

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
 Data File : VY016936.D
 Acq On : 08 Jan 2024 14:52
 Operator : SY/MD
 Sample : P1015-01RE
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 09 06:36:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

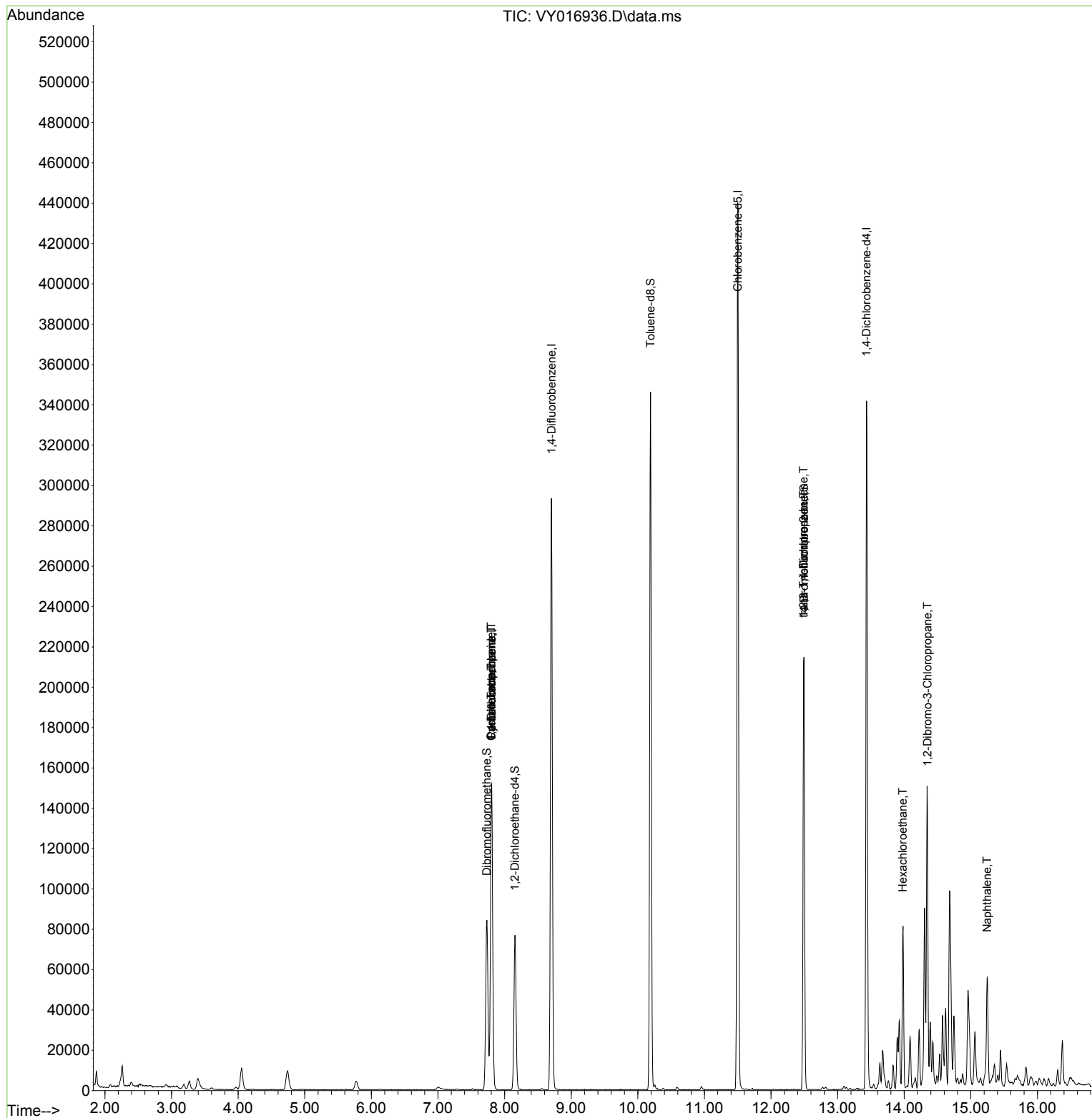
Internal Standards						
1) Pentafluorobenzene	7.807	168	116433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	249109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	236109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	86178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57890	50.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.620%	
35) Dibromofluoromethane	7.734	113	61639	38.830	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 77.660%	
50) Toluene-d8	10.191	98	223627	40.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 81.820%	
62) 4-Bromofluorobenzene	12.495	95	69820	37.858	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.720%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	156	Below Cal	#	75
16) Acetone	3.960	43	2355	Below Cal		94
20) Methylene Chloride	4.741	84	7262	Below Cal		97
25) 2-Butanone	7.002	43	447	Below Cal	#	48
31) Cyclohexane	7.801	56	2583	1.308	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	10093	4.363	ug/l #	50
38) Carbon Tetrachloride	7.801	117	11632	4.949	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	36504	39.034	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	36504	88.636	ug/l #	12
90) Hexachloroethane	13.977	117	4095	3.179	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.349	75	566	3.148	ug/l #	1
95) Naphthalene	15.245	128	44219	20.262	ug/l	99

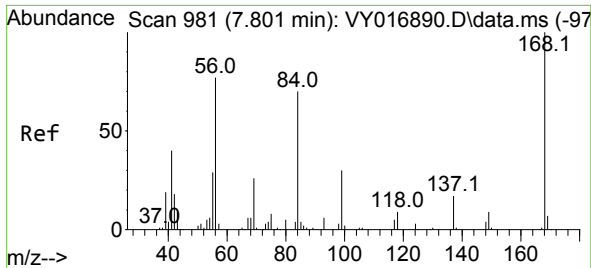
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 09 06:36:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

