

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006216.D
 Acq On : 29 Sep 2021 16:28
 Operator : SY/MD
 Sample : M3987-02
 Misc : 3.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 07:01:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

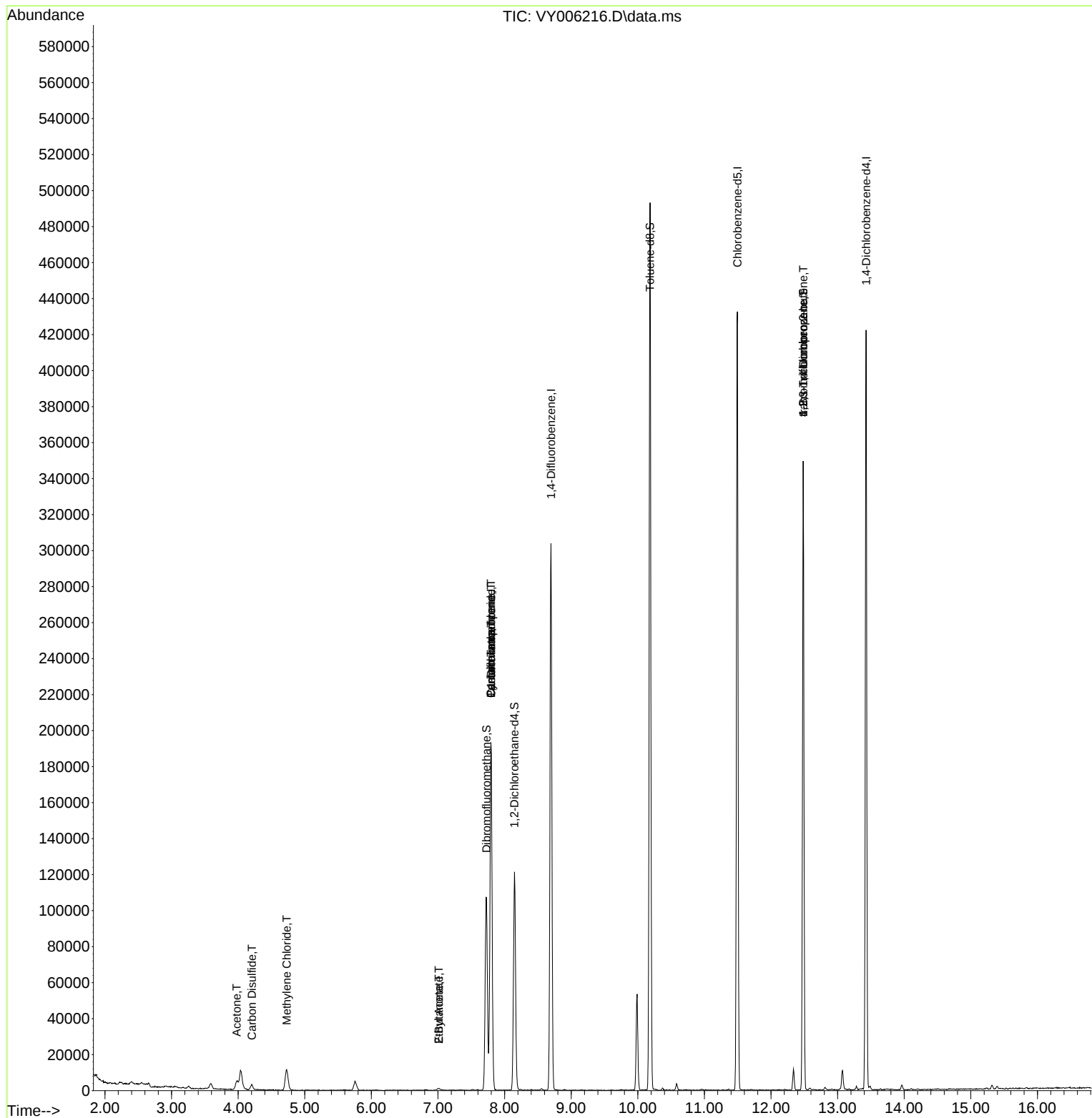
Internal Standards						
1) Pentafluorobenzene	7.795	168	149039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	247423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	228159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96632	60.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.160%	
35) Dibromofluoromethane	7.728	113	74684	56.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.000%	
50) Toluene-d8	10.185	98	312166	56.426	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.860%	
62) 4-Bromofluorobenzene	12.483	95	97124	51.678	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.360%	
Target Compounds						
					Qvalue	
16) Acetone	3.979	43	13508	30.319	ug/l	99
17) Carbon Disulfide	4.204	76	5206	1.115	ug/l	98
20) Methylene Chloride	4.728	84	7911	1.521	ug/l	92
25) 2-Butanone	7.015	43	2601	4.191	ug/l	98
31) Cyclohexane	7.795	56	3409	1.128	ug/l #	34
36) 1,1-Dichloropropene	7.795	75	11611	4.717	ug/l #	50
37) Ethyl Acetate	7.015	43	2601	1.814	ug/l #	72
38) Carbon Tetrachloride	7.795	117	14262	5.487	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	54181	54.650	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54181	107.395	ug/l #	7

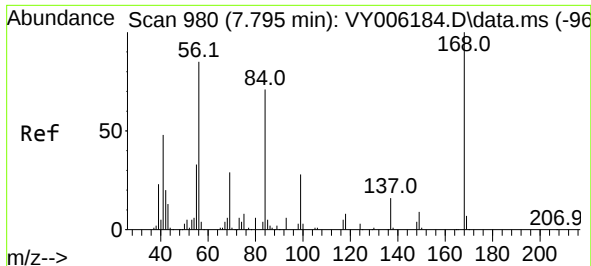
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

