

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006465.D
 Acq On : 25 Oct 2021 14:40
 Operator : SY/MD
 Sample : M4300-04
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 02:44:04 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	87950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	149924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	140111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59933	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	67341	62.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.440%
35) Dibromofluoromethane	7.722	113	46135	55.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.420%
50) Toluene-d8	10.185	98	190522	53.784	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.560%
62) 4-Bromofluorobenzene	12.483	95	56868	47.657	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.320%

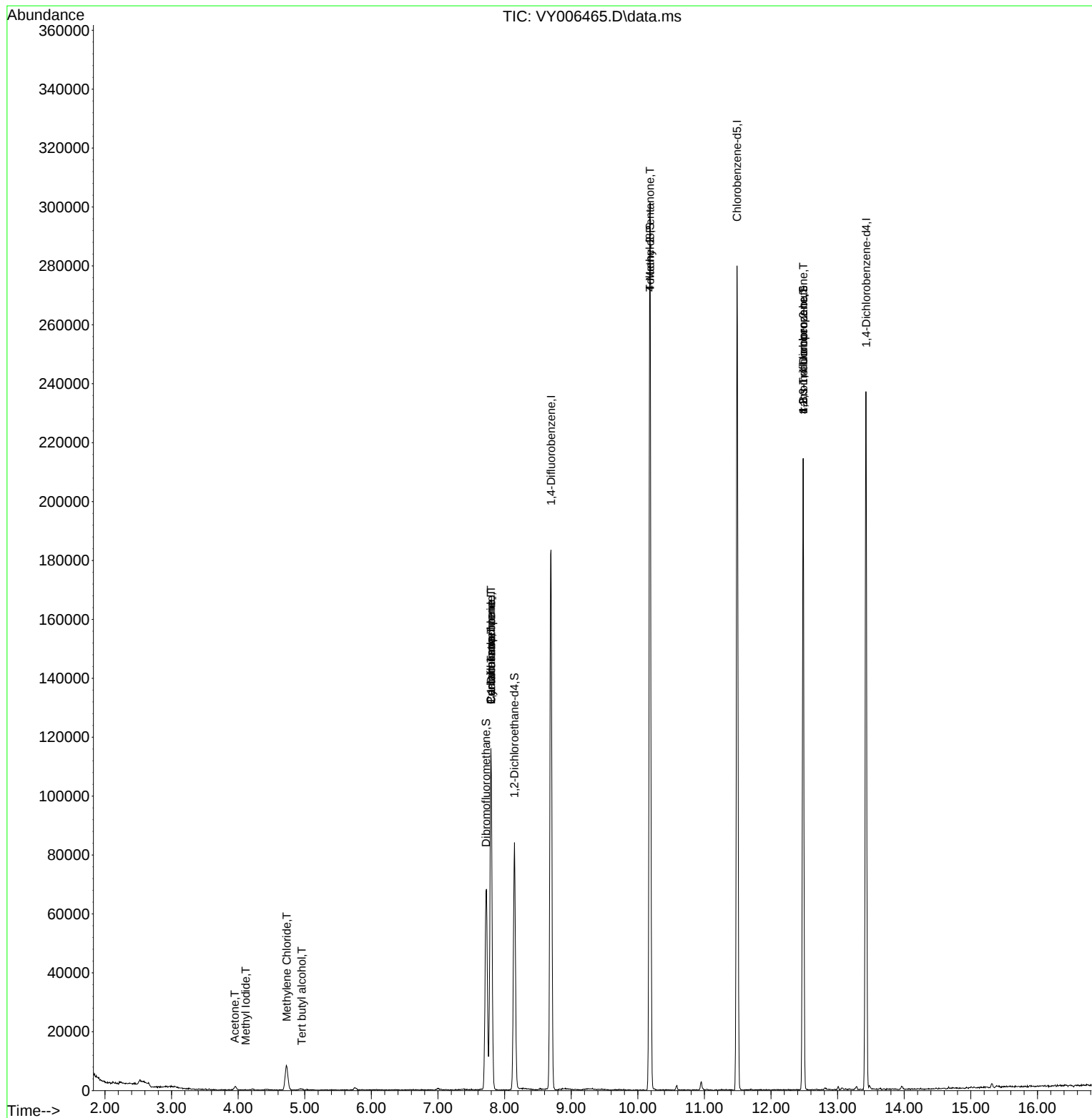
Target Compounds					Qvalue	
10) Methyl Iodide	4.113	142	119	5.183	ug/l #	36
11) Tert butyl alcohol	4.954	59	207	2.105	ug/l #	72
16) Acetone	3.948	43	2213	7.101	ug/l	93
20) Methylene Chloride	4.729	84	5721	2.050	ug/l	96
31) Cyclohexane	7.795	56	2109	1.204	ug/l #	2
36) 1,1-Dichloropropene	7.795	75	6797	4.588	ug/l #	50
38) Carbon Tetrachloride	7.795	117	8452	5.172	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1059	1.111	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	33015	53.457	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33015	109.746	ug/l #	7

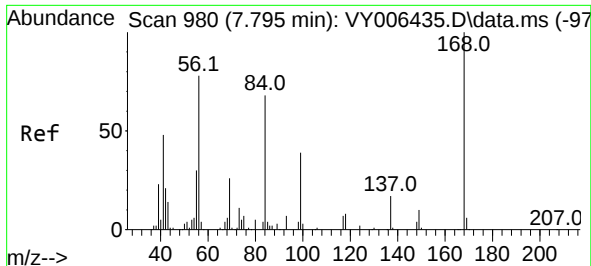
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
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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

