

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008549.D
 Acq On : 28 Apr 2022 15:46
 Operator : KP/MD
 Sample : N2599-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 M-1

Quant Time: Apr 29 02:01:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

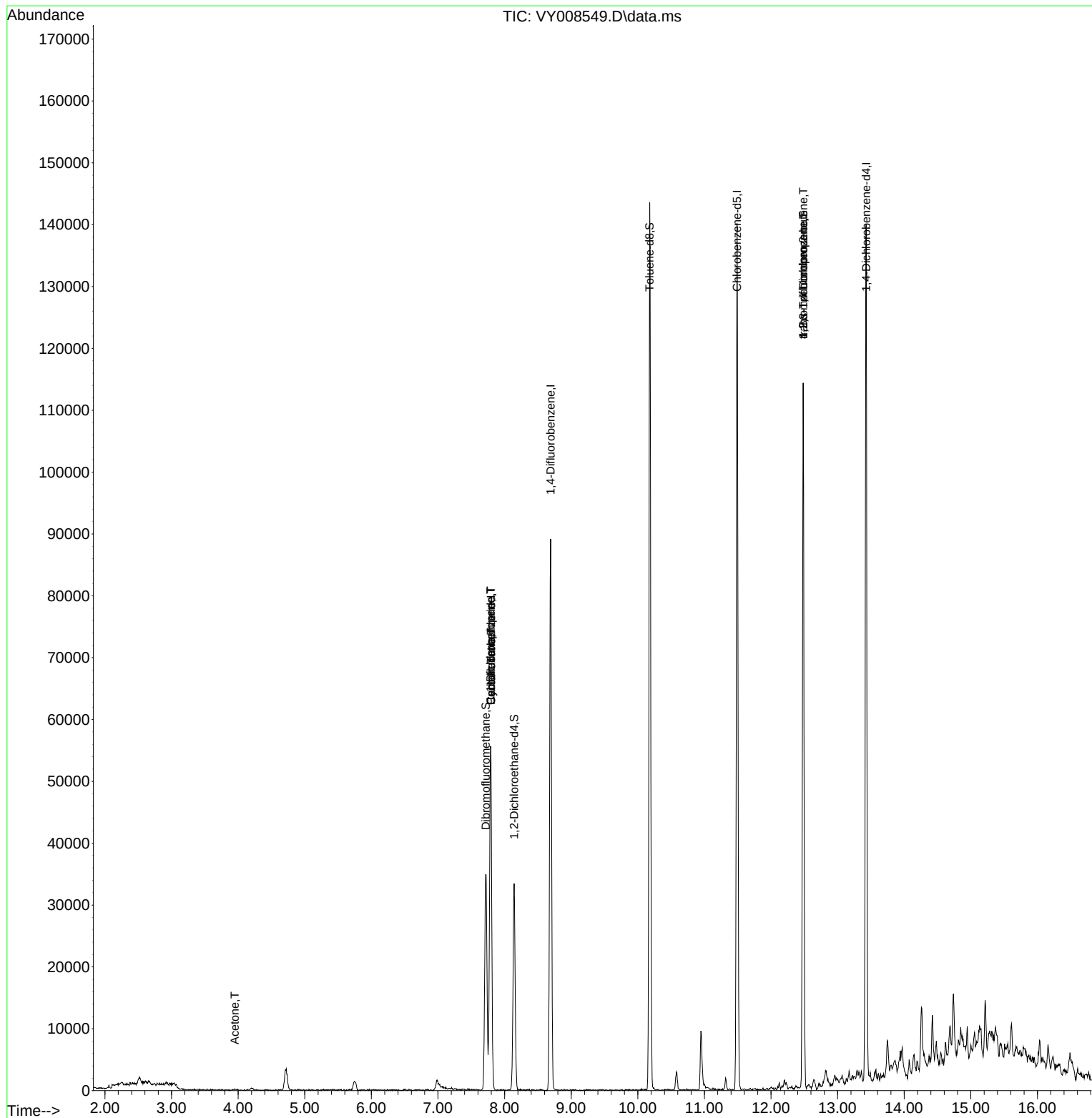
Internal Standards						
1) Pentafluorobenzene	7.795	168	44006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	79082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	76510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	25129	48.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.060%
35) Dibromofluoromethane	7.716	113	24898	48.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.560%
50) Toluene-d8	10.179	98	94428	46.581	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.483	95	31763	46.217	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.440%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	279	2.313	ug/l #	47
20) Methylene Chloride	4.710	84	2736	Below Cal	#	68
31) Cyclohexane	7.795	56	962	1.130	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	3620	4.459	ug/l #	48
38) Carbon Tetrachloride	7.795	117	4275	5.068	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	17984	40.639	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	17984	94.279	ug/l #	7

