

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006545.D
 Acq On : 01 Nov 2021 12:05
 Operator : SY/MD
 Sample : VY1101SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 14:54:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

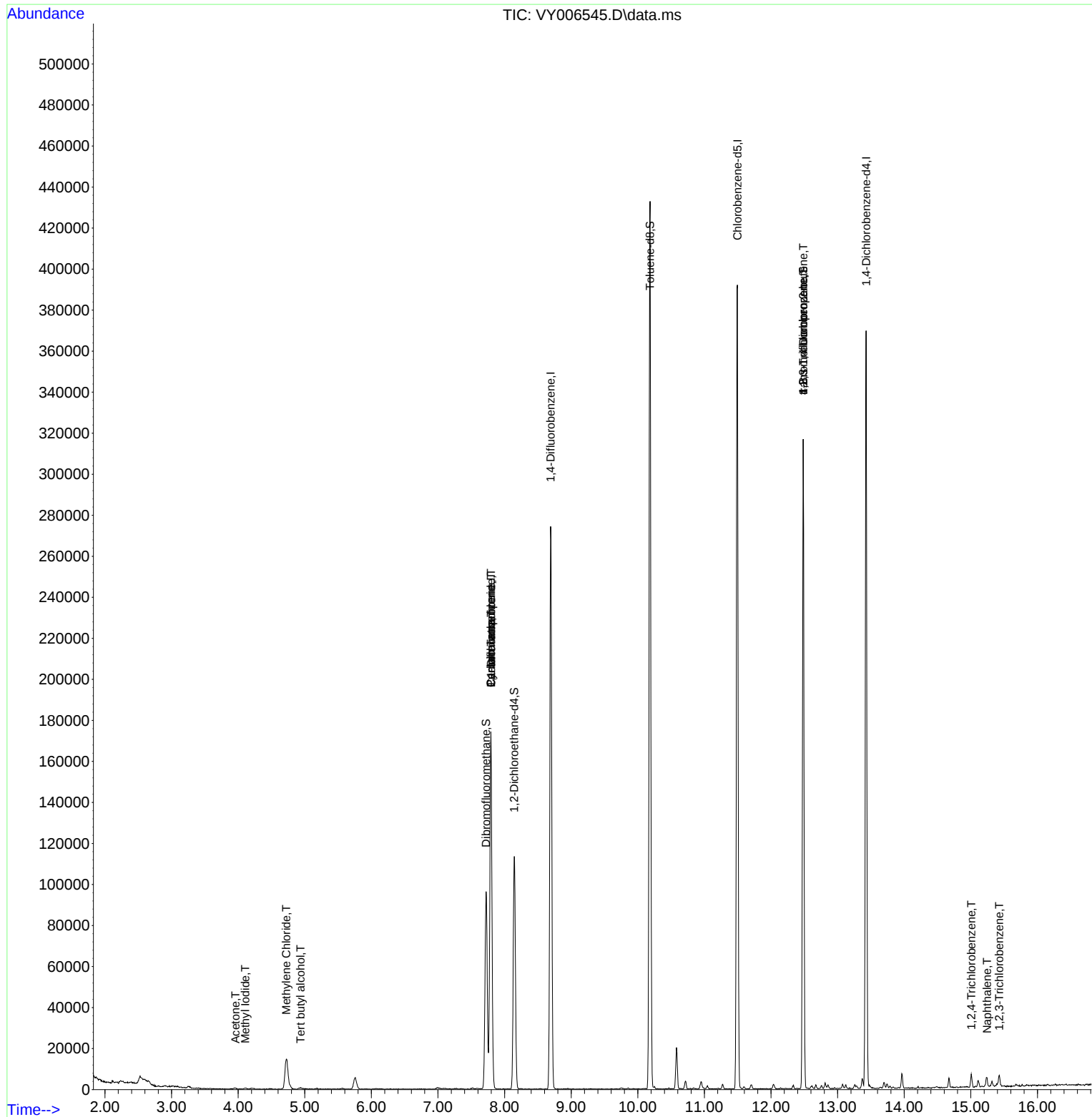
Internal Standards						
1) Pentafluorobenzene	7.795	168	131124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	198021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	93745	58.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.200%	
35) Dibromofluoromethane	7.722	113	66329	54.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.020%	
50) Toluene-d8	10.185	98	276618	53.625	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.260%	
62) 4-Bromofluorobenzene	12.483	95	88228	50.774	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.540%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	749	5.581	ug/l #	85
11) Tert butyl alcohol	4.936	59	721	4.919	ug/l #	72
16) Acetone	3.960	43	968	2.083	ug/l #	88
20) Methylene Chloride	4.722	84	10220	3.325	ug/l	92
31) Cyclohexane	7.795	56	3406	1.304	ug/l #	13
36) 1,1-Dichloropropene	7.795	75	10711	4.965	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12852	5.401	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	49098	55.308	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49098	113.545	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.007	180	1783	1.081	ug/l	95
95) Naphthalene	15.245	128	3880	1.201	ug/l	96
96) 1,2,3-Trichlorobenzene	15.428	180	1780	1.232	ug/l	97

