

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006582.D
 Acq On : 02 Nov 2021 17:25
 Operator : SY/MD
 Sample : M4411-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 01:51:20 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)

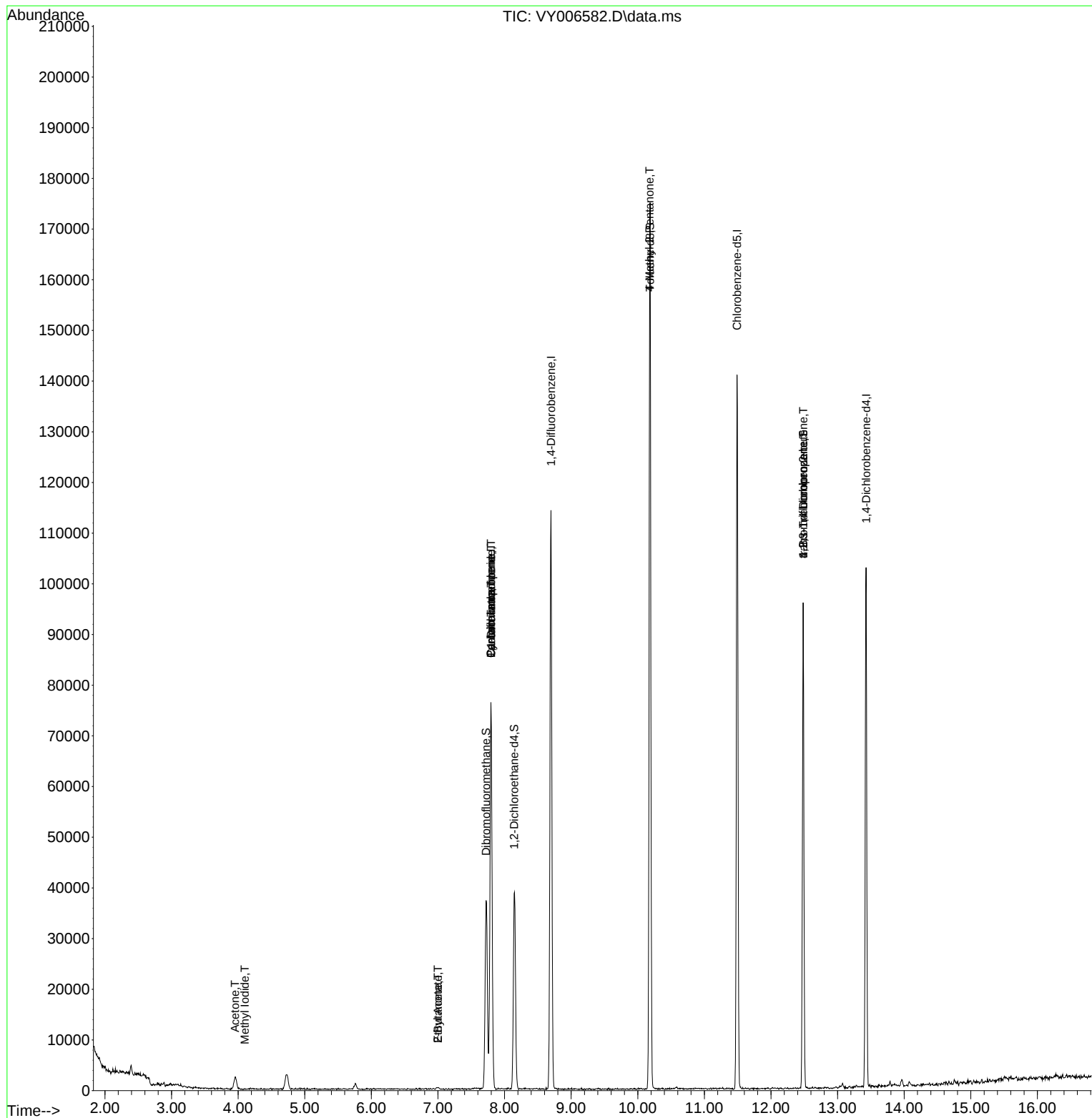
Internal Standards						
1) Pentafluorobenzene	7.795	168	56198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	88762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	70939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	32206	46.571	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.140%
35) Dibromofluoromethane	7.722	113	25485	51.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.020%
50) Toluene-d8	10.185	98	110819	52.840	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.680%
62) 4-Bromofluorobenzene	12.483	95	26707	37.803	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.600%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	28	5.105	ug/l #	36
16) Acetone	3.954	43	4466	22.428	ug/l #	89
20) Methylene Chloride	4.723	84	2202	Below Cal		93
25) 2-Butanone	6.997	43	642	2.461	ug/l #	52
31) Cyclohexane	7.795	56	1475	1.317	ug/l #	22
36) 1,1-Dichloropropene	7.795	75	4877	5.561	ug/l #	49
37) Ethyl Acetate	6.997	43	642	1.157	ug/l #	72
38) Carbon Tetrachloride	7.795	117	5497	5.682	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	644	1.141	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	15032	58.453	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	15032	120.001	ug/l #	7

