

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006581.D
 Acq On : 02 Nov 2021 17:01
 Operator : SY/MD
 Sample : M4424-10
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 01:51:12 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)

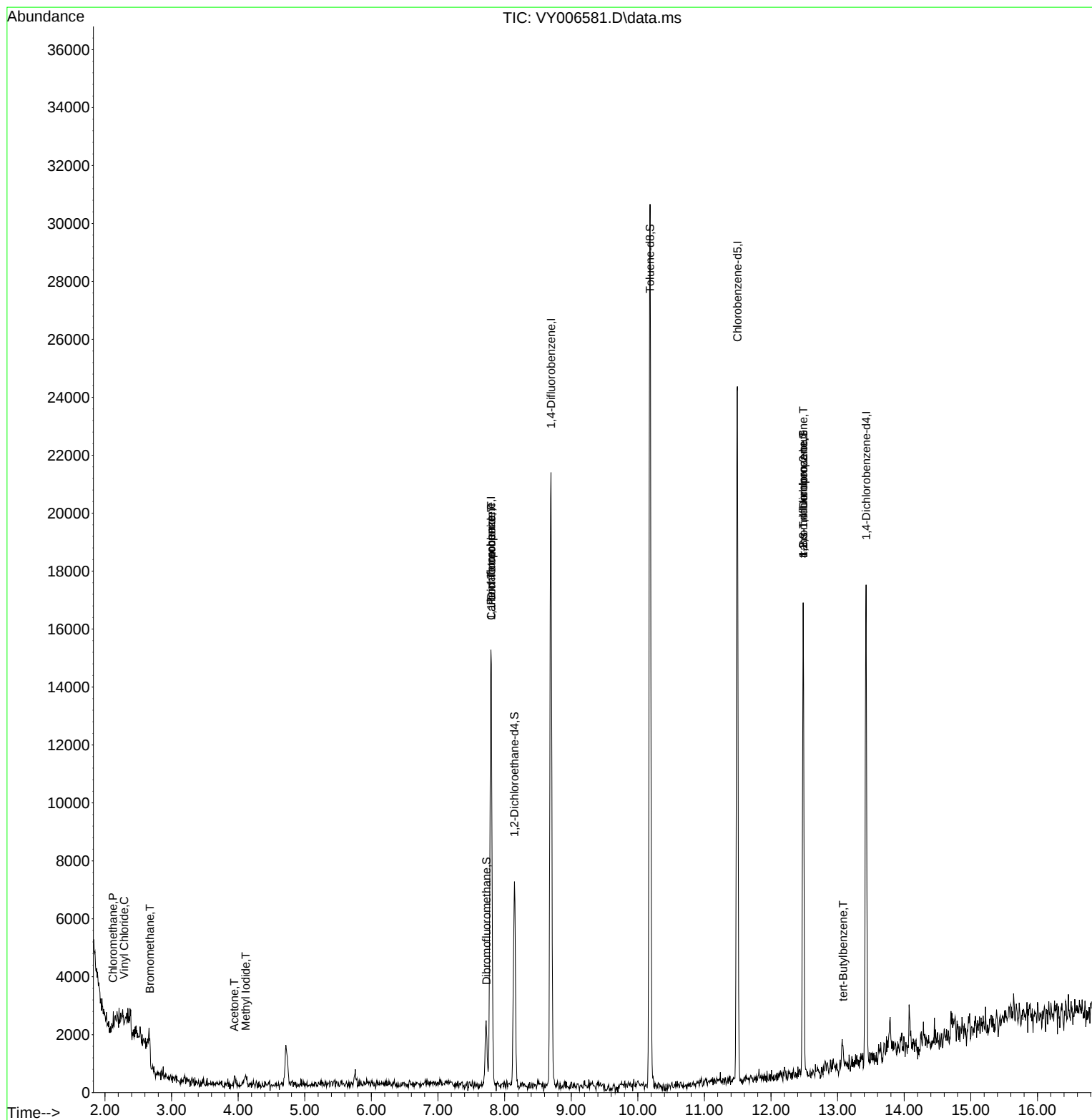
Internal Standards						
1) Pentafluorobenzene	7.795	168	12122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	17528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	12375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5768	38.668	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.340%		
35) Dibromofluoromethane	7.728	113	1562	15.988	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	31.980%#		
50) Toluene-d8	10.185	98	20210	48.799	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.600%		
62) 4-Bromofluorobenzene	12.483	95	4585	32.865	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	65.740%		
Target Compounds						Qvalue
3) Chloromethane	2.119	50	193	1.276	ug/l #	43
4) Vinyl Chloride	2.290	62	317	1.877	ug/l #	44
5) Bromomethane	2.674	94	165	1.466	ug/l #	76
10) Methyl Iodide	4.113	142	496	8.794	ug/l #	91
16) Acetone	3.942	43	373	8.684	ug/l #	46
20) Methylene Chloride	4.716	84	499	Below Cal		88
36) 1,1-Dichloropropene	7.801	75	946	5.462	ug/l #	42
38) Carbon Tetrachloride	7.801	117	1206	6.312	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2532	68.654	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2532	140.944	ug/l #	7
83) tert-Butylbenzene	13.081	119	479	2.659	ug/l	95