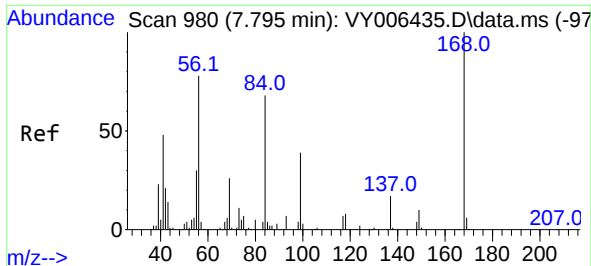
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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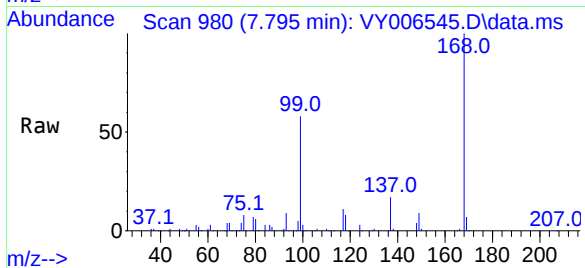
Quant Time: Nov 01 14:54:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
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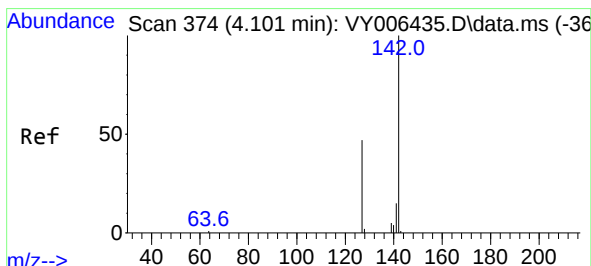
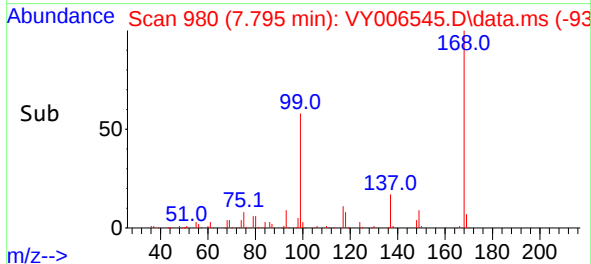
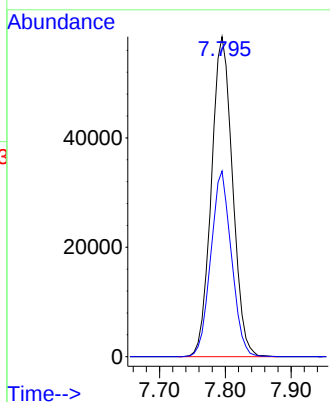


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006545.D
Acq: 01 Nov 2021 12:05

Instrument :
MSVOA_Y
ClientSampleId :

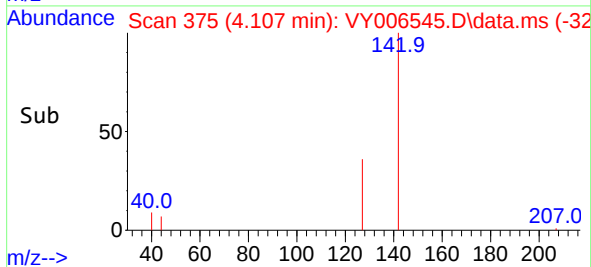
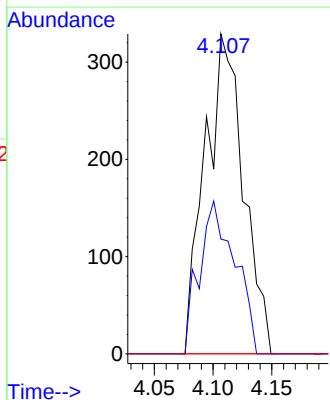
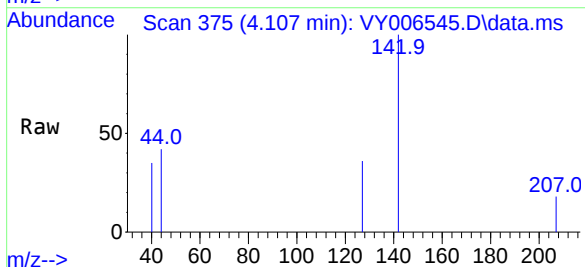


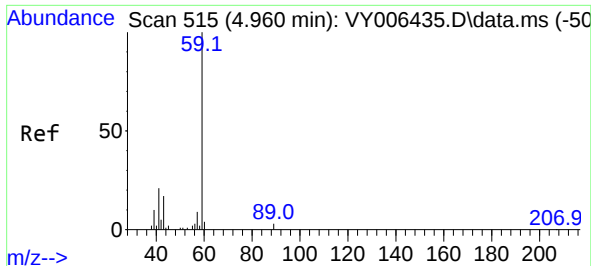
Tgt Ion:168 Resp: 131124
Ion Ratio Lower Upper
168 100
99 58.0 44.8 67.2



#10
Methyl Iodide
Concen: 5.581 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006545.D
Acq: 01 Nov 2021 12:05

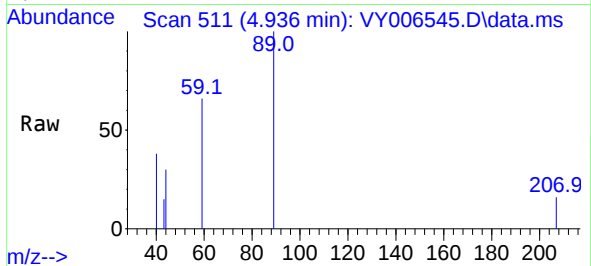
Tgt Ion:142 Resp: 749
Ion Ratio Lower Upper
142 100
127 44.2 40.1 60.1
141 0.0 12.5 18.7#



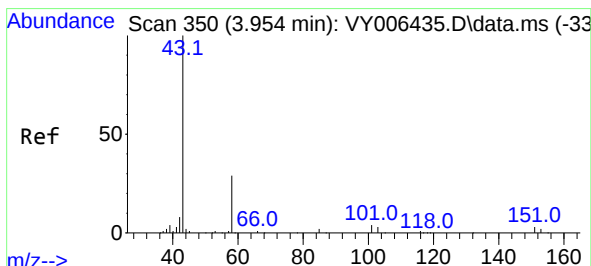
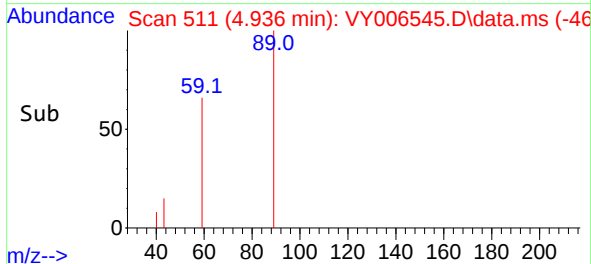
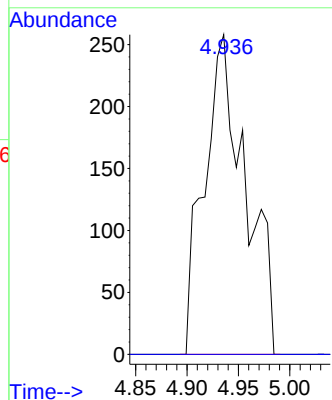


