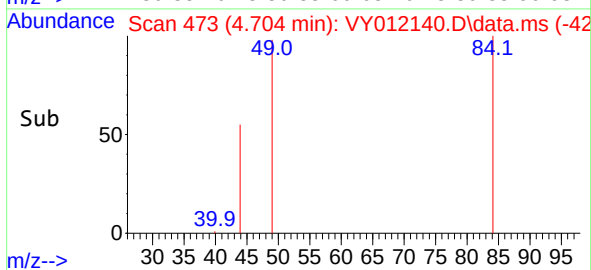
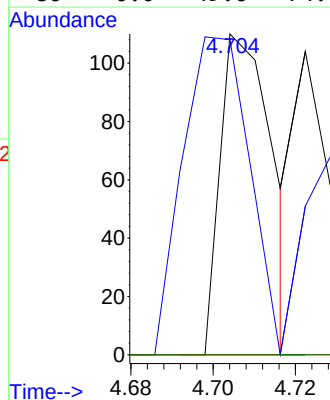
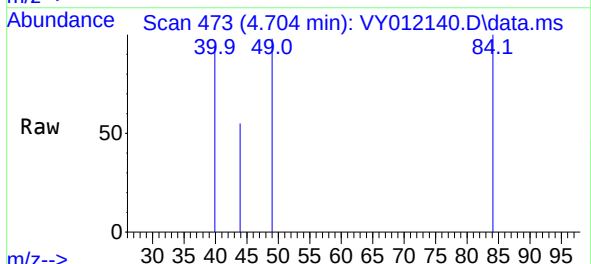
Ion Ratio Lower Upper

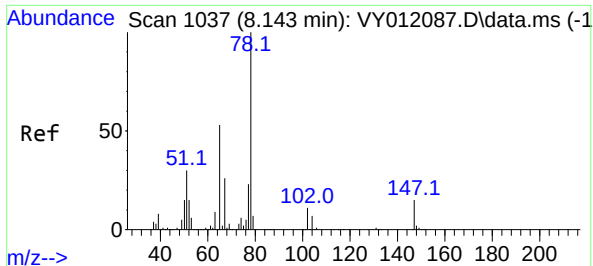
84 100

49 98.2 95.4 143.2

51 0.0 29.9 44.9#

86 0.0 49.6 74.4#





#33

1,2-Dichloroethane-d4

Concen: 61.982 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012140.D

Acq: 10 Jan 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

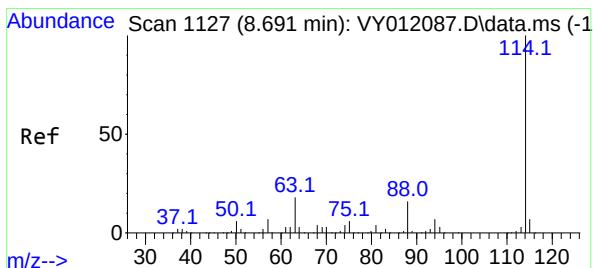
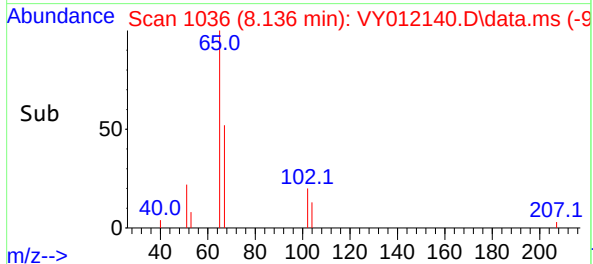
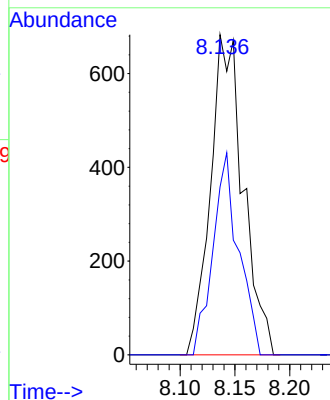
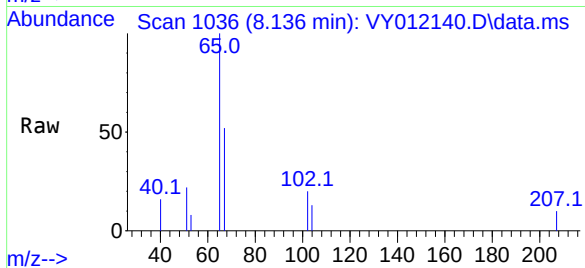
PL-2-010923

