

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013915.D
 Acq On : 30 May 2023 13:35
 Operator : KP/MD
 Sample : 02922-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1618RE

Quant Time: May 30 15:37:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

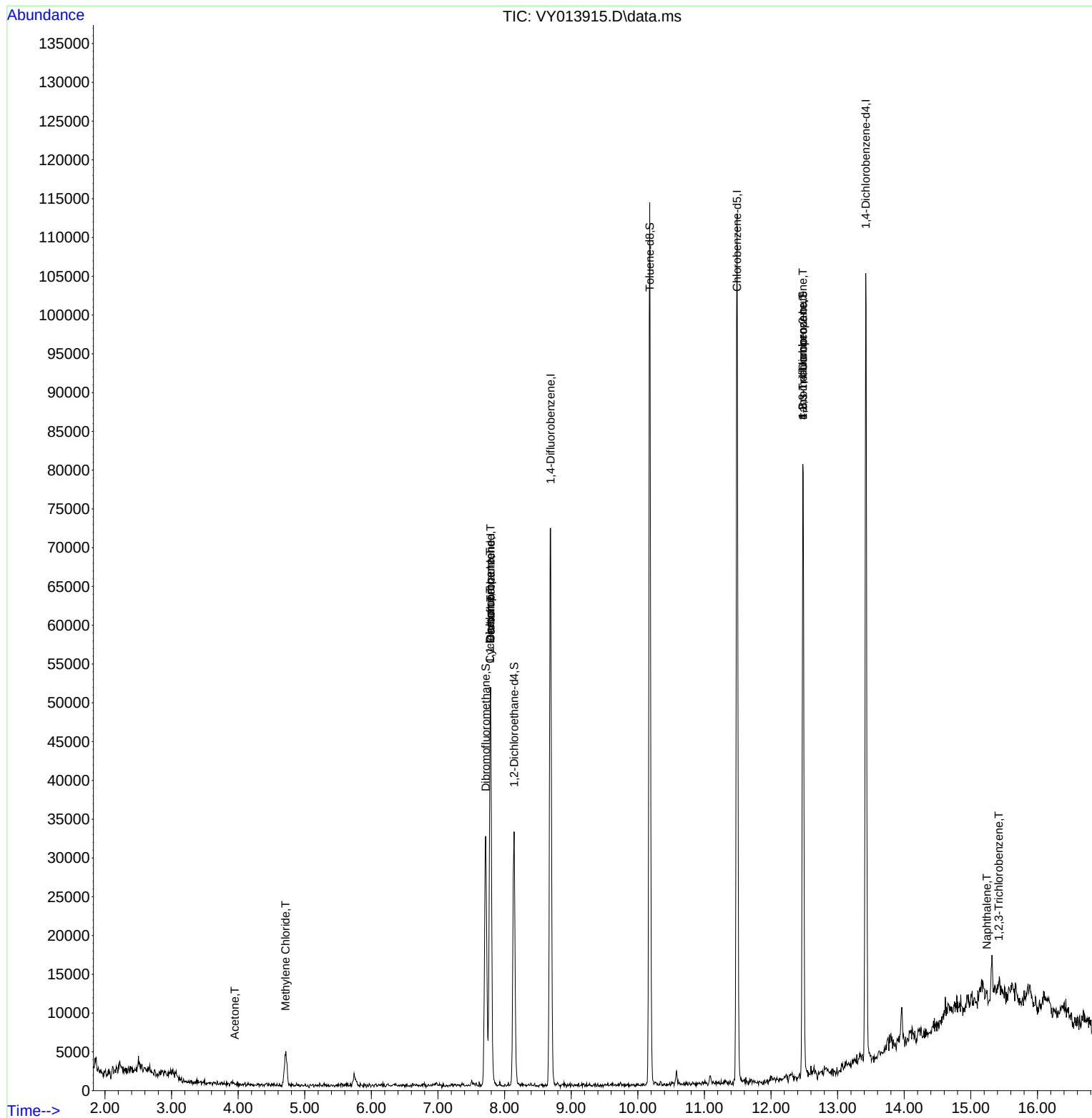
Internal Standards						
1) Pentafluorobenzene	7.789	168	38953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	61715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	60292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	26350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	27392	60.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.560%	
35) Dibromofluoromethane	7.716	113	22017	55.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.480%	
50) Toluene-d8	10.179	98	74536	49.205	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.477	95	23517	46.705	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.420%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	288	2.153	ug/l #	46
20) Methylene Chloride	4.710	84	2614	3.131	ug/l #	88
31) Cyclohexane	7.783	56	949	1.371	ug/l #	53
36) 1,1-Dichloropropene	7.783	75	3166	5.215	ug/l #	50
38) Carbon Tetrachloride	7.789	117	3992	5.782	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	12213	39.308	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	12213	85.325	ug/l #	10
95) Naphthalene	15.239	128	1012	5.367	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.422	180	465	1.021	ug/l	75

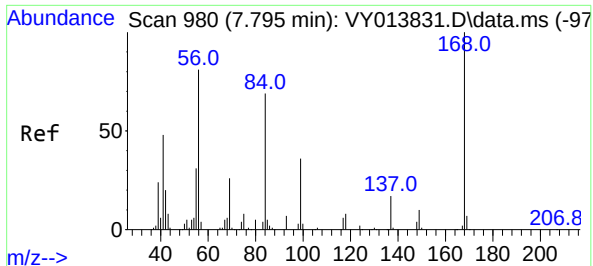
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
Data File : VY013915.D
Acq On : 30 May 2023 13:35
Operator : KP/MD
Sample : 02922-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ORA-1618RE

