

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006455.D
 Acq On : 25 Oct 2021 10:25
 Operator : SY/MD
 Sample : VY1025SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 02:40:43 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)

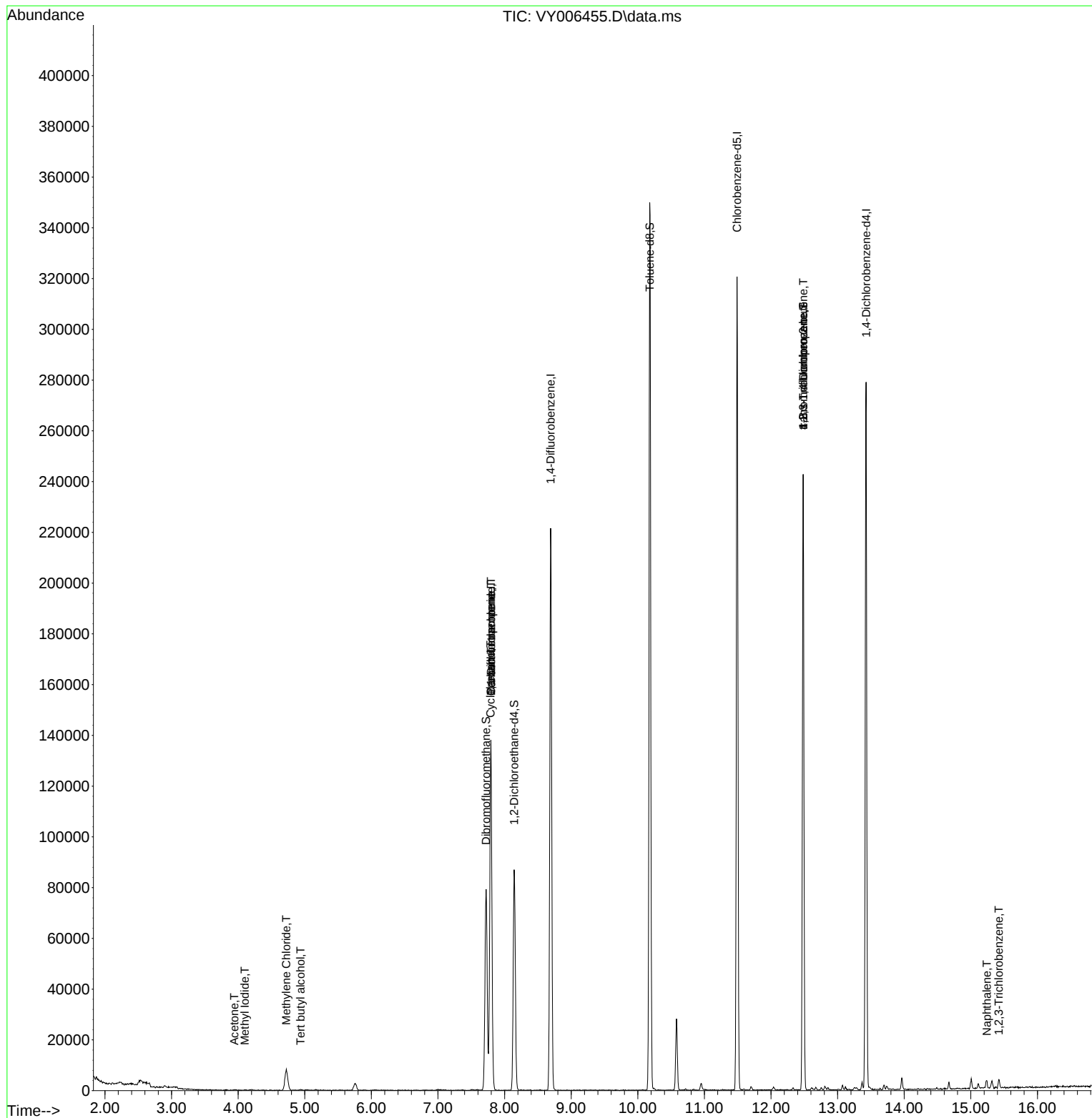
Internal Standards						
1) Pentafluorobenzene	7.795	168	104230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	178310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	162067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72529	56.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.100%	
35) Dibromofluoromethane	7.722	113	52564	52.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.780%	
50) Toluene-d8	10.178	98	222822	52.888	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	12.483	95	65283	45.999	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.000%	
Target Compounds						Qvalue
10) Methyl Iodide	4.100	142	168	5.207	ug/l #	49
11) Tert butyl alcohol	4.935	59	150	1.287	ug/l #	72
16) Acetone	3.942	43	434	1.175	ug/l #	46
20) Methylene Chloride	4.722	84	5715	1.040	ug/l #	85
31) Cyclohexane	7.789	56	2468	1.189	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	8594	4.878	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10101	5.197	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	38498	54.945	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38498	112.801	ug/l #	7
95) Naphthalene	15.238	128	2828	1.109	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	1189	1.043	ug/l	89

