

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006516.D
 Acq On : 28 Oct 2021 15:23
 Operator : SY/MD
 Sample : M4375-07
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 07:04:51 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)

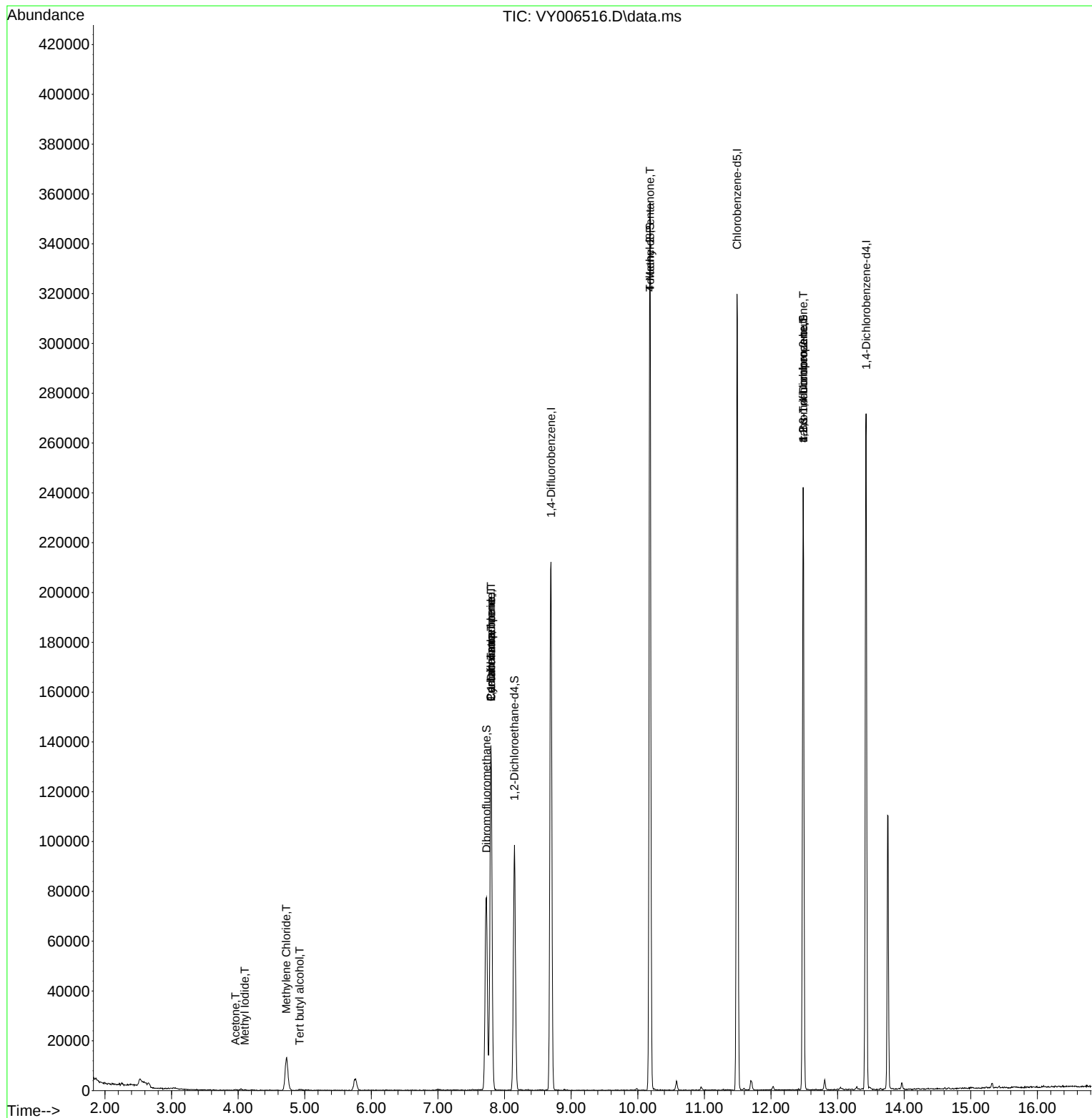
Internal Standards						
1) Pentafluorobenzene	7.795	168	104200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	174563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	160784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79516	62.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.020%	
35) Dibromofluoromethane	7.728	113	53002	54.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.940%	
50) Toluene-d8	10.185	98	223539	54.197	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.400%	
62) 4-Bromofluorobenzene	12.483	95	67029	48.244	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.480%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	183	5.220	ug/l #	75
11) Tert butyl alcohol	4.924	59	246	2.112	ug/l #	72
16) Acetone	3.960	43	522	1.414	ug/l #	89
20) Methylene Chloride	4.723	84	8909	4.073	ug/l	97
31) Cyclohexane	7.795	56	2632	1.268	ug/l #	37
36) 1,1-Dichloropropene	7.795	75	8591	4.981	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10211	5.366	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1167	1.051	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	38747	56.536	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38747	116.067	ug/l #	7