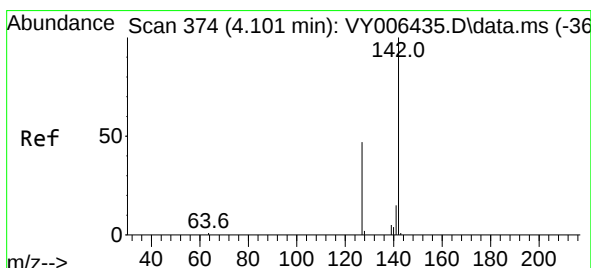
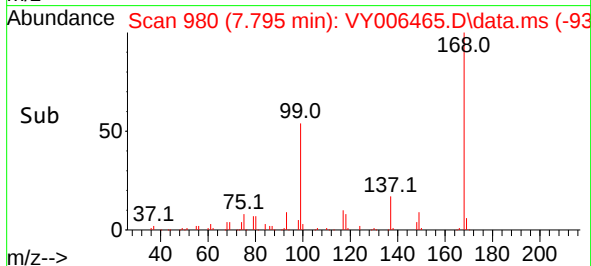
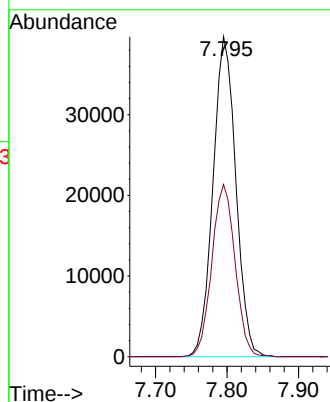
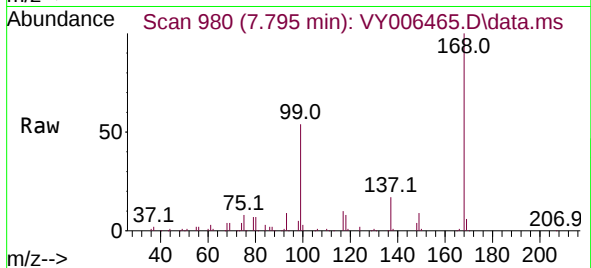




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

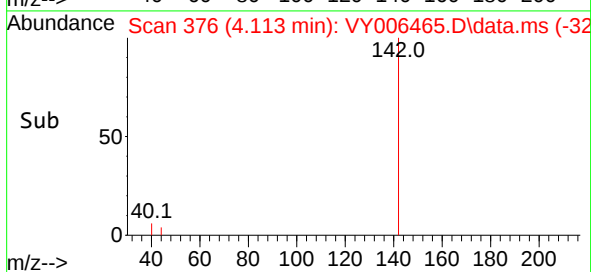
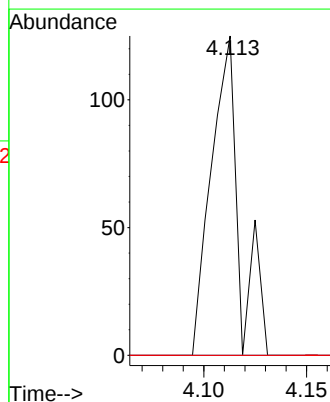
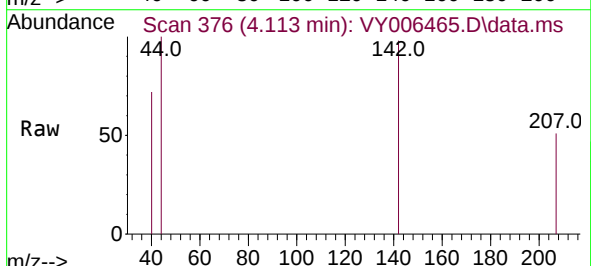
Instrument :
MSVOA_Y
ClientSampleId :

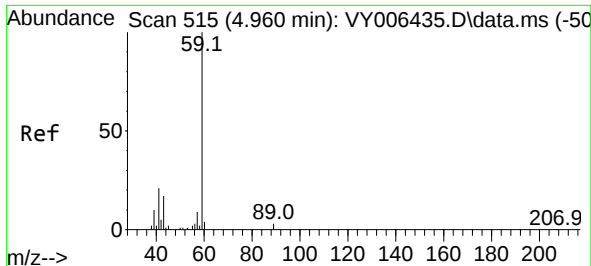
Tgt Ion:168 Resp: 87950
Ion Ratio Lower Upper
168 100
99 53.8 44.8 67.2



#10
Methyl Iodide
Concen: 5.183 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Tgt Ion:142 Resp: 119
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