Tgt Ion: 65 Resp: 1418

Ion Ratio Lower Upper

65 100

67 49.4 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: VY012140.D

Acq: 10 Jan 2023 14:33

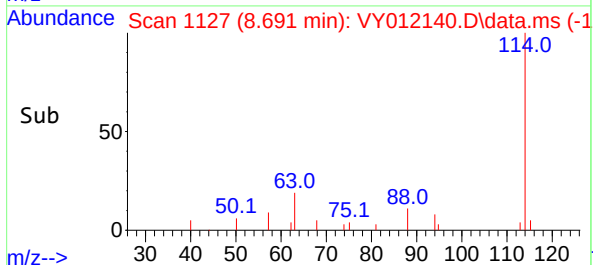
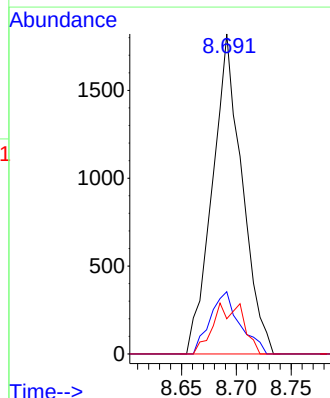
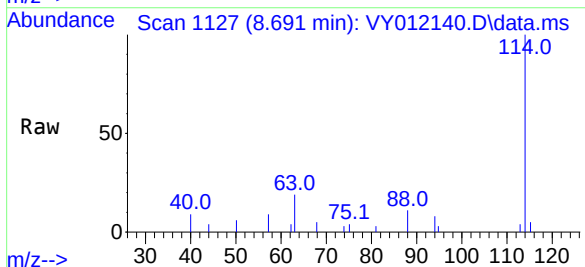
Tgt Ion: 114 Resp: 3425

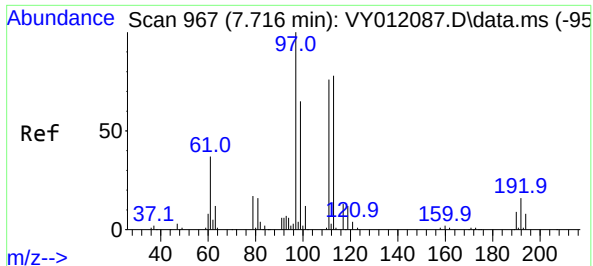
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 11.0 0.0 32.2

