

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017219.D
 Acq On : 05 Feb 2024 10:42
 Operator : SY/MD
 Sample : VY0205SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBL01

Quant Time: Feb 06 01:11:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

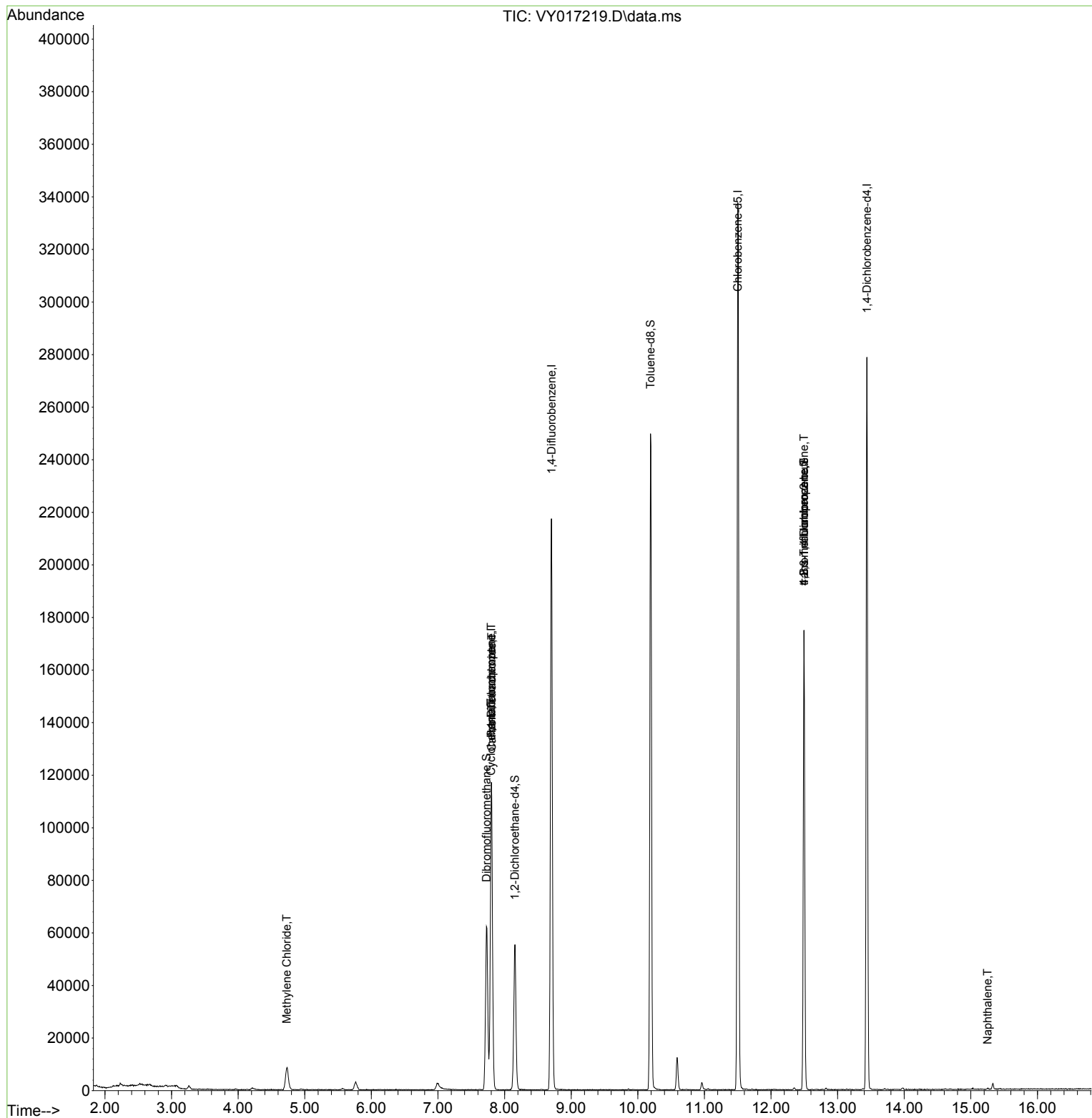
Internal Standards						
1) Pentafluorobenzene	7.801	168	89184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	187751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	187320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	71448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	40840	51.260	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	102.520%	
35) Dibromofluoromethane	7.728	113	45229	44.616	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	89.240%	
50) Toluene-d8	10.191	98	166782	45.187	ug/l	0.00
Spiked Amount 50.000	Range	58 - 134	Recovery	=	90.380%	
62) 4-Bromofluorobenzene	12.495	95	53330	44.108	ug/l	0.00
Spiked Amount 50.000	Range	30 - 143	Recovery	=	88.220%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	72	Below Cal	#	75
20) Methylene Chloride	4.728	84	6529	3.553	ug/l	96
31) Cyclohexane	7.795	56	1964	1.223	ug/l #	24
36) 1,1-Dichloropropene	7.801	75	7315	4.183	ug/l #	49
38) Carbon Tetrachloride	7.807	117	8675	5.181	ug/l #	18
76) 1,2,3-Trichloropropane	12.495	75	27451	41.627	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	27451	86.495	ug/l #	12
95) Naphthalene	15.251	128	417	3.628	ug/l #	69

