

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY018004.D
 Acq On : 19 Apr 2024 17:22
 Operator : SY/MD
 Sample : P2199-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE

Quant Time: Apr 19 23:27:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

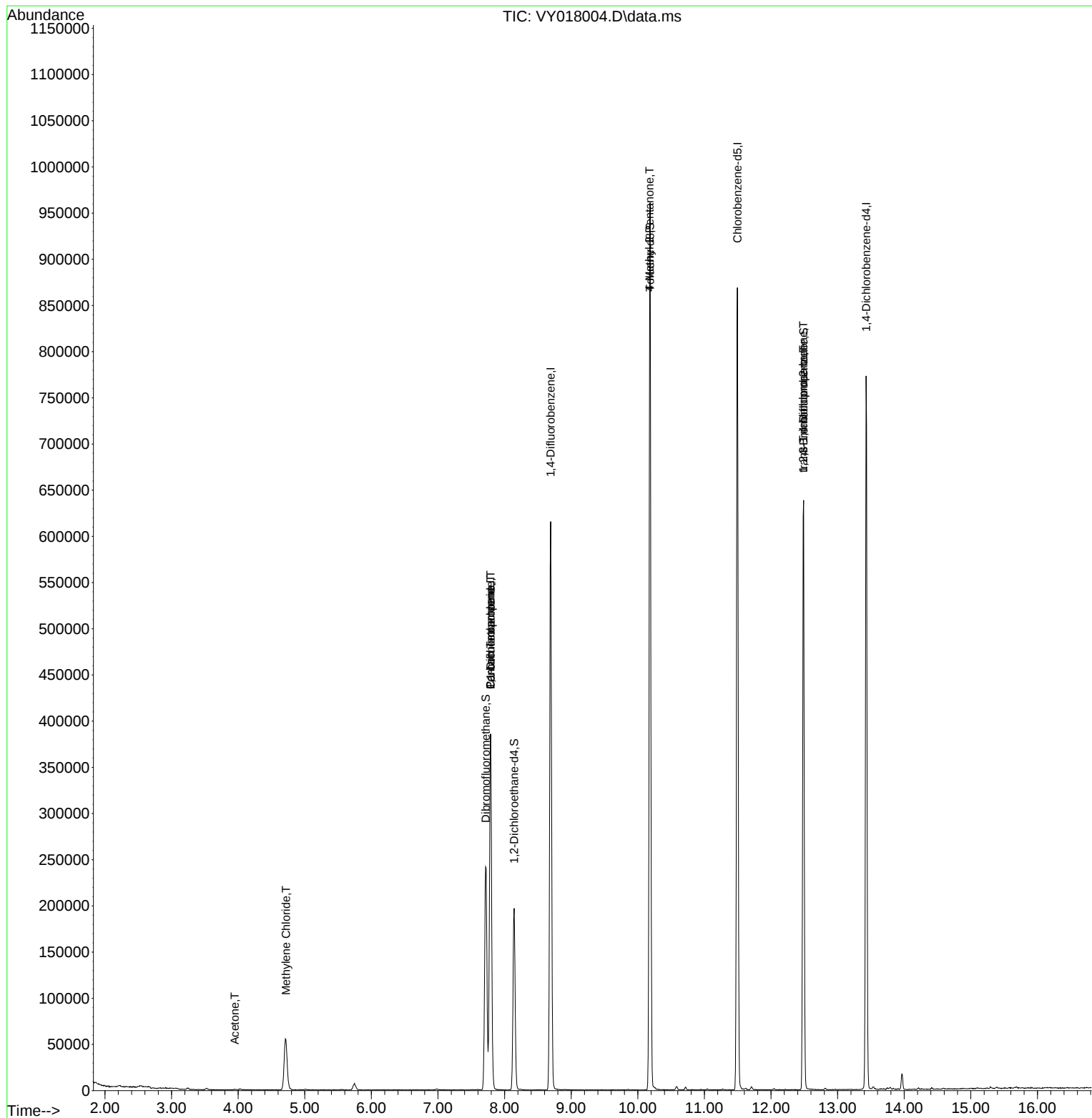
Internal Standards						
1) Pentafluorobenzene	7.789	168	333089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	569288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	531886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	223016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	149746	51.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.90%
35) Dibromofluoromethane	7.716	113	180387	51.36	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.72%
50) Toluene-d8	10.185	98	656991	49.30	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.60%
62) 4-Bromofluorobenzene	12.489	95	191850	46.48	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.96%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.942	59	237	Below Cal	#	88
16) Acetone	3.948	43	927	1.63	ug/l #	67
20) Methylene Chloride	4.716	84	48297	12.52	ug/l	93
36) 1,1-Dichloropropene	7.789	75	20836	4.08	ug/l #	48
38) Carbon Tetrachloride	7.789	117	28378	5.50	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	2155	1.04	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	90476	43.23	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	90476	89.14	ug/l #	16