Quant Time: May 30 15:37:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

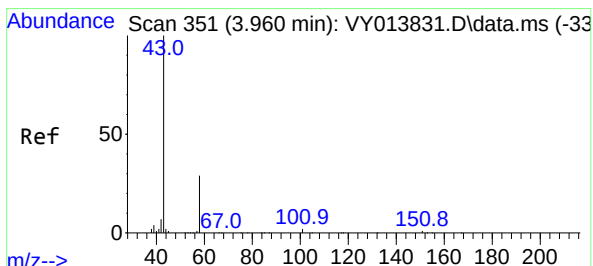
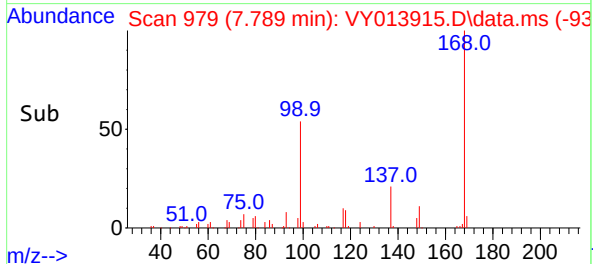
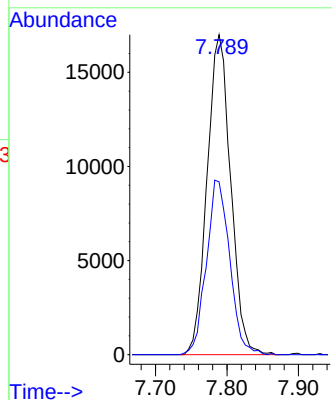
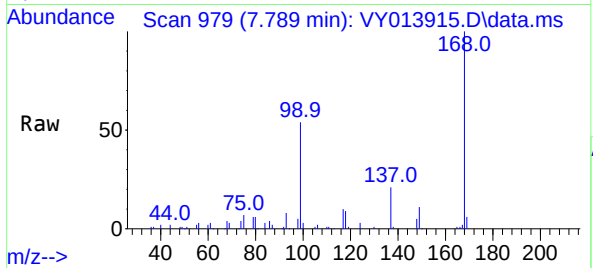




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

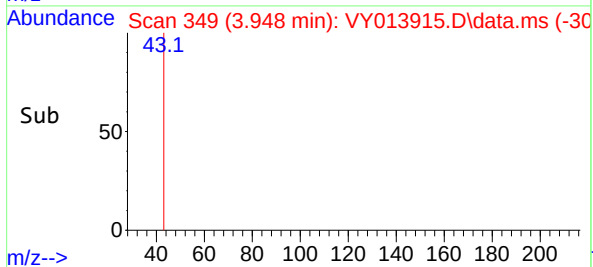
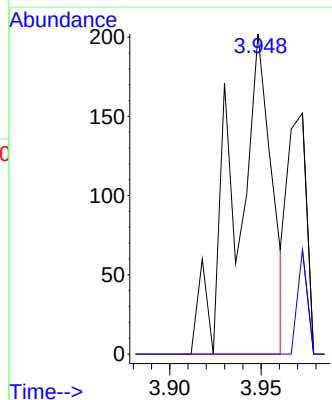
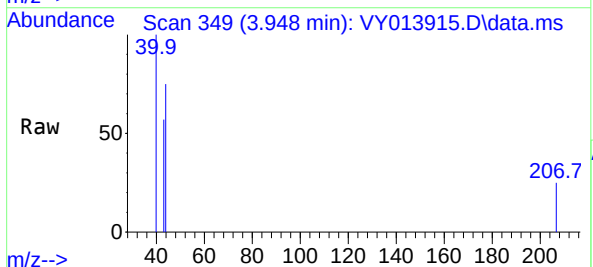
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1618RE

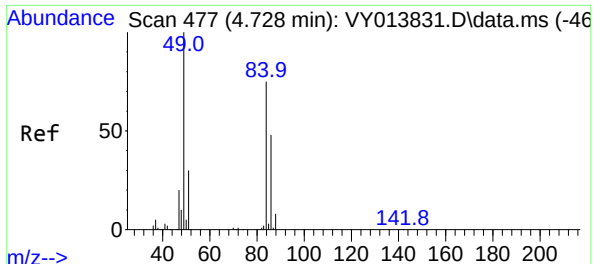
Tgt Ion:168 Resp: 38953
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.2