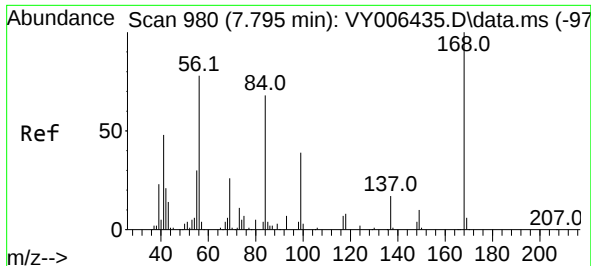
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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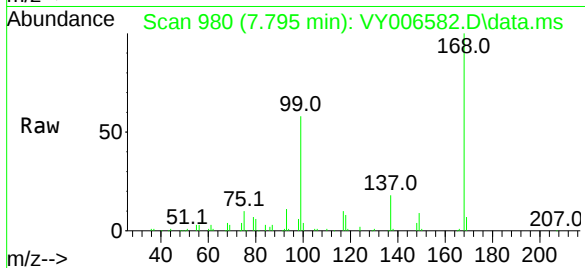
Quant Time: Nov 03 01:51:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration



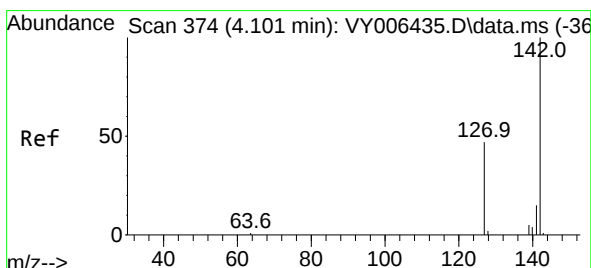
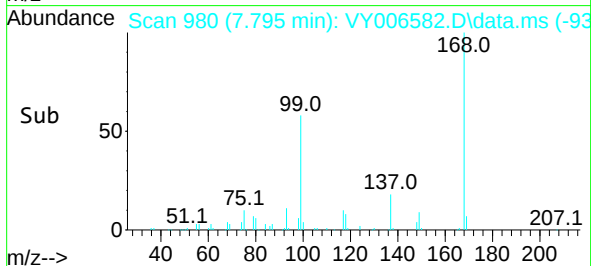
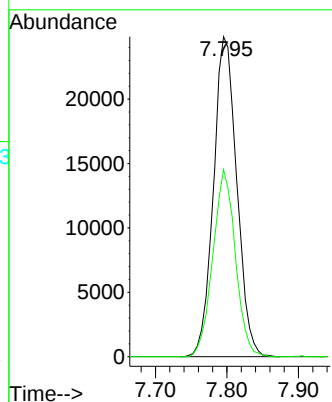


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

Instrument :
MSVOA_N
ClientSampleId :

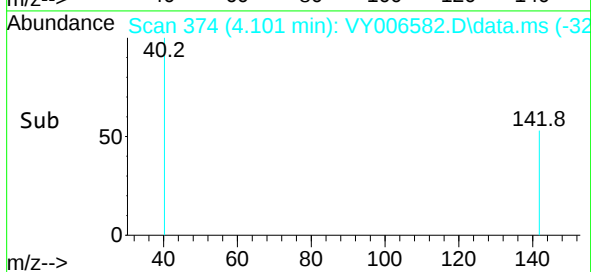
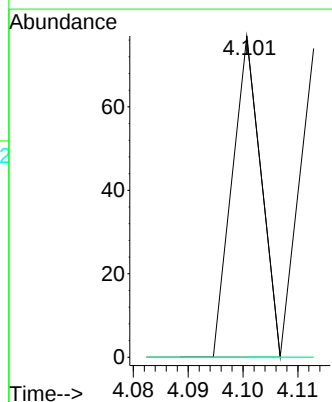
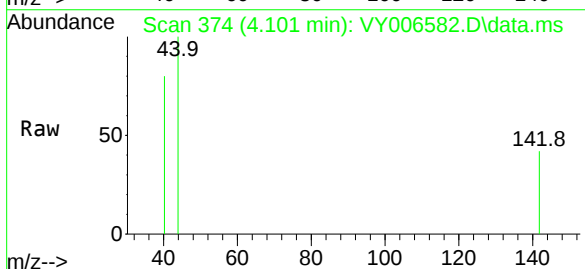


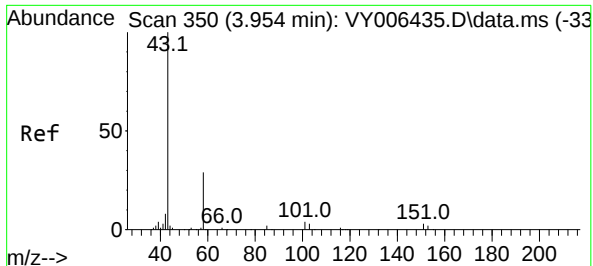
Tgt Ion:168 Resp: 56198
Ion Ratio Lower Upper
168 100
99 58.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.105 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

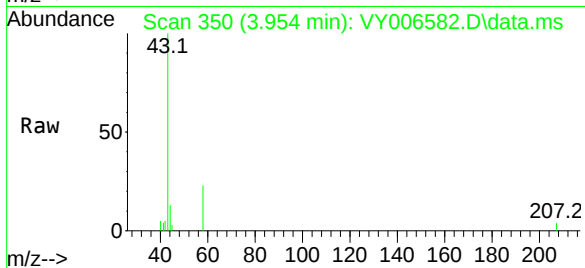
Tgt Ion:142 Resp: 28
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