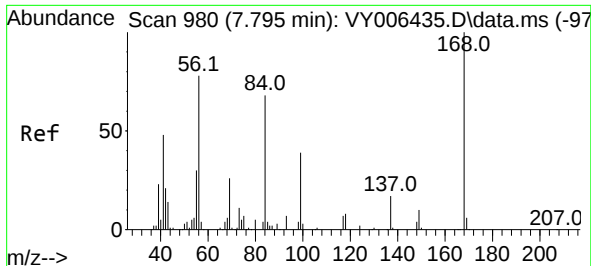
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
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MSVOA_Y
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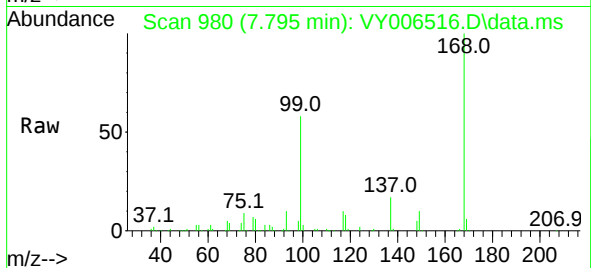
Quant Time: Oct 29 07:04:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
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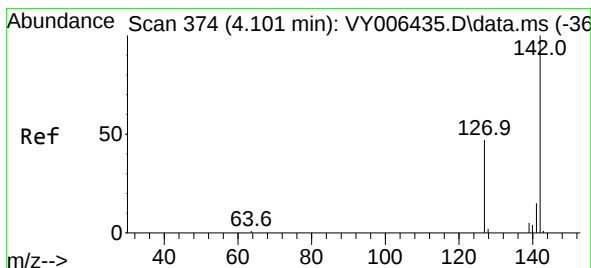
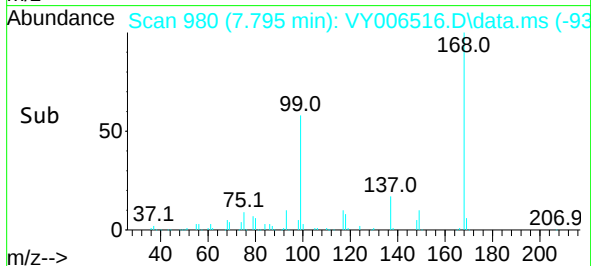
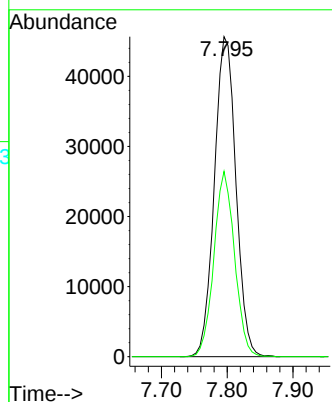


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

Instrument :
MSVOA_Y
ClientSampled :

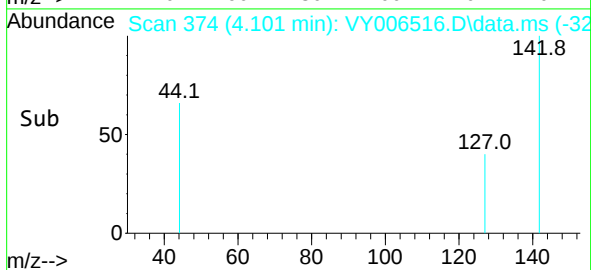
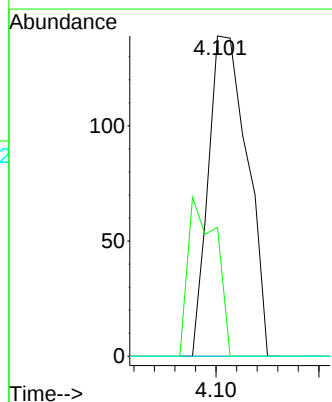
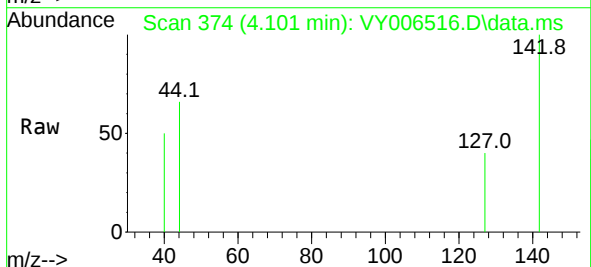


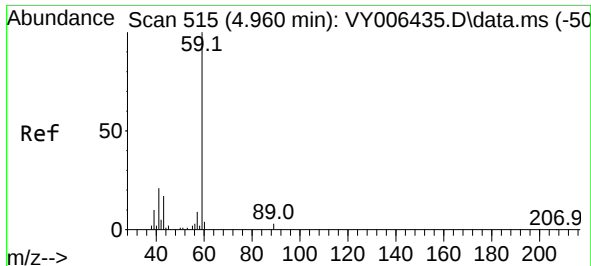
Tgt Ion:168 Resp: 104200
Ion Ratio Lower Upper
168 100
99 57.9 44.8 67.2



#10
Methyl Iodide
Concen: 5.220 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
142 100
127 35.5 40.1 60.1#
141 0.0 12.5 18.7#

