

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017490.D
 Acq On : 27 Feb 2024 12:33
 Operator : SY/MD
 Sample : VY0227SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBL01

Quant Time: Feb 28 00:13:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

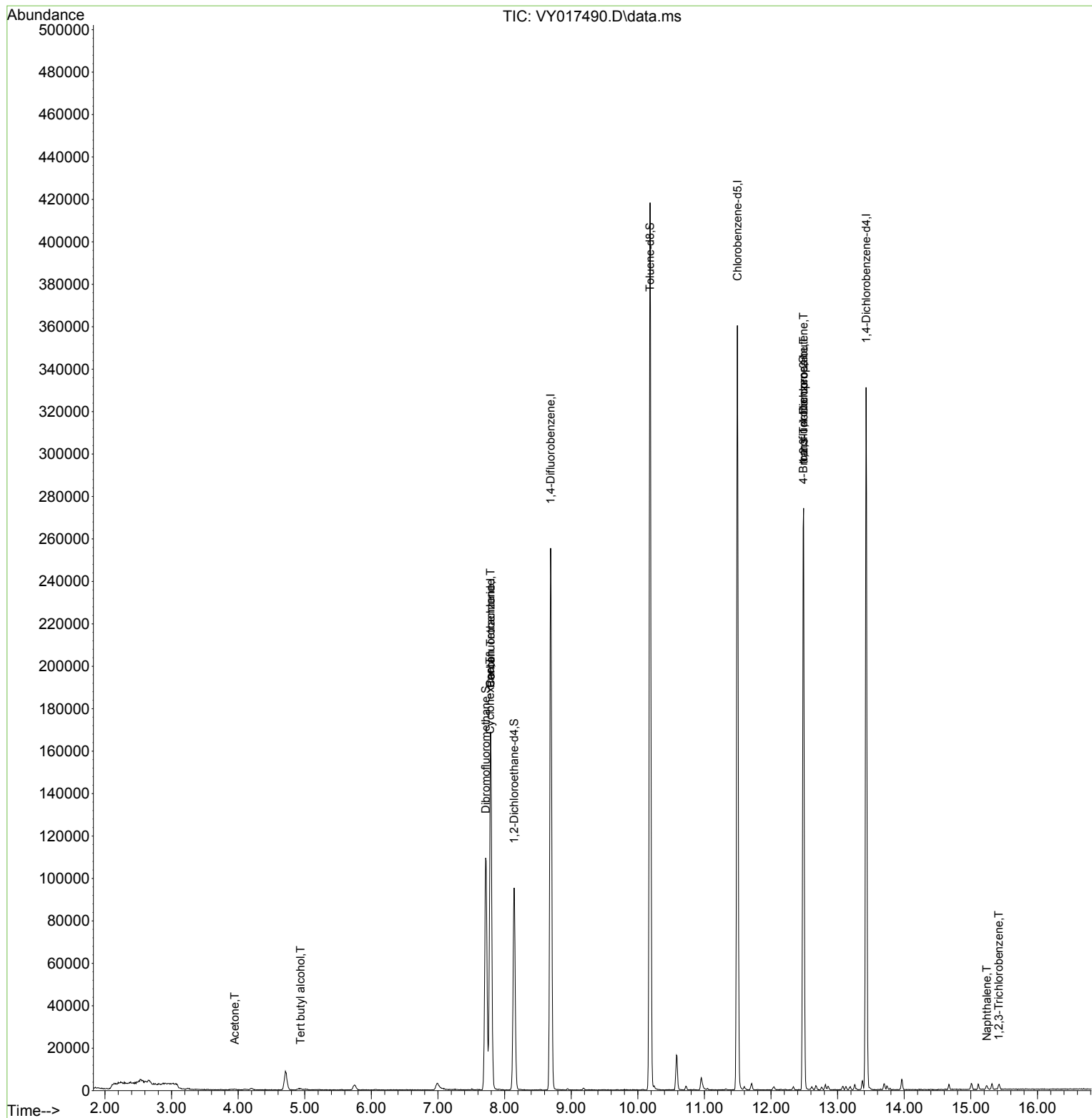
Internal Standards						
1) Pentafluorobenzene	7.789	168	138434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	202932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69515	52.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.960%	
35) Dibromofluoromethane	7.716	113	79882	48.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.900%	
50) Toluene-d8	10.185	98	282406	49.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	12.483	95	80271	44.767	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	476	4.271	ug/l #	88
16) Acetone	3.948	43	526	2.067	ug/l #	63
20) Methylene Chloride	4.710	84	7080	Below Cal		93
31) Cyclohexane	7.783	56	2704	1.266	ug/l #	21
38) Carbon Tetrachloride	7.789	117	12803	5.802	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	39427	48.000	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	39427	110.293	ug/l #	16
95) Naphthalene	15.239	128	2008	4.599	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	1294	1.081	ug/l	85