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

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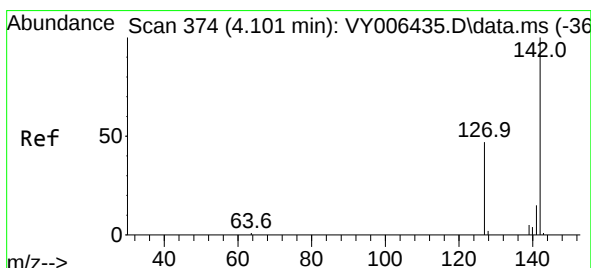
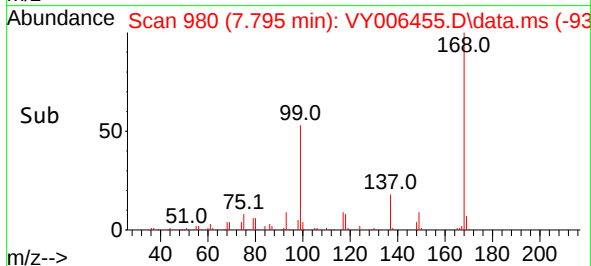
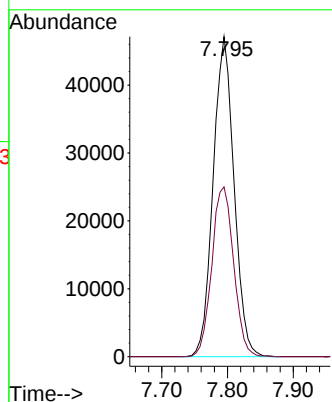
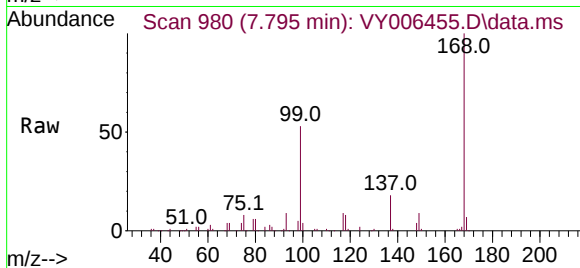




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25

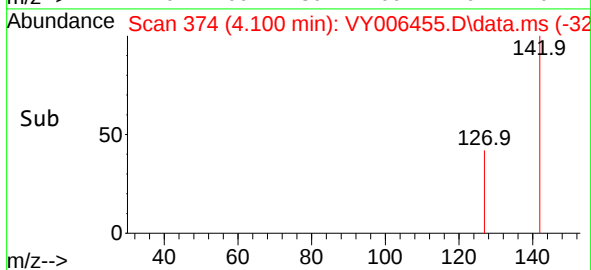
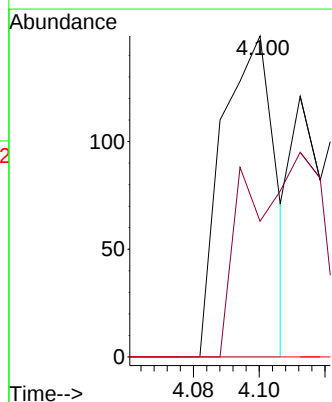
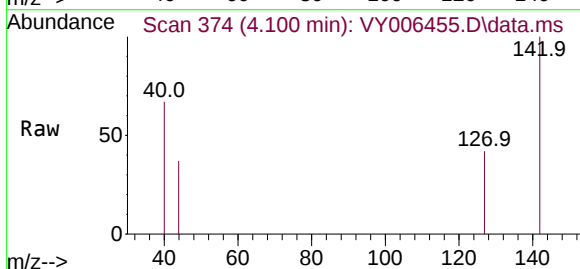
Instrument :
MSVOA_Y
ClientSampleId :

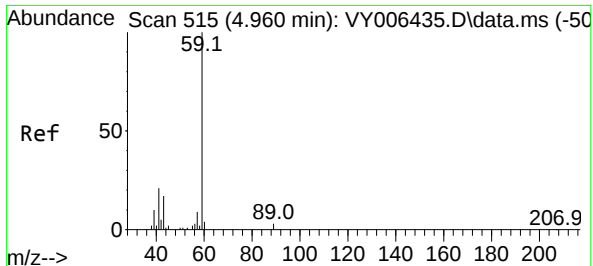
Tgt Ion:168 Resp: 104230
Ion Ratio Lower Upper
168 100
99 53.0 44.8 67.2



#10
Methyl Iodide
Concen: 5.207 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.001 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25

Tgt Ion:142 Resp: 168
Ion Ratio Lower Upper
142 100
127 88.1 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 1.287 ug/l

RT: 4.935 min Scan# 511

Delta R.T. -0.025 min

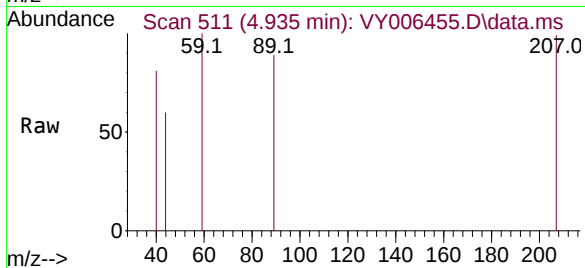
Lab File: VY006455.D

Acq: 25 Oct 2021 10:25

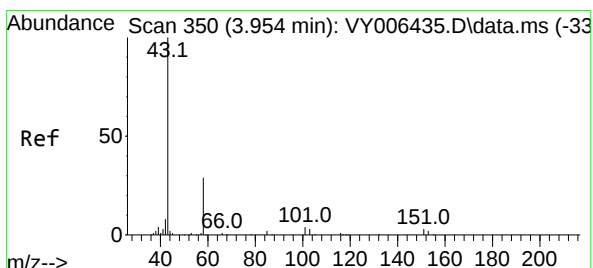
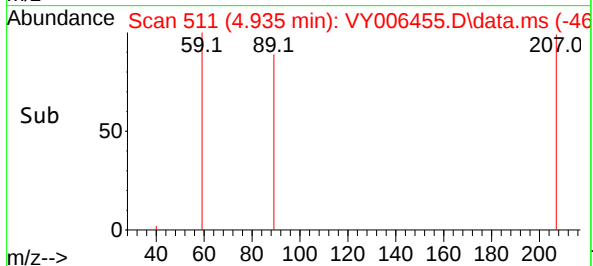
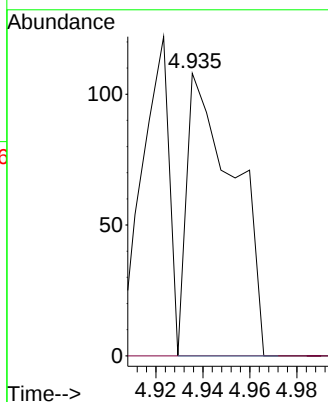
Instrument :