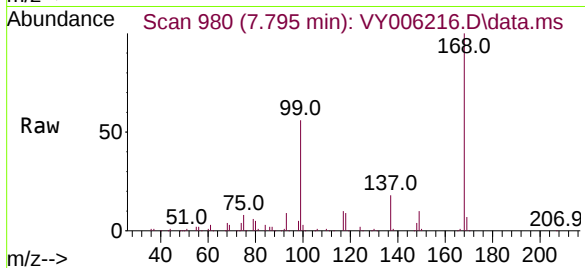
Quant Time: Sep 30 07:01:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
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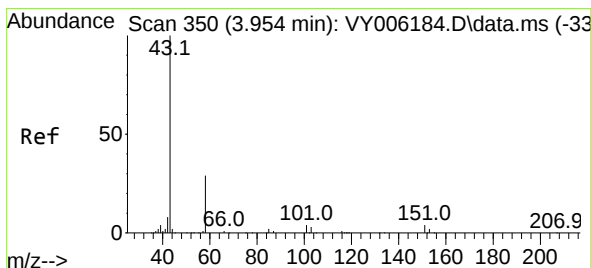
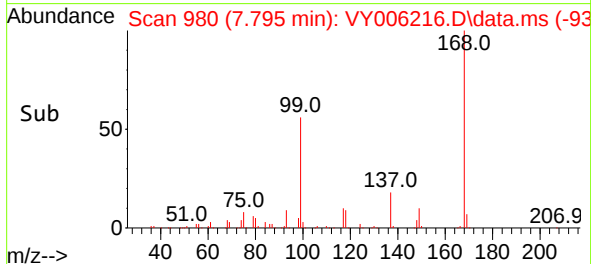
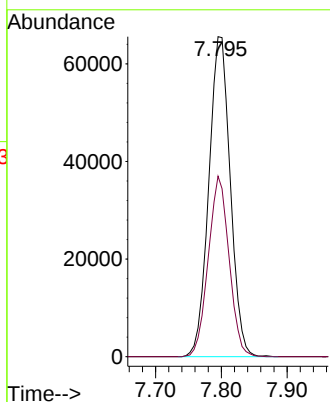


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006216.D
Acq: 29 Sep 2021 16:28

Instrument :
MSVOA_Y
ClientSampleId :

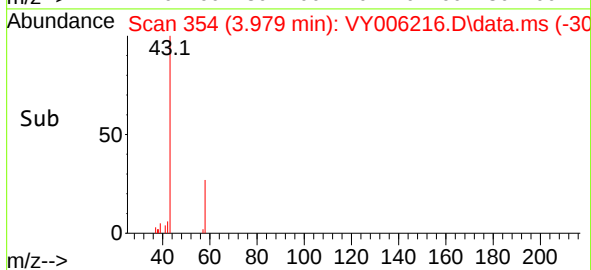
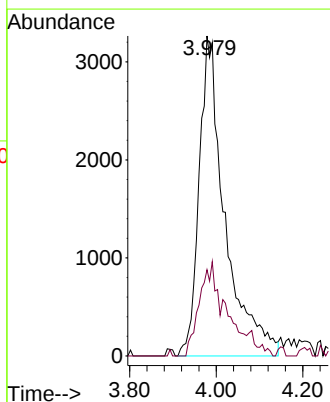
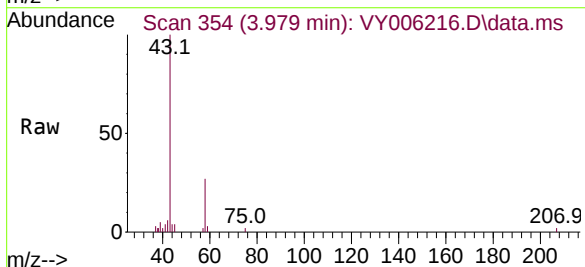


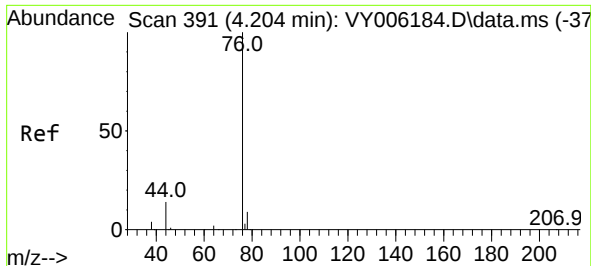
Tgt Ion:168 Resp: 149039
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#16
Acetone
Concen: 30.319 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.025 min
Lab File: VY006216.D
Acq: 29 Sep 2021 16:28

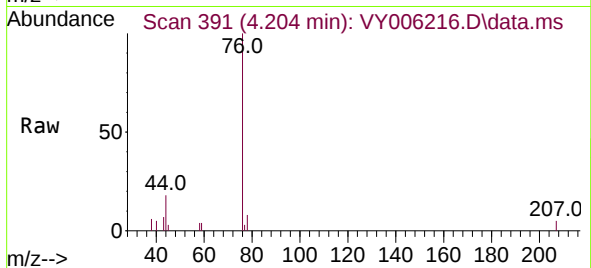
Tgt Ion: 43 Resp: 13508
Ion Ratio Lower Upper
43 100
58 27.0 22.0 33.0



