

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008234.D
 Acq On : 06 Apr 2022 14:57
 Operator : SY/MD
 Sample : N2275-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-040522

Quant Time: Apr 07 02:12:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

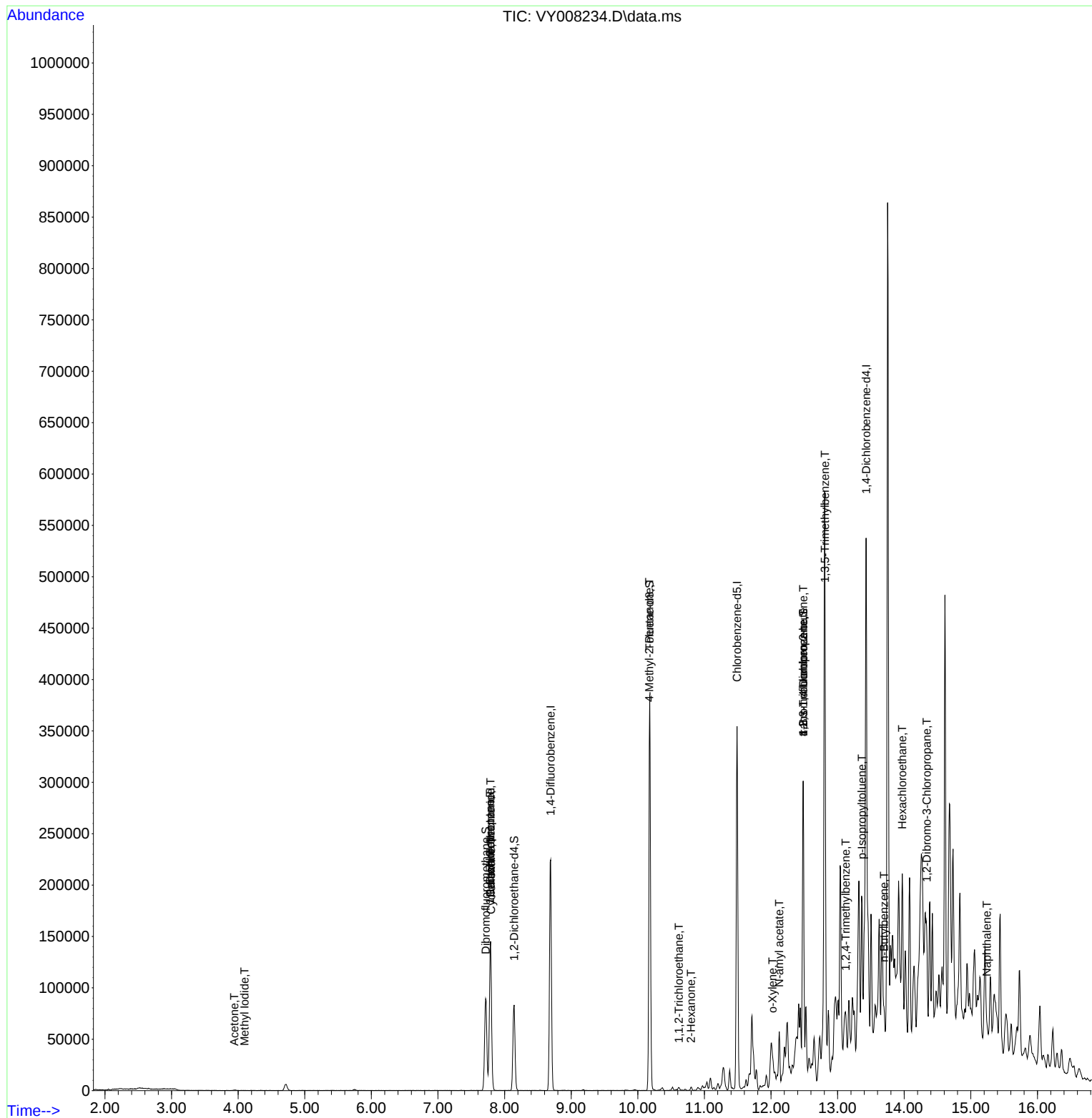
Internal Standards						
1) Pentafluorobenzene	7.789	168	111714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64267	57.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.680%	
35) Dibromofluoromethane	7.715	113	65099	50.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.780%	
50) Toluene-d8	10.178	98	251877	51.747	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.500%	
62) 4-Bromofluorobenzene	12.483	95	88008	51.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.500%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	42	1.725	ug/l #	35
16) Acetone	3.942	43	664	2.592	ug/l #	82
18) Methyl Acetate	4.484	43	161	Below Cal	#	56
20) Methylene Chloride	4.722	84	4692	Below Cal	#	81
31) Cyclohexane	7.795	56	2249	1.073	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8842	4.357	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11099	5.019	ug/l #	16
51) 4-Methyl-2-Pentanone	10.172	43	971	1.034	ug/l #	1
55) 1,1,2-Trichloroethane	10.617	97	1379	1.110	ug/l #	15
59) 2-Hexanone	10.800	43	1164	1.772	ug/l #	28
69) o-Xylene	12.026	106	3153	1.048	ug/l	91
74) N-amyl acetate	12.123	43	10224	5.766	ug/l #	72
76) 1,2,3-Trichloropropane	12.483	75	45679	38.343	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.812	105	39515	5.979	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.483	75	45679	85.550	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.123	105	16806	2.611	ug/l	97
86) p-Isopropyltoluene	13.367	119	10930	1.511	ug/l	96
89) n-Butylbenzene	13.696	91	11721	1.761	ug/l #	73
90) Hexachloroethane	13.970	117	4746	3.387	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.336	75	422	1.686	ug/l #	1
95) Naphthalene	15.239	128	4497	1.052	ug/l #	69

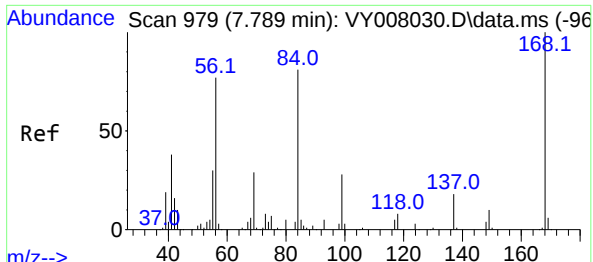
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
Data File : VY008234.D
Acq On : 06 Apr 2022 14:57
Operator : SY/MD
Sample : N2275-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

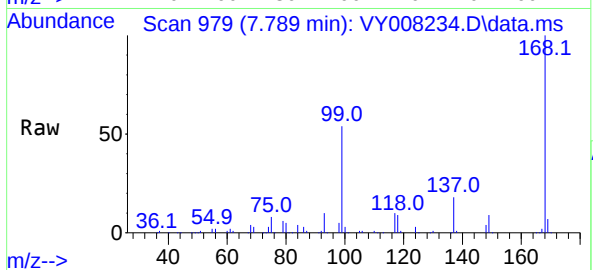
Quant Time: Apr 07 02:12:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration



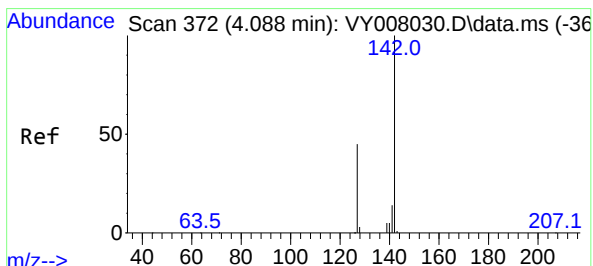
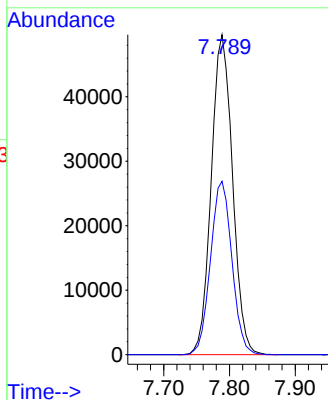
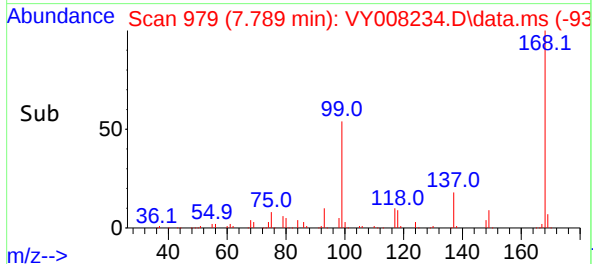