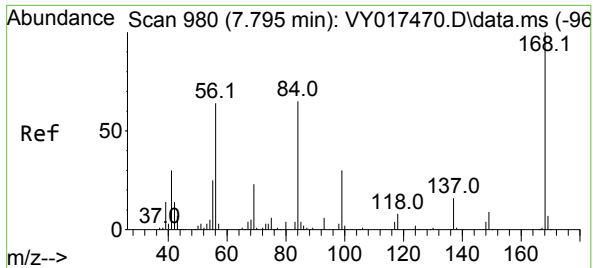
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
Data File : VY017490.D
Acq On : 27 Feb 2024 12:33
Operator : SY/MD
Sample : VY0227SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

Quant Time: Feb 28 00:13:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

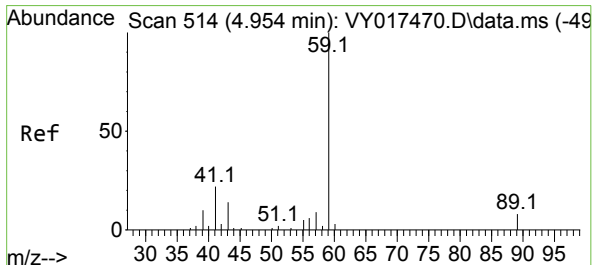
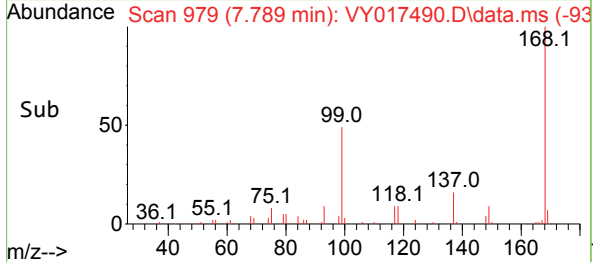
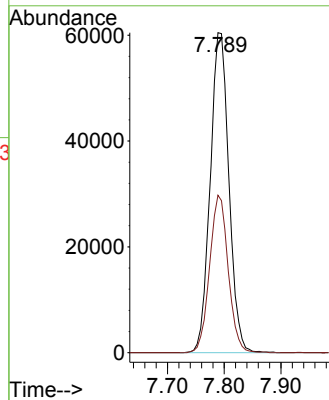
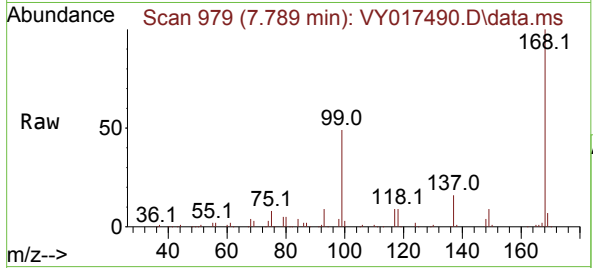




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017490.D
Acq: 27 Feb 2024 12:33

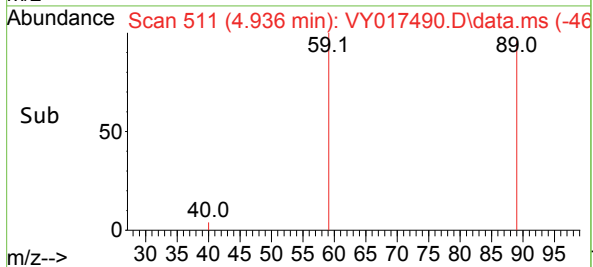
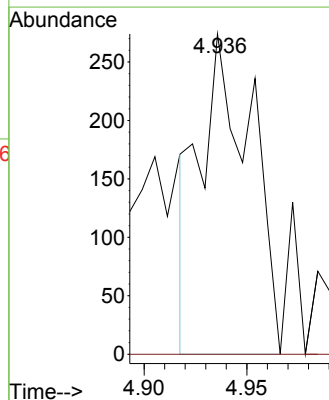
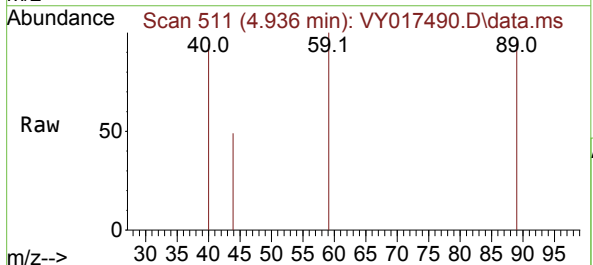
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

Tgt Ion:168 Resp: 138434
Ion Ratio Lower Upper
168 100
99 49.2 39.1 58.7



#11
Tert butyl alcohol
Concen: 4.271 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017490.D
Acq: 27 Feb 2024 12:33

Tgt Ion: 59 Resp: 476
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.067 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY017490.D