MSVOA_Y

ClientSampled :



Tgt Ion:	59	Resp:	150
Ion Ratio	100	Lower	Upper
57	0.0	8.2	12.4#



#16

Acetone

Concen: 1.175 ug/l

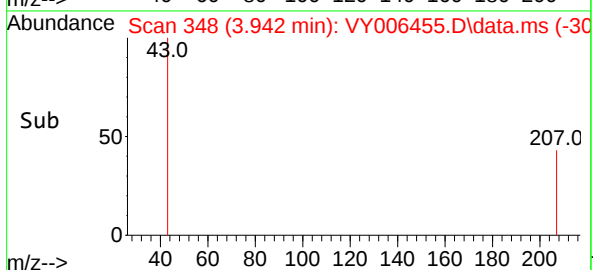
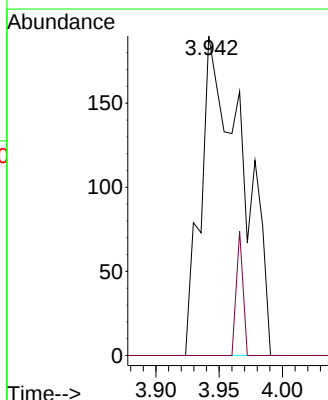
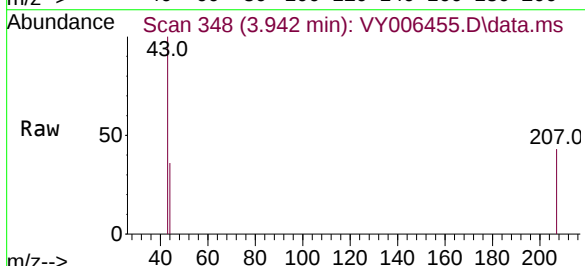
RT: 3.942 min Scan# 348

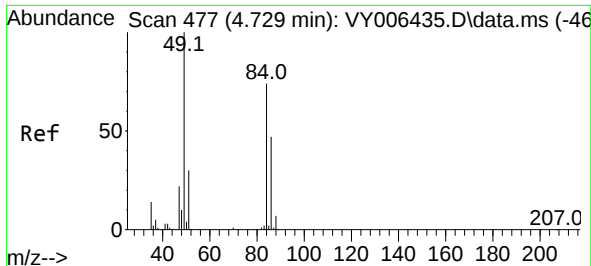
Delta R.T. -0.013 min

Lab File: VY006455.D

Acq: 25 Oct 2021 10:25

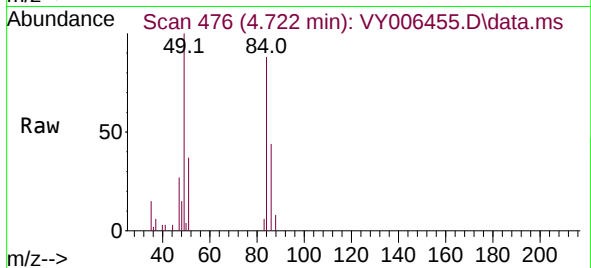
Tgt Ion:	43	Resp:	434
Ion Ratio	100	Lower	Upper
58	0.0	22.9	34.3#



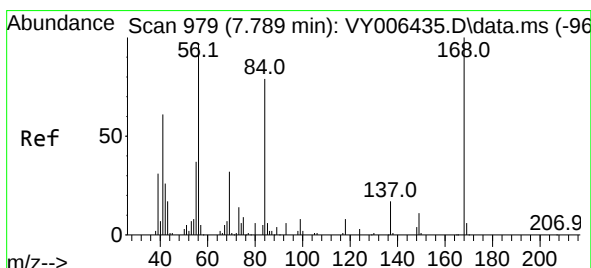
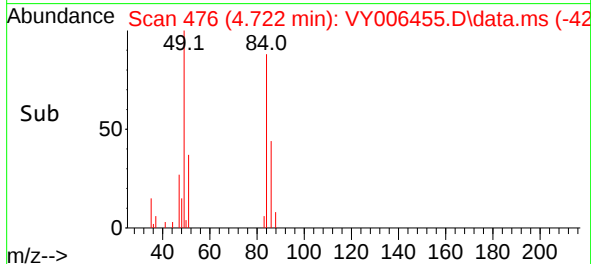
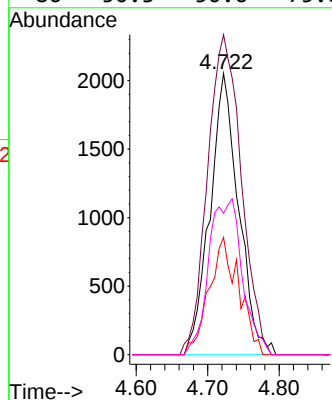


#20
Methylene Chloride
Concen: 1.040 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25

Instrument :
MSVOA_Y
ClientSampleId :

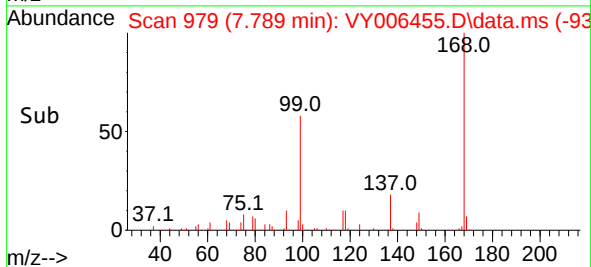
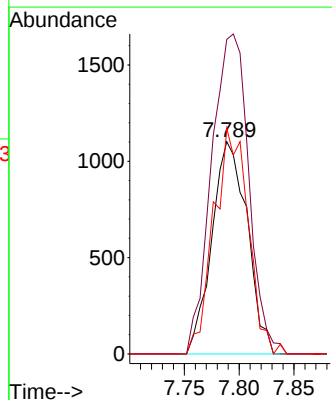
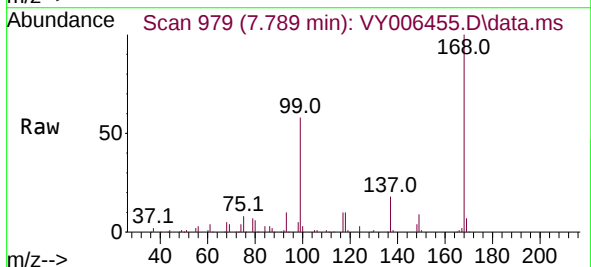