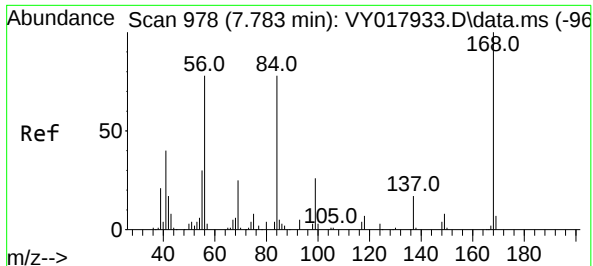
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
Data File : VY018004.D
Acq On : 19 Apr 2024 17:22
Operator : SY/MD
Sample : P2199-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

Quant Time: Apr 19 23:27:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

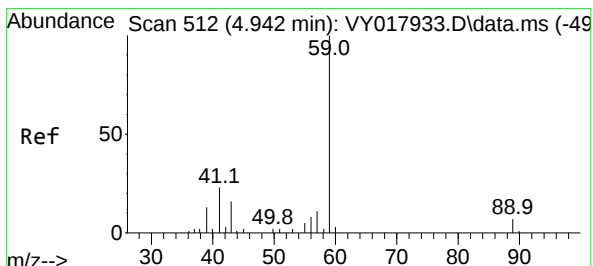
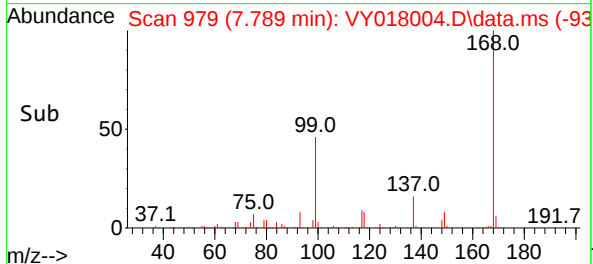
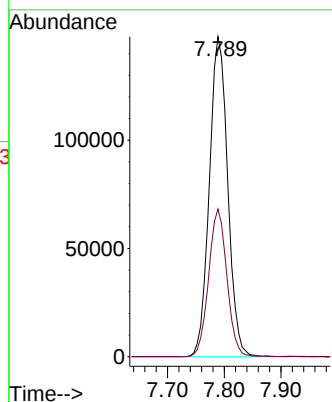
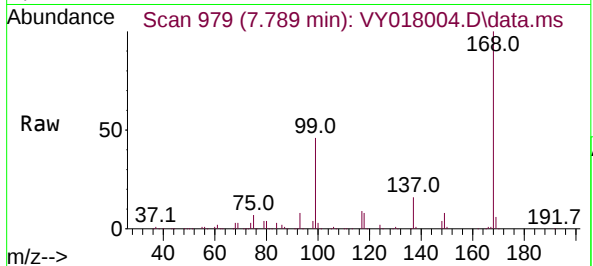




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018004.D
Acq: 19 Apr 2024 17:22

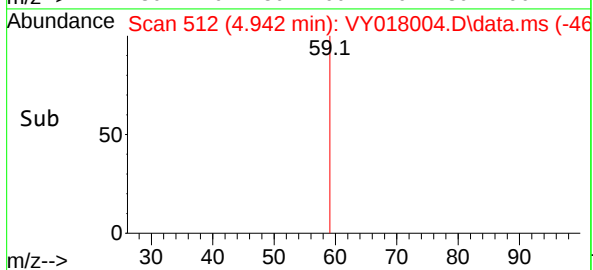
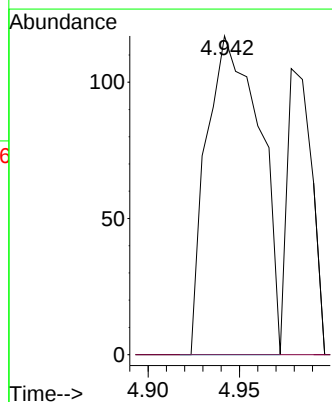
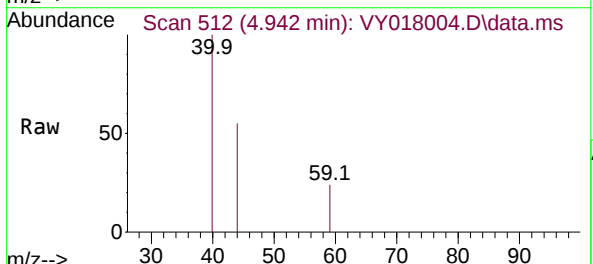
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

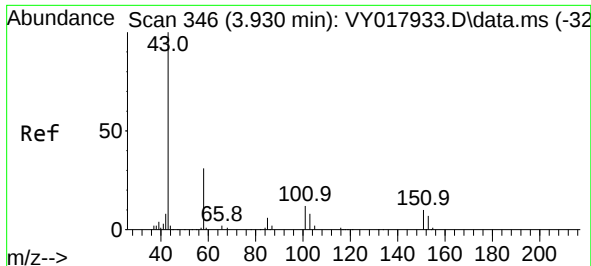
Tgt Ion:168 Resp: 333089
Ion Ratio Lower Upper
168 100
99 46.1 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY018004.D
Acq: 19 Apr 2024 17:22