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

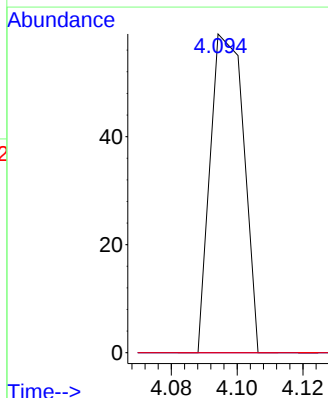
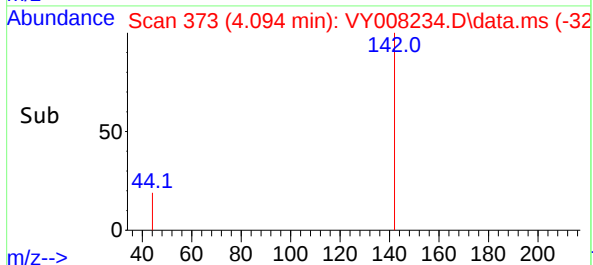
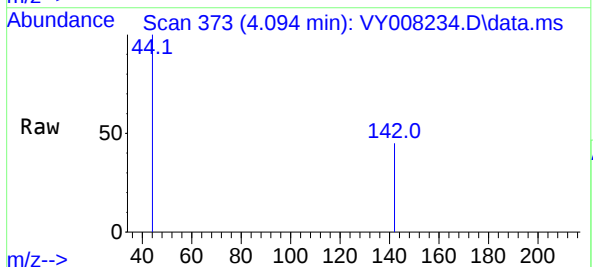


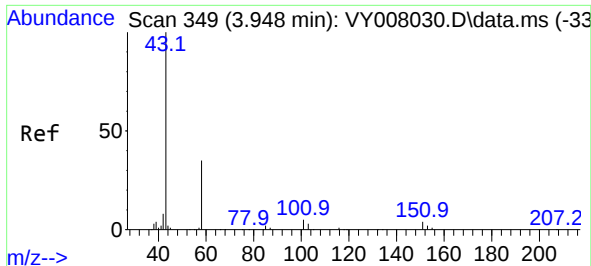
Tgt Ion:168 Resp: 111714
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#10
Methyl Iodide
Concen: 1.725 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion:142 Resp: 42
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

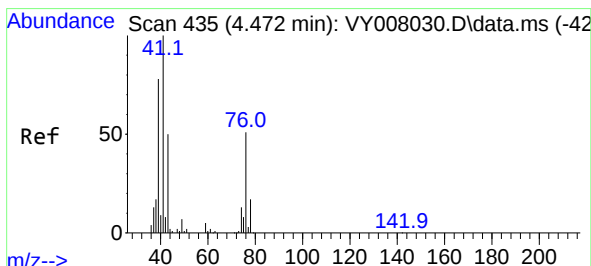
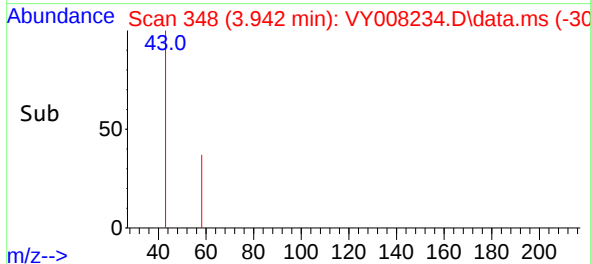
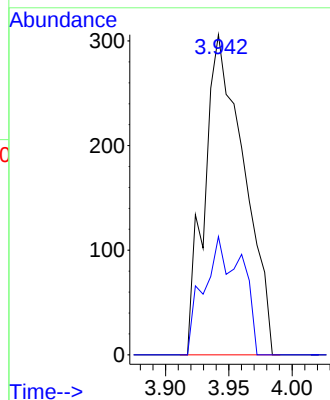
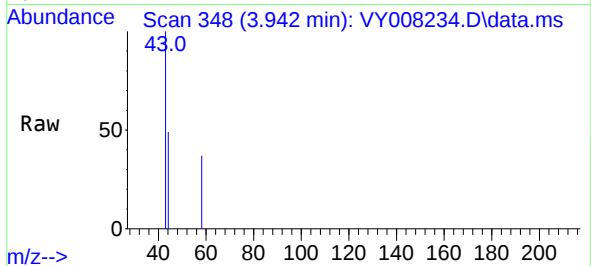




#16
Acetone
Concen: 2.592 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

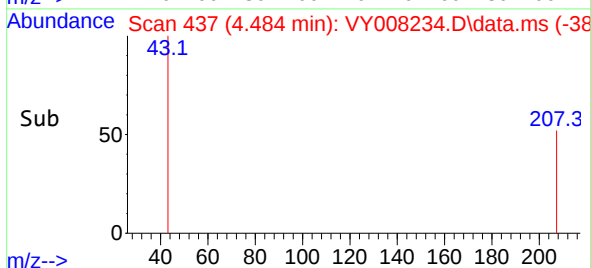
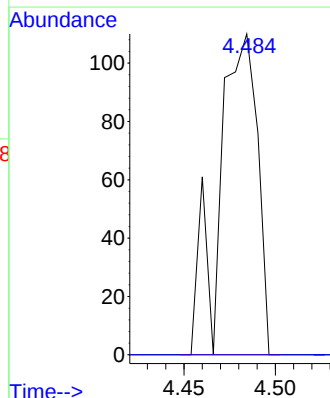
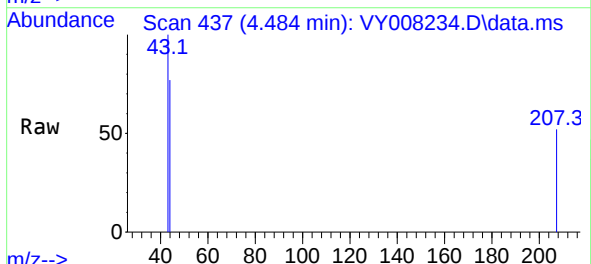
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

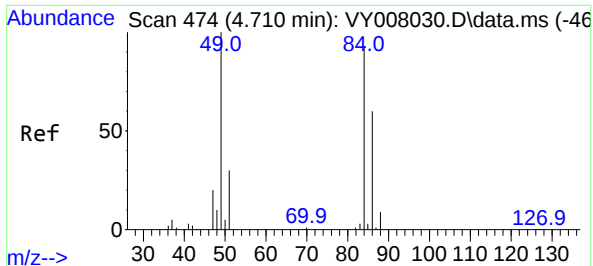
Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
58 36.9 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.484 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

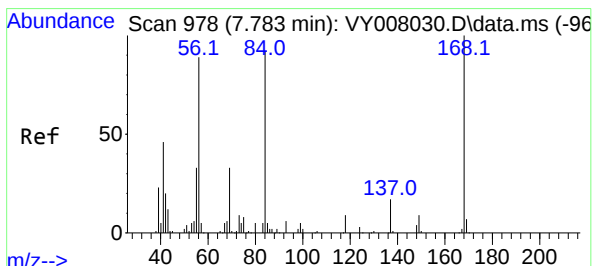
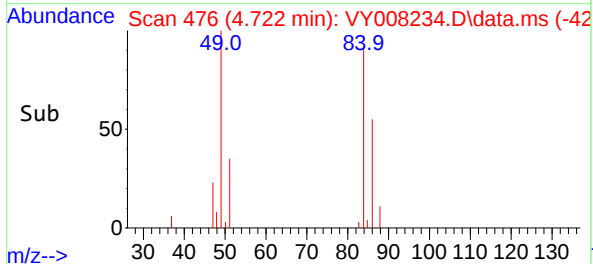
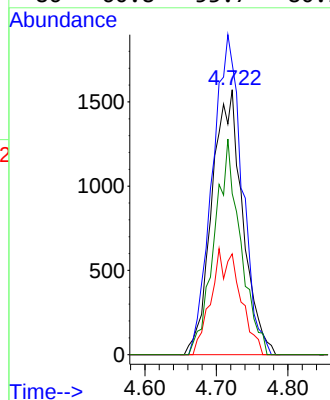
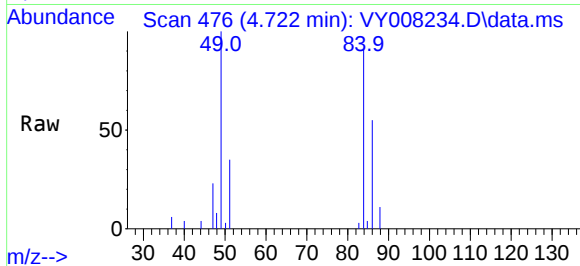