#11
Tert butyl alcohol
Concen: 4.919 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY006545.D
Acq: 01 Nov 2021 12:05

Instrument :
MSVOA_Y
ClientSampleId :

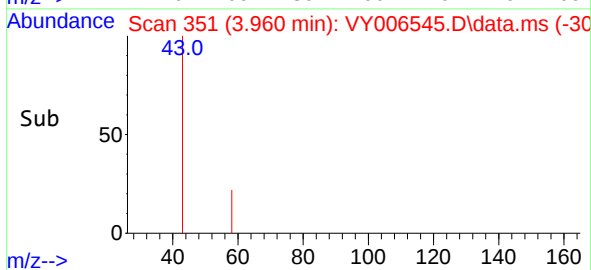
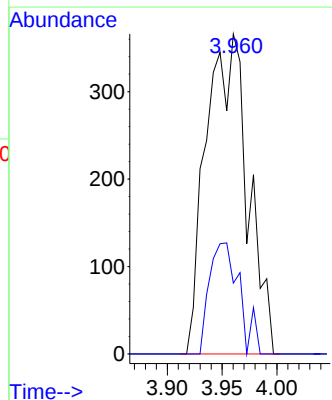
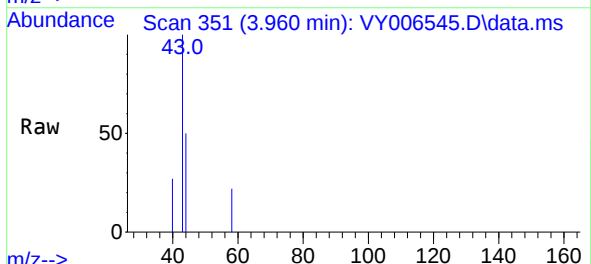


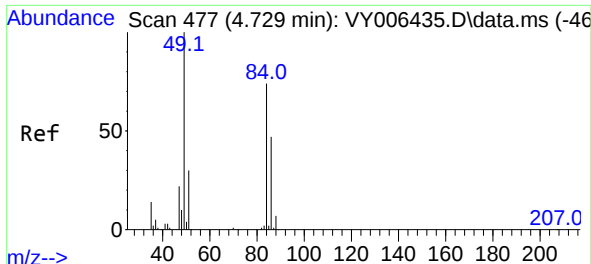
Tgt Ion: 59 Resp: 721
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 2.083 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006545.D
Acq: 01 Nov 2021 12:05

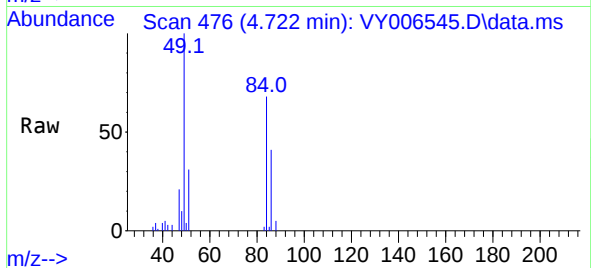
Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
58 22.1 22.9 34.3#



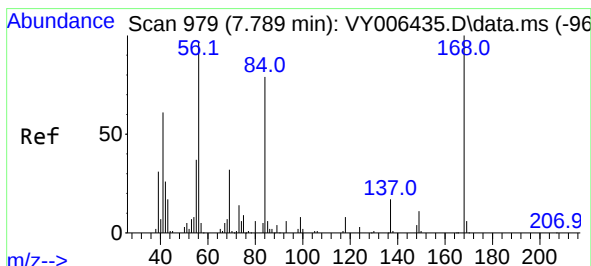
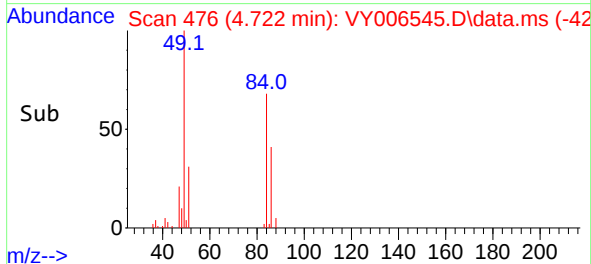
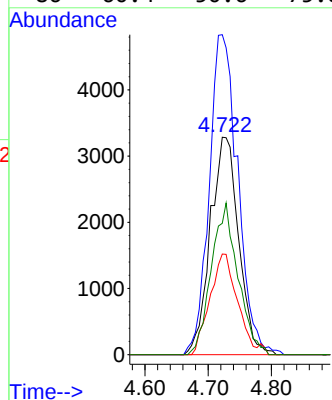


#20
Methylene Chloride
Concen: 3.325 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY006545.D
Acq: 01 Nov 2021 12:05

Instrument :
MSVOA_Y
ClientSampleId :

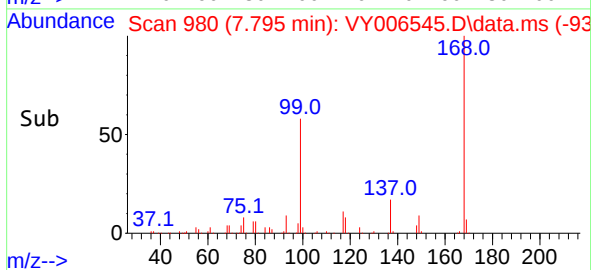
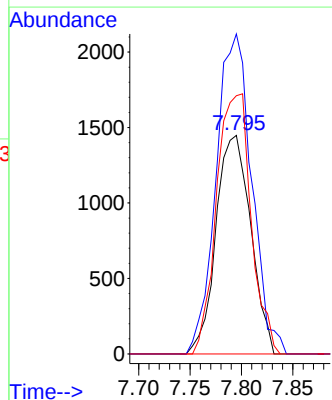
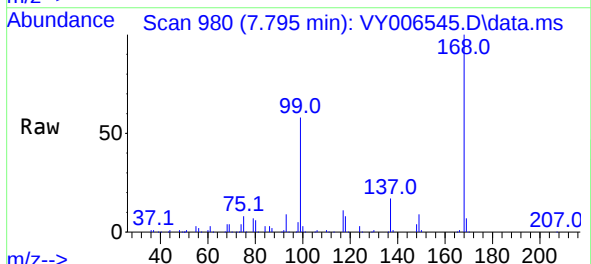