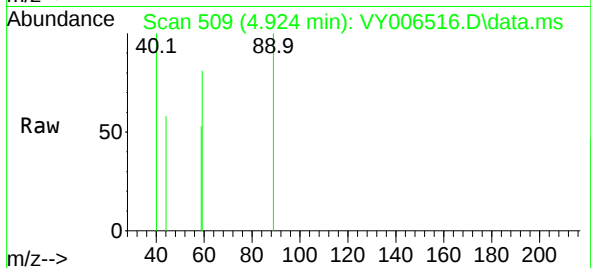




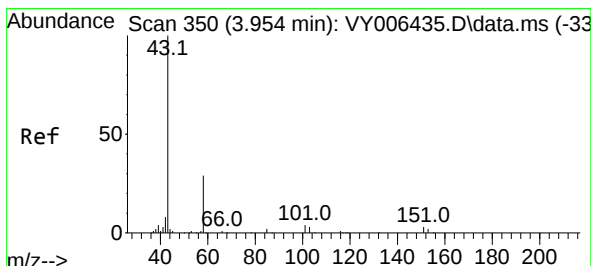
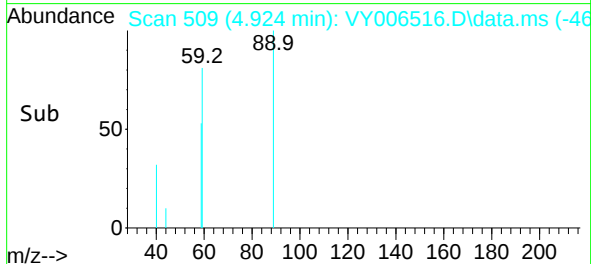
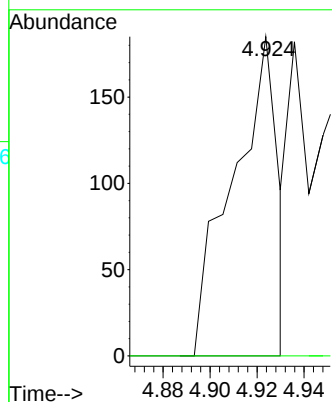
#11

Tert butyl alcohol
Concen: 2.112 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.036 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

Instrument :
MSVOA_Y
ClientSampled :



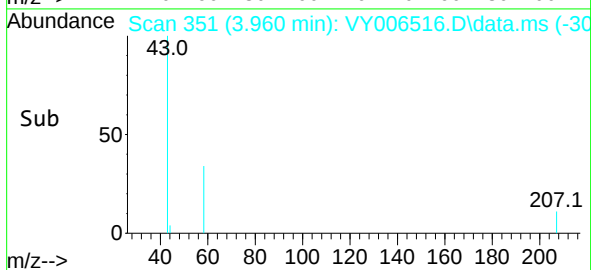
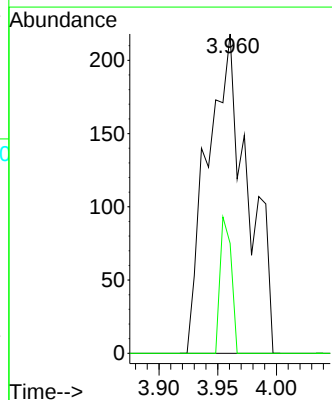
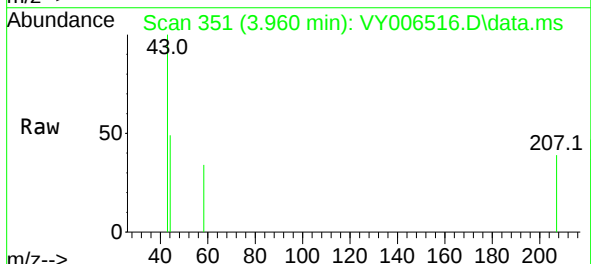
Tgt Ion: 59 Resp: 246
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

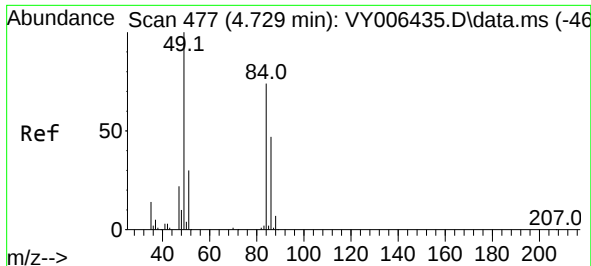


#16

Acetone
Concen: 1.414 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

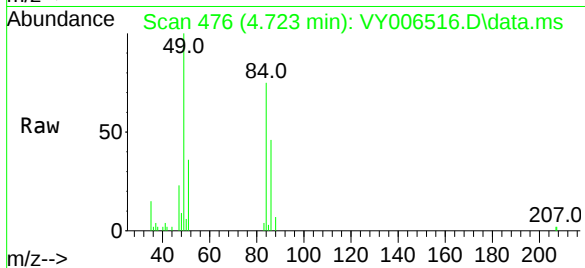
Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
58 34.4 22.9 34.3#





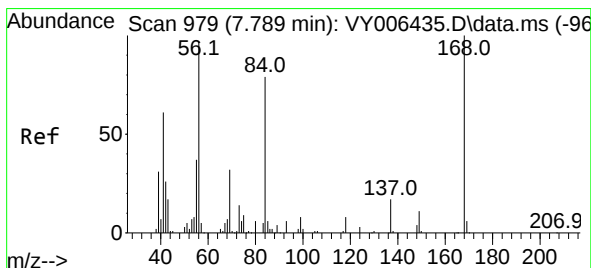
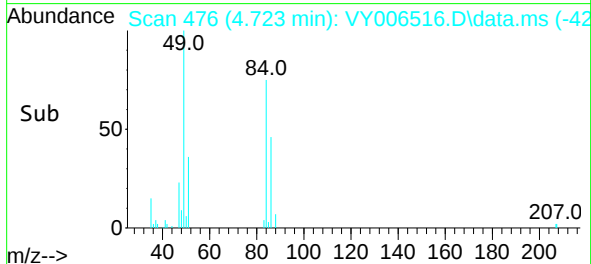
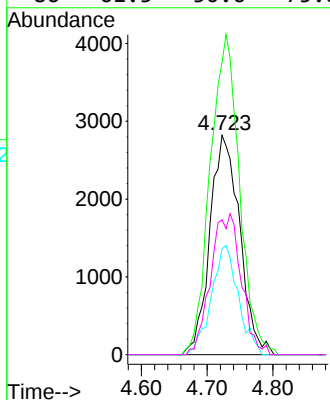
#20
Methylene Chloride
Concen: 4.073 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 8909