Tgt Ion: 59 Resp: 237
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 1.63 ug/l

RT: 3.948 min Scan# 346

Delta R.T. 0.000 min

Lab File: VY018004.D

Acq: 19 Apr 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

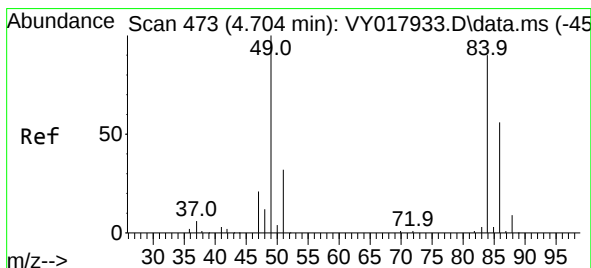
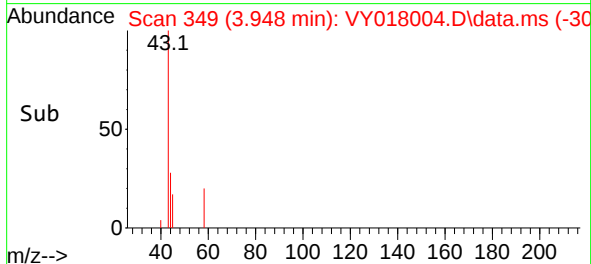
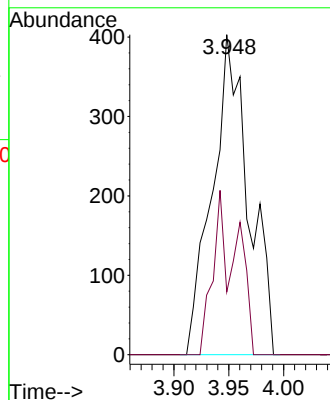
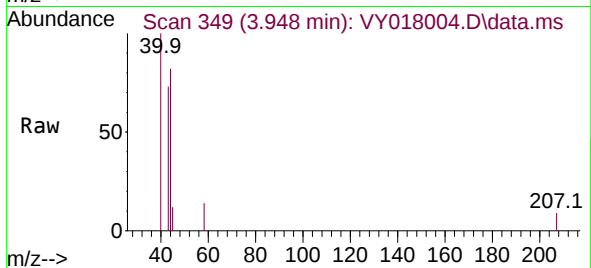
STOCK-PILE

Tgt Ion: 43 Resp: 927

Ion Ratio Lower Upper

43 100

58 19.6 31.7 47.5#



#20

Methylene Chloride

Concen: 12.52 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY018004.D

Acq: 19 Apr 2024 17:22

Tgt Ion: 84 Resp: 48297

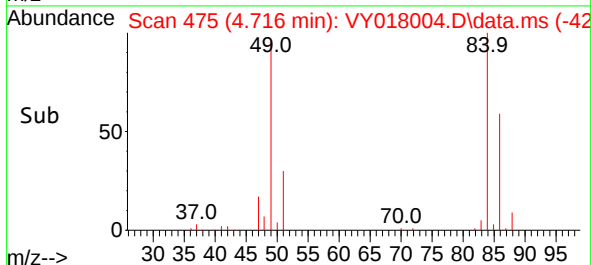
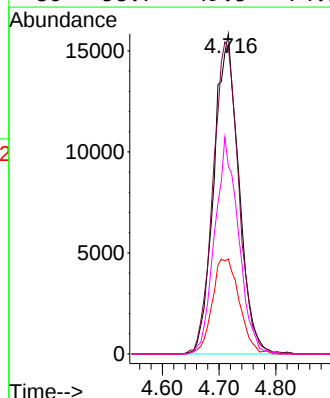
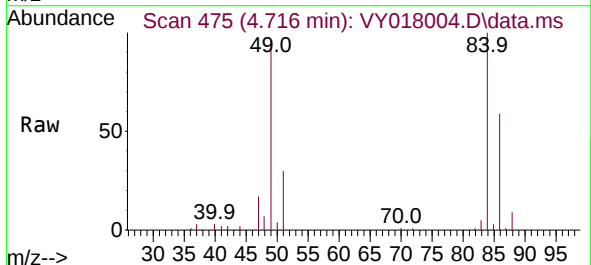
Ion Ratio Lower Upper

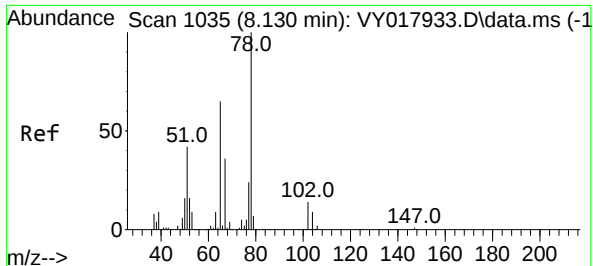
84 100

49 95.9 84.4 126.6

51 29.7 26.0 39.0

86 58.7 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 51.95 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY018004.D