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

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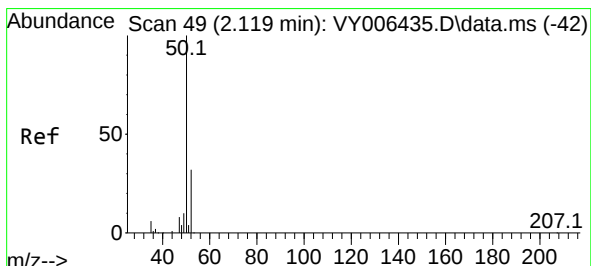
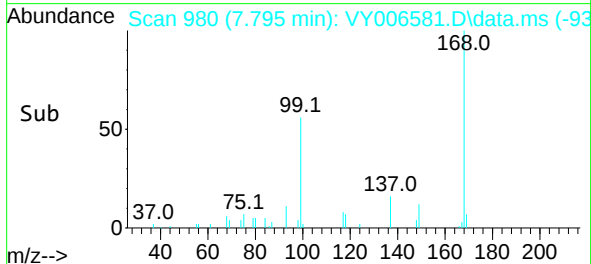
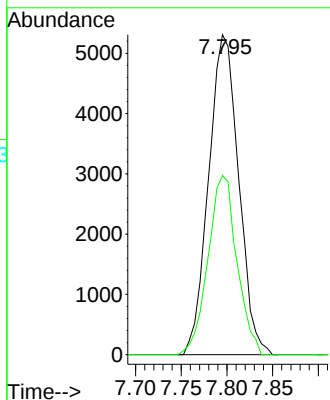
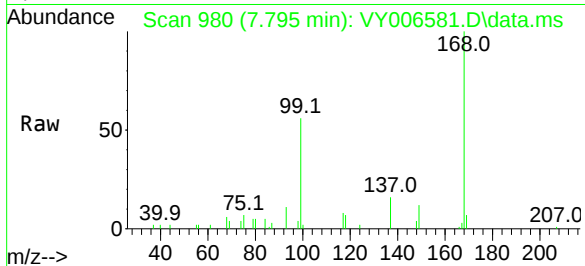




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.000 min
Lab File: VY006581.D
Acq: 02 Nov 2021 17:01

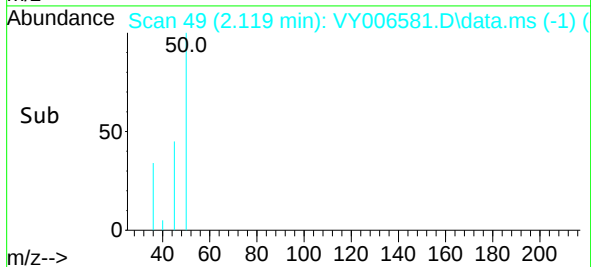
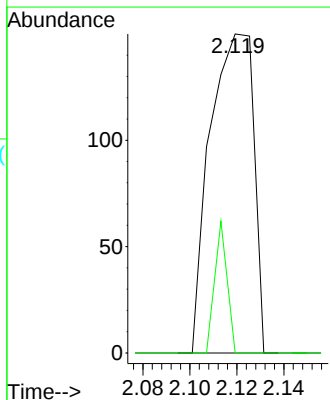
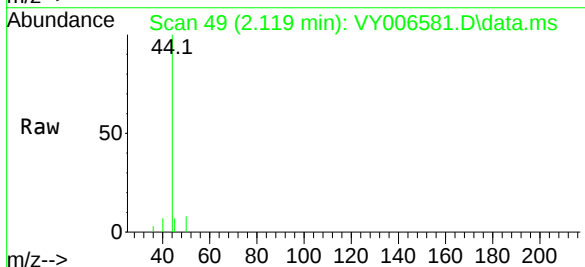
Instrument :
MSVOA_N
ClientSampleId :

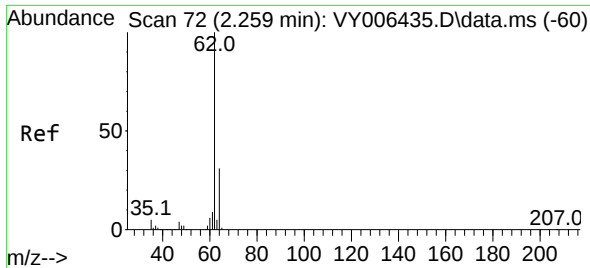
Tgt Ion:168 Resp: 12122
Ion Ratio Lower Upper
168 100
99 56.0 44.8 67.2



#3
Chloromethane
Concen: 1.276 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006581.D
Acq: 02 Nov 2021 17:01

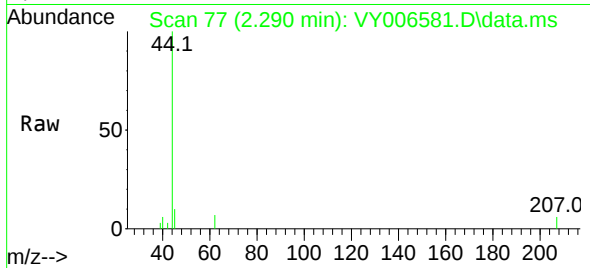
Tgt Ion: 50 Resp: 193
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



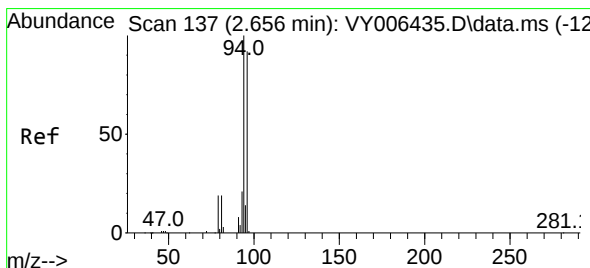
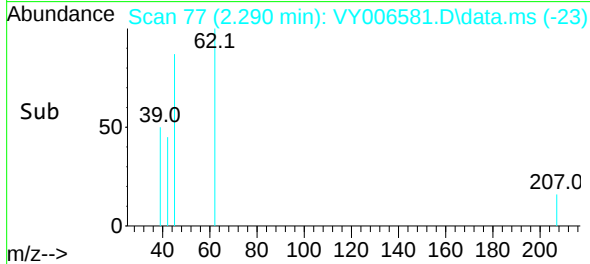
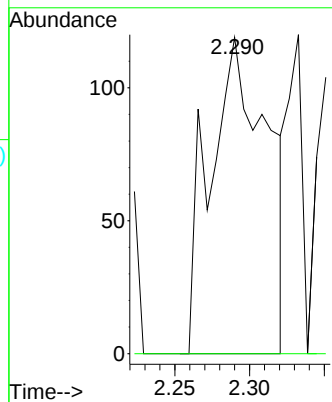