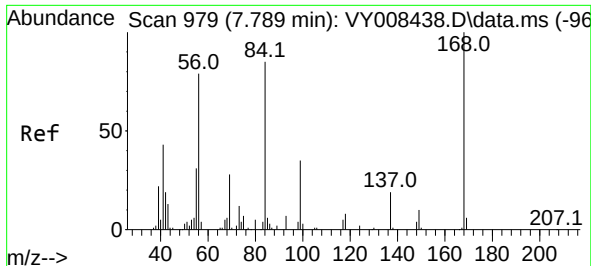
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
Data File : VY008549.D
Acq On : 28 Apr 2022 15:46
Operator : KP/MD
Sample : N2599-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
M-1

Quant Time: Apr 29 02:01:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration

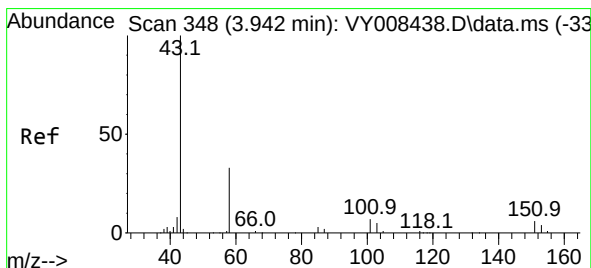
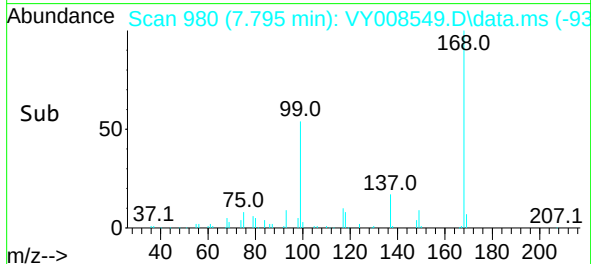
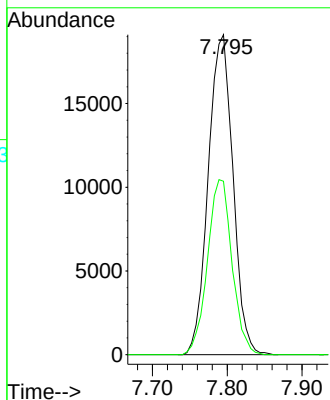
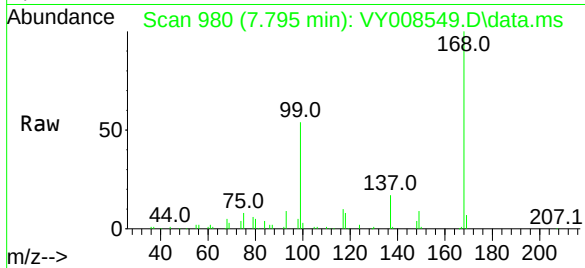




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008549.D
Acq: 28 Apr 2022 15:46

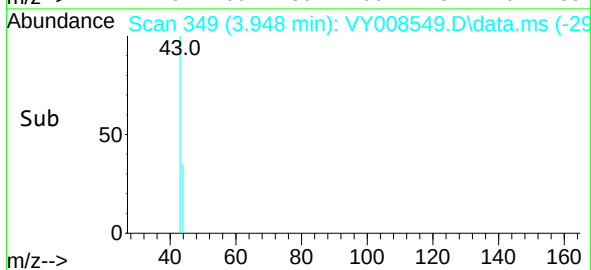
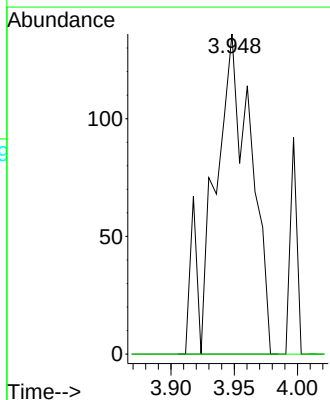
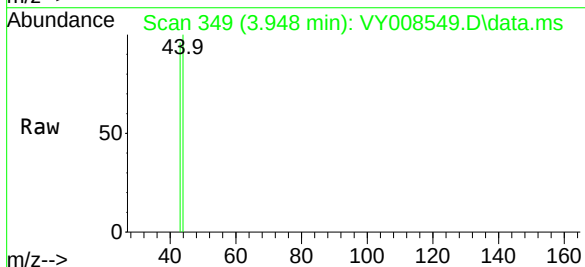
Instrument :
MSVOA_Y
ClientSampleId :
M-1