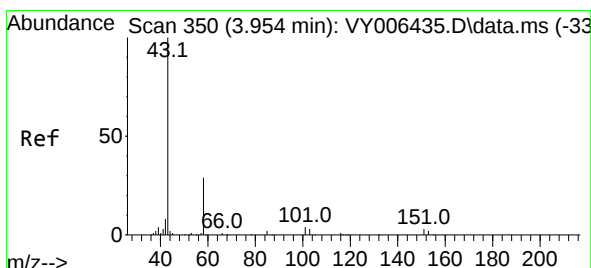
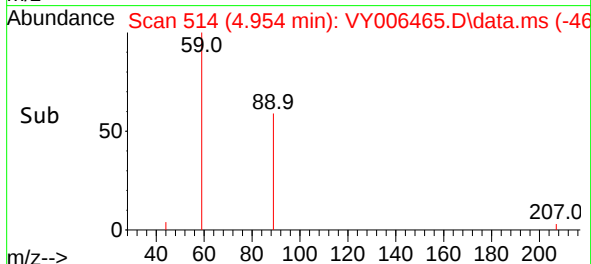
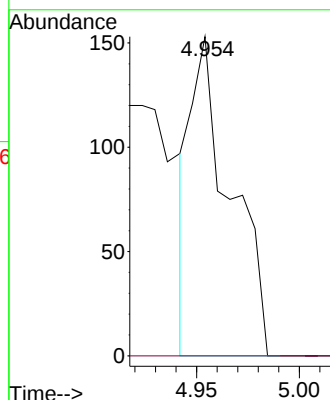
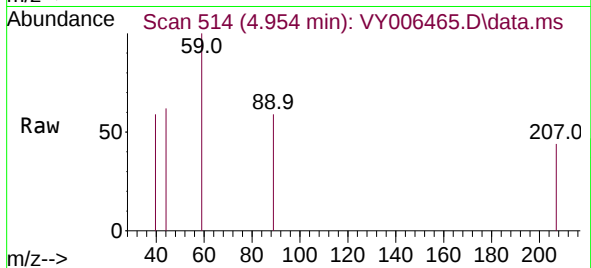


#11

Tert butyl alcohol
Concen: 2.105 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Instrument :
MSVOA_Y
ClientSampled :

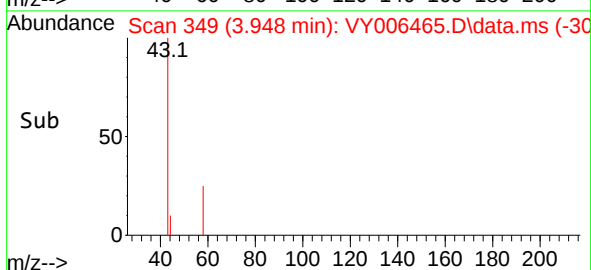
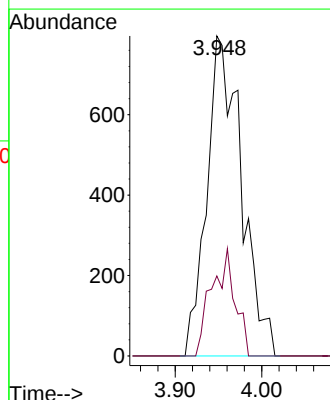
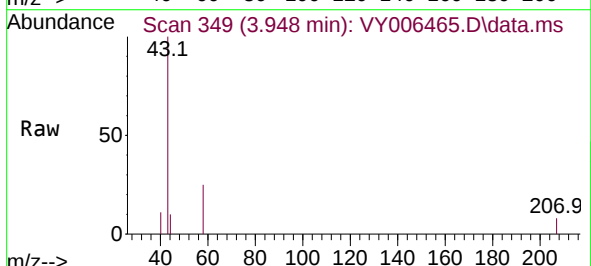
Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

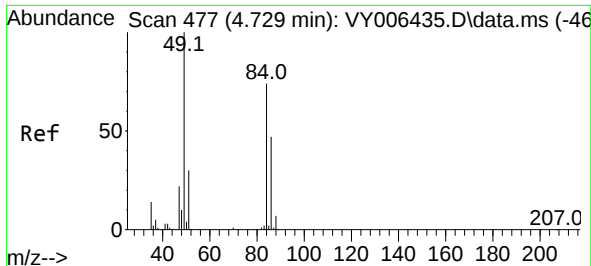


#16

Acetone
Concen: 7.101 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Tgt Ion: 43 Resp: 2213
Ion Ratio Lower Upper
43 100
58 25.0 22.9 34.3



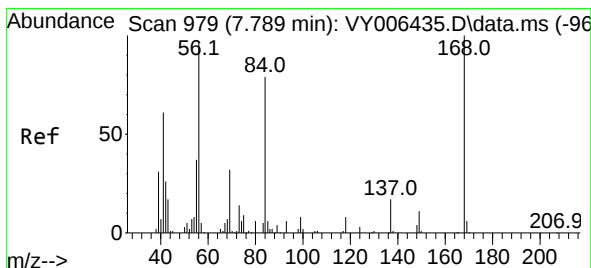
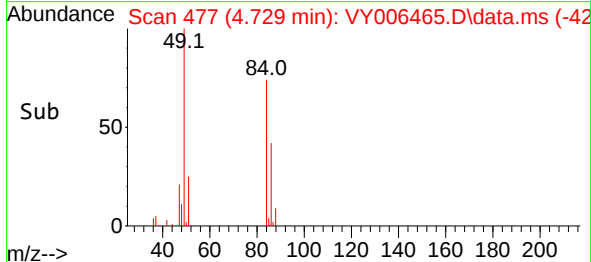
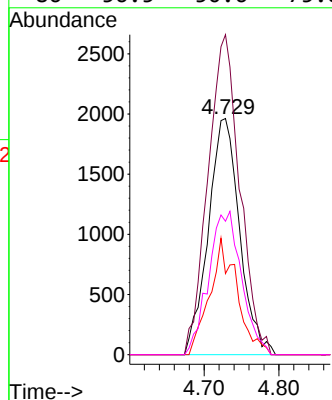
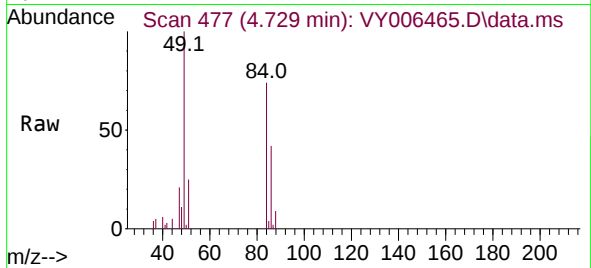


