

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005818.D
 Acq On : 24 Aug 2021 13:37
 Operator : SY/MD
 Sample : M3463-13
 Misc : 6.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-16-0002

Quant Time: Aug 25 04:29:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

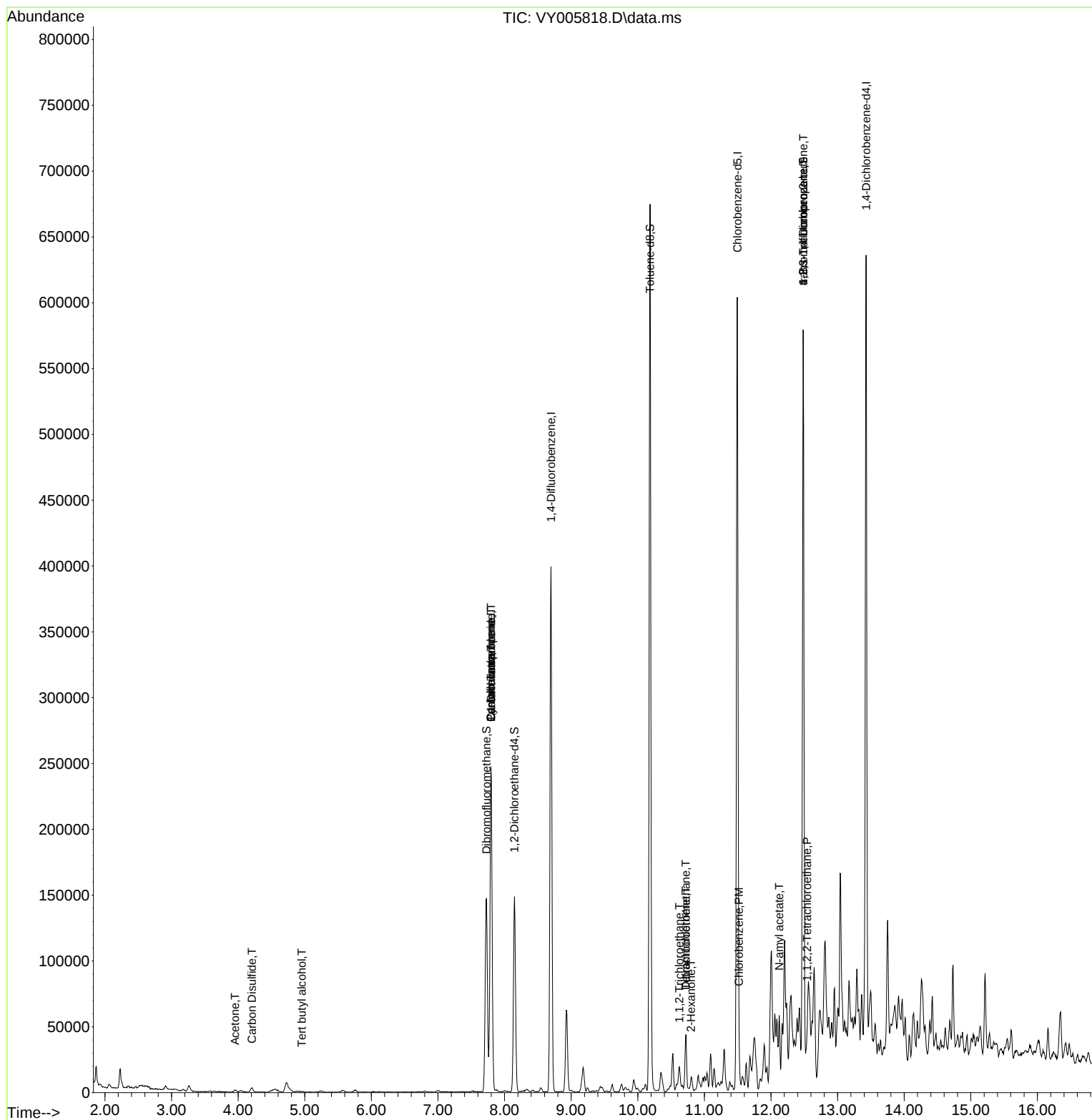
Internal Standards						
1) Pentafluorobenzene	7.795	168	197327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	336178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	329064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118148	59.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.300%	
35) Dibromofluoromethane	7.728	113	99258	52.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.480%	
50) Toluene-d8	10.185	98	425213	53.867	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.740%	
62) 4-Bromofluorobenzene	12.483	95	145431	55.635	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	748	3.788	ug/l #	73
16) Acetone	3.954	43	2988	5.933	ug/l	92
17) Carbon Disulfide	4.204	76	6801	1.297	ug/l #	89
20) Methylene Chloride	4.729	84	5095	Below Cal		86
31) Cyclohexane	7.795	56	4520	1.319	ug/l #	31
36) 1,1-Dichloropropene	7.795	75	13905	4.410	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17990	5.250	ug/l #	17
55) 1,1,2-Trichloroethane	10.624	97	6979	3.862	ug/l #	22
59) 2-Hexanone	10.801	43	4462	3.315	ug/l #	30
60) Dibromochloromethane	10.721	129	6793	3.037	ug/l #	11
64) Tetrachloroethene	10.721	164	8239	3.289	ug/l	95
65) Chlorobenzene	11.520	112	9351	1.412	ug/l	95
74) N-amyl acetate	12.124	43	11761	3.691	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.544	83	3582	1.760	ug/l #	26
76) 1,2,3-Trichloropropane	12.483	75	79037	50.302	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79037	101.402	ug/l #	12

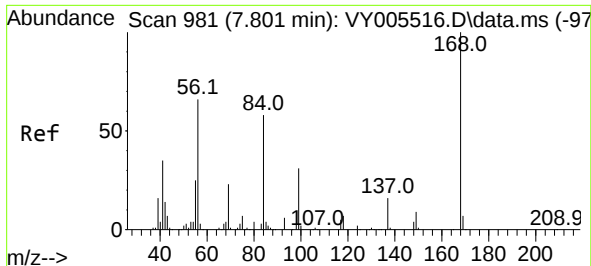
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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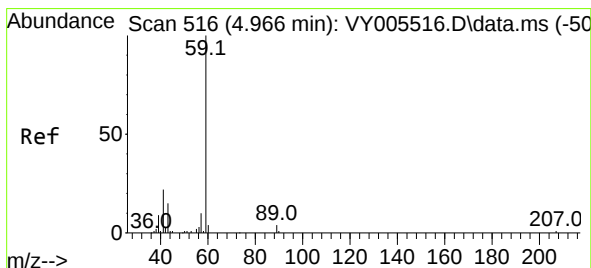
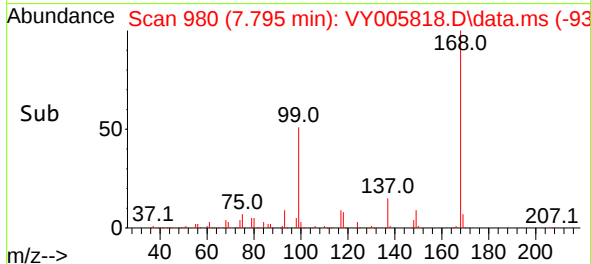
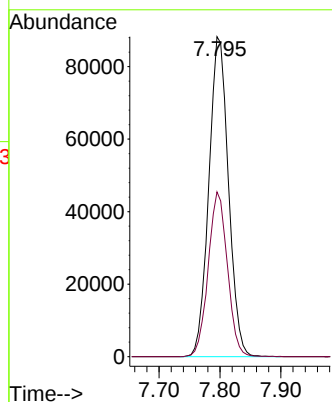
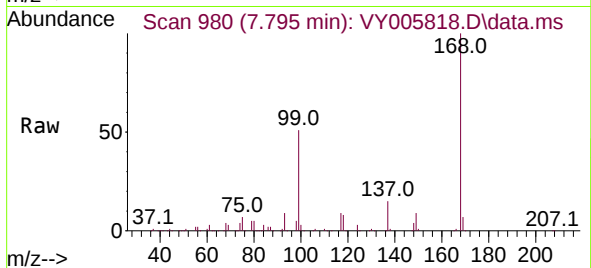