Acq: 27 Feb 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

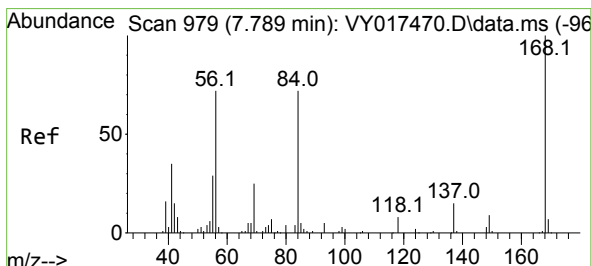
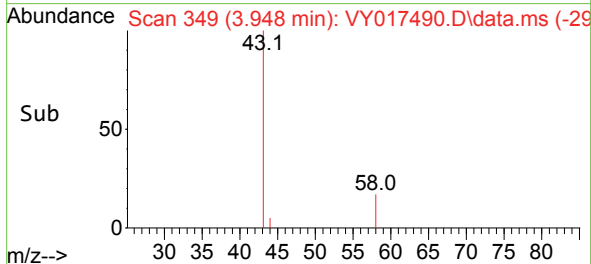
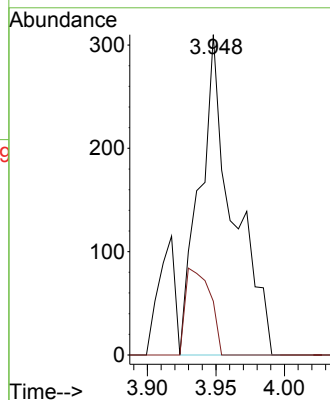
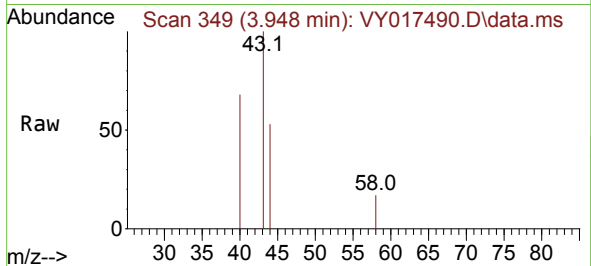
VY0227SBL01

Tgt Ion: 43 Resp: 526

Ion Ratio Lower Upper

43 100

58 16.8 31.7 47.5#



#31

Cyclohexane

Concen: 1.266 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY017490.D

Acq: 27 Feb 2024 12:33

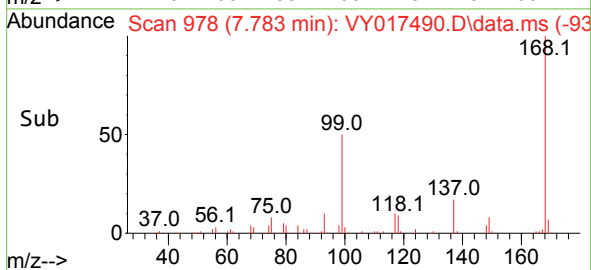
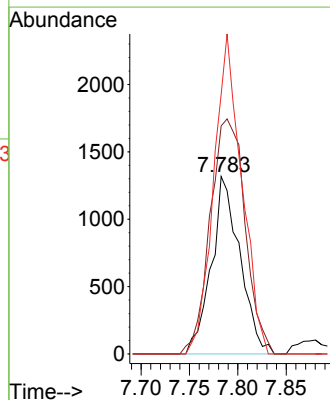
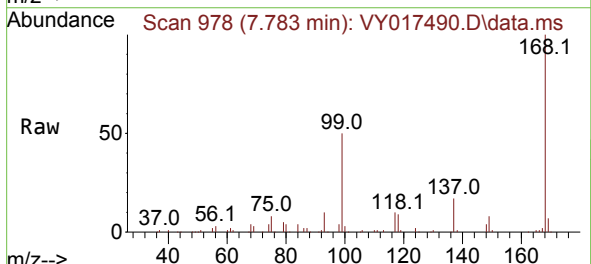
Tgt Ion: 56 Resp: 2704