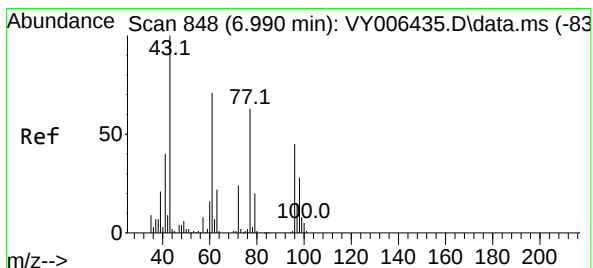
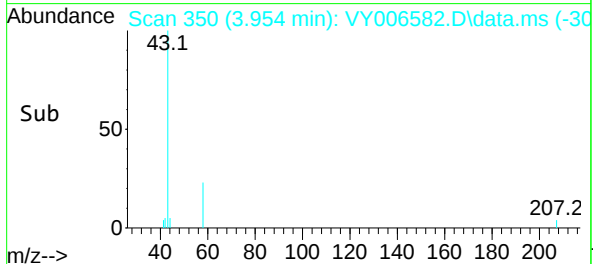
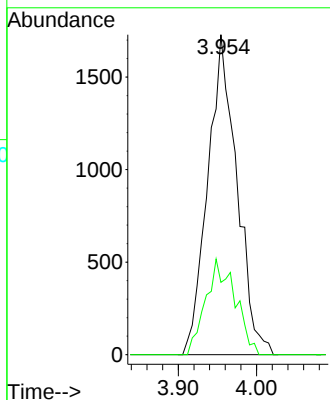


#16
Acetone
Concen: 22.428 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

Instrument :
MSVOA_N
ClientSampleId :

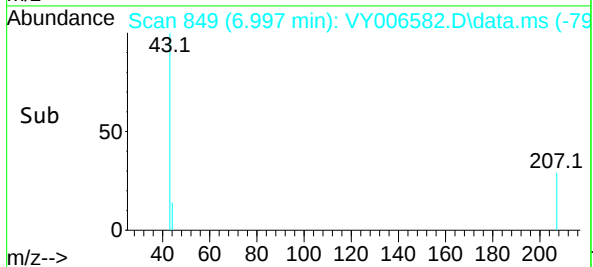
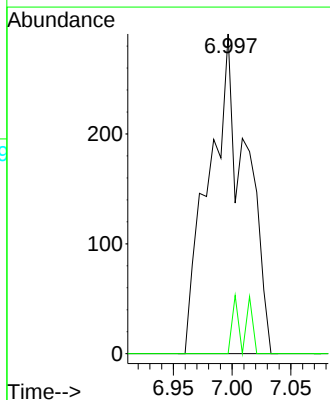
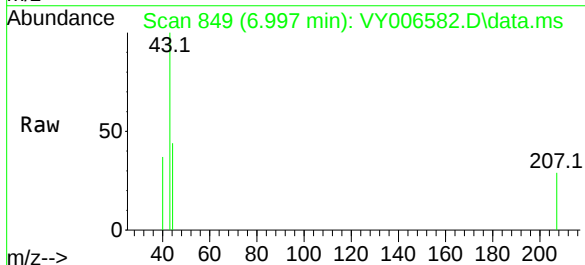


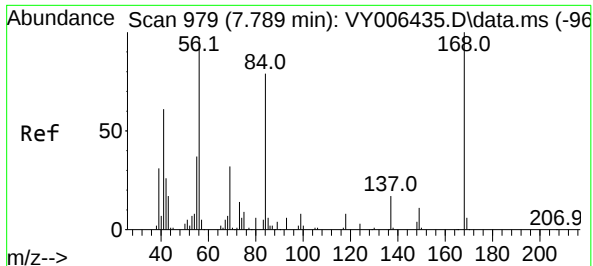
Tgt Ion: 43 Resp: 4466
Ion Ratio Lower Upper
43 100
58 22.6 22.9 34.3#



#25
2-Butanone
Concen: 2.461 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

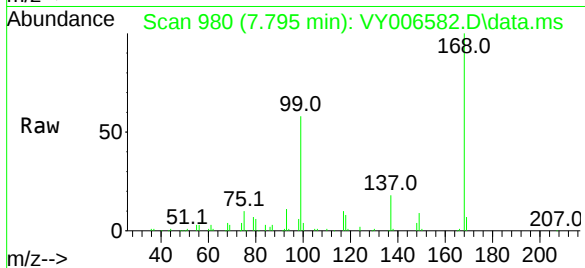
Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#



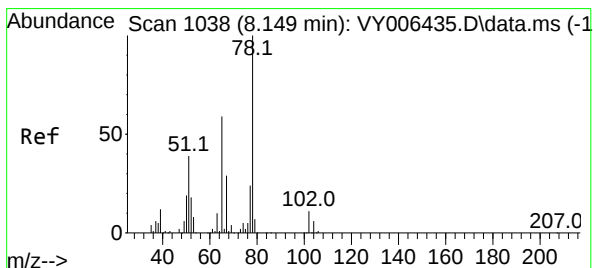
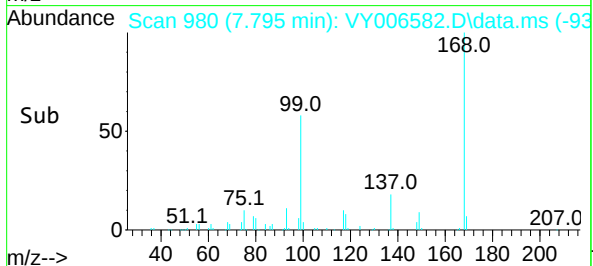
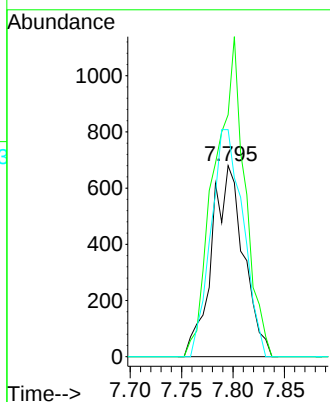


