

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
 Data File : VY012460.D
 Acq On : 02 Feb 2023 17:01
 Operator : KP/MD
 Sample : 01390-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILE-2

Quant Time: Feb 03 03:13:16 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)

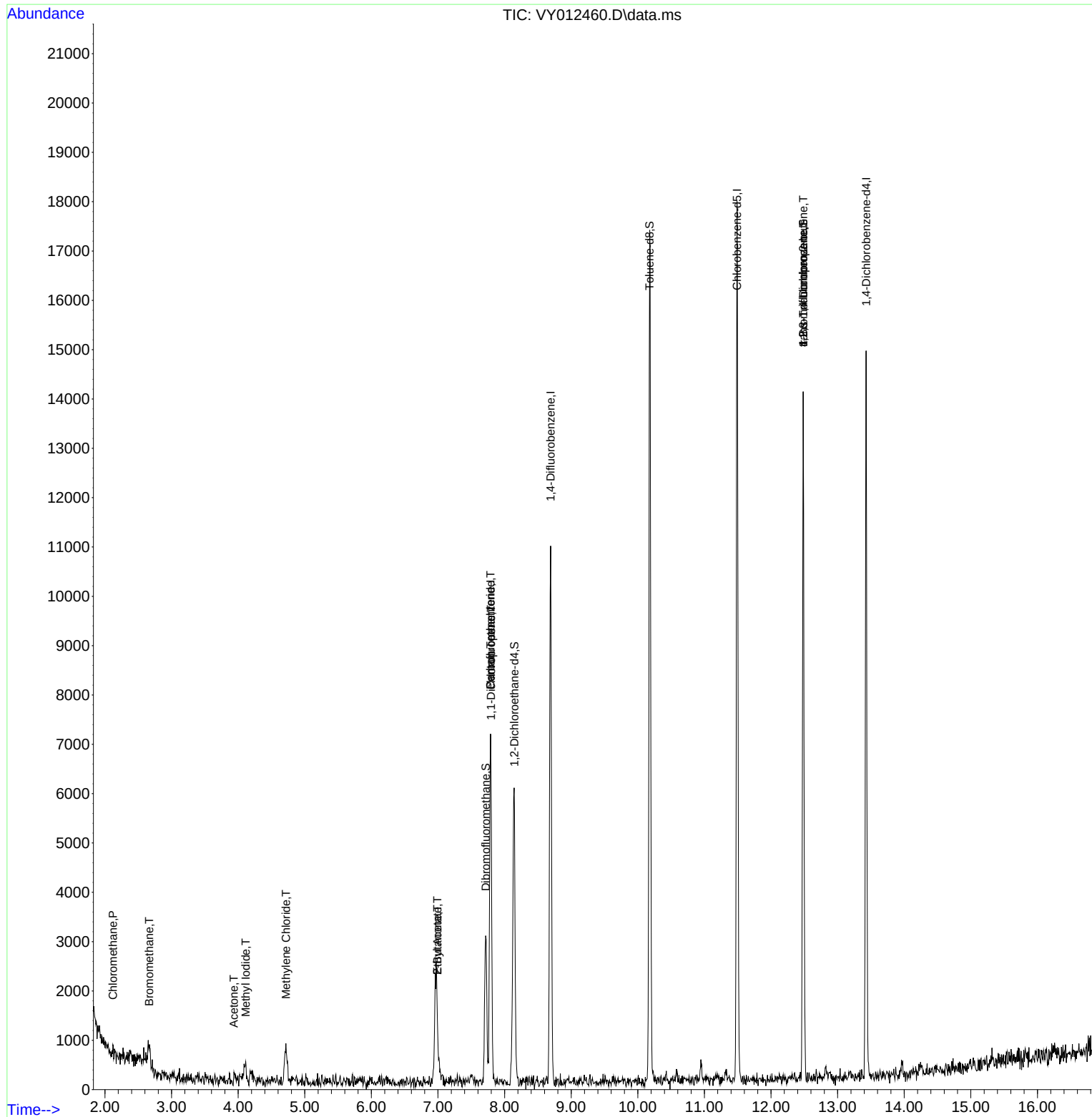
Internal Standards						
1) Pentafluorobenzene	7.789	168	6271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	10484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5022	100.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 201.180%#	
35) Dibromofluoromethane	7.716	113	2125	38.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 76.560%	
50) Toluene-d8	10.179	98	12825	68.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 136.520%	
62) 4-Bromofluorobenzene	12.483	95	4200	53.670	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	114	2.253	ug/l #	41
5) Bromomethane	2.662	94	215	4.709	ug/l	83
10) Methyl Iodide	4.113	142	534	6.265	ug/l #	84
16) Acetone	3.936	43	213	12.198	ug/l #	40
20) Methylene Chloride	4.716	84	647	1.079	ug/l #	75
25) 2-Butanone	6.990	43	44	2.282	ug/l #	46
36) 1,1-Dichloropropene	7.795	75	264	2.798	ug/l #	41
37) Ethyl Acetate	6.990	43	44	1.058	ug/l #	68
38) Carbon Tetrachloride	7.789	117	626	5.138	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	2079	53.298	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2079	109.818	ug/l #	13