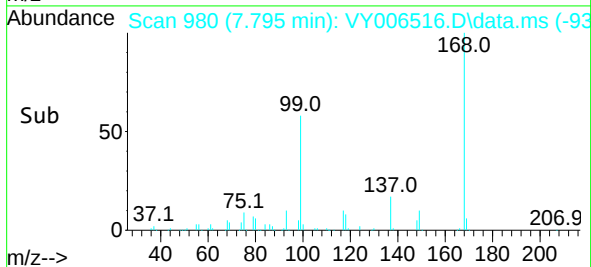
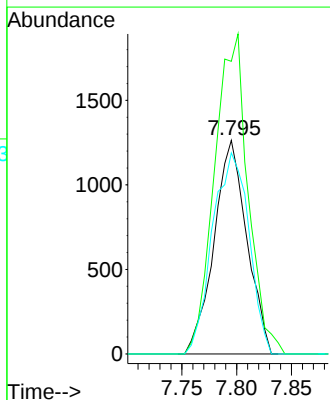
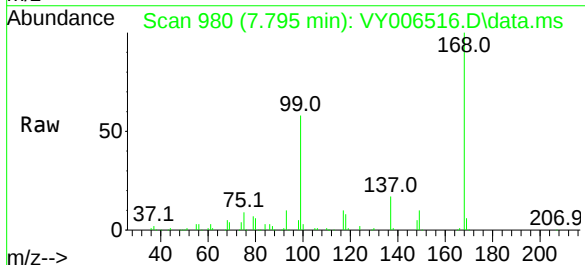
Ion	Ratio	Lower	Upper
84	100		
49	133.3	107.8	161.8
51	48.3	32.8	49.2
86	61.5	50.6	75.8

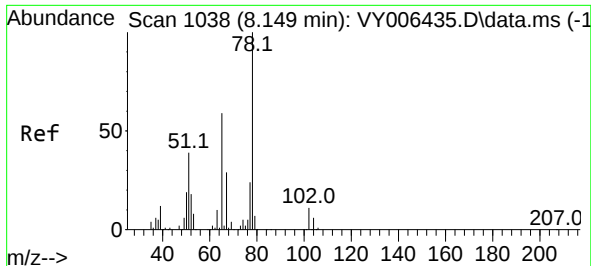


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

Tgt Ion: 56 Resp: 2632

Ion	Ratio	Lower	Upper
56	100		
69	136.9	26.6	40.0#
84	94.1	65.0	97.4

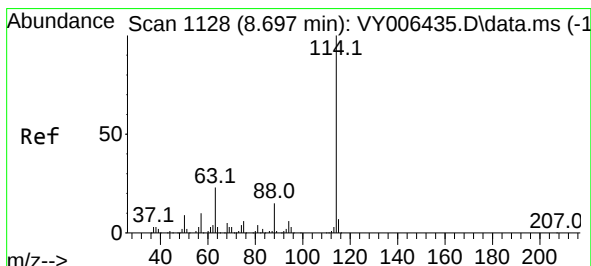
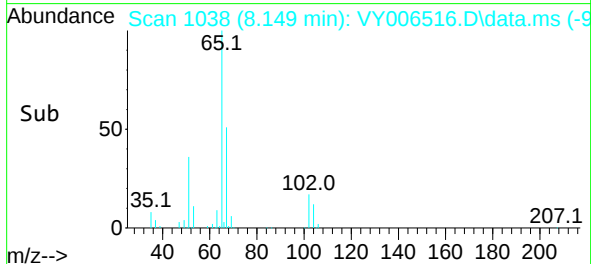
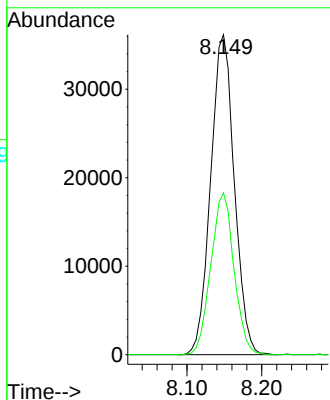
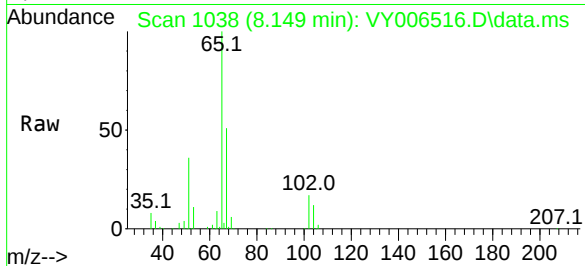




#33
1,2-Dichloroethane-d4
Concen: 62.013 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