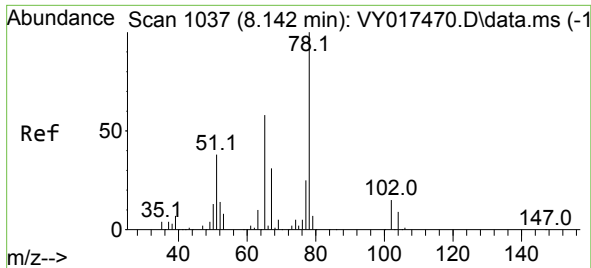
Ion Ratio Lower Upper

56 100

69 128.5 28.7 43.1#

84 146.2 77.7 116.5#

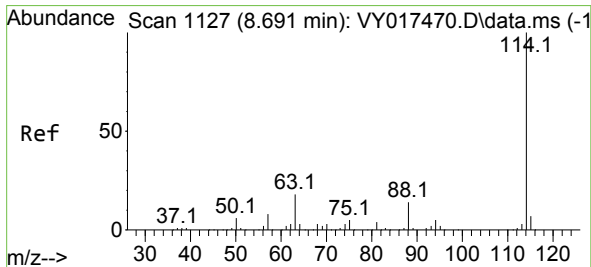
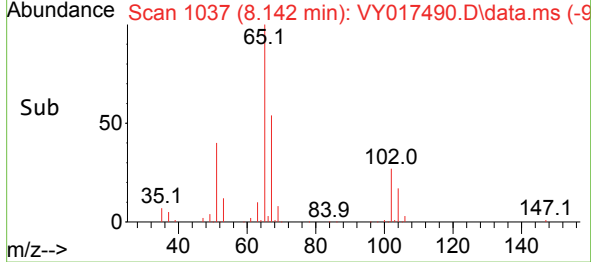
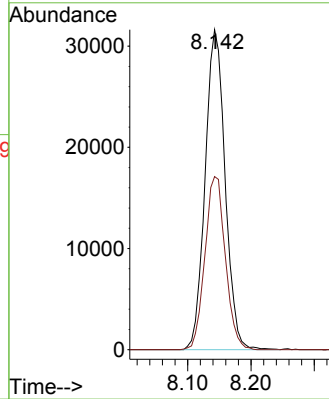
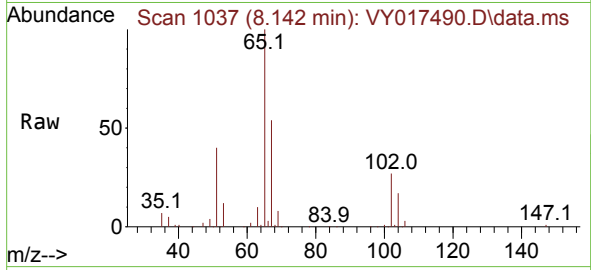




#33
 1,2-Dichloroethane-d4
 Concen: 52.985 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY017490.D
 Acq: 27 Feb 2024 12:33

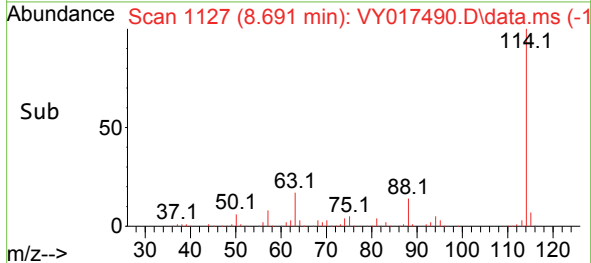
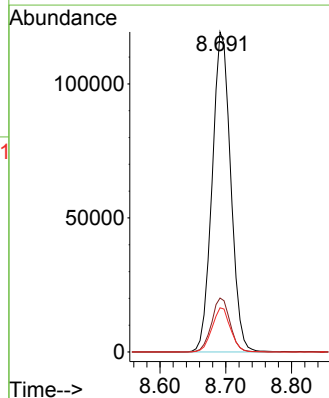
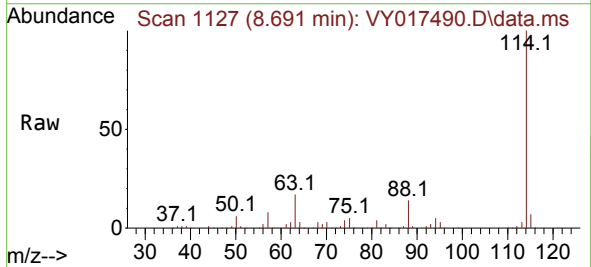
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBL01

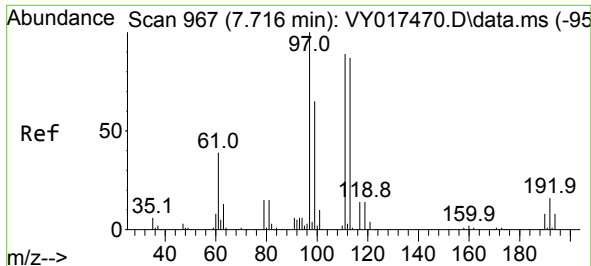
Tgt Ion: 65 Resp: 69515
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY017490.D
 Acq: 27 Feb 2024 12:33

Tgt Ion:114 Resp: 234177
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 35.0
 88 13.8 0.0 27.2