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

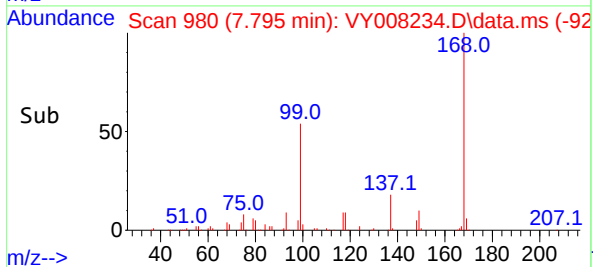
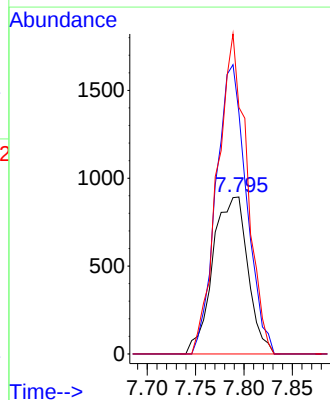
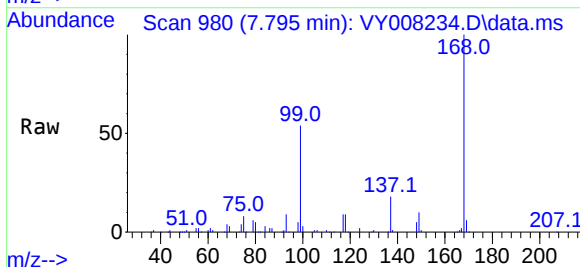
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

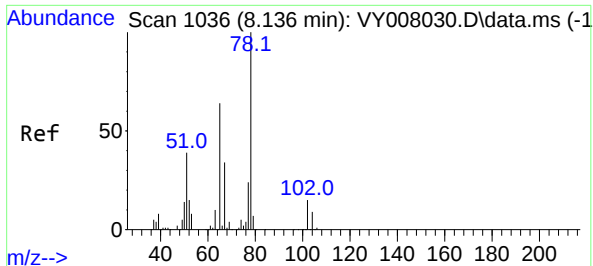
Tgt Ion: 84 Resp: 4692
Ion Ratio Lower Upper
84 100
49 109.9 114.4 171.6#
51 38.0 35.3 52.9
86 60.8 53.7 80.5



#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion: 56 Resp: 2249
Ion Ratio Lower Upper
56 100
69 153.6 26.7 40.1#
84 157.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.339 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008234.D

Acq: 06 Apr 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

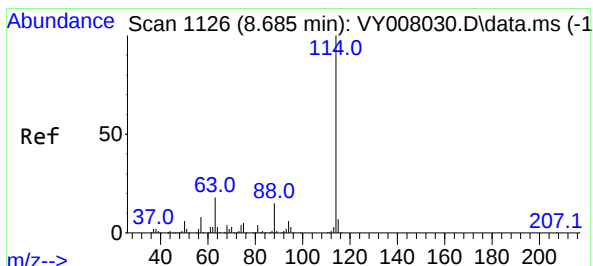
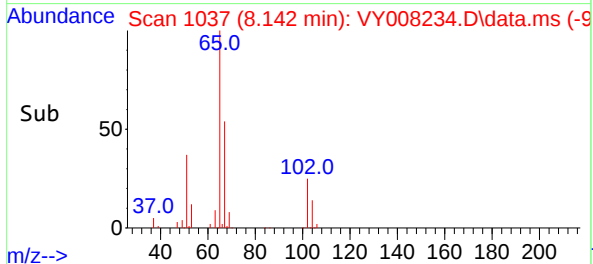
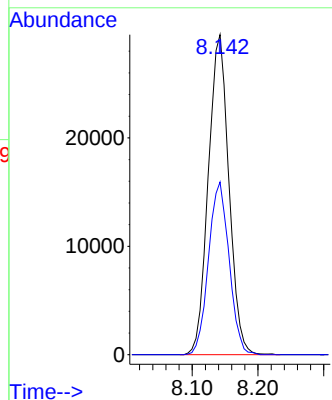
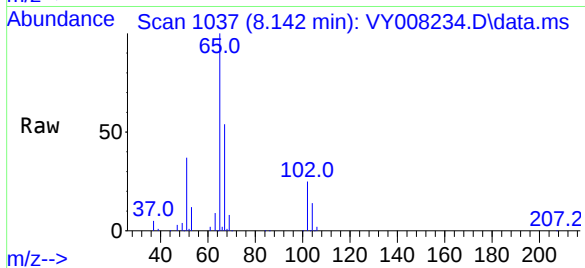
EO-03-040522

Tgt Ion: 65 Resp: 64267

Ion Ratio Lower Upper

65 100

67 53.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008234.D

Acq: 06 Apr 2022 14:57

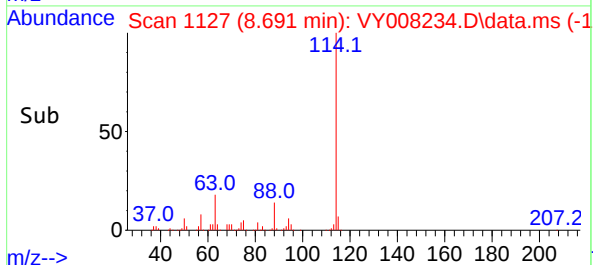
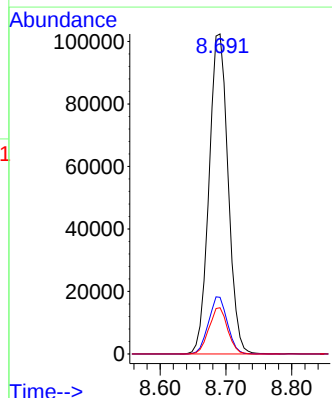
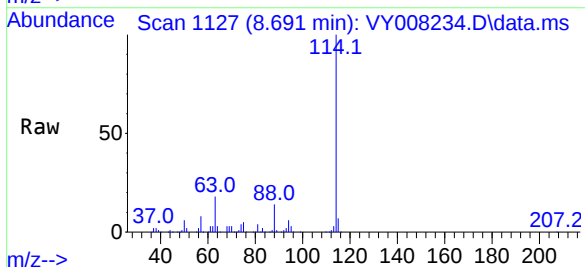
Tgt Ion: 114 Resp: 206062

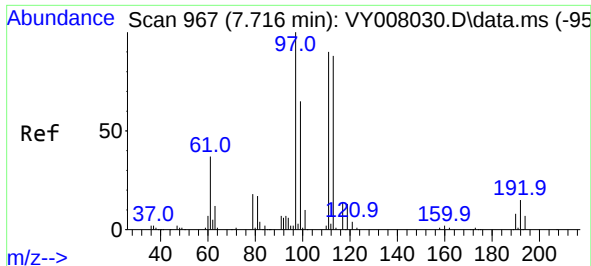
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.5 0.0 31.8

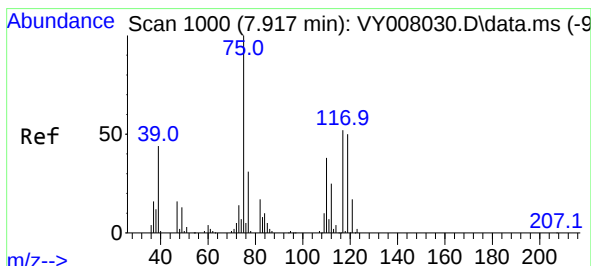
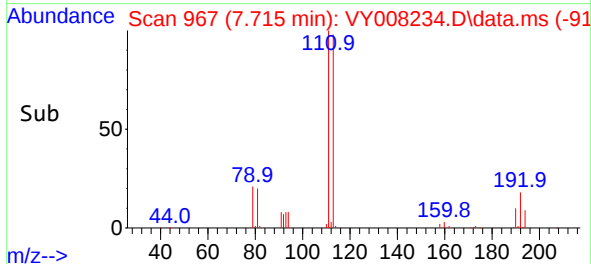
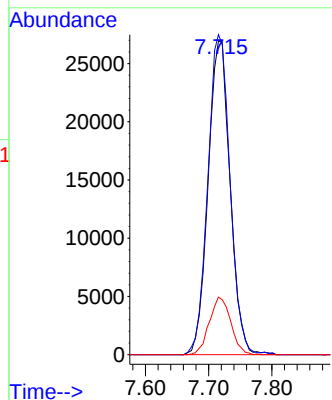
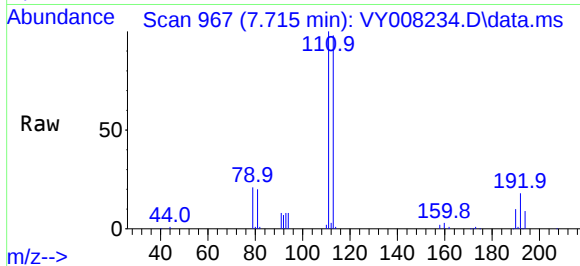




#35
Dibromofluoromethane
Concen: 50.388 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