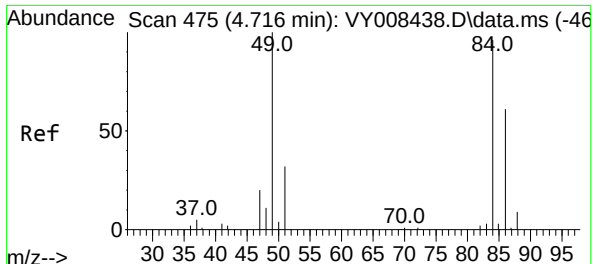
Tgt Ion:168 Resp: 44006
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#16
Acetone
Concen: 2.313 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008549.D
Acq: 28 Apr 2022 15:46

Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY008549.D

Acq: 28 Apr 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

M-1

Tgt Ion: 84 Resp: 2736

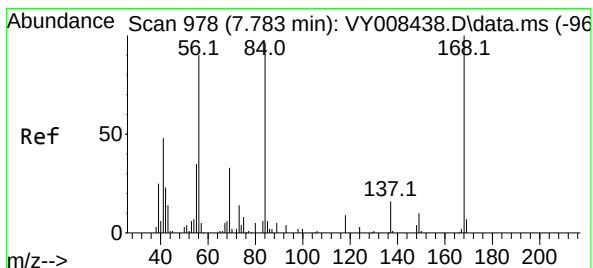
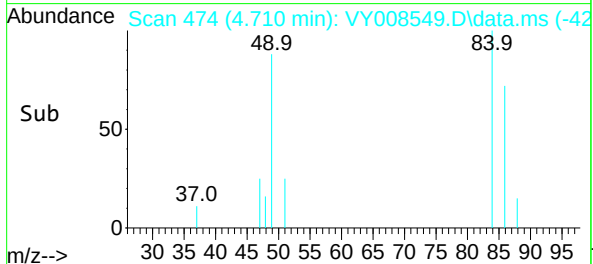
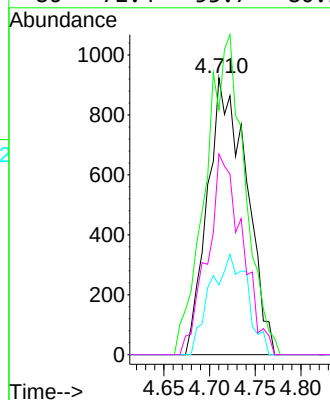
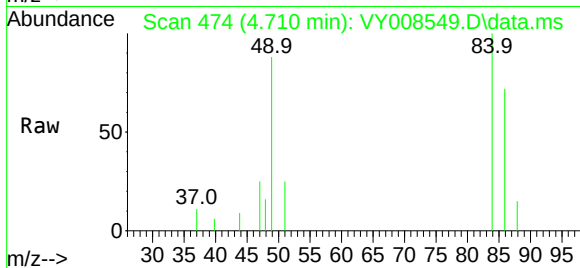
Ion Ratio Lower Upper

84 100

49 88.4 114.4 171.6#

51 25.2 35.3 52.9#

86 72.4 53.7 80.5



#31

Cyclohexane

Concen: 1.130 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY008549.D

Acq: 28 Apr 2022 15:46

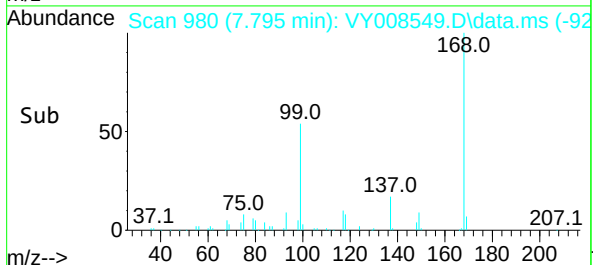
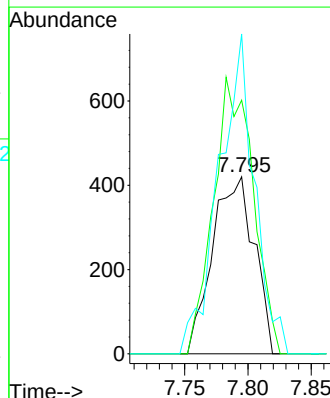
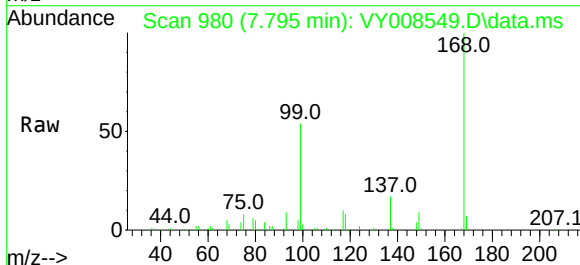
Tgt Ion: 56 Resp: 962

