

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012316.D
 Acq On : 23 Jan 2023 16:11
 Operator : KP/MD
 Sample : 01233-08
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 16:34:31 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)

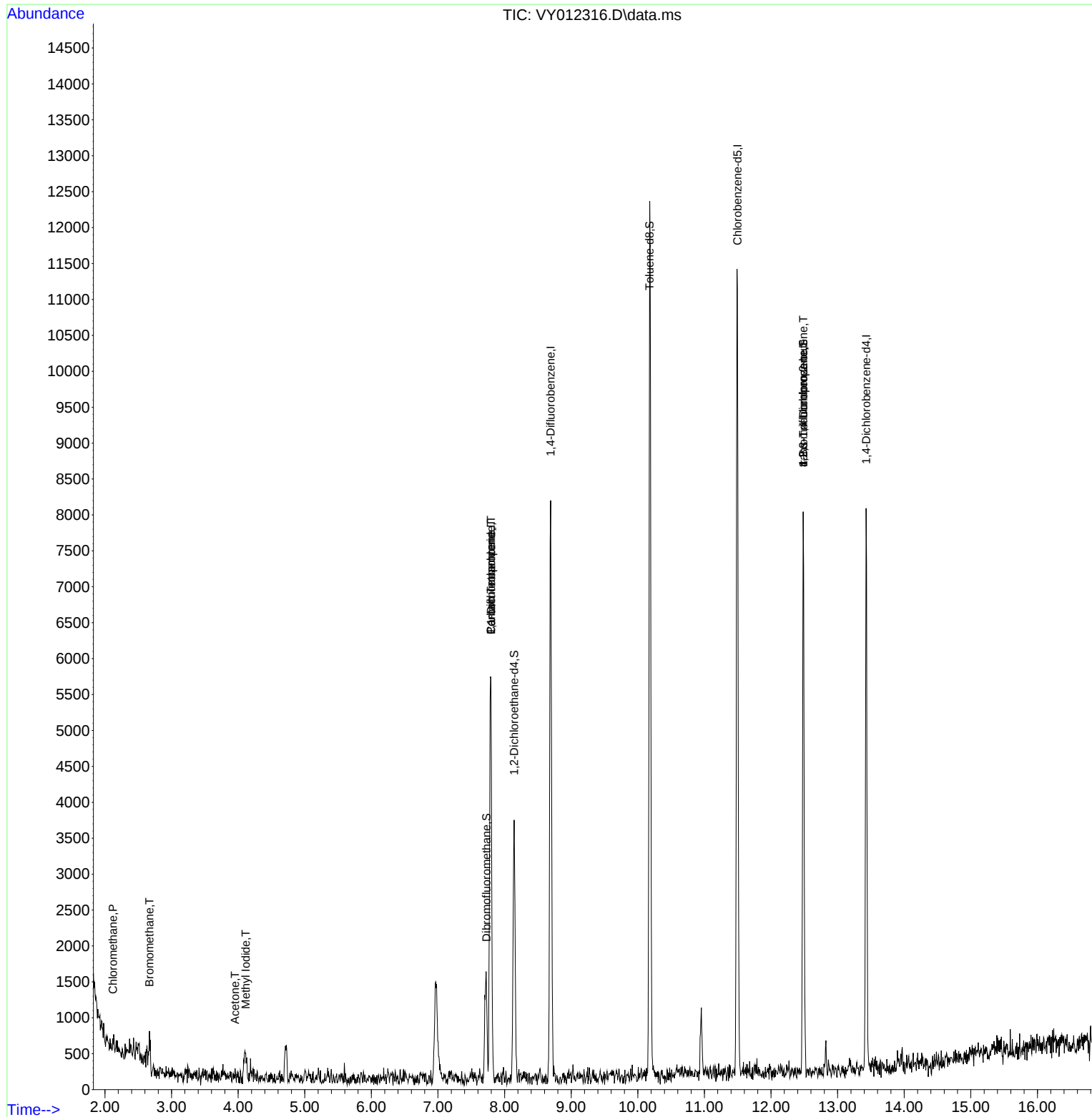
Internal Standards						
1) Pentafluorobenzene	7.795	168	4898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	7433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3188	80.959	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.920%	
35) Dibromofluoromethane	7.728	113	1109	26.164	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 52.320%#	
50) Toluene-d8	10.179	98	9489	65.998	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.000%	
62) 4-Bromofluorobenzene	12.483	95	2573	43.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.120%	
Target Compounds						Qvalue
3) Chloromethane	2.119	50	79	1.999	ug/l #	41
5) Bromomethane	2.668	94	147	4.122	ug/l #	67
10) Methyl Iodide	4.113	142	533	8.006	ug/l #	85
16) Acetone	3.954	43	36	2.640	ug/l #	40
20) Methylene Chloride	4.704	84	383	Below Cal	#	40
36) 1,1-Dichloropropene	7.795	75	289	4.012	ug/l #	41
38) Carbon Tetrachloride	7.795	117	500	5.374	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	1213	51.329	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1213	105.759	ug/l #	13

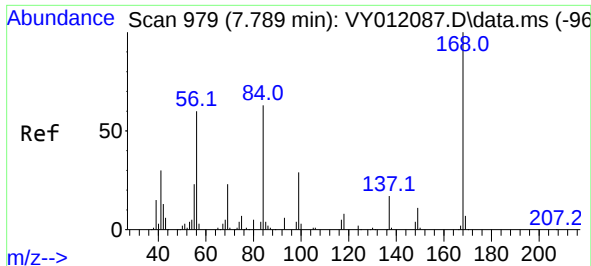
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
Data File : VY012316.D
Acq On : 23 Jan 2023 16:11
Operator : KP/MD
Sample : 01233-08
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