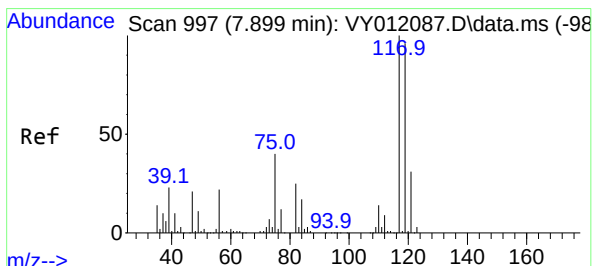
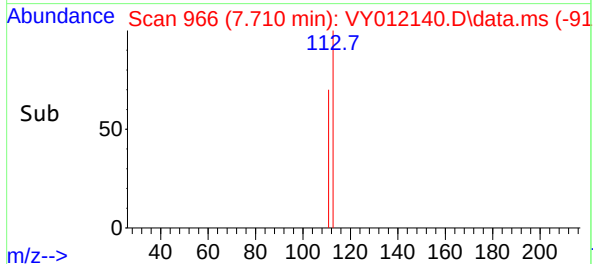
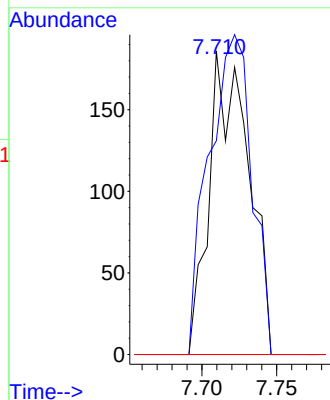
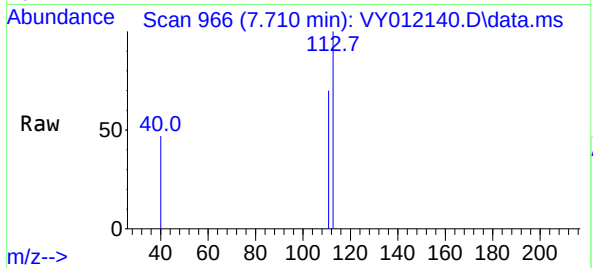




#35
Dibromofluoromethane
Concen: 15.103 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY012140.D
Acq: 10 Jan 2023 14:33

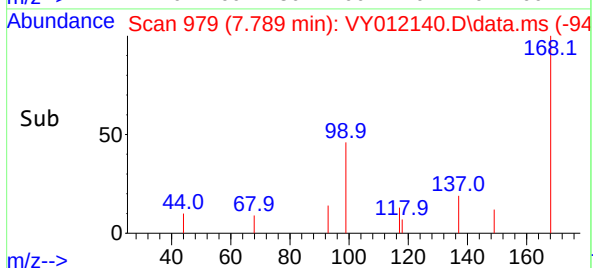
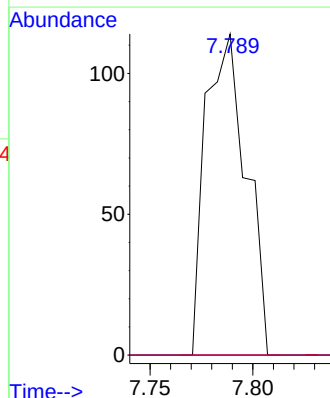
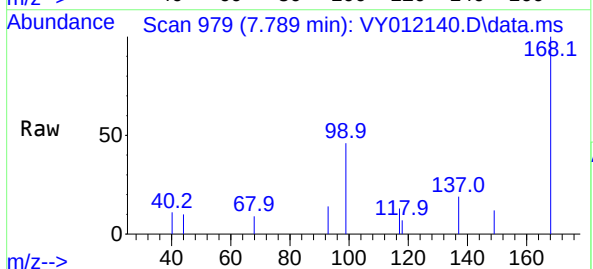
Instrument :
MSVOA_Y
ClientSampleId :
PL-2-010923

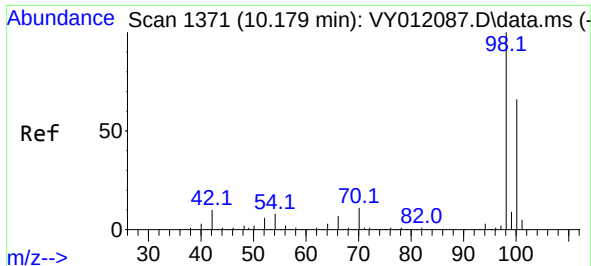
Tgt Ion:113 Resp: 340
Ion Ratio Lower Upper
113 100
111 115.0 83.0 124.4
192 0.0 16.0 24.0#



#38
Carbon Tetrachloride
Concen: 3.622 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012140.D
Acq: 10 Jan 2023 14:33