#20
Methylene Chloride
Concen: 2.050 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 5721

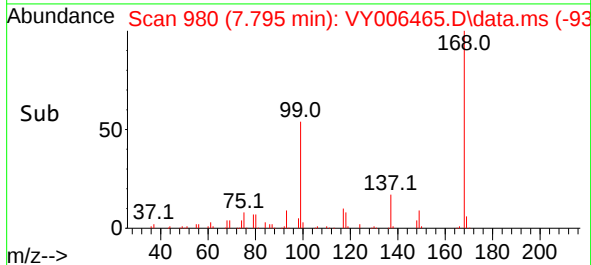
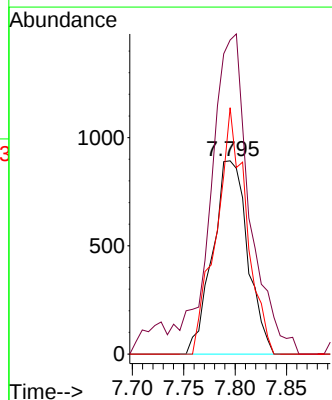
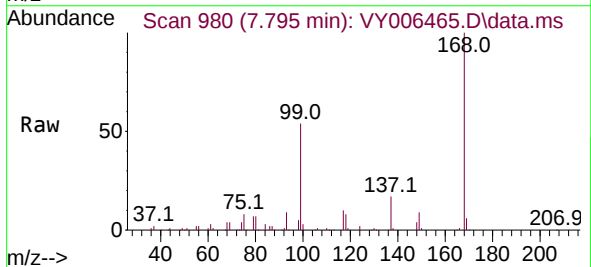
Ion	Ratio	Lower	Upper
84	100		
49	135.5	107.8	161.8
51	34.4	32.8	49.2
86	56.5	50.6	75.8

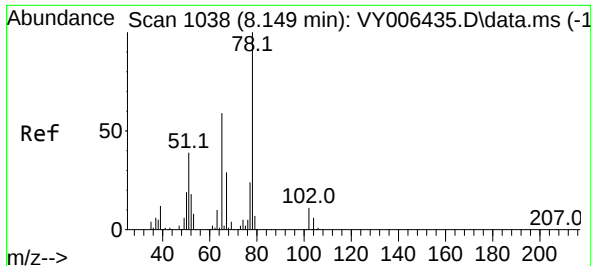


#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Tgt Ion: 56 Resp: 2109

Ion	Ratio	Lower	Upper
56	100		
69	153.0	26.6	40.0#
84	127.4	65.0	97.4#

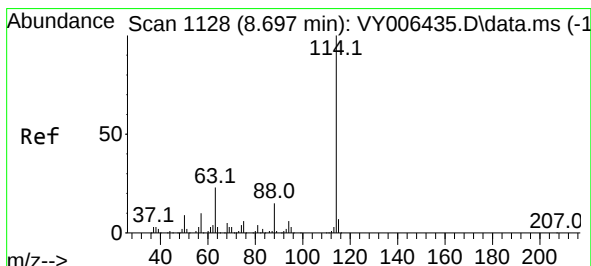
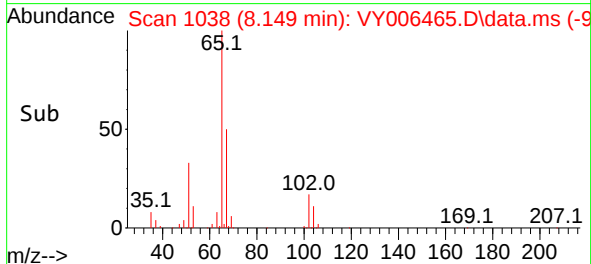
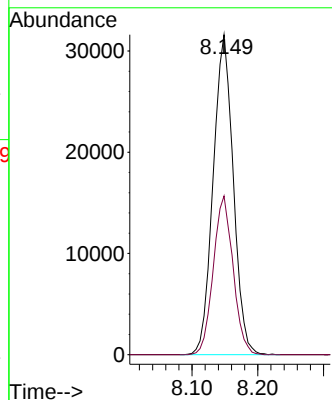
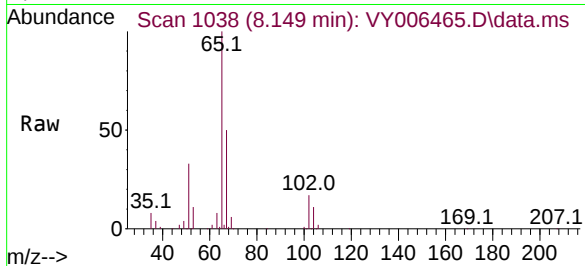




#33
1,2-Dichloroethane-d4
Concen: 62.221 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