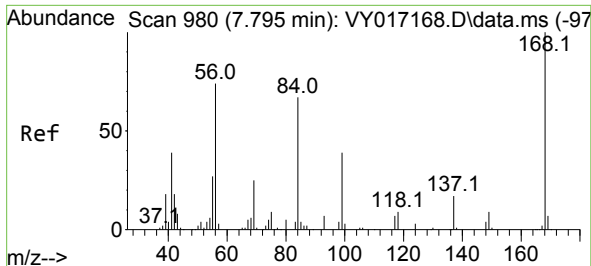
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017219.D
Acq On : 05 Feb 2024 10:42
Operator : SY/MD
Sample : VY0205SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBL01

Quant Time: Feb 06 01:11:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

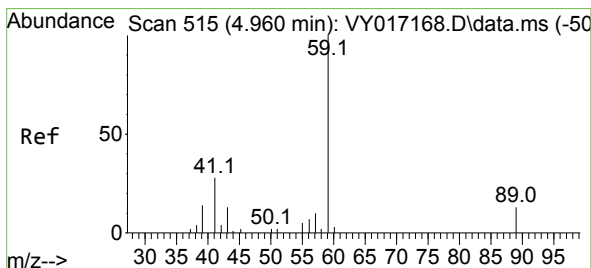
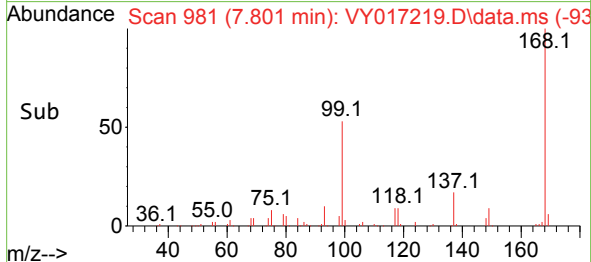
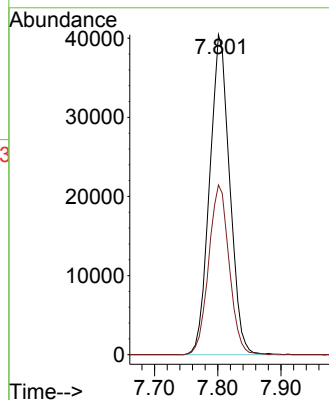
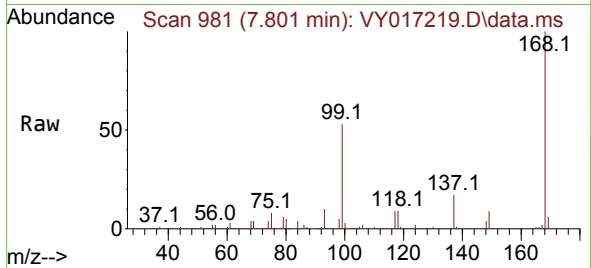




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42

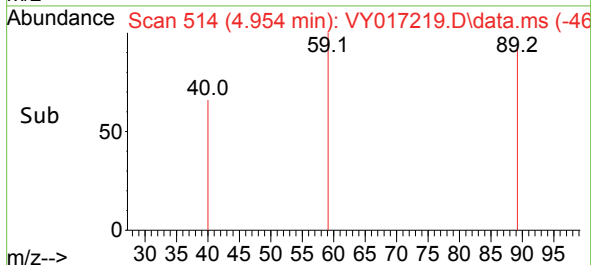
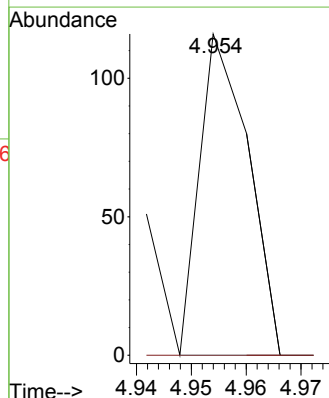
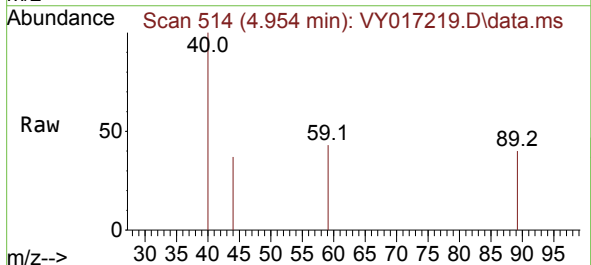
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBL01

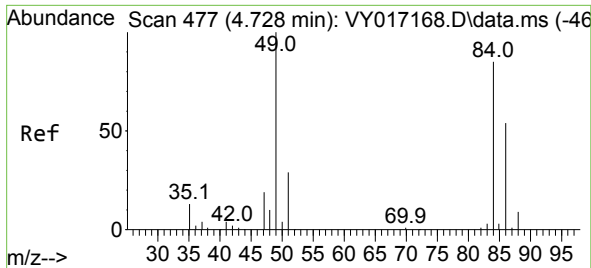
Tgt Ion:168 Resp: 89184
Ion Ratio Lower Upper
168 100
99 53.1 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42

