

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
 Data File : VY005622.D
 Acq On : 12 Aug 2021 15:06
 Operator : SY/MD
 Sample : M3368-07
 Misc : 9.58G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-02-0510

Quant Time: Aug 13 04:22:41 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)

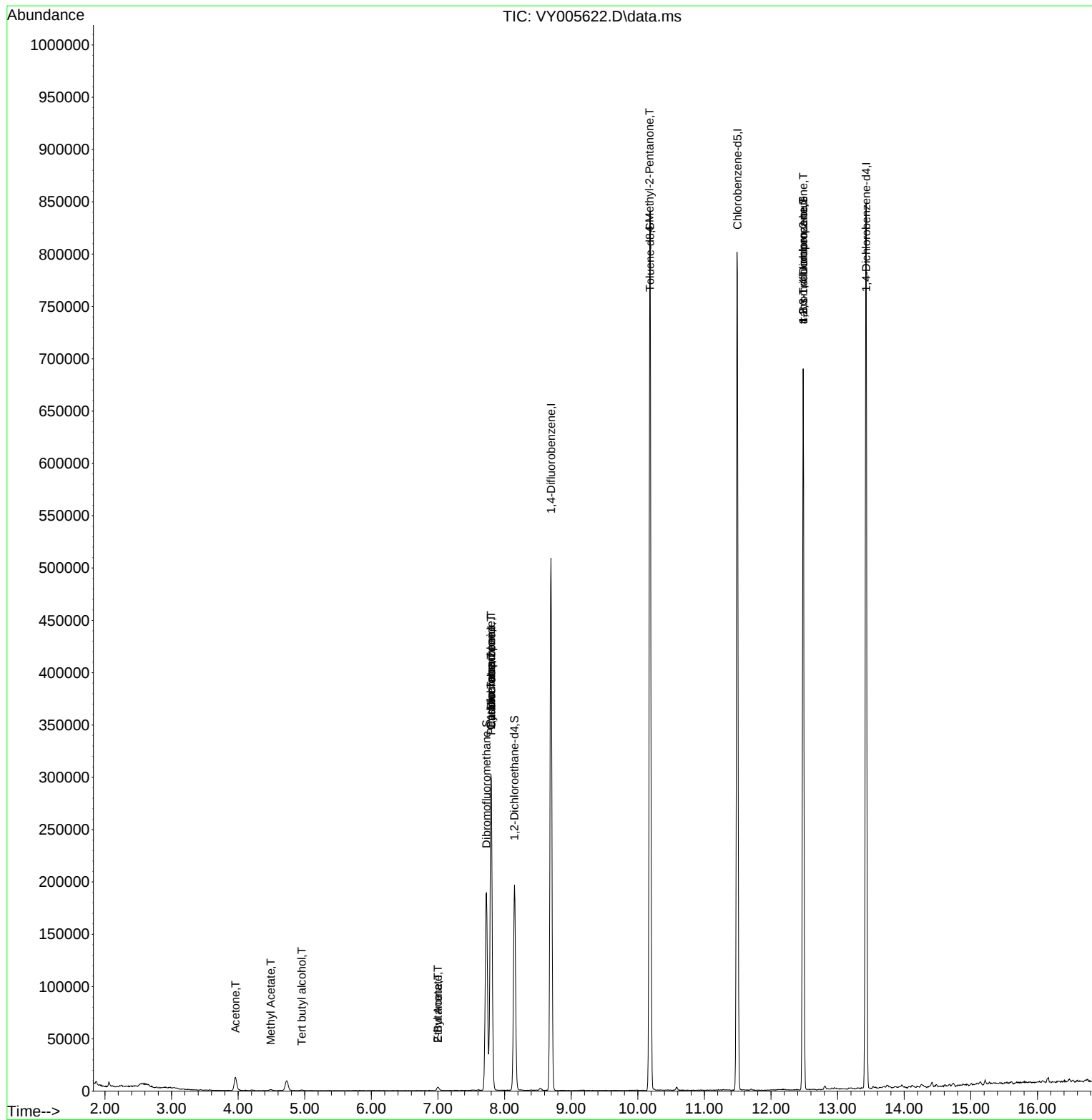
Internal Standards						
1) Pentafluorobenzene	7.801	168	248369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	426035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	431624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	218891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	158486	63.039	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.080%			
35) Dibromofluoromethane	7.728	113	131196	55.003	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.000%			
50) Toluene-d8	10.185	98	542515	54.232	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.460%			
62) 4-Bromofluorobenzene	12.483	95	196740	59.390	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.780%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1137	4.575	ug/l #	73
16) Acetone	3.960	43	22378	35.304	ug/l	97
18) Methyl Acetate	4.491	43	1808	1.091	ug/l #	86
20) Methylene Chloride	4.728	84	7394	Below Cal		94
25) 2-Butanone	6.996	43	5524	5.896	ug/l	95
31) Cyclohexane	7.795	56	4767	1.105	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	17625	4.411	ug/l #	49
37) Ethyl Acetate	6.996	43	5524	2.282	ug/l #	69
38) Carbon Tetrachloride	7.795	117	22514	5.184	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	2493	1.033	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	105414	46.472	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	105414	93.681	ug/l #	11