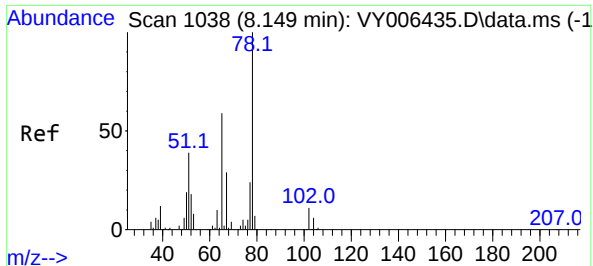
Tgt Ion: 84 Resp: 10220
Ion Ratio Lower Upper
84 100
49 147.1 107.8 161.8
51 46.3 32.8 49.2
86 60.4 50.6 75.8



#31
Cyclohexane
Concen: 1.304 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006545.D
Acq: 01 Nov 2021 12:05

Tgt Ion: 56 Resp: 3406
Ion Ratio Lower Upper
56 100
69 146.4 26.6 40.0#
84 118.2 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 58.098 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY006545.D

Acq: 01 Nov 2021 12:05

Instrument :

MSVOA_Y

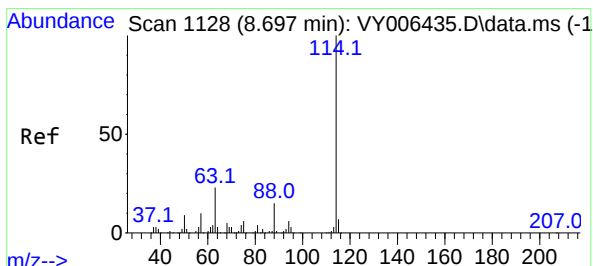
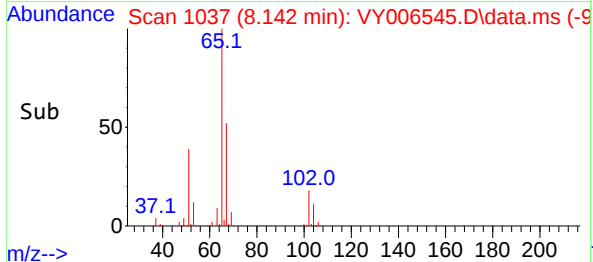
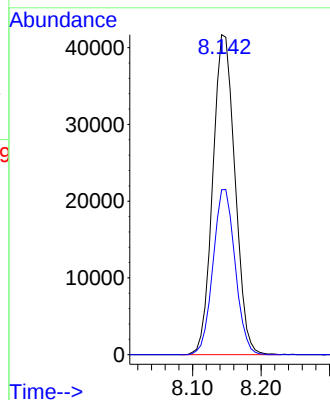
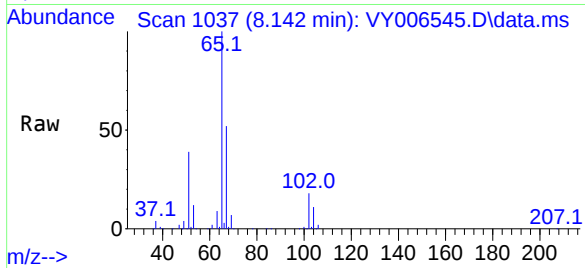
ClientSampleId :

Tgt Ion: 65 Resp: 93745

Ion Ratio Lower Upper

65 100

67 51.4 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006545.D

Acq: 01 Nov 2021 12:05

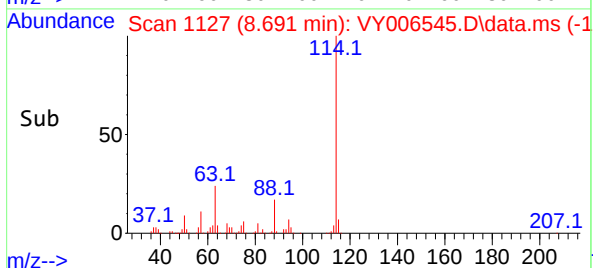
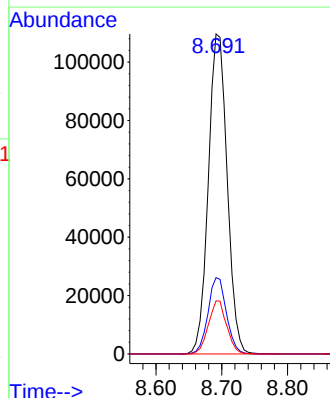
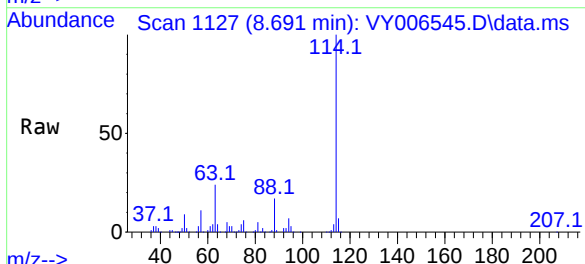
Tgt Ion: 114 Resp: 218318

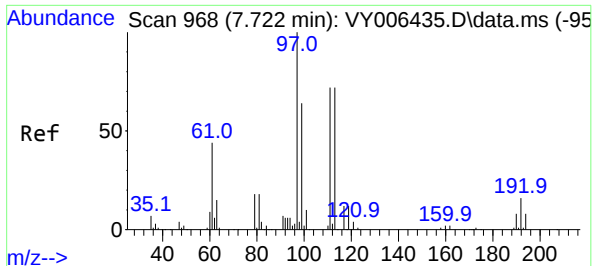
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.509 ug/l

RT: 7.722 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY006545.D

Acq: 01 Nov 2021 12:05

Instrument :

MSVOA_Y

ClientSampleId :