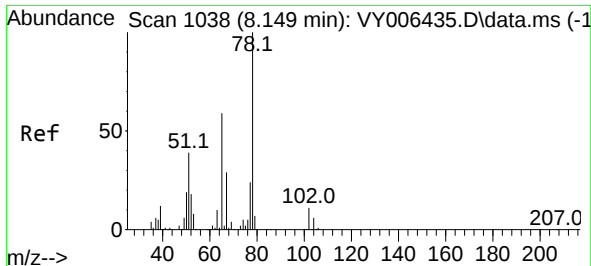
Tgt Ion:	84	Resp:	5715
Ion	Ratio	Lower	Upper
84	100		
49	113.8	107.8	161.8
51	41.7	32.8	49.2
86	50.3	50.6	75.8#



#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25

Tgt Ion:	56	Resp:	2468
Ion	Ratio	Lower	Upper
56	100		
69	148.2	26.6	40.0#
84	106.4	65.0	97.4#

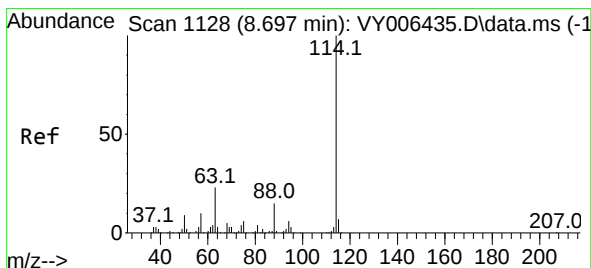
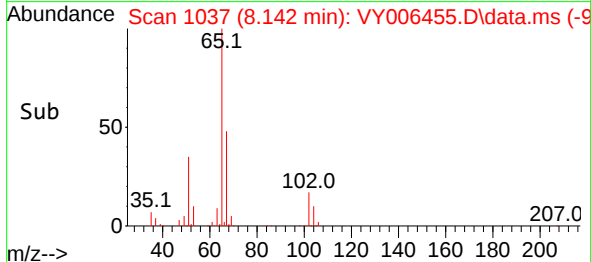
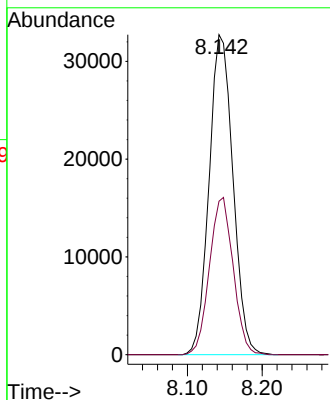
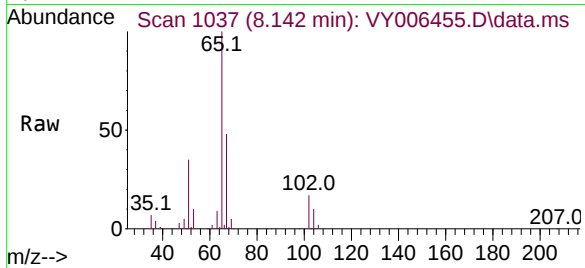




#33
1,2-Dichloroethane-d4
Concen: 56.548 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25

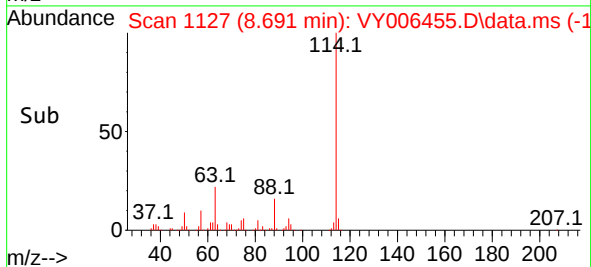
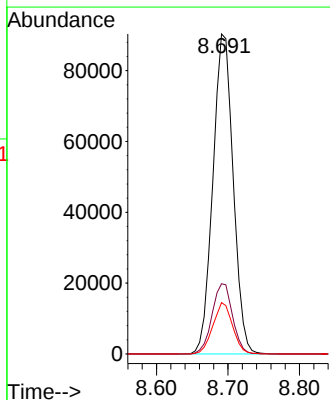
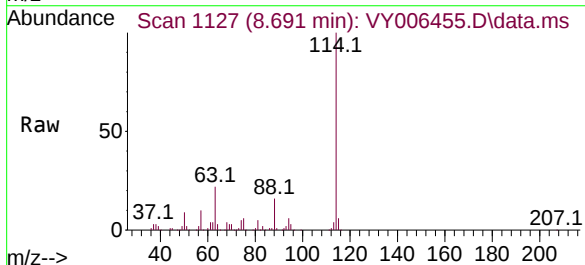
Instrument :
MSVOA_Y
ClientSampleId :

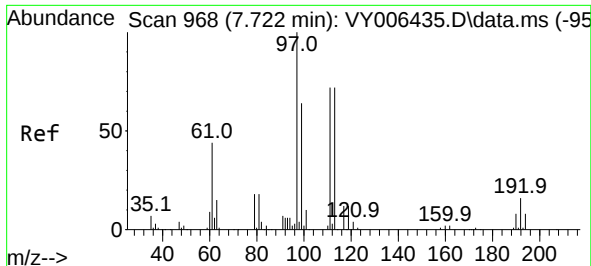
Tgt Ion: 65 Resp: 72529
Ion Ratio Lower Upper
65 100
67 48.8 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25