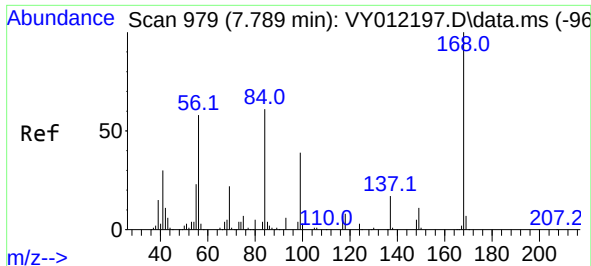
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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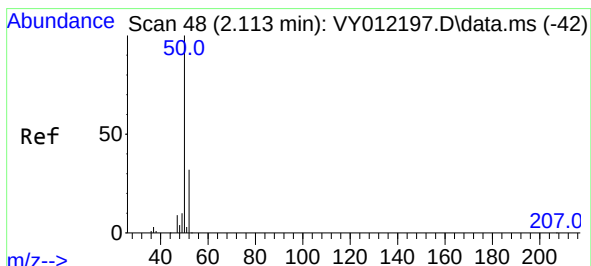
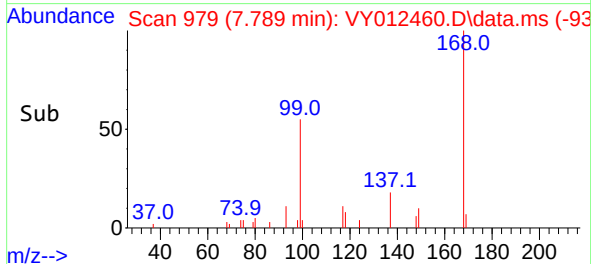
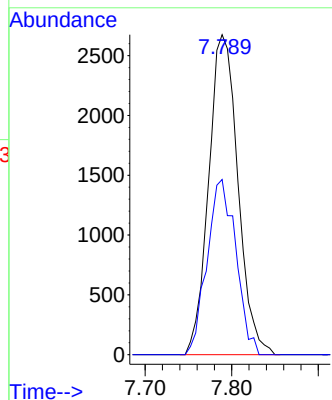
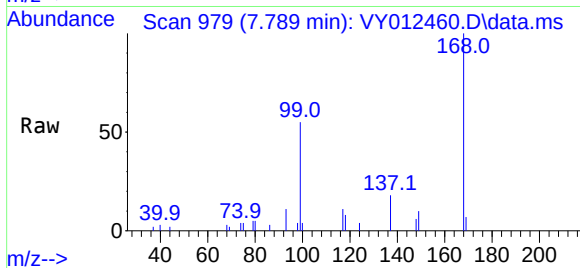




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

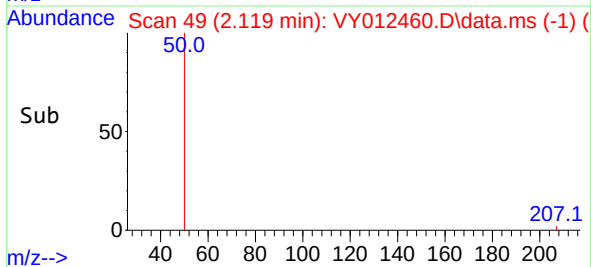
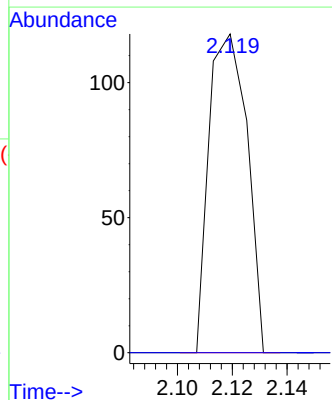
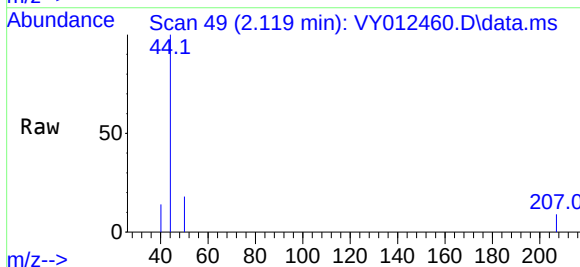
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-2

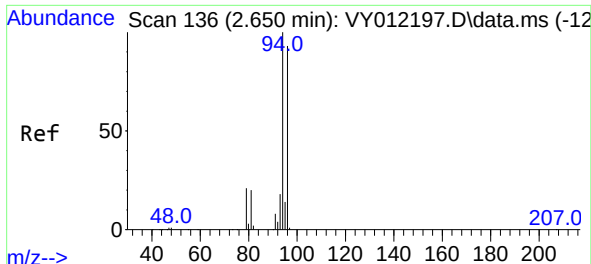
Tgt Ion:168 Resp: 6271
Ion Ratio Lower Upper
168 100
99 54.8 44.0 66.0



#3
Chloromethane
Concen: 2.253 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

Tgt Ion: 50 Resp: 114
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

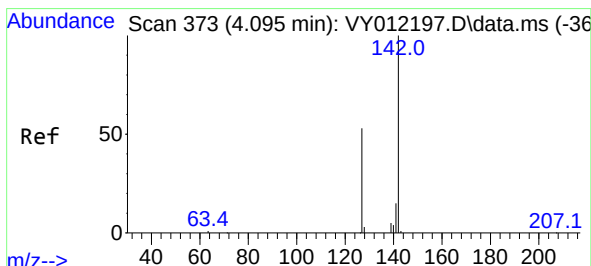
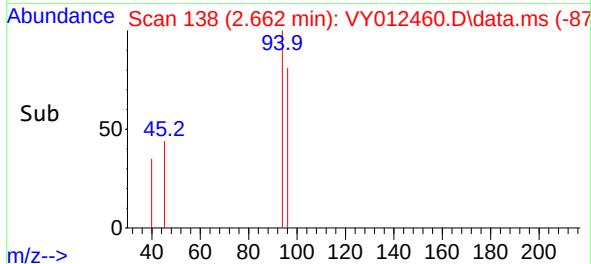
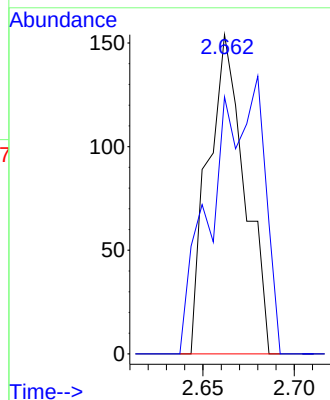
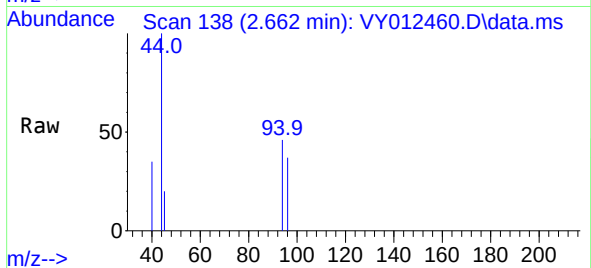