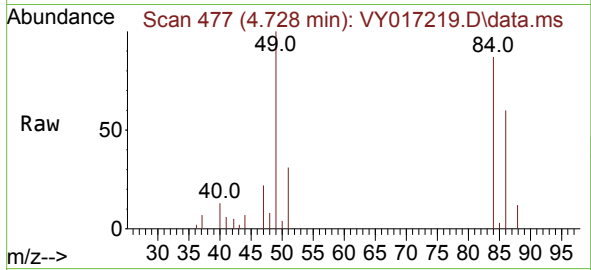
Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





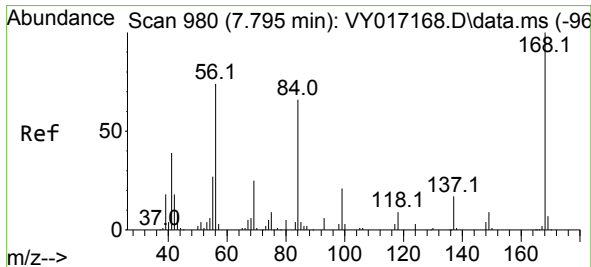
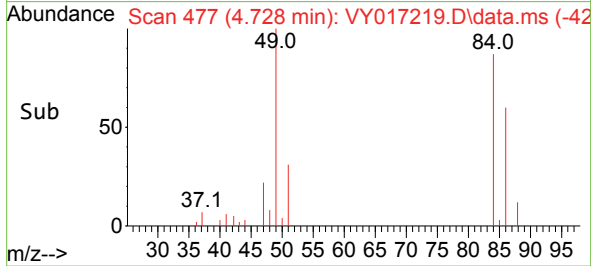
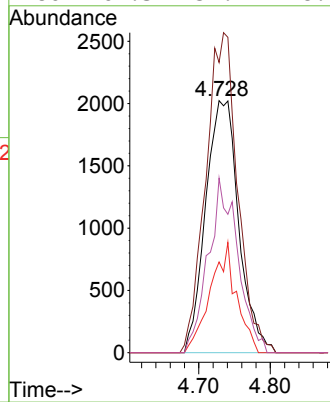
#20
Methylene Chloride
Concen: 3.553 ug/l
RT: 4.728 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBL01

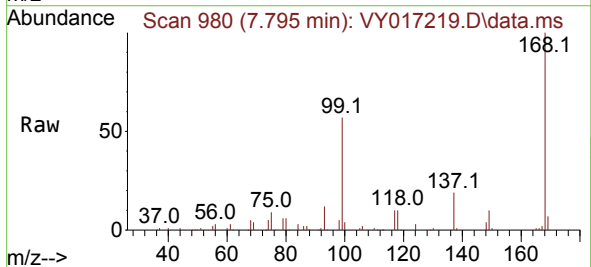


Tgt Ion: 84 Resp: 6529

Ion	Ratio	Lower	Upper
84	100		
49	115.2	95.2	142.8
51	36.0	29.9	44.9
86	69.3	52.2	78.4

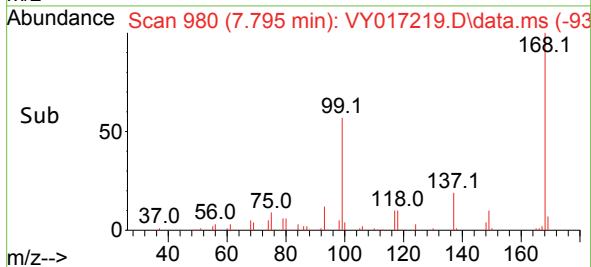
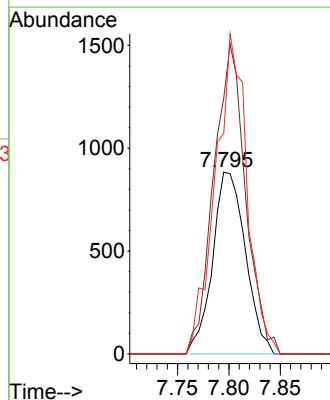


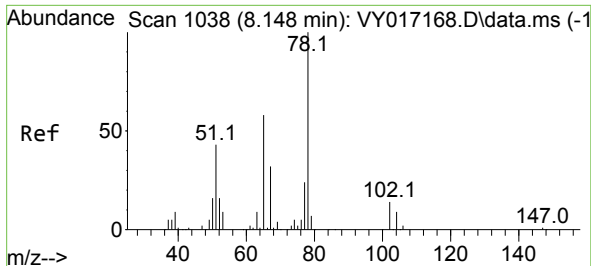
#31
Cyclohexane
Concen: 1.223 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42