Tgt Ion:117 Resp: 157
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#

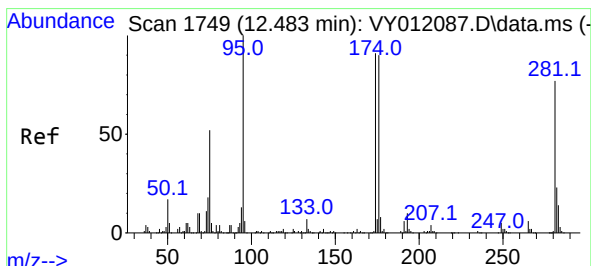
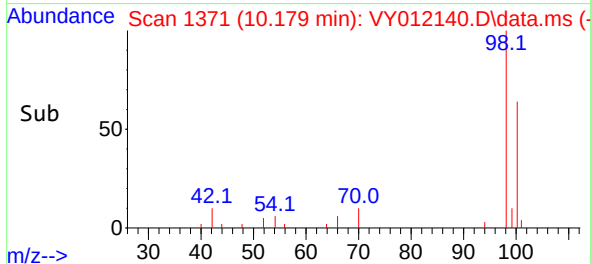
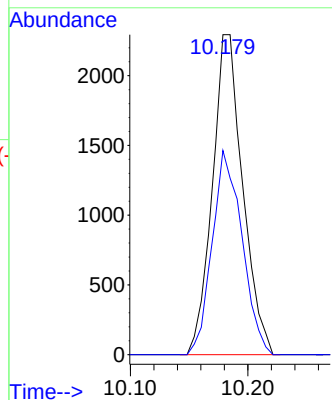
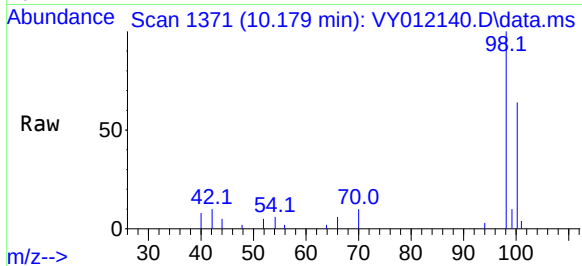




#50
Toluene-d8
Concen: 46.345 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012140.D
Acq: 10 Jan 2023 14:33

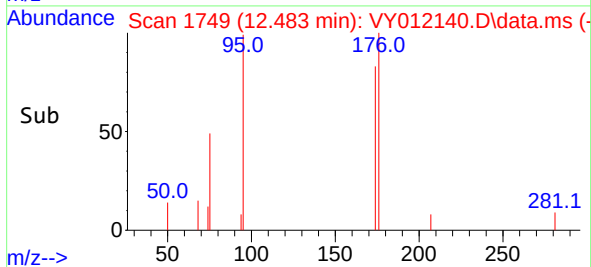
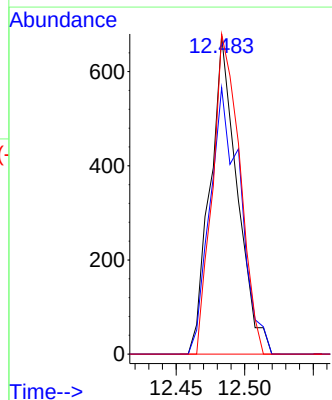
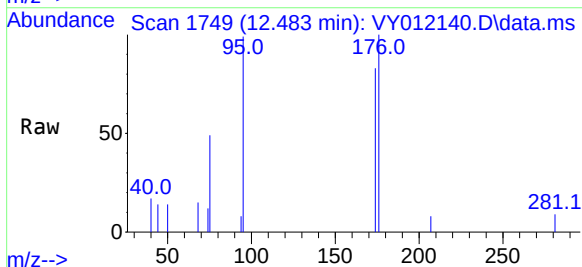
Instrument :
MSVOA_Y
ClientSampleId :
PL-2-010923