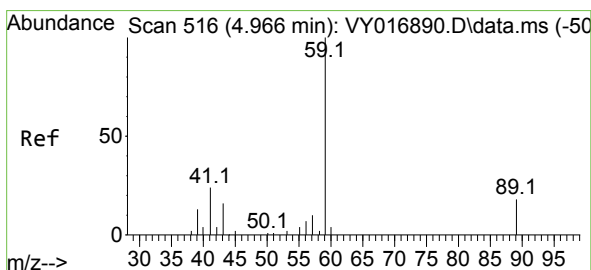
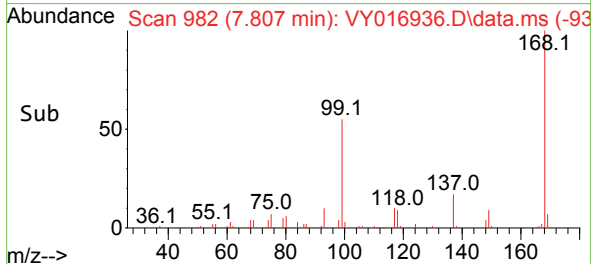
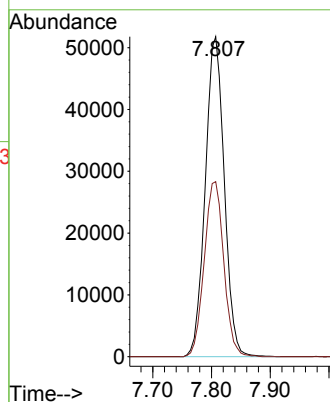
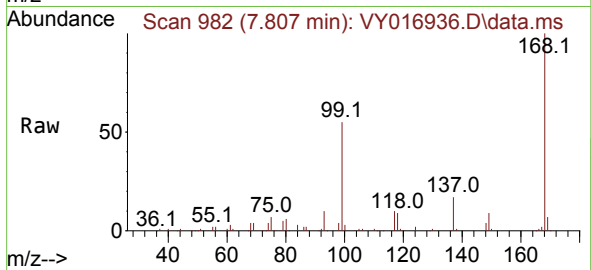




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016936.D
Acq: 08 Jan 2024 14:52

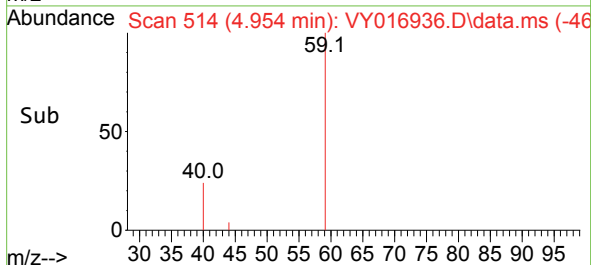
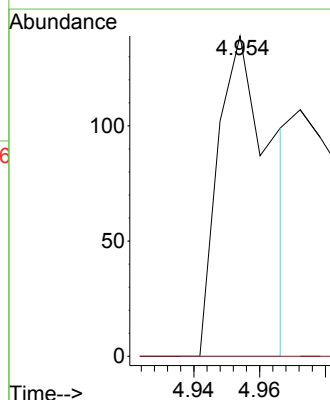
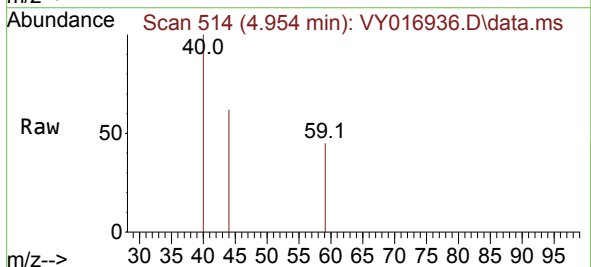
Instrument :
MSVOA_Y
ClientSampleId :

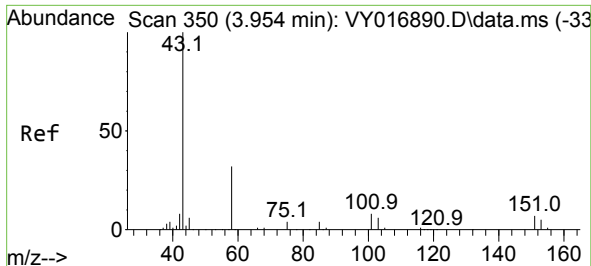
Tgt Ion:168 Resp: 116433
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY016936.D
Acq: 08 Jan 2024 14:52

Tgt Ion: 59 Resp: 156
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

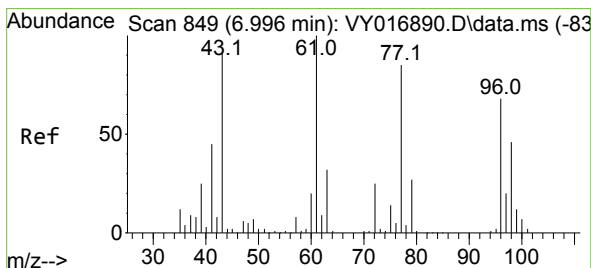
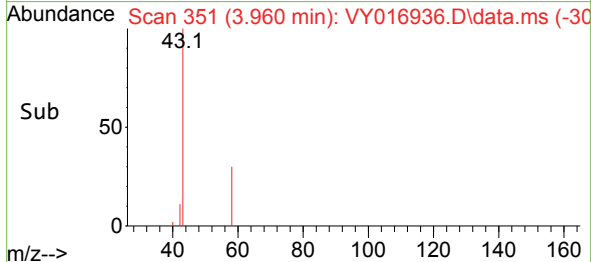
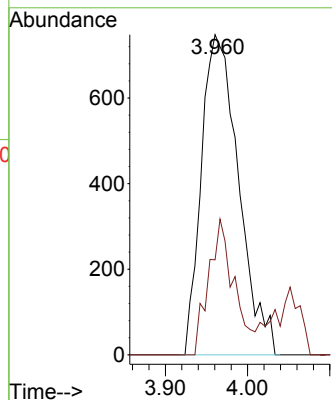
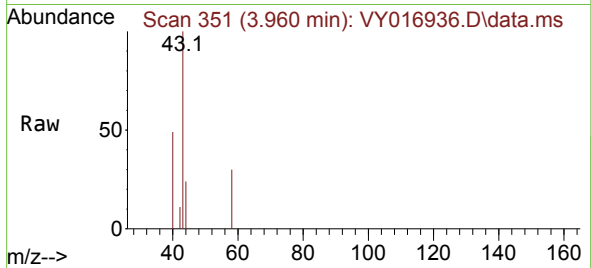