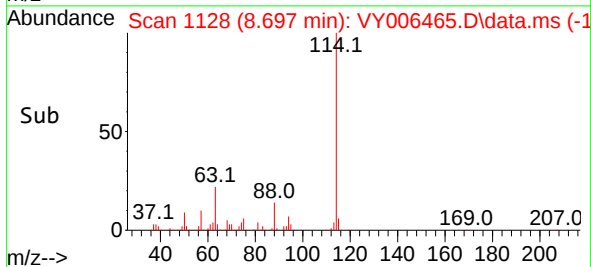
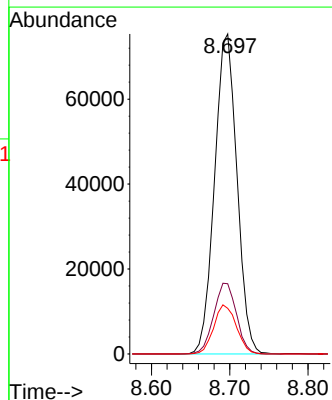
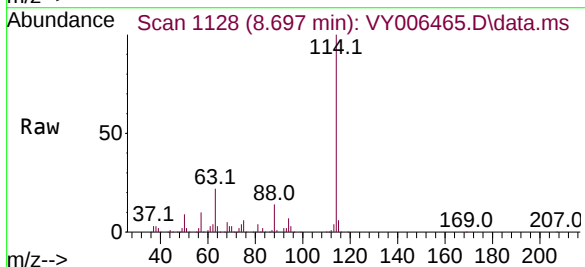
Instrument :
MSVOA_Y
ClientSampleId :

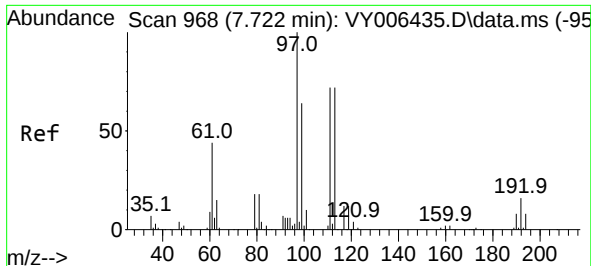
Tgt Ion: 65 Resp: 67341
Ion Ratio Lower Upper
65 100
67 48.7 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Tgt Ion:114 Resp: 149924
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 14.3 0.0 30.6

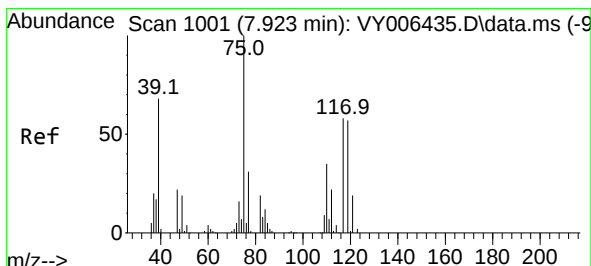
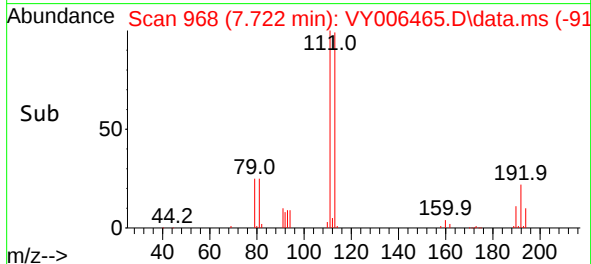
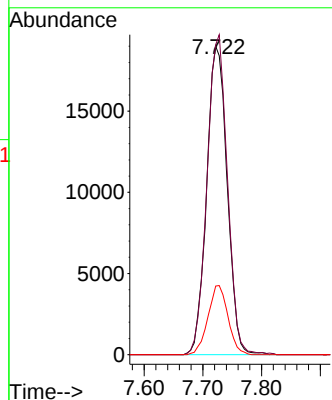
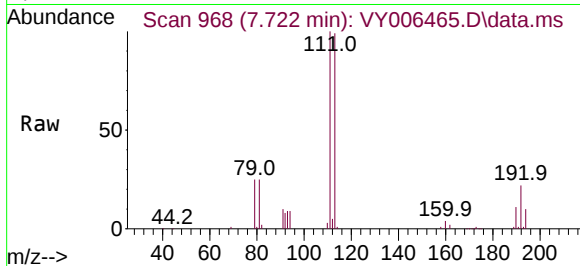




#35
Dibromofluoromethane
Concen: 55.210 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

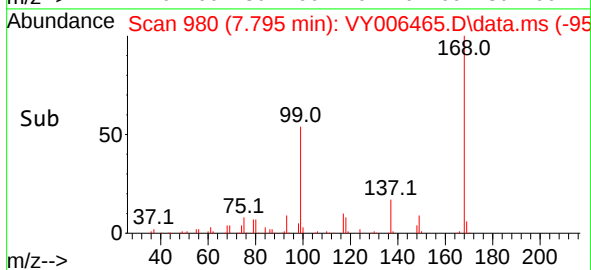
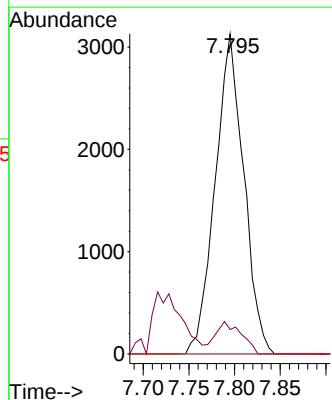
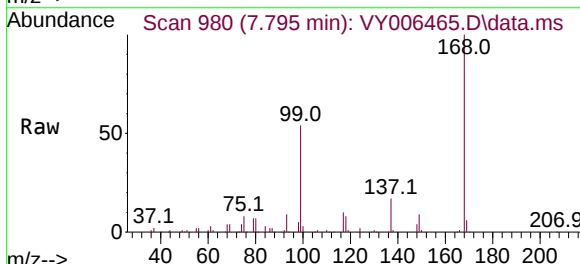
Instrument :
MSVOA_Y
ClientSampleId :