#5
Bromomethane
Concen: 4.709 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

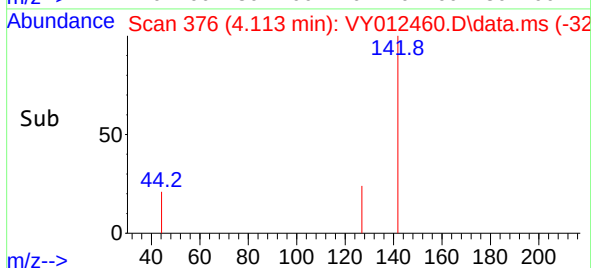
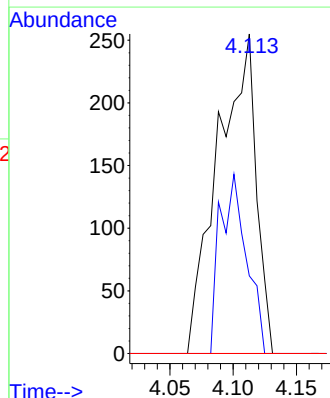
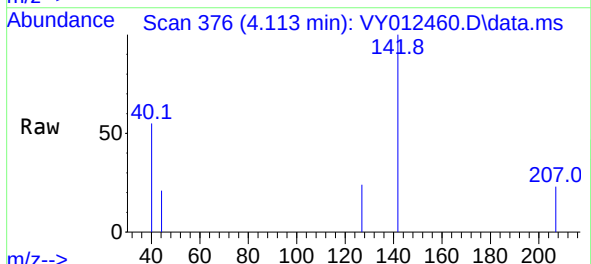
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-2

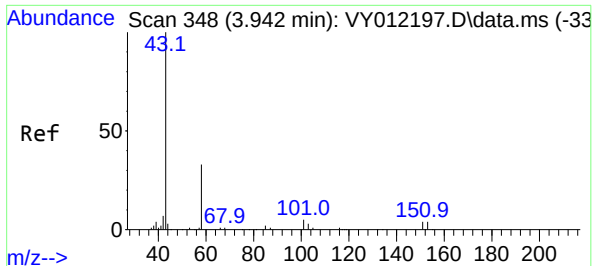
Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 80.5 77.4 116.2



#10
Methyl Iodide
Concen: 6.265 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.018 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

Tgt Ion:142 Resp: 534
Ion Ratio Lower Upper
142 100
127 39.1 37.0 55.4
141 0.0 11.4 17.0#

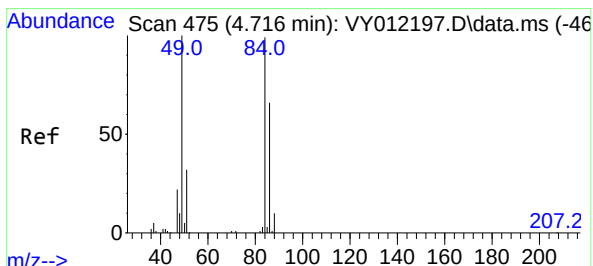
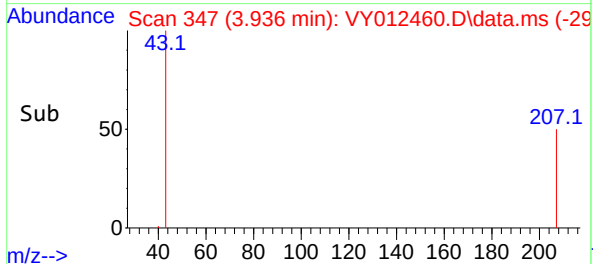
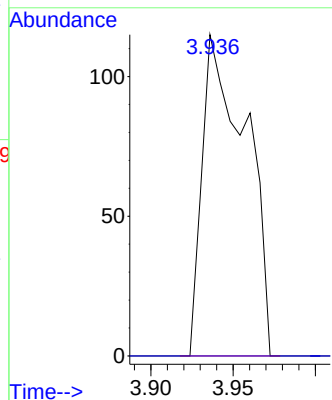
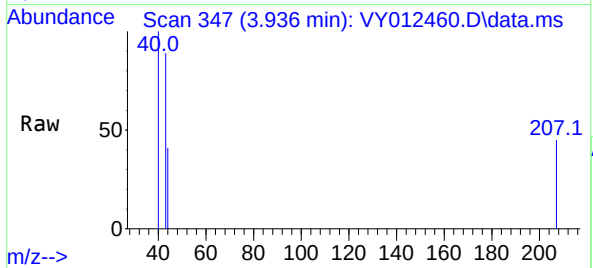