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

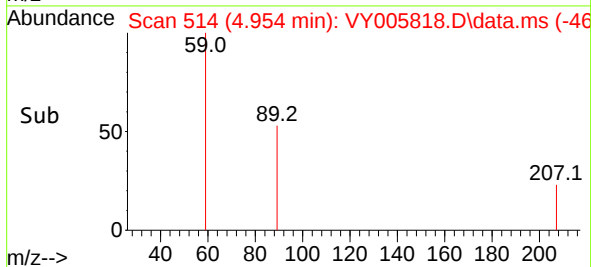
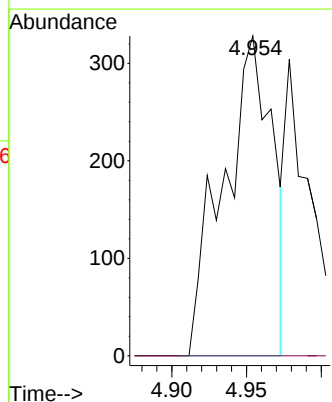
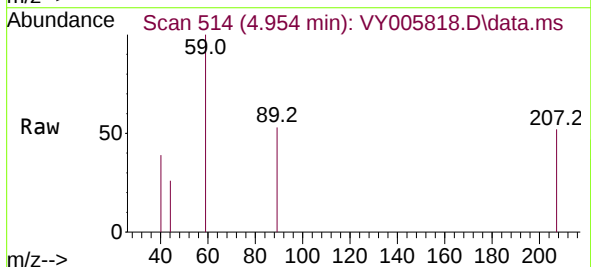
Instrument :
MSVOA_Y
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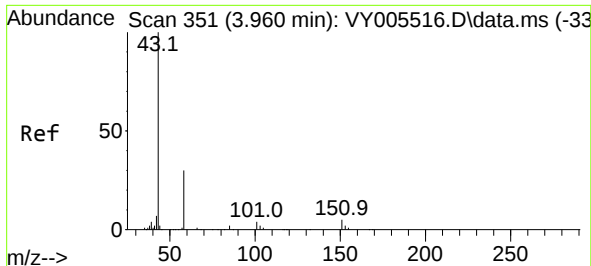
Tgt Ion:168 Resp: 197327
Ion Ratio Lower Upper
168 100
99 51.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.788 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

Tgt Ion: 59 Resp: 748
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

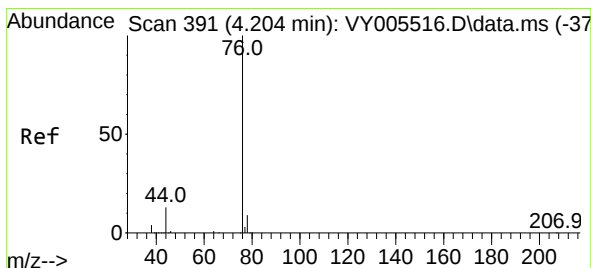
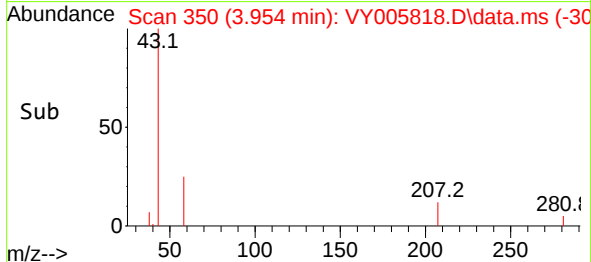
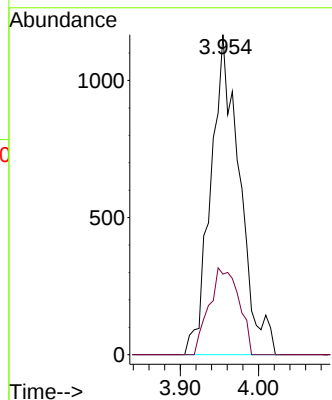
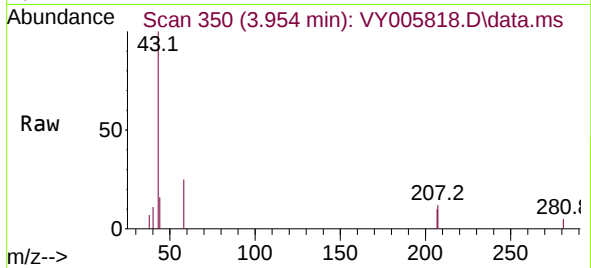




#16
Acetone
Concen: 5.933 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

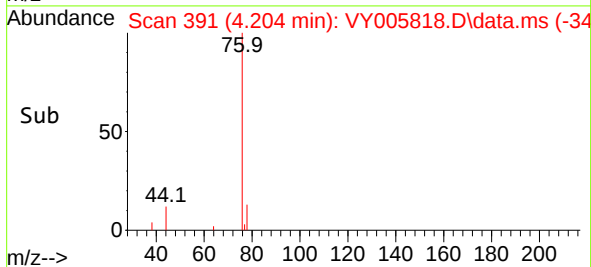
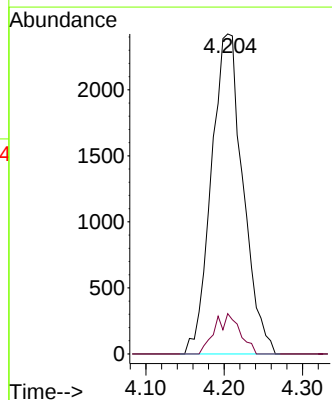
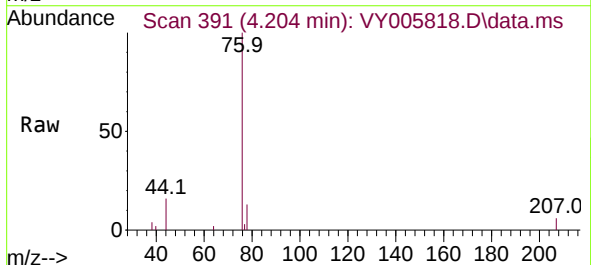
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-16-0002

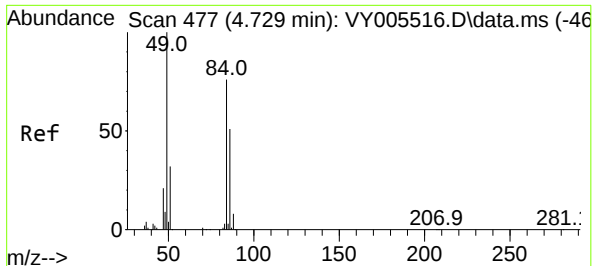
Tgt Ion: 43 Resp: 2988
Ion Ratio Lower Upper
43 100
58 25.2 23.8 35.6