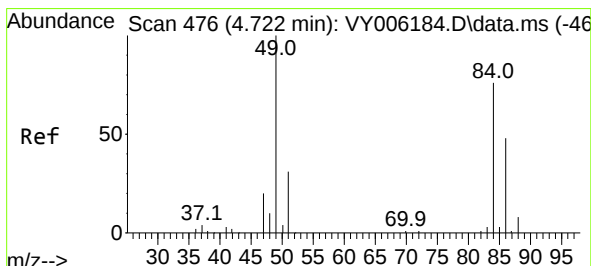
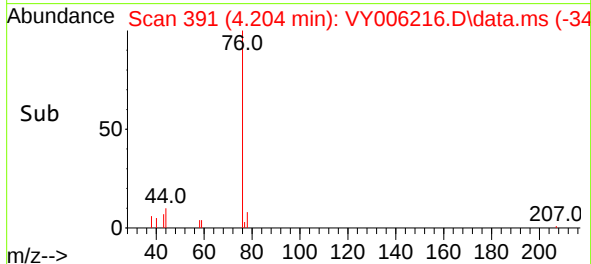
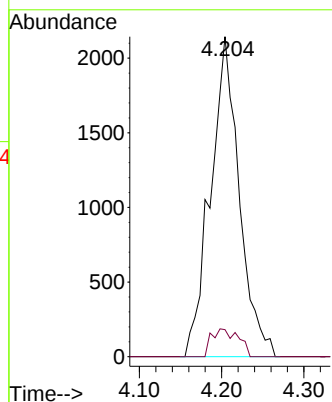


#17
Carbon Disulfide
Concen: 1.115 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006216.D
Acq: 29 Sep 2021 16:28

Instrument :
MSVOA_Y
ClientSampleId :

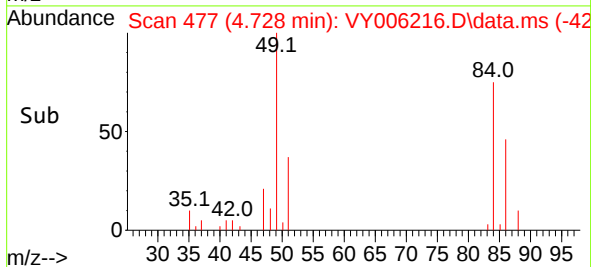
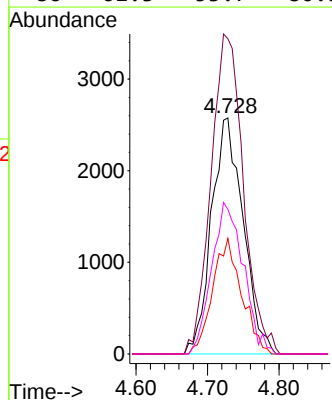
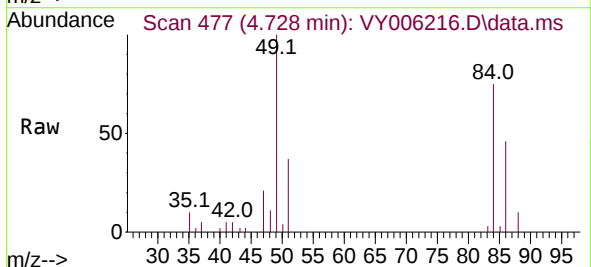


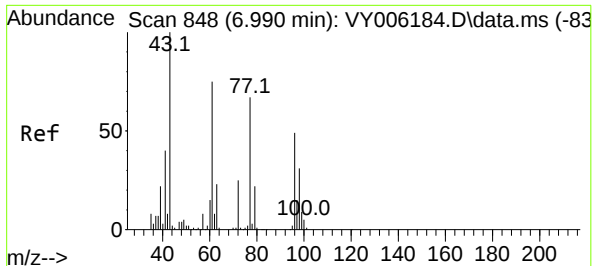
Tgt Ion: 76 Resp: 5206
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#20
Methylene Chloride
Concen: 1.521 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006216.D
Acq: 29 Sep 2021 16:28

Tgt Ion: 84 Resp: 7911
Ion Ratio Lower Upper
84 100
49 133.6 114.4 171.6
51 49.0 35.3 52.9
86 61.3 53.7 80.5





#25

2-Butanone

Concen: 4.191 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.024 min

Lab File: VY006216.D

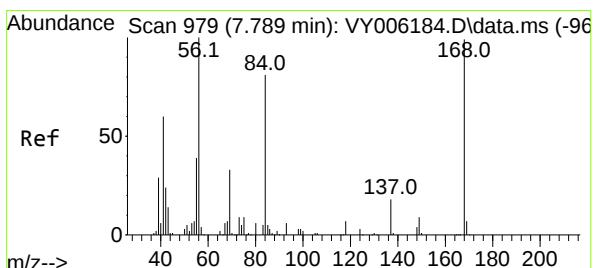
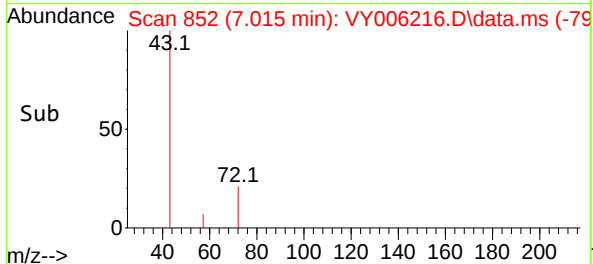
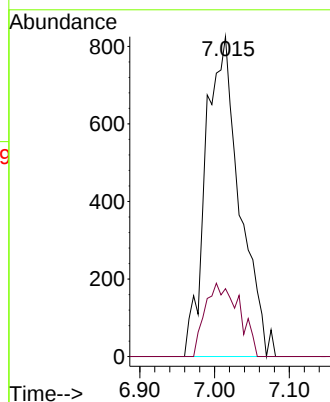
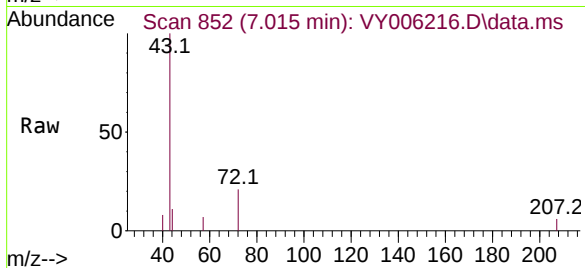
Acq: 29 Sep 2021 16:28