#16
Acetone
Concen: 12.198 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

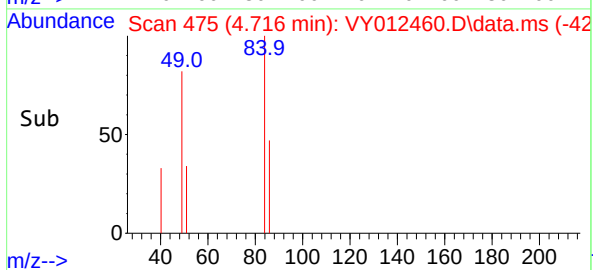
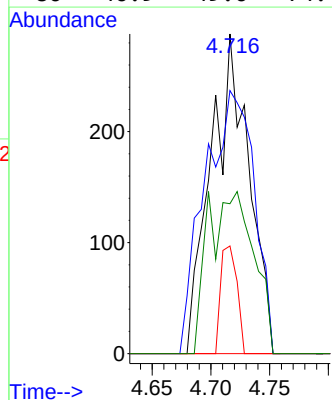
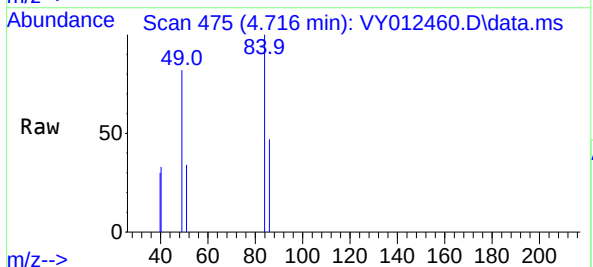
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-2

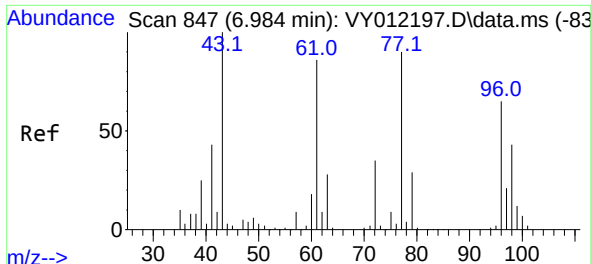
Tgt Ion: 43 Resp: 213
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



#20
Methylene Chloride
Concen: 1.079 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

Tgt Ion: 84 Resp: 647
Ion Ratio Lower Upper
84 100
49 82.3 95.4 143.2#
51 33.7 29.9 44.9
86 46.9 49.6 74.4#

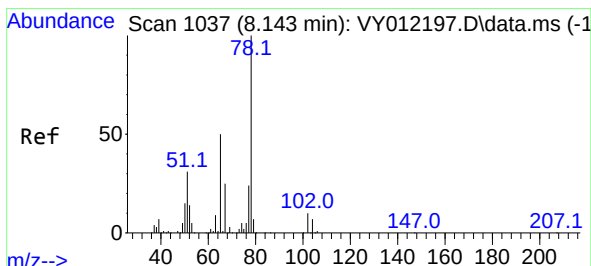
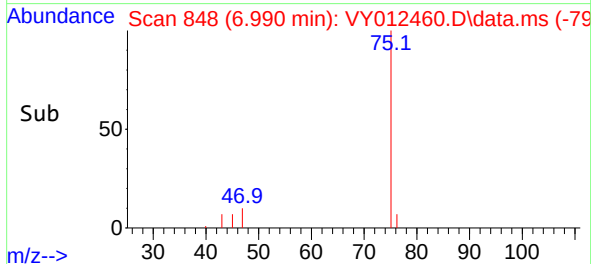
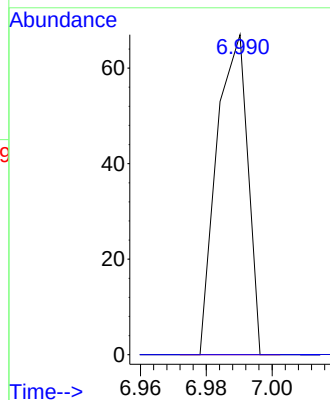
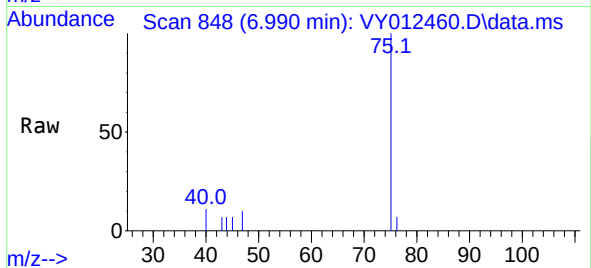




#25
2-Butanone
Concen: 2.282 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

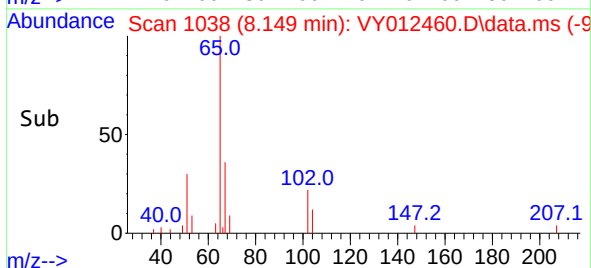
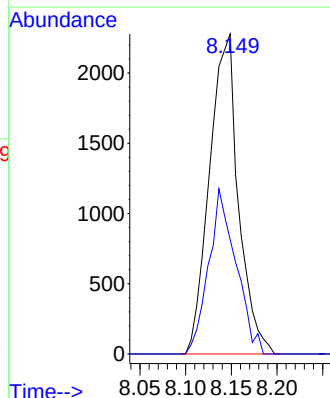
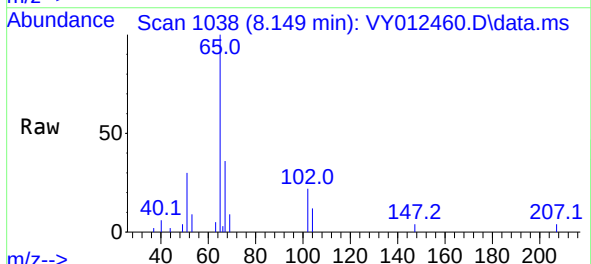
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-2

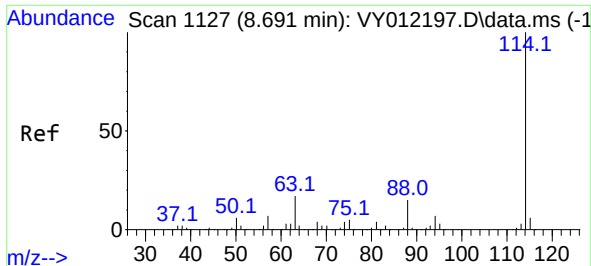
Tgt Ion: 43 Resp: 44
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#