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY016936.D
Acq: 08 Jan 2024 14:52

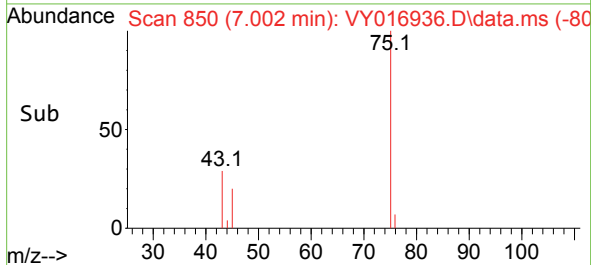
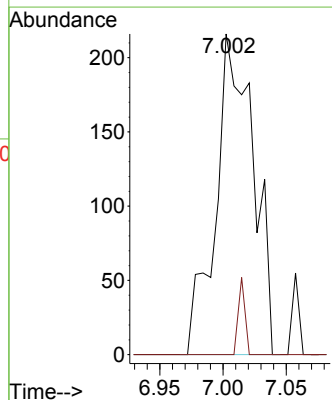
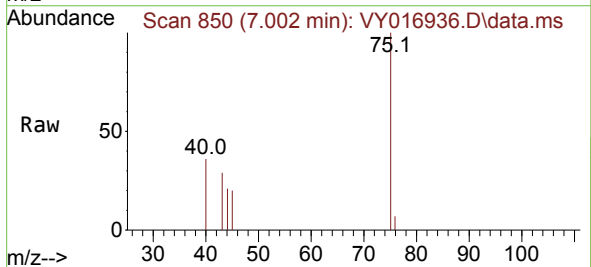
Instrument :
MSVOA_Y
ClientSampleId :

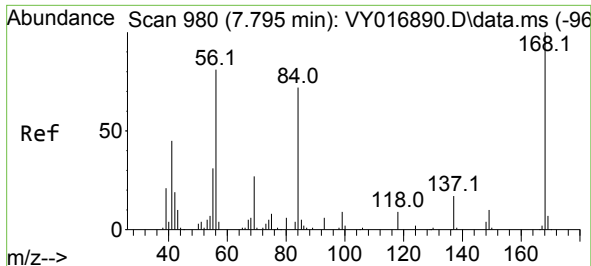
Tgt Ion: 43 Resp: 2355
Ion Ratio Lower Upper
43 100
58 29.7 26.6 39.8



#25
2-Butanone
Concen: Below Cal
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY016936.D
Acq: 08 Jan 2024 14:52

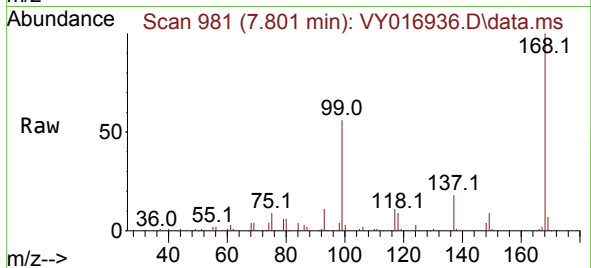
Tgt Ion: 43 Resp: 447
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



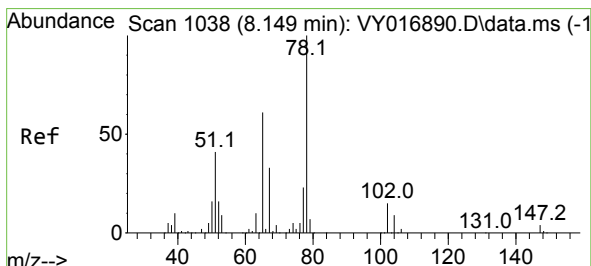
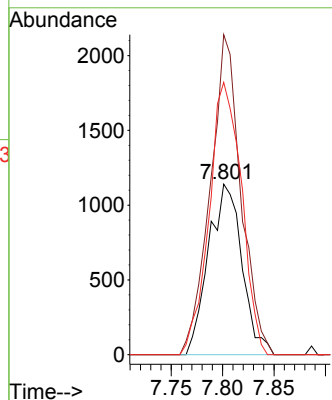
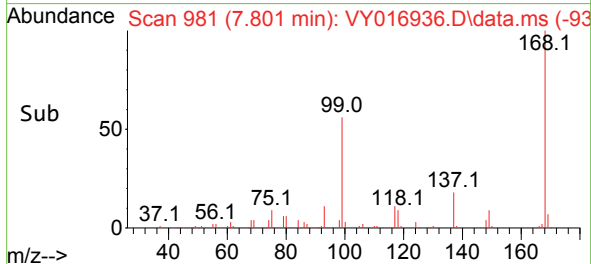


#31
Cyclohexane
Concen: 1.308 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016936.D
Acq: 08 Jan 2024 14:52

Instrument :
MSVOA_Y
ClientSampleId :