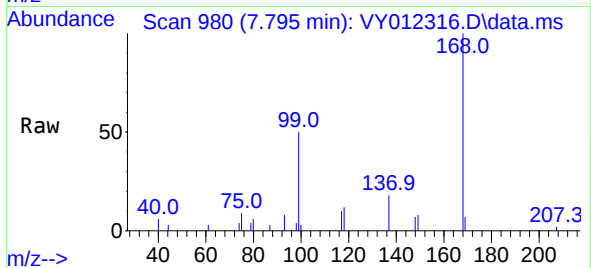
Quant Time: Jan 23 16:34:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration



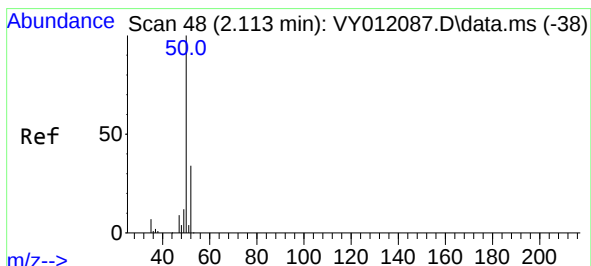
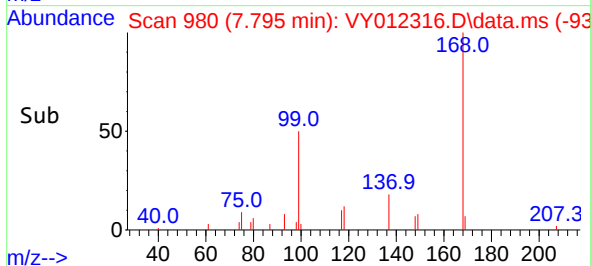
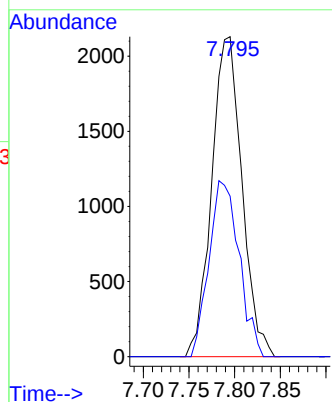


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :

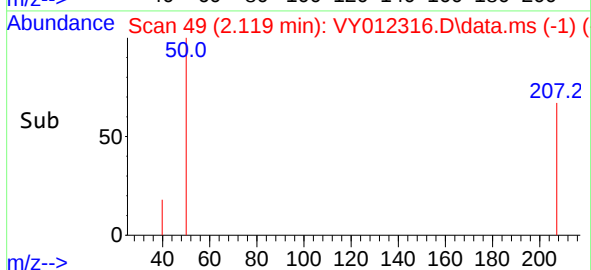
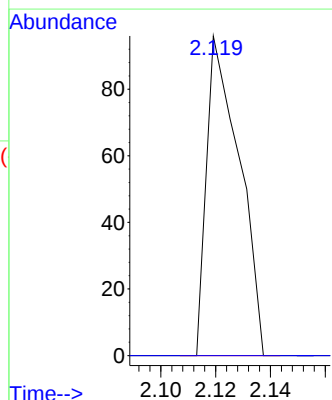
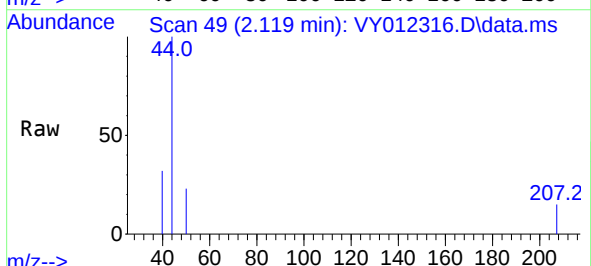


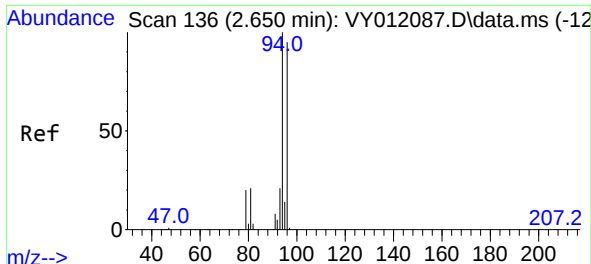
Tgt Ion:168 Resp: 4898
Ion Ratio Lower Upper
168 100
99 50.1 44.0 66.0



#3
Chloromethane
Concen: 1.999 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