#33
1,2-Dichloroethane-d4
Concen: 100.594 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

Tgt Ion: 65 Resp: 5022
Ion Ratio Lower Upper
65 100
67 48.7 0.0 103.2

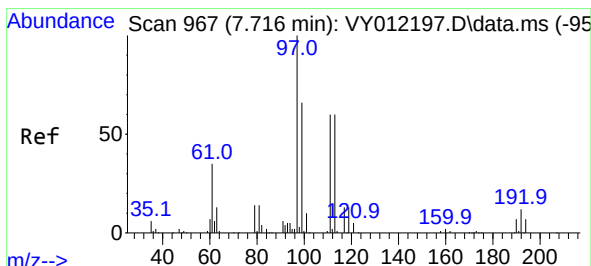
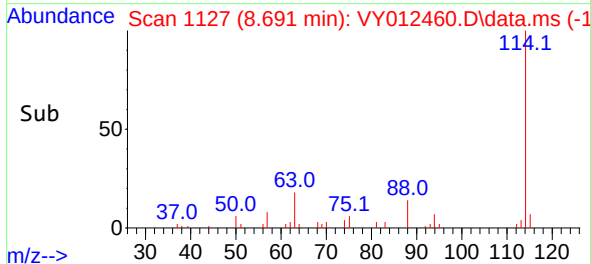
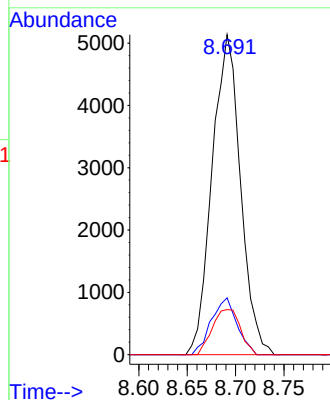
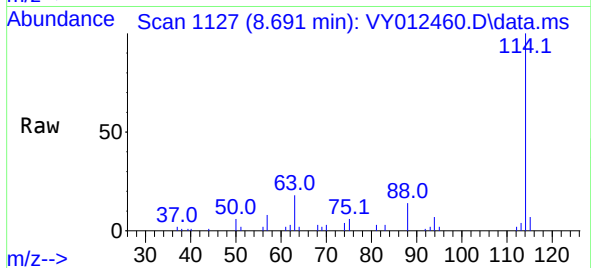




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

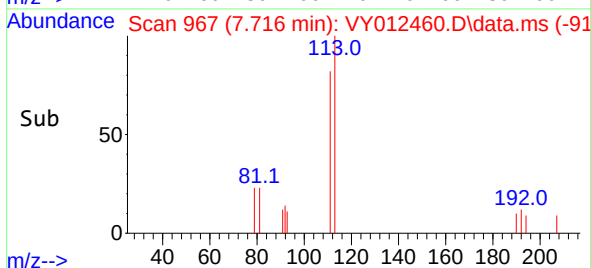
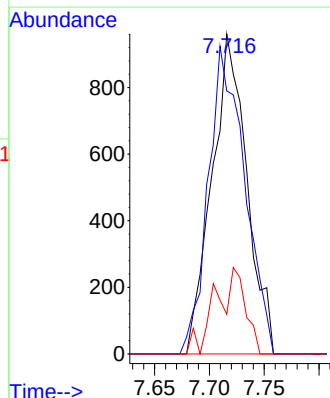
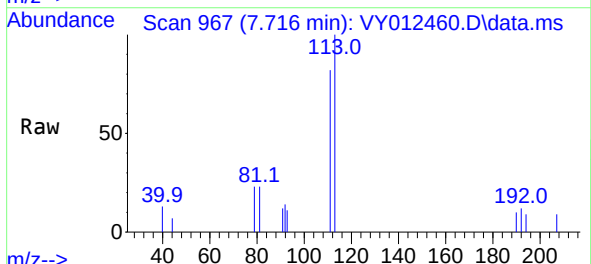
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-2

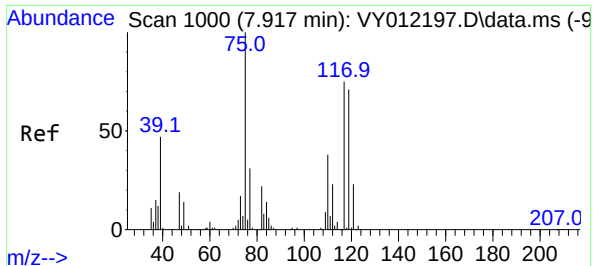
Tgt Ion:	114	Resp:	10484
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	39.6
88	14.1	0.0	32.2



#35
Dibromofluoromethane
Concen: 38.279 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

Tgt Ion:	113	Resp:	2125
Ion	Ratio	Lower	Upper
113	100		
111	100.0	83.0	124.4
192	23.0	16.0	24.0





#36

1,1-Dichloropropene

Concen: 2.798 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY012460.D

Acq: 02 Feb 2023 17:01

Instrument :

MSVOA_Y

ClientSampleId :