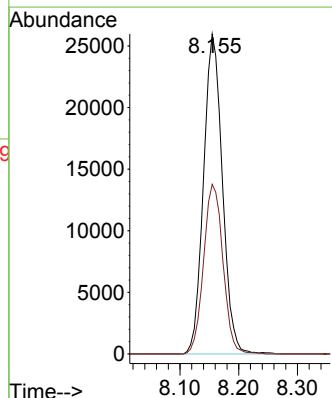
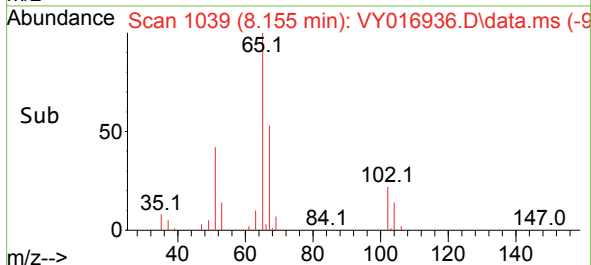
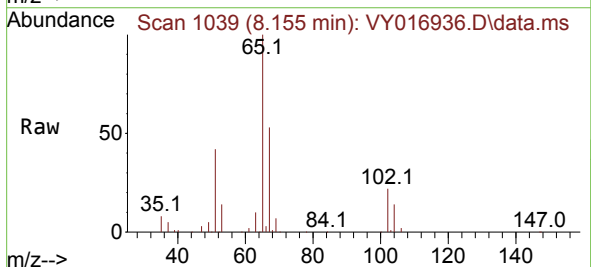


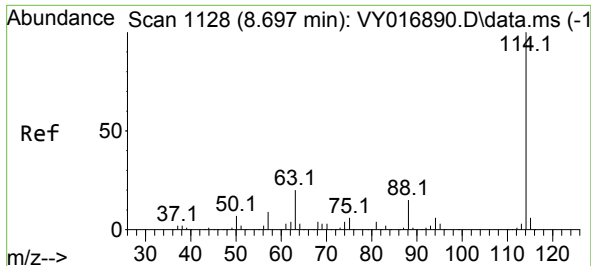
Tgt Ion: 56 Resp: 2583
Ion Ratio Lower Upper
56 100
69 187.6 27.0 40.6#
84 159.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 50.305 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016936.D
Acq: 08 Jan 2024 14:52

Tgt Ion: 65 Resp: 57890
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016936.D

Acq: 08 Jan 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :

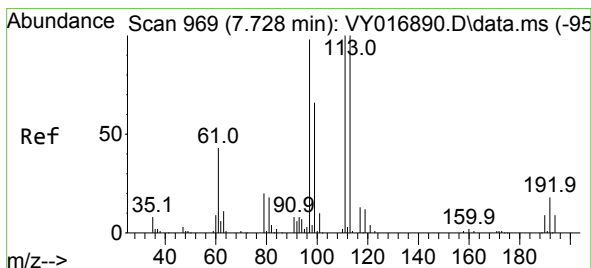
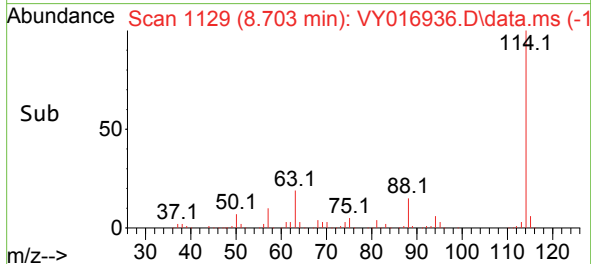
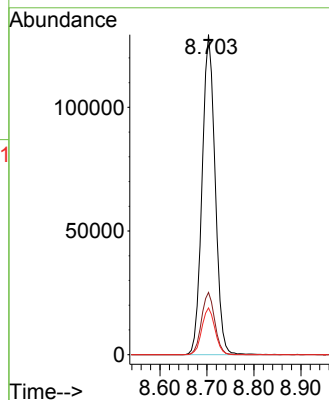
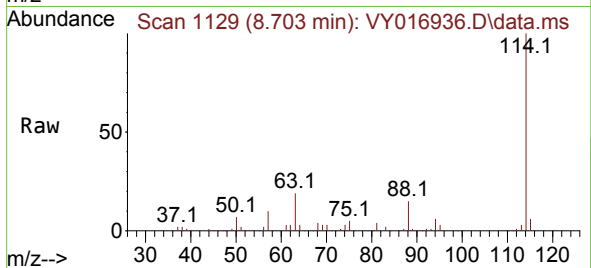
Tgt Ion:114 Resp: 249109

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.830 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016936.D

Acq: 08 Jan 2024 14:52

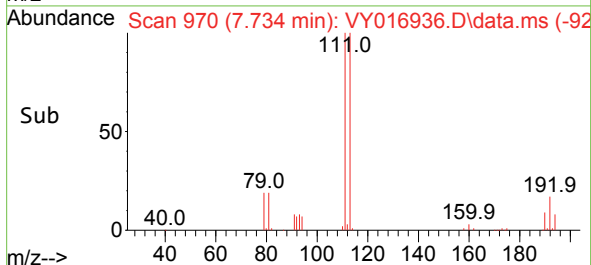
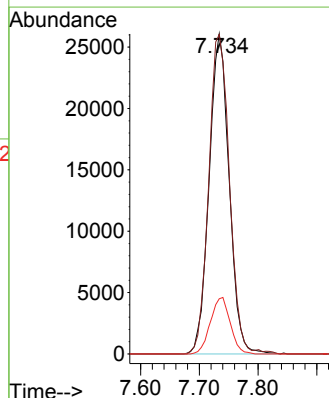
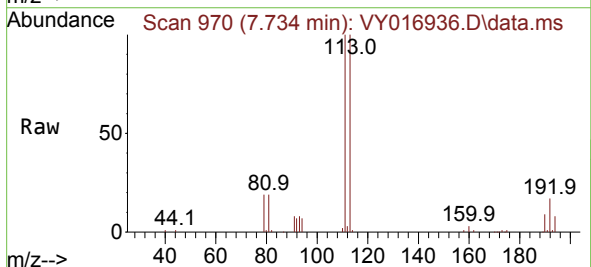
Tgt Ion:113 Resp: 61639

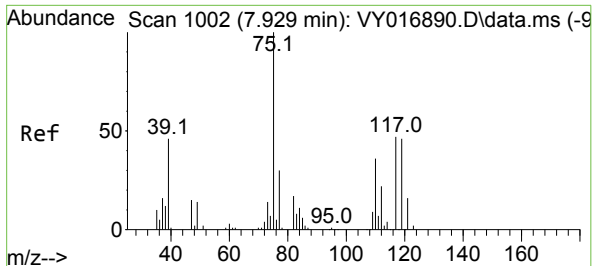
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 17.5 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.363 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