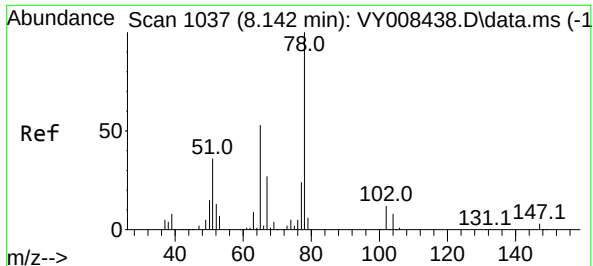
Ion Ratio Lower Upper

56 100

69 143.3 26.7 40.1#

84 180.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 48.532 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008549.D

Acq: 28 Apr 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

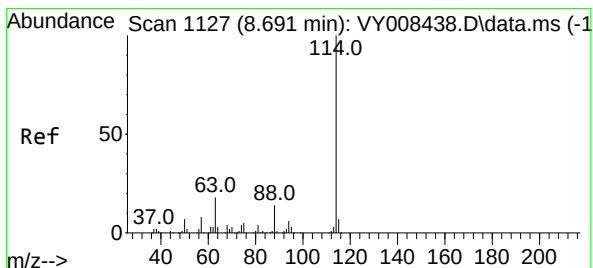
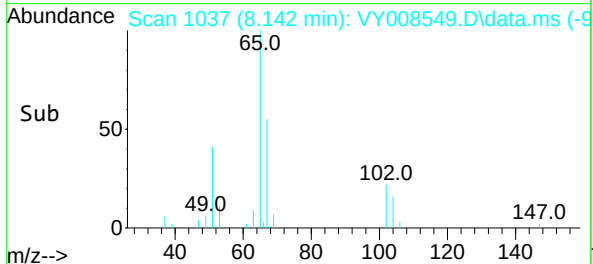
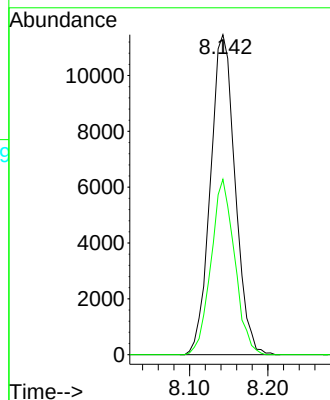
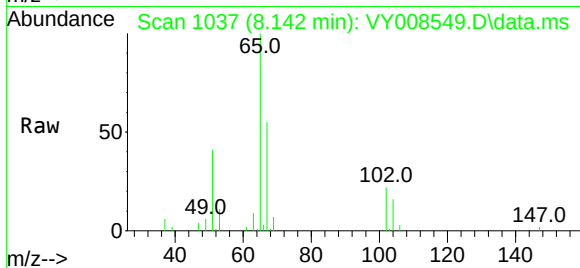
M-1

Tgt Ion: 65 Resp: 25129

Ion Ratio Lower Upper

65 100

67 52.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008549.D

Acq: 28 Apr 2022 15:46

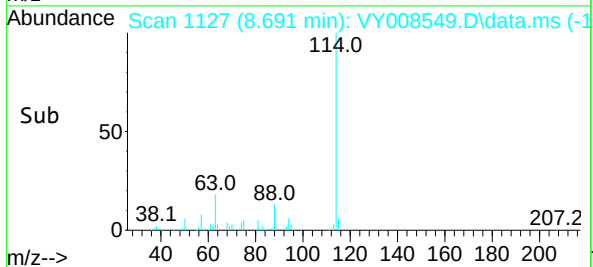
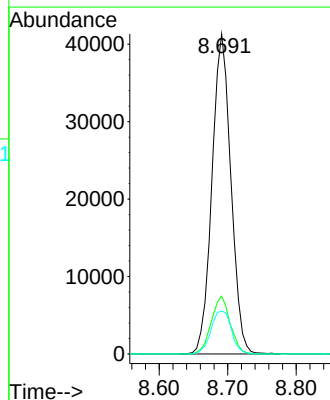
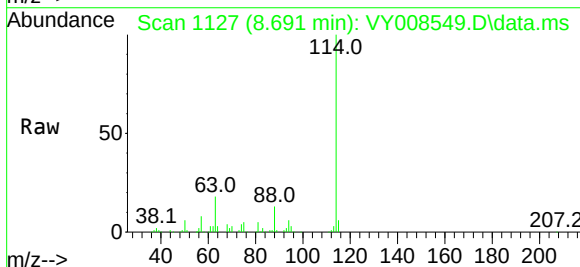
Tgt Ion: 114 Resp: 79082

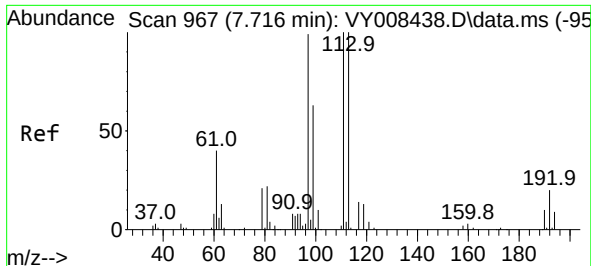
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 13.3 0.0 31.8