Tgt Ion: 50 Resp: 79
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

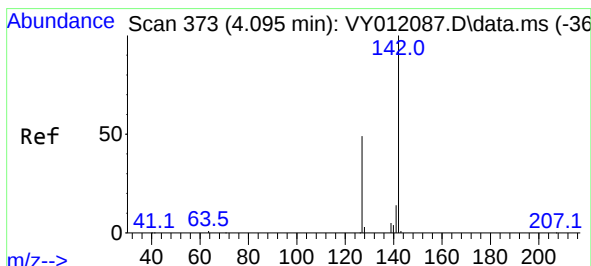
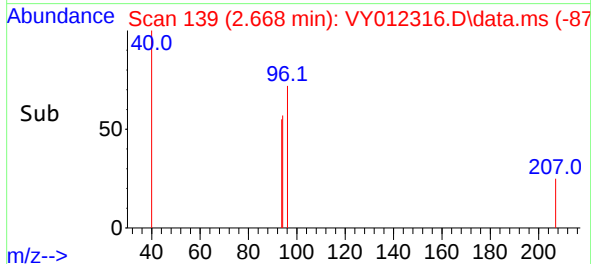
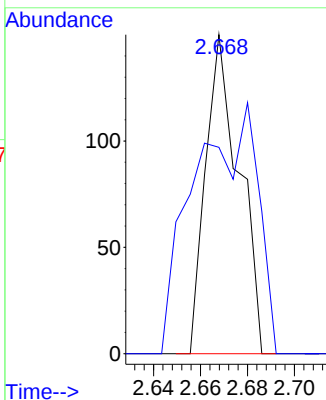
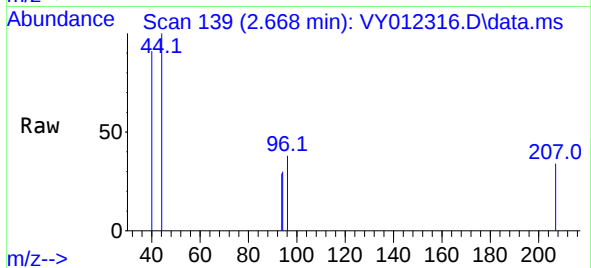




#5
Bromomethane
Concen: 4.122 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

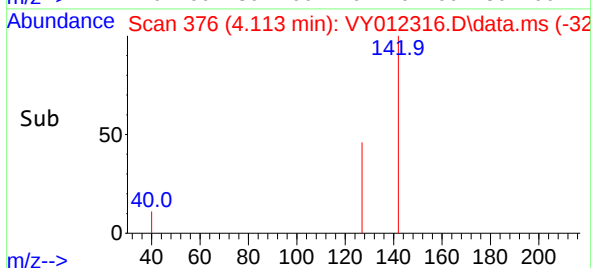
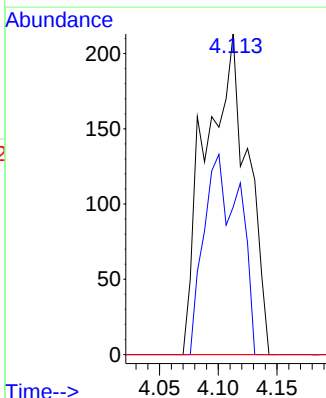
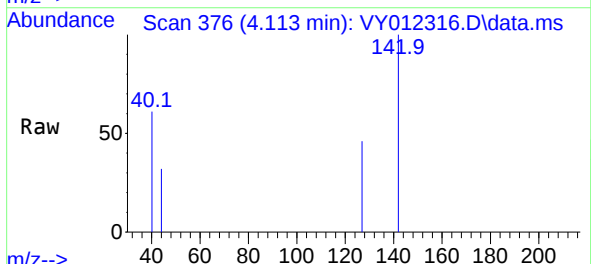
Instrument :
MSVOA_Y
ClientSampleId :

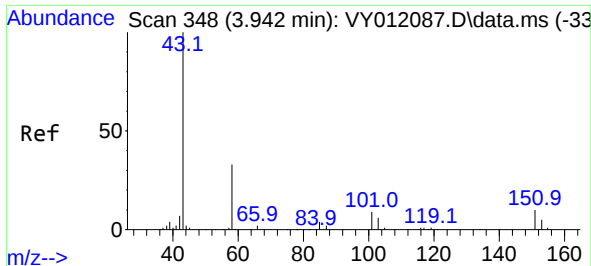
Tgt Ion: 94 Resp: 147
Ion Ratio Lower Upper
94 100
96 64.7 77.4 116.2#



#10
Methyl Iodide
Concen: 8.006 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.018 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

Tgt Ion: 142 Resp: 533
Ion Ratio Lower Upper
142 100
127 52.3 37.0 55.4
141 0.0 11.4 17.0#

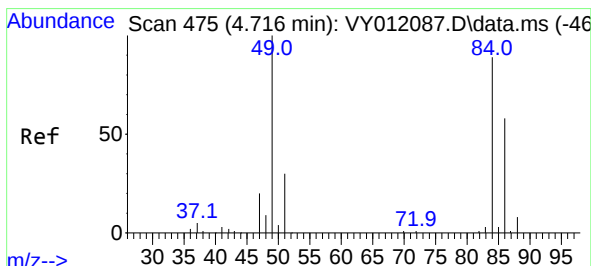
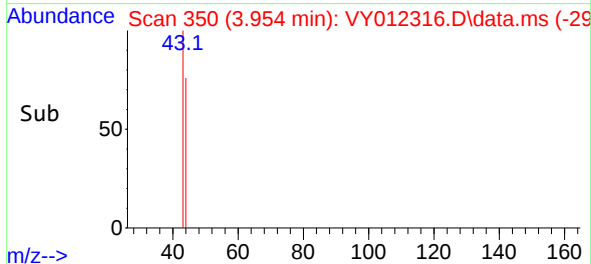
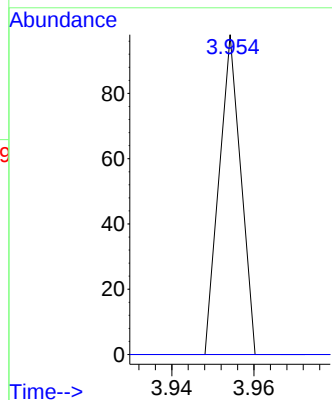
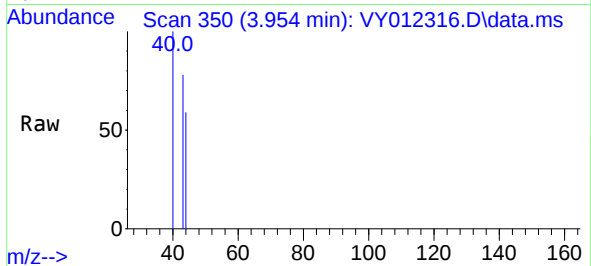