Acq: 19 Apr 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

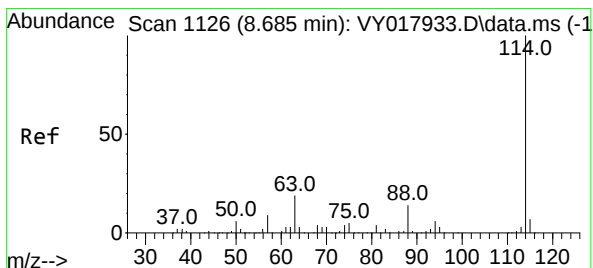
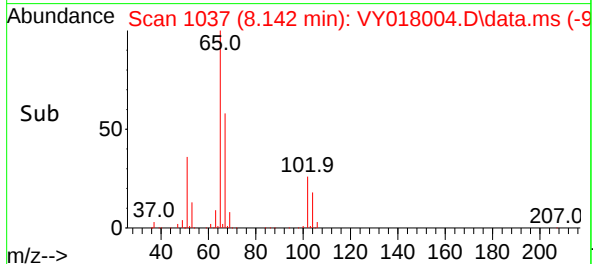
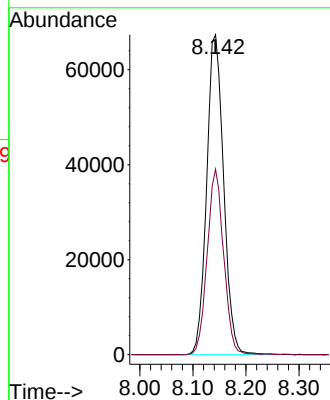
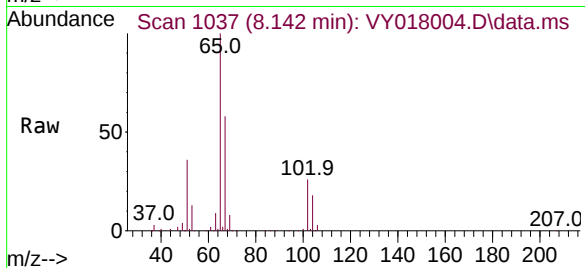
STOCK-PILE

Tgt Ion: 65 Resp: 149746

Ion Ratio Lower Upper

65 100

67 56.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018004.D

Acq: 19 Apr 2024 17:22

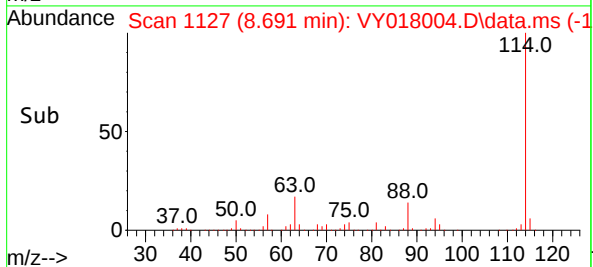
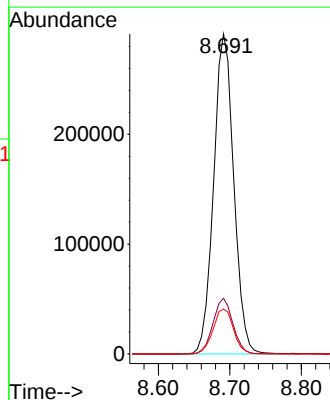
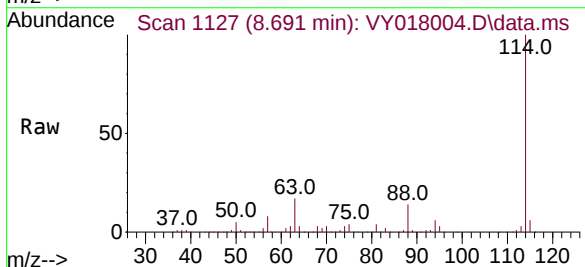
Tgt Ion: 114 Resp: 569288

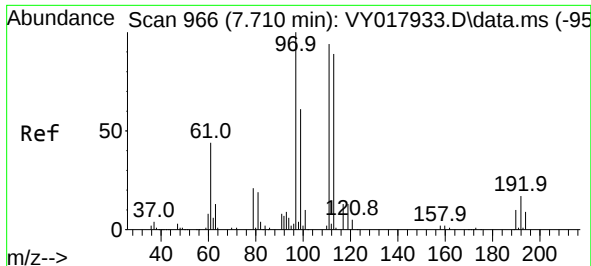
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