#17
Carbon Disulfide
Concen: 1.297 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

Tgt Ion: 76 Resp: 6801
Ion Ratio Lower Upper
76 100
78 12.6 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY005818.D

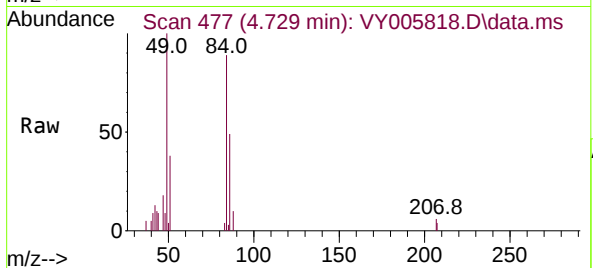
Acq: 24 Aug 2021 13:37

Instrument :

MSVOA_Y

ClientSampleId :

SWCS-16-0002



Tgt Ion: 84 Resp: 5095

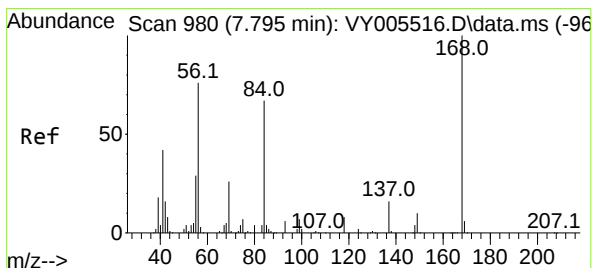
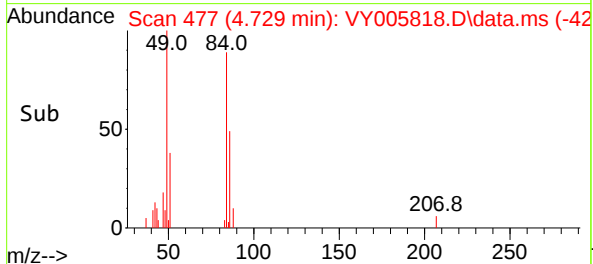
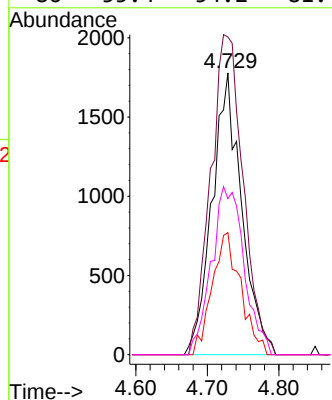
Ion Ratio Lower Upper

84 100

49 112.8 105.8 158.6

51 43.3 33.4 50.2

86 55.4 54.2 81.4



#31

Cyclohexane

Concen: 1.319 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY005818.D

Acq: 24 Aug 2021 13:37

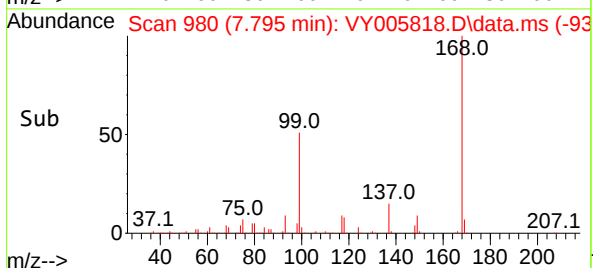
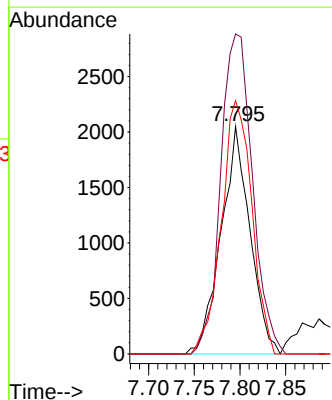
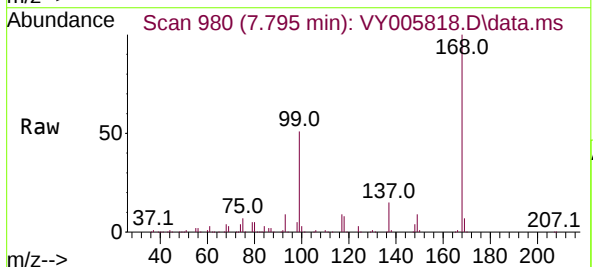
Tgt Ion: 56 Resp: 4520

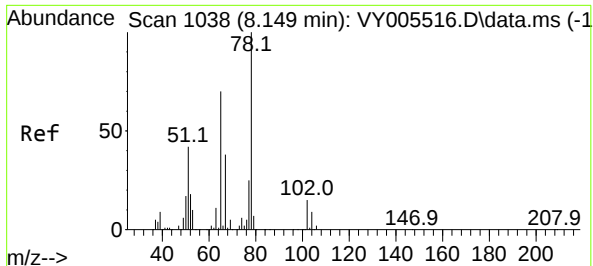
Ion Ratio Lower Upper

56 100

69 140.6 27.7 41.5#

84 111.3 70.9 106.3#

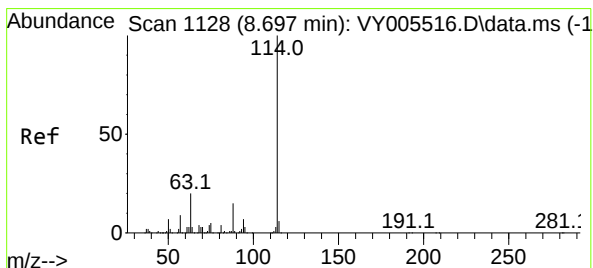
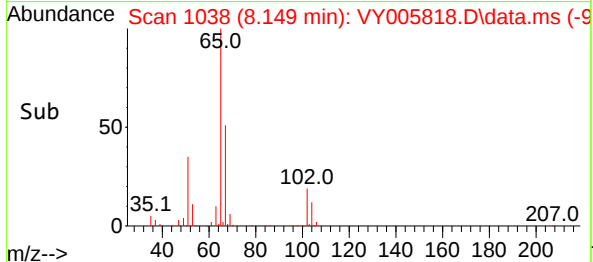
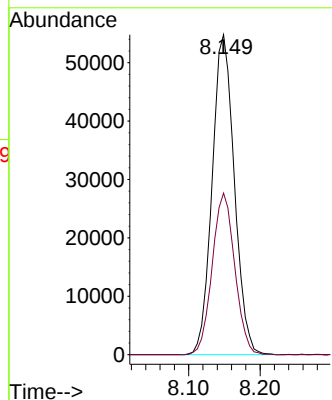
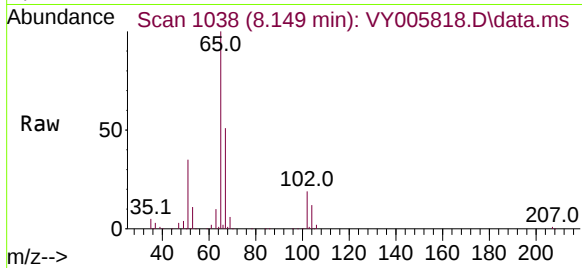




#33
 1,2-Dichloroethane-d4
 Concen: 59.150 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005818.D
 Acq: 24 Aug 2021 13:37