#16
Acetone
Concen: 2.153 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

Tgt Ion: 43 Resp: 288
Ion Ratio Lower Upper
43 100
58 0.0 23.3 34.9#



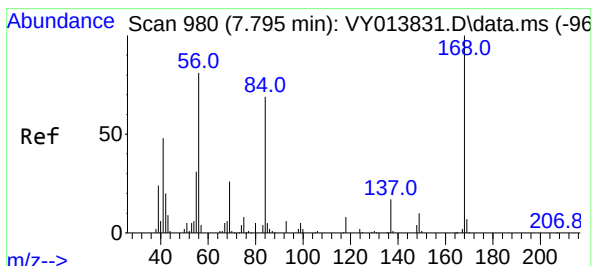
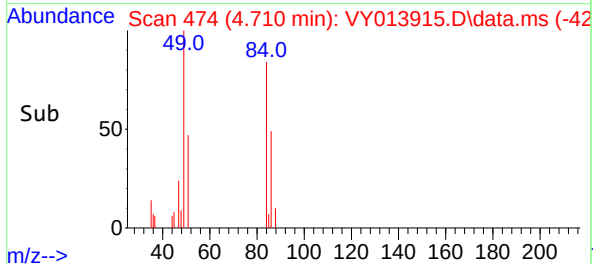
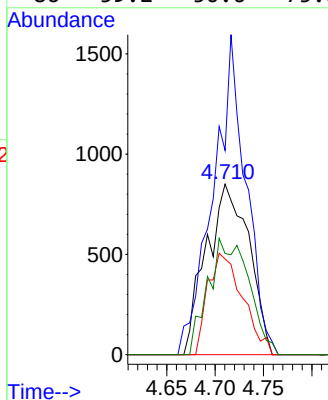
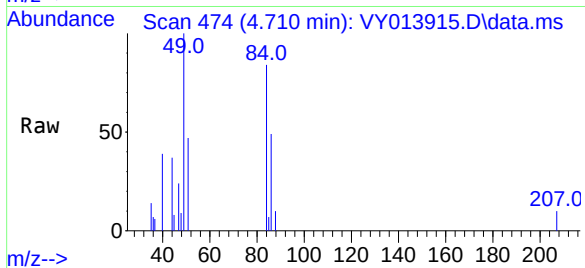


#20
Methylene Chloride
Concen: 3.131 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

Instrument :
MSVOA_Y
ClientSampleId :
ORA-1618RE

Tgt Ion: 84 Resp: 2614

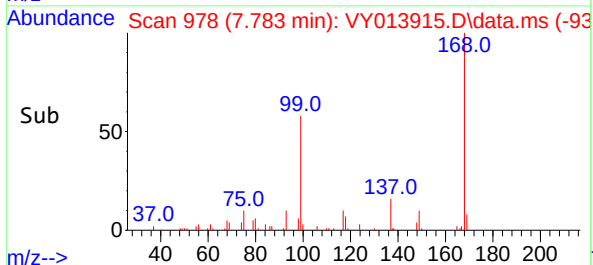
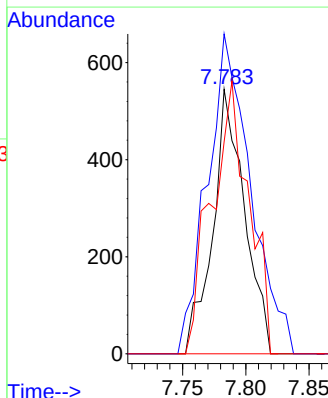
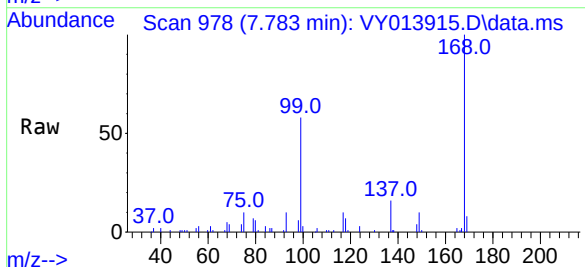
Ion	Ratio	Lower	Upper
84	100		
49	119.7	106.2	159.2
51	56.2	31.4	47.0#
86	59.2	50.6	75.8

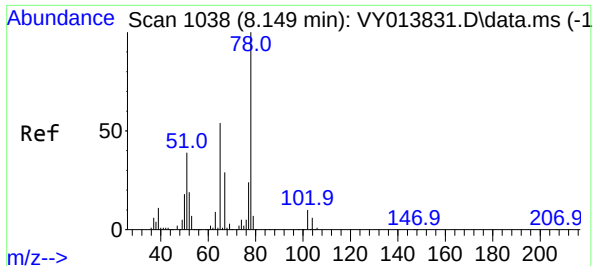


#31
Cyclohexane
Concen: 1.371 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.012 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

Tgt Ion: 56 Resp: 949

Ion	Ratio	Lower	Upper
56	100		
69	120.9	25.8	38.8#
84	80.2	68.2	102.2





#33

1,2-Dichloroethane-d4

Concen: 60.784 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013915.D

Acq: 30 May 2023 13:35

Instrument :

MSVOA_Y

ClientSampleId :