#4
 Vinyl Chloride
 Concen: 1.877 ug/l
 RT: 2.290 min Scan# 71
 Delta R.T. 0.031 min
 Lab File: VY006581.D
 Acq: 02 Nov 2021 17:01

Instrument :
 MSVOA_N
 ClientSampleId :

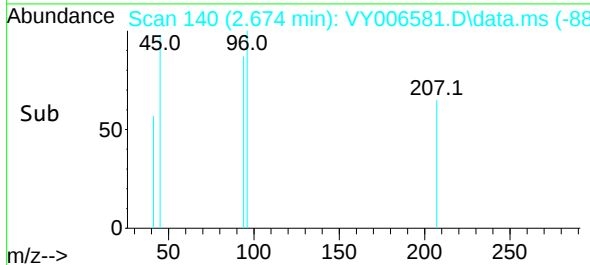
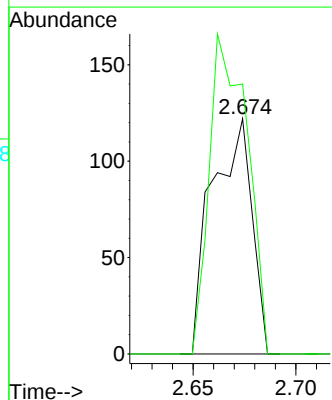
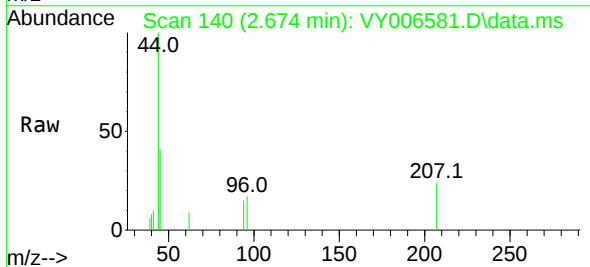


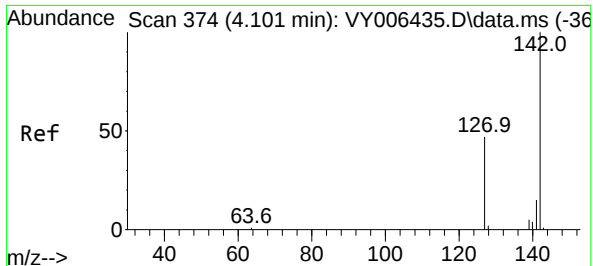
Tgt Ion: 62 Resp: 317
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.7 37.1#



#5
 Bromomethane
 Concen: 1.466 ug/l
 RT: 2.674 min Scan# 140
 Delta R.T. 0.018 min
 Lab File: VY006581.D
 Acq: 02 Nov 2021 17:01

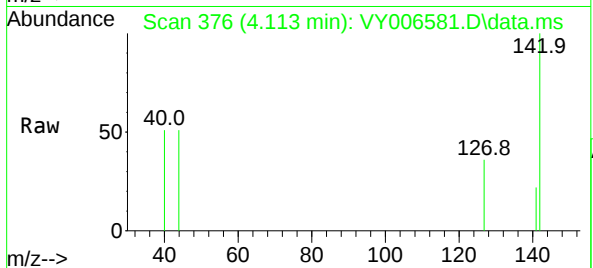
Tgt Ion: 94 Resp: 165
 Ion Ratio Lower Upper
 94 100
 96 114.8 73.5 110.3#



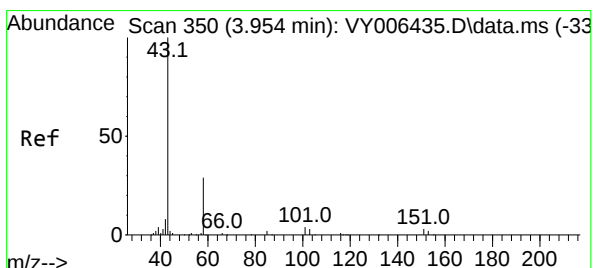
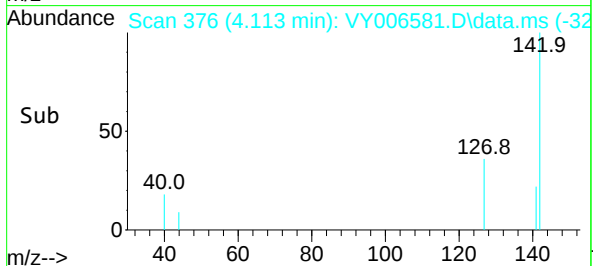
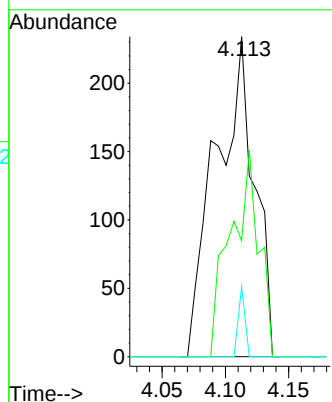


#10
Methyl Iodide
Concen: 8.794 ug/l
RT: 4.113 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY006581.D
Acq: 02 Nov 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :