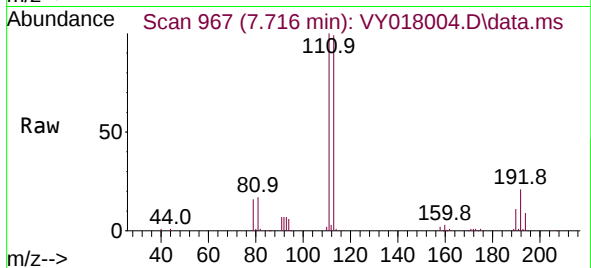
88 14.0 0.0 27.2



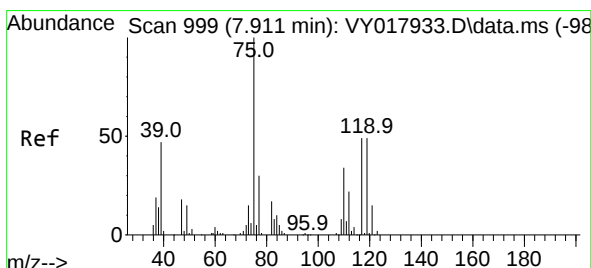
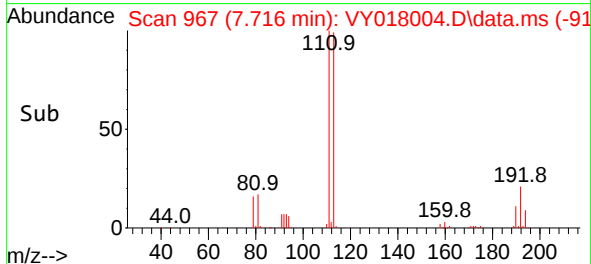
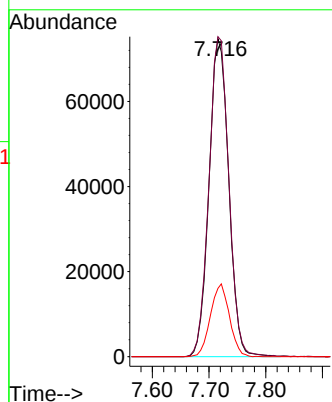


#35
Dibromofluoromethane
Concen: 51.36 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018004.D
Acq: 19 Apr 2024 17:22

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

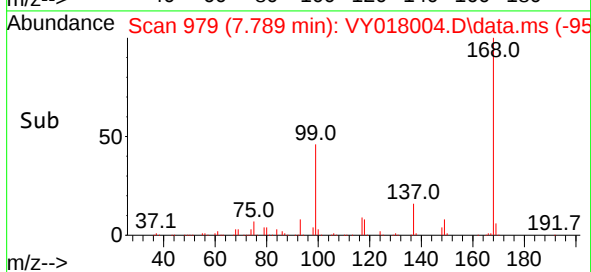
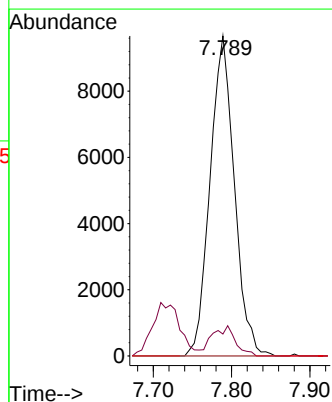
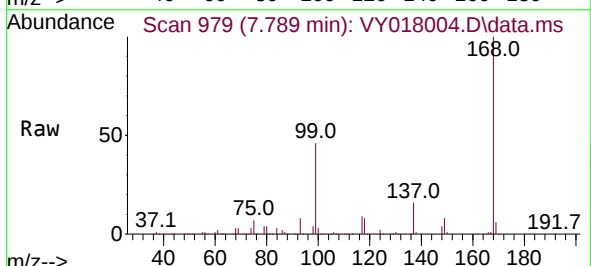


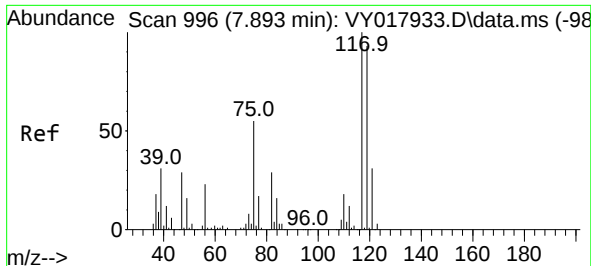
Tgt Ion:113 Resp: 180387
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 22.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.08 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY018004.D
Acq: 19 Apr 2024 17:22