Tgt Ion: 56 Resp: 1964

Ion	Ratio	Lower	Upper
56	100		
69	140.8	27.0	40.6#
84	121.2	71.8	107.6#

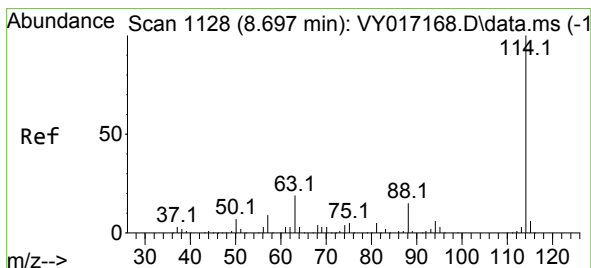
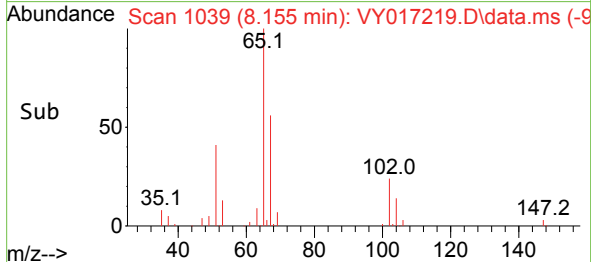
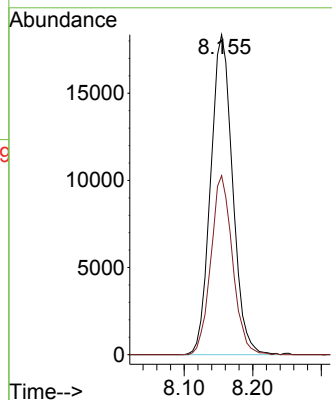
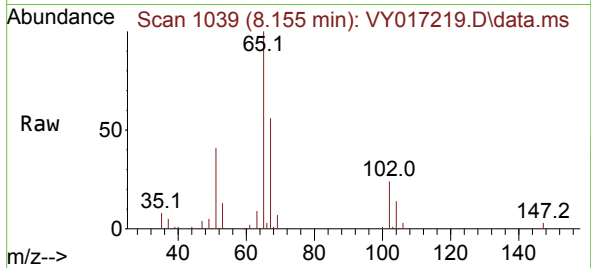




#33
1,2-Dichloroethane-d4
Concen: 51.260 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42

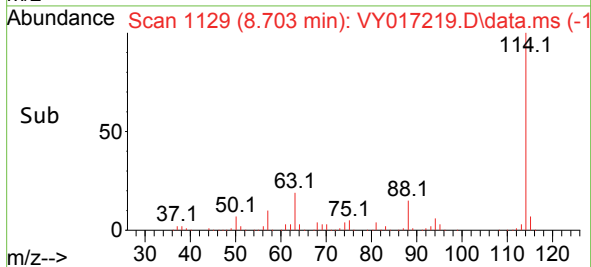
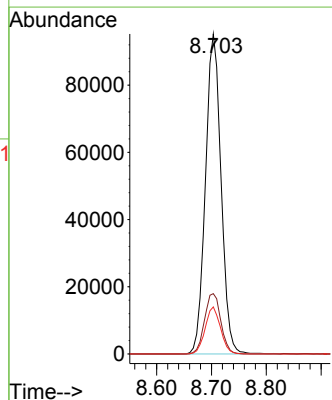
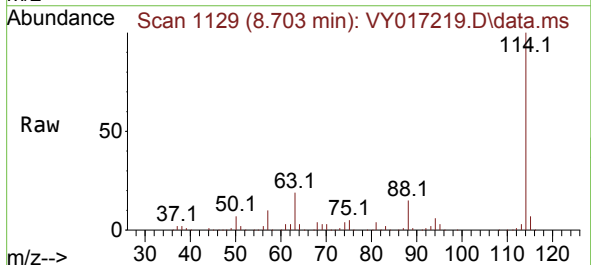
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBL01

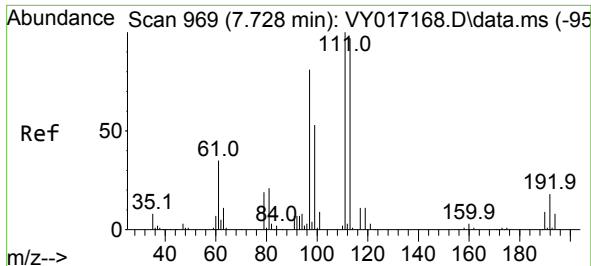
Tgt Ion: 65 Resp: 40840
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42

Tgt Ion:114 Resp: 187751
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.4
88 14.7 0.0 29.0