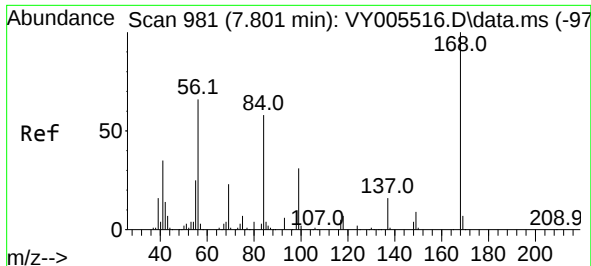
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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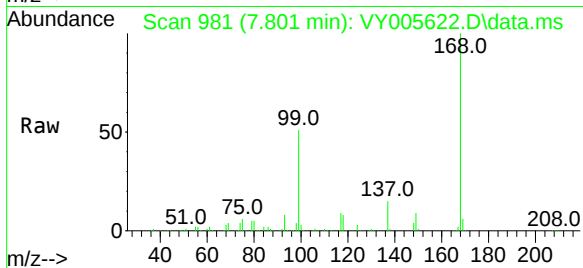
Quant Time: Aug 13 04:22:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
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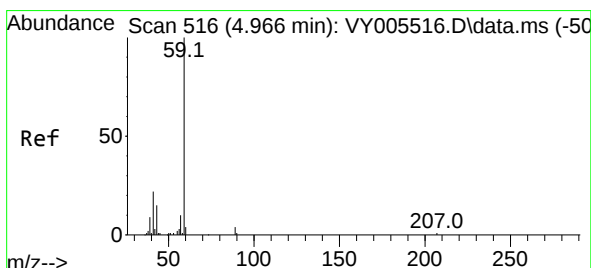
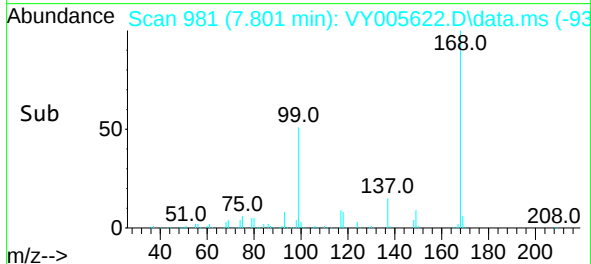
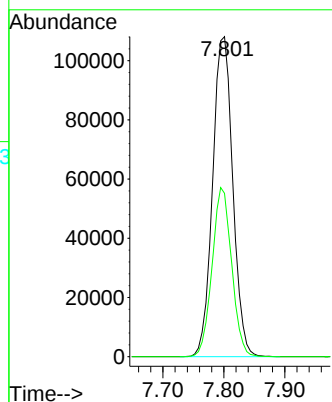


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

Instrument :
MSVOA_Y
ClientSampleId :
SWCS-02-0510

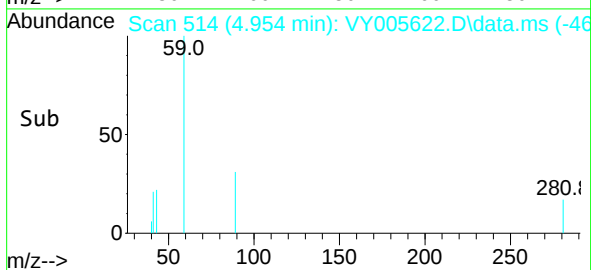
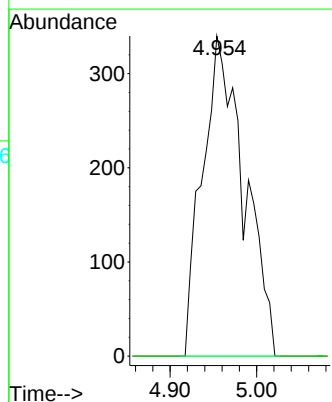
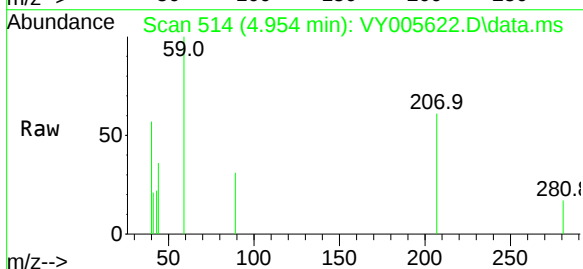


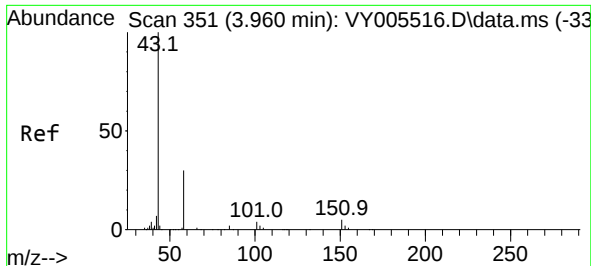
Tgt Ion:168 Resp: 248369
Ion Ratio Lower Upper
168 100
99 51.1 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.575 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

