

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006595.D
 Acq On : 03 Nov 2021 12:16
 Operator : SY/MD
 Sample : VY1103SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 21:17:32 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)

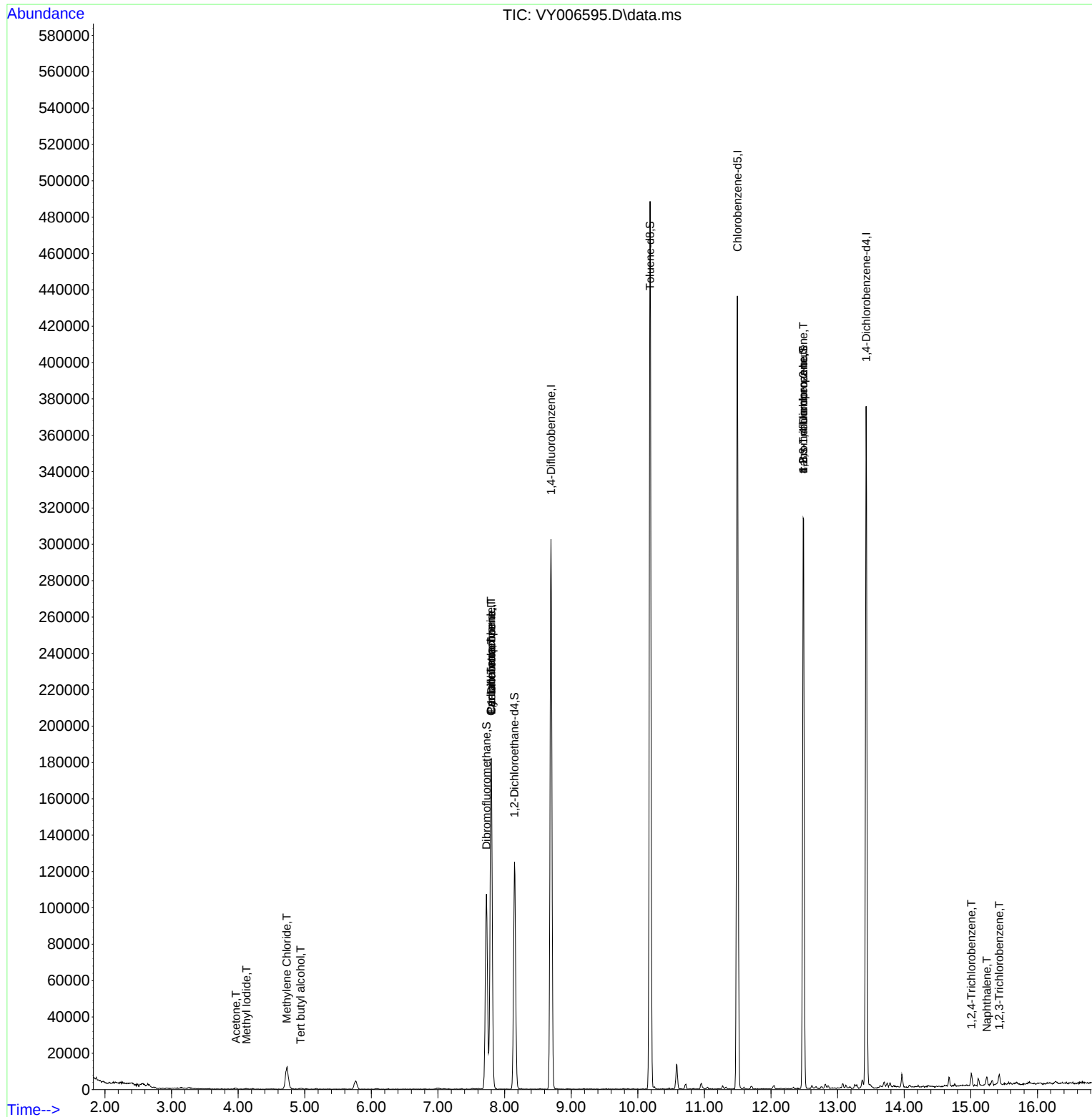
Internal Standards						
1) Pentafluorobenzene	7.801	168	139388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	215467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98880	57.647	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.300%			
35) Dibromofluoromethane	7.728	113	71288	53.990	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.980%			
50) Toluene-d8	10.185	98	302396	54.025	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.040%			
62) 4-Bromofluorobenzene	12.483	95	93362	49.515	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.040%			
Target Compounds						Qvalue
10) Methyl Iodide	4.125	142	630	5.472	ug/l #	68
11) Tert butyl alcohol	4.936	59	609	3.908	ug/l #	72
16) Acetone	3.966	43	923	1.869	ug/l #	82
20) Methylene Chloride	4.728	84	8492	1.643	ug/l	95
31) Cyclohexane	7.801	56	3375	1.215	ug/l #	12
36) 1,1-Dichloropropene	7.801	75	11794	5.039	ug/l #	49
38) Carbon Tetrachloride	7.795	117	14284	5.532	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	54243	59.797	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54243	122.761	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.007	180	1755	1.041	ug/l	96
95) Naphthalene	15.239	128	3663	1.110	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	1769	1.198	ug/l	99