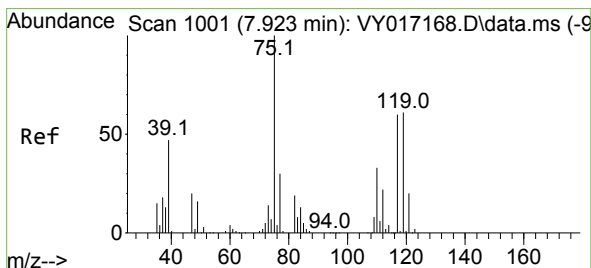
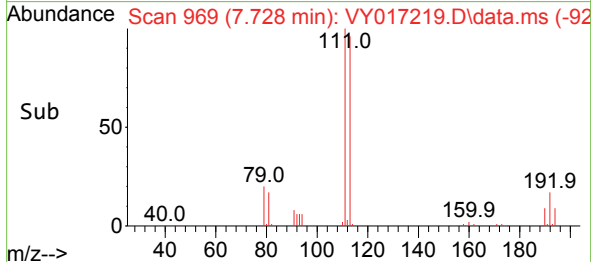
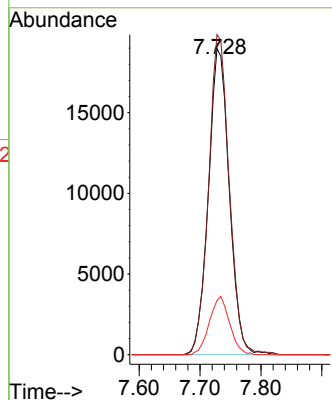
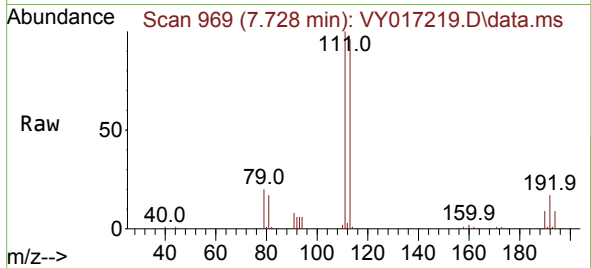




#35
Dibromofluoromethane
Concen: 44.616 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42

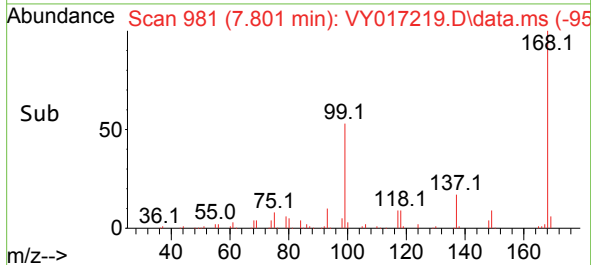
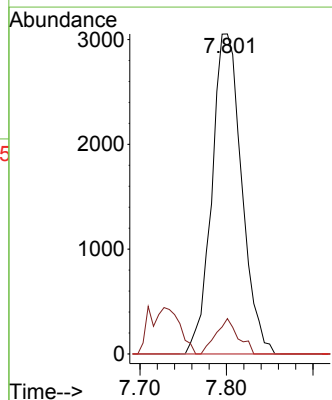
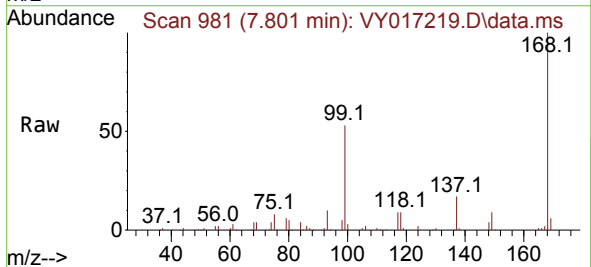
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBL01

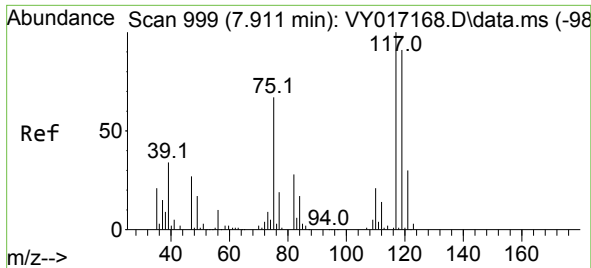
Tgt Ion:113 Resp: 45229
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 18.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.183 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42

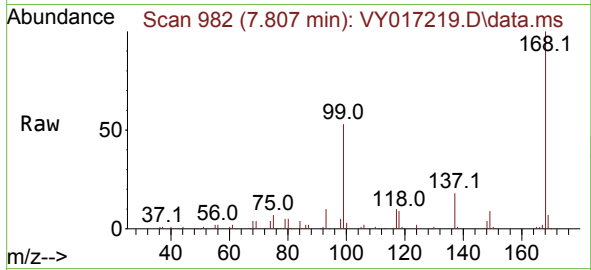
Tgt Ion: 75 Resp: 7315
Ion Ratio Lower Upper
75 100
110 8.2 17.4 52.3#
77 0.0 24.7 37.1#