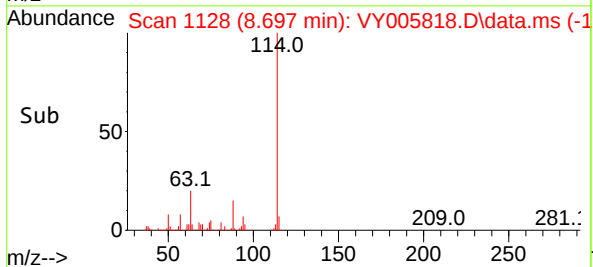
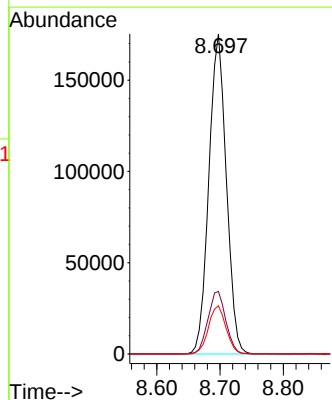
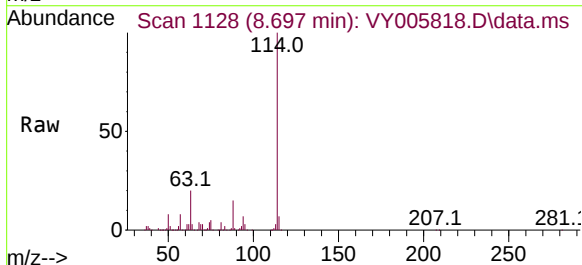
Instrument :
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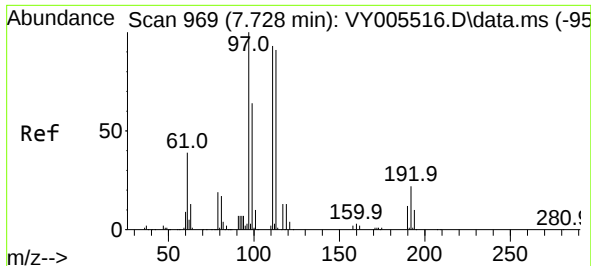
Tgt Ion: 65 Resp: 118148
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005818.D
 Acq: 24 Aug 2021 13:37

Tgt Ion: 114 Resp: 336178
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 15.1 0.0 30.8

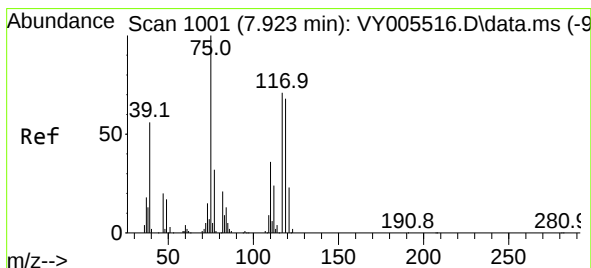
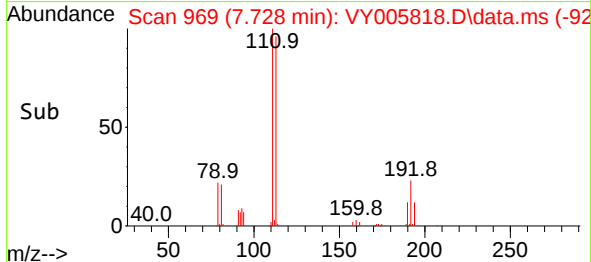
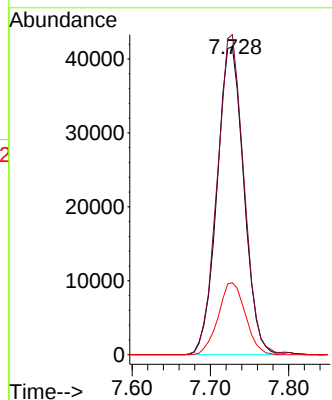
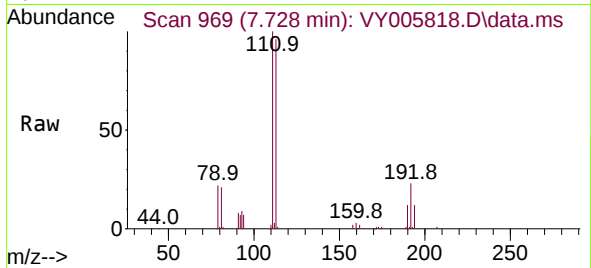




#35
Dibromofluoromethane
Concen: 52.736 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

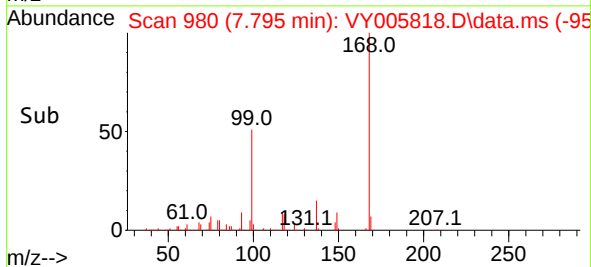
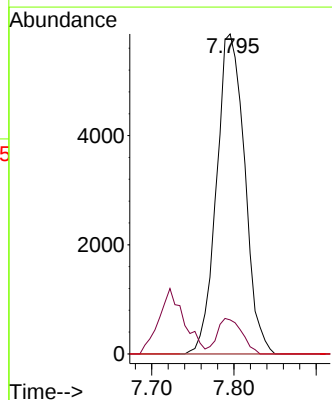
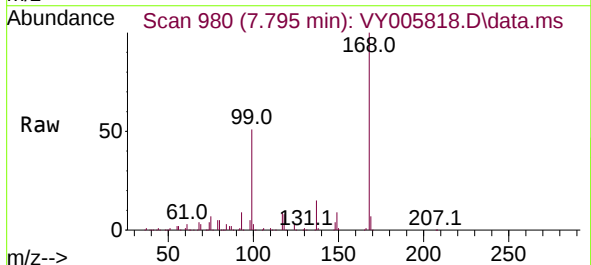
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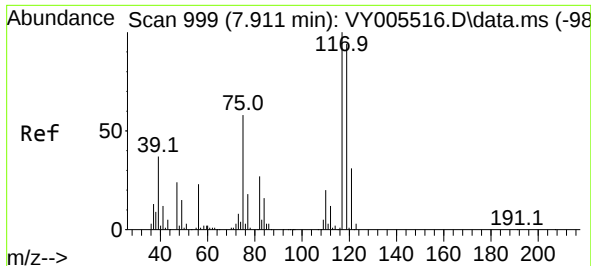
Tgt Ion:113 Resp: 99258
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 23.6 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.410 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

Tgt Ion: 75 Resp: 13905
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.1#
77 0.0 25.1 37.7#