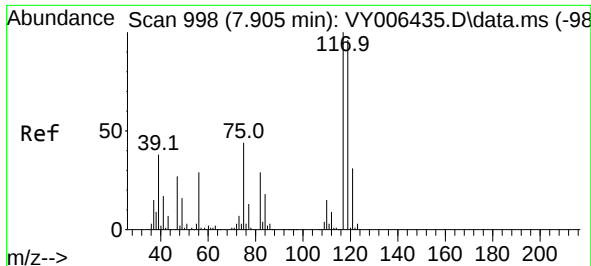
Tgt Ion:113 Resp: 46135
Ion Ratio Lower Upper
113 100
111 102.9 82.3 123.5
192 21.9 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.588 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Tgt Ion: 75 Resp: 6797
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.3#
77 0.0 24.9 37.3#

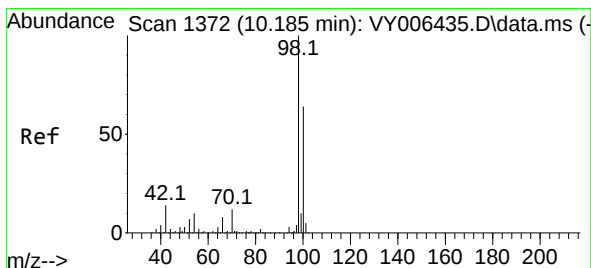
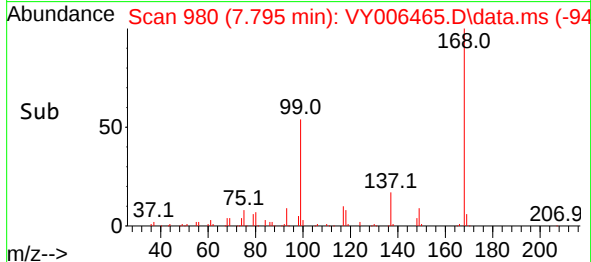
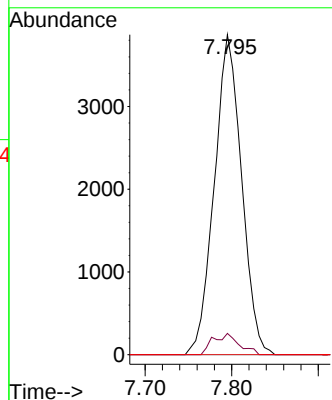
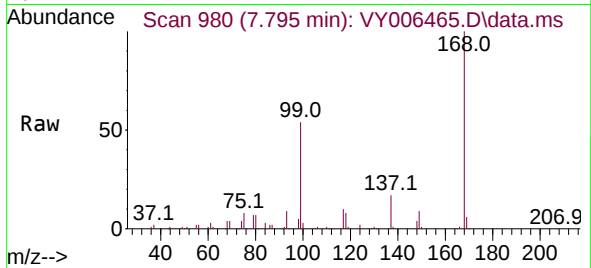




#38
Carbon Tetrachloride
Concen: 5.172 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

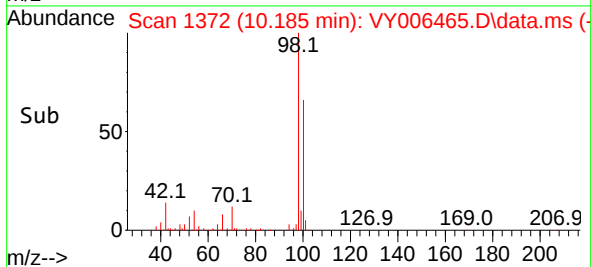
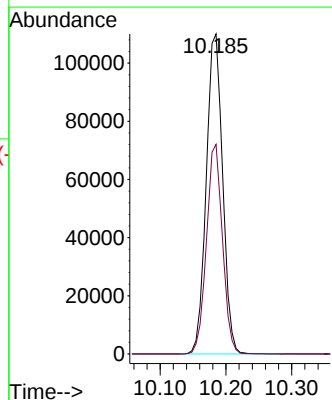
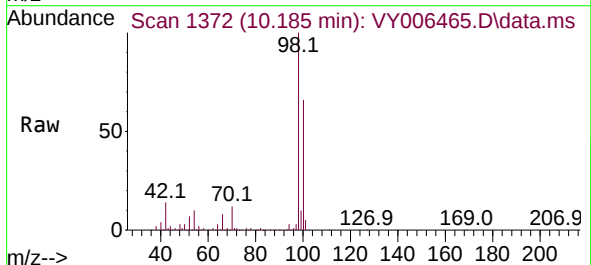
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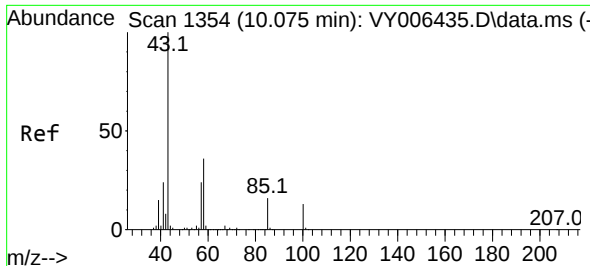
Tgt Ion:117 Resp: 8452
Ion Ratio Lower Upper
117 100
119 6.7 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.784 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Tgt Ion: 98 Resp: 190522
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