#31
Cyclohexane
Concen: 1.317 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

Instrument :
MSVOA_N
ClientSampleId :

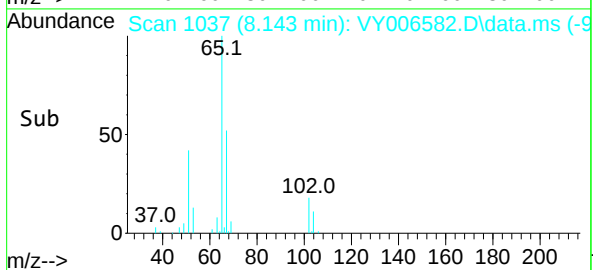
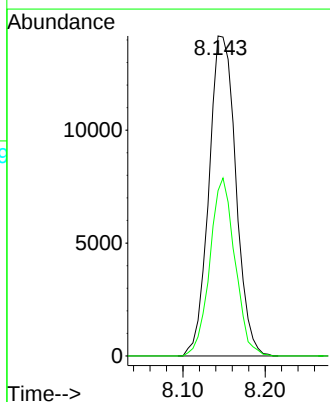
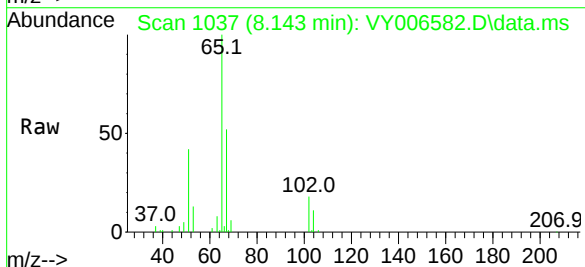


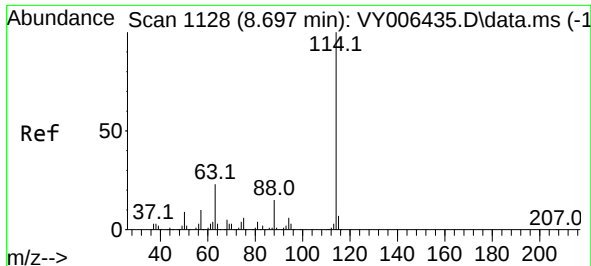
Tgt Ion	Ratio	Lower	Upper
56	100		
69	126.6	26.6	40.0#
84	118.8	65.0	97.4#



#33
1,2-Dichloroethane-d4
Concen: 46.571 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

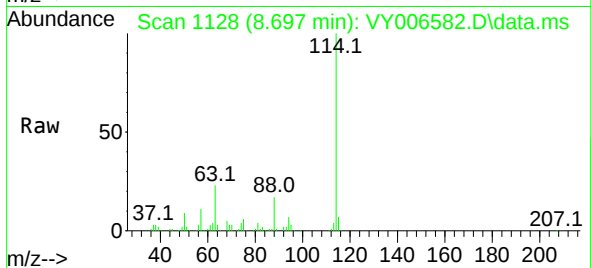
Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	98.2



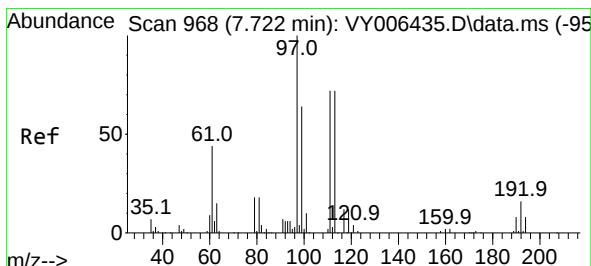
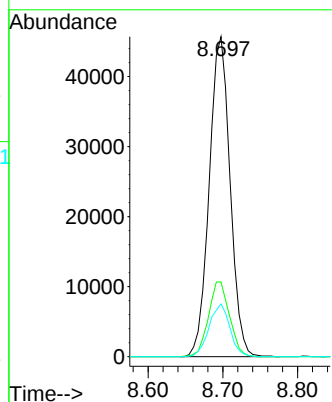
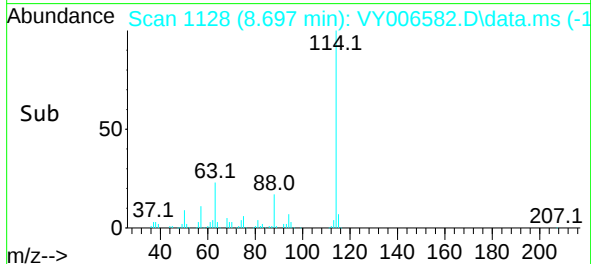


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

Instrument :
MSVOA_N
ClientSampleId :