Tgt Ion: 43 Resp: 2601

Ion Ratio Lower Upper

43 100

72 21.2 17.7 26.5



#31

Cyclohexane

Concen: 1.128 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY006216.D

Acq: 29 Sep 2021 16:28

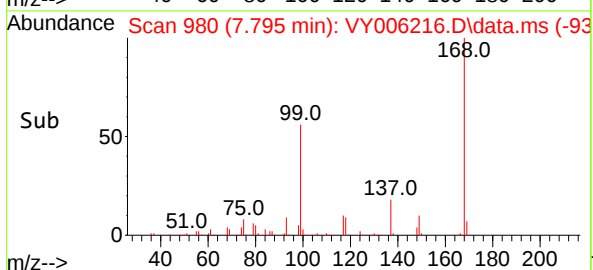
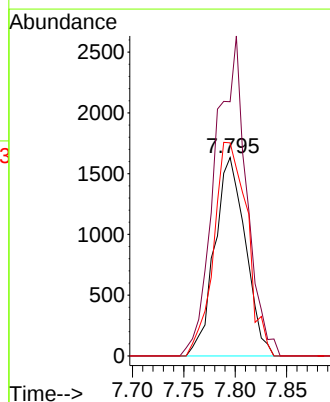
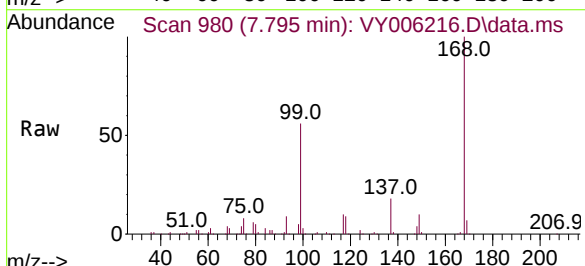
Tgt Ion: 56 Resp: 3409

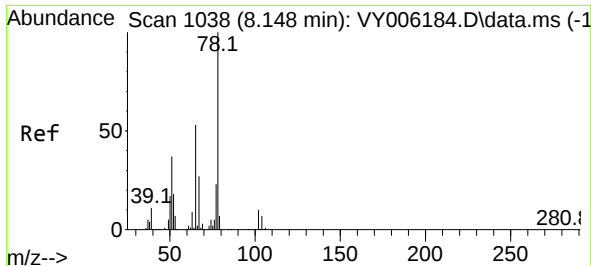
Ion Ratio Lower Upper

56 100

69 128.1 26.7 40.1#

84 107.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.579 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006216.D

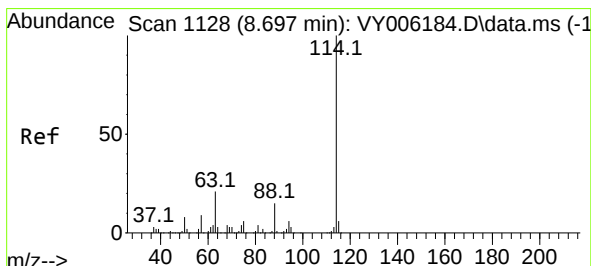
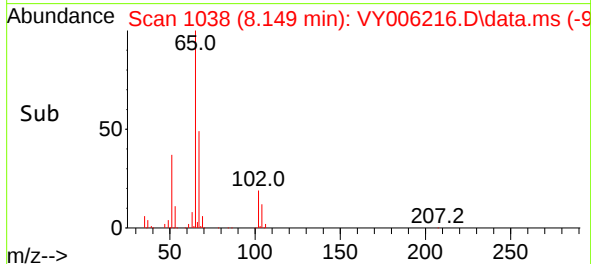
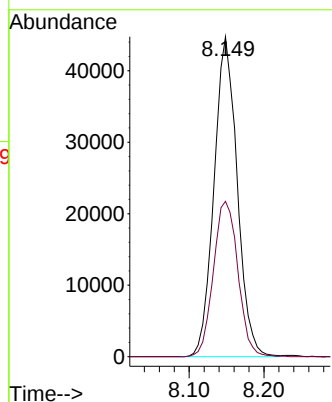
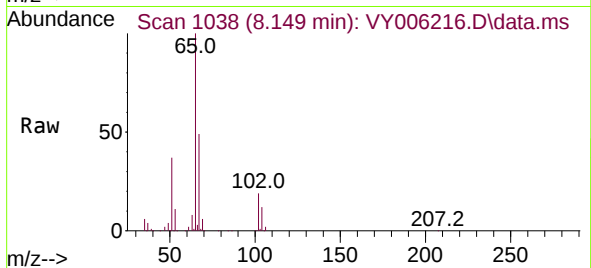
Acq: 29 Sep 2021 16:28