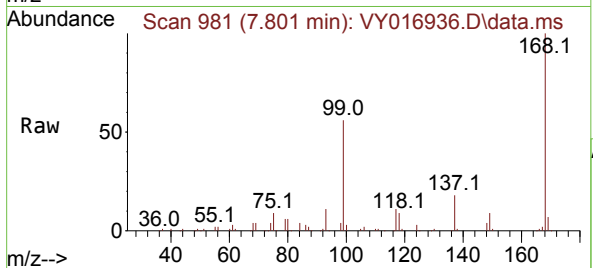
Lab File: VY016936.D

Acq: 08 Jan 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :



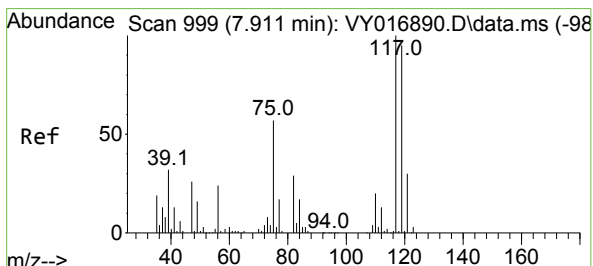
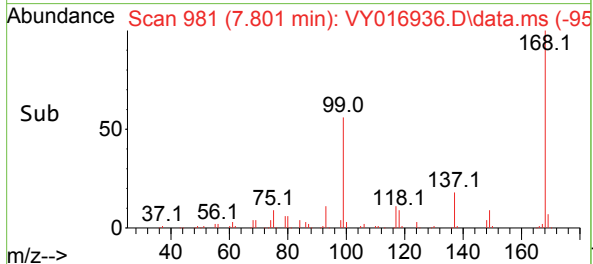
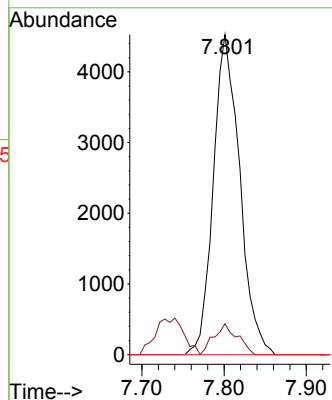
Tgt Ion: 75 Resp: 10093

Ion Ratio Lower Upper

75 100

110 8.6 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.949 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY016936.D

Acq: 08 Jan 2024 14:52

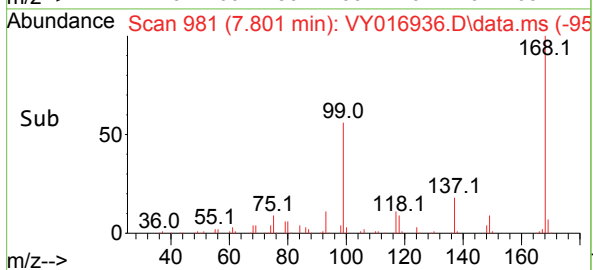
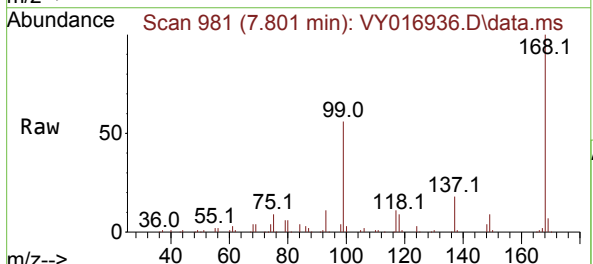
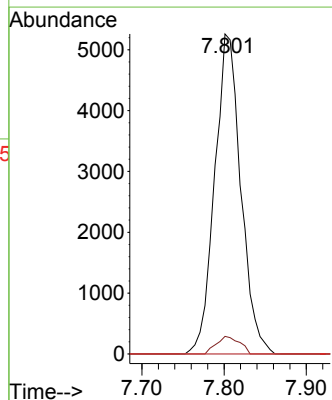
Tgt Ion: 117 Resp: 11632

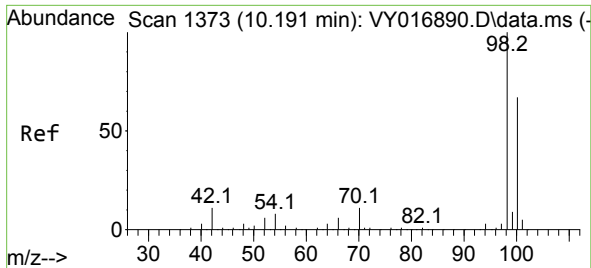
Ion Ratio Lower Upper

117 100

119 5.5 76.0 114.0#

121 0.0 24.2 36.2#

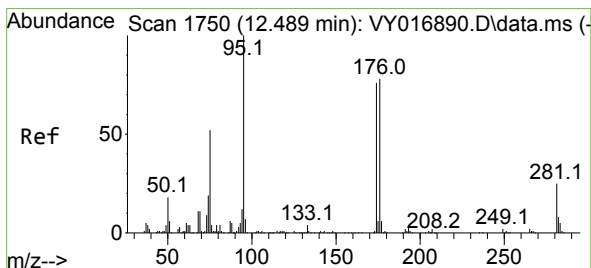
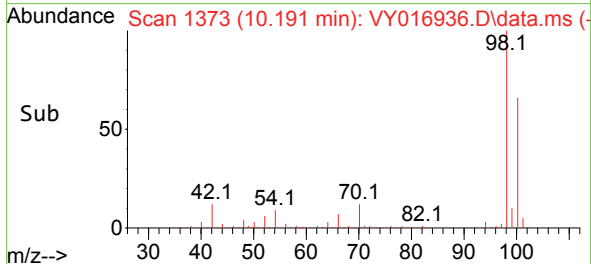
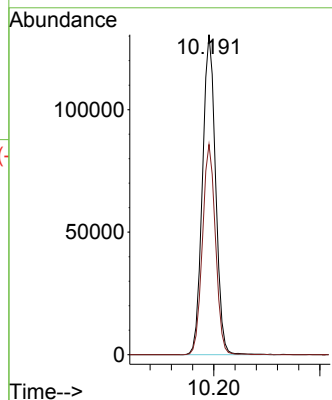
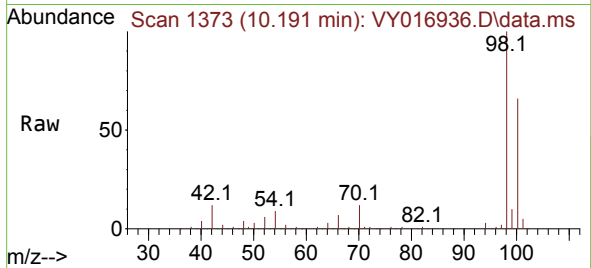