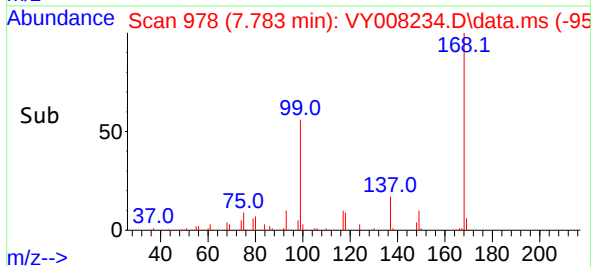
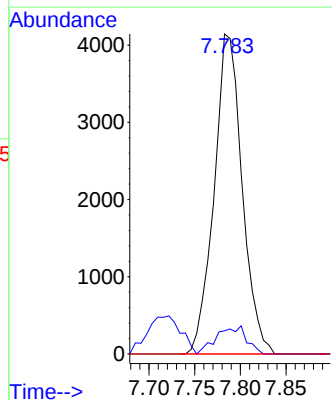
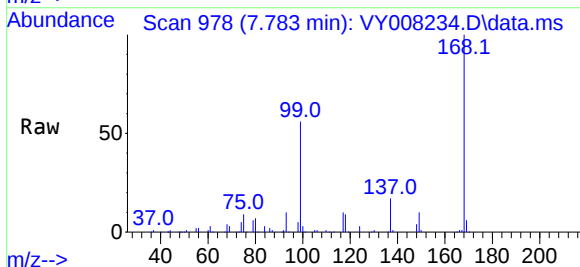
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

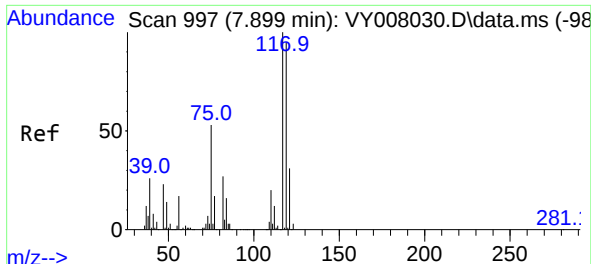
Tgt Ion:	113	Resp:	65099
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	17.9	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.357 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion:	75	Resp:	8842
Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.1	51.2#
77	0.0	24.4	36.6#

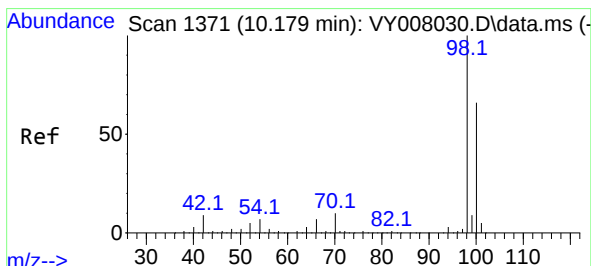
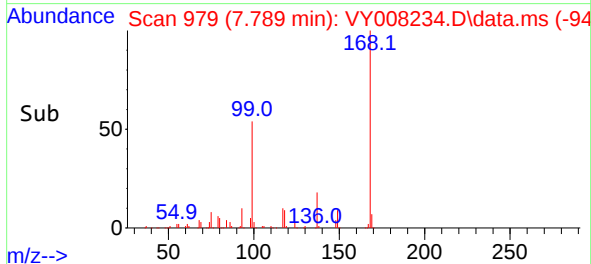
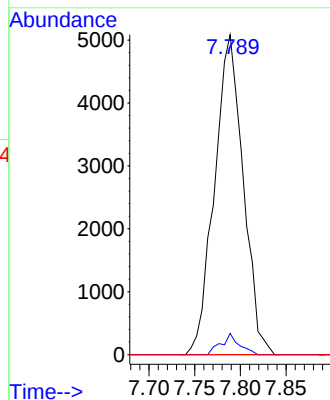
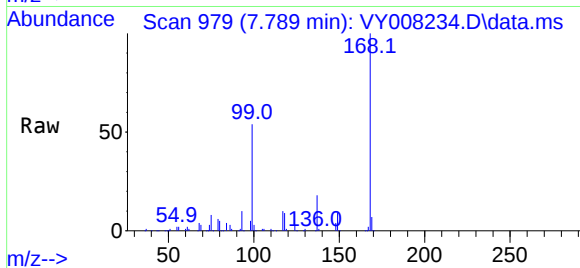




#38
Carbon Tetrachloride
Concen: 5.019 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

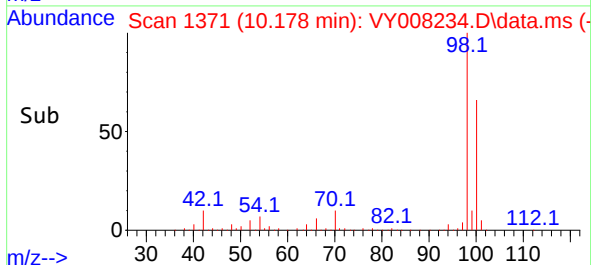
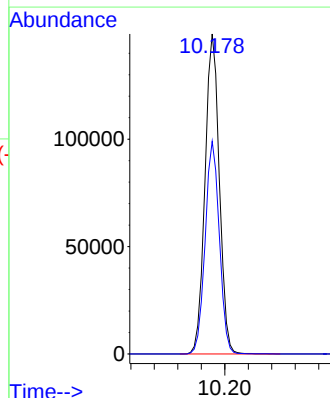
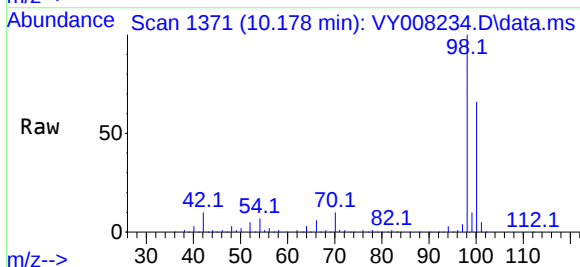
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

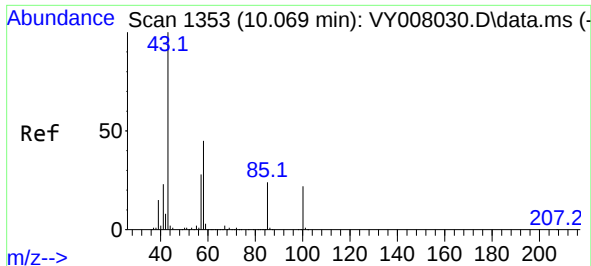
Tgt Ion:117 Resp: 11099
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.747 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion: 98 Resp: 251877
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

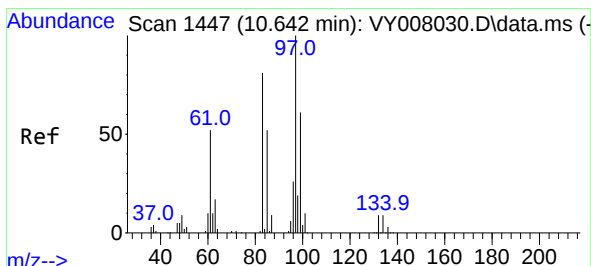
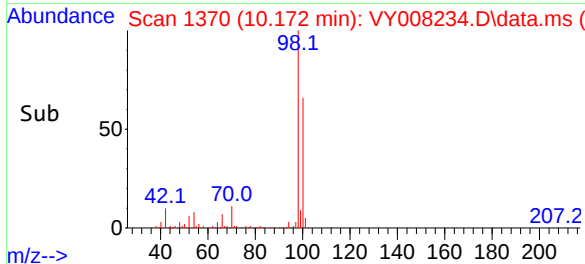
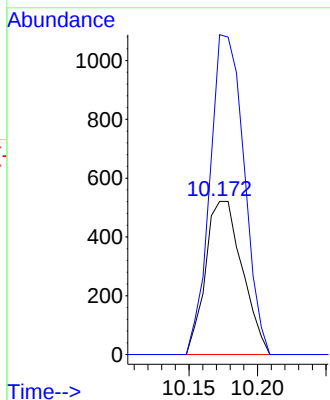
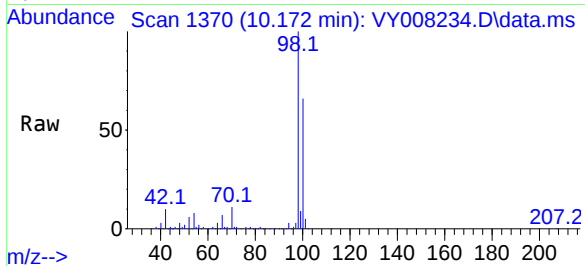




#51
4-Methyl-2-Pentanone
Concen: 1.034 ug/l
RT: 10.172 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