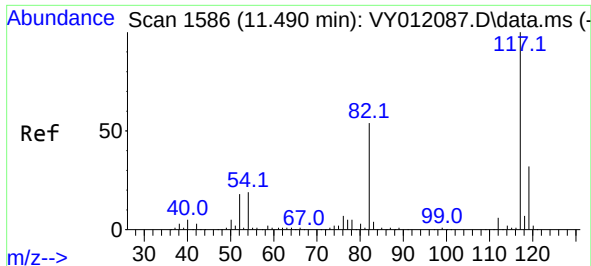
Tgt Ion: 98 Resp: 4118
Ion Ratio Lower Upper
98 100
100 62.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 30.104 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012140.D
Acq: 10 Jan 2023 14:33

Tgt Ion: 95 Resp: 935
Ion Ratio Lower Upper
95 100
174 93.4 0.0 172.0
176 100.5 0.0 167.6

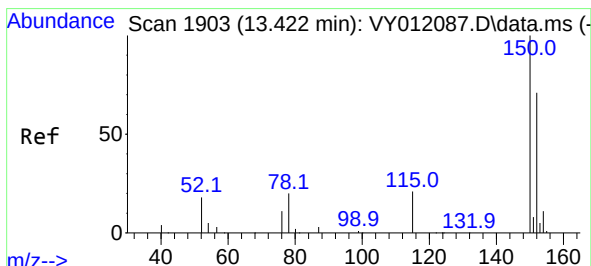
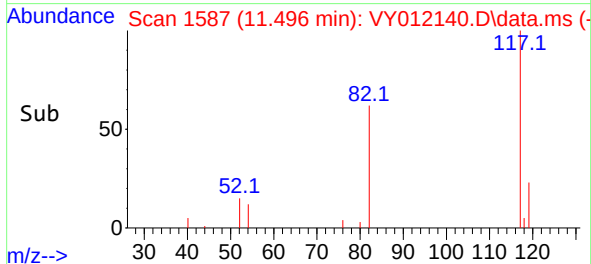
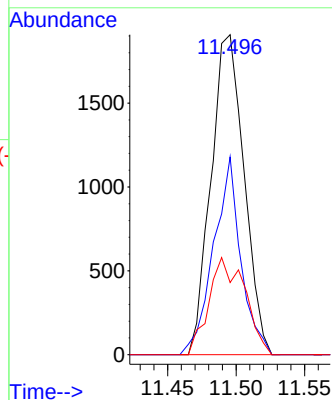
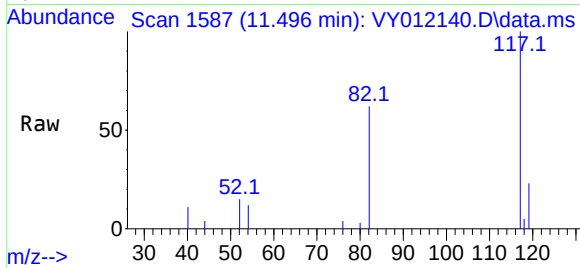




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012140.D
Acq: 10 Jan 2023 14:33

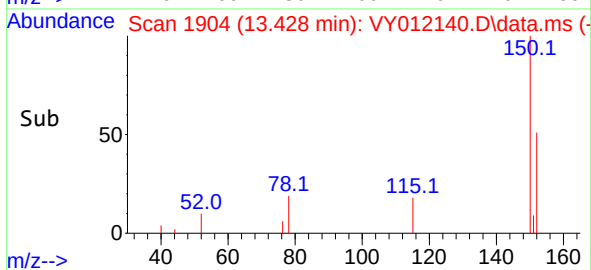
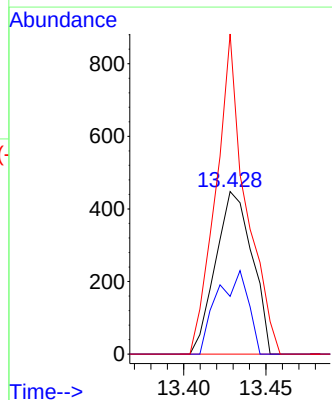
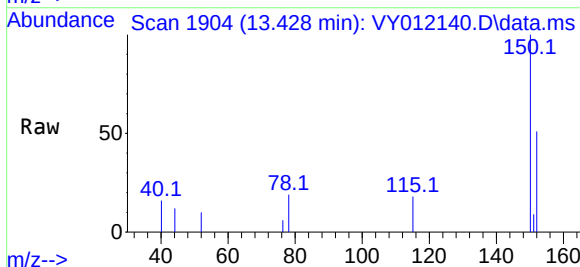
Instrument :
MSVOA_Y
ClientSampleId :
PL-2-010923