Tgt Ion: 59 Resp: 1137
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

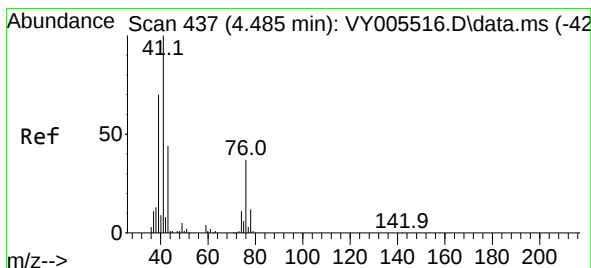
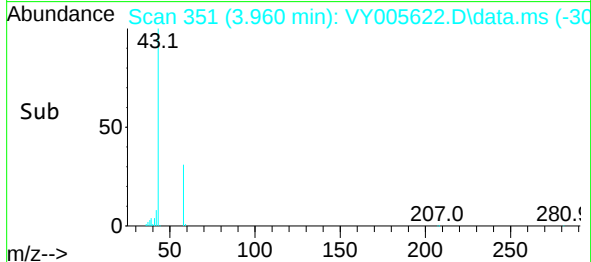
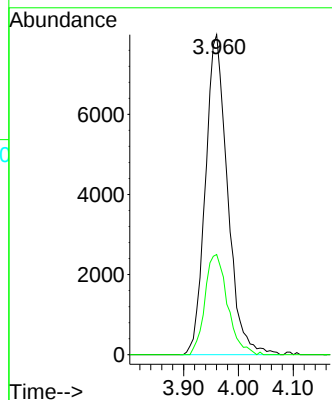
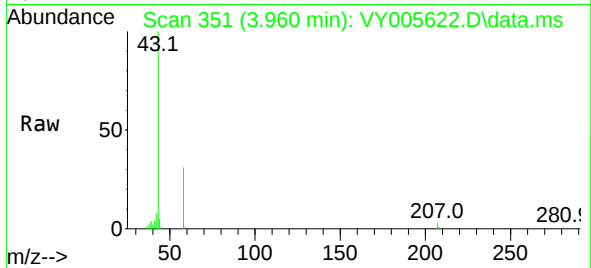




#16
Acetone
Concen: 35.304 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

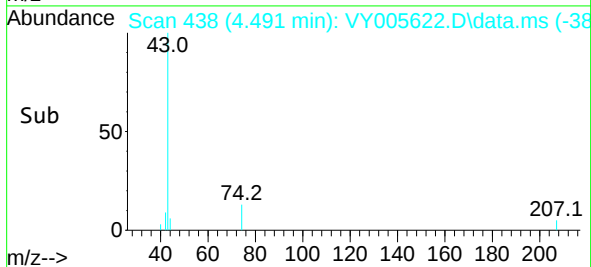
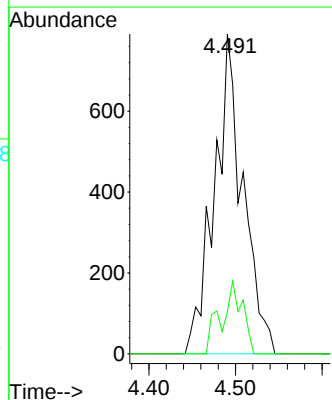
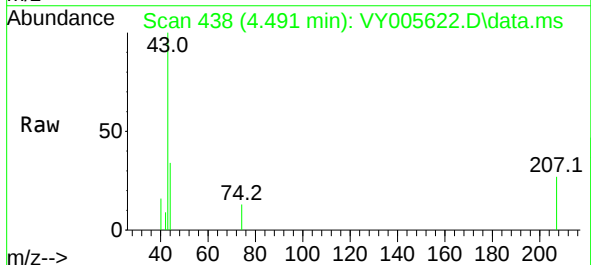
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-02-0510

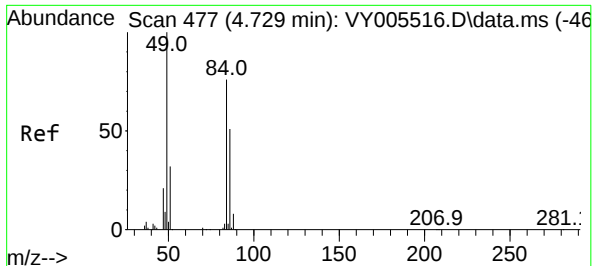
Tgt Ion: 43 Resp: 22378
Ion Ratio Lower Upper
43 100
58 31.3 23.8 35.6



#18
Methyl Acetate
Concen: 1.091 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