Tgt Ion: 65 Resp: 96632

Ion Ratio Lower Upper

65 100

67 51.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006216.D

Acq: 29 Sep 2021 16:28

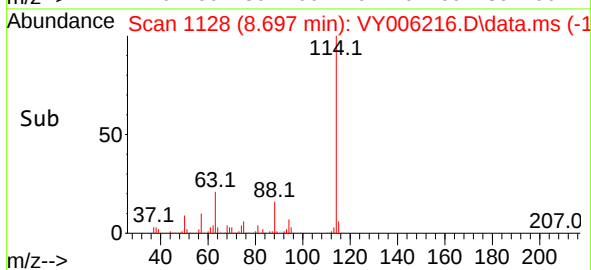
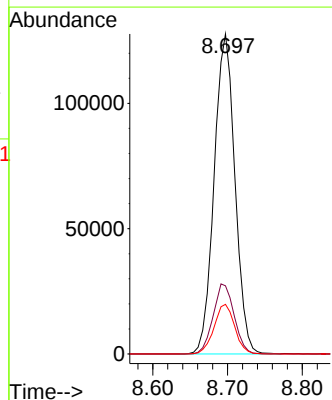
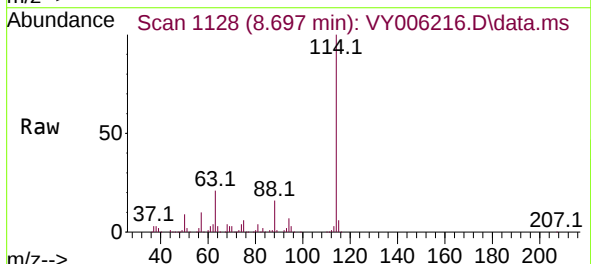
Tgt Ion: 114 Resp: 247423

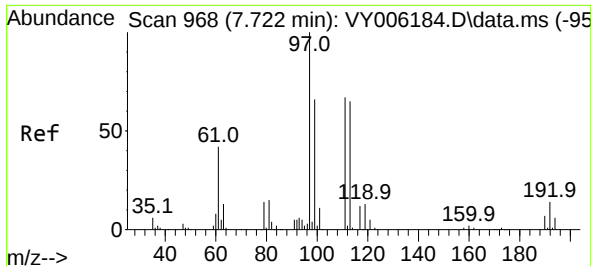
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 56.498 ug/l

RT: 7.728 min Scan# 969

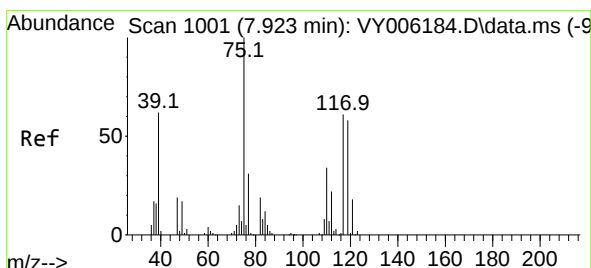
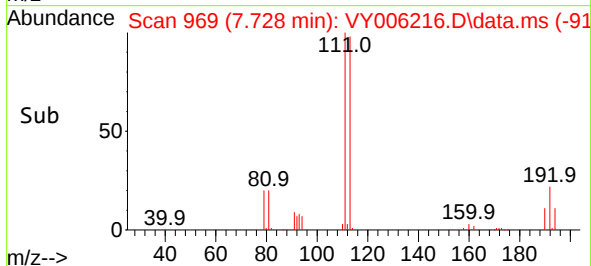
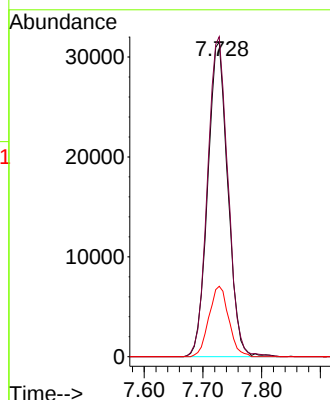
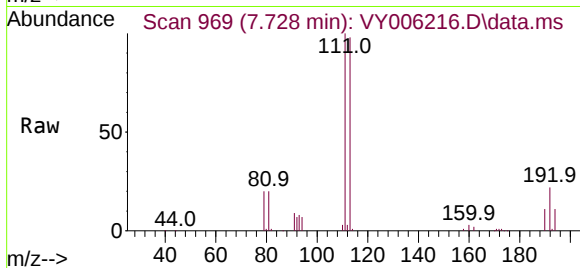
Delta R.T. 0.006 min

Lab File: VY006216.D

Acq: 29 Sep 2021 16:28

Tgt Ion:	113	Resp:	74684
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	22.0	17.6	26.4

Instrument :
MSVOA_Y
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.717 ug/l

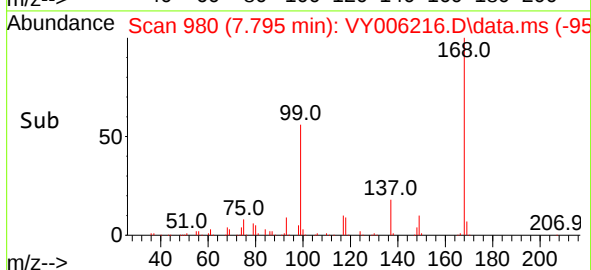
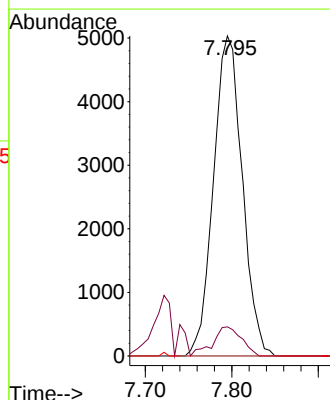
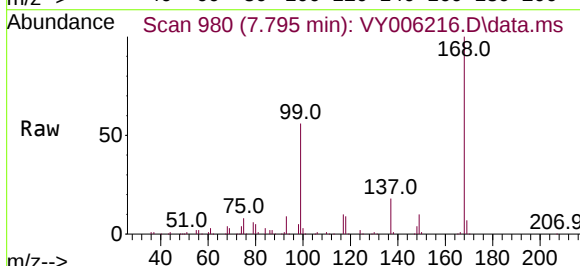
RT: 7.795 min Scan# 980