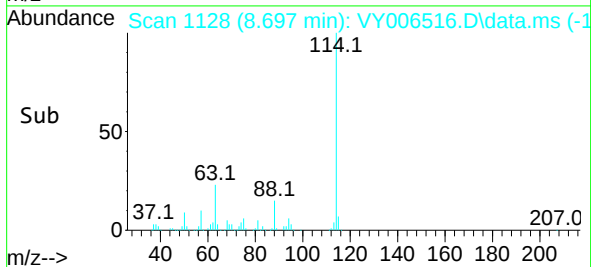
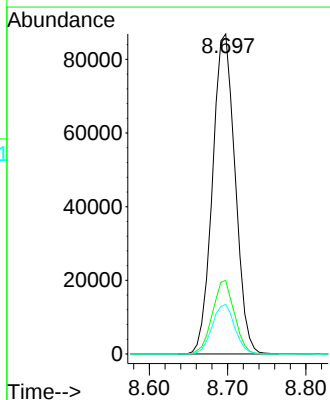
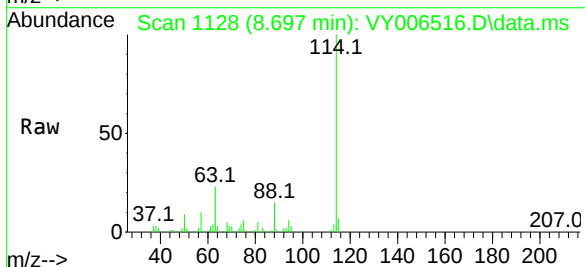
Instrument :
MSVOA_Y
ClientSampleId :

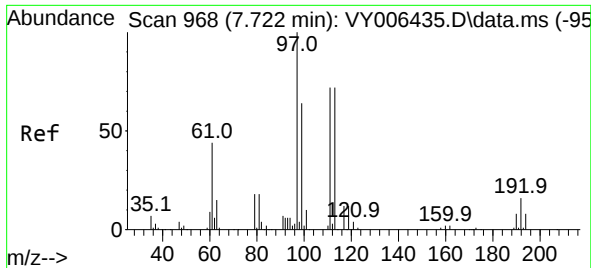
Tgt Ion: 65 Resp: 79516
Ion Ratio Lower Upper
65 100
67 49.5 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

Tgt Ion: 114 Resp: 174563
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 15.5 0.0 30.6

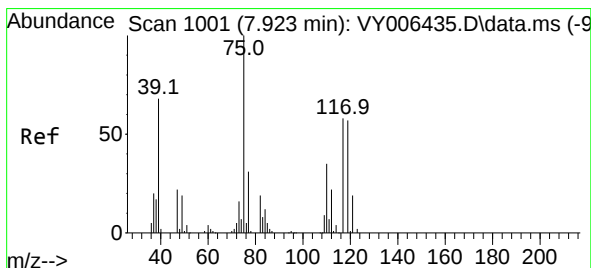
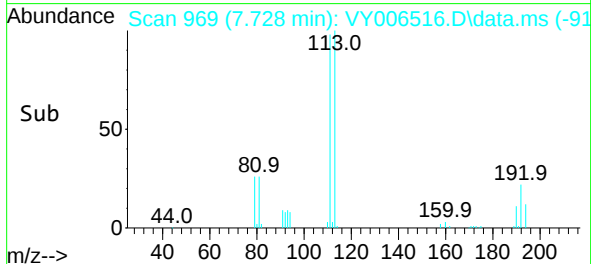
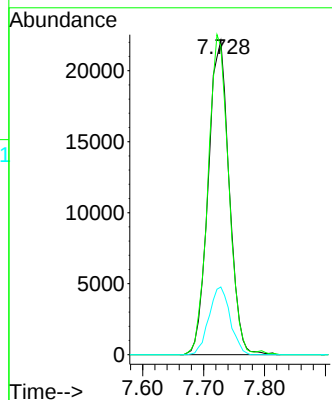
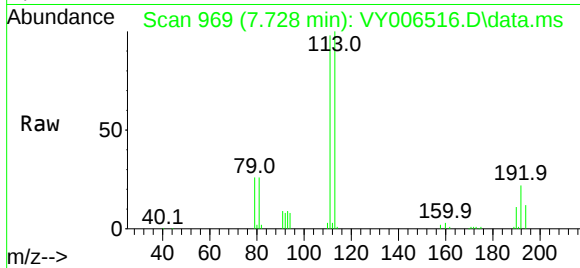




#35
Dibromofluoromethane
Concen: 54.475 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

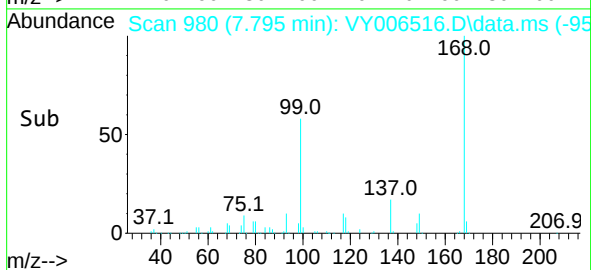
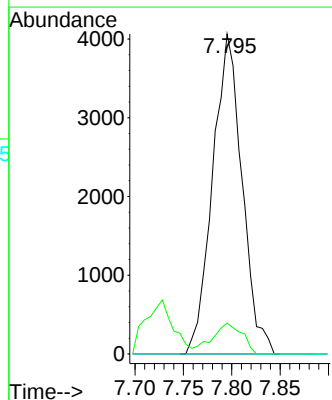
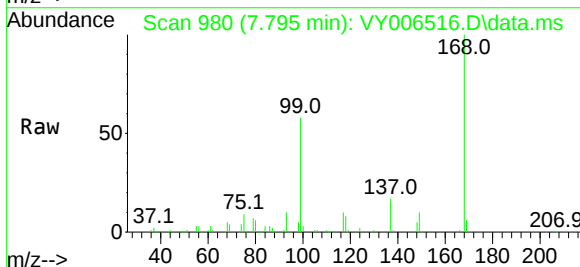
Instrument :
MSVOA_Y
ClientSampleId :