STOCKPILE-2

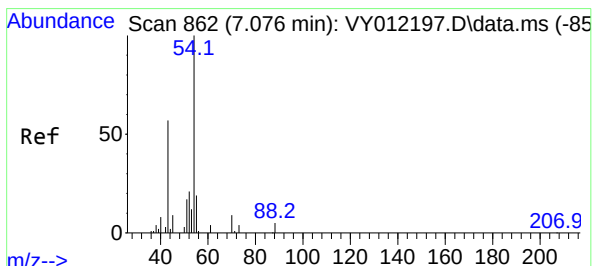
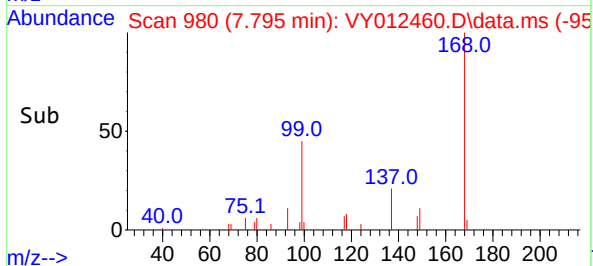
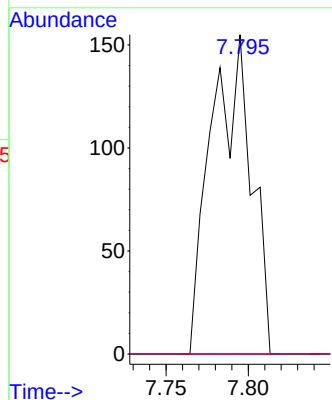
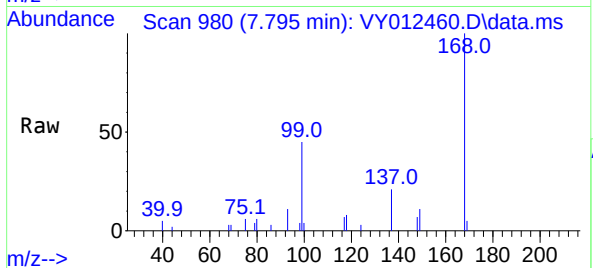
Tgt Ion: 75 Resp: 264

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.1#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 1.058 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.086 min

Lab File: VY012460.D

Acq: 02 Feb 2023 17:01

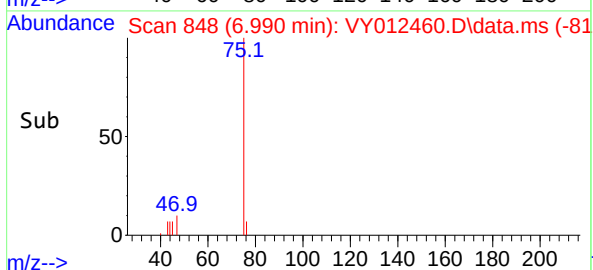
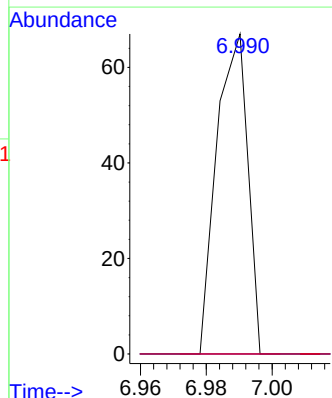
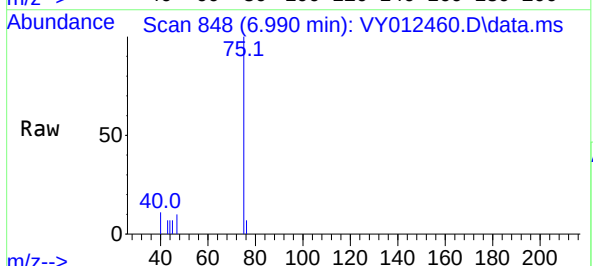
Tgt Ion: 43 Resp: 44

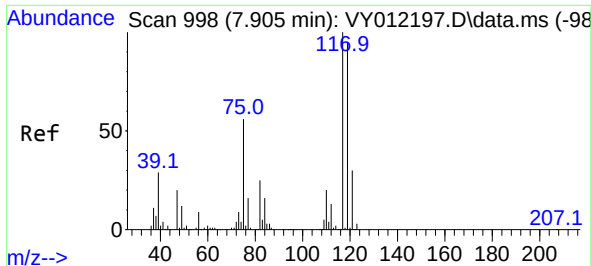
Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 0.0 8.2 12.4#

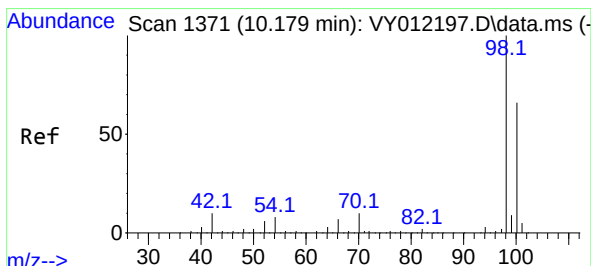
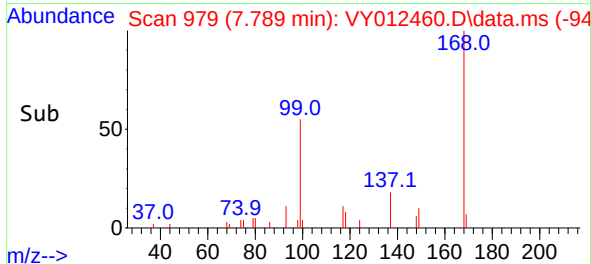
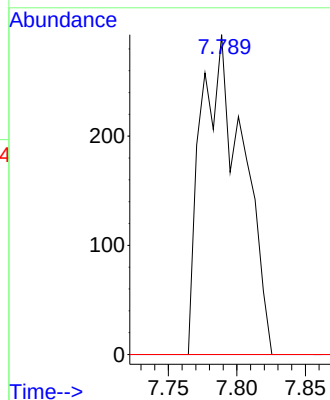
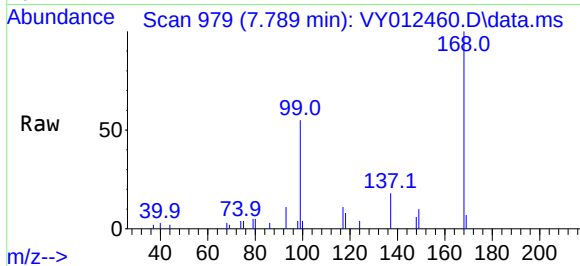