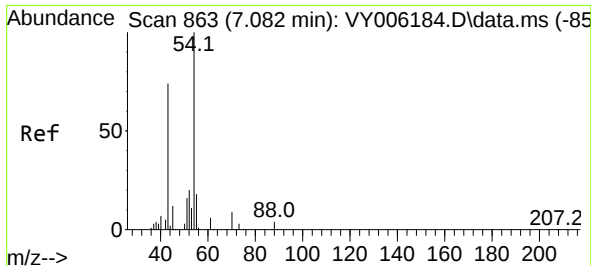
Delta R.T. -0.128 min

Lab File: VY006216.D

Acq: 29 Sep 2021 16:28

Tgt Ion:	75	Resp:	11611
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.1	51.2#
77	0.0	24.4	36.6#





#37

Ethyl Acetate

Concen: 1.814 ug/l

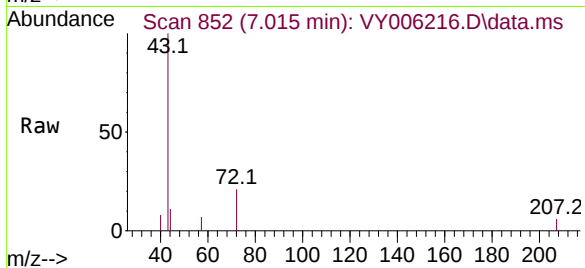
RT: 7.015 min Scan# 852

Delta R.T. -0.067 min

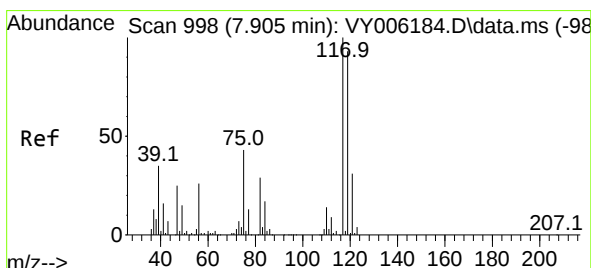
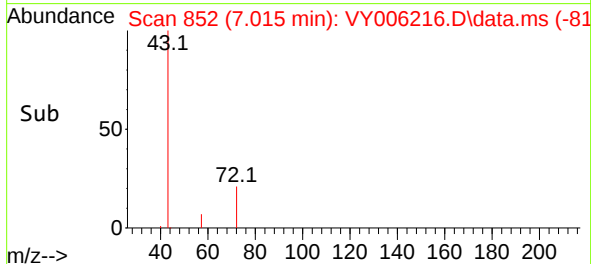
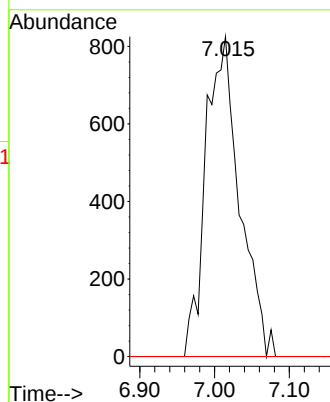
Lab File: VY006216.D

Acq: 29 Sep 2021 16:28

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 43	Resp: 2601
Ion Ratio	Lower Upper
43 100	
61 0.0	9.7 14.5#
70 0.0	7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.487 ug/l

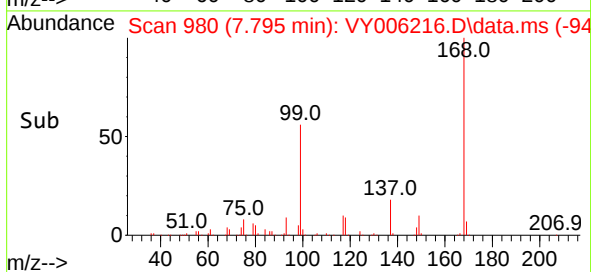
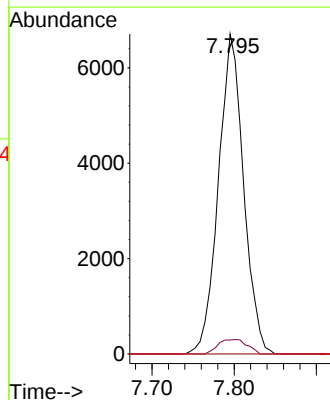
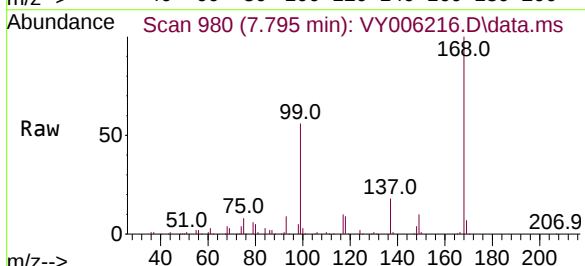
RT: 7.795 min Scan# 980

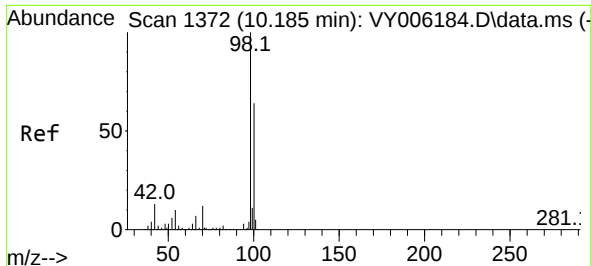
Delta R.T. -0.110 min

Lab File: VY006216.D

Acq: 29 Sep 2021 16:28

Tgt Ion: 117	Resp: 14262
Ion Ratio	Lower Upper
117 100	
119 4.4	77.9 116.9#
121 0.0	24.8 37.2#