#16
Acetone
Concen: 2.640 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

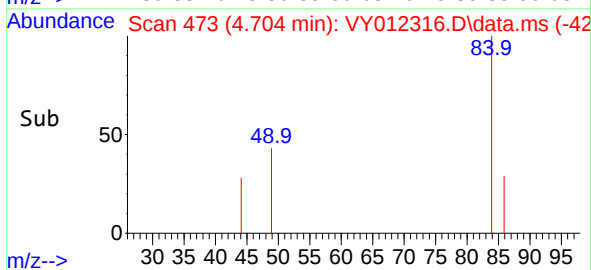
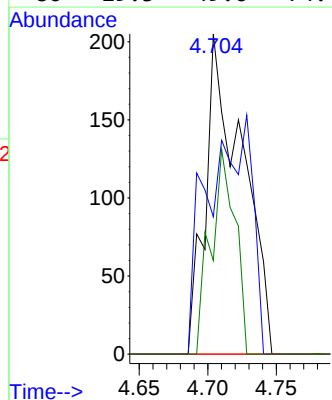
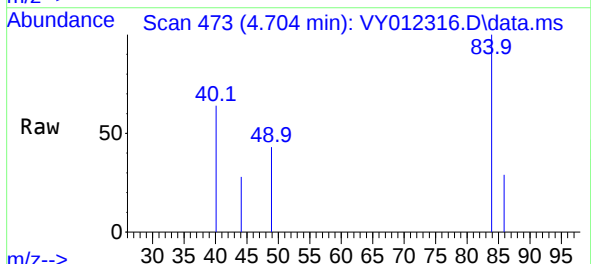
Instrument :
MSVOA_Y
ClientSampleId :

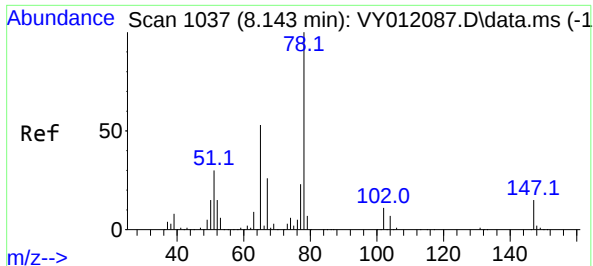
Tgt Ion: 43 Resp: 36
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

Tgt Ion: 84 Resp: 383
Ion Ratio Lower Upper
84 100
49 42.9 95.4 143.2#
51 0.0 29.9 44.9#
86 29.3 49.6 74.4#





#33

1,2-Dichloroethane-d4

Concen: 80.959 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012316.D

Acq: 23 Jan 2023 16:11

Instrument :

MSVOA_Y

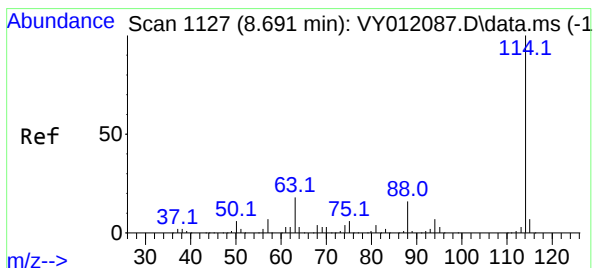
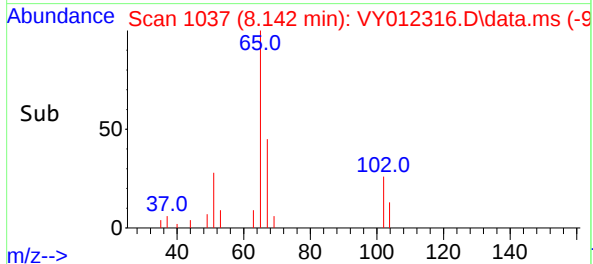
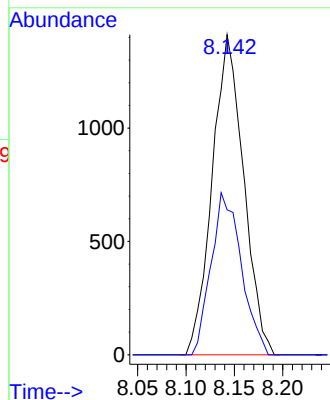
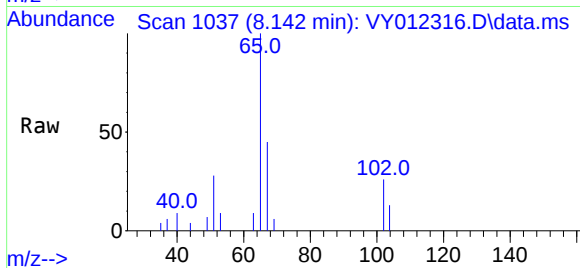
ClientSampleId :