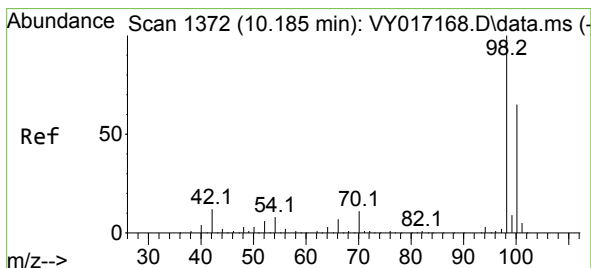
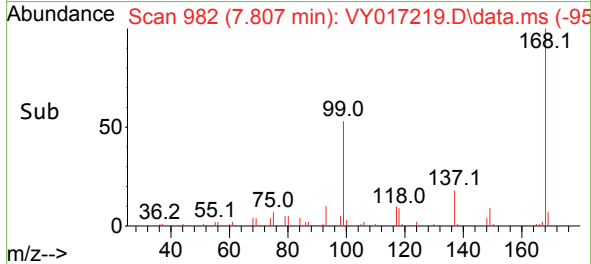
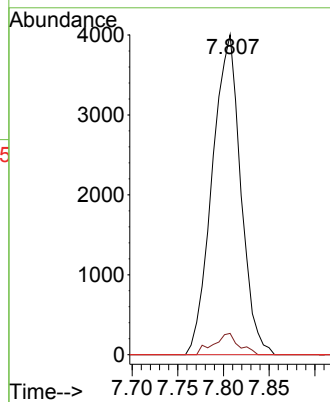


#38
Carbon Tetrachloride
Concen: 5.181 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBL01

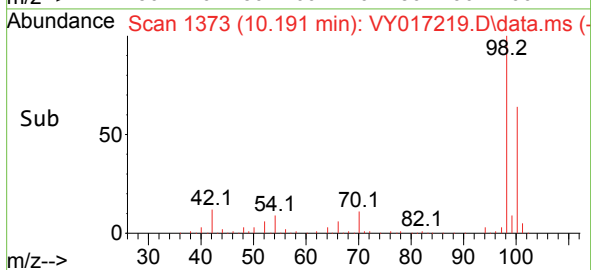
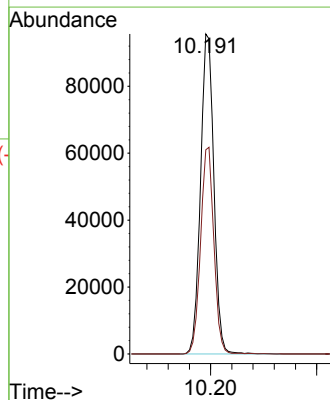
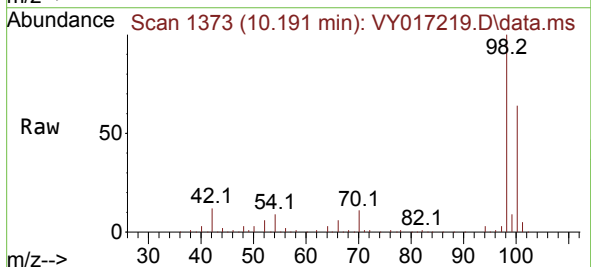


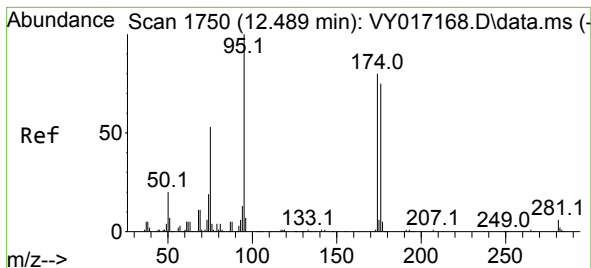
Tgt Ion:117 Resp: 8675
Ion Ratio Lower Upper
117 100
119 6.6 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 45.187 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42

Tgt Ion: 98 Resp: 166782
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

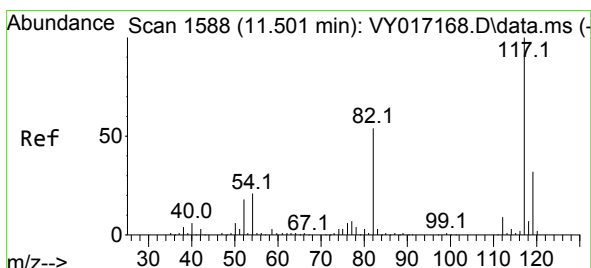
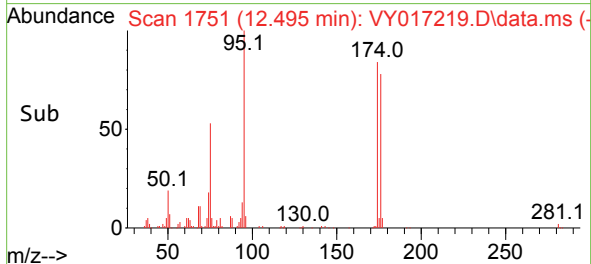
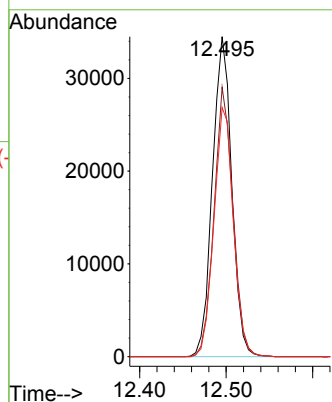
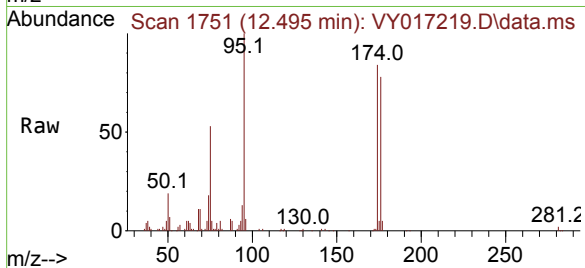