Tgt Ion: 43 Resp: 1808
Ion Ratio Lower Upper
43 100
74 16.9 19.0 28.6#

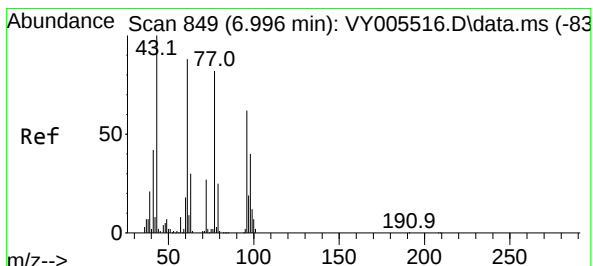
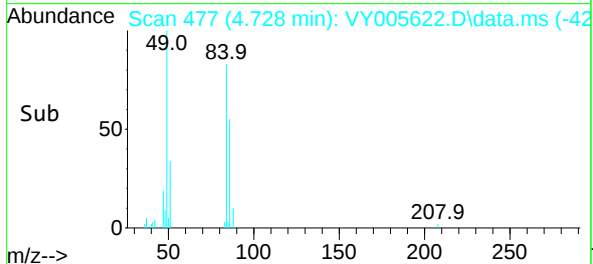
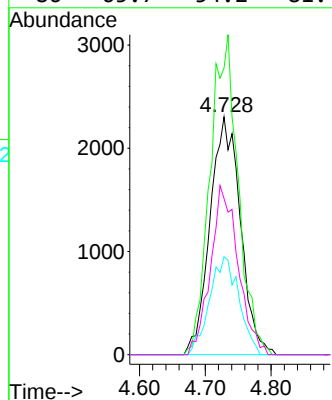
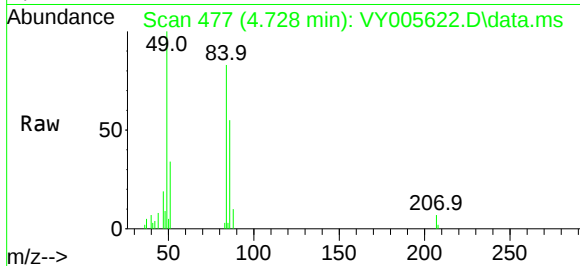




#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

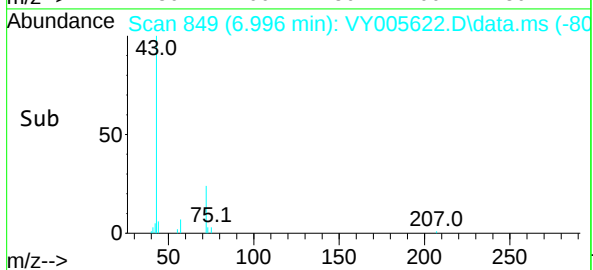
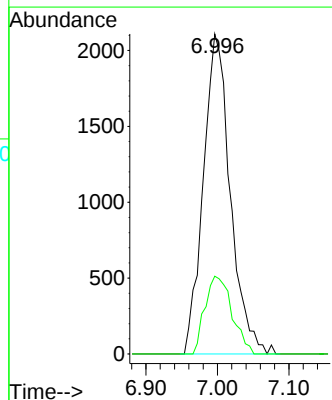
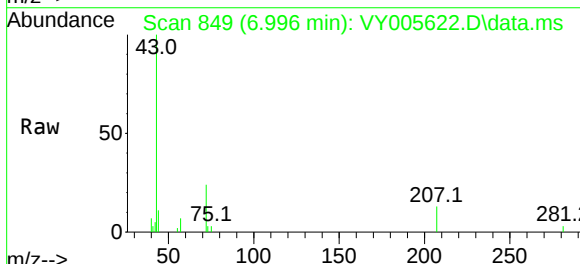
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-02-0510

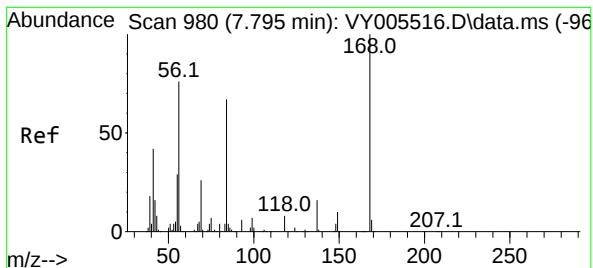
Tgt Ion:	84	Resp:	7394
Ion	Ratio	Lower	Upper
84	100		
49	120.5	105.8	158.6
51	41.2	33.4	50.2
86	65.7	54.2	81.4



#25
2-Butanone
Concen: 5.896 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

Tgt Ion:	43	Resp:	5524
Ion	Ratio	Lower	Upper
43	100		
72	24.3	21.4	32.2





#31

Cyclohexane

Concen: 1.105 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY005622.D

Acq: 12 Aug 2021 15:06

Instrument :

MSVOA_Y

ClientSampleId :

SWCS-02-0510

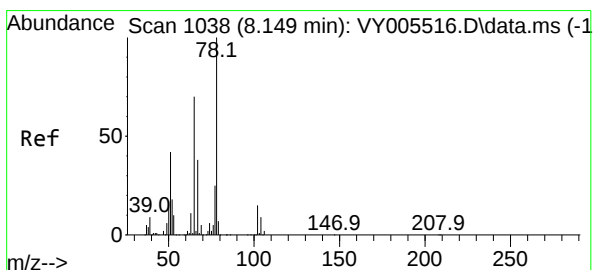
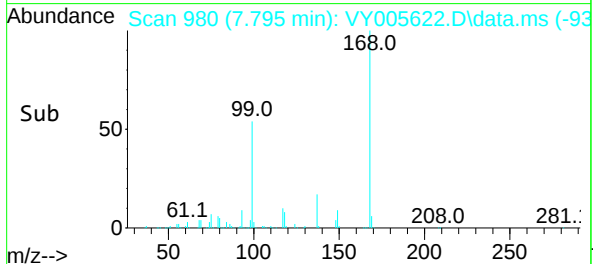
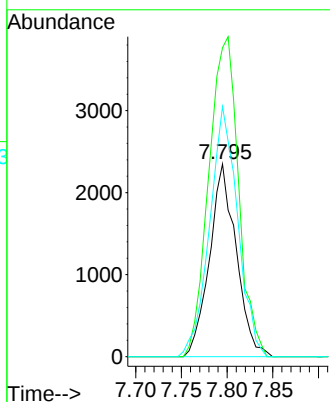
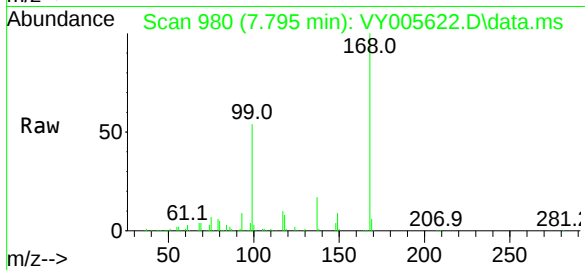
Tgt Ion: 56 Resp: 4767