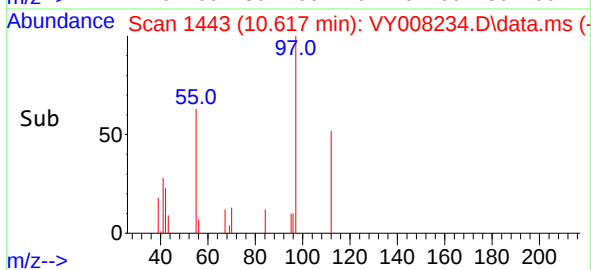
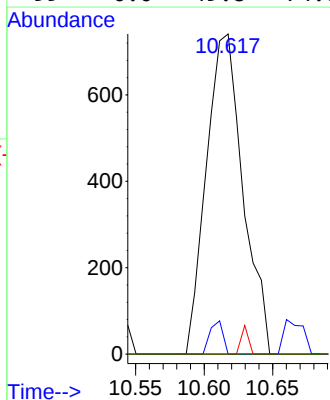
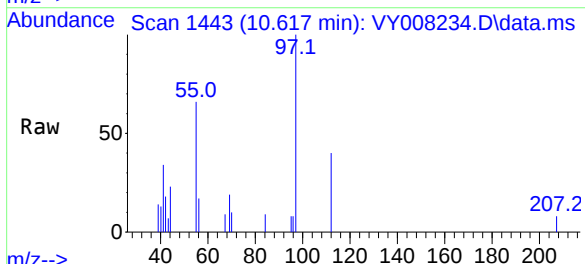
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

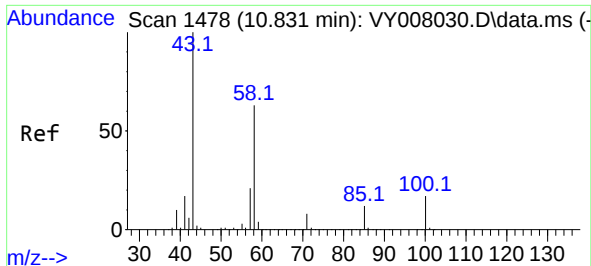
Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
58 194.2 28.1 42.1#



#55
1,1,2-Trichloroethane
Concen: 1.110 ug/l
RT: 10.617 min Scan# 1443
Delta R.T. -0.025 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion: 97 Resp: 1379
Ion Ratio Lower Upper
97 100
83 0.0 69.8 104.8#
85 0.0 44.3 66.5#
99 0.0 49.8 74.6#

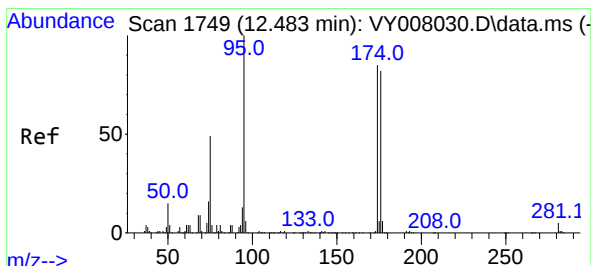
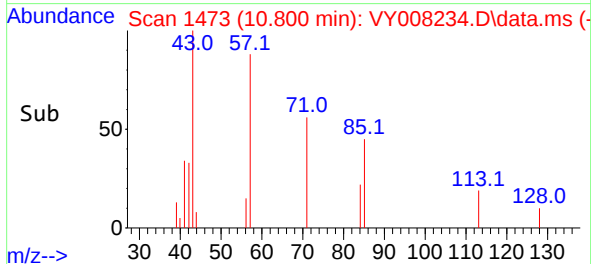
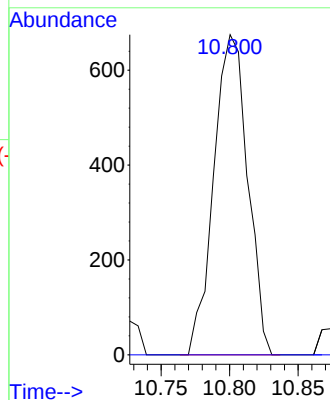
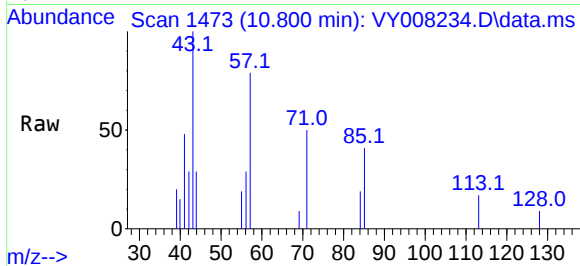




#59
2-Hexanone
Concen: 1.772 ug/l
RT: 10.800 min Scan# 1478
Delta R.T. -0.031 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

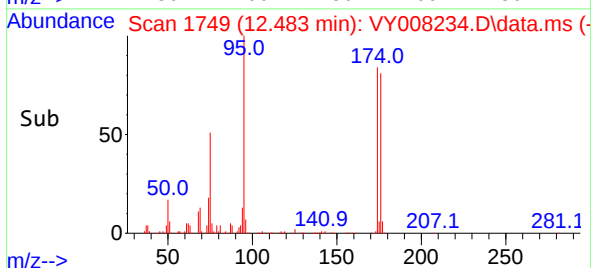
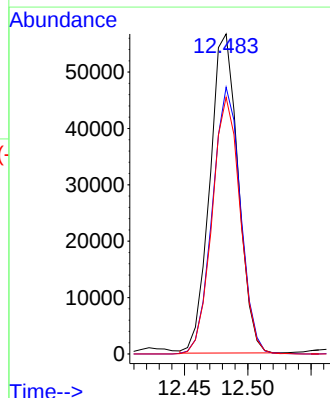
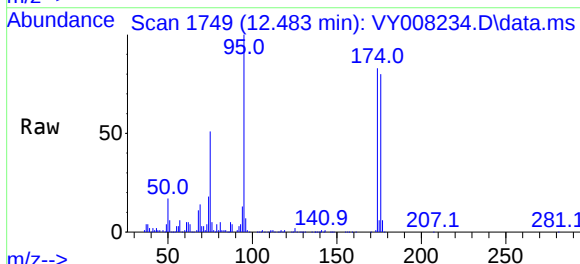
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

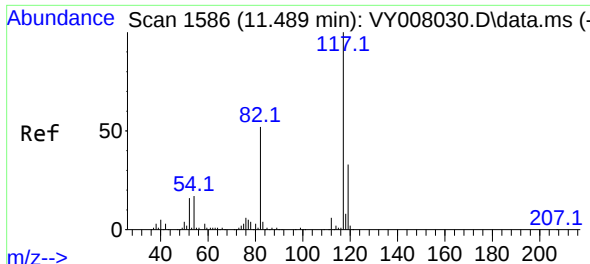
Tgt Ion: 43 Resp: 1164
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 51.249 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion: 95 Resp: 88008
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 79.7 0.0 175.8

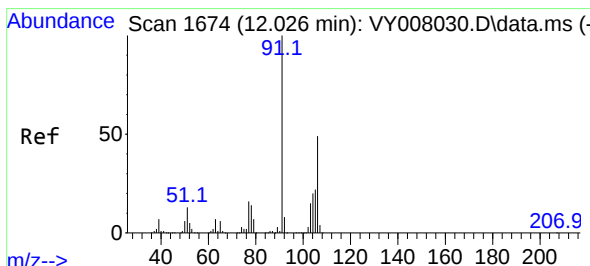
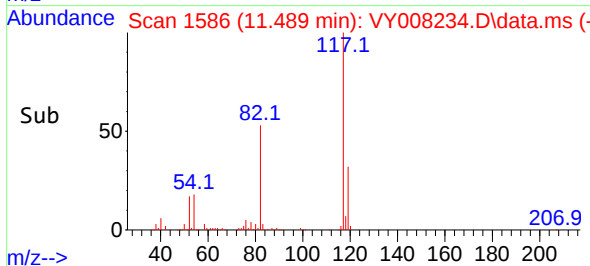
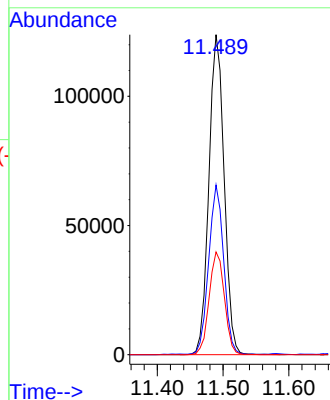
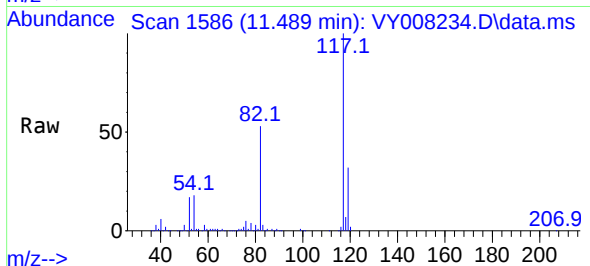