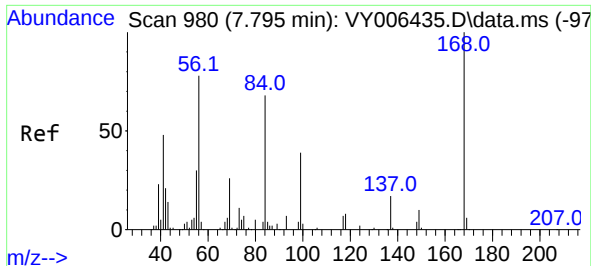
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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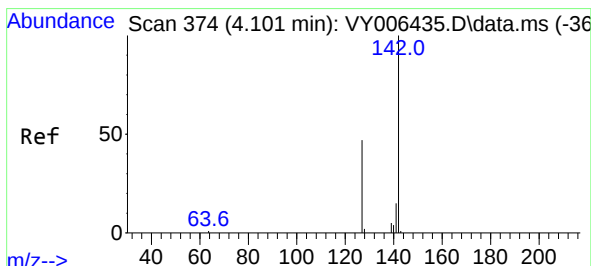
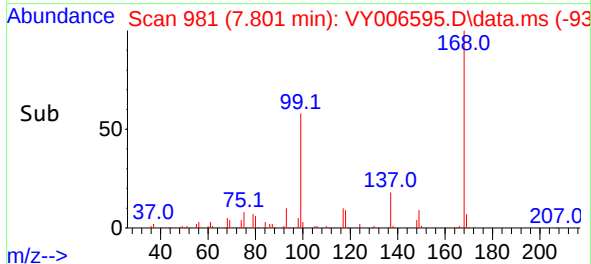
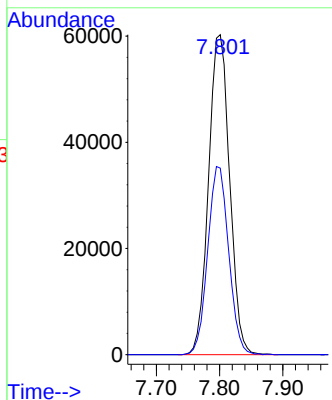
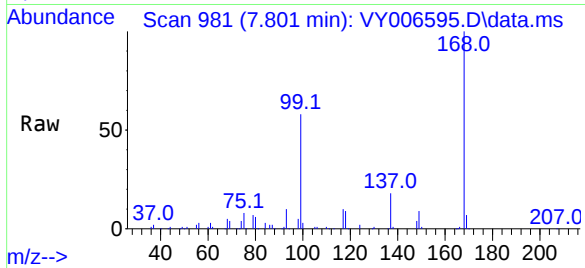




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

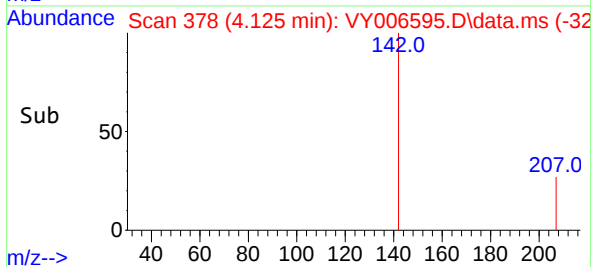
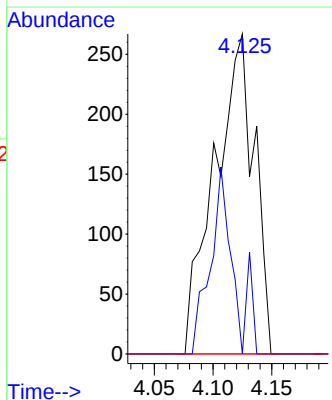
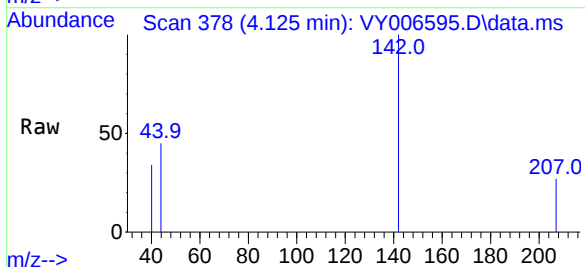
Instrument :
MSVOA_Y
ClientSampleId :

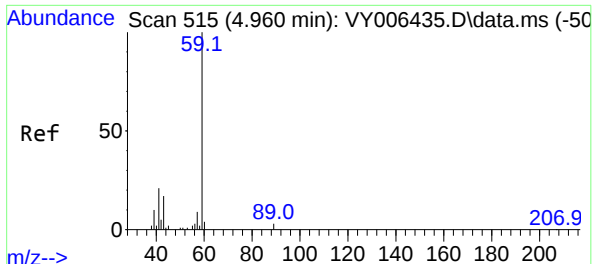
Tgt Ion:168 Resp: 139388
Ion Ratio Lower Upper
168 100
99 58.3 44.8 67.2



#10
Methyl Iodide
Concen: 5.472 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.024 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

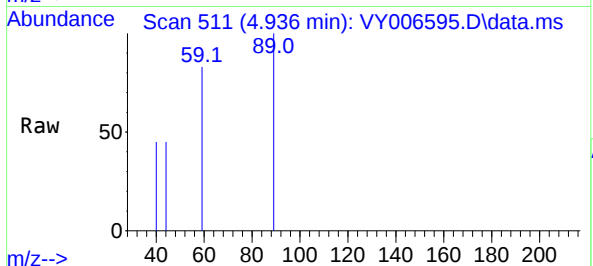
Tgt Ion:142 Resp: 630
Ion Ratio Lower Upper
142 100
127 29.2 40.1 60.1#
141 0.0 12.5 18.7#



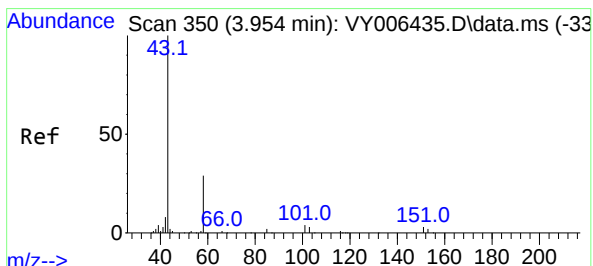
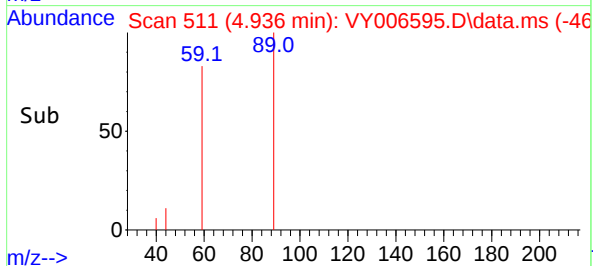
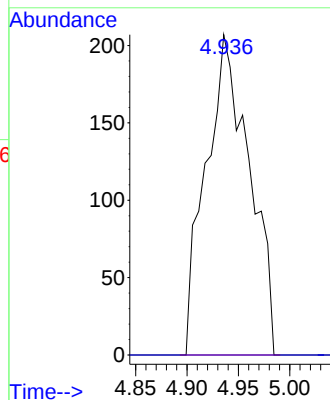