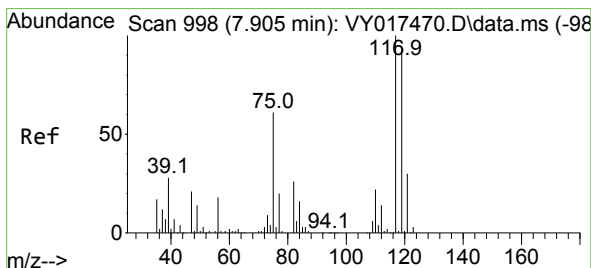
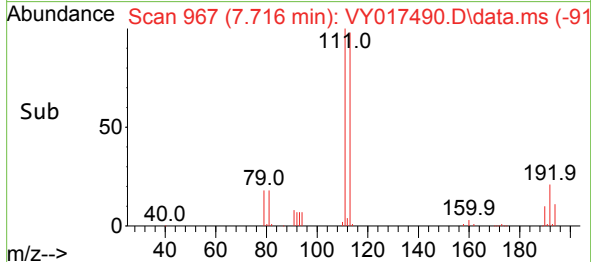
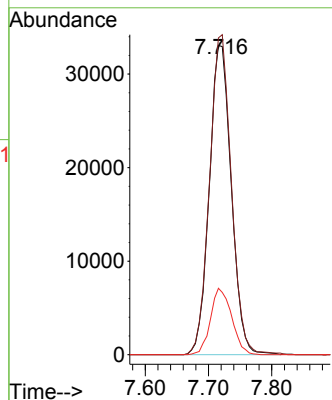
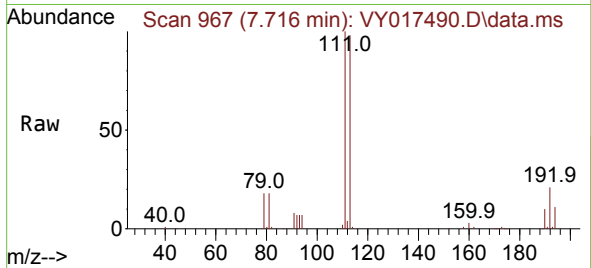




#35
Dibromofluoromethane
Concen: 48.953 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017490.D
Acq: 27 Feb 2024 12:33

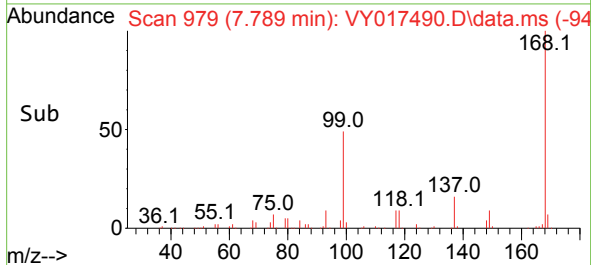
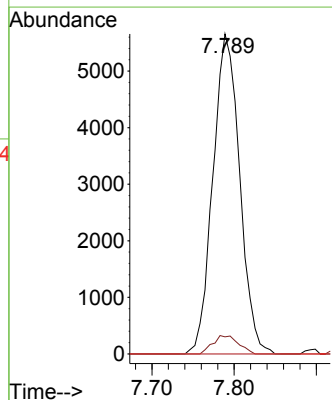
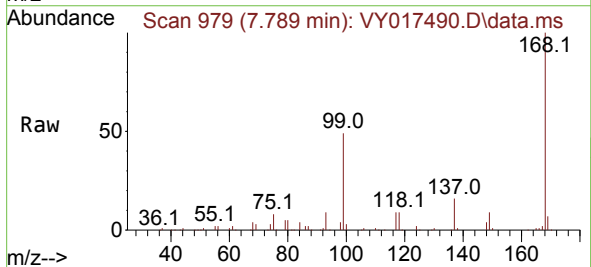
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

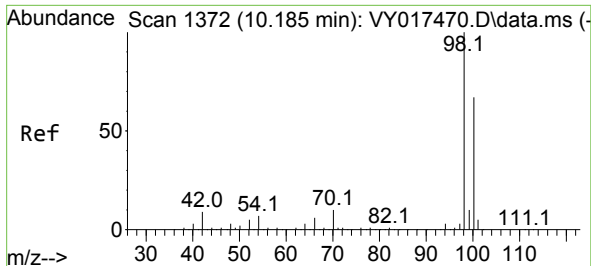
Tgt Ion:113 Resp: 79882
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 20.7 15.9 23.9



#38
Carbon Tetrachloride
Concen: 5.802 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY017490.D
Acq: 27 Feb 2024 12:33

Tgt Ion:117 Resp: 12803
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#

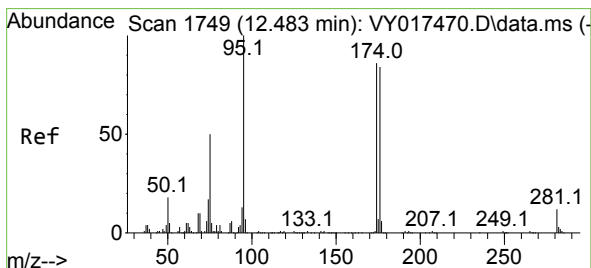
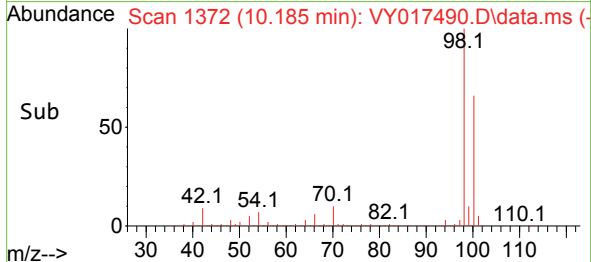
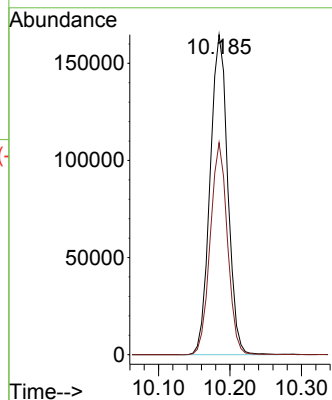
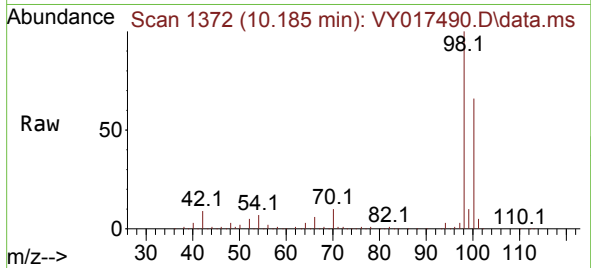