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

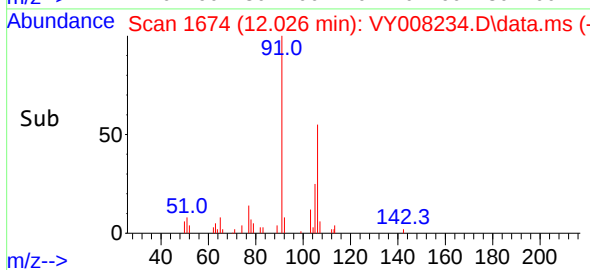
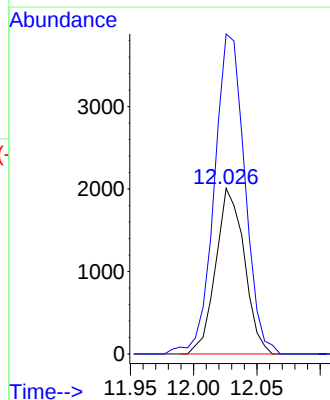
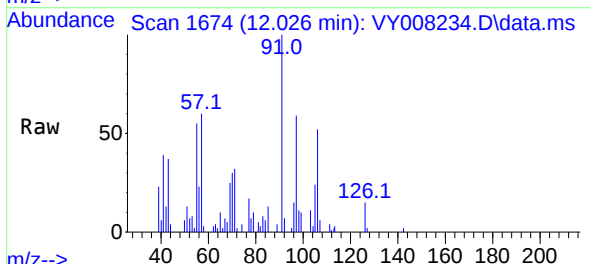
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

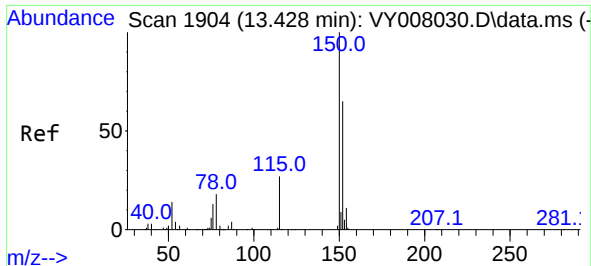
Tgt Ion:117 Resp: 199966
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.1 25.4 38.0



#69
o-Xylene
Concen: 1.048 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion:106 Resp: 3153
Ion Ratio Lower Upper
106 100
91 206.3 110.3 331.0

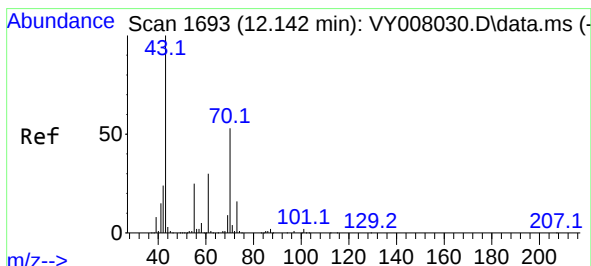
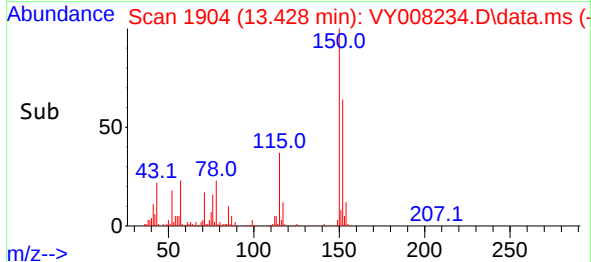
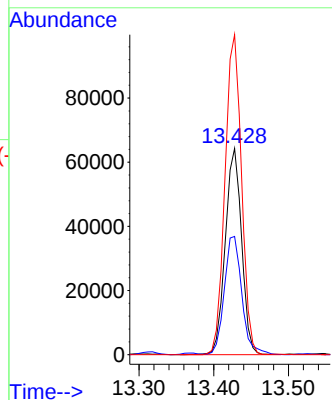
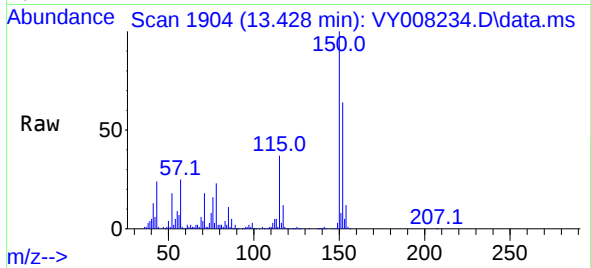




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

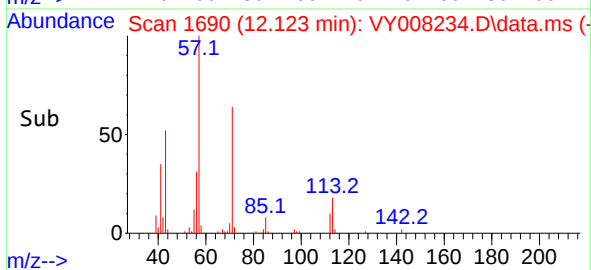
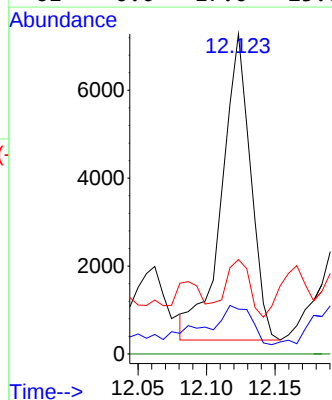
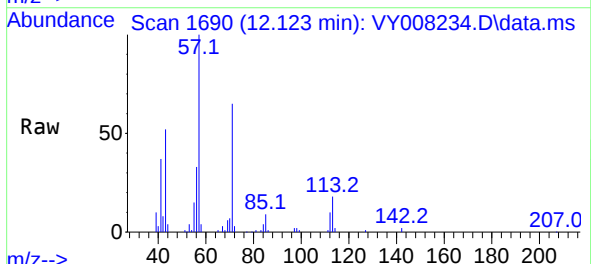
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

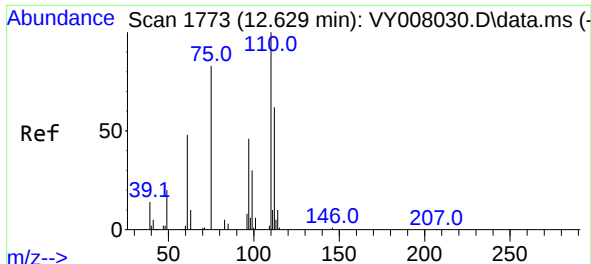
Tgt Ion:152 Resp: 97729
Ion Ratio Lower Upper
152 100
115 61.6 28.2 84.7
150 156.7 0.0 347.6



#74
N-ethyl acetate
Concen: 5.766 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.019 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion: 43 Resp: 10224
Ion Ratio Lower Upper
43 100
70 20.2 28.7 43.1#
55 14.9 17.3 25.9#
61 0.0 17.0 25.6#

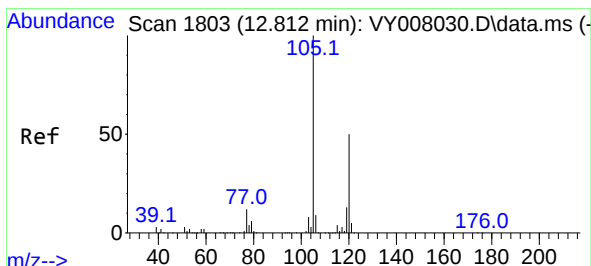
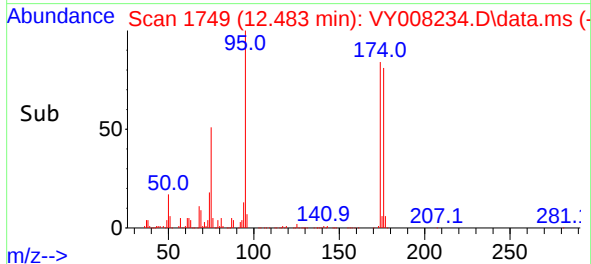
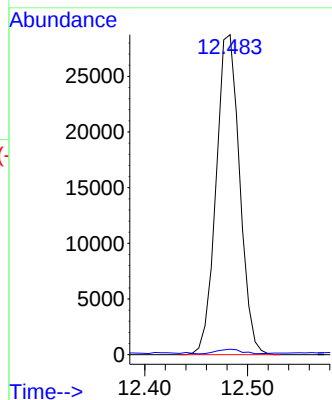
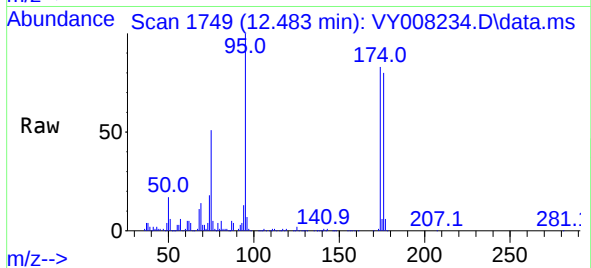