Tgt Ion: 75 Resp: 20836
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#

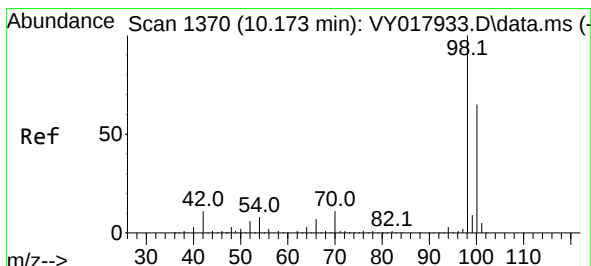
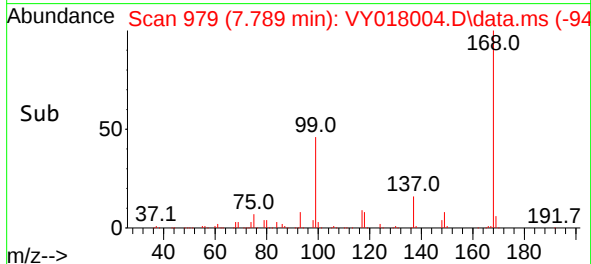
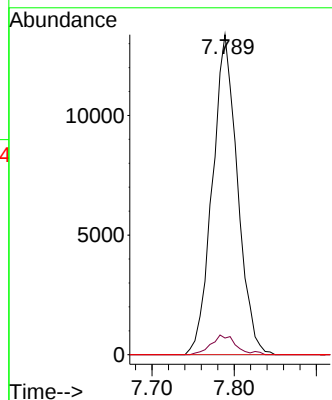
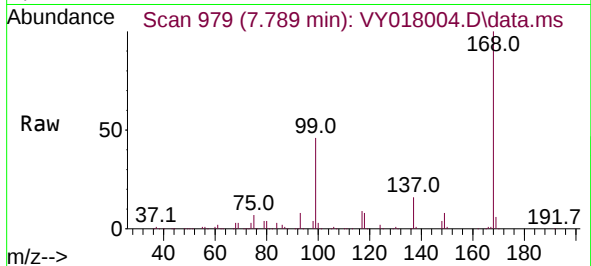




#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018004.D
Acq: 19 Apr 2024 17:22

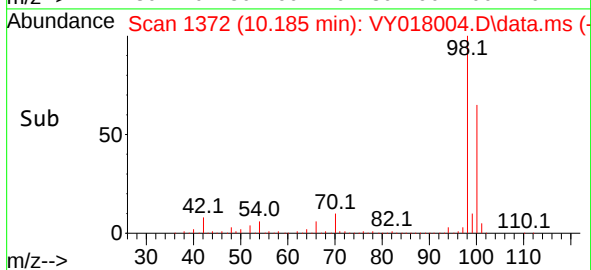
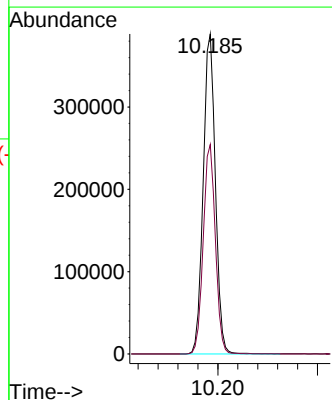
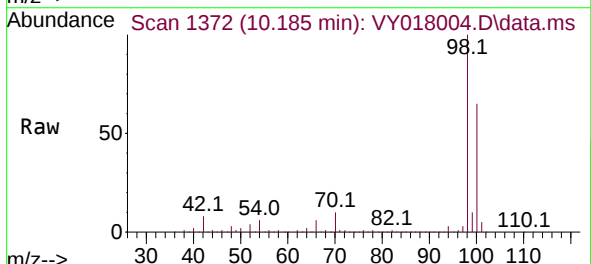
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

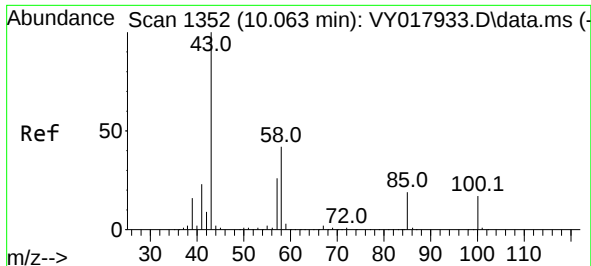
Tgt Ion:117 Resp: 28378
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.30 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY018004.D
Acq: 19 Apr 2024 17:22

Tgt Ion: 98 Resp: 656991
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

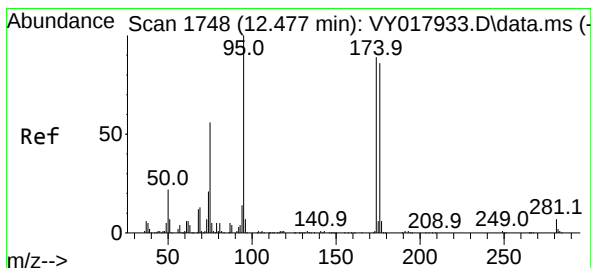
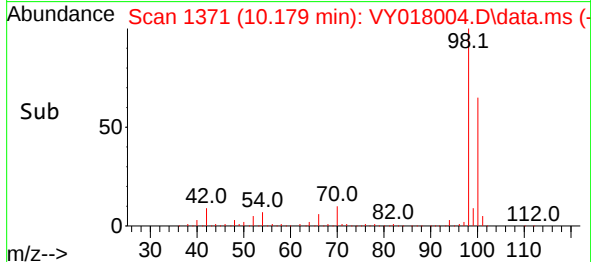
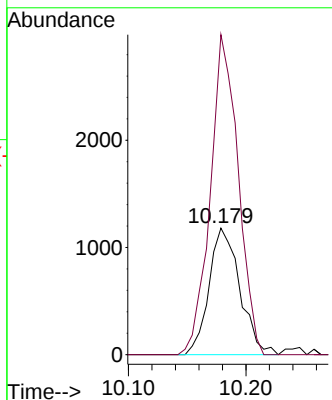
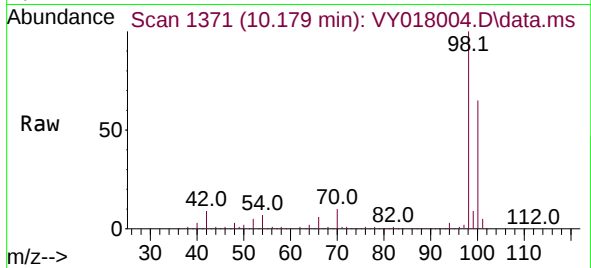