#11
Tert butyl alcohol
Concen: 3.908 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

Instrument :
MSVOA_Y
ClientSampleId :

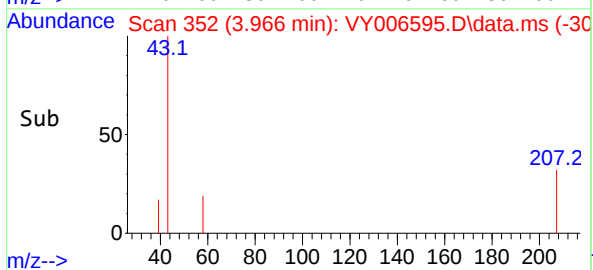
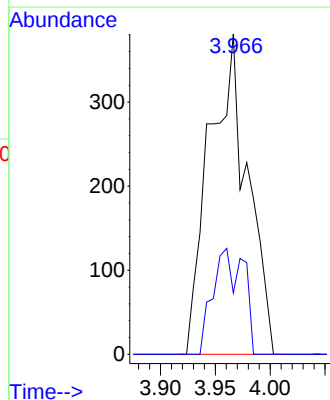
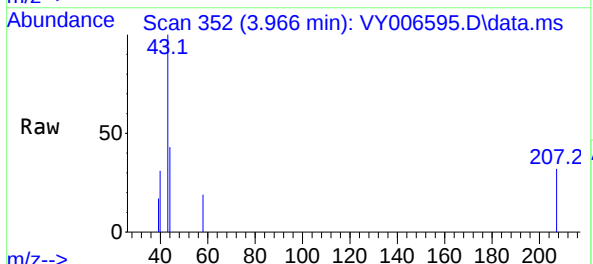


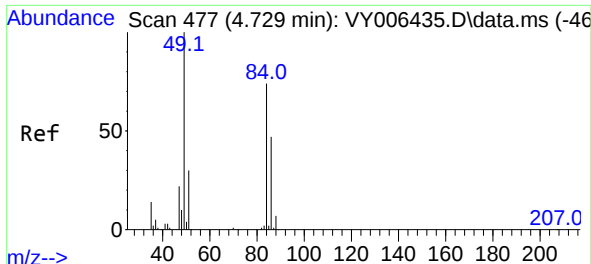
Tgt Ion: 59 Resp: 609
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 1.869 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

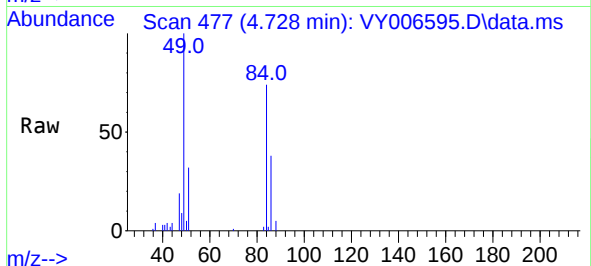
Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 19.2 22.9 34.3#





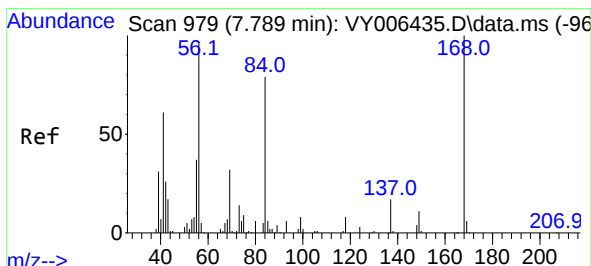
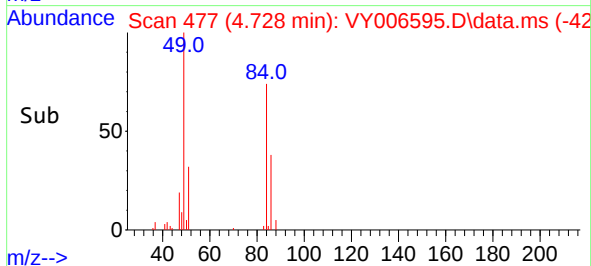
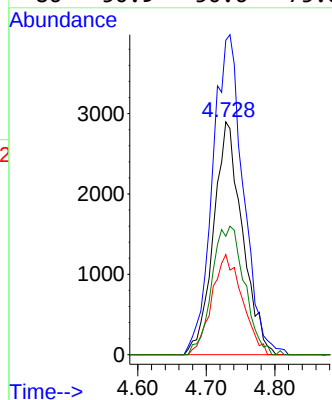
#20
Methylene Chloride
Concen: 1.643 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 8492

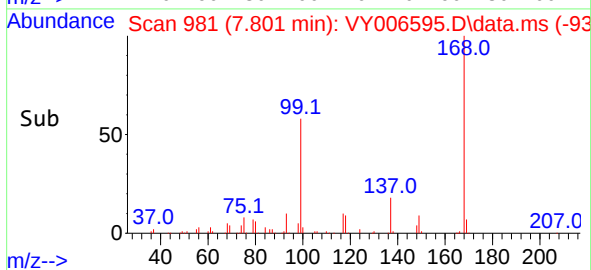
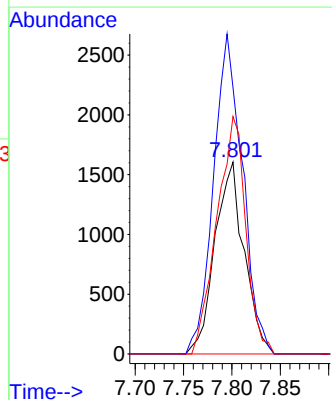
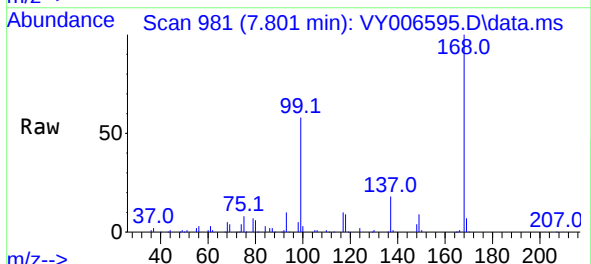
Ion	Ratio	Lower	Upper
84	100		
49	135.0	107.8	161.8
51	43.0	32.8	49.2
86	50.9	50.6	75.8