#38
Carbon Tetrachloride
Concen: 5.138 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

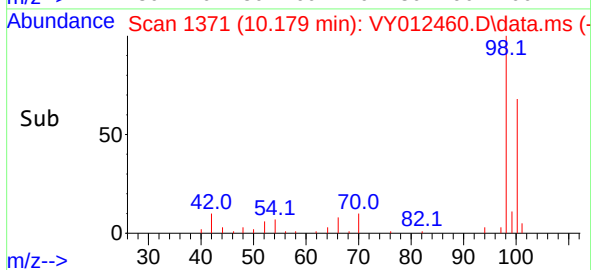
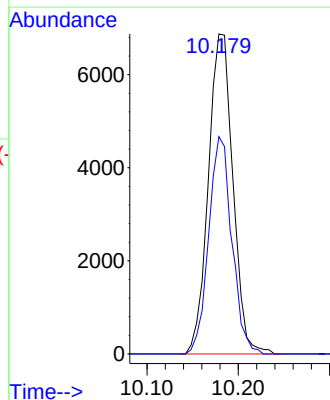
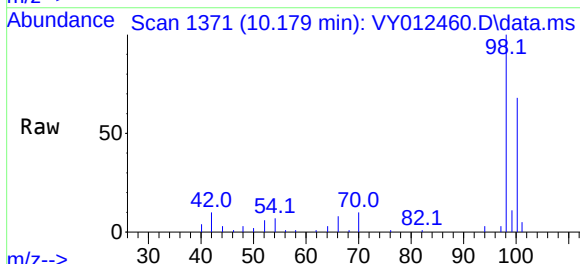
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-2

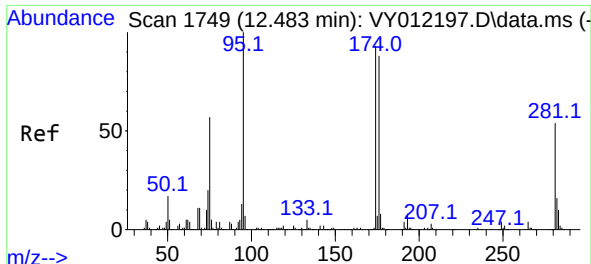
Tgt Ion:117 Resp: 626
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 68.260 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

Tgt Ion: 98 Resp: 12825
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

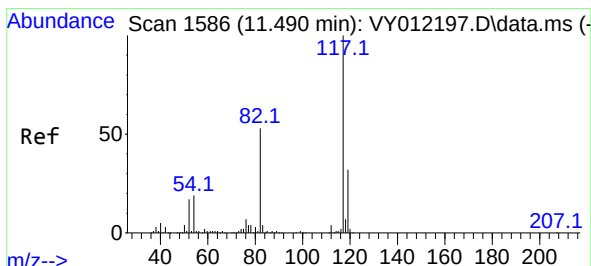
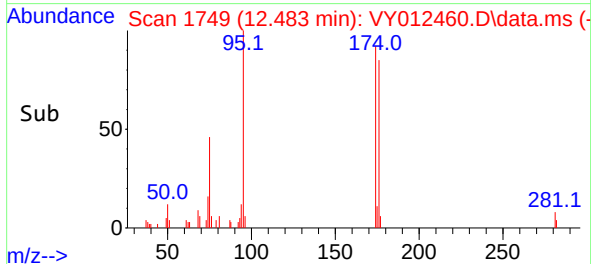
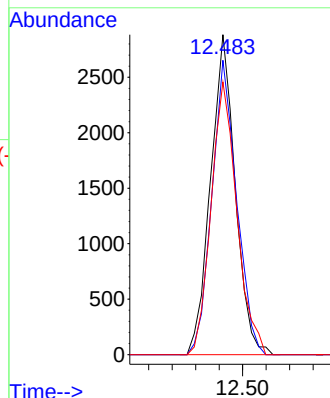
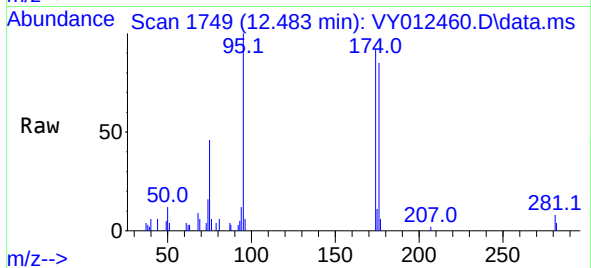




#62
4-Bromofluorobenzene
Concen: 53.670 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

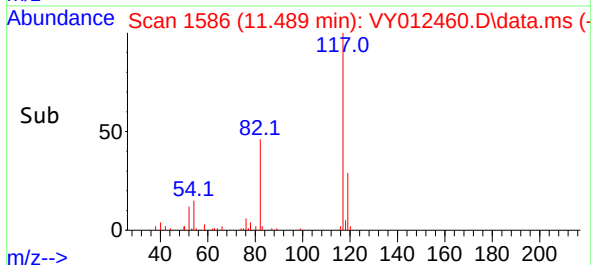
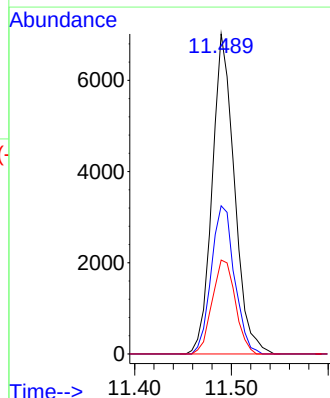
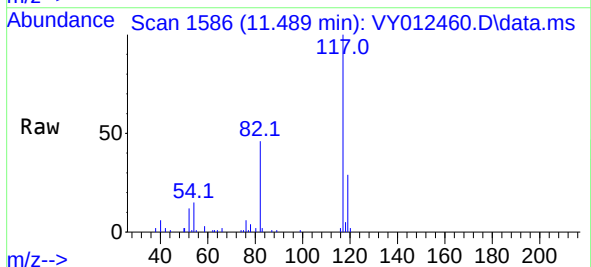
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-2