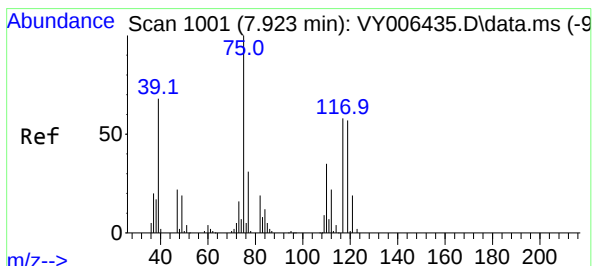
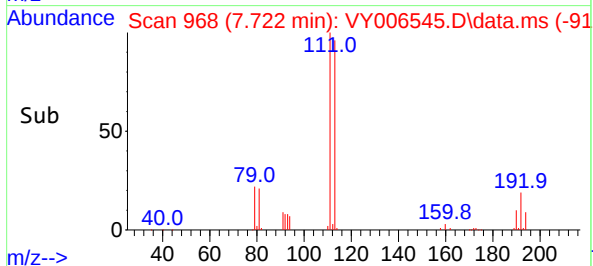
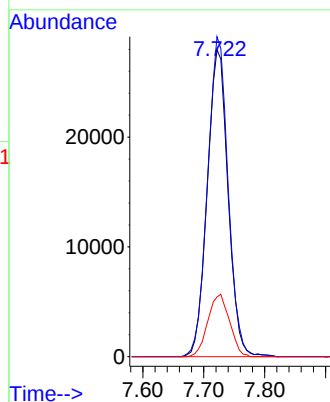
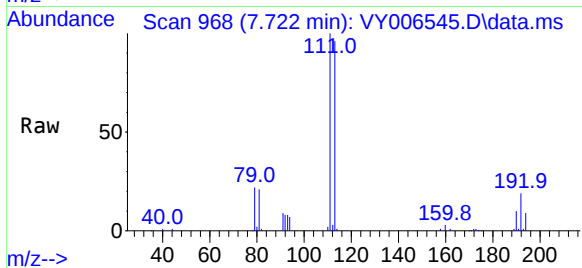
Tgt Ion:113 Resp: 66329

Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

192 21.2 17.4 26.2



#36

1,1-Dichloropropene

Concen: 4.965 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006545.D

Acq: 01 Nov 2021 12:05

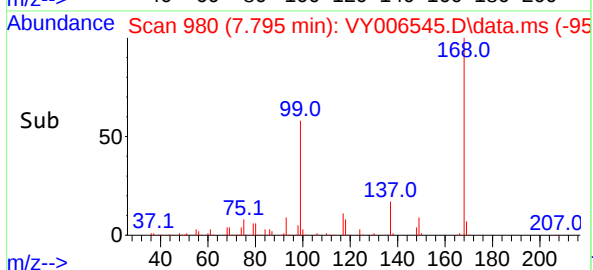
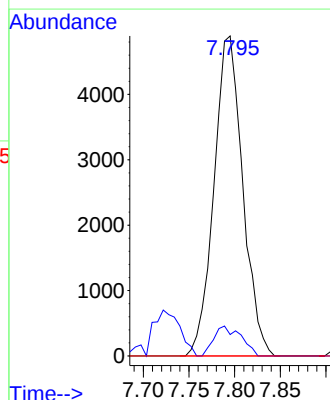
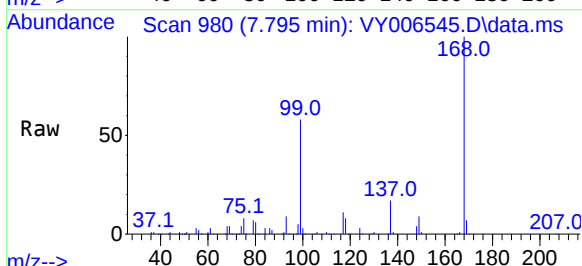
Tgt Ion: 75 Resp: 10711

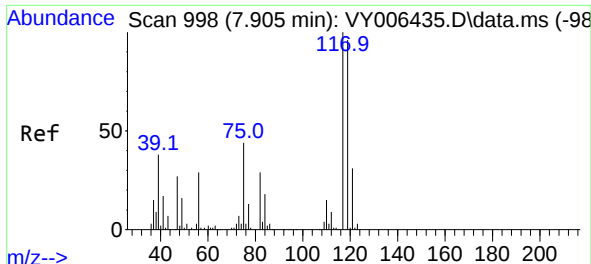
Ion Ratio Lower Upper

75 100

110 8.8 17.1 51.3#

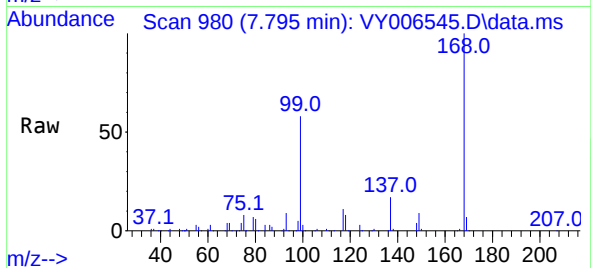
77 0.0 24.9 37.3#



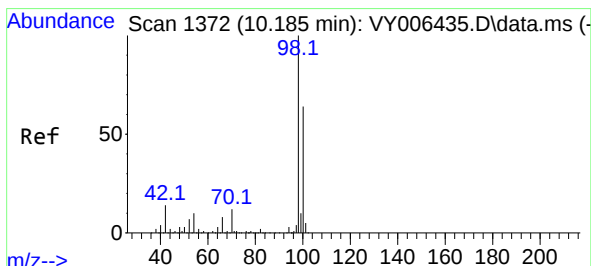
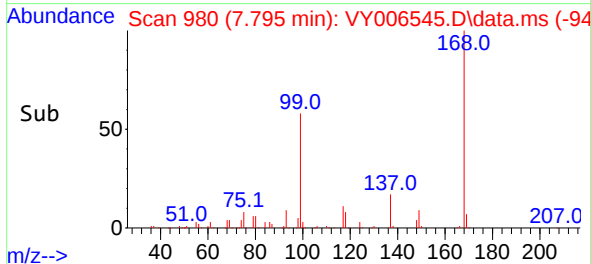
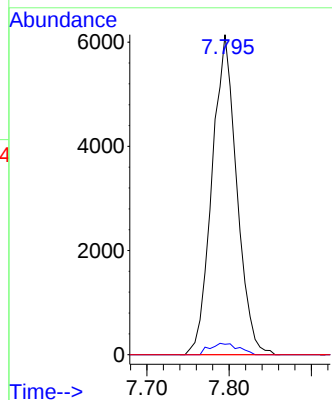


#38
Carbon Tetrachloride
Concen: 5.401 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006545.D
Acq: 01 Nov 2021 12:05