#76
1,2,3-Trichloropropane
Concen: 38.343 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

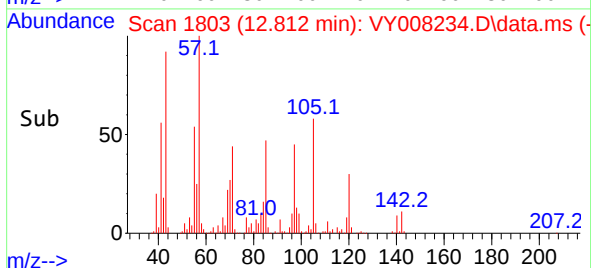
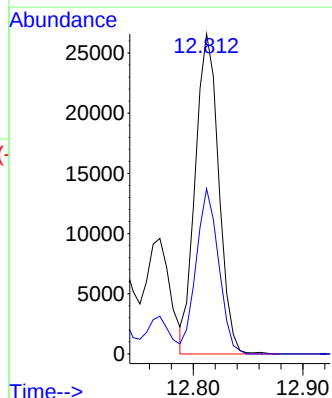
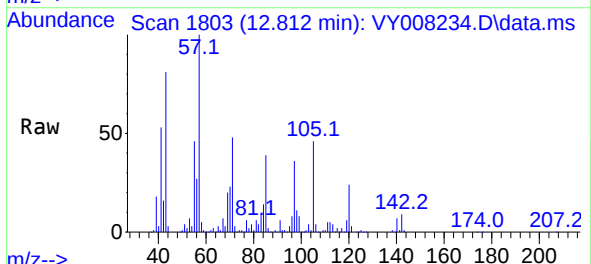
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

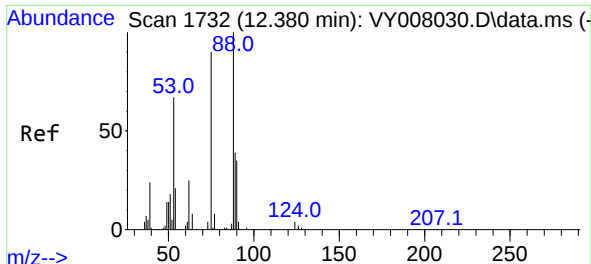
Tgt Ion: 75 Resp: 45679
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 5.979 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion: 105 Resp: 39515
Ion Ratio Lower Upper
105 100
120 49.6 24.4 73.4

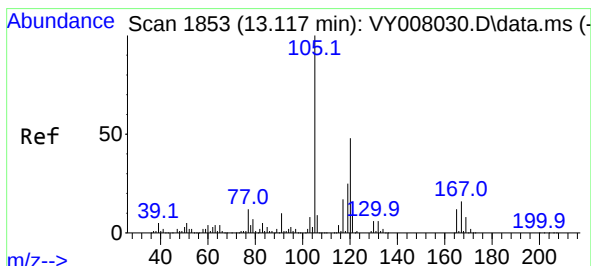
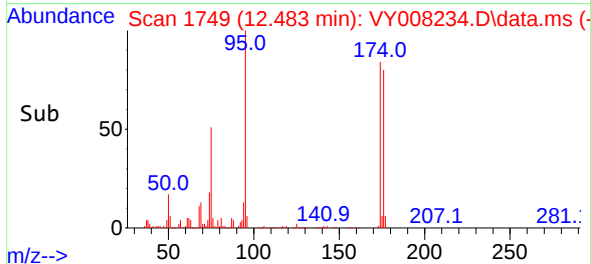
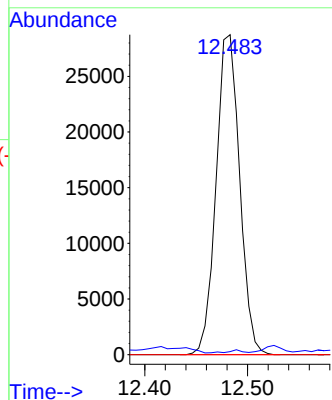
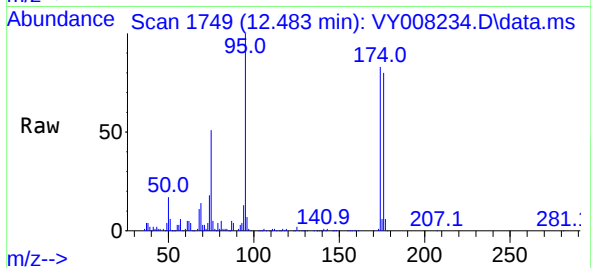




#81
trans-1,4-Dichloro-2-butene
Concen: 85.550 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

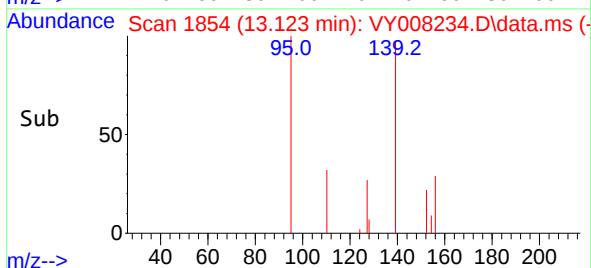
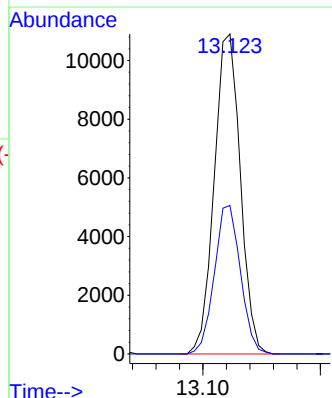
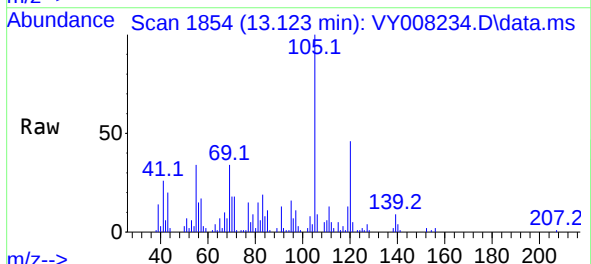
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

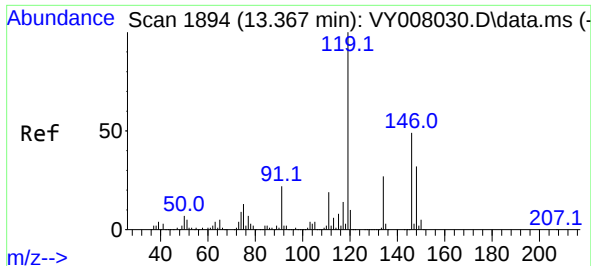
Tgt Ion: 75 Resp: 45679
Ion Ratio Lower Upper
75 100
53 0.4 85.3 127.9#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 2.611 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion: 105 Resp: 16806
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.9

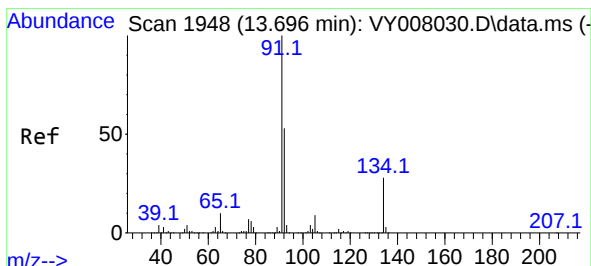
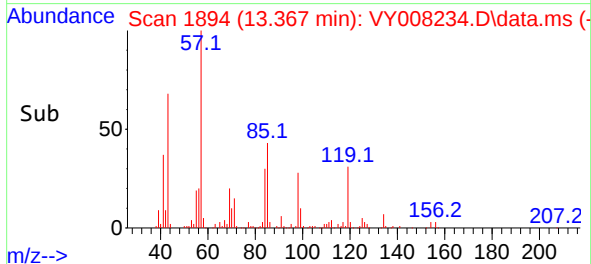
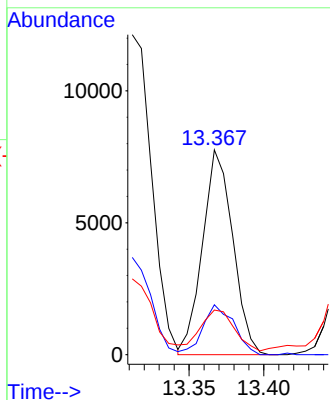
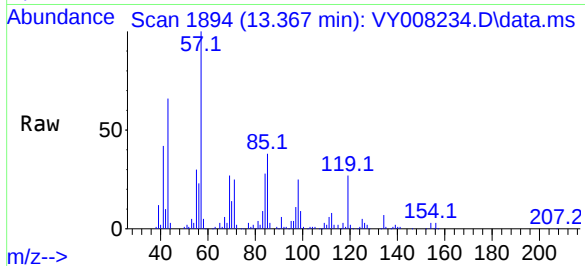