Tgt Ion: 65 Resp: 3188

Ion Ratio Lower Upper

65 100

67 48.7 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: VY012316.D

Acq: 23 Jan 2023 16:11

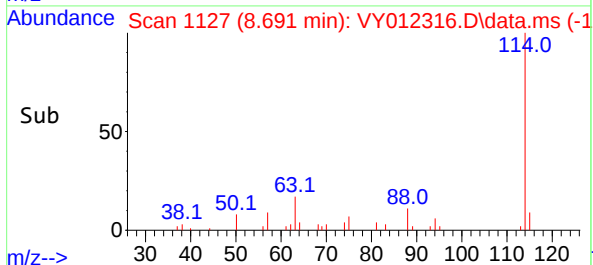
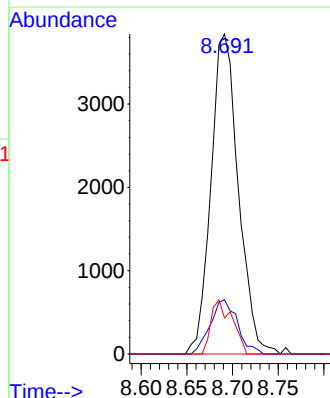
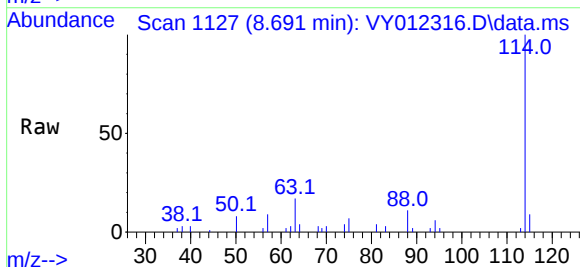
Tgt Ion: 114 Resp: 8005

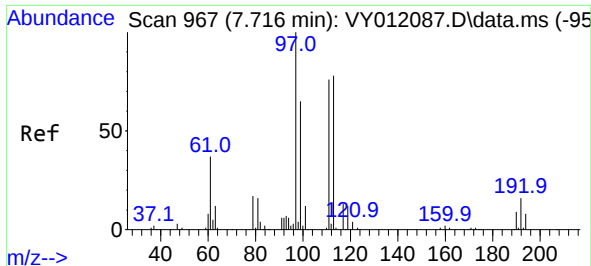
Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

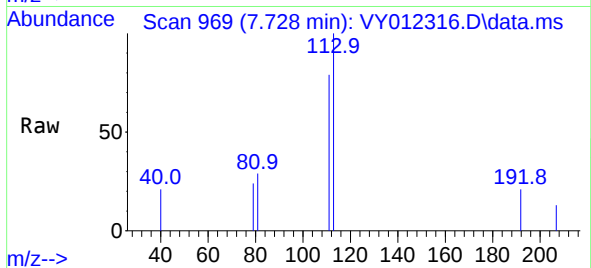
88 11.3 0.0 32.2



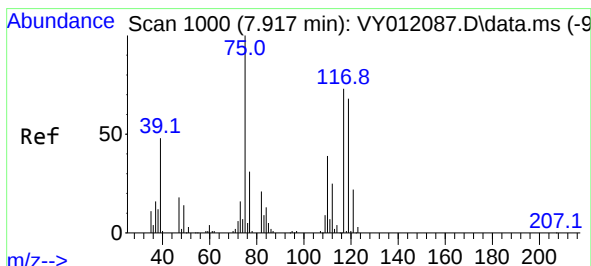
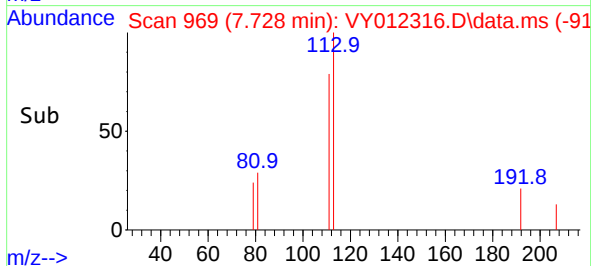
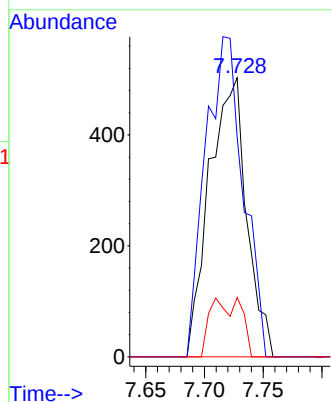


#35
Dibromofluoromethane
Concen: 26.164 ug/l
RT: 7.728 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :

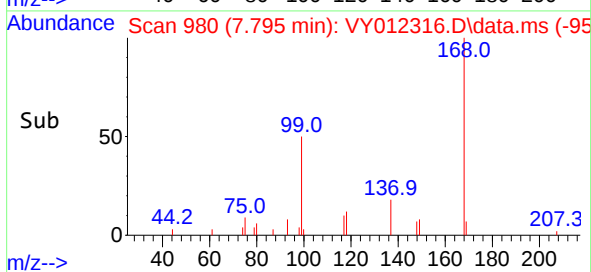
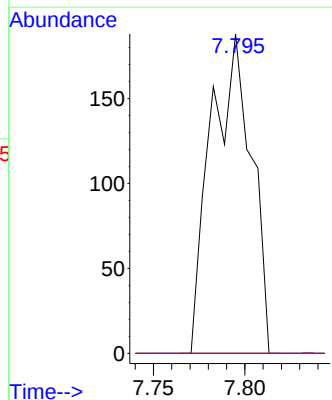
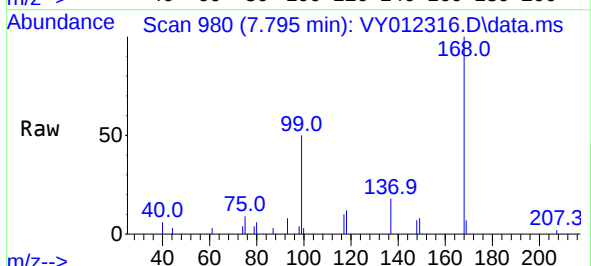


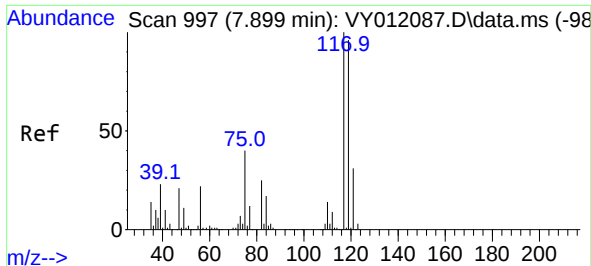
Tgt Ion:113 Resp: 1109
Ion Ratio Lower Upper
113 100
111 116.1 83.0 124.4
192 17.4 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.012 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

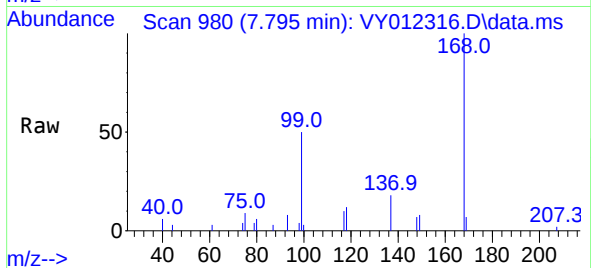
Tgt Ion: 75 Resp: 289
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.1#
77 0.0 25.1 37.7#



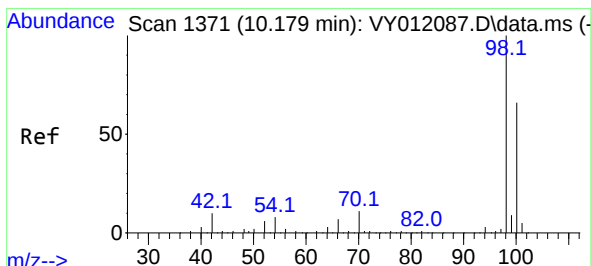
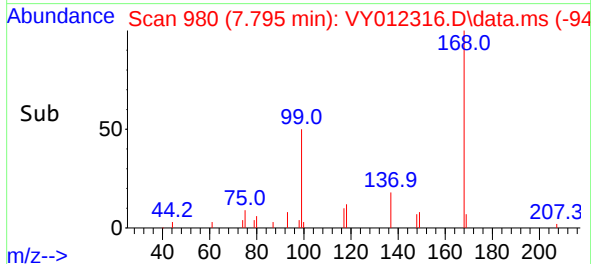
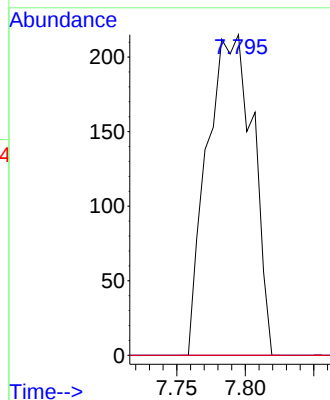


#38
Carbon Tetrachloride
Concen: 5.374 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :

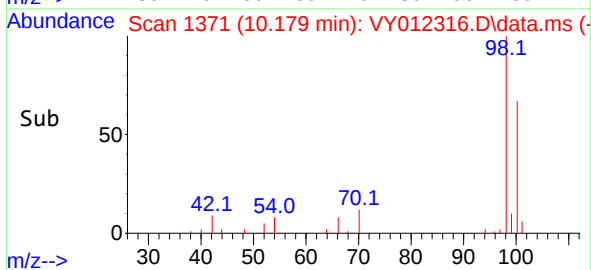
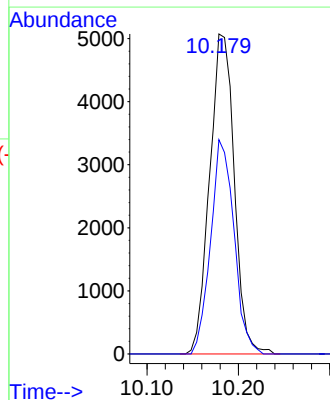
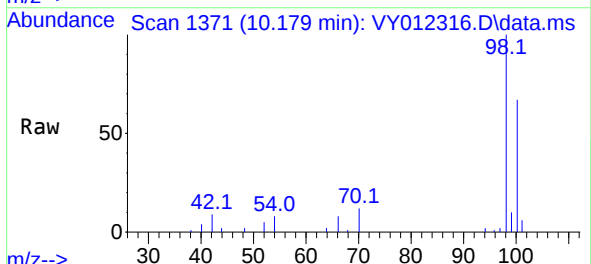