Instrument :
MSVOA_Y
ClientSampleId :

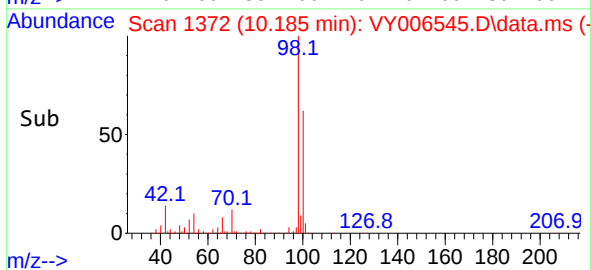
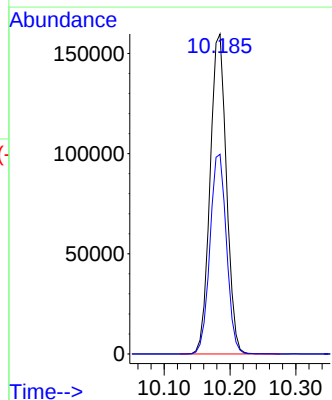
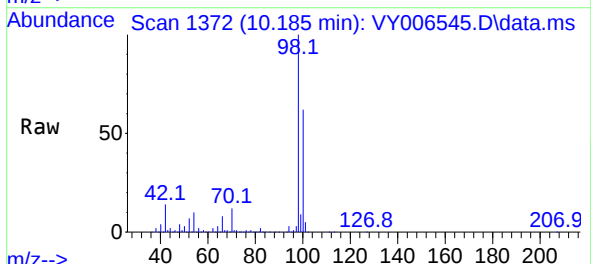


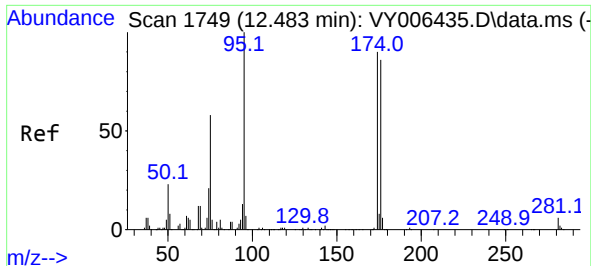
Tgt Ion:117 Resp: 12852
Ion Ratio Lower Upper
117 100
119 3.3 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.625 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006545.D
Acq: 01 Nov 2021 12:05

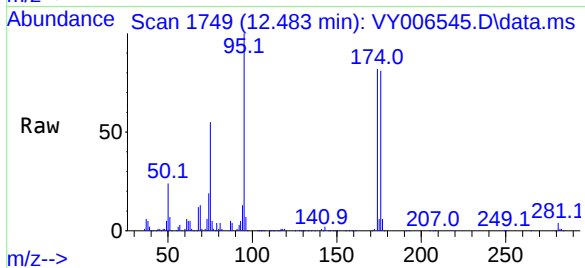
Tgt Ion: 98 Resp: 276618
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



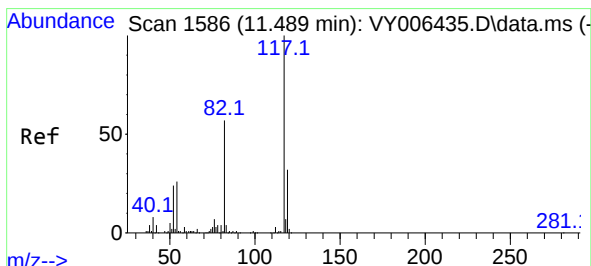
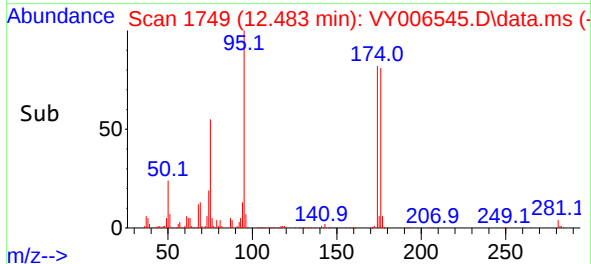
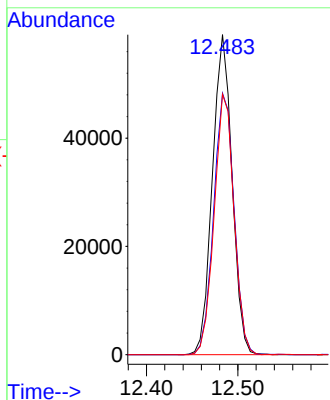


#62
4-Bromofluorobenzene
Concen: 50.774 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006545.D
Acq: 01 Nov 2021 12:05

Instrument :
MSVOA_Y
ClientSampleId :

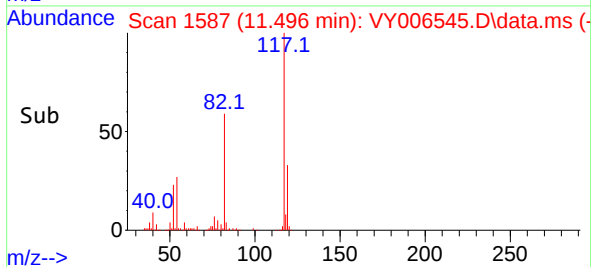
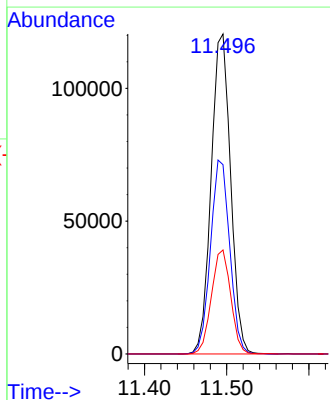
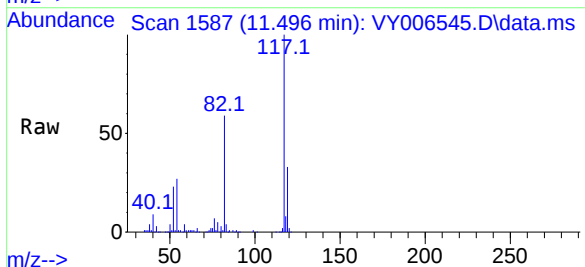