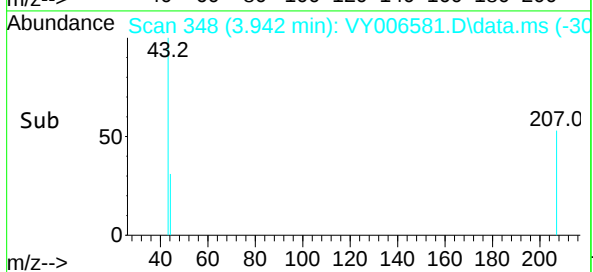
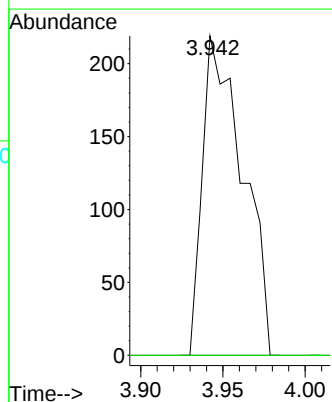
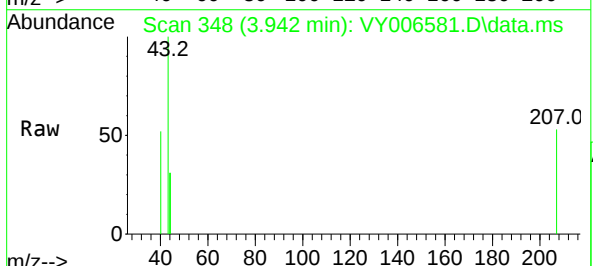


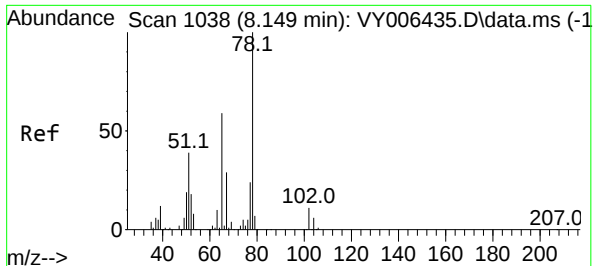
Tgt Ion:142 Resp: 496
Ion Ratio Lower Upper
142 100
127 47.6 40.1 60.1
141 3.8 12.5 18.7#



#16
Acetone
Concen: 8.684 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY006581.D
Acq: 02 Nov 2021 17:01

Tgt Ion: 43 Resp: 373
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#





#33

1,2-Dichloroethane-d4

Concen: 38.668 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

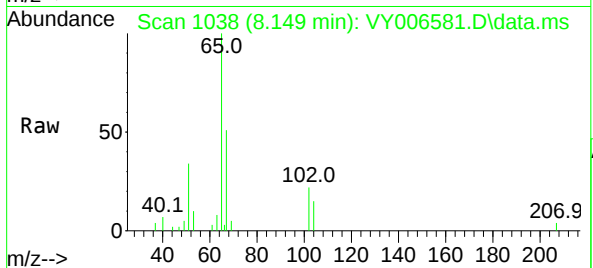
Lab File: VY006581.D

Acq: 02 Nov 2021 17:01

Instrument :

MSVOA_N

ClientSampleId :

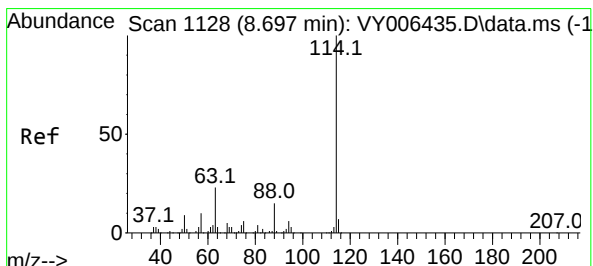
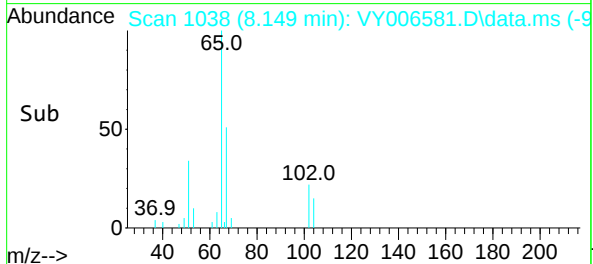
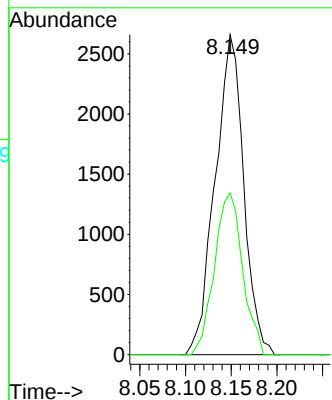