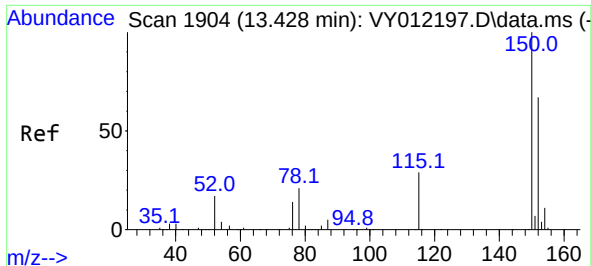
Tgt Ion:	95	Resp:	4200
Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	172.0
176	88.9	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012460.D
Acq: 02 Feb 2023 17:01

Tgt Ion:	117	Resp:	11213
Ion	Ratio	Lower	Upper
117	100		
82	46.3	44.8	67.2
119	29.3	25.4	38.2

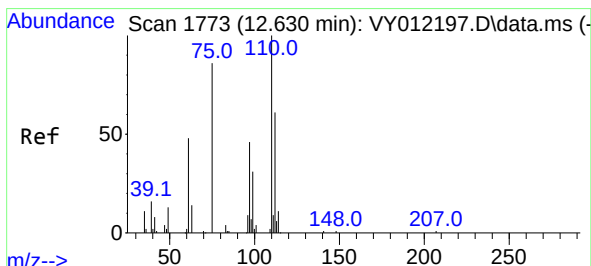
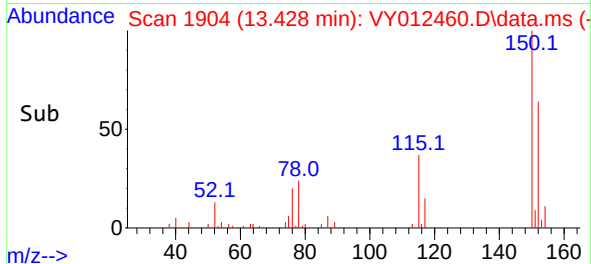
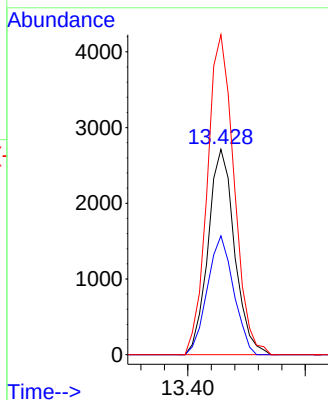
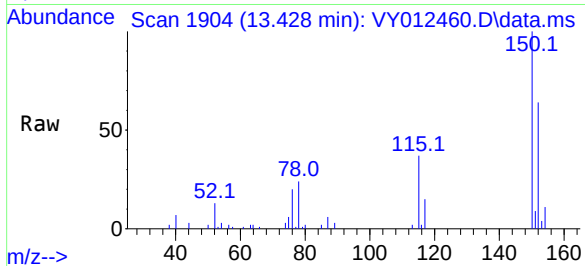




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012460.D
 Acq: 02 Feb 2023 17:01

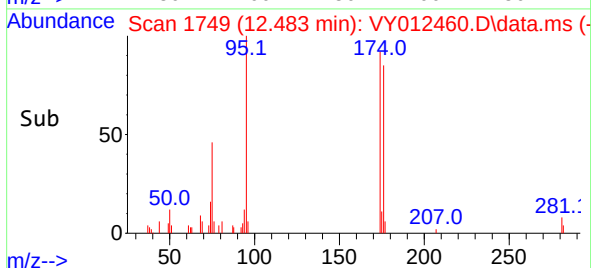
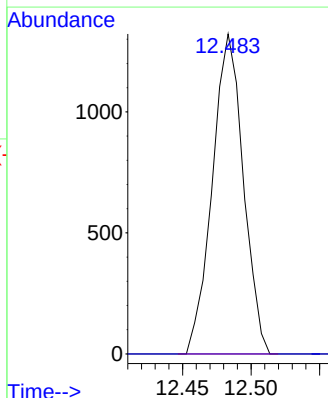
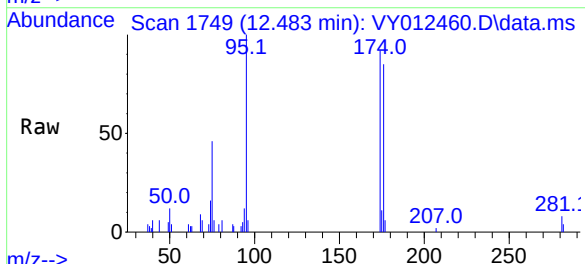
Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILE-2

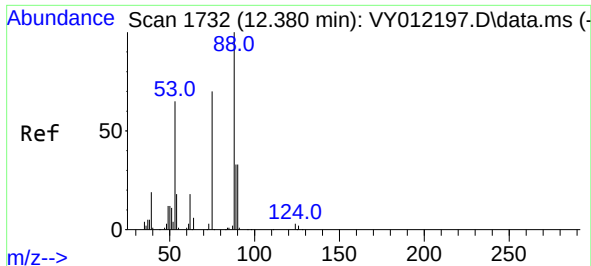
Tgt Ion:152 Resp: 4242
 Ion Ratio Lower Upper
 152 100
 115 57.4 29.1 87.3
 150 157.7 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 53.298 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012460.D
 Acq: 02 Feb 2023 17:01

Tgt Ion: 75 Resp: 2079
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.818 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012460.D
 Acq: 02 Feb 2023 17:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILE-2

Tgt Ion: 75 Resp: 2079
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