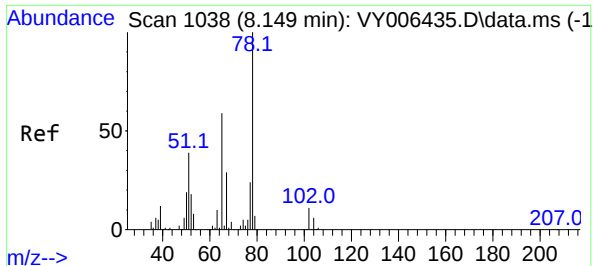


#31
Cyclohexane
Concen: 1.215 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

Tgt Ion: 56 Resp: 3375

Ion	Ratio	Lower	Upper
56	100		
69	138.9	26.6	40.0#
84	123.8	65.0	97.4#





#33

1,2-Dichloroethane-d4

Concen: 57.647 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY006595.D

Acq: 03 Nov 2021 12:16

Instrument :

MSVOA_Y

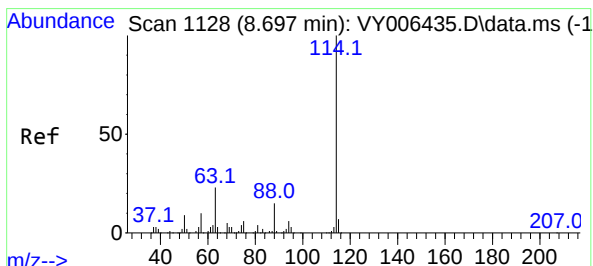
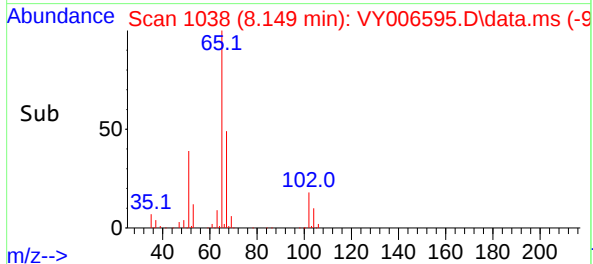
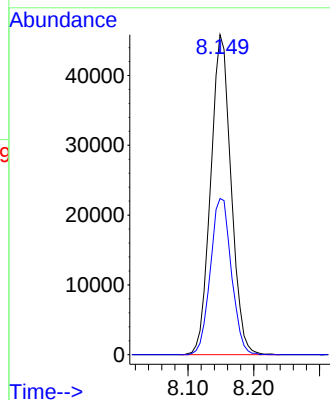
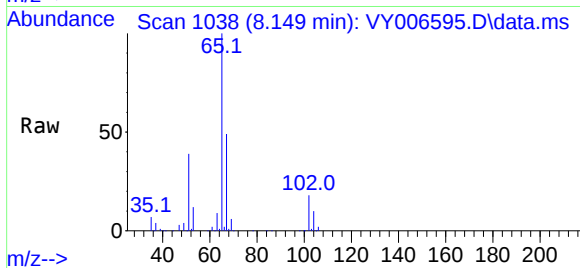
ClientSampleId :

Tgt Ion: 65 Resp: 98880

Ion Ratio Lower Upper

65 100

67 50.2 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006595.D

Acq: 03 Nov 2021 12:16

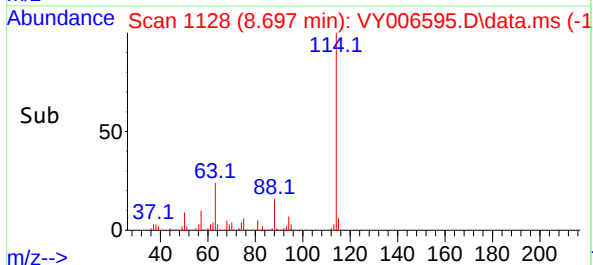
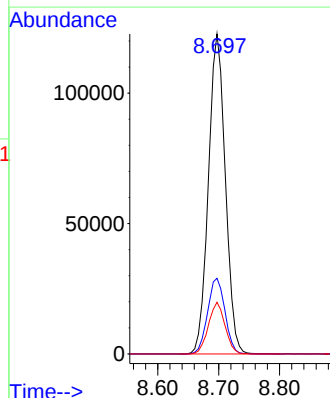
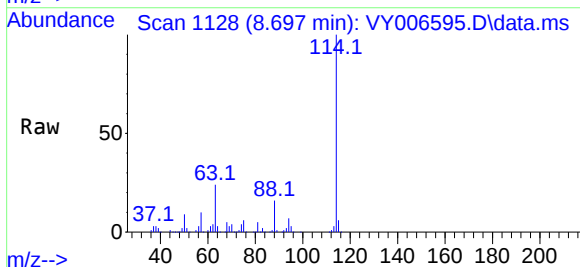
Tgt Ion: 114 Resp: 236897

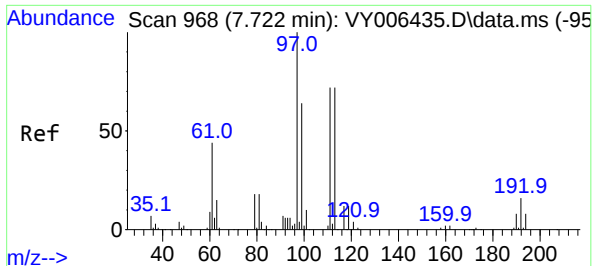
Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