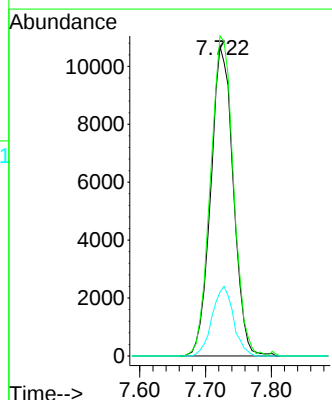
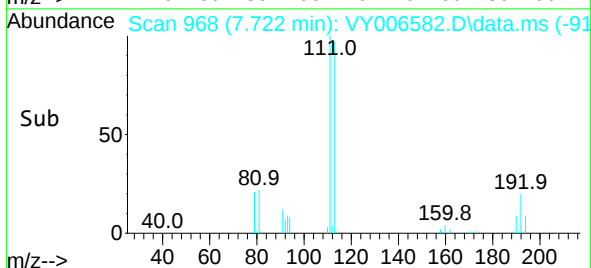
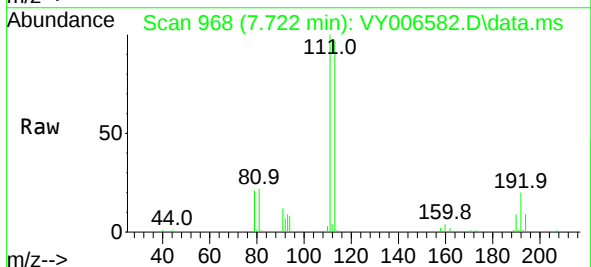


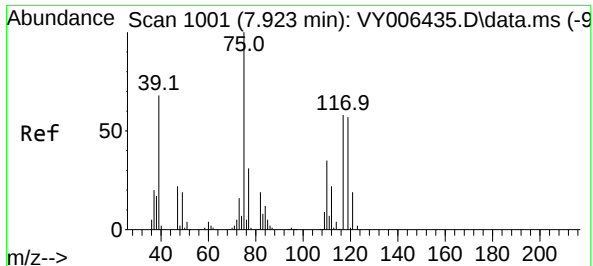
Tgt Ion:114 Resp: 88762
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.513 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

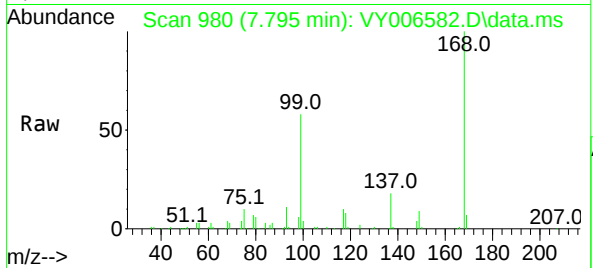
Tgt Ion:113 Resp: 25485
Ion Ratio Lower Upper
113 100
111 105.8 82.3 123.5
192 21.2 17.4 26.2



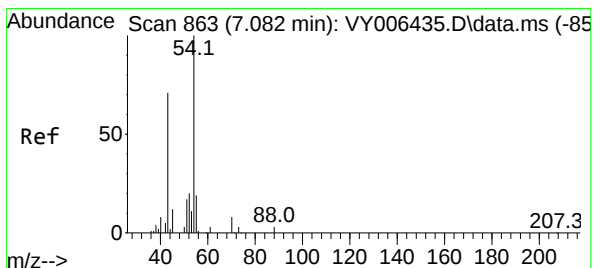
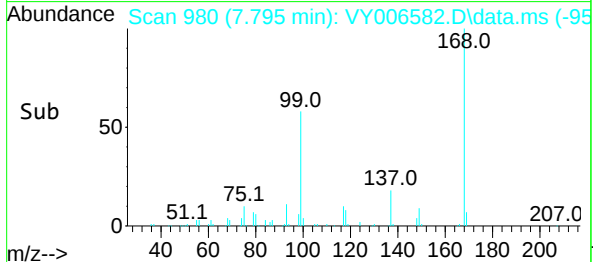
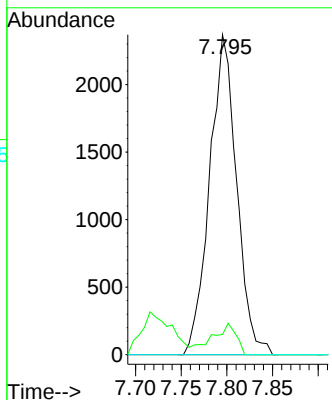


#36
1,1-Dichloropropene
Concen: 5.561 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

Instrument :
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ClientSampleId :

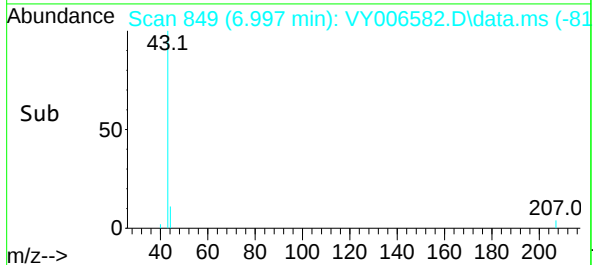
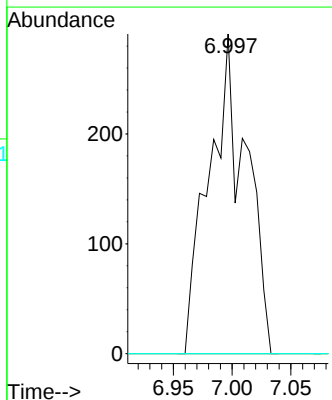
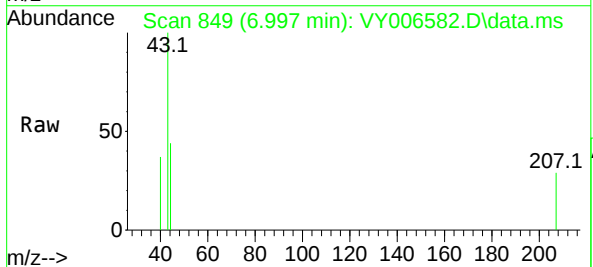