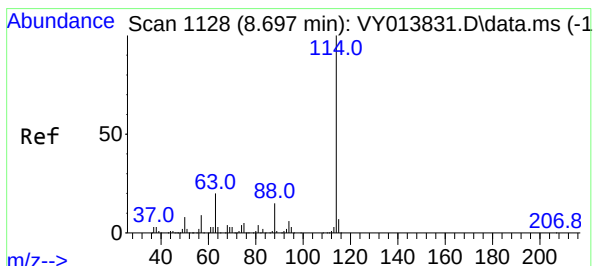
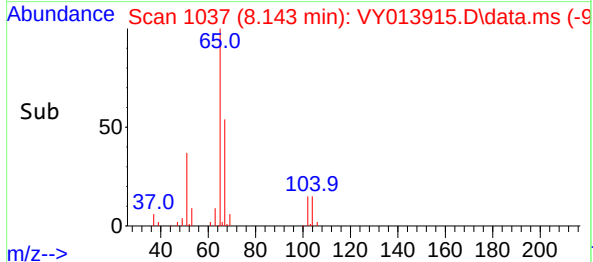
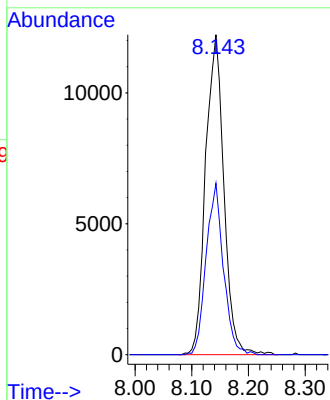
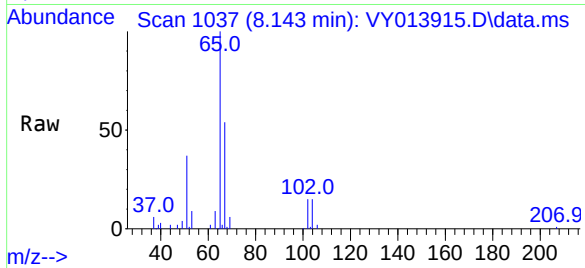
ORA-1618RE

Tgt Ion: 65 Resp: 27392

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013915.D

Acq: 30 May 2023 13:35

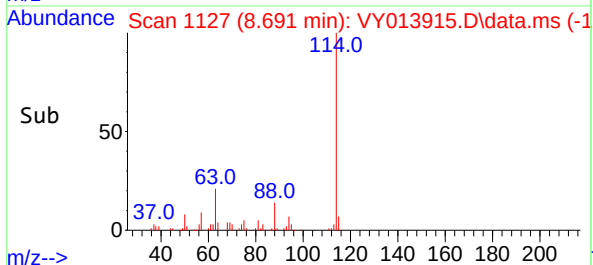
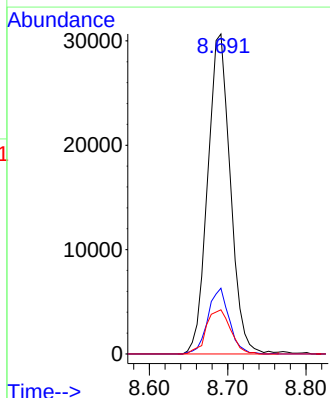
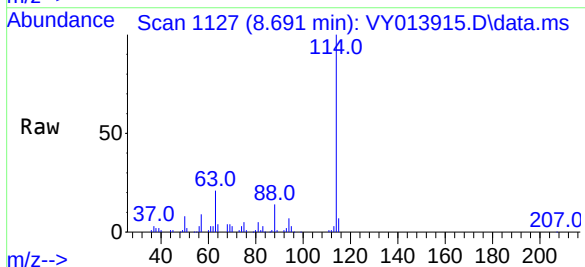
Tgt Ion: 114 Resp: 61715

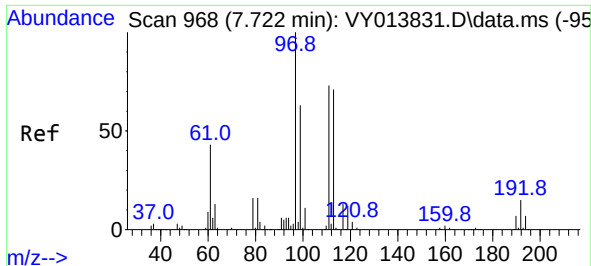
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 13.8 0.0 30.0

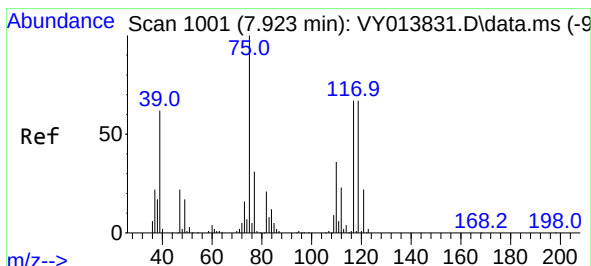
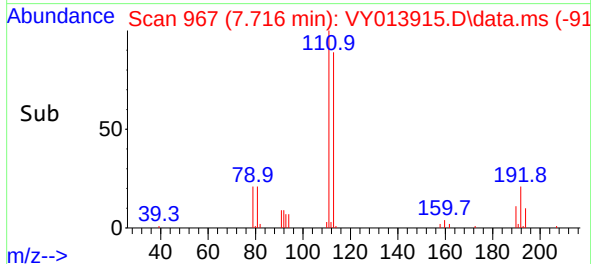
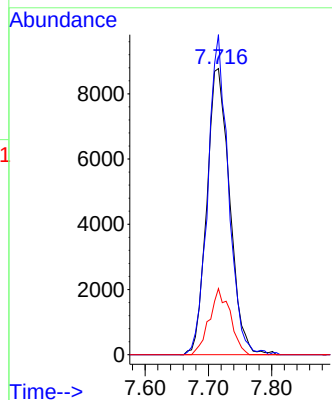
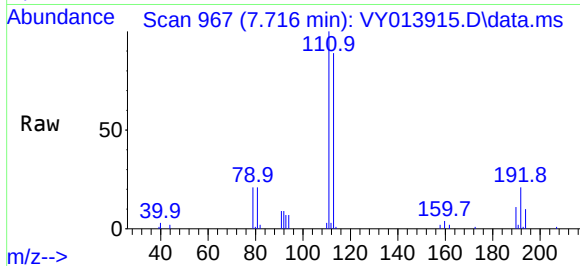