88 16.2 0.0 30.6

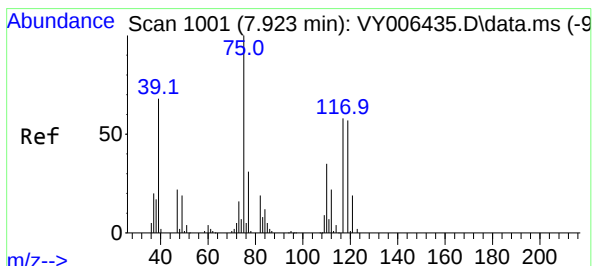
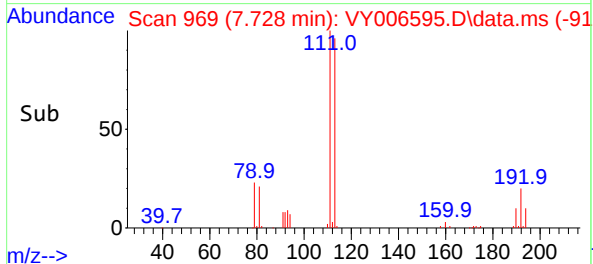
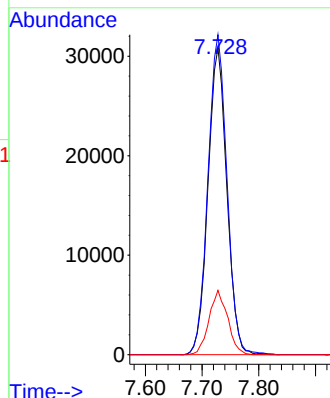
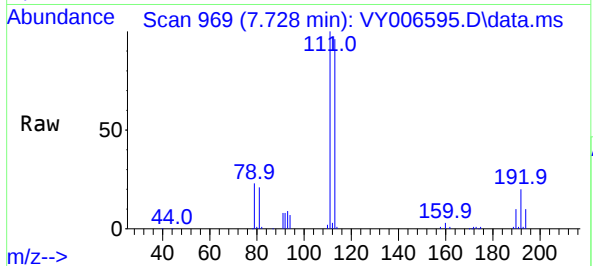




#35
Dibromofluoromethane
Concen: 53.990 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

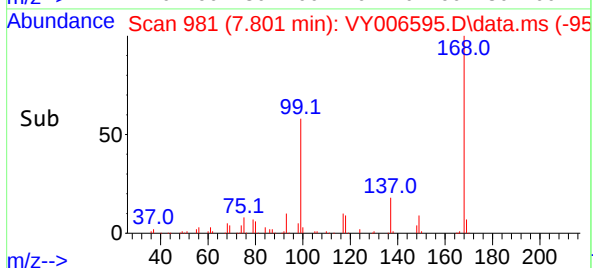
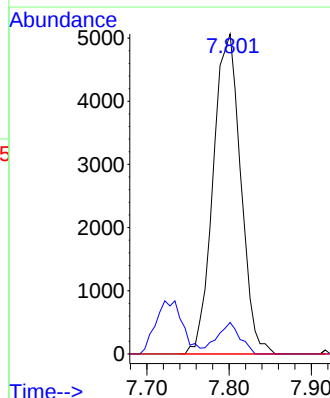
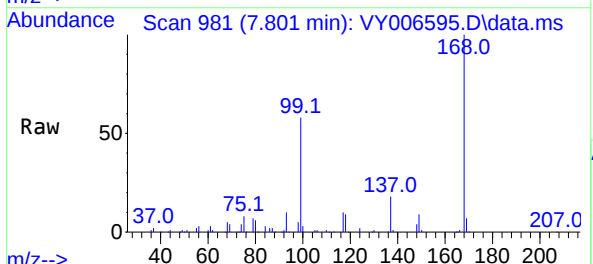
Instrument :
MSVOA_Y
ClientSampleId :

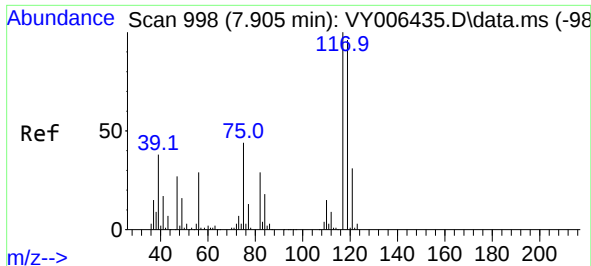
Tgt Ion:113 Resp: 71288
Ion Ratio Lower Upper
113 100
111 105.1 82.3 123.5
192 20.7 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.039 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

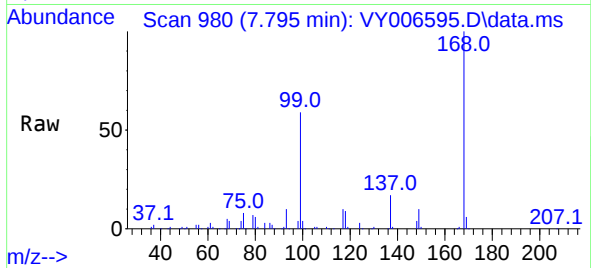
Tgt Ion: 75 Resp: 11794
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.3#
77 0.0 24.9 37.3#



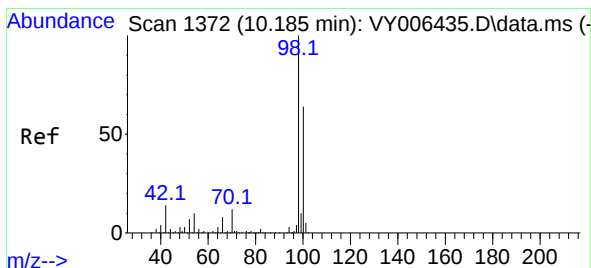
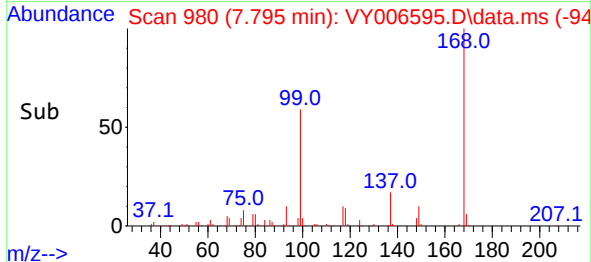
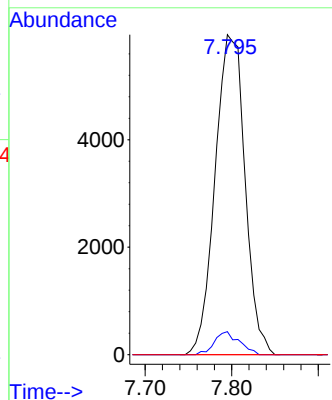


#38
Carbon Tetrachloride
Concen: 5.532 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

Instrument :
MSVOA_Y
ClientSampleId :