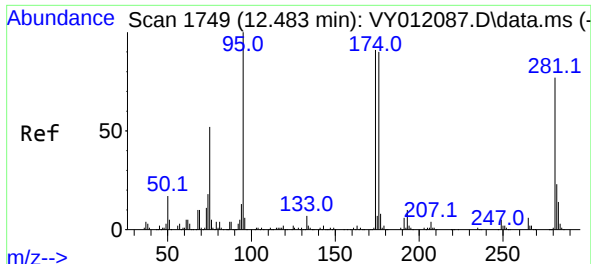
Tgt Ion:117 Resp: 500
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 65.998 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

Tgt Ion: 98 Resp: 9489
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

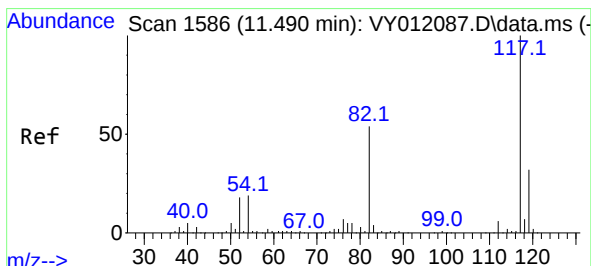
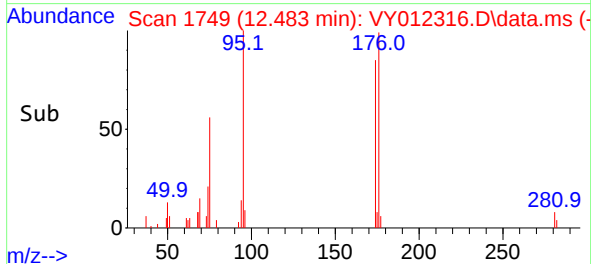
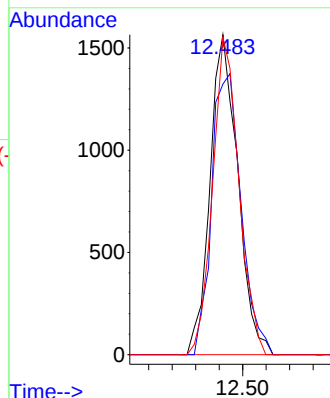
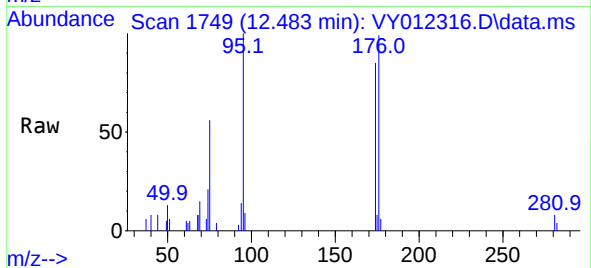




#62
4-Bromofluorobenzene
Concen: 43.061 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

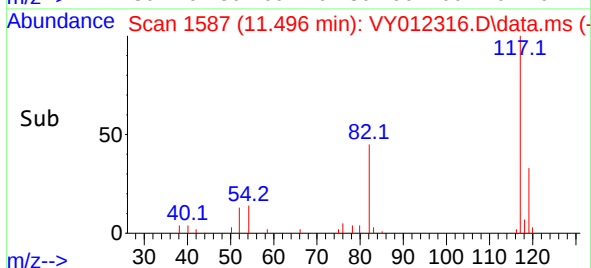
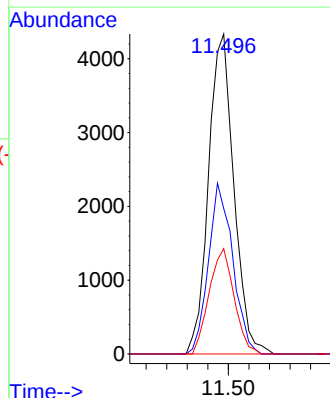
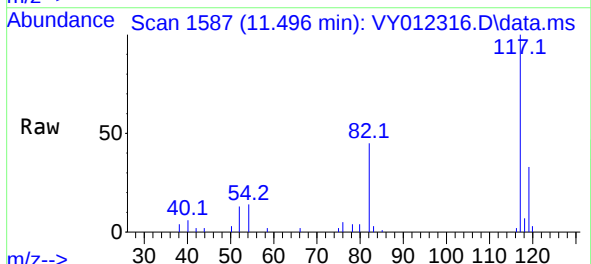
Instrument :
MSVOA_Y
ClientSampleId :

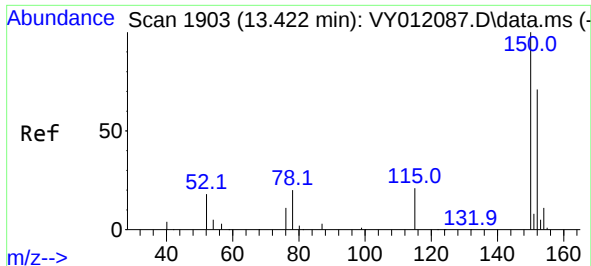
Tgt Ion: 95 Resp: 2573
Ion Ratio Lower Upper
95 100
174 93.0 0.0 172.0
176 93.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.005 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