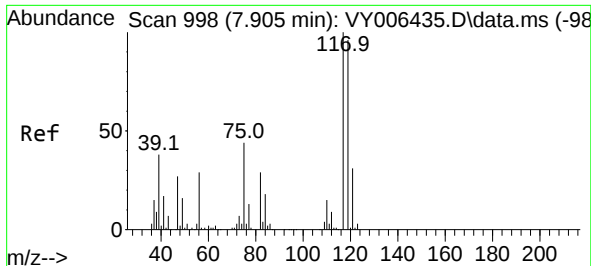
Tgt Ion: 75 Resp: 4877
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.3#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 1.157 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.085 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

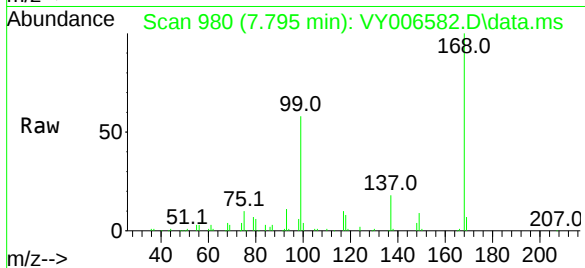
Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
61 0.0 9.4 14.2#
70 0.0 6.9 10.3#



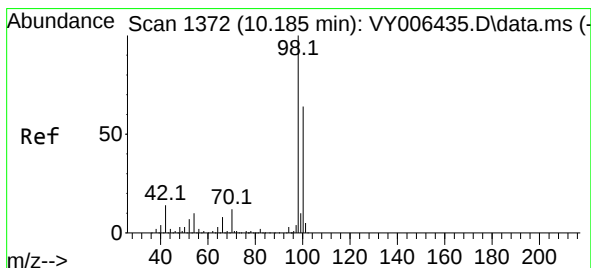
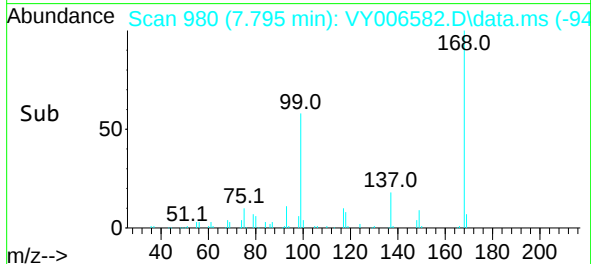
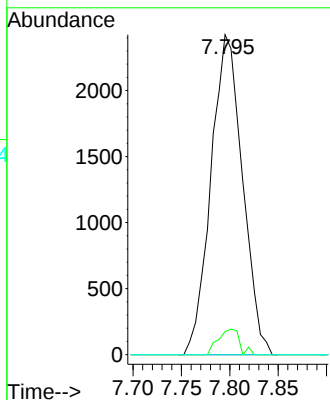


#38
Carbon Tetrachloride
Concen: 5.682 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

Instrument :
MSVOA_N
ClientSampleId :

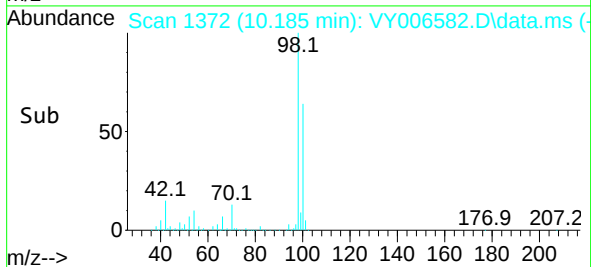
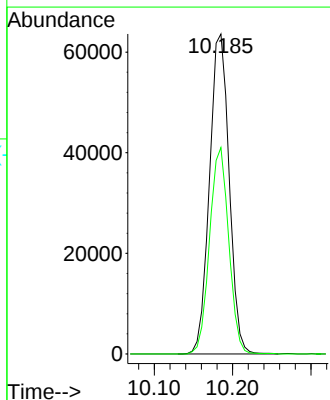
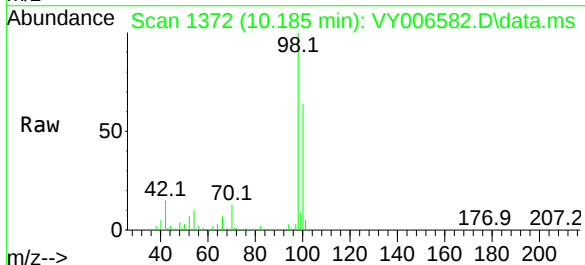


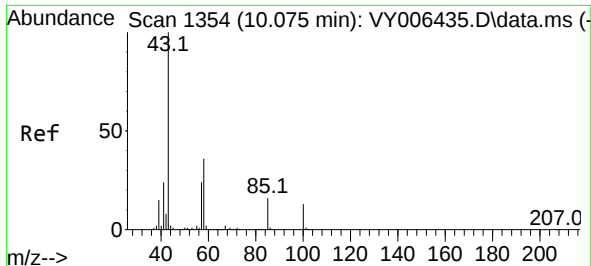
Tgt Ion:117 Resp: 5497
Ion Ratio Lower Upper
117 100
119 7.2 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.840 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