#50
Toluene-d8
Concen: 40.910 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016936.D
Acq: 08 Jan 2024 14:52

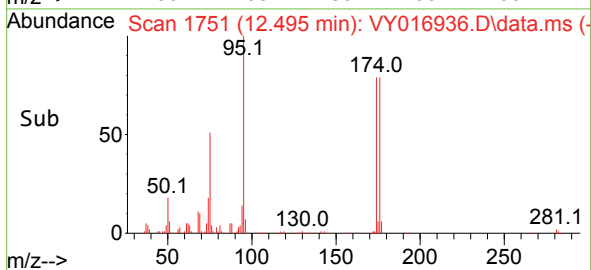
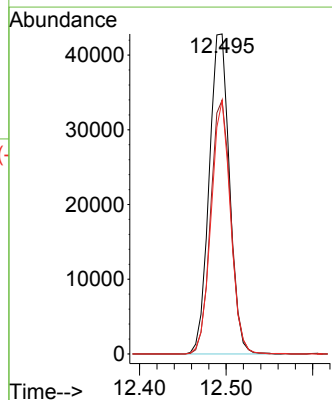
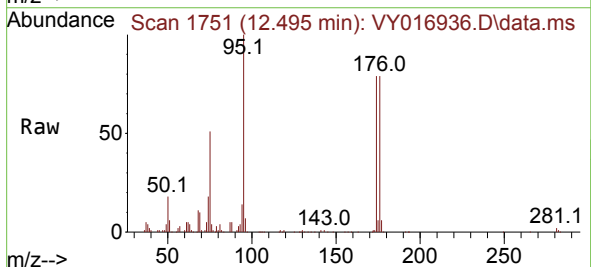
Instrument :
MSVOA_Y
ClientSampleId :

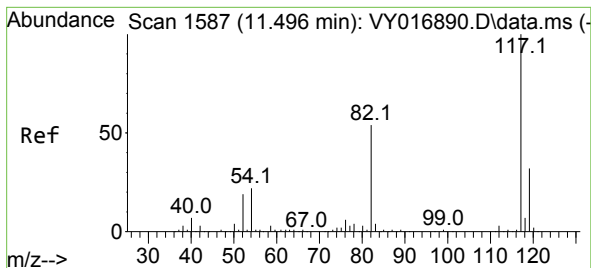
Tgt Ion: 98 Resp: 223627
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.858 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016936.D
Acq: 08 Jan 2024 14:52

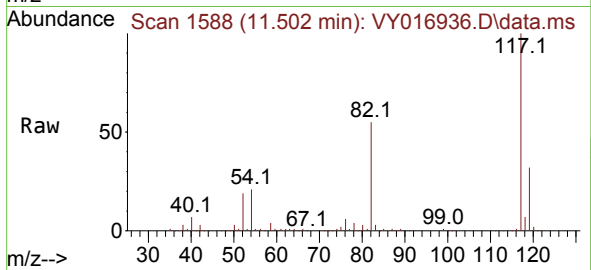
Tgt Ion: 95 Resp: 69820
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.0
176 75.5 0.0 151.8



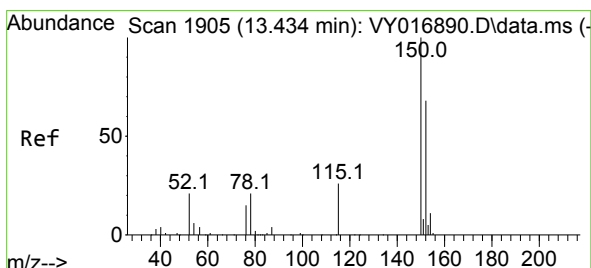
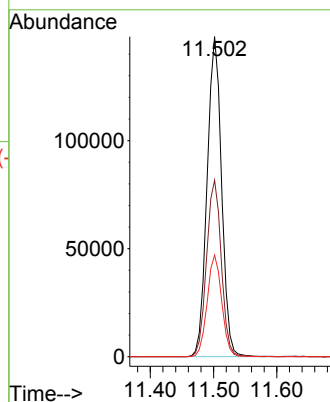
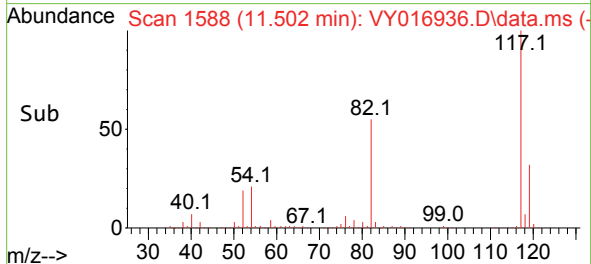


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016936.D
Acq: 08 Jan 2024 14:52

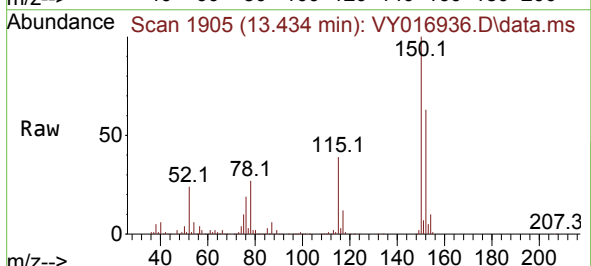
Instrument :
MSVOA_Y
ClientSampleId :