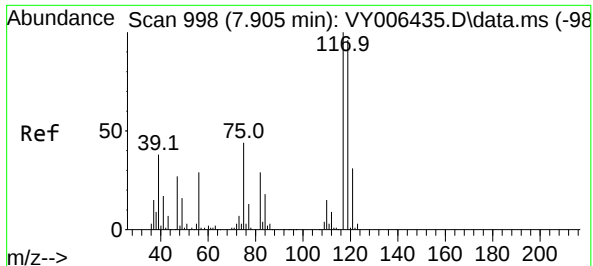
Tgt Ion:113 Resp: 53002
Ion Ratio Lower Upper
113 100
111 100.2 82.3 123.5
192 21.7 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.981 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

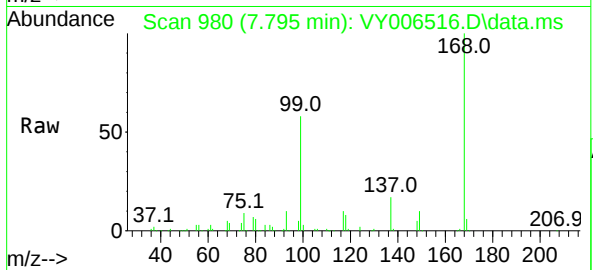
Tgt Ion: 75 Resp: 8591
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.3#
77 0.0 24.9 37.3#



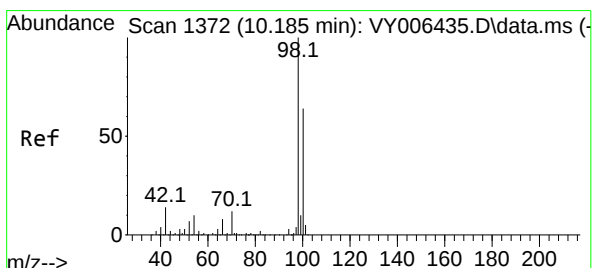
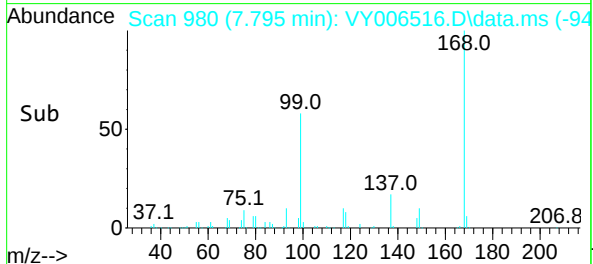
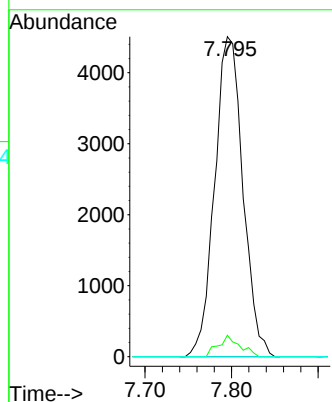


#38
Carbon Tetrachloride
Concen: 5.366 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

Instrument :
MSVOA_Y
ClientSampled :

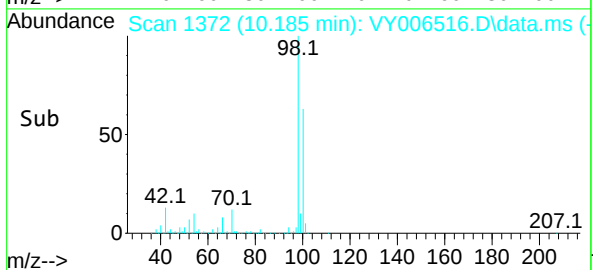
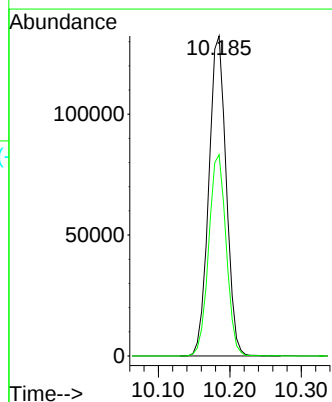
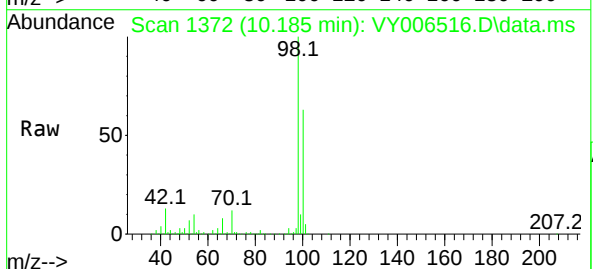


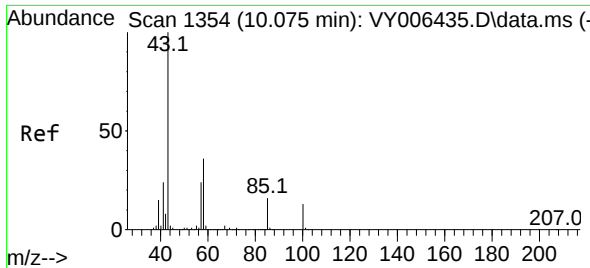
Tgt Ion:117 Resp: 10211
Ion Ratio Lower Upper
117 100
119 6.7 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.197 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