#51
4-Methyl-2-Pentanone
Concen: 1.04 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY018004.D
Acq: 19 Apr 2024 17:22

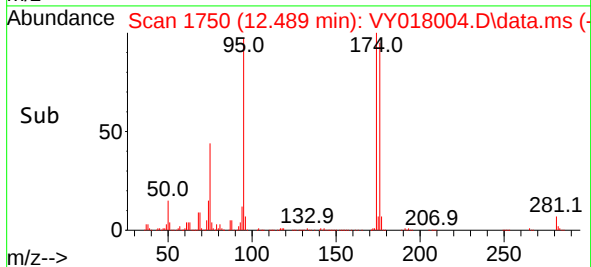
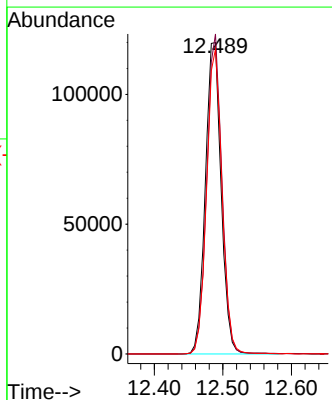
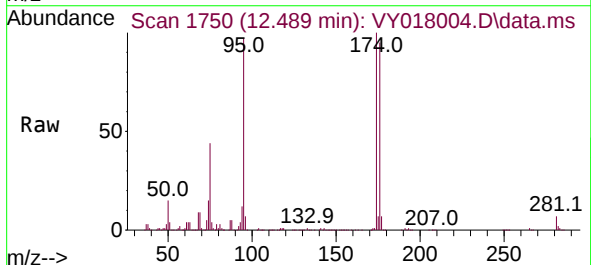
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

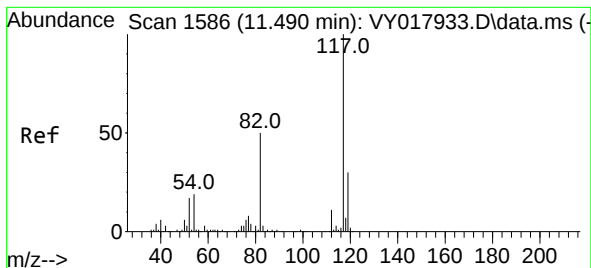
Tgt Ion: 43 Resp: 2155
Ion Ratio Lower Upper
43 100
58 228.8 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 46.48 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY018004.D
Acq: 19 Apr 2024 17:22

Tgt Ion: 95 Resp: 191850
Ion Ratio Lower Upper
95 100
174 99.0 0.0 175.6
176 95.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018004.D

Acq: 19 Apr 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE

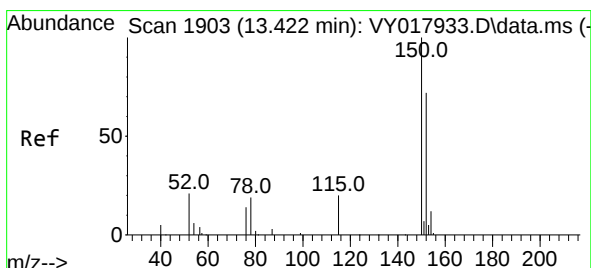
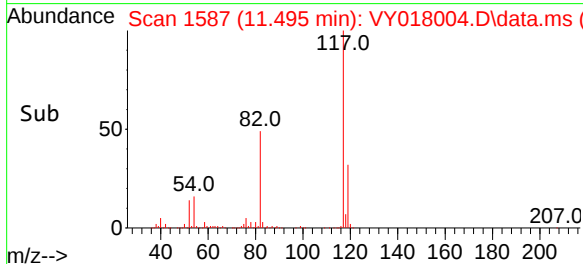
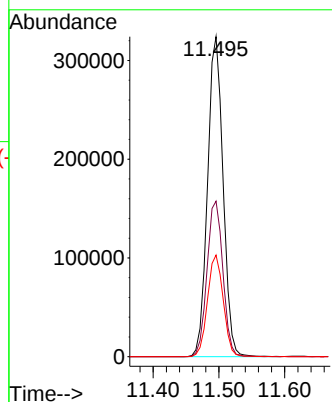
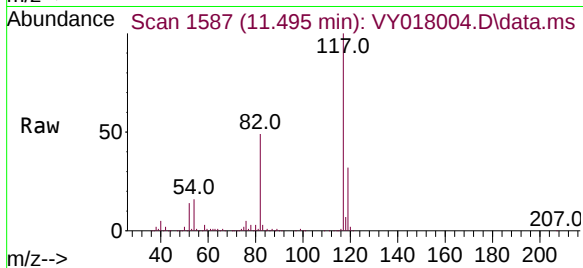
Tgt Ion:117 Resp: 531886