#86
p-Isopropyltoluene
Concen: 1.511 ug/l
RT: 13.367 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

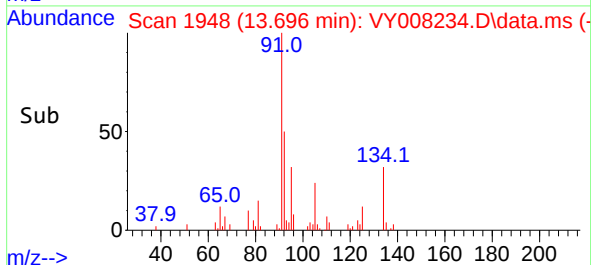
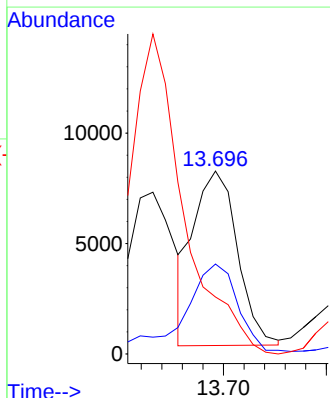
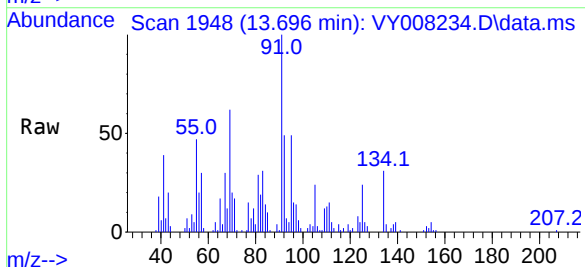
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

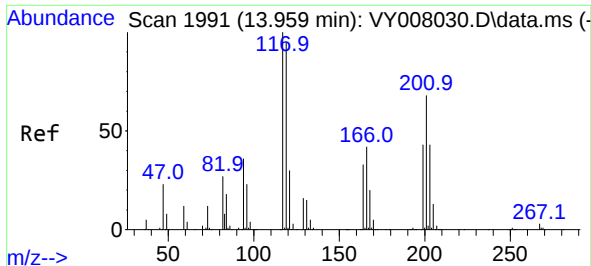
Tgt Ion:	119	Resp:	10930
Ion	Ratio	Lower	Upper
119	100		
134	24.9	13.2	39.5
91	22.3	12.4	37.2



#89
n-Butylbenzene
Concen: 1.761 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion:	91	Resp:	11721
Ion	Ratio	Lower	Upper
91	100		
92	63.8	26.3	78.9
134	0.0	13.0	38.9

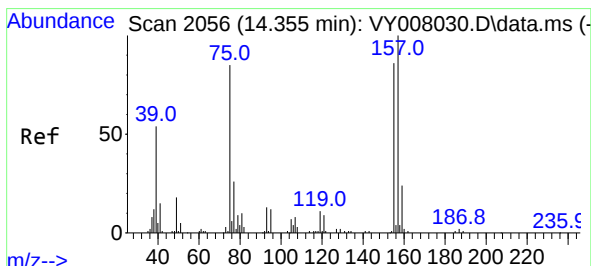
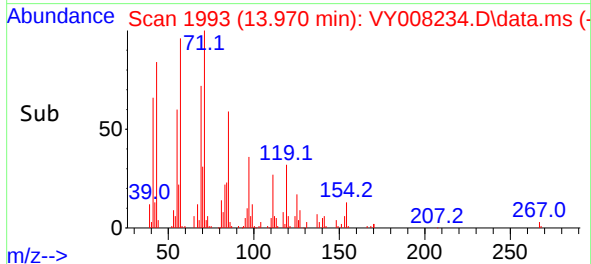
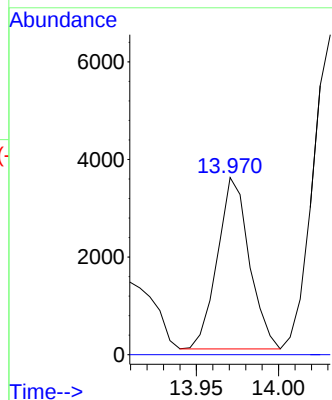
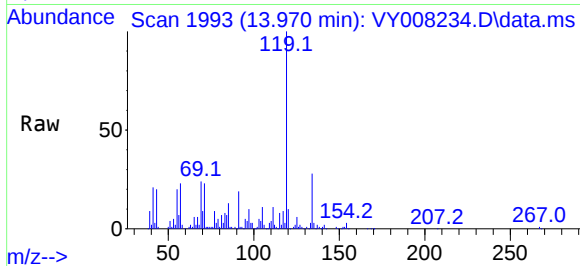




#90
Hexachloroethane
Concen: 3.387 ug/l
RT: 13.970 min Scan# 1993
Delta R.T. 0.011 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

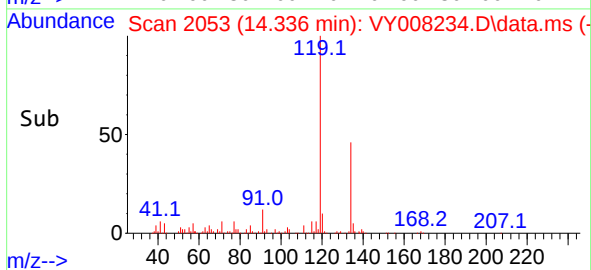
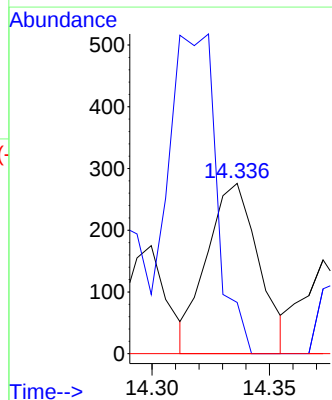
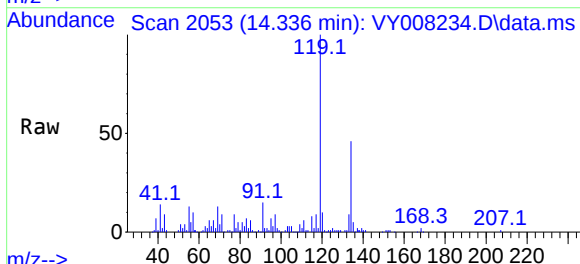
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

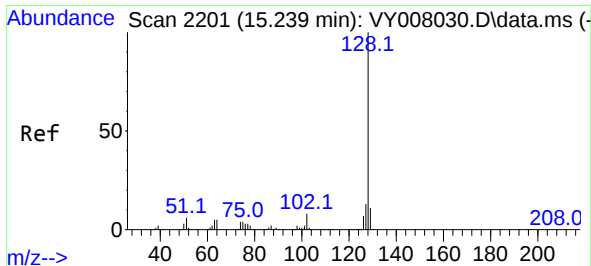
Tgt Ion:117 Resp: 4746
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.686 ug/l
RT: 14.336 min Scan# 2053
Delta R.T. -0.019 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

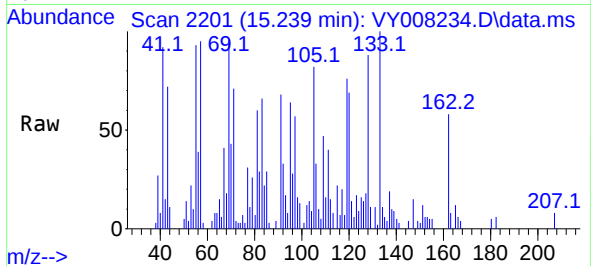
Tgt Ion: 75 Resp: 422
Ion Ratio Lower Upper
75 100
155 170.4 38.0 113.9#
157 0.0 47.8 143.3#





#95
Naphthalene
Concen: 1.052 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522



Tgt Ion:128 Resp: 4497
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