#50
Toluene-d8
Concen: 49.498 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017490.D
Acq: 27 Feb 2024 12:33

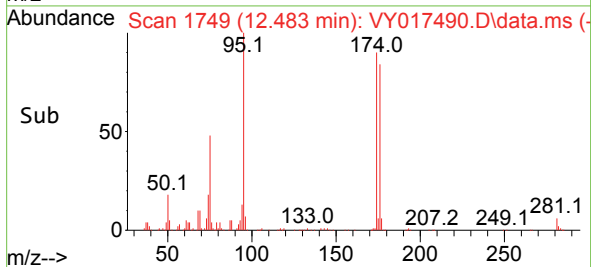
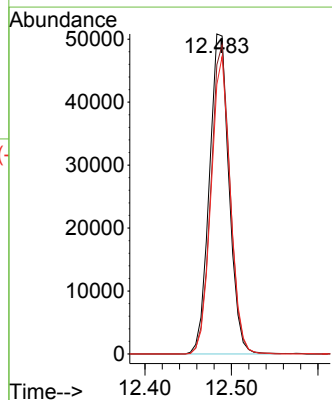
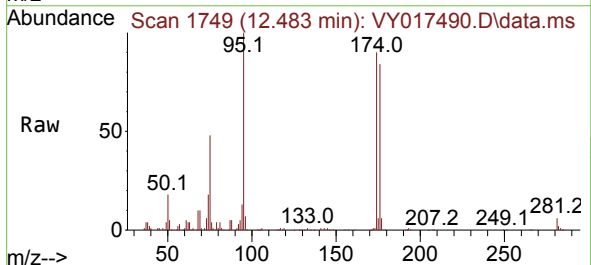
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

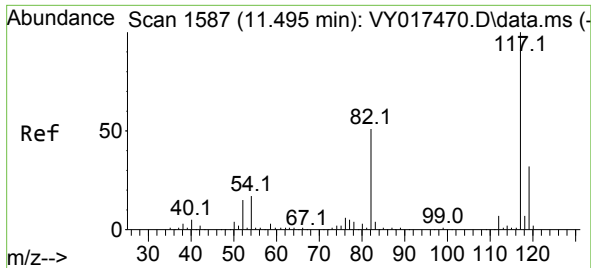
Tgt Ion: 98 Resp: 282406
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.767 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017490.D
Acq: 27 Feb 2024 12:33

Tgt Ion: 95 Resp: 80271
Ion Ratio Lower Upper
95 100
174 94.4 0.0 175.6
176 90.9 0.0 171.4

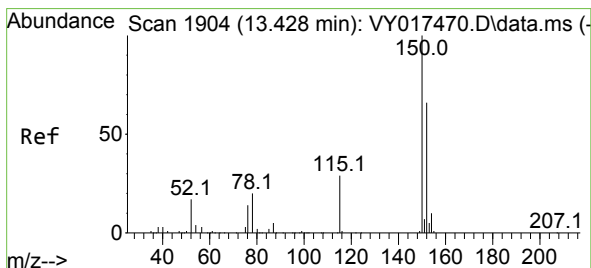
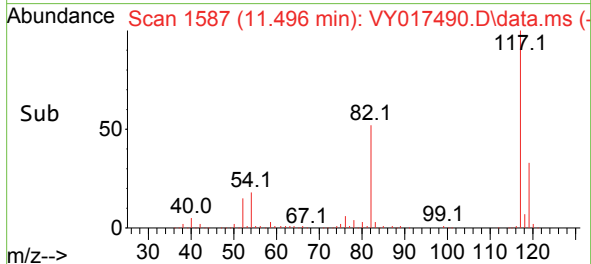
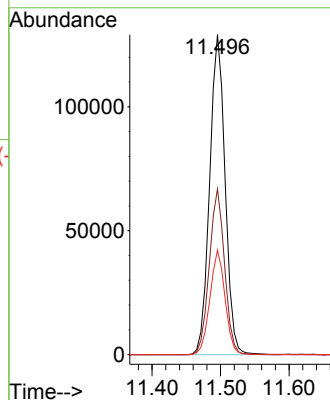
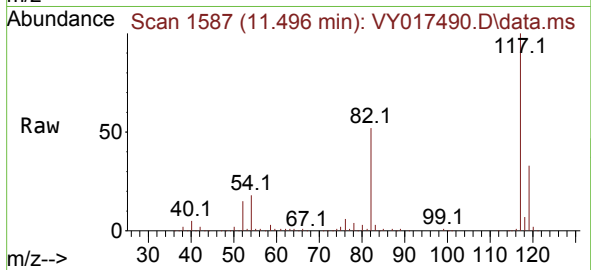