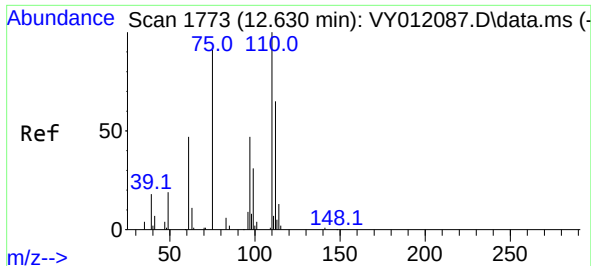
Tgt Ion:117 Resp: 3205
Ion Ratio Lower Upper
117 100
82 61.8 44.8 67.2
119 22.5 25.4 38.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012140.D
Acq: 10 Jan 2023 14:33

Tgt Ion:152 Resp: 694
Ion Ratio Lower Upper
152 100
115 43.8 29.1 87.3
150 161.1 0.0 342.6

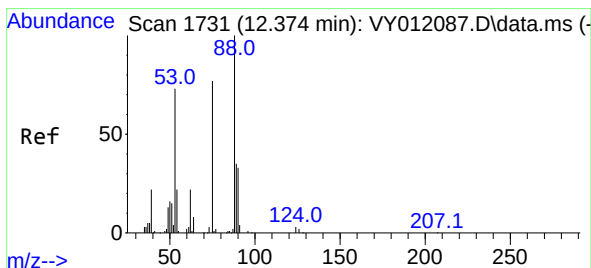
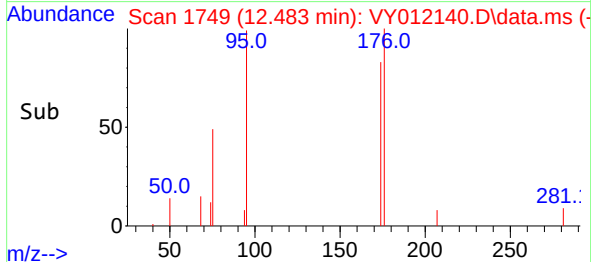
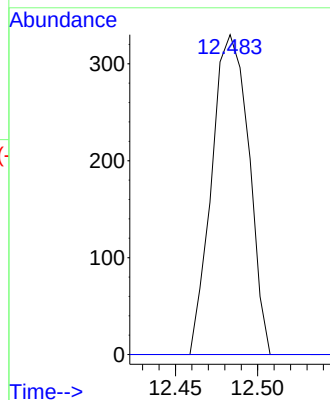
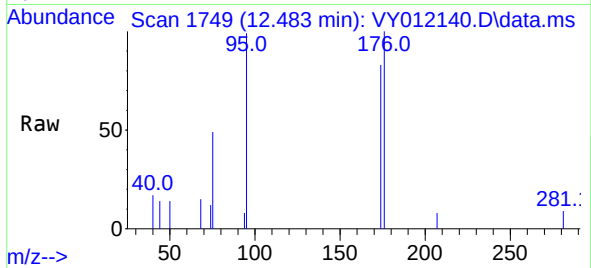




#76
1,2,3-Trichloropropane
Concen: 65.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012140.D
Acq: 10 Jan 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :
PL-2-010923

Tgt Ion: 75 Resp: 518
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 145.177 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012140.D
Acq: 10 Jan 2023 14:33

Tgt Ion: 75 Resp: 518
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