Tgt Ion: 65 Resp: 5768

Ion Ratio Lower Upper

65 100

67 49.9 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: VY006581.D

Acq: 02 Nov 2021 17:01

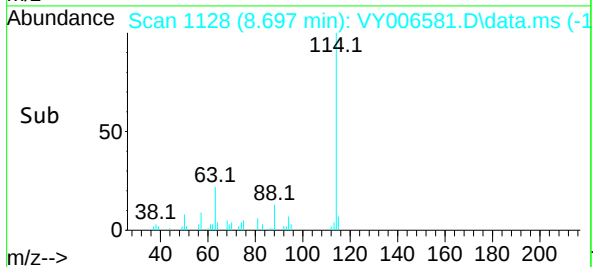
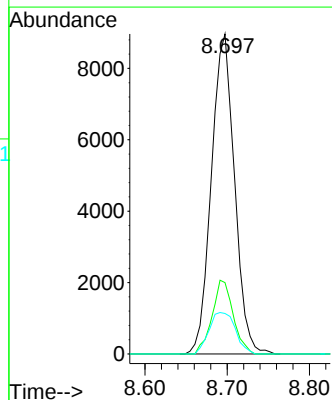
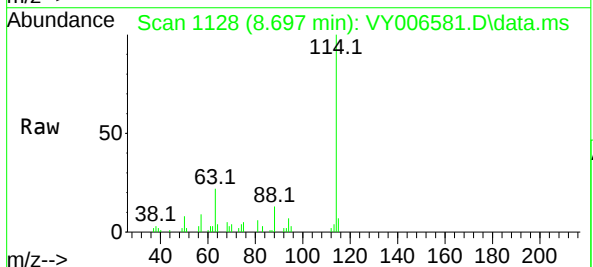
Tgt Ion: 114 Resp: 17528

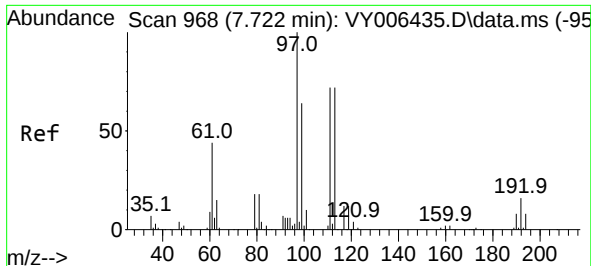
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

88 12.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 15.988 ug/l

RT: 7.728 min Scan# 91

Delta R.T. 0.006 min

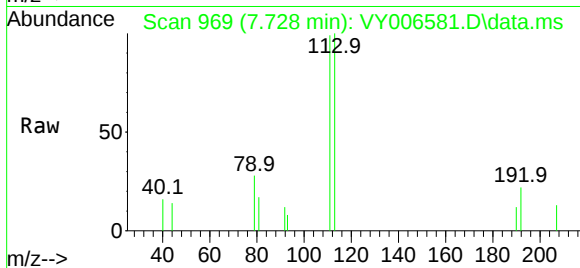
Lab File: VY006581.D

Acq: 02 Nov 2021 17:01

Instrument :

MSVOA_N

ClientSampleId :



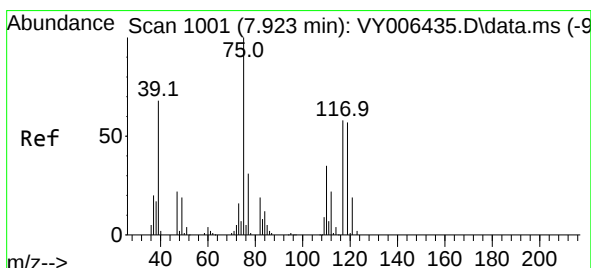
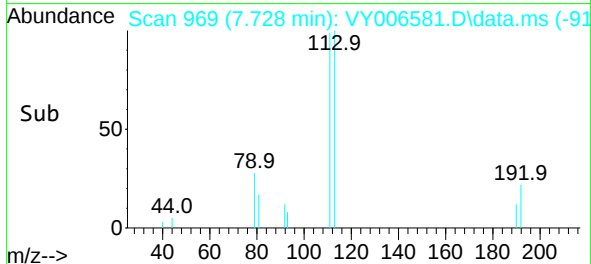
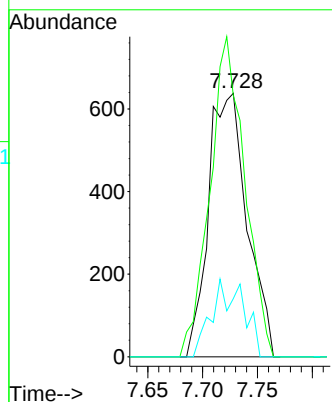
Tgt Ion:113 Resp: 1562

Ion Ratio Lower Upper

113 100

111 110.1 82.3 123.5

192 24.0 17.4 26.2



#36

1,1-Dichloropropene

Concen: 5.462 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY006581.D

Acq: 02 Nov 2021 17:01

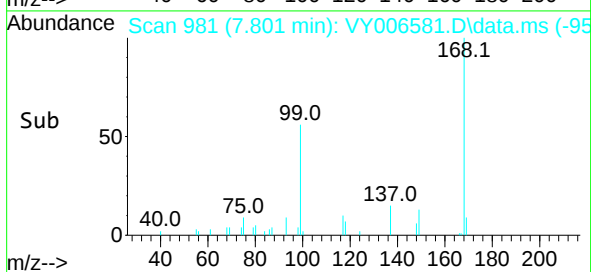
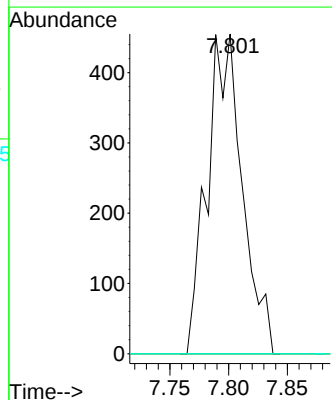
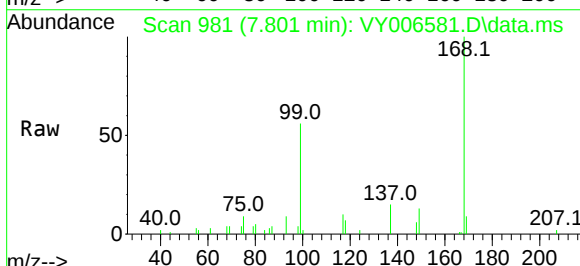
Tgt Ion: 75 Resp: 946