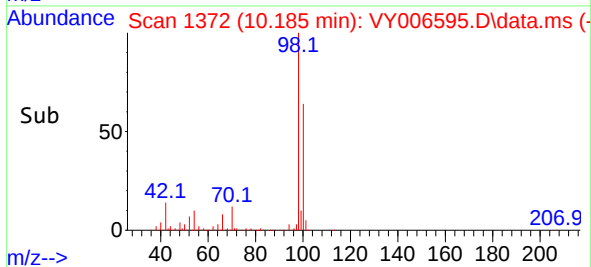
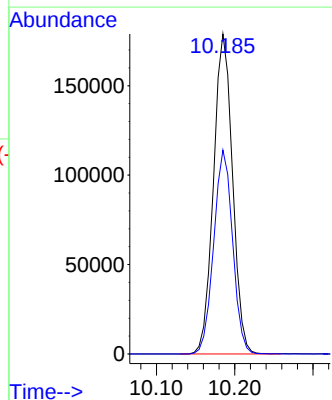
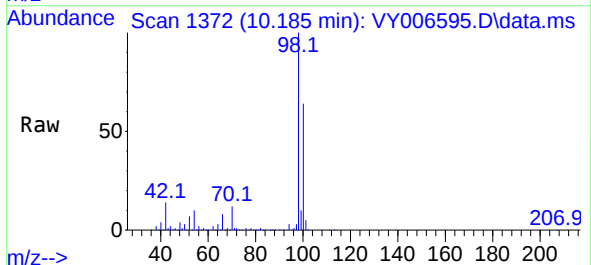


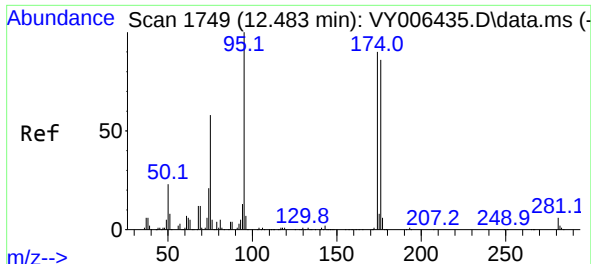
Tgt Ion:117 Resp: 14284
Ion Ratio Lower Upper
117 100
119 7.2 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.025 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

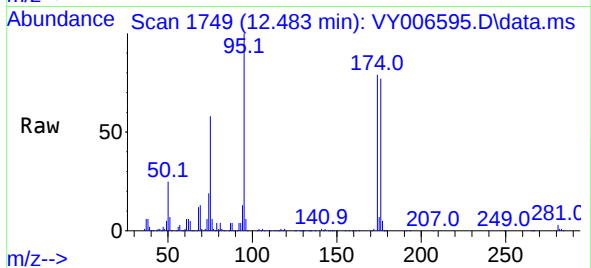
Tgt Ion: 98 Resp: 302396
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



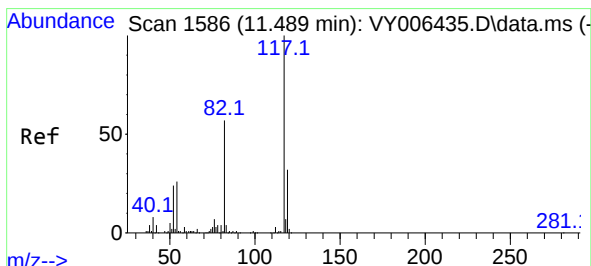
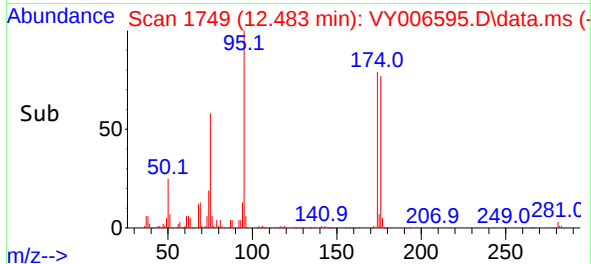
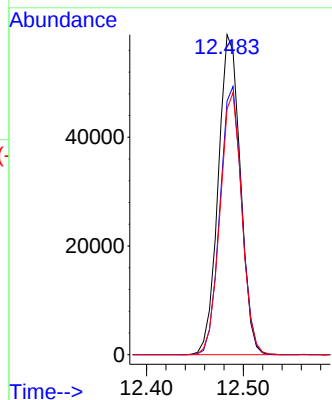


#62
4-Bromofluorobenzene
Concen: 49.515 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

Instrument :
MSVOA_Y
ClientSampleId :

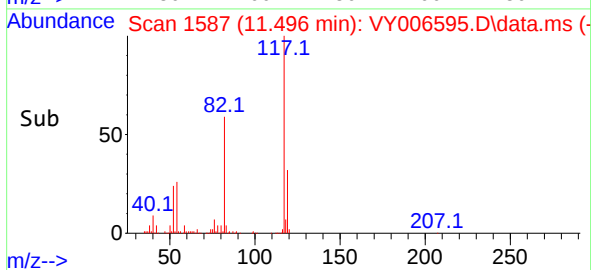
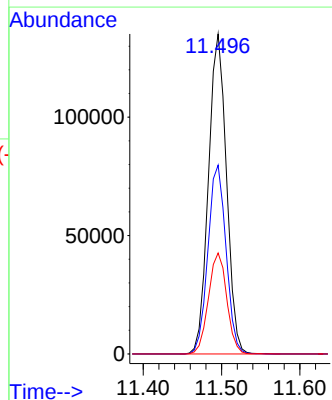
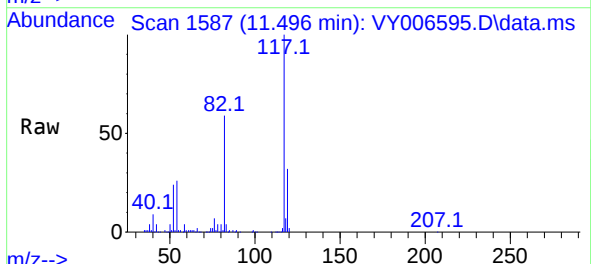