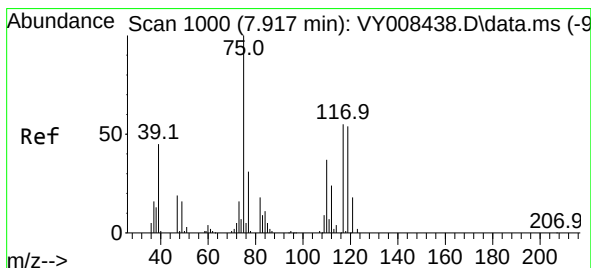
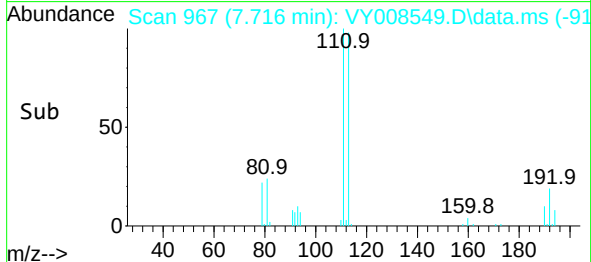
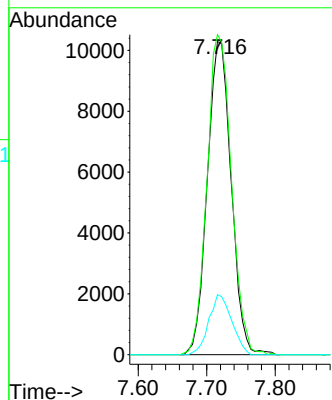
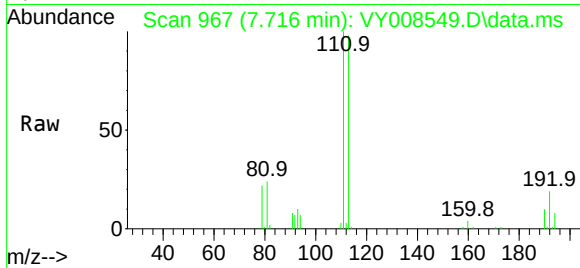




#35
 Dibromofluoromethane
 Concen: 48.783 ug/l
 RT: 7.716 min Scan# 910
 Delta R.T. -0.000 min
 Lab File: VY008549.D
 Acq: 28 Apr 2022 15:46

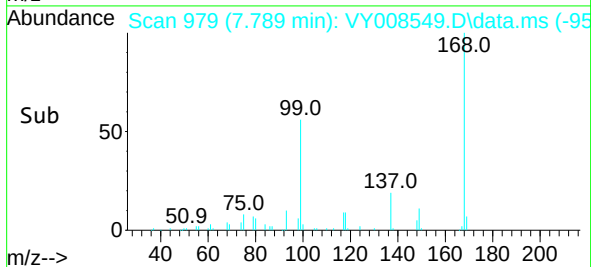
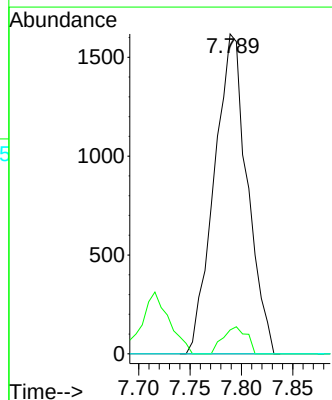
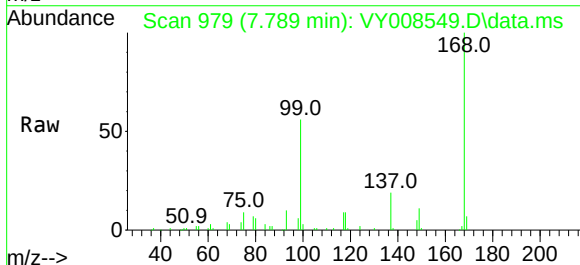
Instrument :
 MSVOA_Y
 ClientSampleId :
 M-1

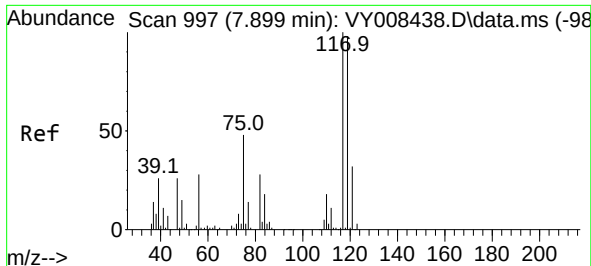
Tgt Ion:113 Resp: 24898
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.6 124.0
 192 18.4 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 4.459 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.128 min
 Lab File: VY008549.D
 Acq: 28 Apr 2022 15:46