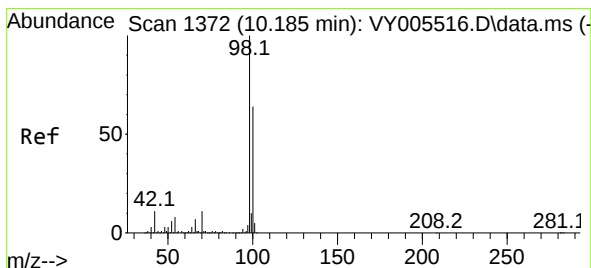
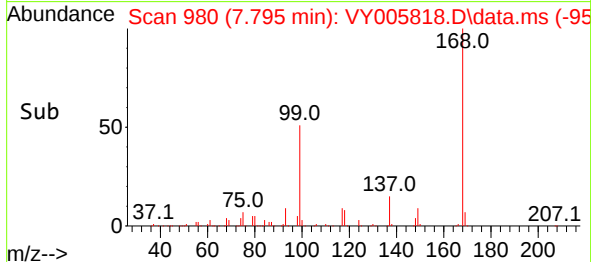
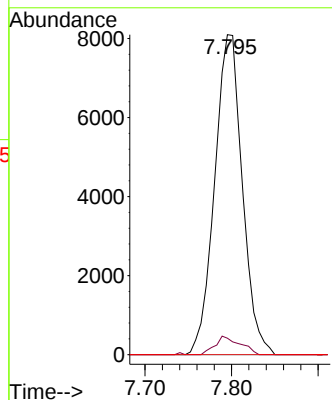
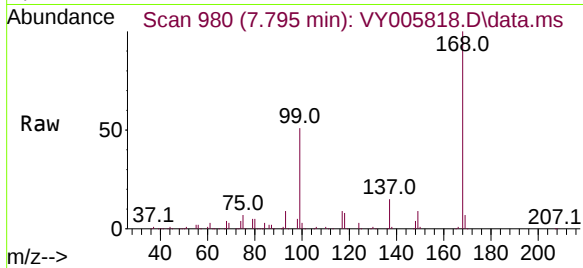




#38
Carbon Tetrachloride
Concen: 5.250 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

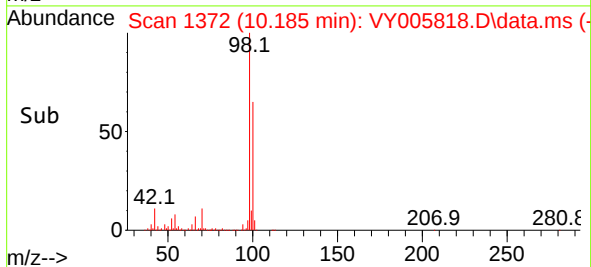
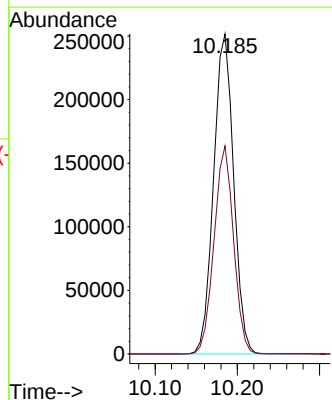
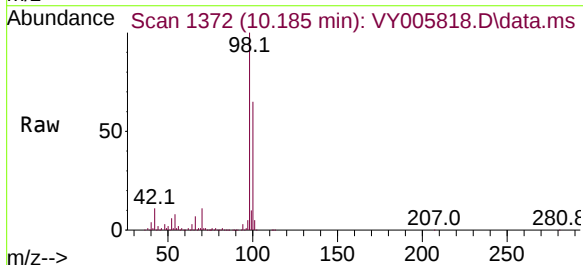
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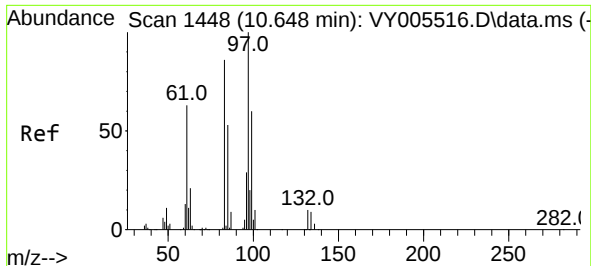
Tgt Ion:117 Resp: 17990
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.867 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

Tgt Ion: 98 Resp: 425213
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9

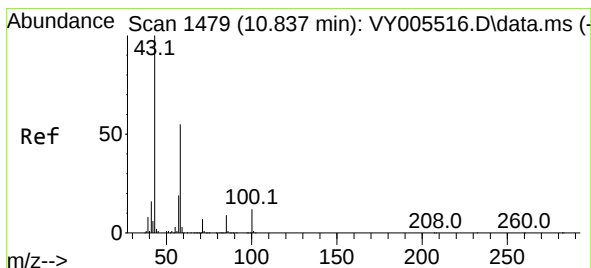
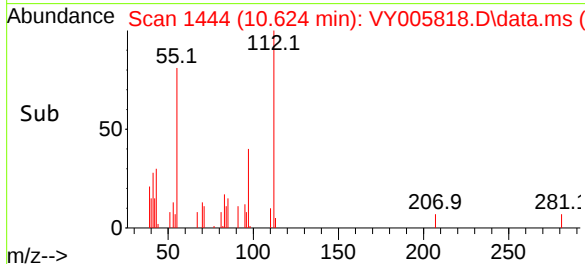
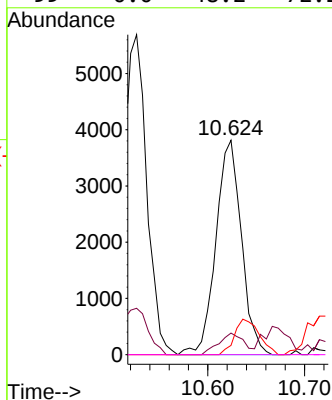
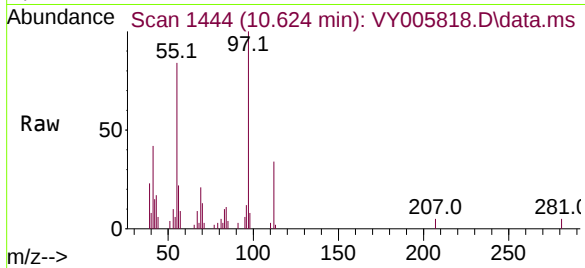




#55
1,1,2-Trichloroethane
Concen: 3.862 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

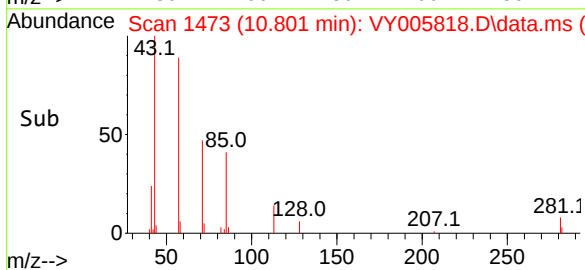
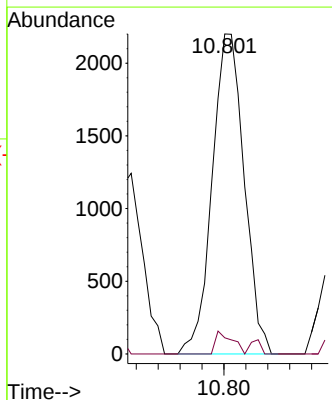
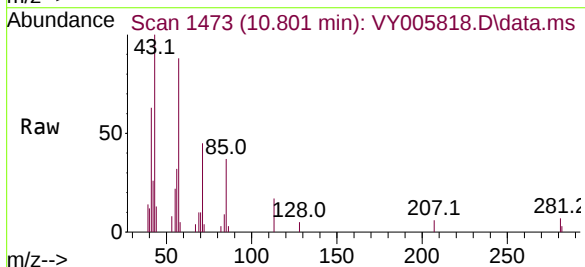
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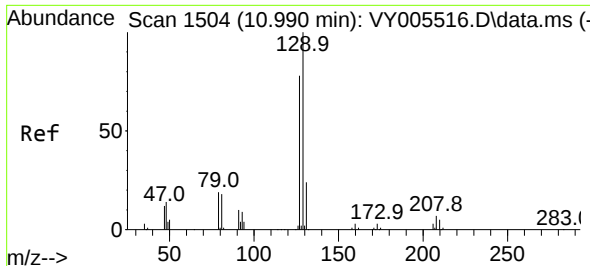
Tgt Ion: 97	Resp: 6979
Ion Ratio	Lower Upper
97 100	
83 10.1	68.7 103.1#
85 4.4	42.4 63.6#
99 0.0	48.2 72.2#