#35
Dibromofluoromethane
Concen: 55.242 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

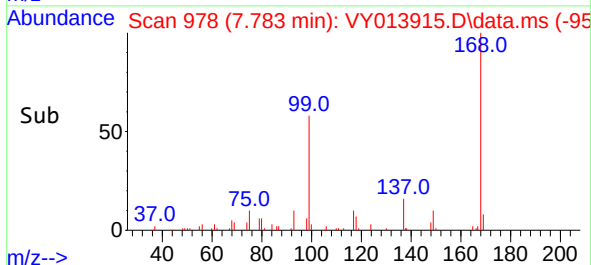
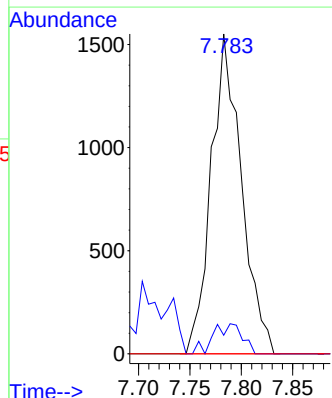
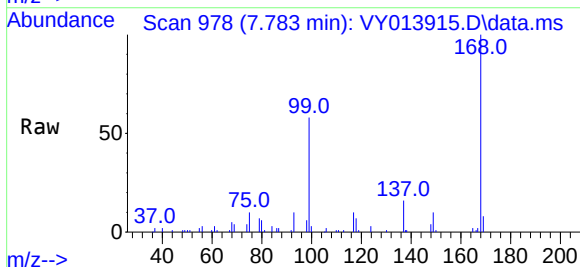
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1618RE

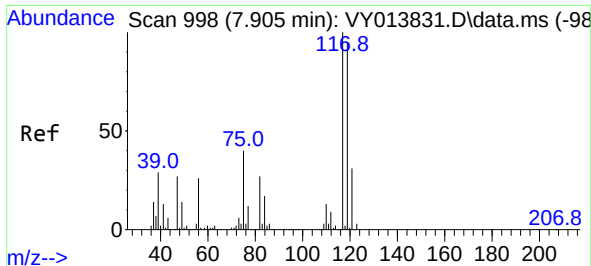
Tgt Ion:113 Resp: 22017
Ion Ratio Lower Upper
113 100
111 101.2 80.4 120.6
192 21.1 16.6 25.0



#36
1,1-Dichloropropene
Concen: 5.215 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

Tgt Ion: 75 Resp: 3166
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.6#
77 0.0 24.4 36.6#

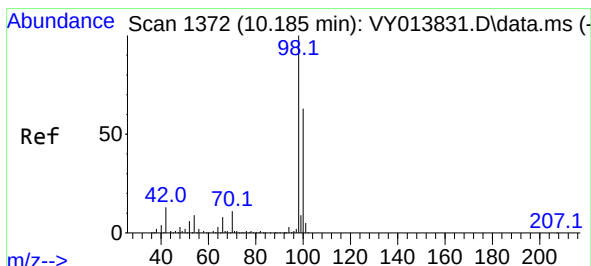
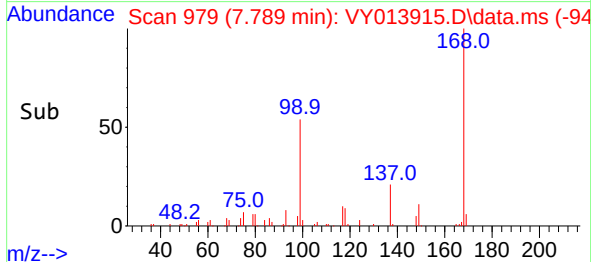
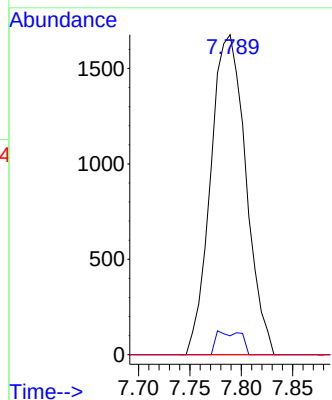
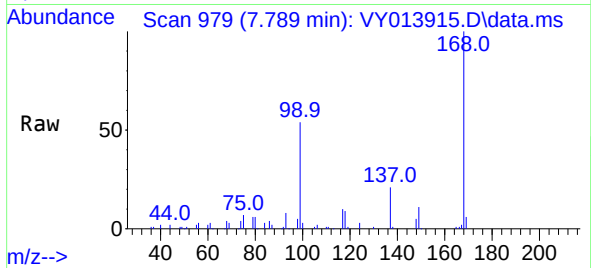




#38
Carbon Tetrachloride
Concen: 5.782 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