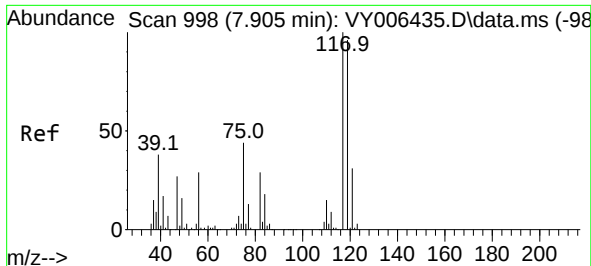
Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.3#

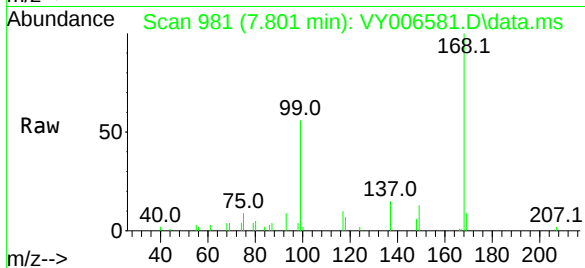
77 0.0 24.9 37.3#



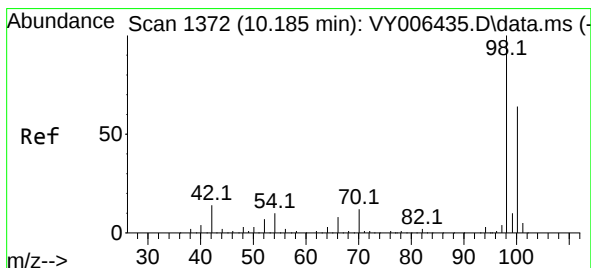
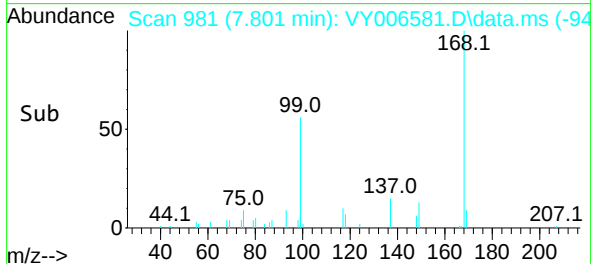
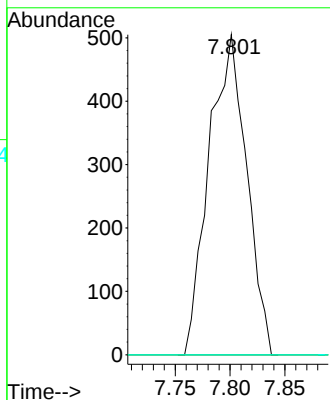


#38
Carbon Tetrachloride
Concen: 6.312 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY006581.D
Acq: 02 Nov 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :

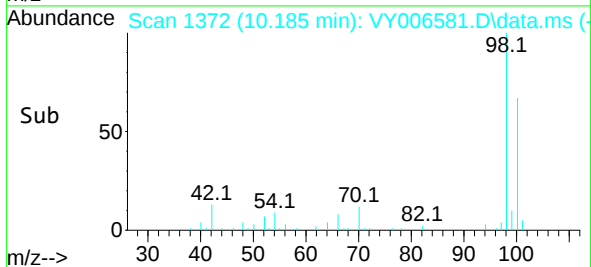
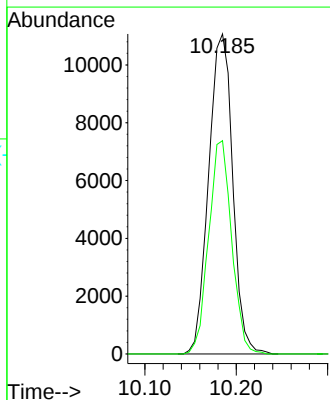
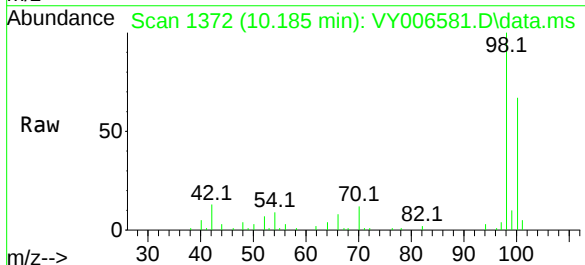


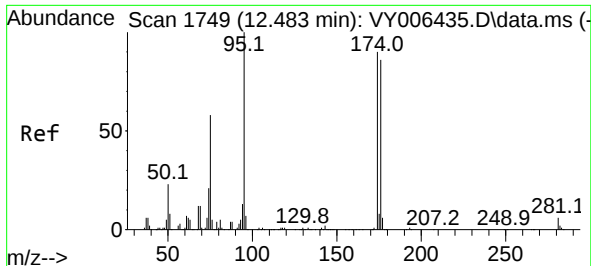
Tgt Ion:117 Resp: 1206
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.799 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006581.D
Acq: 02 Nov 2021 17:01