#59
2-Hexanone
Concen: 3.315 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.037 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

Tgt Ion: 43	Resp: 4462		
Ion Ratio	Lower	Upper	
43 100			
58 3.7	27.1	81.2#	

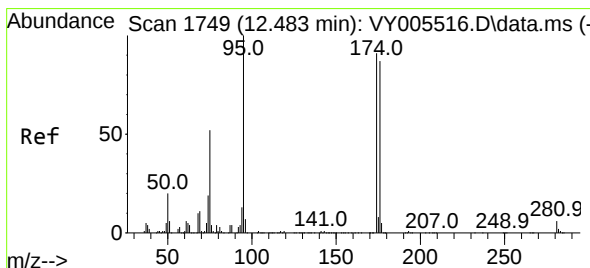
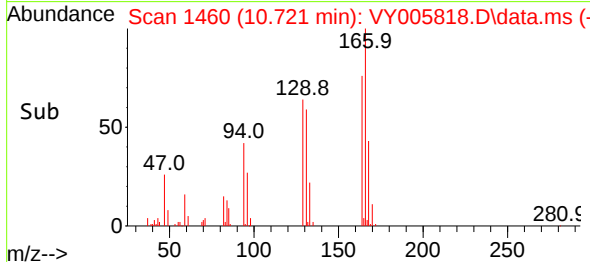
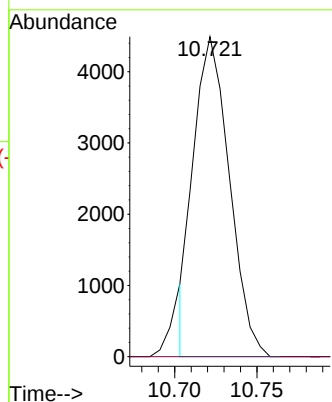
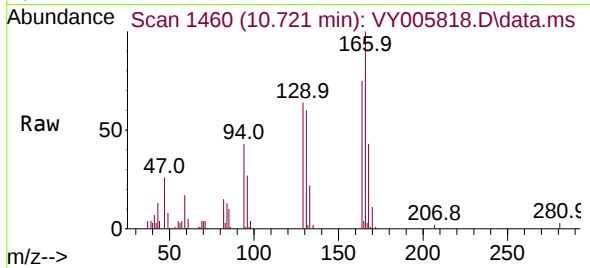




#60
Dibromochloromethane
Concen: 3.037 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

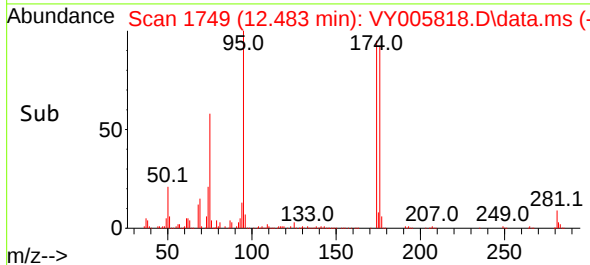
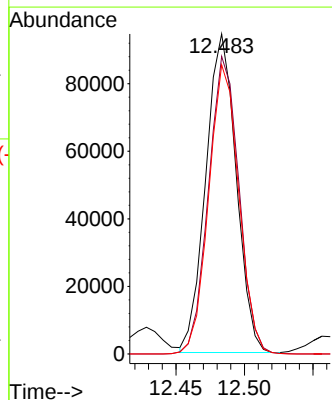
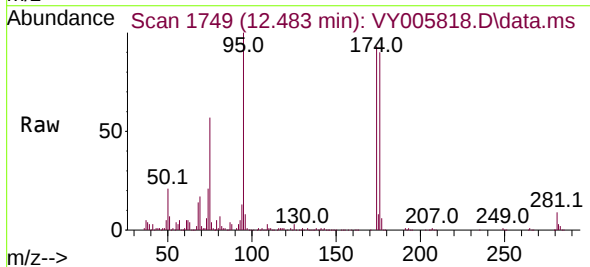
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-16-0002

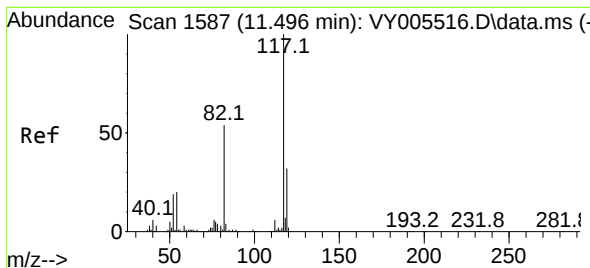
Tgt Ion:129 Resp: 6793
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#



#62
4-Bromofluorobenzene
Concen: 55.635 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

Tgt Ion: 95 Resp: 145431
Ion Ratio Lower Upper
95 100
174 93.4 0.0 191.4
176 89.8 0.0 183.6

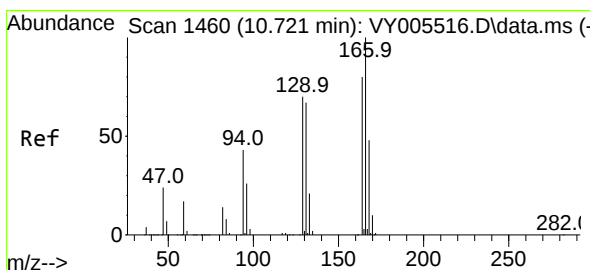
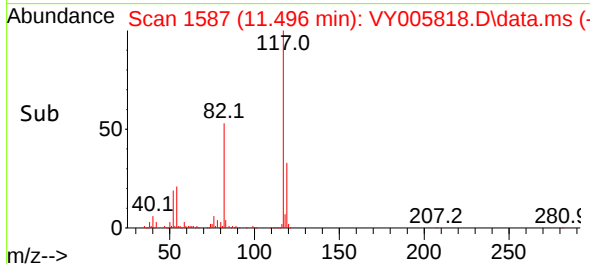
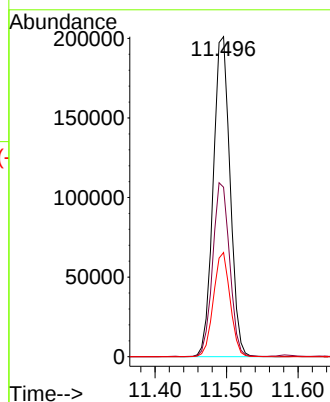
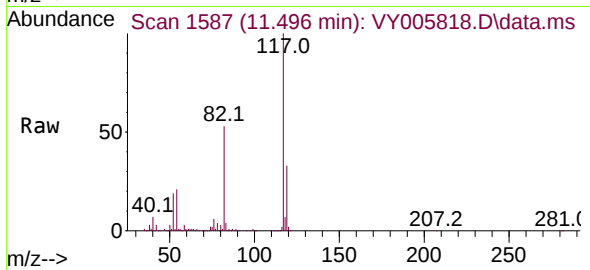