Tgt Ion: 98 Resp: 110819
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

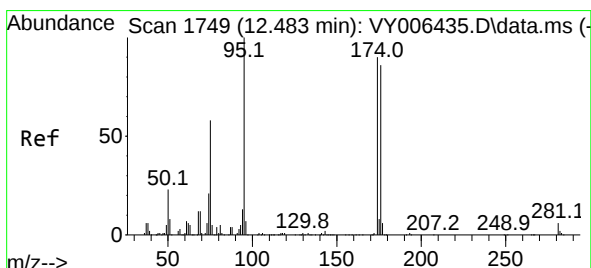
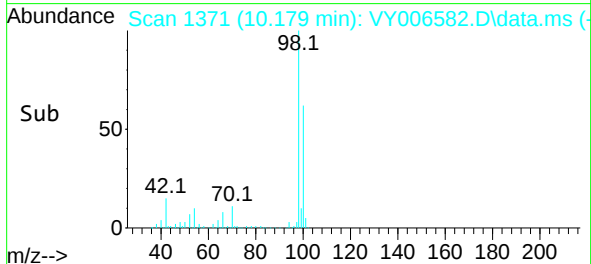
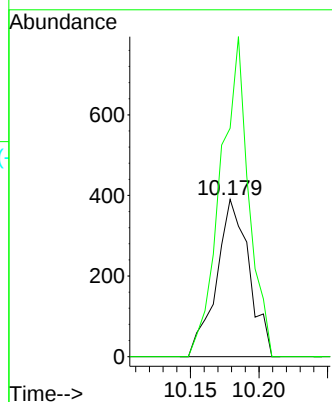
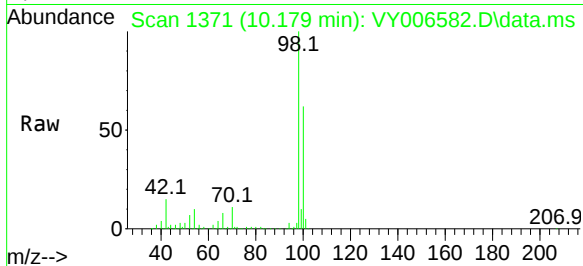




#51
4-Methyl-2-Pentanone
Concen: 1.141 ug/l
RT: 10.179 min Scan# 1354
Delta R.T. 0.104 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

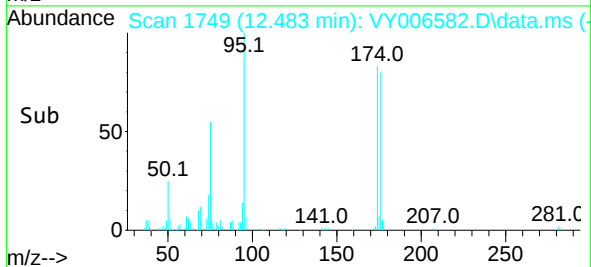
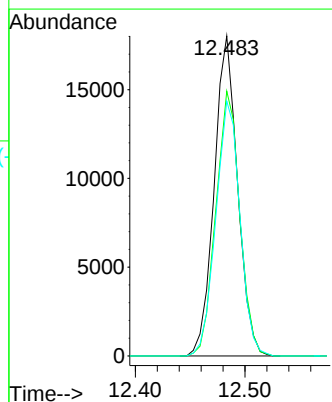
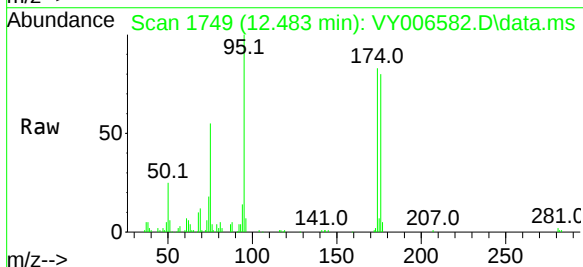
Instrument :
MSVOA_N
ClientSampleId :

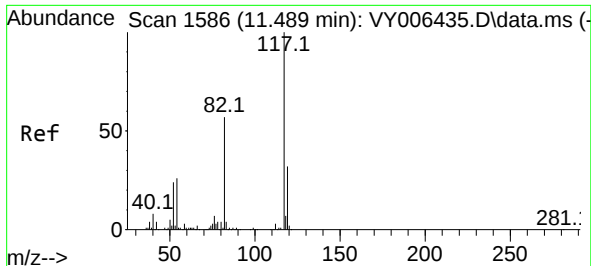
Tgt Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
58 177.0 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 37.803 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

Tgt Ion: 95 Resp: 26707
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 82.0 0.0 169.4

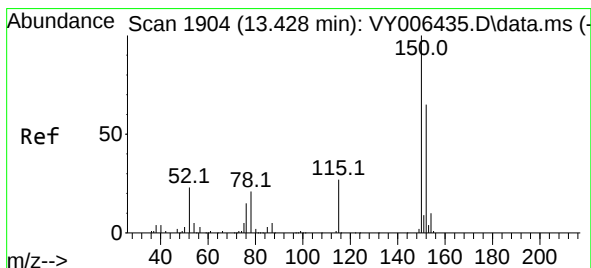
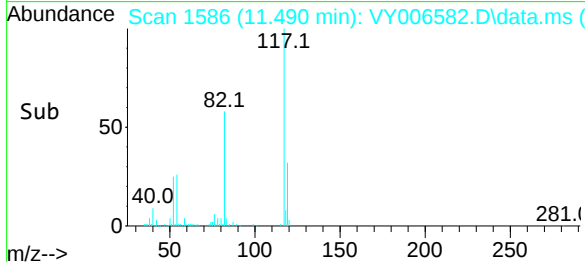
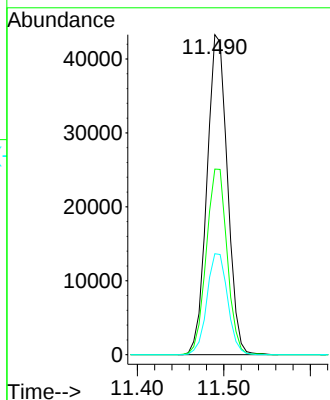
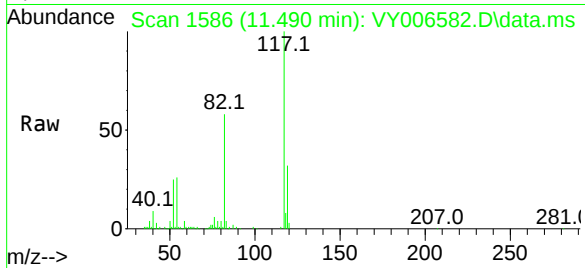