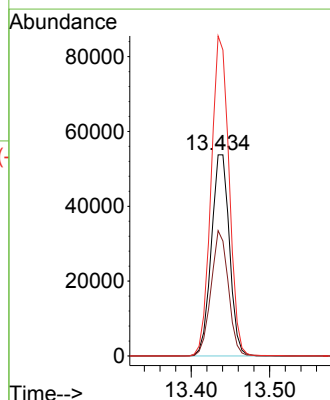
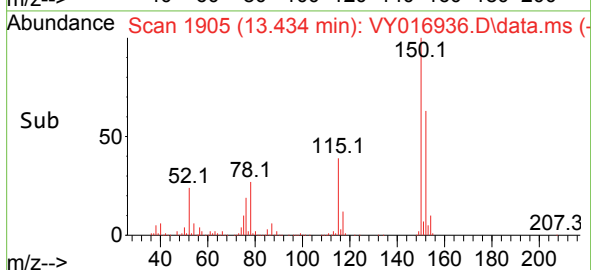
Tgt Ion:117 Resp: 236109
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 31.7 26.5 39.7

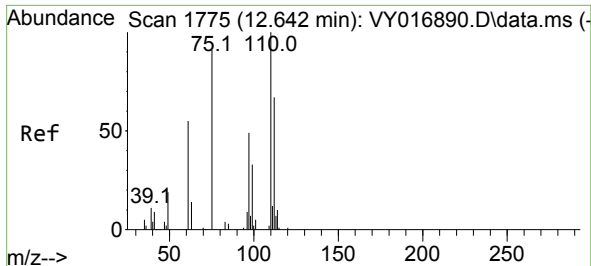


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016936.D
Acq: 08 Jan 2024 14:52



Tgt Ion:152 Resp: 86178
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.0
150 157.7 0.0 344.6

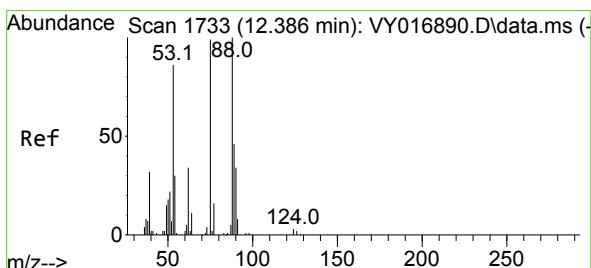
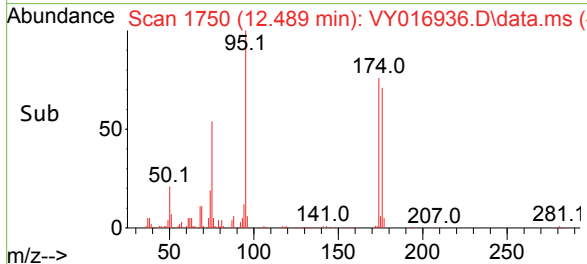
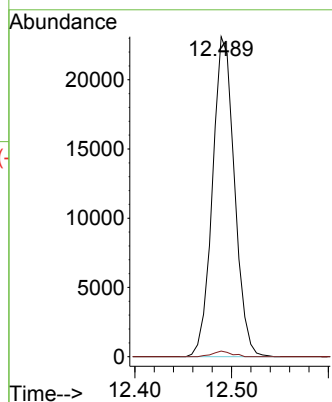
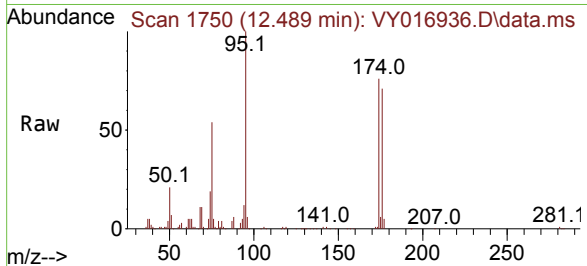




#76
1,2,3-Trichloropropane
Concen: 39.034 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016936.D
Acq: 08 Jan 2024 14:52

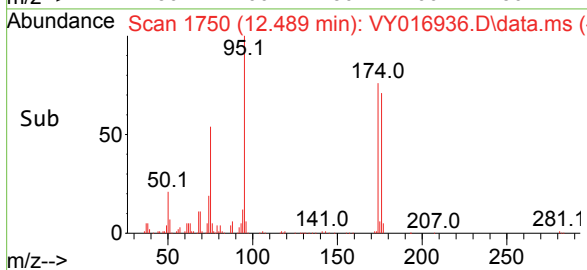
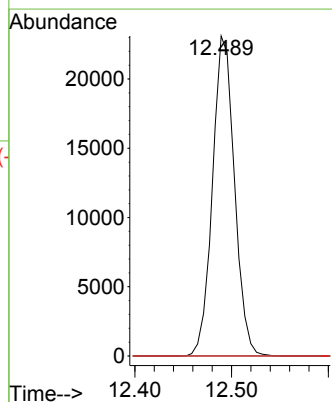
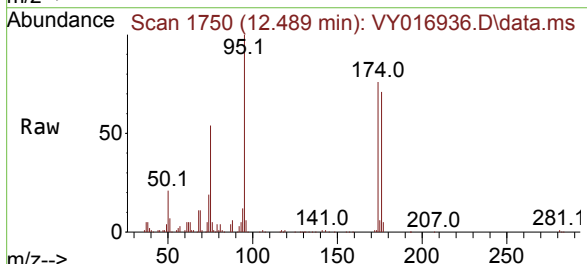
Instrument :
MSVOA_Y
ClientSampleId :