Tgt Ion: 98 Resp: 223539
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

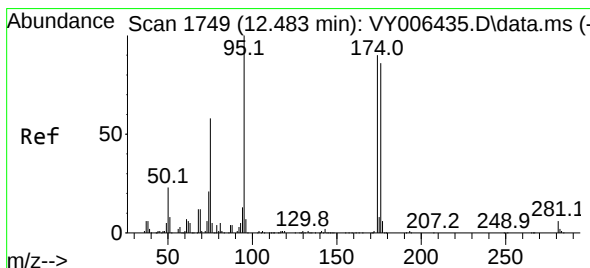
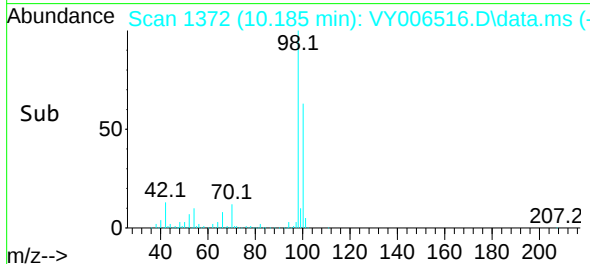
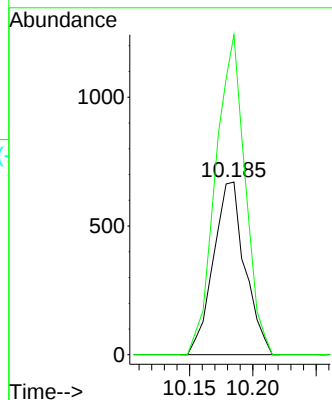
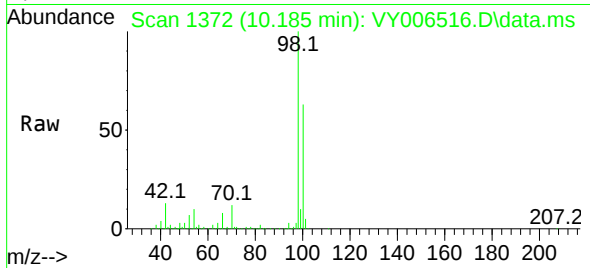




#51
4-Methyl-2-Pentanone
Concen: 1.051 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

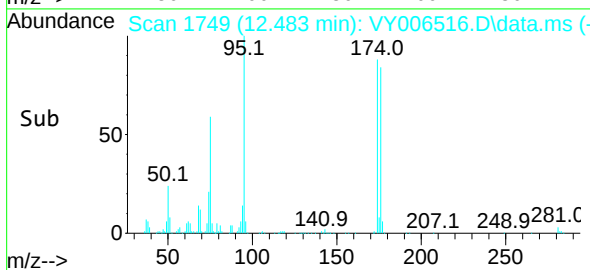
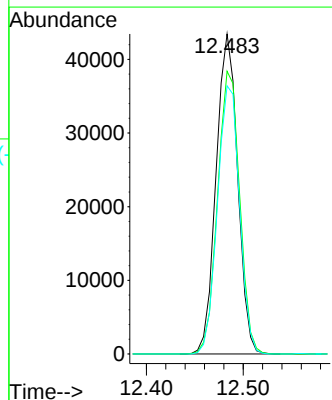
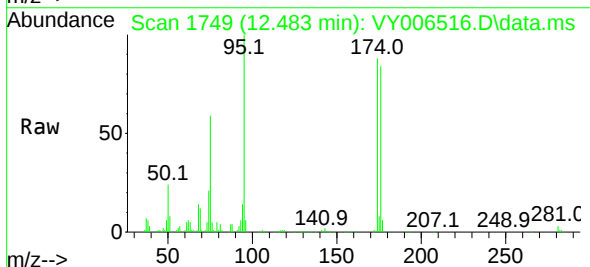
Instrument :
MSVOA_Y
ClientSampled :

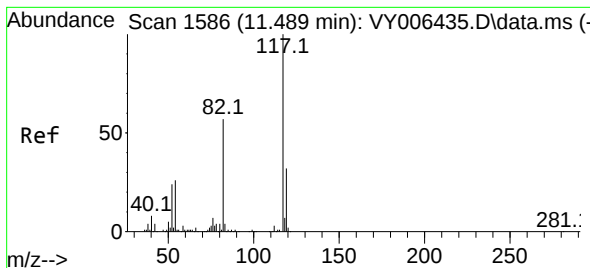
Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
58 173.2 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 48.244 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

Tgt Ion: 95 Resp: 67029
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 85.8 0.0 169.4

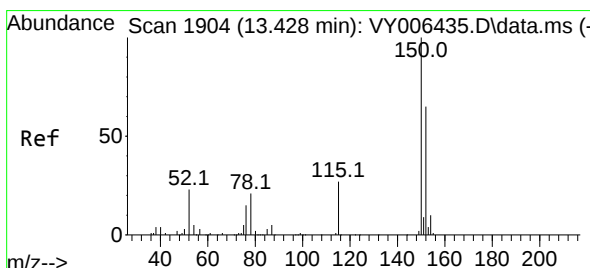
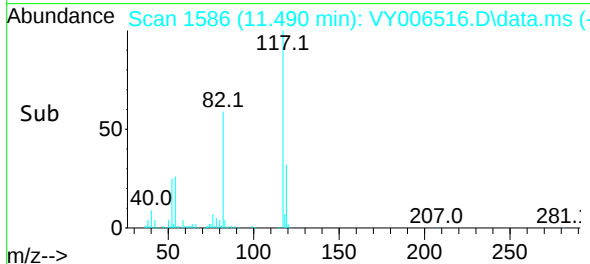
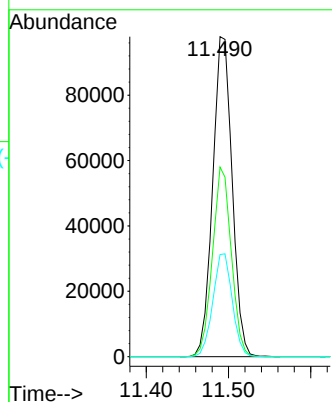
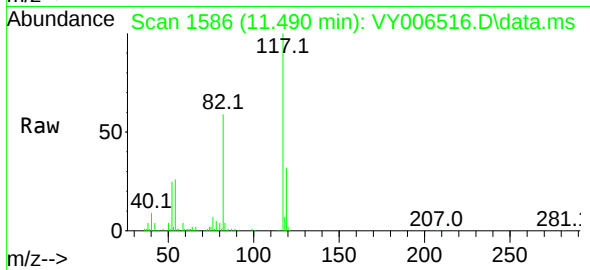