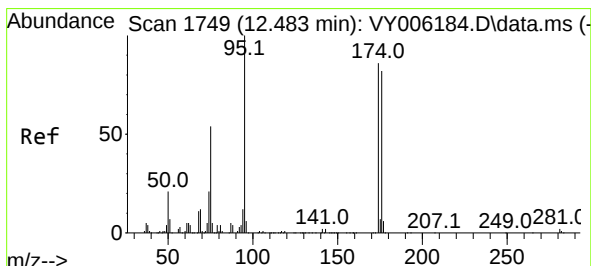
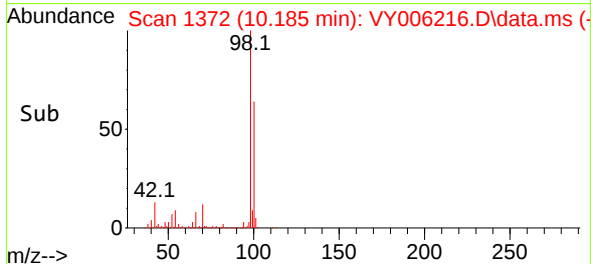
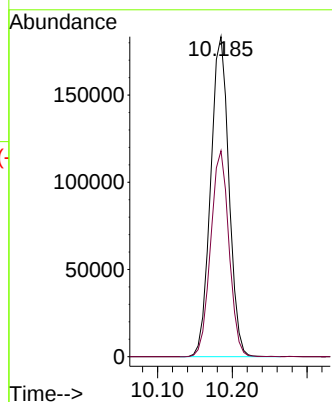
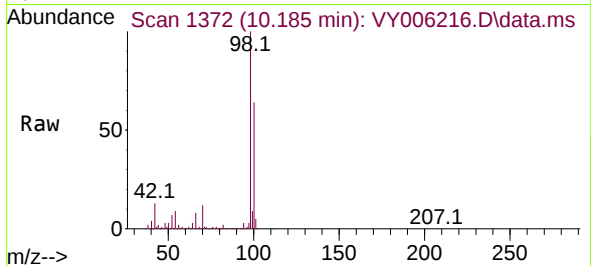




#50
Toluene-d8
Concen: 56.426 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006216.D
Acq: 29 Sep 2021 16:28

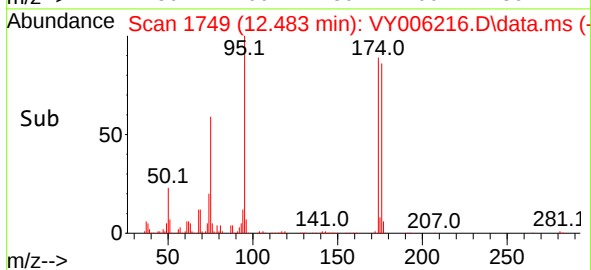
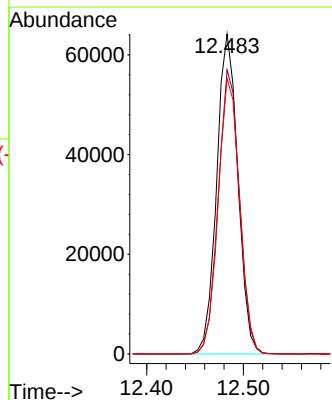
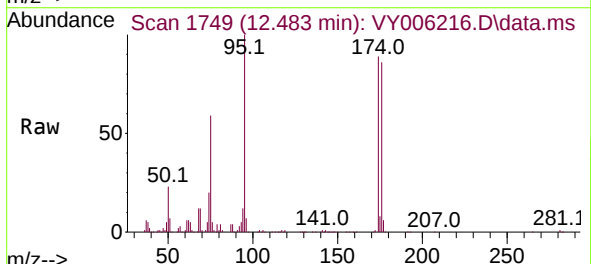
Instrument :
MSVOA_Y
ClientSampled :

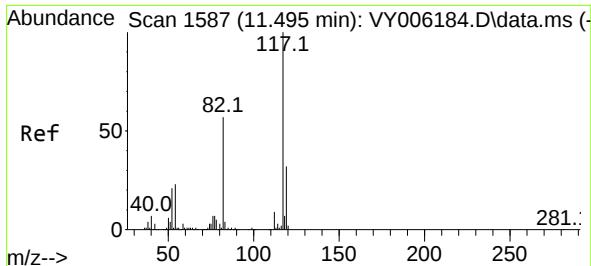
Tgt Ion: 98 Resp: 312166
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.678 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006216.D
Acq: 29 Sep 2021 16:28

Tgt Ion: 95 Resp: 97124
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 87.5 0.0 175.8

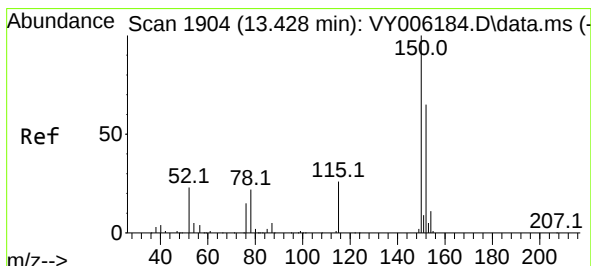
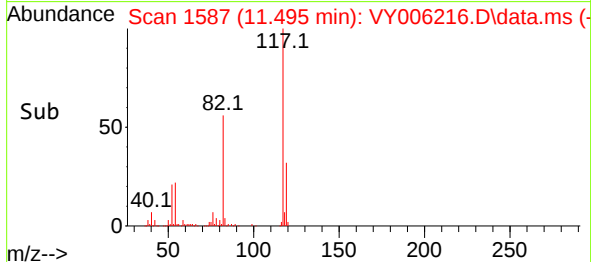
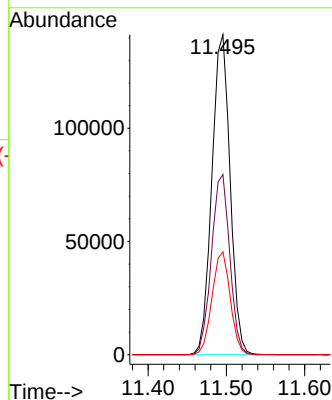
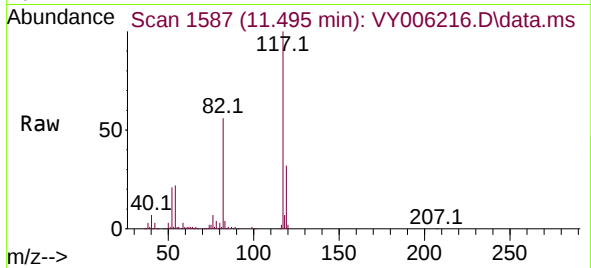