#62
4-Bromofluorobenzene
Concen: 44.108 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42

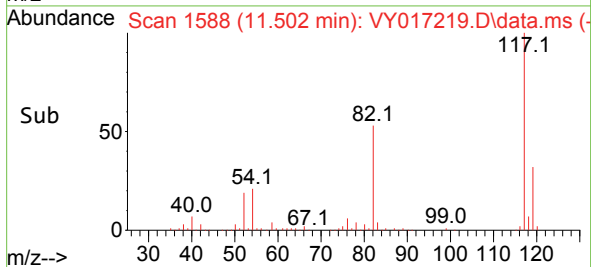
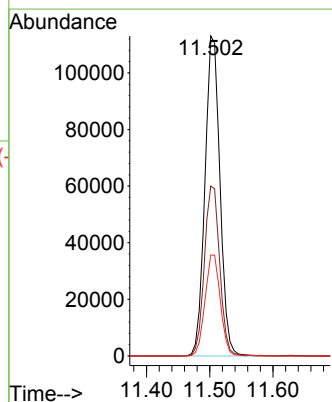
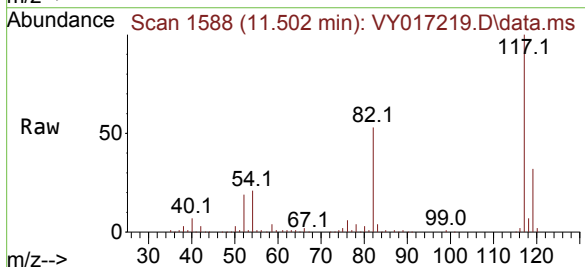
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBL01

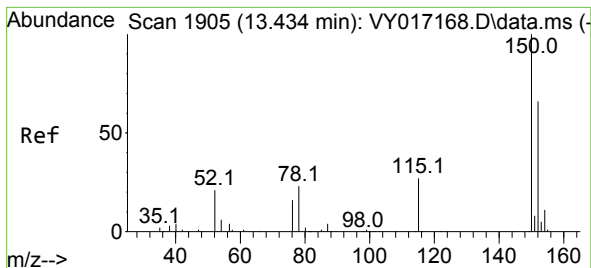
Tgt Ion: 95 Resp: 53330
Ion Ratio Lower Upper
95 100
174 82.6 0.0 160.0
176 78.9 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42

Tgt Ion: 117 Resp: 187320
Ion Ratio Lower Upper
117 100
82 53.1 43.8 65.8
119 31.6 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017219.D

Acq: 05 Feb 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBL01

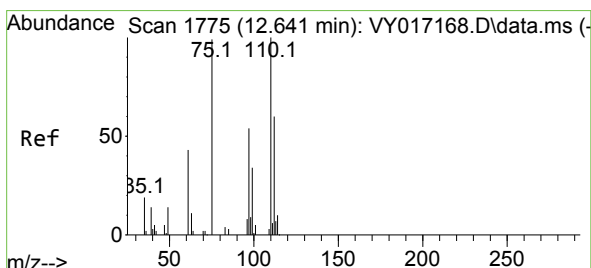
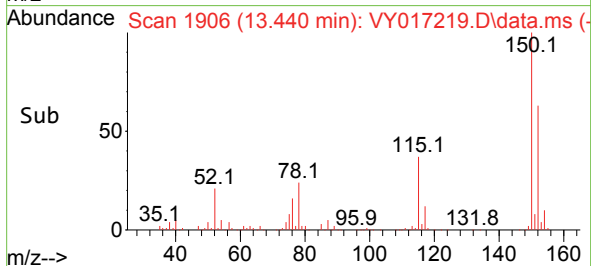
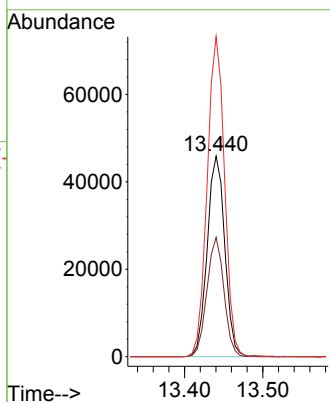
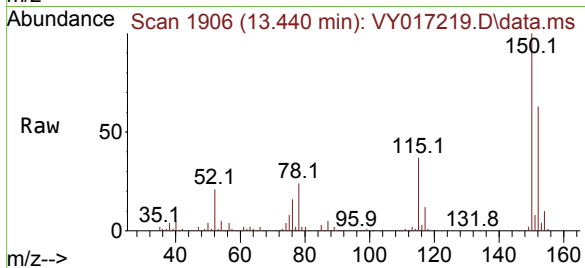
Tgt Ion:152 Resp: 71448