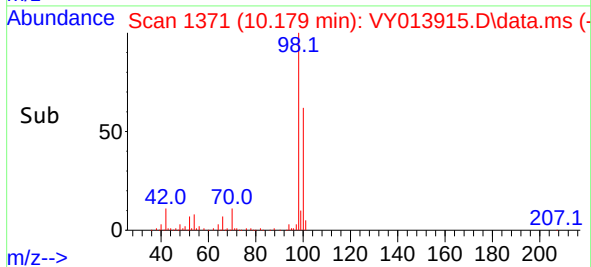
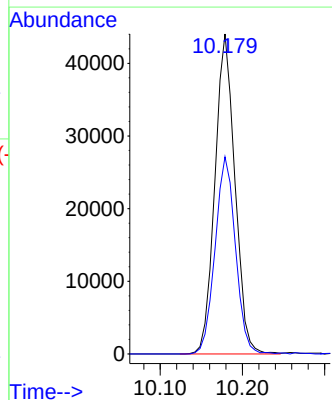
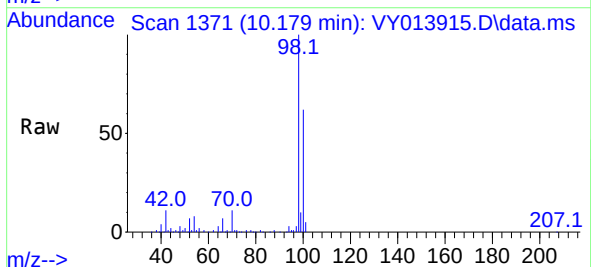
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1618RE

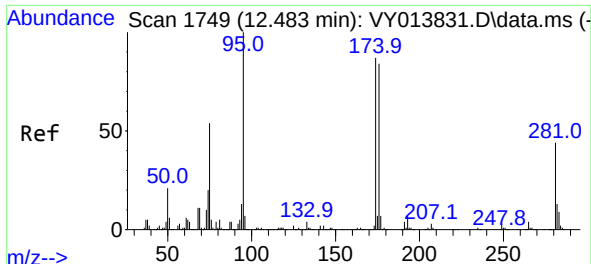
Tgt Ion:117 Resp: 3992
Ion Ratio Lower Upper
117 100
119 5.9 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.205 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

Tgt Ion: 98 Resp: 74536
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2

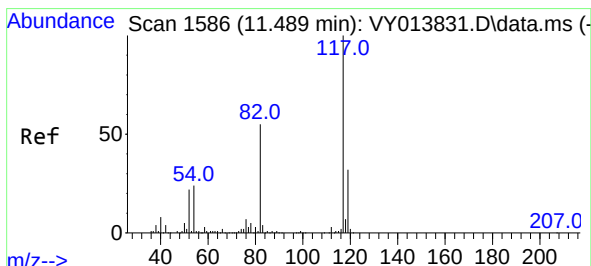
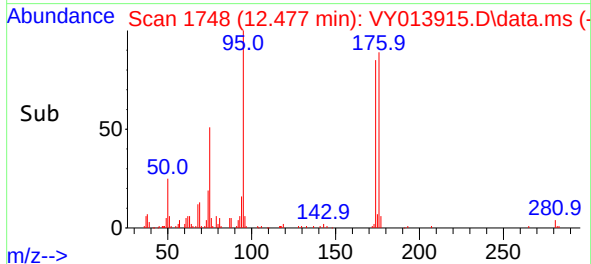
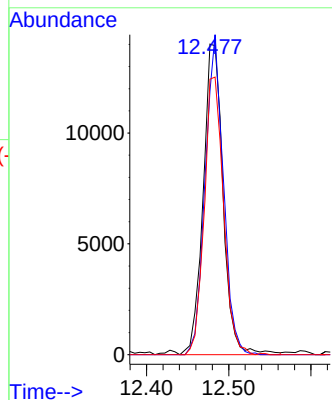
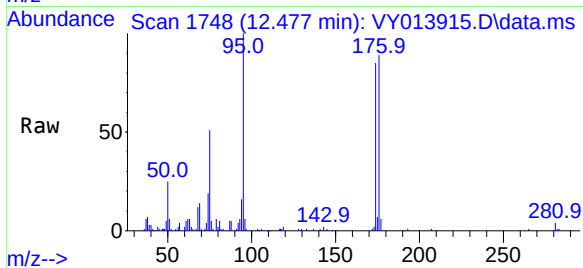




#62
4-Bromofluorobenzene
Concen: 46.705 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

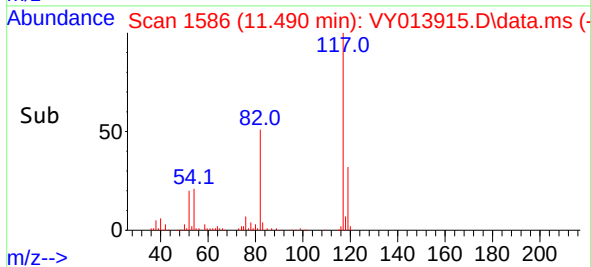
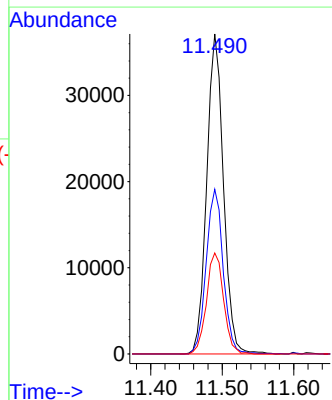
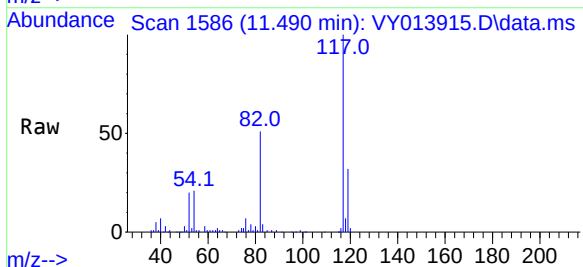
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1618RE