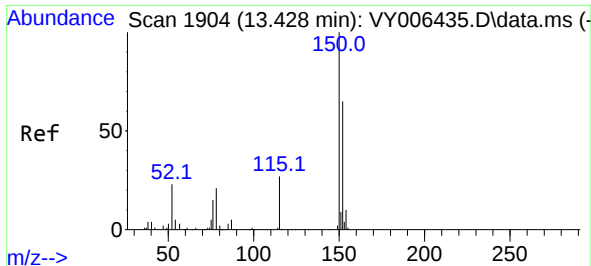
Tgt Ion: 95 Resp: 93362
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 80.8 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

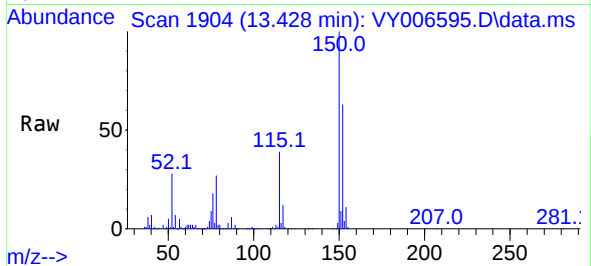
Tgt Ion: 117 Resp: 215467
Ion Ratio Lower Upper
117 100
82 59.0 45.7 68.5
119 31.6 25.5 38.3



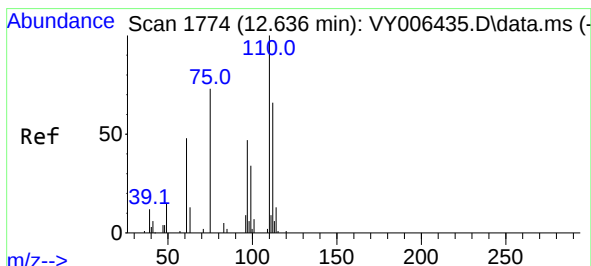
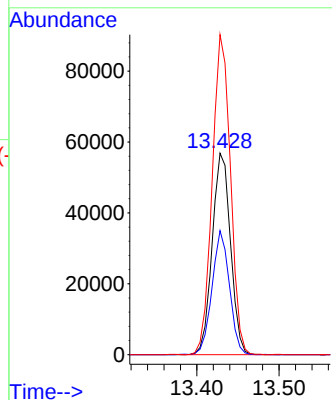
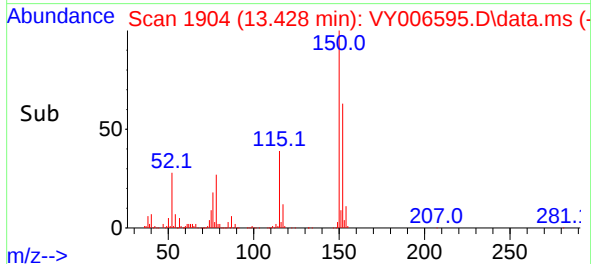


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006595.D
 Acq: 03 Nov 2021 12:16

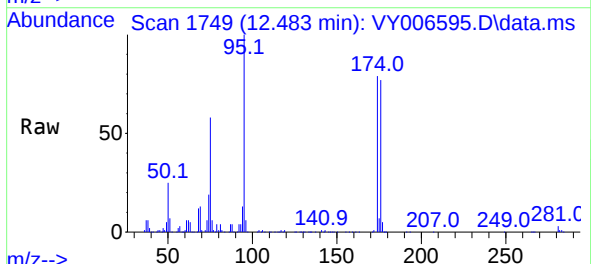
Instrument :
 MSVOA_Y
 ClientSampleId :



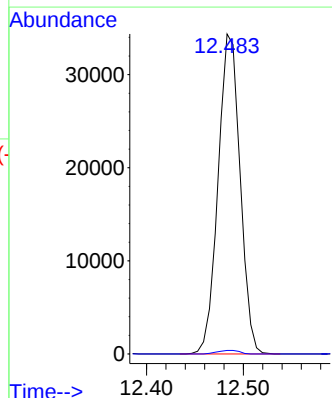
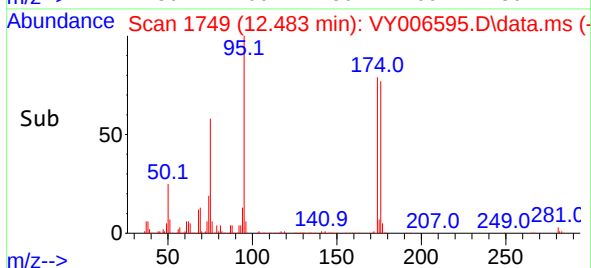
Tgt Ion:152 Resp: 88029
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.5 85.5
 150 157.8 0.0 348.2

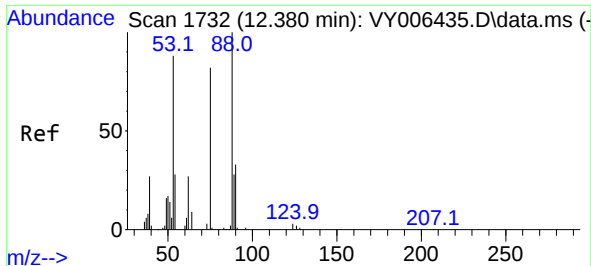


#76
 1,2,3-Trichloropropane
 Concen: 59.797 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006595.D
 Acq: 03 Nov 2021 12:16



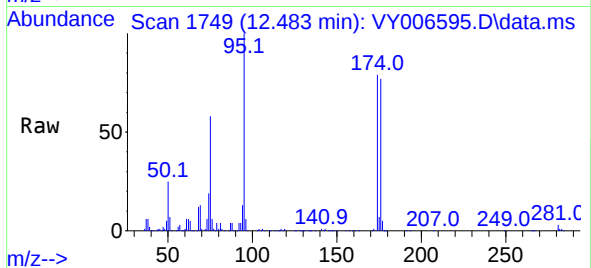
Tgt Ion: 75 Resp: 54243
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