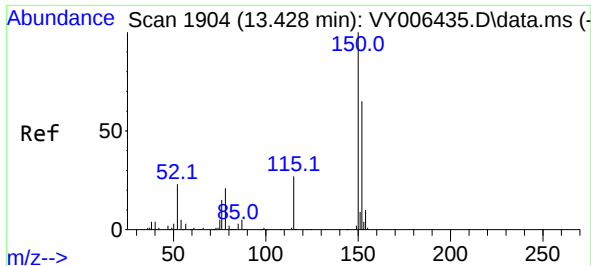
Tgt Ion: 95 Resp: 88228
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 82.1 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006545.D
Acq: 01 Nov 2021 12:05

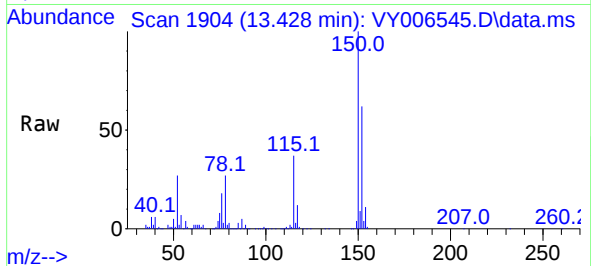
Tgt Ion: 117 Resp: 198021
Ion Ratio Lower Upper
117 100
82 59.2 45.7 68.5
119 32.5 25.5 38.3



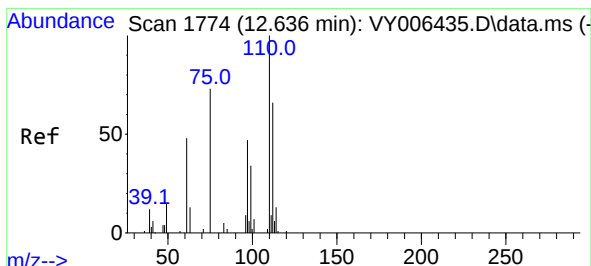
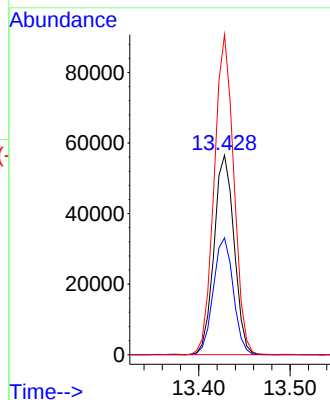
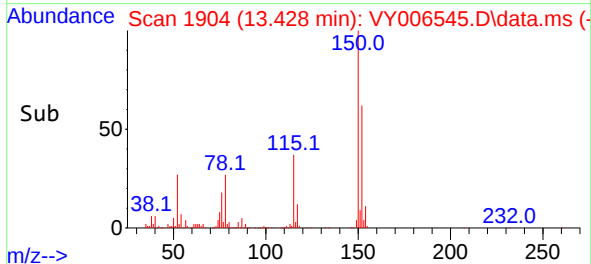


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006545.D
 Acq: 01 Nov 2021 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :

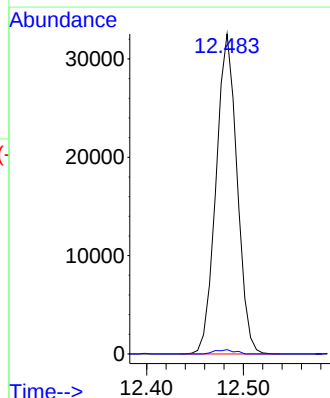
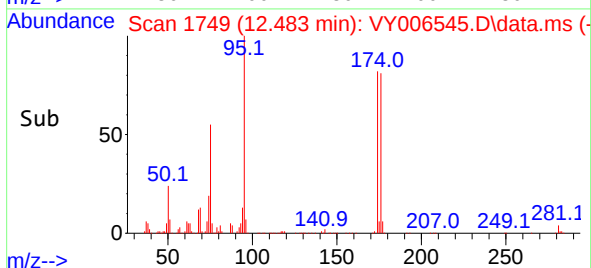
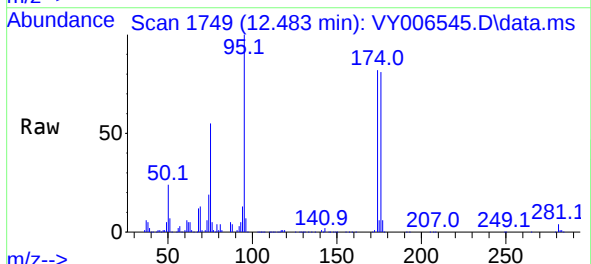


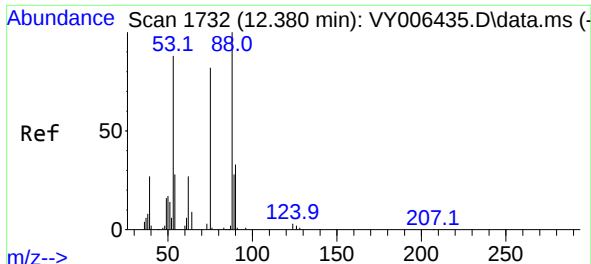
Tgt Ion:152 Resp: 86147
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.5 85.5
 150 157.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 55.308 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006545.D
 Acq: 01 Nov 2021 12:05