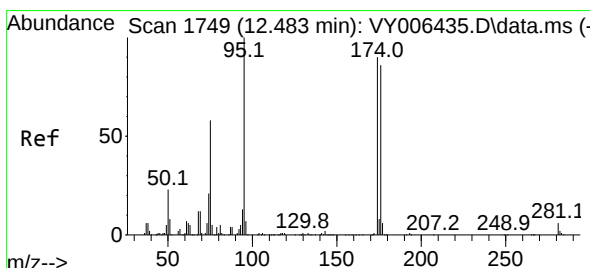
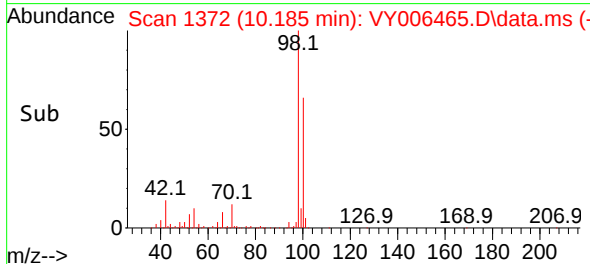
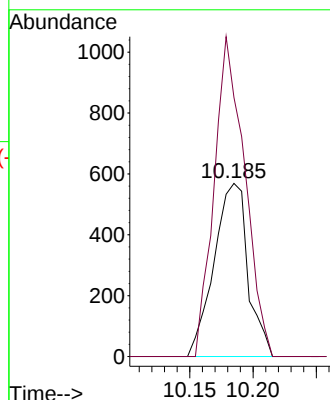
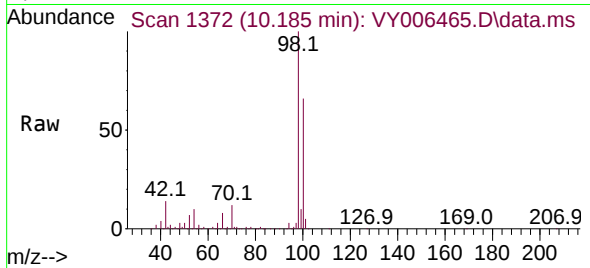




#51
4-Methyl-2-Pentanone
Concen: 1.111 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

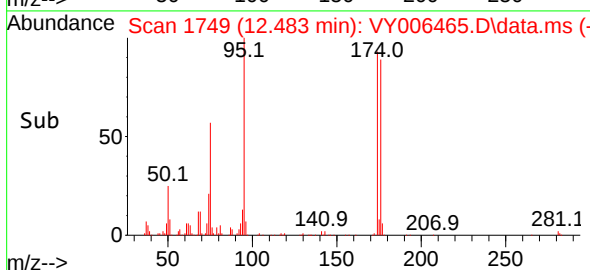
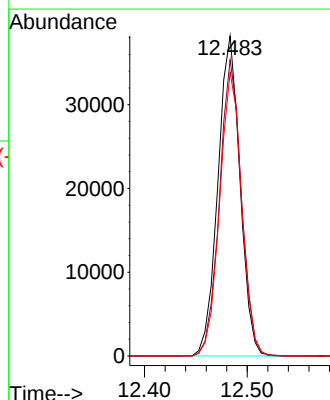
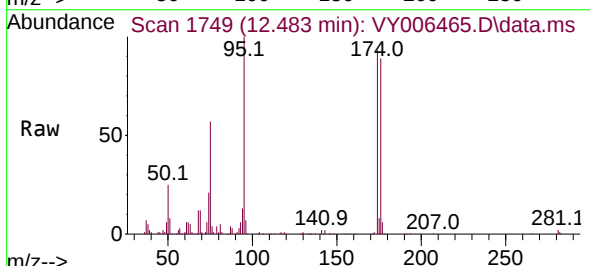
Instrument :
MSVOA_Y
ClientSampled :

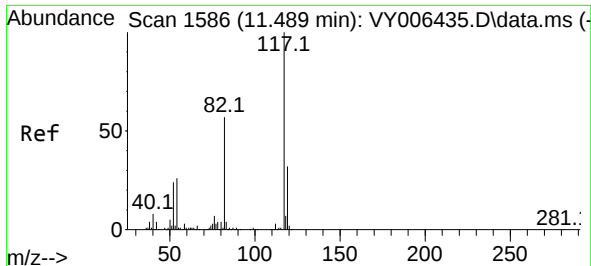
Tgt Ion: 43 Resp: 1059
Ion Ratio Lower Upper
43 100
58 166.5 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 47.657 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Tgt Ion: 95 Resp: 56868
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 88.3 0.0 169.4

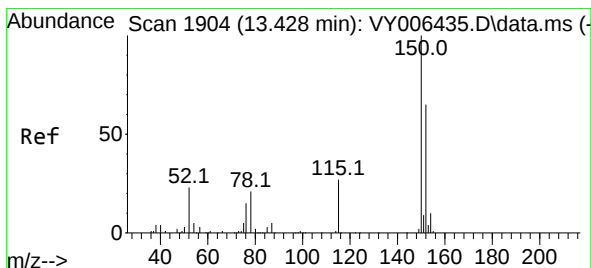
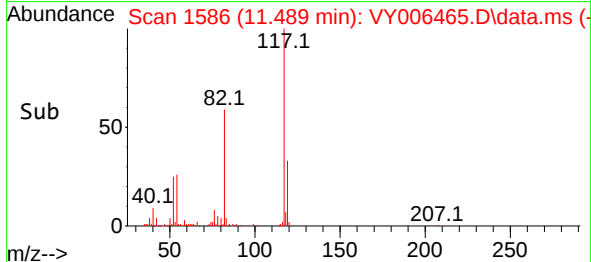
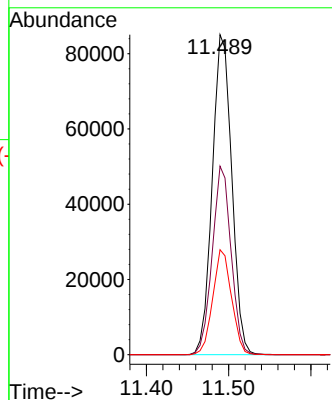
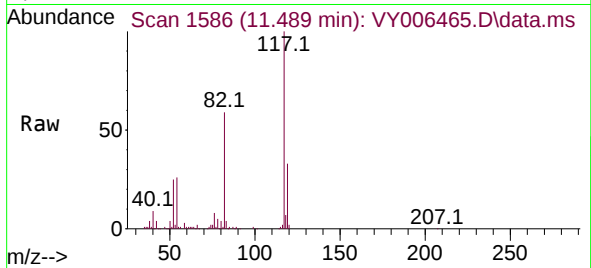