Tgt Ion: 98 Resp: 20210
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

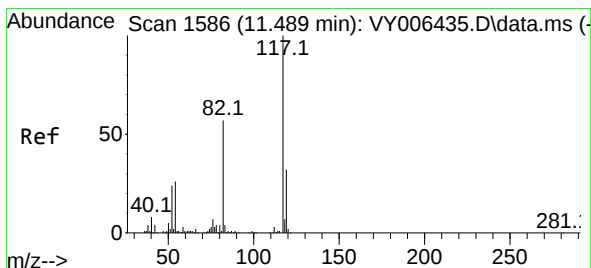
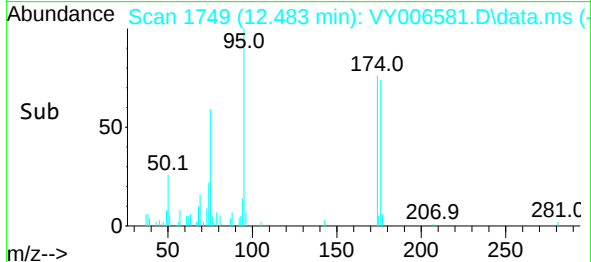
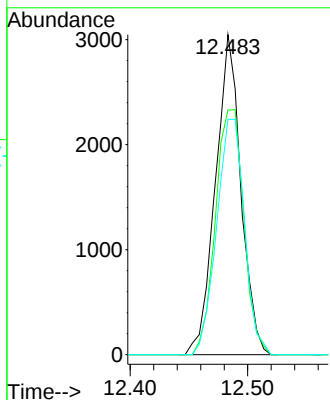
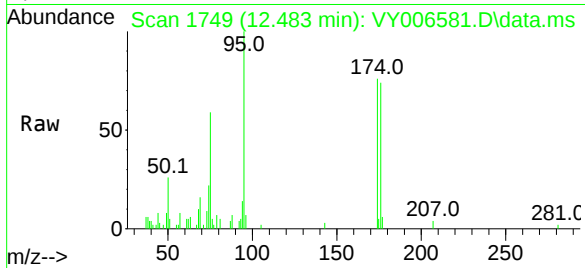




#62
4-Bromofluorobenzene
Concen: 32.865 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006581.D
Acq: 02 Nov 2021 17:01

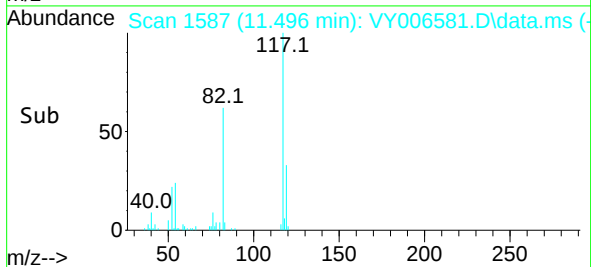
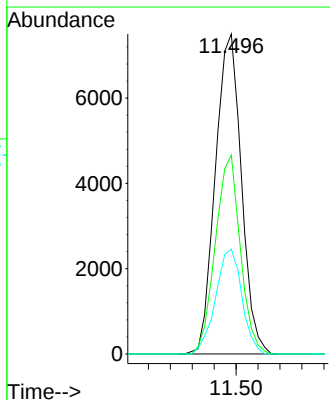
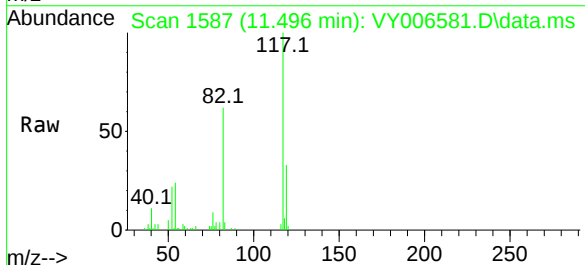
Instrument :
MSVOA_N
ClientSampleId :

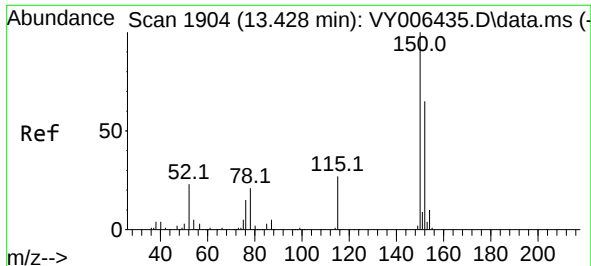
Tgt Ion: 95 Resp: 4585
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 80.5 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006581.D
Acq: 02 Nov 2021 17:01

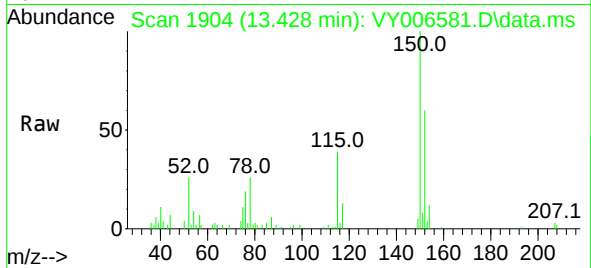
Tgt Ion: 117 Resp: 12375
Ion Ratio Lower Upper
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82 62.2 45.7 68.5
119 32.8 25.5 38.3



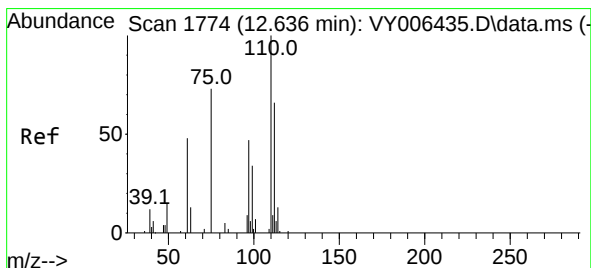
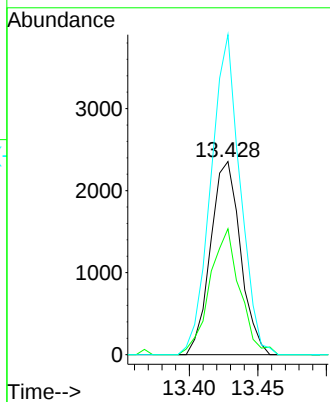
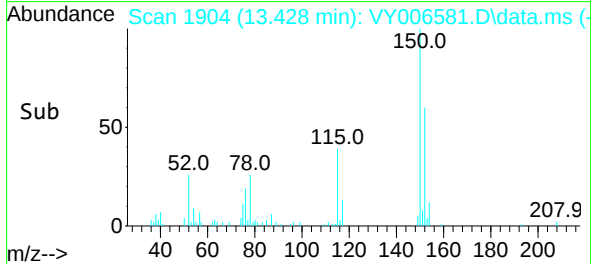