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

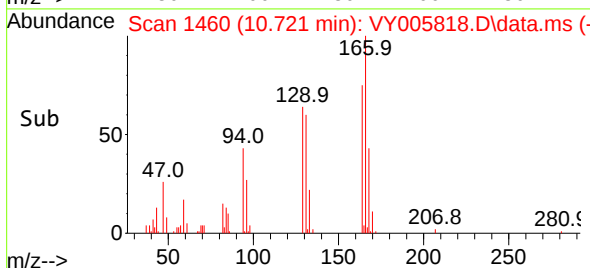
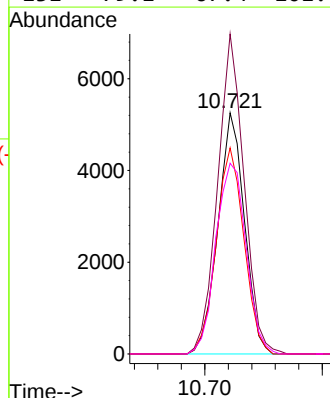
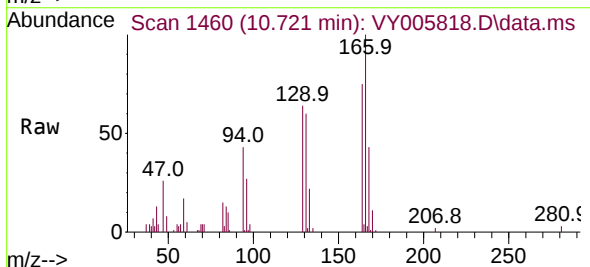
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-16-0002

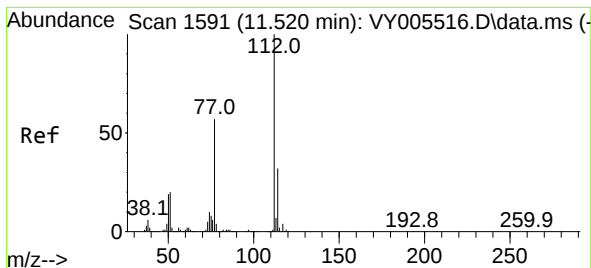
Tgt Ion:117	Resp:	329064
Ion Ratio	Lower	Upper
117	100	
82	52.9	43.5 65.3
119	32.5	25.5 38.3



#64
Tetrachloroethene
Concen: 3.289 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

Tgt Ion:164	Resp:	8239
Ion Ratio	Lower	Upper
164	100	
166	132.7	99.8 149.8
129	85.4	70.1 105.1
131	79.1	67.4 101.0

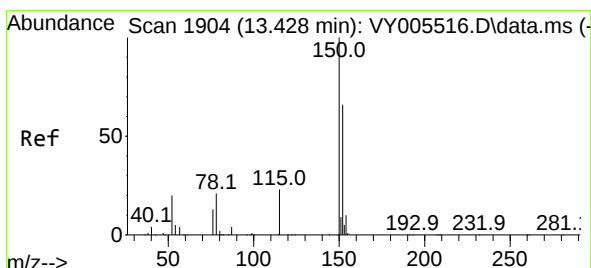
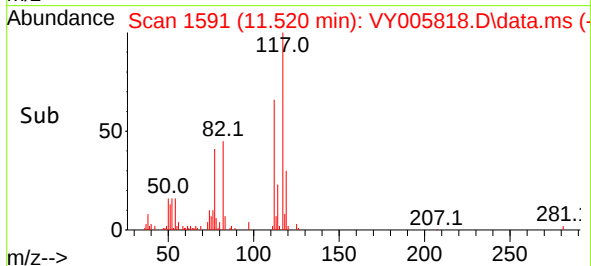
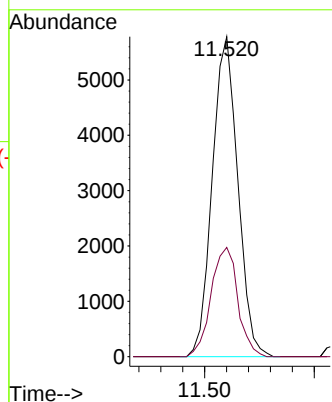
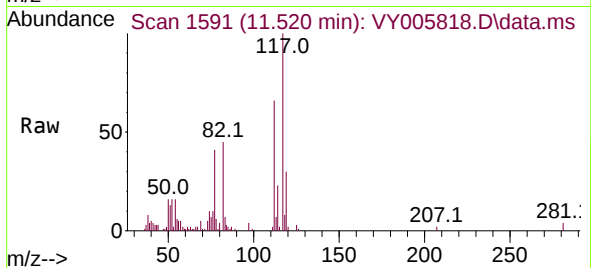




#65
Chlorobenzene
Concen: 1.412 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

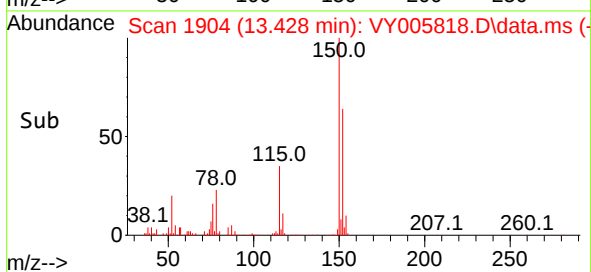
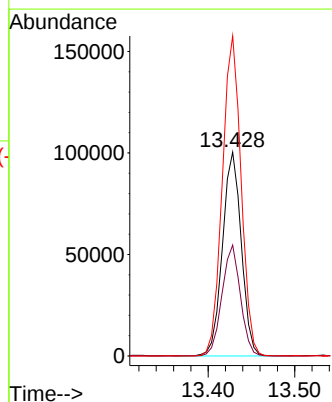
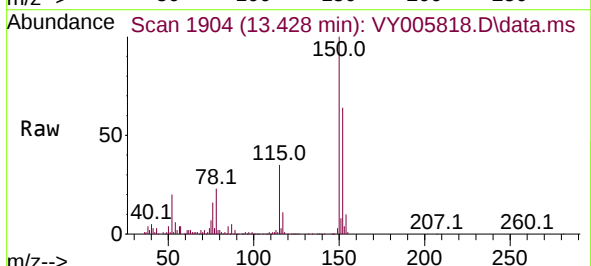
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-16-0002

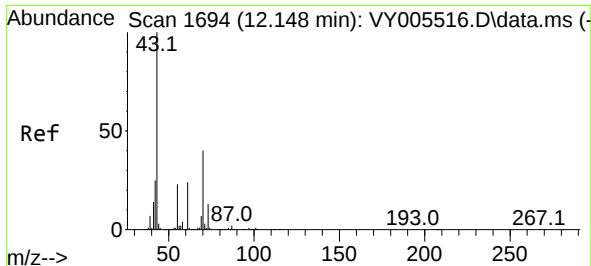
Tgt Ion:112 Resp: 9351
Ion Ratio Lower Upper
112 100
114 34.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

Tgt Ion:152 Resp: 151624
Ion Ratio Lower Upper
152 100
115 53.2 27.3 81.9
150 156.2 0.0 350.2