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

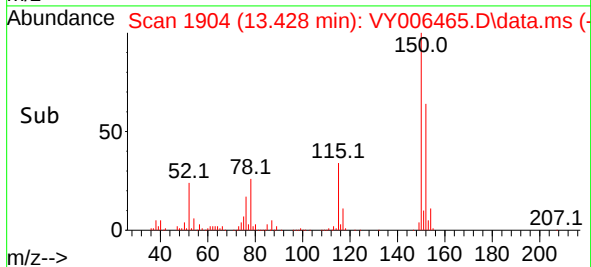
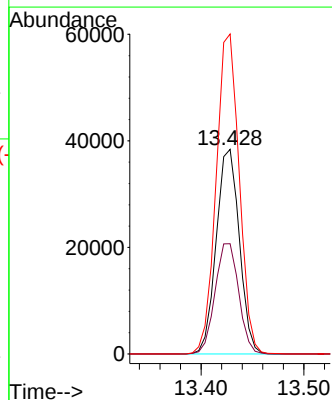
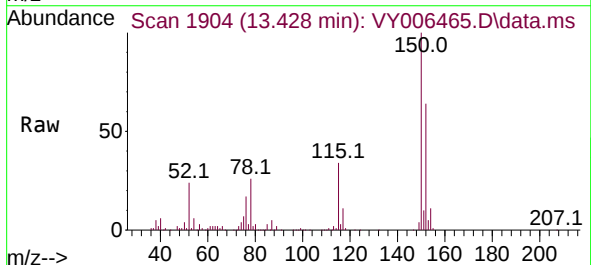
Instrument :
MSVOA_Y
ClientSampleId :

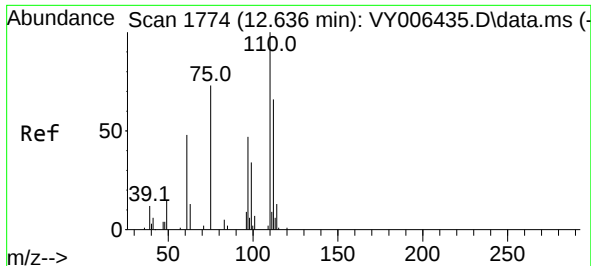
Tgt Ion:117 Resp: 140111
Ion Ratio Lower Upper
117 100
82 58.9 45.7 68.5
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Tgt Ion:152 Resp: 59933
Ion Ratio Lower Upper
152 100
115 55.1 28.5 85.5
150 155.9 0.0 348.2

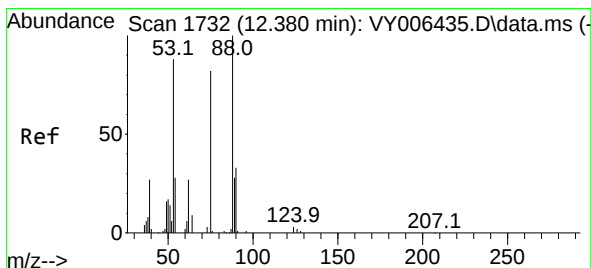
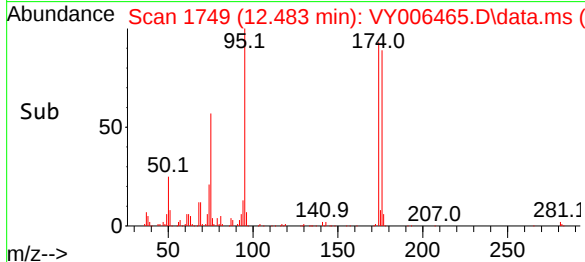
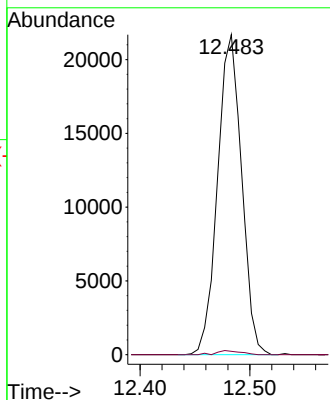
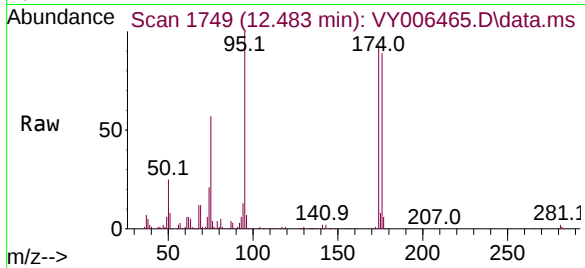




#76
1,2,3-Trichloropropane
Concen: 53.457 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 33015
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.746 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Tgt Ion: 75 Resp: 33015
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