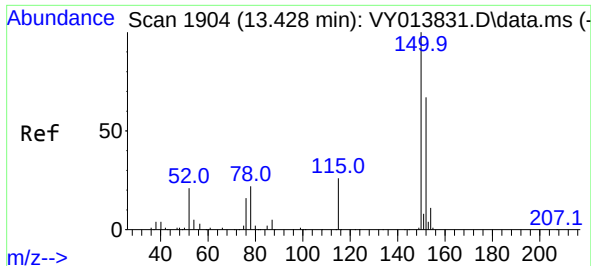
Tgt Ion: 95 Resp: 23517
Ion Ratio Lower Upper
95 100
174 94.4 0.0 176.0
176 86.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

Tgt Ion: 117 Resp: 60292
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.4
119 31.5 25.7 38.5

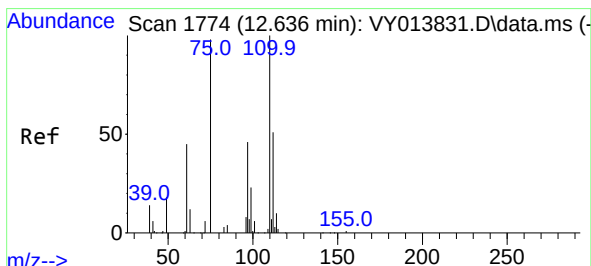
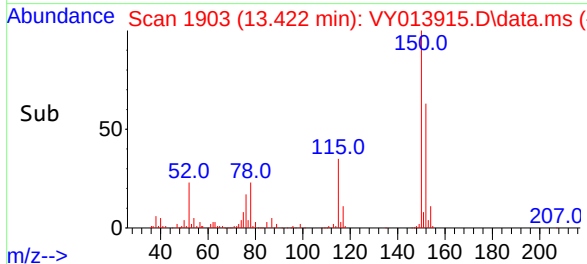
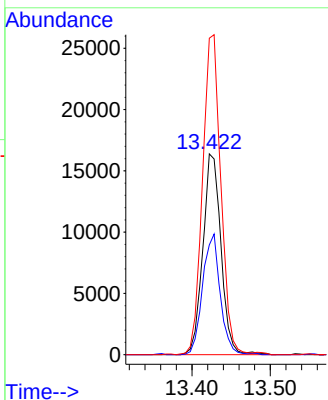
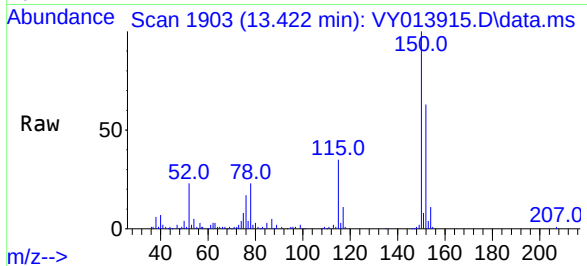




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY013915.D
 Acq: 30 May 2023 13:35

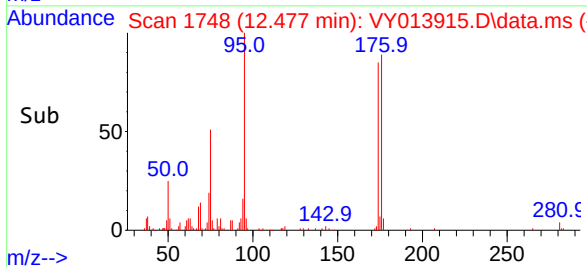
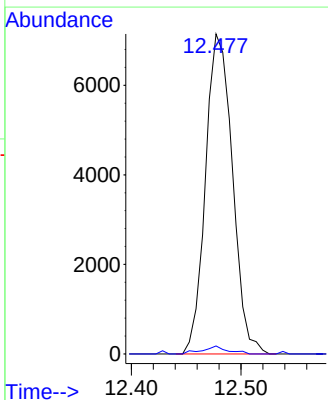
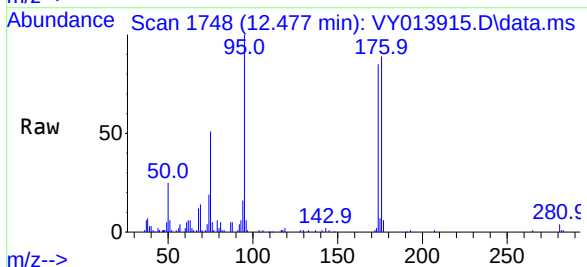
Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1618RE

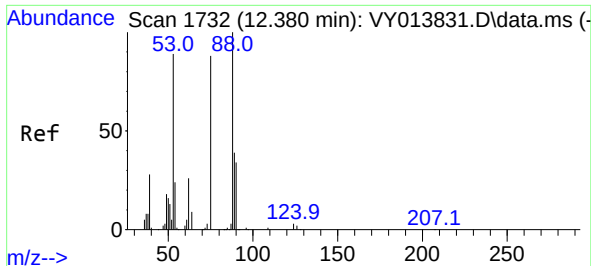
Tgt Ion:152 Resp: 26350
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.8 86.5
 150 160.6 0.0 353.4