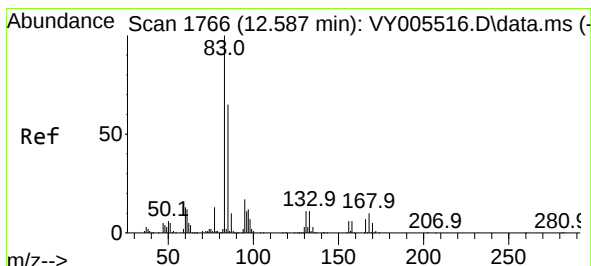
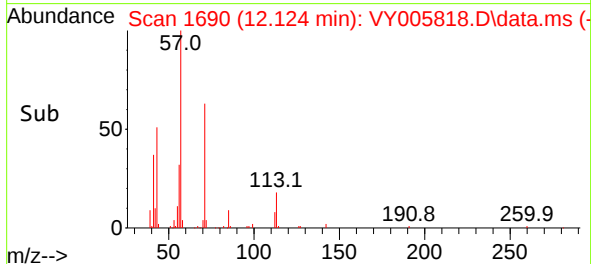
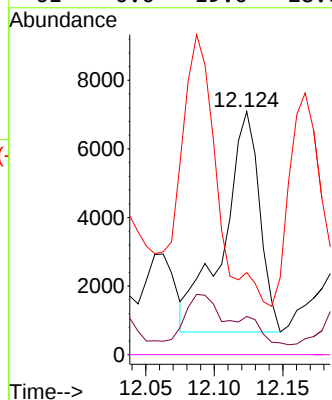
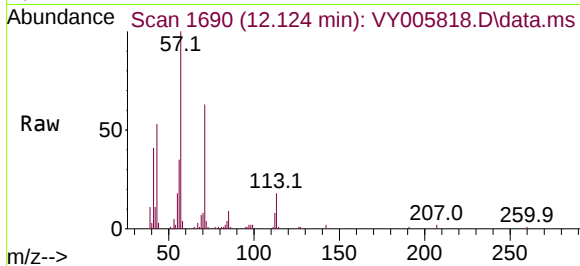




#74
N-amy1 acetate
Concen: 3.691 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

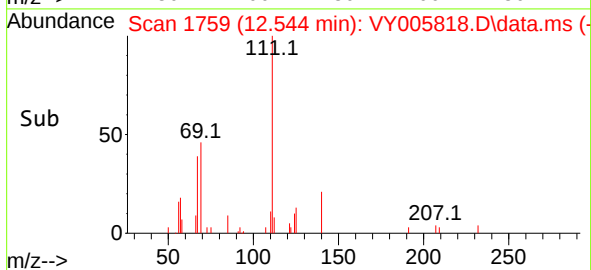
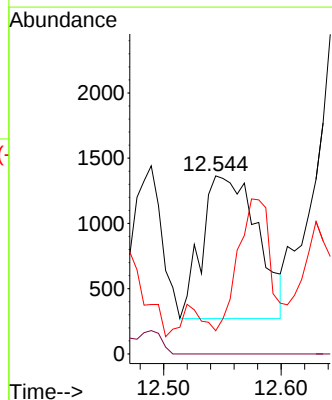
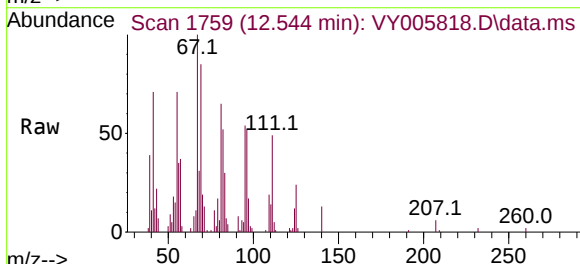
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-16-0002

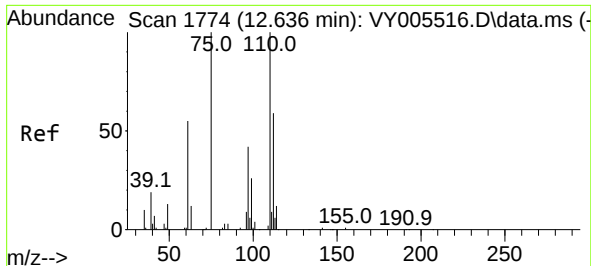
Tgt Ion: 43	Resp: 11761
Ion Ratio	Lower Upper
43 100	
70 0.0	32.9 49.3#
55 0.0	18.9 28.3#
61 0.0	19.0 28.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.760 ug/l
RT: 12.544 min Scan# 1759
Delta R.T. -0.043 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

Tgt Ion: 83	Resp: 3582
Ion Ratio	Lower Upper
83 100	
131 0.0	5.6 16.8#
85 0.0	32.0 96.2#

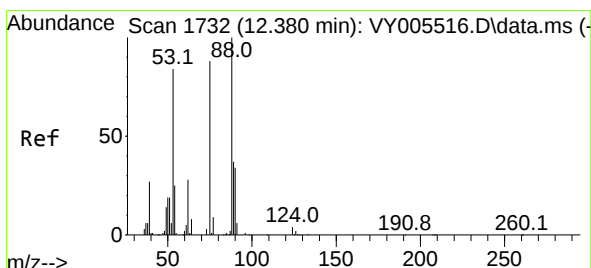
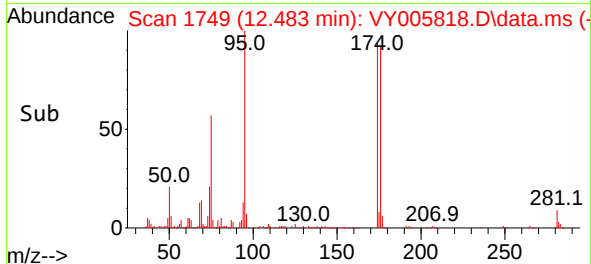
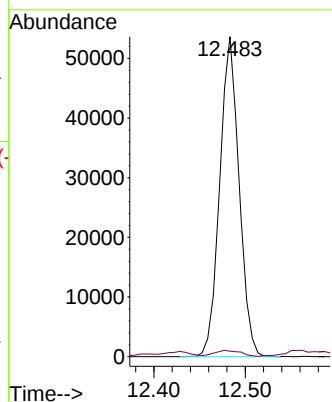
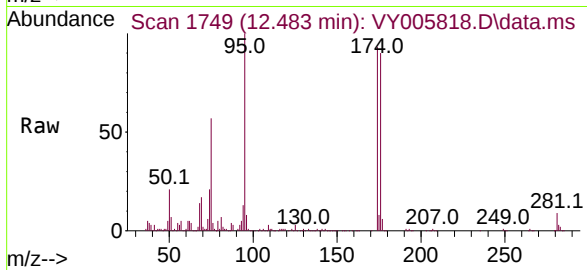




#76
1,2,3-Trichloropropane
Concen: 50.302 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

Instrument :
MSVOA_Y
ClientSampleId :
SWCS-16-0002

Tgt Ion: 75 Resp: 79037
Ion Ratio Lower Upper
75 100
77 2.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.402 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005818.D
Acq: 24 Aug 2021 13:37

Tgt Ion: 75 Resp: 79037
Ion Ratio Lower Upper
75 100
53 1.9 76.7 115.1#
89 0.0 38.4 57.6#