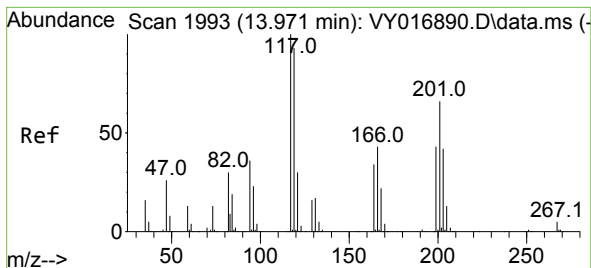
Tgt Ion: 75 Resp: 36504
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.636 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016936.D
Acq: 08 Jan 2024 14:52

Tgt Ion: 75 Resp: 36504
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#90

Hexachloroethane

Concen: 3.179 ug/l

RT: 13.977 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY016936.D

Acq: 08 Jan 2024 14:52

Instrument :

MSVOA_Y

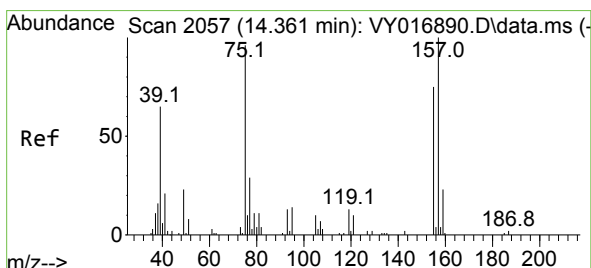
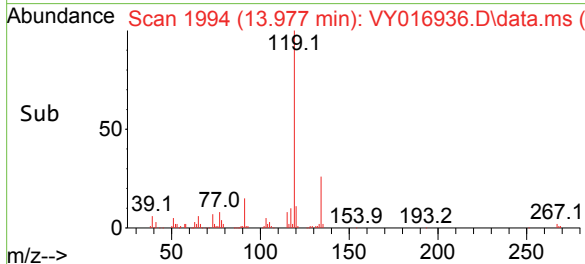
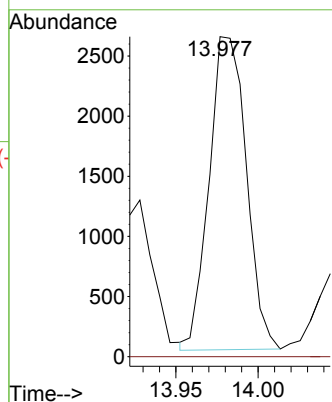
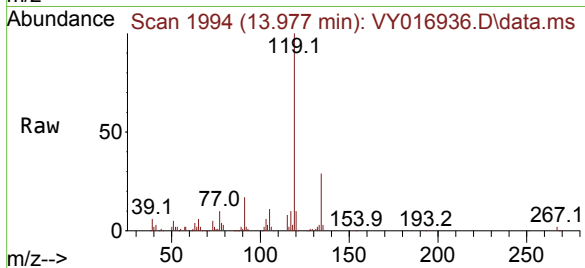
ClientSampleId :

Tgt Ion:117 Resp: 4095

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.148 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.018 min

Lab File: VY016936.D

Acq: 08 Jan 2024 14:52

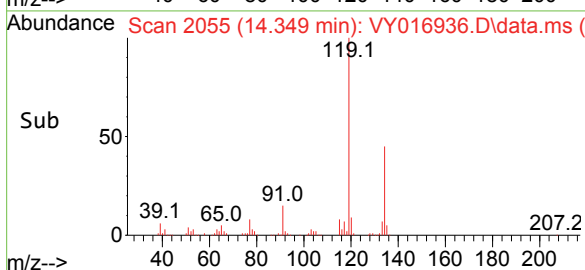
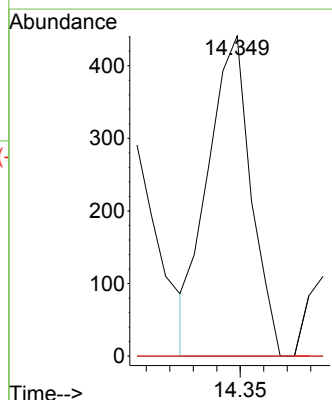
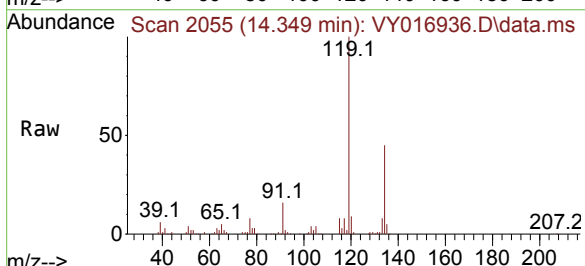
Tgt Ion: 75 Resp: 566

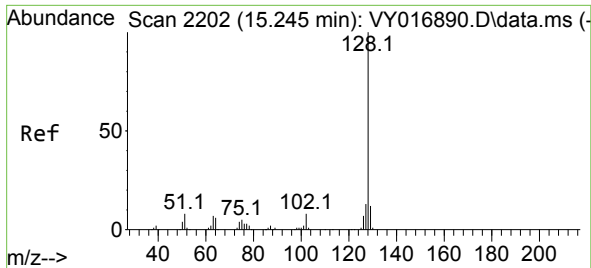
Ion Ratio Lower Upper

75 100

155 0.0 42.1 126.3#

157 0.0 55.8 167.4#





#95

Naphthalene

Concen: 20.262 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

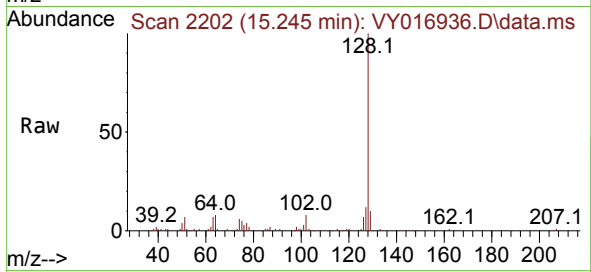
Lab File: VY016936.D

Acq: 08 Jan 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 44219

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.4

129 10.8 8.6 12.8