Ion Ratio Lower Upper

56 100

69 160.3 27.7 41.5#

84 129.8 70.9 106.3#



#33

1,2-Dichloroethane-d4

Concen: 63.039 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY005622.D

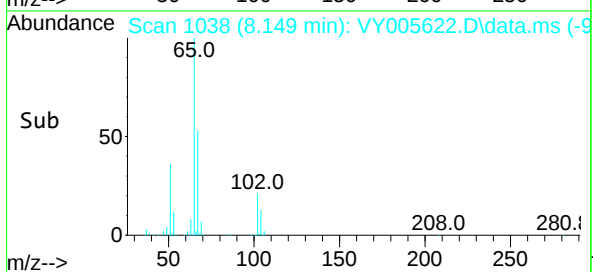
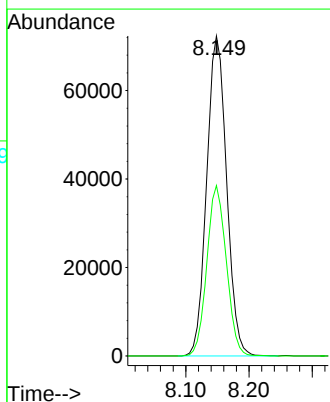
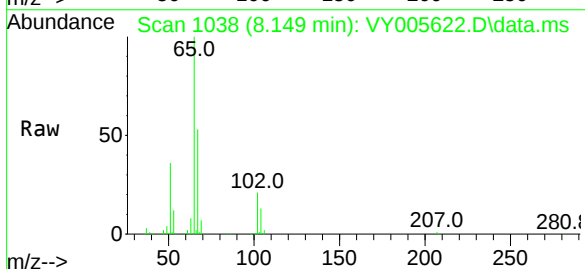
Acq: 12 Aug 2021 15:06

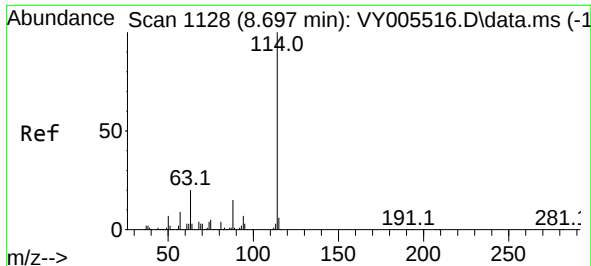
Tgt Ion: 65 Resp: 158486

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4

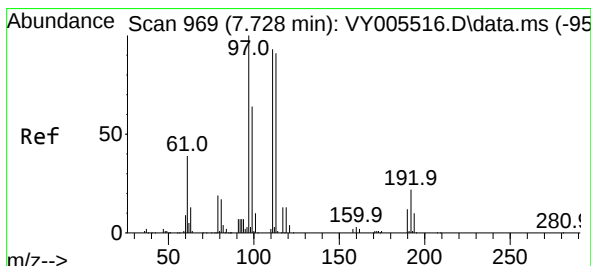
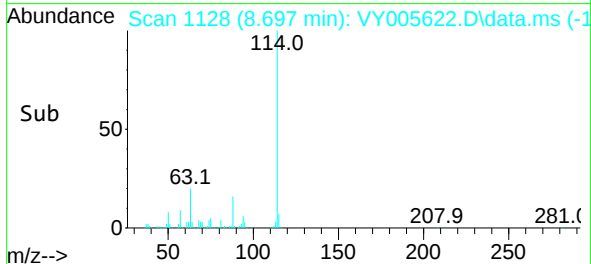
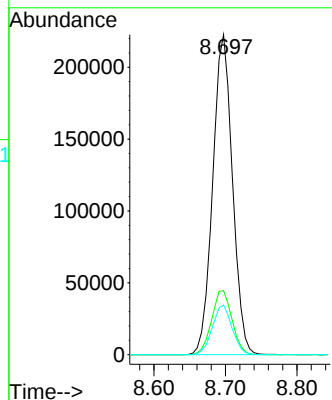
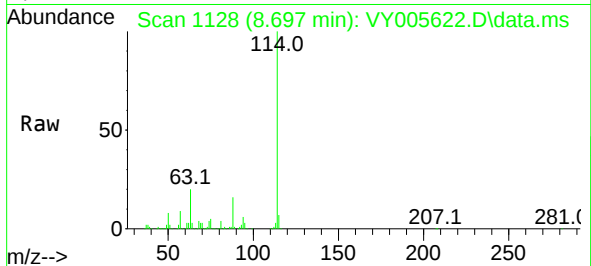