#76
 1,2,3-Trichloropropane
 Concen: 39.308 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY013915.D
 Acq: 30 May 2023 13:35

Tgt Ion: 75 Resp: 12213
 Ion Ratio Lower Upper
 75 100
 77 2.3 0.0 0.0#

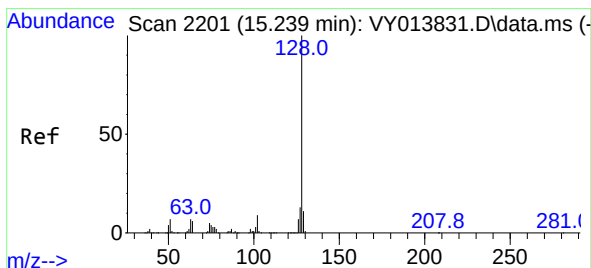
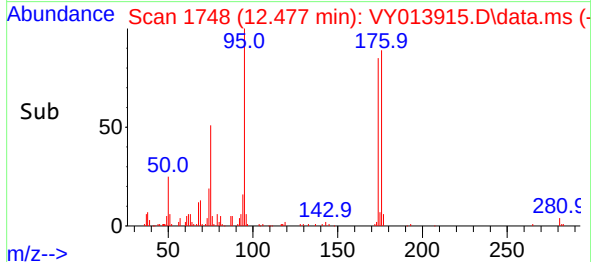
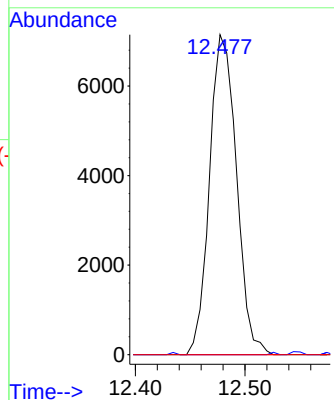
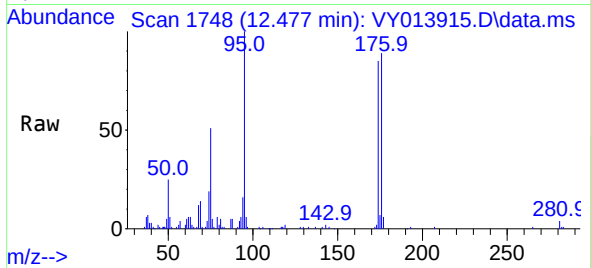




#81
trans-1,4-Dichloro-2-butene
Concen: 85.325 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

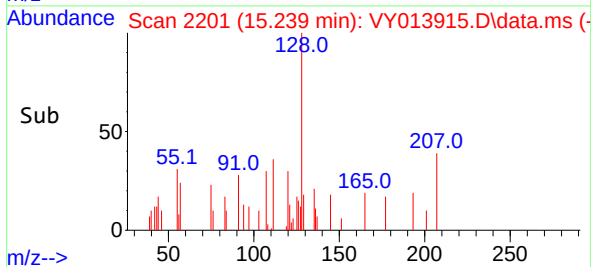
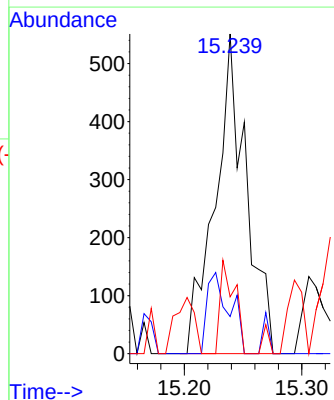
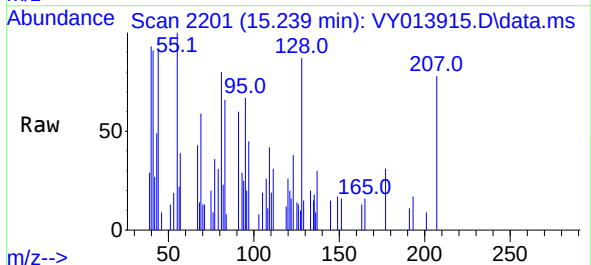
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1618RE

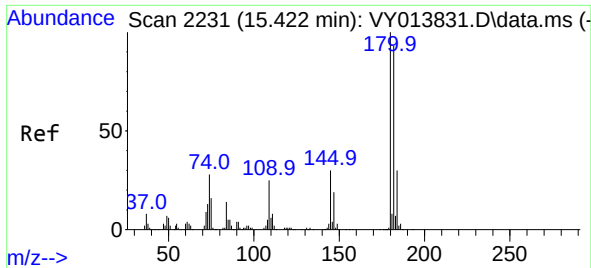
Tgt Ion: 75 Resp: 12213
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 5.367 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

Tgt Ion: 128 Resp: 1012
Ion Ratio Lower Upper
128 100
127 18.3 10.7 16.1#
129 13.6 9.0 13.4#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.021 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY013915.D
 Acq: 30 May 2023 13:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1618RE

Tgt Ion:	180	Resp:	465
Ion	Ratio	Lower	Upper
180	100		
182	69.7	47.4	142.2
145	42.4	15.5	46.5