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017490.D
Acq: 27 Feb 2024 12:33

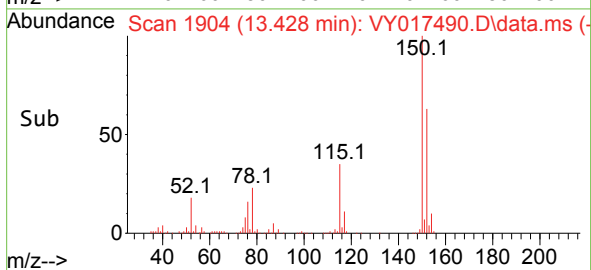
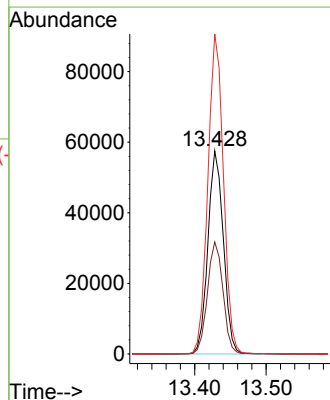
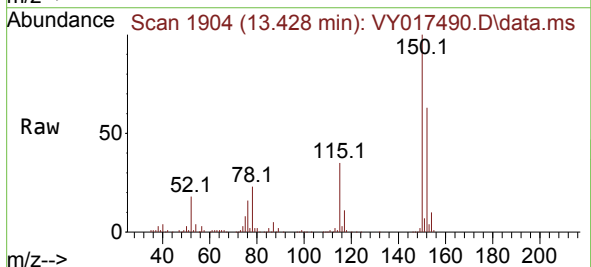
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

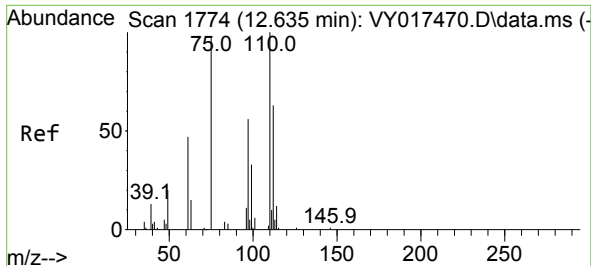
Tgt Ion:117 Resp: 202932
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017490.D
Acq: 27 Feb 2024 12:33

Tgt Ion:152 Resp: 86449
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 158.1 0.0 345.6

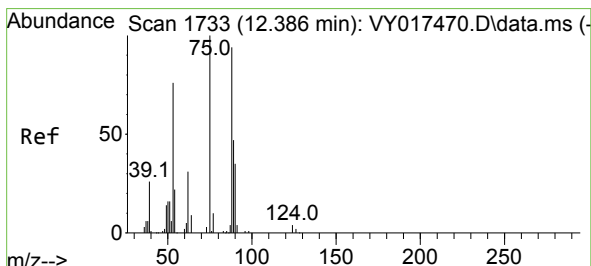
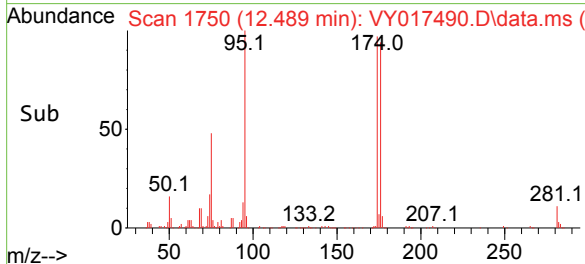
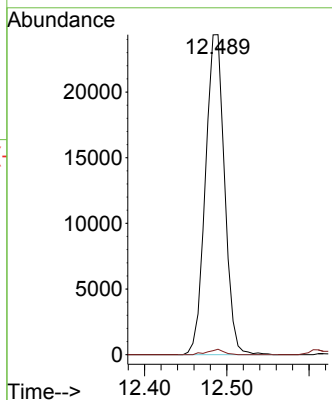
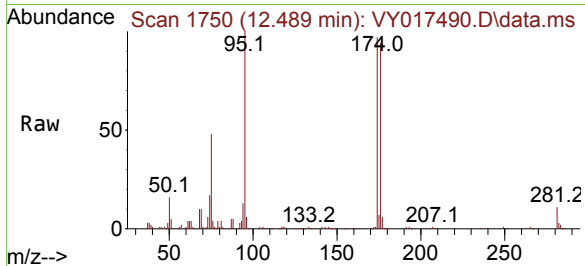