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

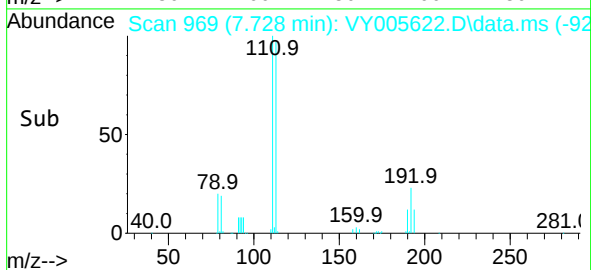
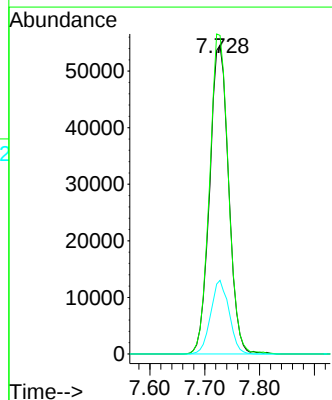
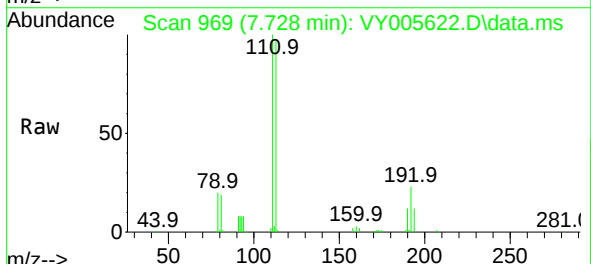
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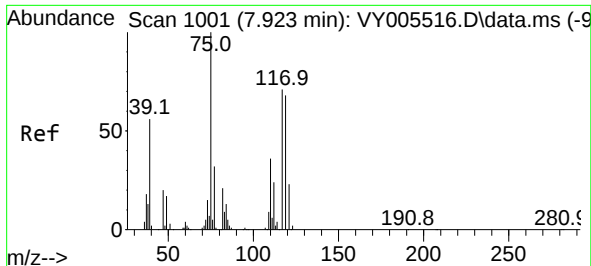
Tgt Ion:	114	Resp:	426035
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	39.2
88	15.5	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.003 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

Tgt Ion:	113	Resp:	131196
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.9	122.9
192	23.0	19.2	28.8

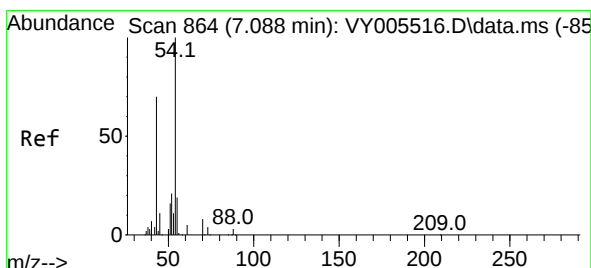
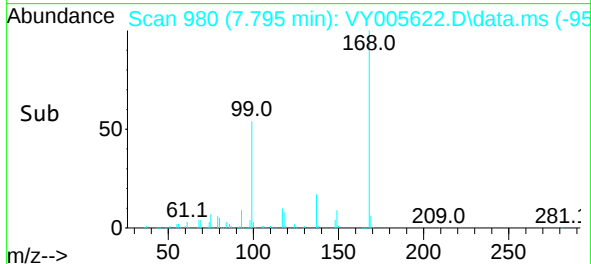
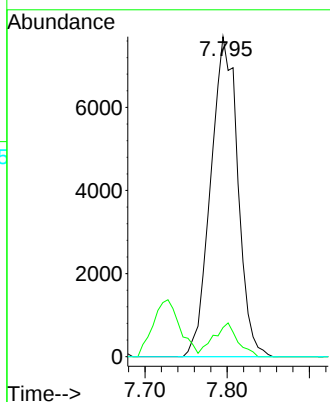
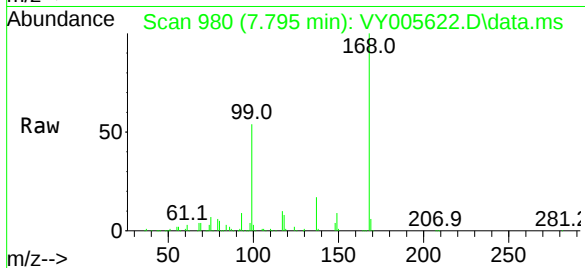




#36
1,1-Dichloropropene
Concen: 4.411 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