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

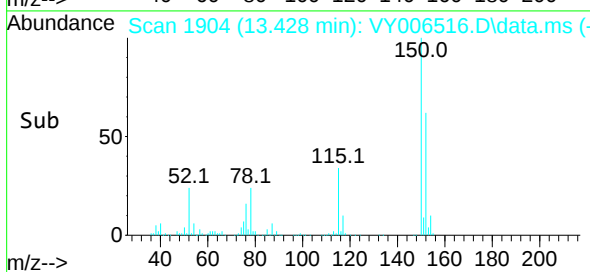
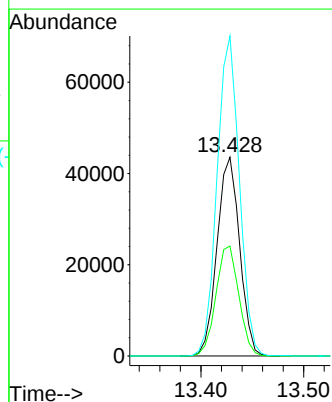
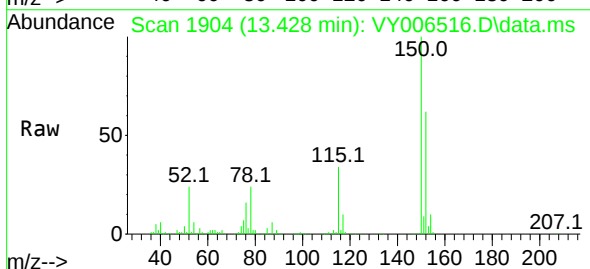
Instrument :
MSVOA_Y
ClientSampleId :

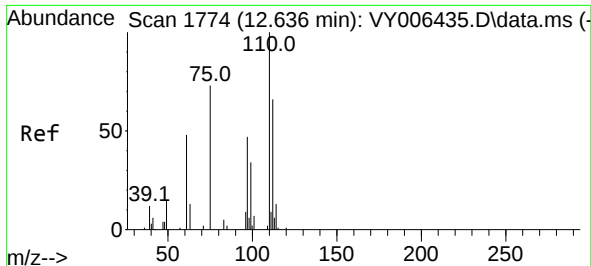
Tgt Ion:117 Resp: 160784
Ion Ratio Lower Upper
117 100
82 59.2 45.7 68.5
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

Tgt Ion:152 Resp: 66508
Ion Ratio Lower Upper
152 100
115 56.0 28.5 85.5
150 158.5 0.0 348.2

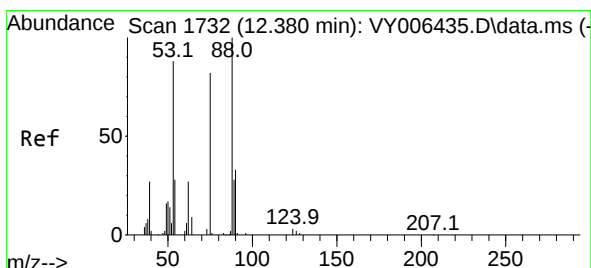
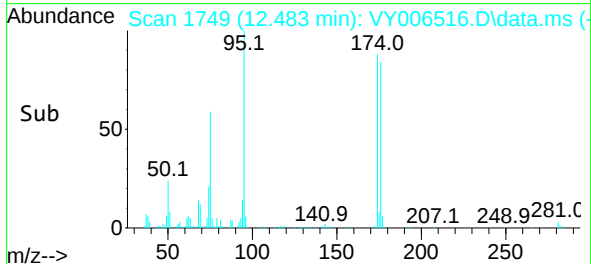
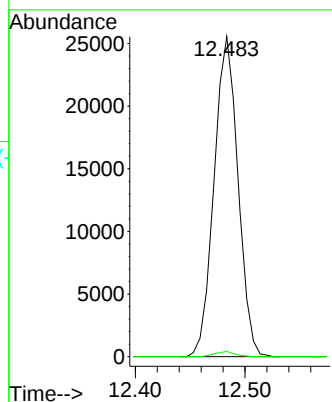
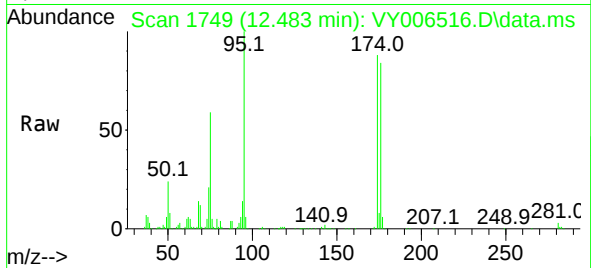




#76
1,2,3-Trichloropropane
Concen: 56.536 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 38747
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.067 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006516.D
Acq: 28 Oct 2021 15:23

Tgt Ion: 75 Resp: 38747
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