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006581.D
Acq: 02 Nov 2021 17:01

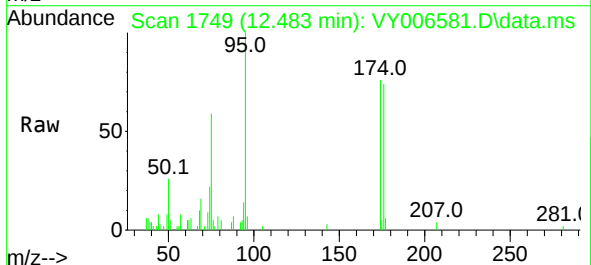
Instrument :
MSVOA_N
ClientSampleId :



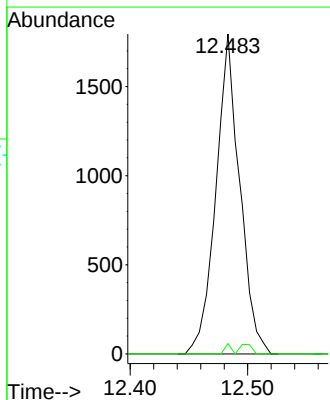
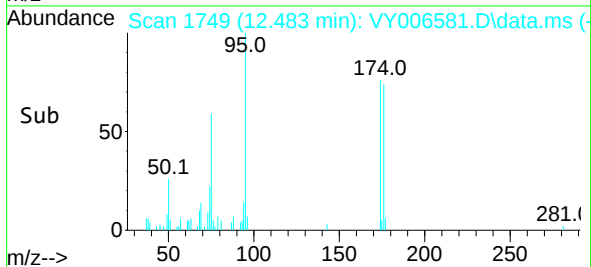
Tgt Ion:152 Resp: 3579
Ion Ratio Lower Upper
152 100
115 65.8 28.5 85.5
150 162.2 0.0 348.2

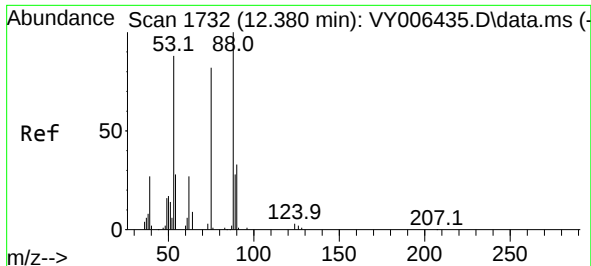


#76
1,2,3-Trichloropropane
Concen: 68.654 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006581.D
Acq: 02 Nov 2021 17:01



Tgt Ion: 75 Resp: 2532
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#

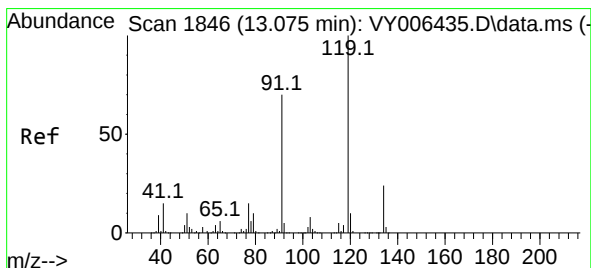
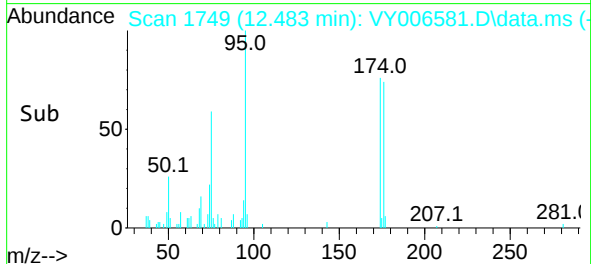
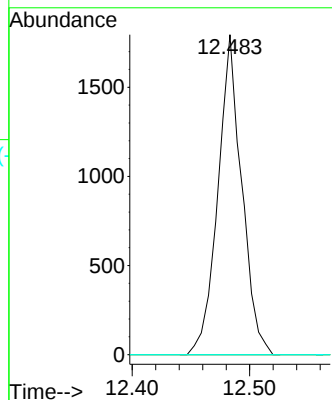
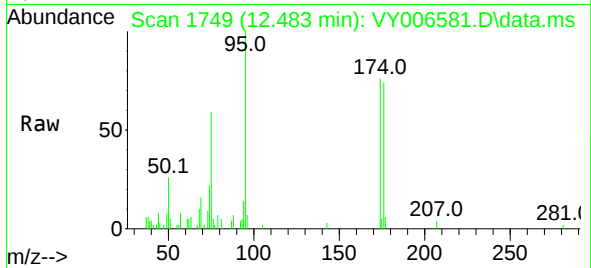




#81
trans-1,4-Dichloro-2-butene
Concen: 140.944 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006581.D
Acq: 02 Nov 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 2532
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#



#83
tert-Butylbenzene
Concen: 2.659 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY006581.D
Acq: 02 Nov 2021 17:01

Tgt Ion: 119 Resp: 479
Ion Ratio Lower Upper
119 100
91 66.8 34.8 104.5
134 21.1 13.0 38.9