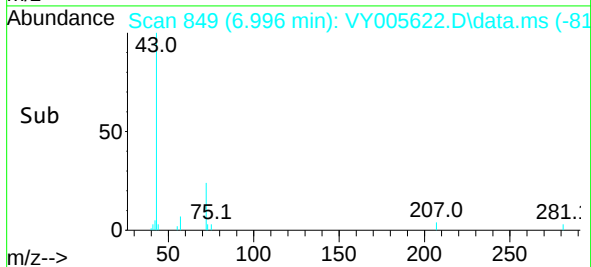
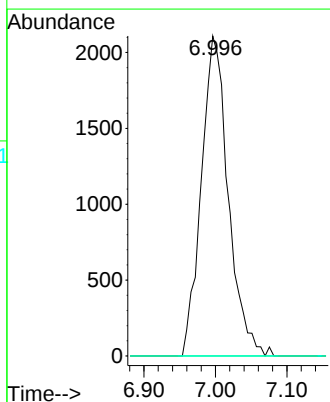
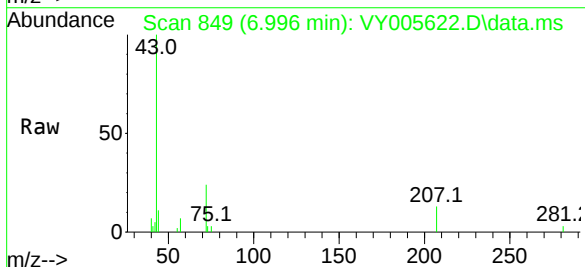
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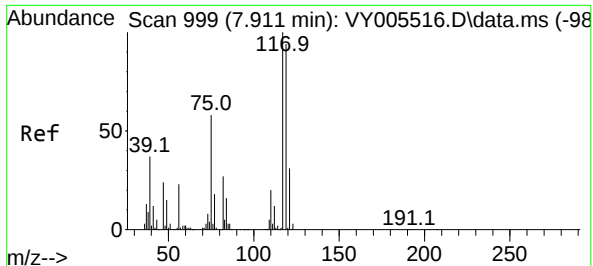
Tgt Ion: 75 Resp: 17625
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.1#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 2.282 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.092 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

Tgt Ion: 43 Resp: 5524
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 8.6 13.0#

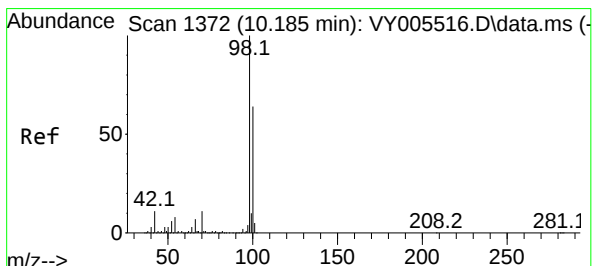
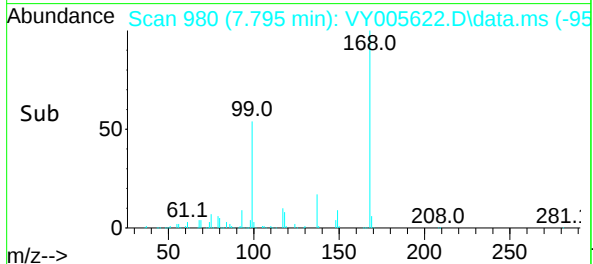
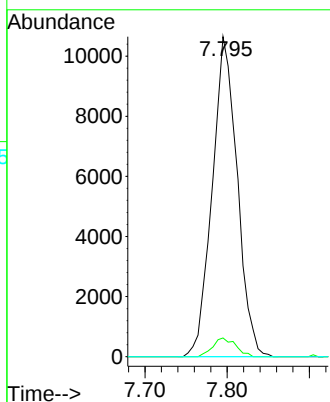
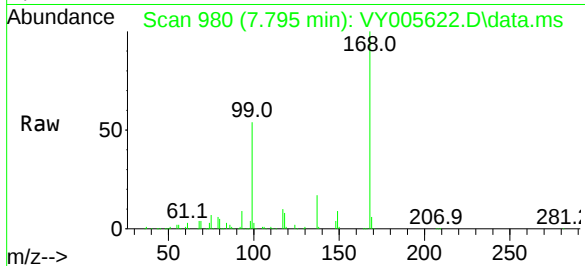




#38
Carbon Tetrachloride
Concen: 5.184 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

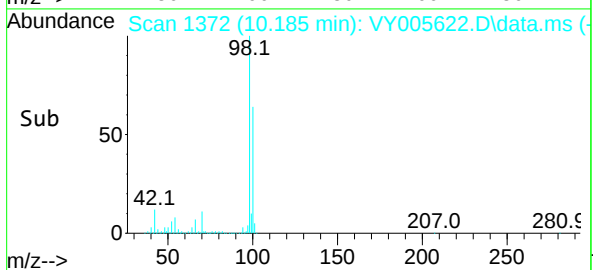
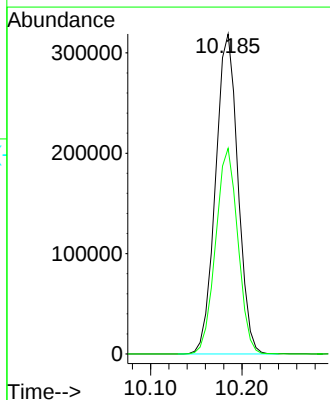
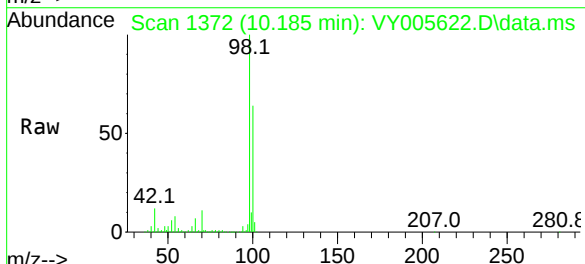
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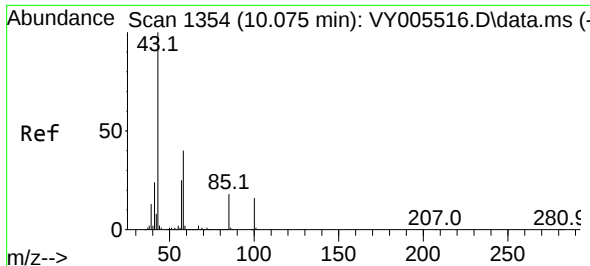
Tgt Ion: 117 Resp: 22514
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.232 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