#76
1,2,3-Trichloropropane
Concen: 48.000 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017490.D
Acq: 27 Feb 2024 12:33

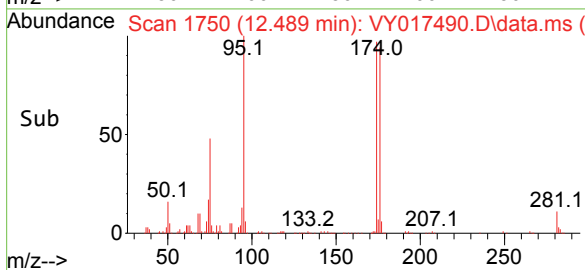
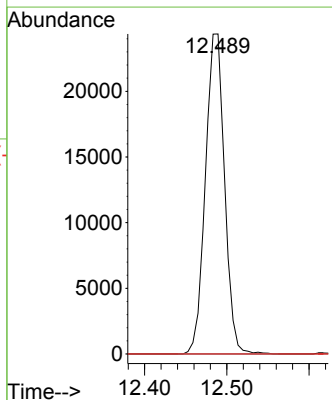
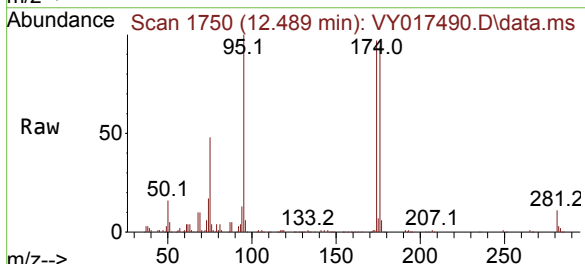
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

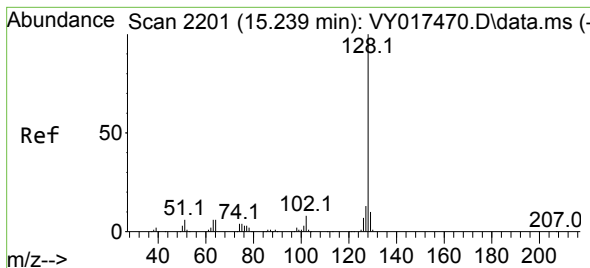
Tgt Ion: 75 Resp: 39427
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.293 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017490.D
Acq: 27 Feb 2024 12:33

Tgt Ion: 75 Resp: 39427
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95

Naphthalene

Concen: 4.599 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017490.D

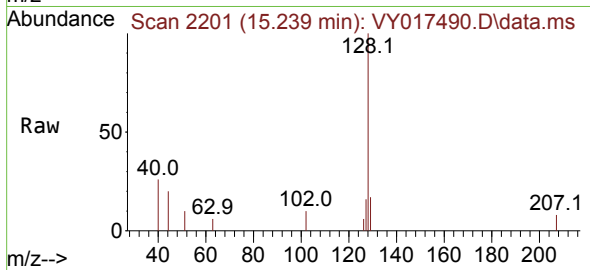
Acq: 27 Feb 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBL01



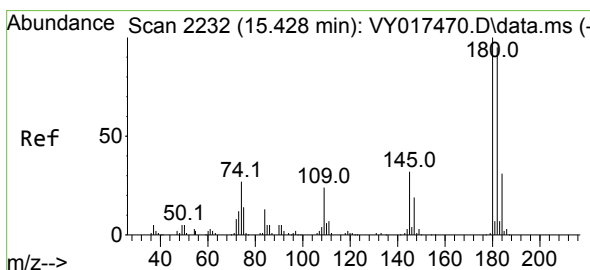
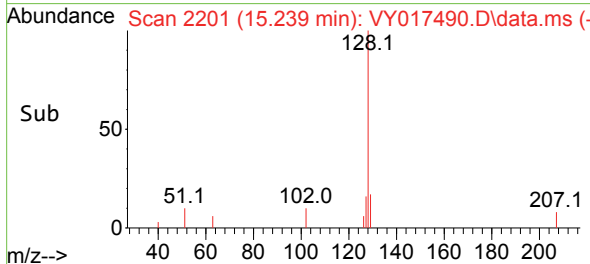
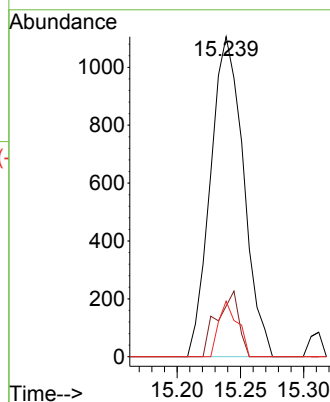
Tgt Ion:128 Resp: 2008

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.081 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY017490.D

Acq: 27 Feb 2024 12:33

Tgt Ion:180 Resp: 1294

Ion Ratio Lower Upper

180 100

182 76.7 47.6 142.9

145 29.5 15.4 46.1