Tgt Ion: 75 Resp: 3620
 Ion Ratio Lower Upper
 75 100
 110 6.1 17.1 51.2#
 77 0.0 24.4 36.6#

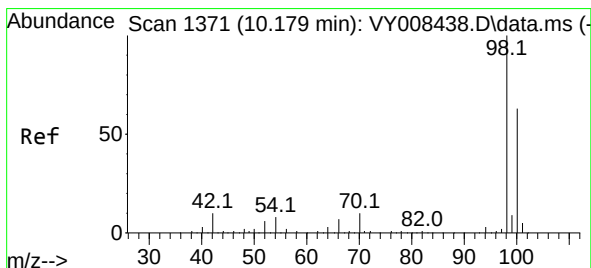
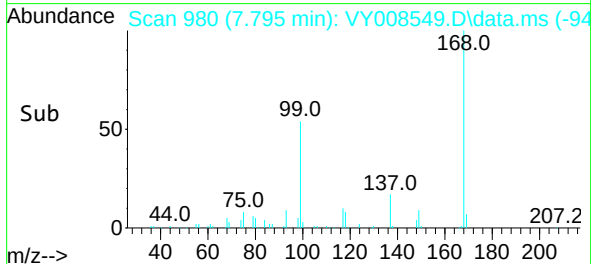
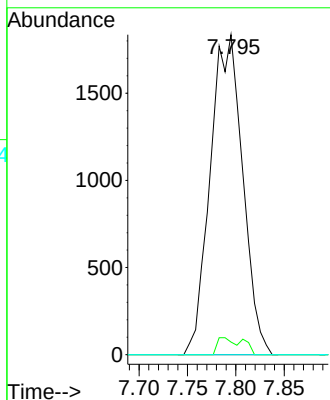
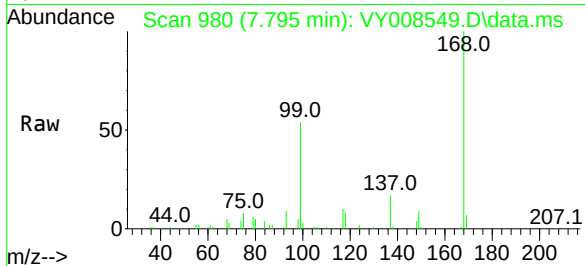




#38
Carbon Tetrachloride
Concen: 5.068 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008549.D
Acq: 28 Apr 2022 15:46

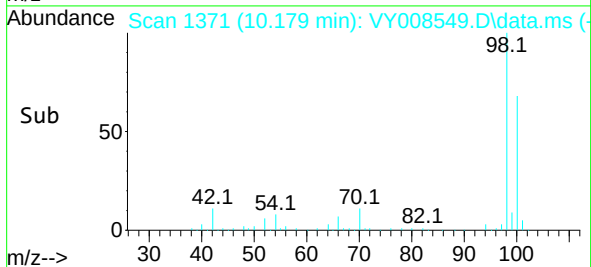
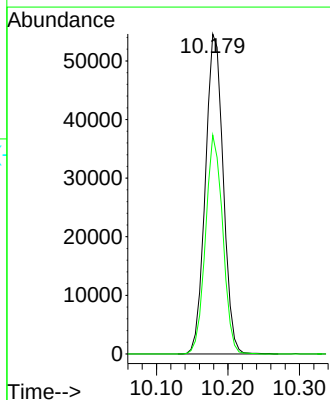
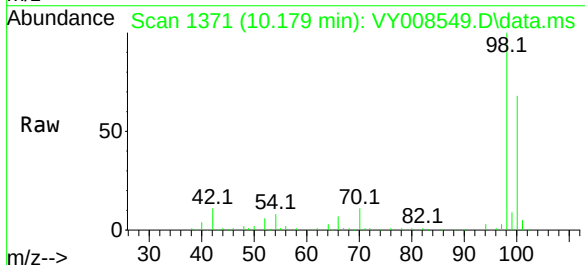
Instrument :
MSVOA_Y
ClientSampleId :
M-1

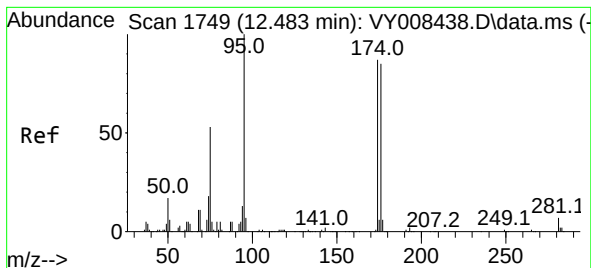
Tgt Ion:117 Resp: 4275
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.581 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008549.D
Acq: 28 Apr 2022 15:46