Ion Ratio Lower Upper

152 100

115 57.6 30.0 90.0

150 157.7 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 41.627 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.146 min

Lab File: VY017219.D

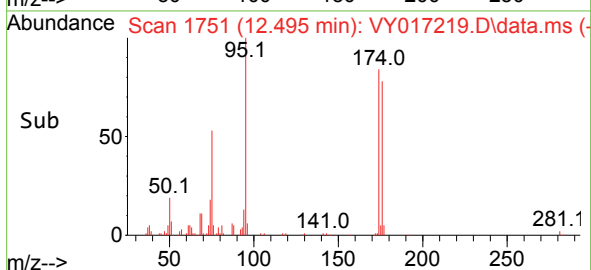
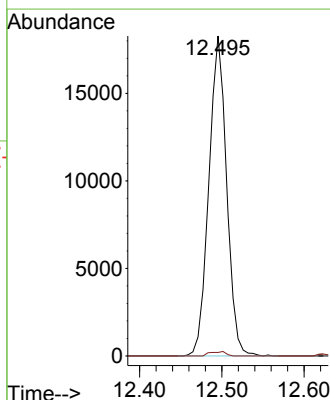
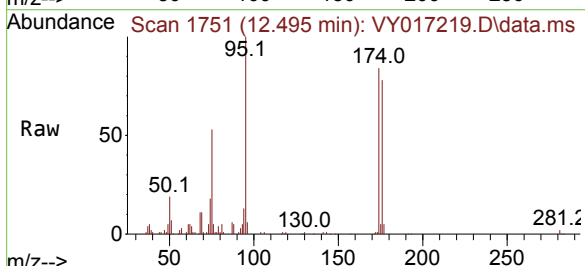
Acq: 05 Feb 2024 10:42

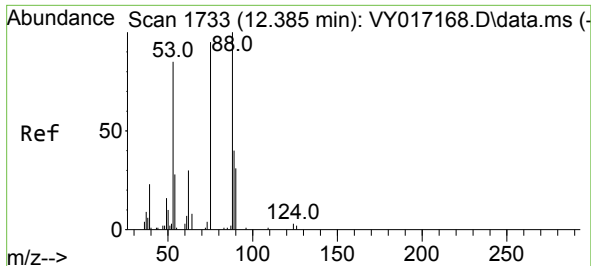
Tgt Ion: 75 Resp: 27451

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

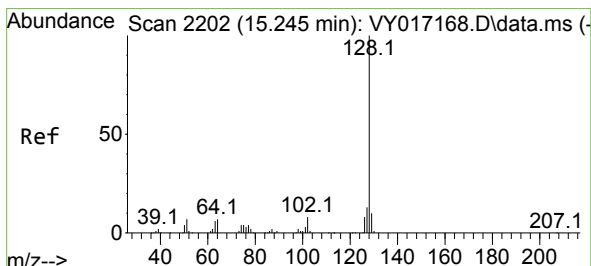
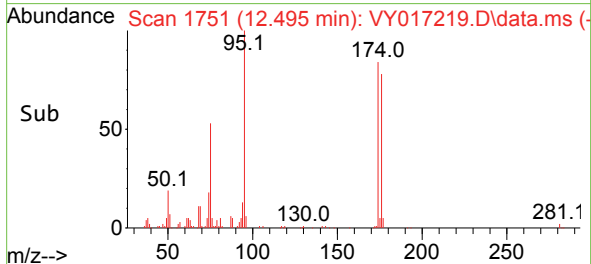
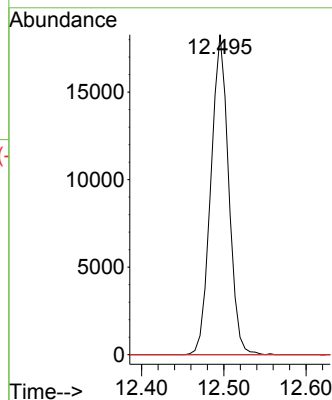
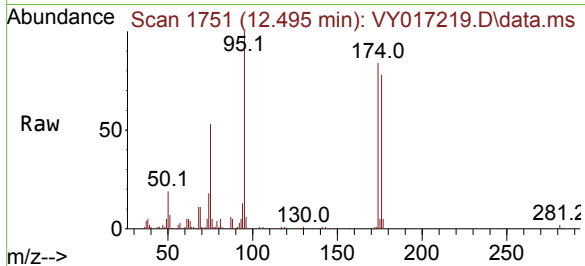




#81
trans-1,4-Dichloro-2-butene
Concen: 86.495 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBL01

Tgt Ion: 75 Resp: 27451
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.628 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42

Tgt Ion: 128 Resp: 417
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