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006216.D
Acq: 29 Sep 2021 16:28

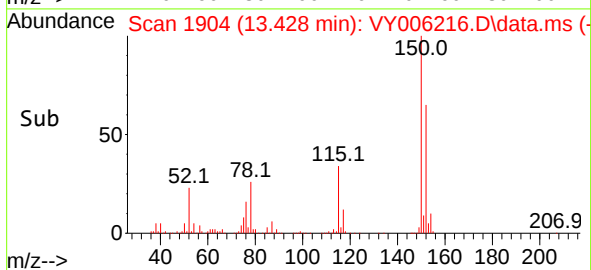
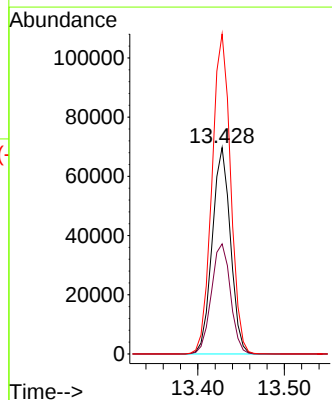
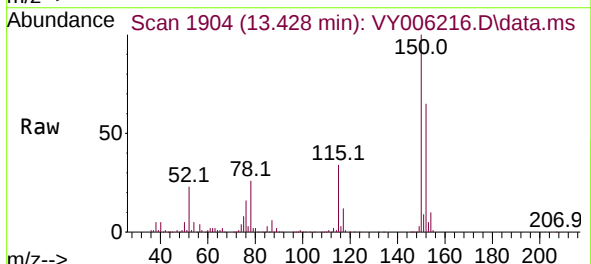
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 228159
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 32.2 25.4 38.0

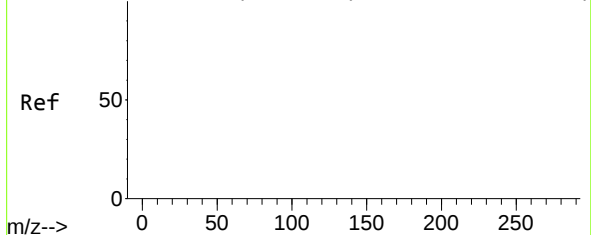


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006216.D
Acq: 29 Sep 2021 16:28

Tgt Ion:152 Resp: 102003
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 158.2 0.0 347.6



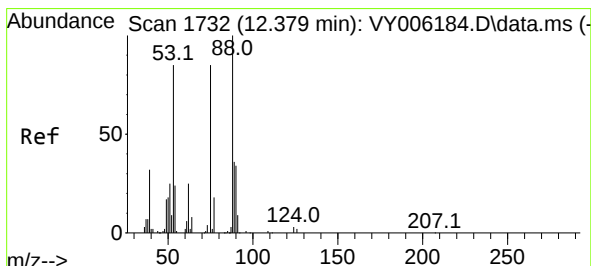
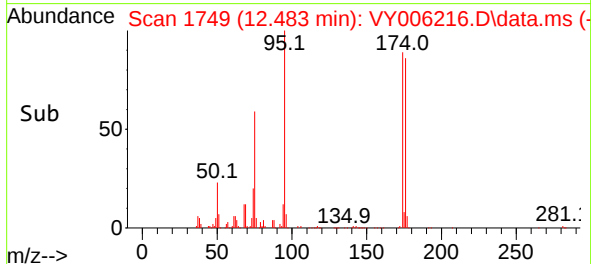
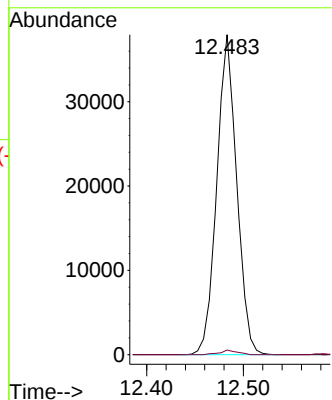
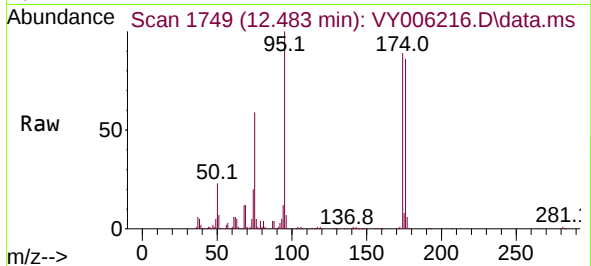
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



#76
1,2,3-Trichloropropane
Concen: 54.650 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006216.D
Acq: 29 Sep 2021 16:28

Tgt Ion: 75 Resp: 54181
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

Instrument :
MSVOA_Y
ClientSampled :



#81
trans-1,4-Dichloro-2-butene
Concen: 107.395 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006216.D
Acq: 29 Sep 2021 16:28

Tgt Ion: 75 Resp: 54181
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