Tgt Ion: 98 Resp: 94428
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2

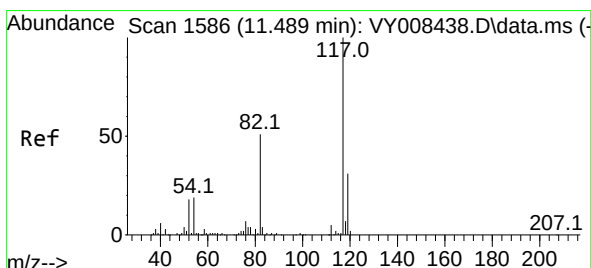
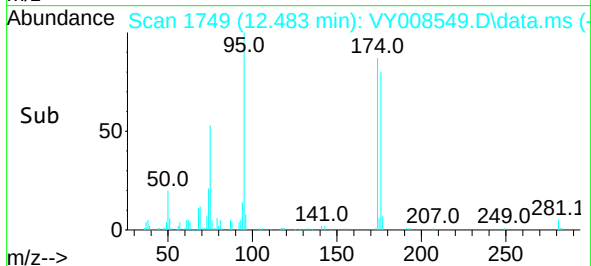
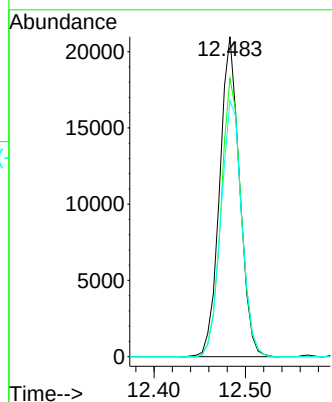
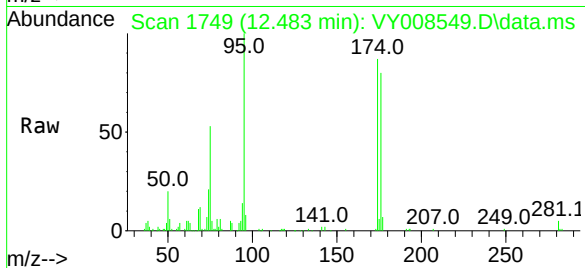




#62
4-Bromofluorobenzene
Concen: 46.217 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008549.D
Acq: 28 Apr 2022 15:46

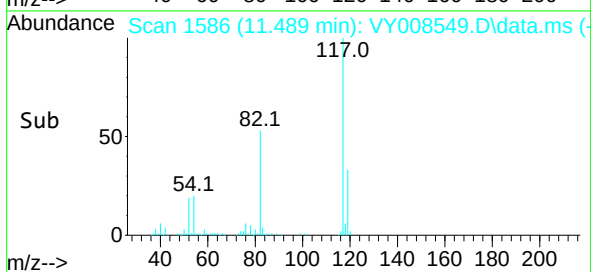
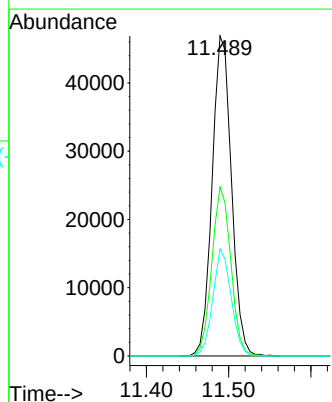
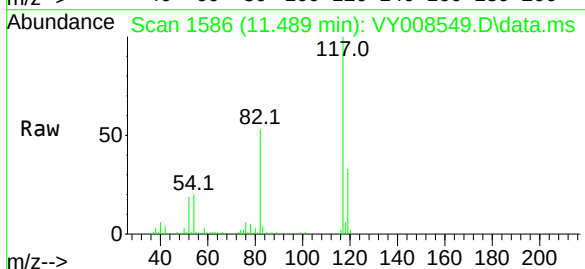
Instrument :
MSVOA_Y
ClientSampleId :
M-1

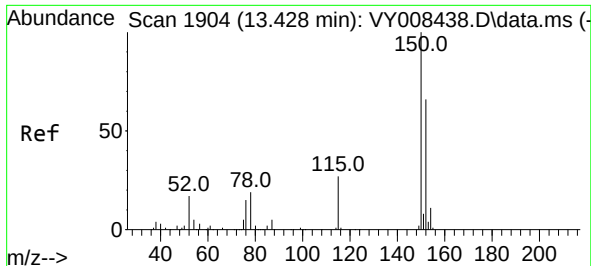
Tgt Ion: 95 Resp: 31763
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 83.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008549.D
Acq: 28 Apr 2022 15:46