Tgt Ion: 114 Resp: 178310
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 16.0 0.0 30.6

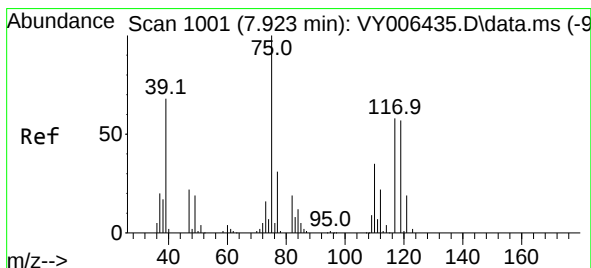
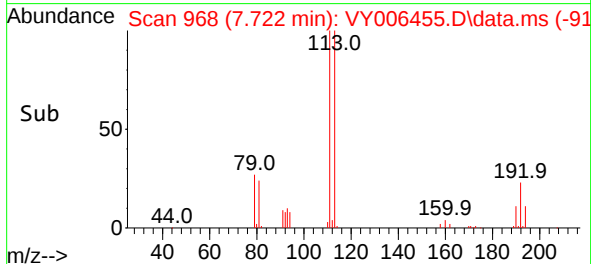
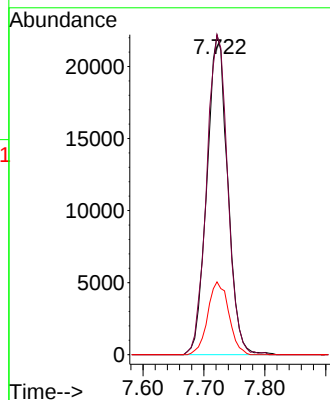
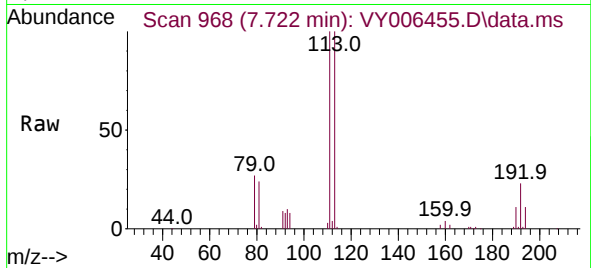




#35
Dibromofluoromethane
Concen: 52.889 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25

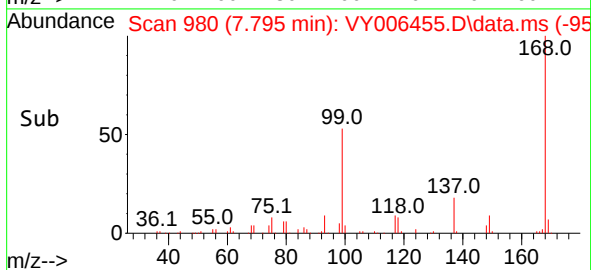
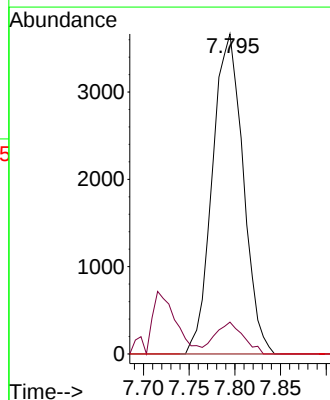
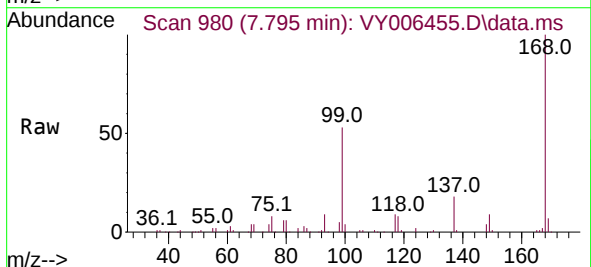
Instrument :
MSVOA_Y
ClientSampleId :

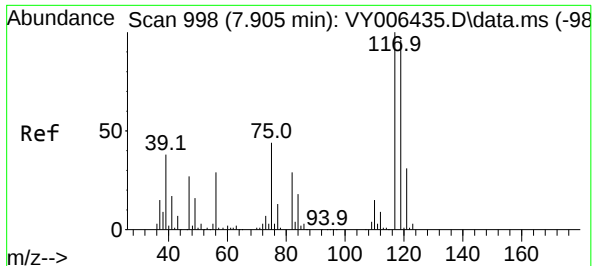
Tgt Ion:113 Resp: 52564
Ion Ratio Lower Upper
113 100
111 101.6 82.3 123.5
192 23.1 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.878 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25

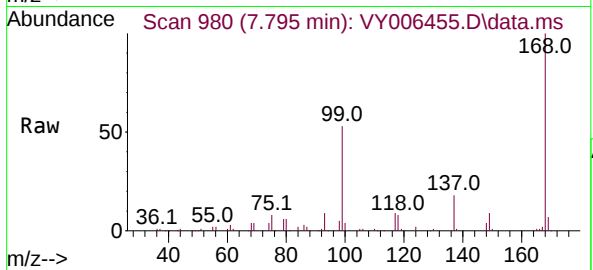
Tgt Ion: 75 Resp: 8594
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.3#
77 0.0 24.9 37.3#