Ion Ratio Lower Upper

117 100

82 48.6 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018004.D

Acq: 19 Apr 2024 17:22

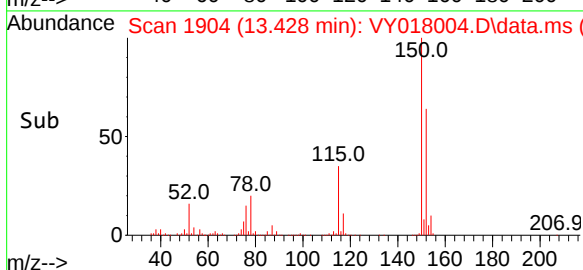
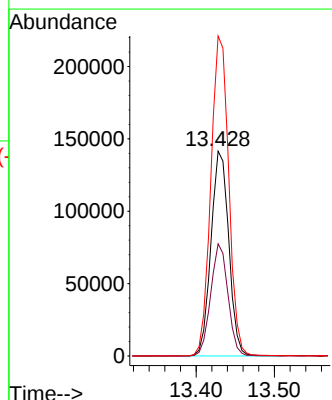
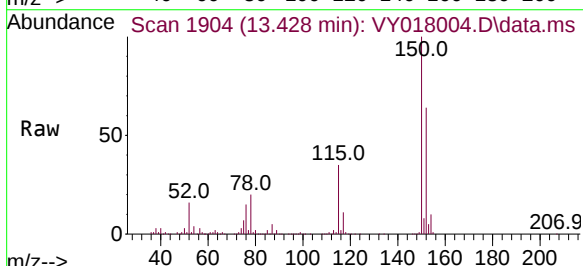
Tgt Ion:152 Resp: 223016

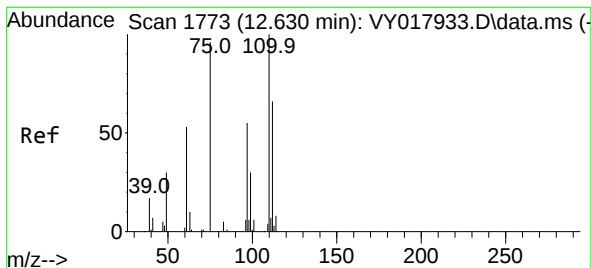
Ion Ratio Lower Upper

152 100

115 53.0 28.2 84.7

150 157.2 0.0 345.6

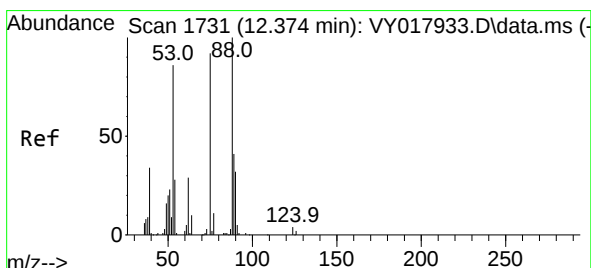
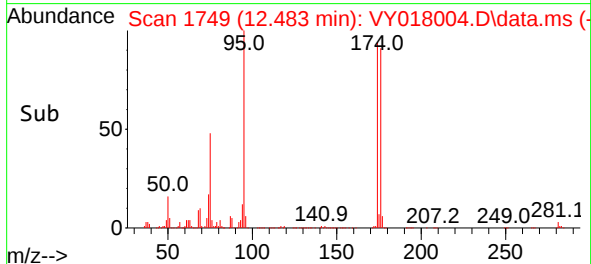
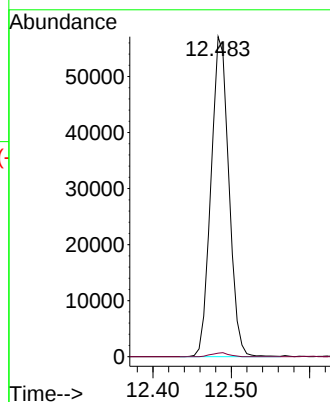
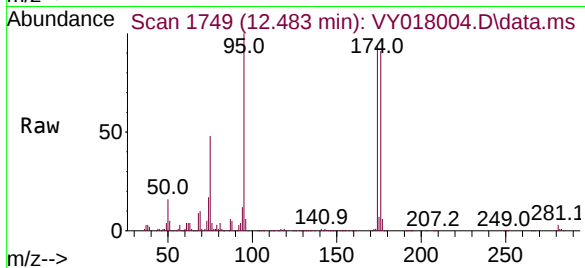




#76
1,2,3-Trichloropropane
Concen: 43.23 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018004.D
Acq: 19 Apr 2024 17:22

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

Tgt Ion: 75 Resp: 90476
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.14 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018004.D
Acq: 19 Apr 2024 17:22

Tgt Ion: 75 Resp: 90476
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#