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

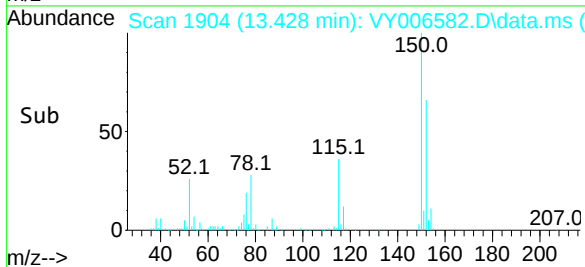
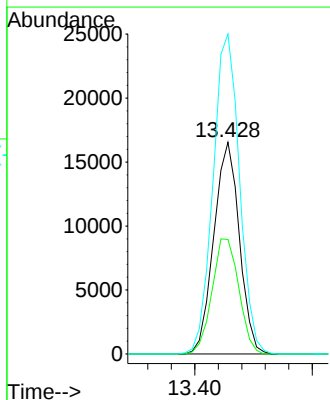
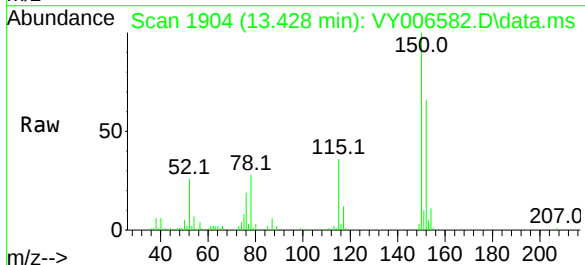
Instrument :
MSVOA_N
ClientSampleId :

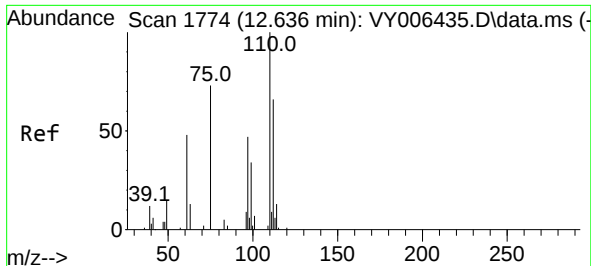
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.7	68.5
119	31.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.5	85.5
150	156.6	0.0	348.2

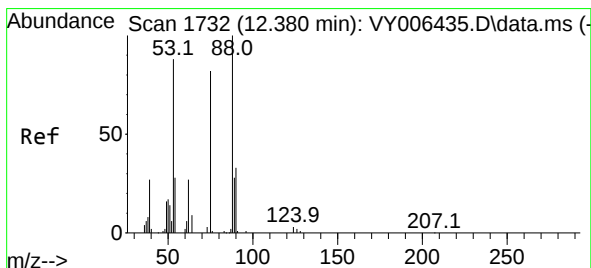
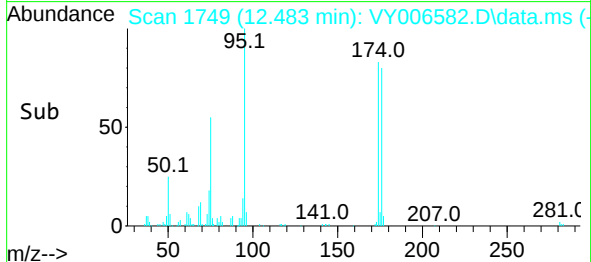
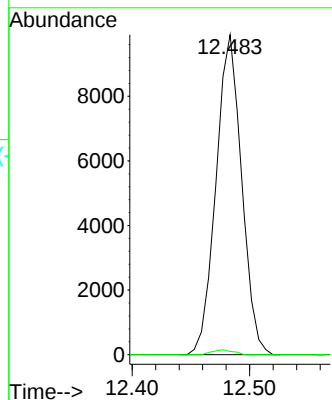
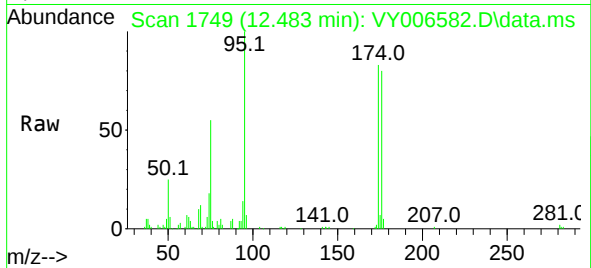




#76
1,2,3-Trichloropropane
Concen: 58.453 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 15032
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.001 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006582.D
Acq: 02 Nov 2021 17:25

Tgt Ion: 75 Resp: 15032
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