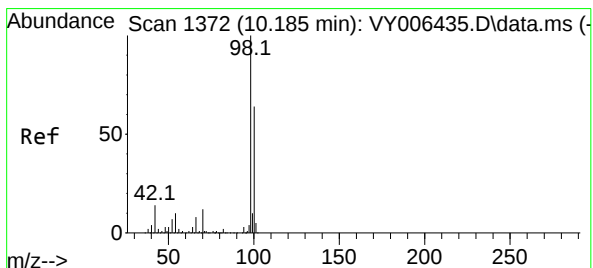
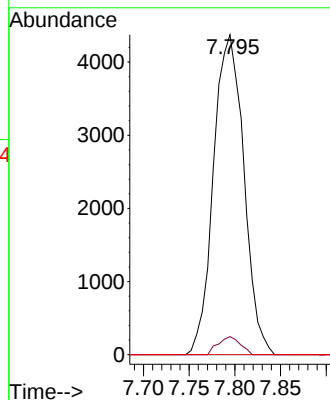
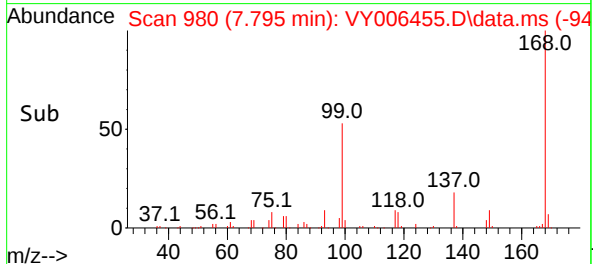


#38
Carbon Tetrachloride
Concen: 5.197 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25

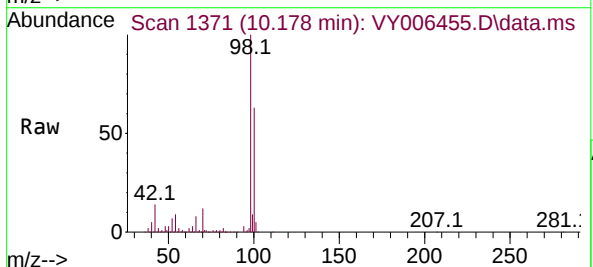
Instrument :
MSVOA_Y
ClientSampled :



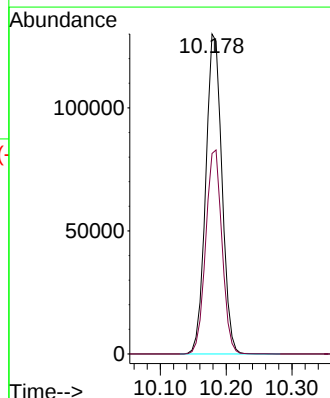
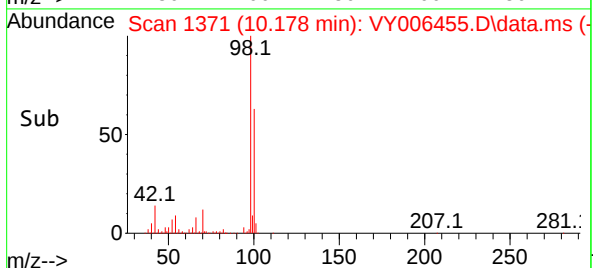
Tgt Ion:117 Resp: 10101
Ion Ratio Lower Upper
117 100
119 5.6 76.6 115.0#
121 0.0 24.7 37.1#

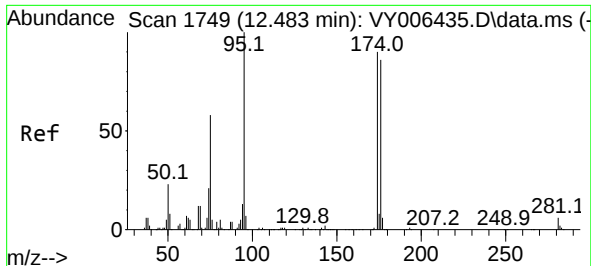


#50
Toluene-d8
Concen: 52.888 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25



Tgt Ion: 98 Resp: 222822
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

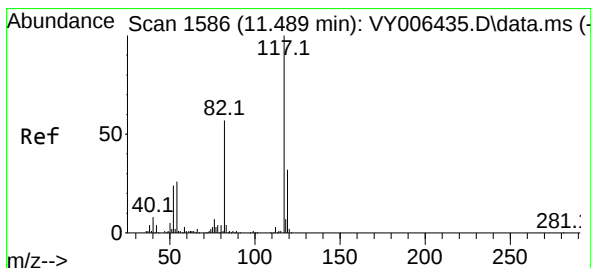
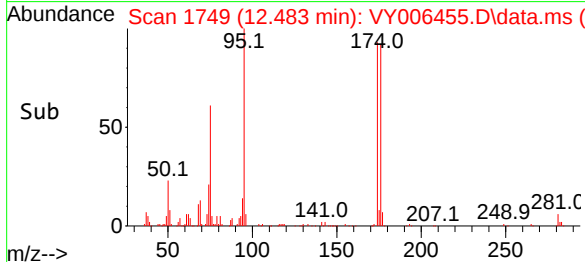
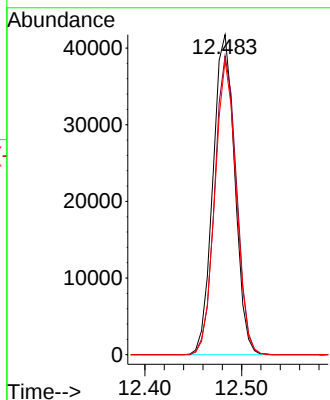
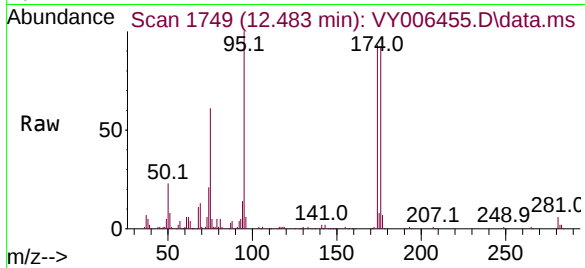




#62
4-Bromofluorobenzene
Concen: 45.999 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25