Tgt Ion: 117 Resp: 7433
Ion Ratio Lower Upper
117 100
82 45.4 44.8 67.2
119 32.9 25.4 38.2

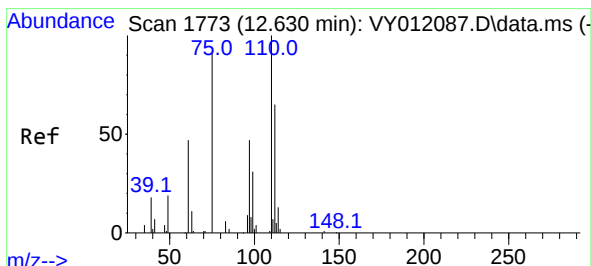
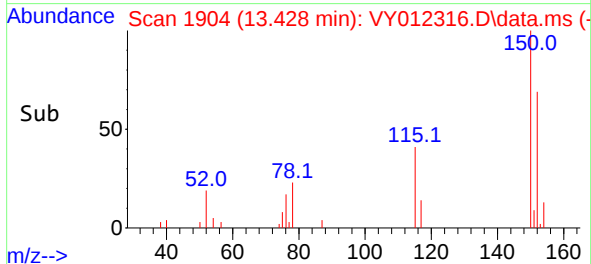
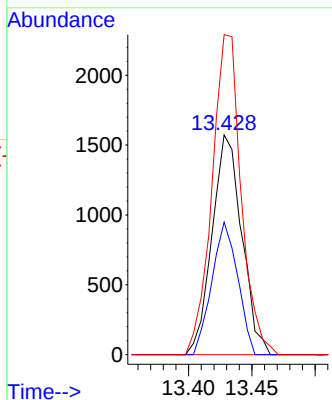
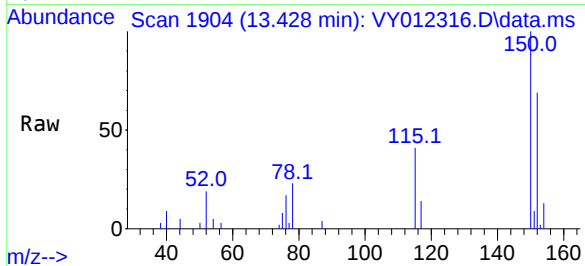




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

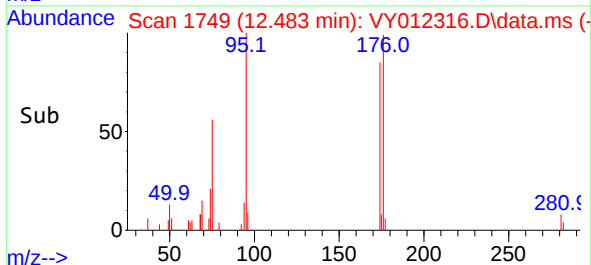
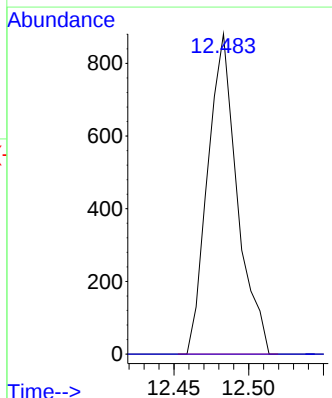
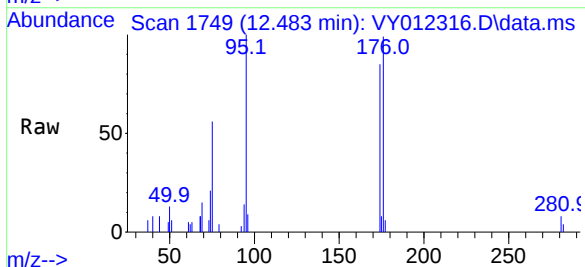
Instrument :
MSVOA_Y
ClientSampleId :

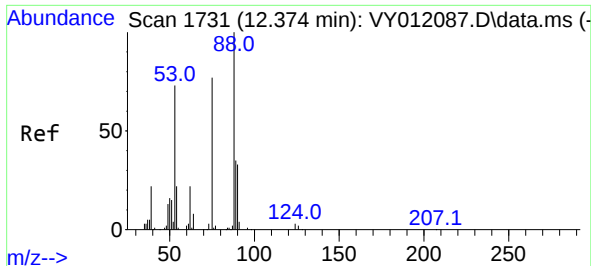
Tgt Ion:152 Resp: 2570
Ion Ratio Lower Upper
152 100
115 52.3 29.1 87.3
150 142.8 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 51.329 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

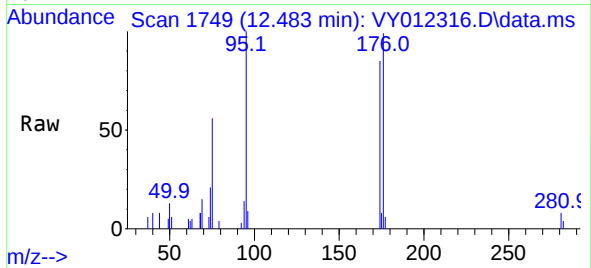
Tgt Ion: 75 Resp: 1213
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 105.759 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 1213
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