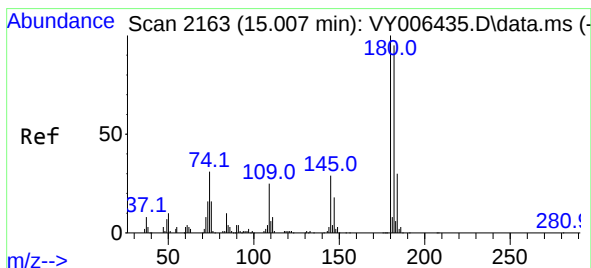
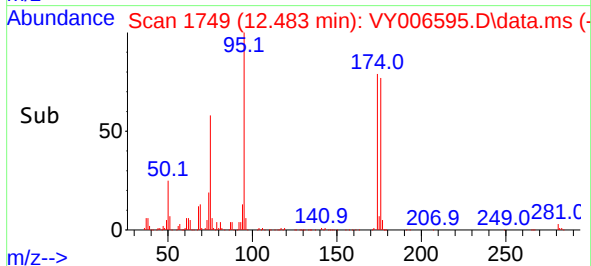
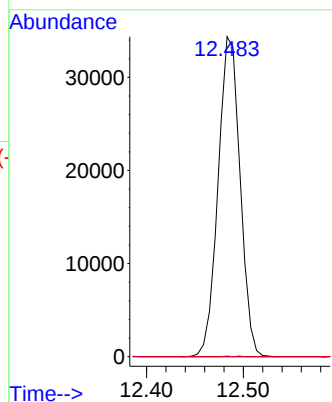


#81
trans-1,4-Dichloro-2-butene
Concen: 122.761 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

Instrument :
MSVOA_Y
ClientSampleId :

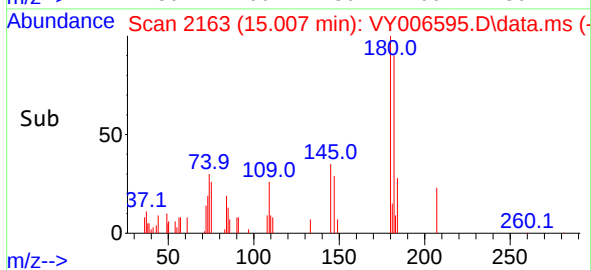
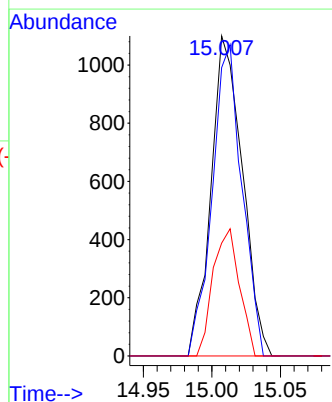
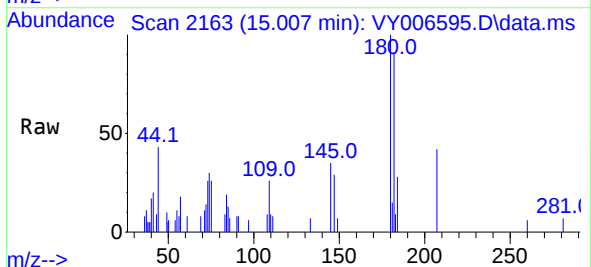


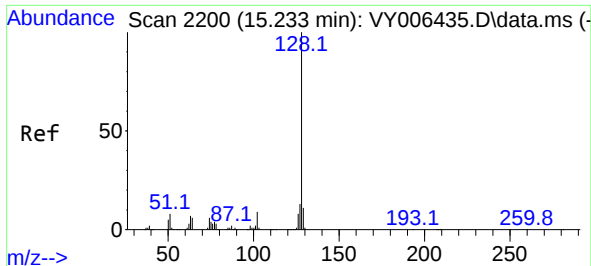
Tgt Ion: 75 Resp: 54243
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#



#93
1,2,4-Trichlorobenzene
Concen: 1.041 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

Tgt Ion:180 Resp: 1755
Ion Ratio Lower Upper
180 100
182 91.8 47.1 141.4
145 33.3 14.5 43.6

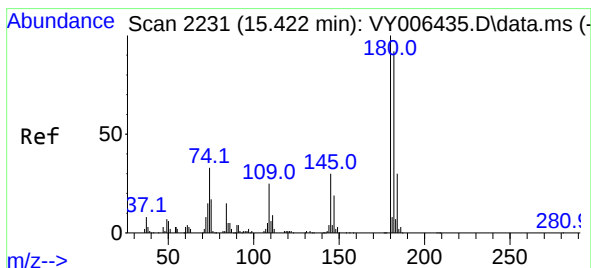
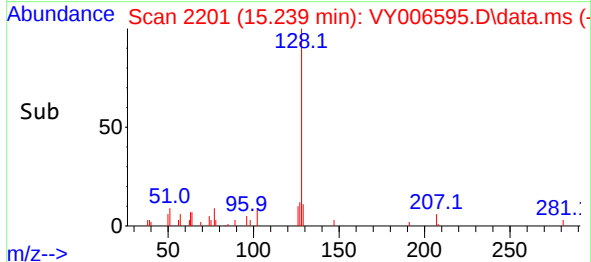
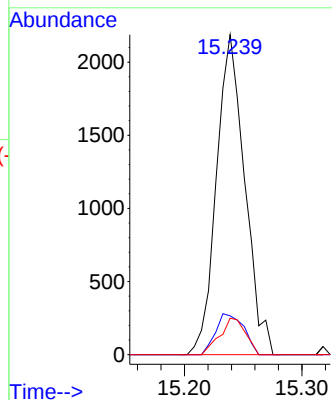
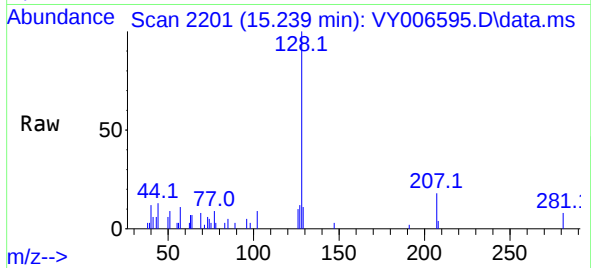




#95
Naphthalene
Concen: 1.110 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128	Resp:	3663
Ion	Ratio	Lower Upper
128	100	
127	12.7	11.0 16.4
129	10.3	8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 1.198 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY006595.D
Acq: 03 Nov 2021 12:16

Tgt Ion:180	Resp:	1769
Ion	Ratio	Lower Upper
180	100	
182	95.9	47.8 143.4
145	31.7	15.3 45.8