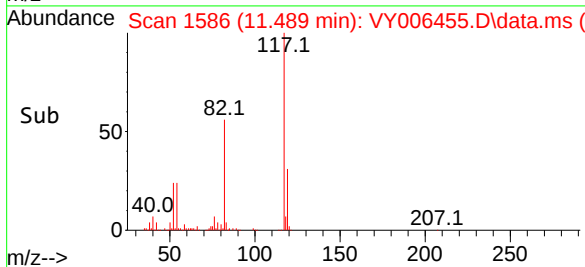
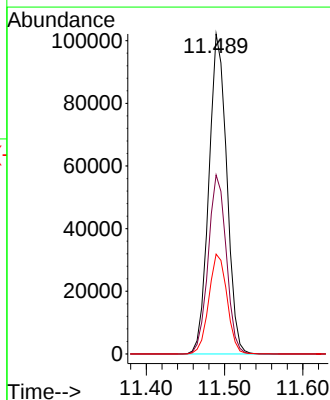
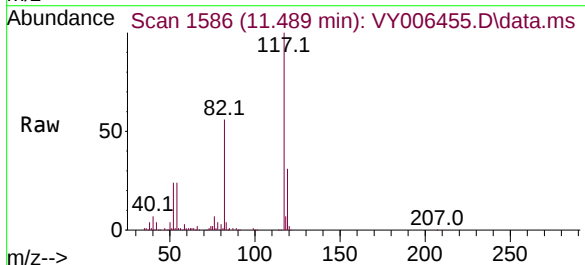
Instrument :
MSVOA_Y
ClientSampleId :

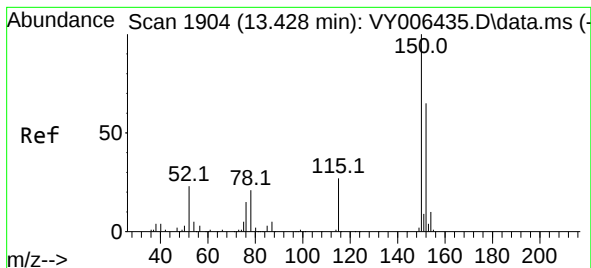
Tgt Ion: 95 Resp: 65283
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 89.8 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25

Tgt Ion: 117 Resp: 162067
Ion Ratio Lower Upper
117 100
82 56.0 45.7 68.5
119 31.2 25.5 38.3

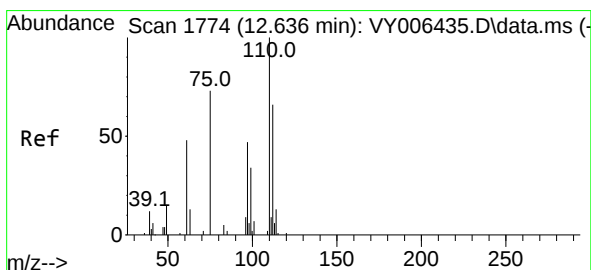
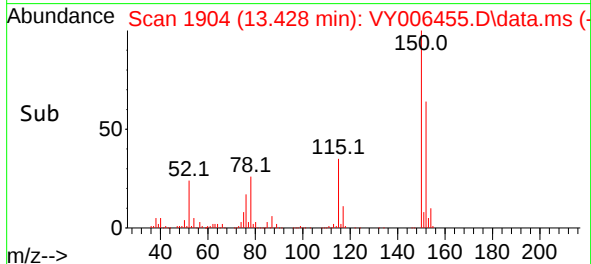
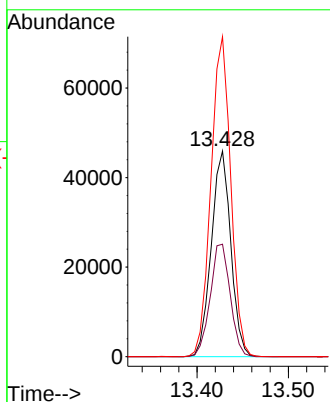
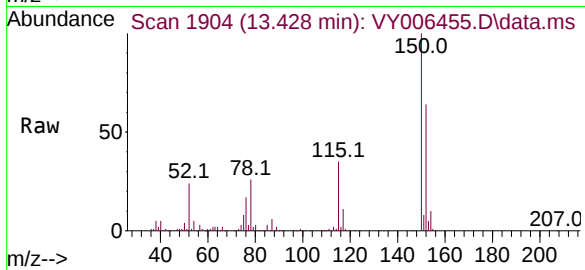




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25

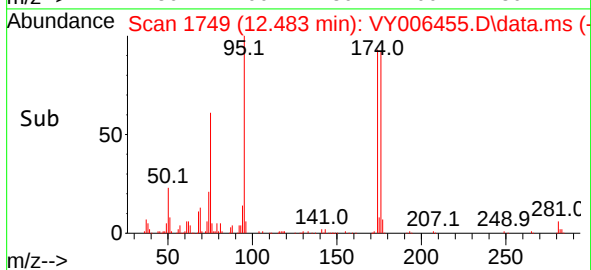
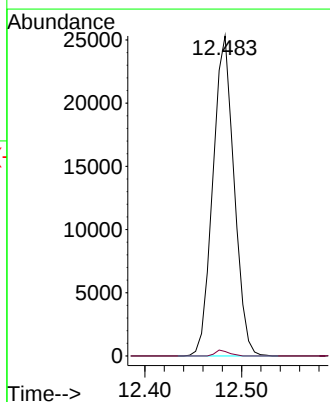
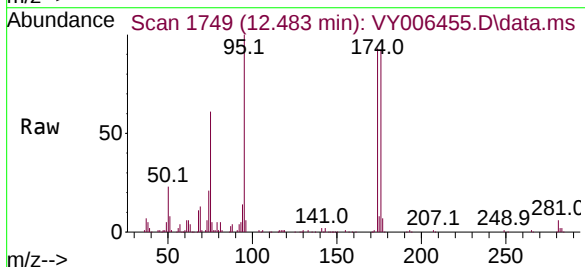
Instrument :
MSVOA_Y
ClientSampleId :