Tgt Ion: 75 Resp: 49098
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

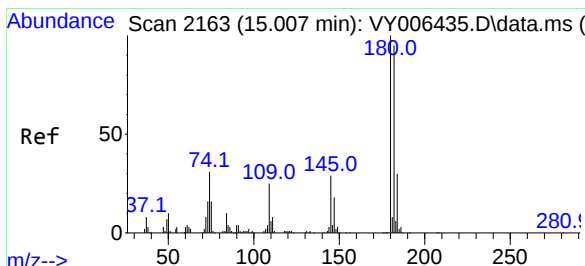
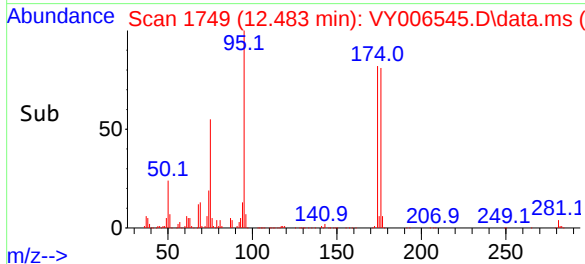
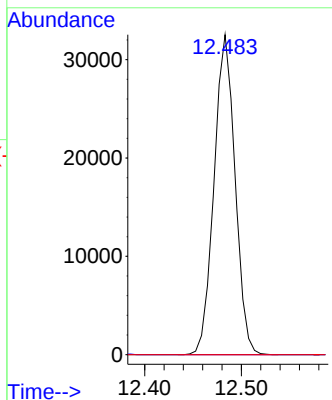
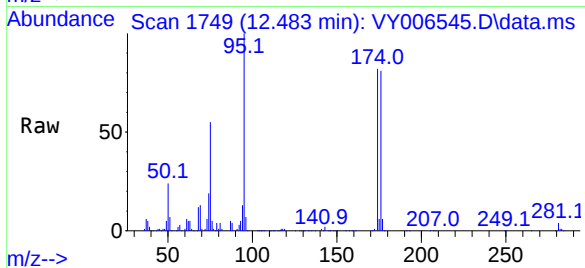




#81
trans-1,4-Dichloro-2-butene
Concen: 113.545 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY006545.D
Acq: 01 Nov 2021 12:05

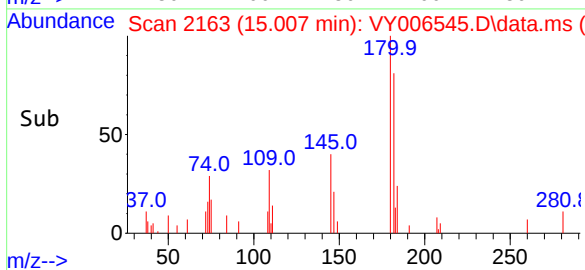
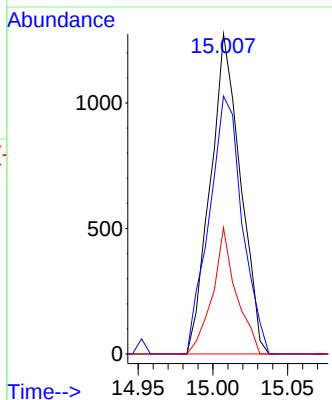
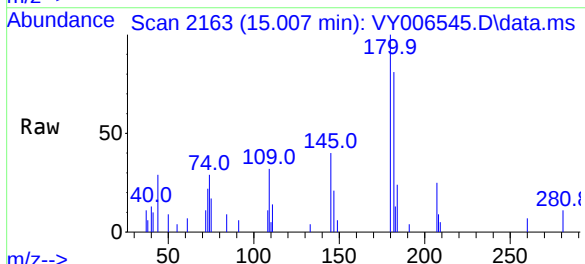
Instrument :
MSVOA_Y
ClientSampleId :

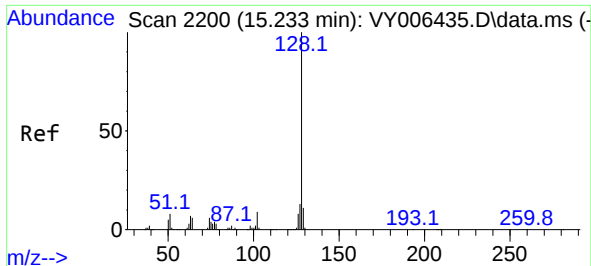
Tgt Ion: 75 Resp: 49098
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#



#93
1,2,4-Trichlorobenzene
Concen: 1.081 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY006545.D
Acq: 01 Nov 2021 12:05

Tgt Ion:180 Resp: 1783
Ion Ratio Lower Upper
180 100
182 88.4 47.1 141.4
145 31.0 14.5 43.6

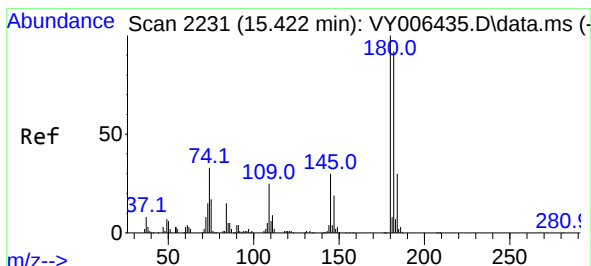
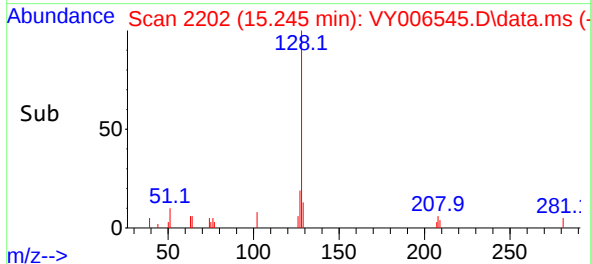
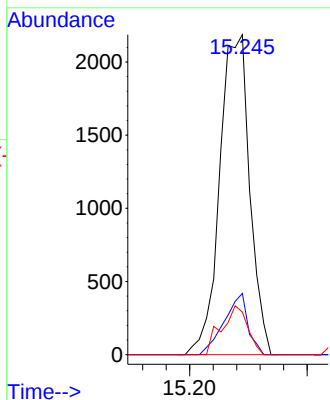
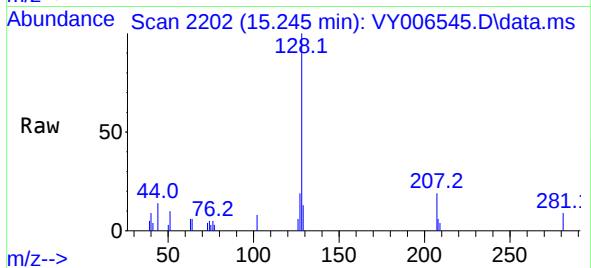




#95
Naphthalene
Concen: 1.201 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY006545.D
Acq: 01 Nov 2021 12:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	128	Resp:	3880
Ion	Ratio	Lower	Upper
128	100		
127	15.2	11.0	16.4
129	13.2	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 1.232 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY006545.D
Acq: 01 Nov 2021 12:05

Tgt Ion:	180	Resp:	1780
Ion	Ratio	Lower	Upper
180	100		
182	99.3	47.8	143.4
145	31.4	15.3	45.8