Tgt Ion: 117 Resp: 76510
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 33.4 25.4 38.0

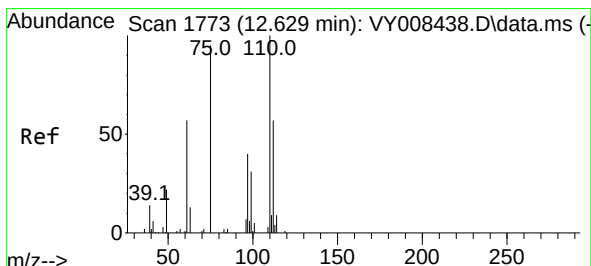
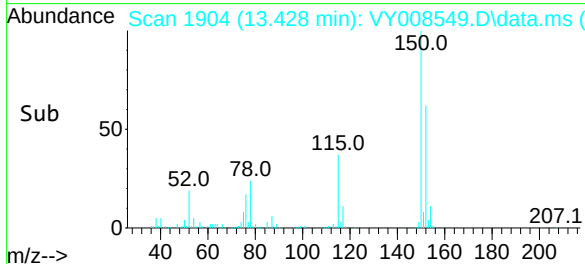
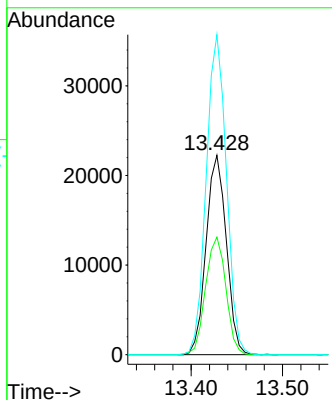
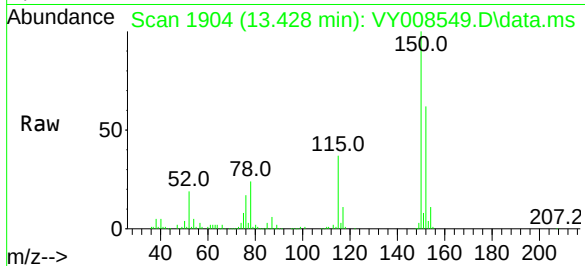




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008549.D
 Acq: 28 Apr 2022 15:46

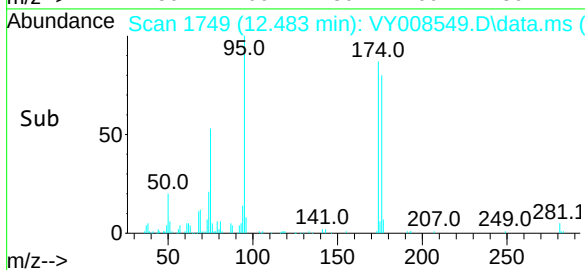
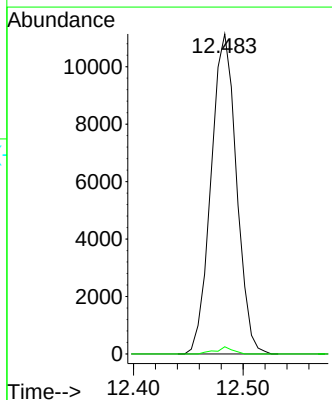
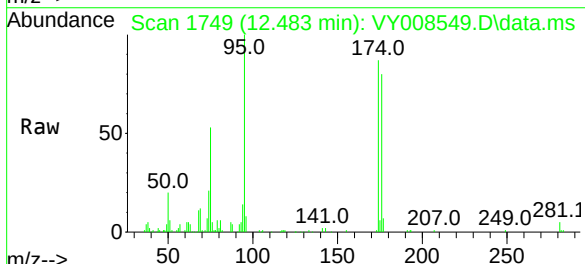
Instrument :
 MSVOA_Y
 ClientSampleId :
 M-1

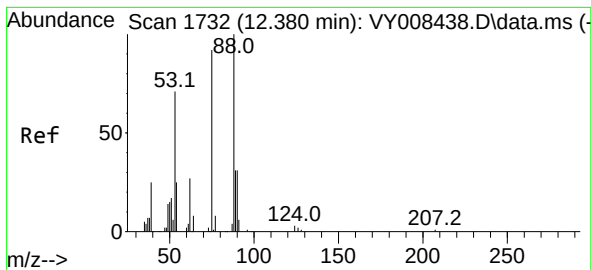
Tgt Ion:152 Resp: 34194
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.2 84.7
 150 159.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.639 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008549.D
 Acq: 28 Apr 2022 15:46

Tgt Ion: 75 Resp: 17984
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.279 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008549.D
 Acq: 28 Apr 2022 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 M-1

Tgt Ion: 75 Resp: 17984
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