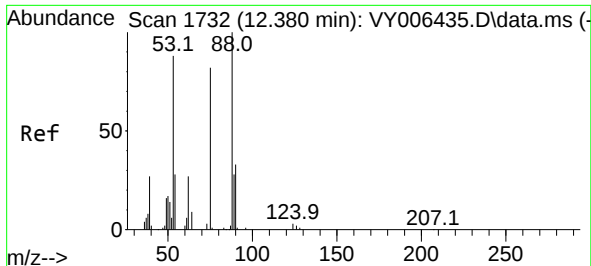
Tgt Ion:152 Resp: 67994
Ion Ratio Lower Upper
152 100
115 56.2 28.5 85.5
150 157.9 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 54.945 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25

Tgt Ion: 75 Resp: 38498
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

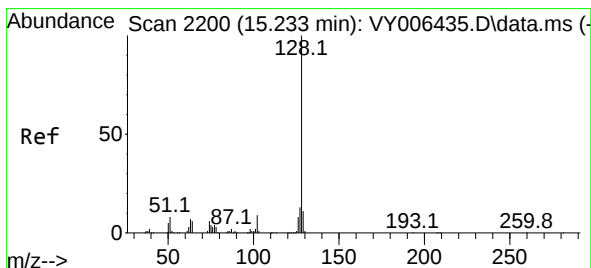
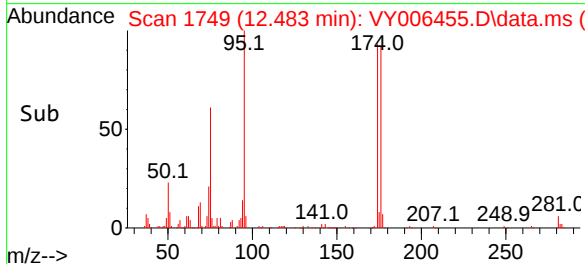
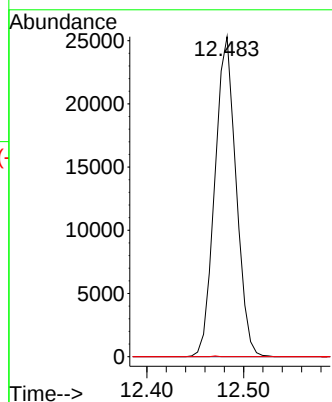
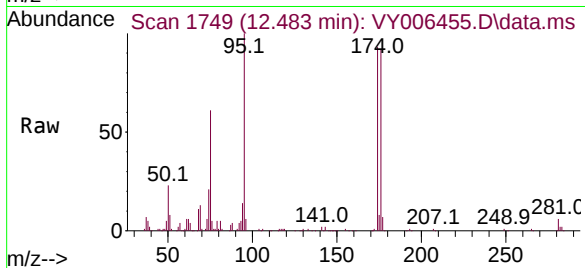




#81
trans-1,4-Dichloro-2-butene
Concen: 112.801 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25

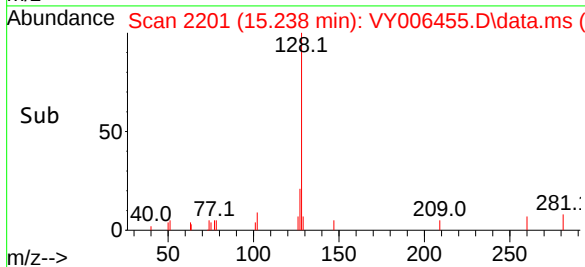
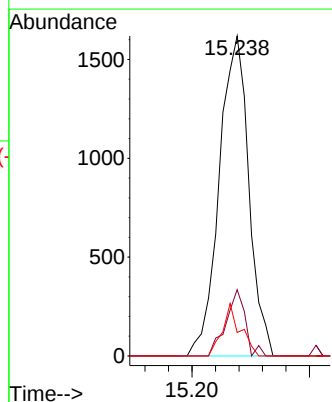
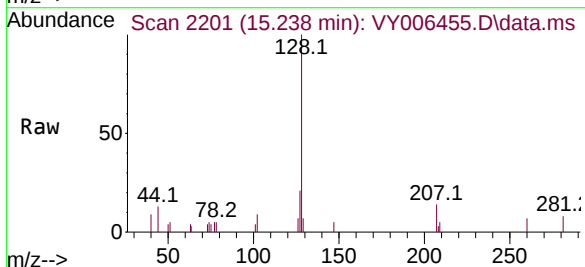
Instrument :
MSVOA_Y
ClientSampleId :

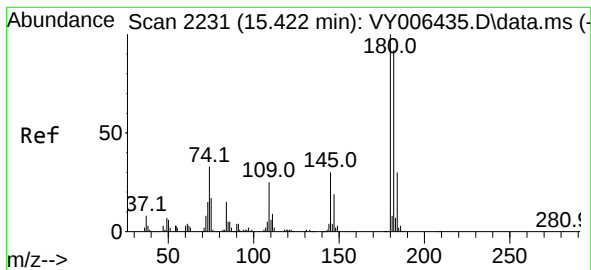
Tgt Ion: 75 Resp: 38498
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.1 39.3 58.9#



#95
Naphthalene
Concen: 1.109 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006455.D
Acq: 25 Oct 2021 10:25

Tgt Ion:128 Resp: 2828
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 9.9 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 1.043 ug/l
 RT: 15.421 min Scan# 2231
 Delta R.T. -0.000 min
 Lab File: VY006455.D
 Acq: 25 Oct 2021 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:180 Resp: 1189

Ion	Ratio	Lower	Upper
180	100		
182	107.0	47.8	143.4
145	34.2	15.3	45.8