Tgt Ion: 98 Resp: 542515
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9

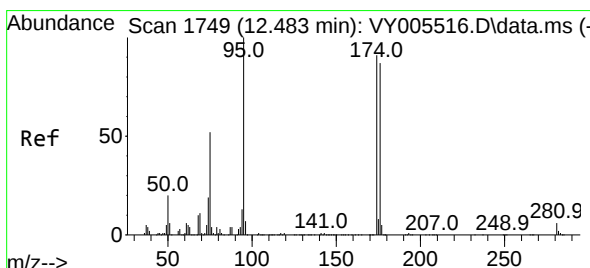
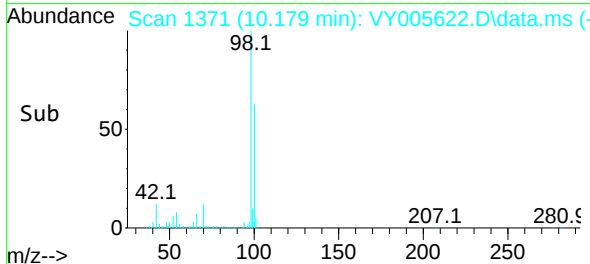
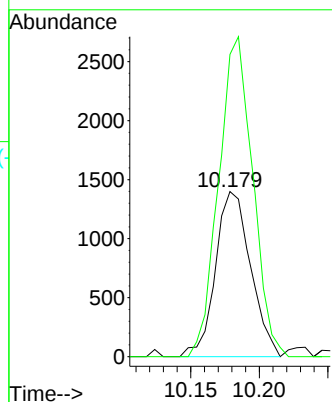
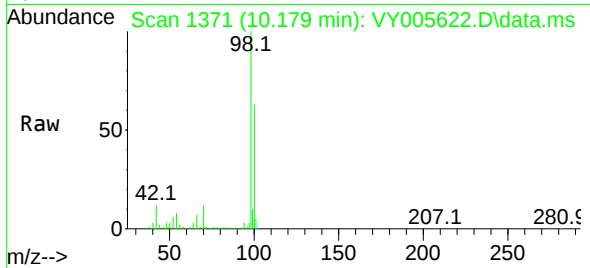




#51
4-Methyl-2-Pentanone
Concen: 1.033 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

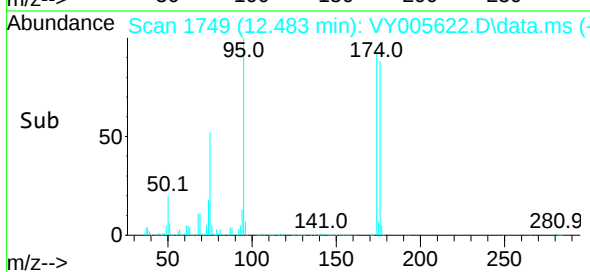
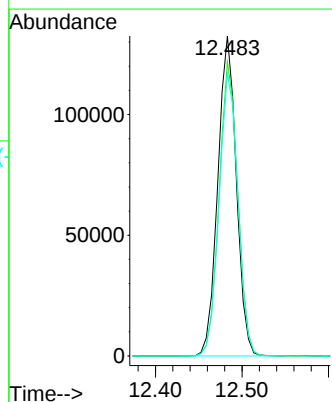
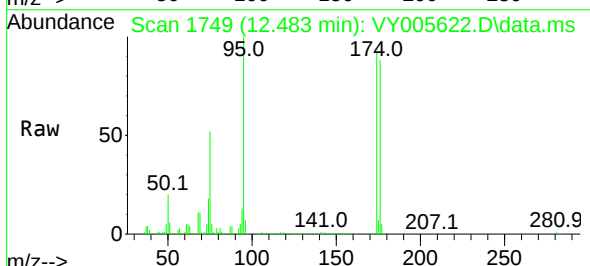
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-02-0510

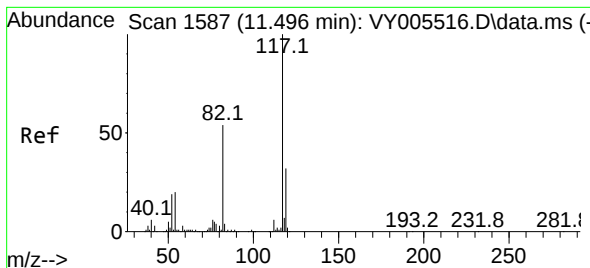
Tgt Ion: 43 Resp: 2493
Ion Ratio Lower Upper
43 100
58 187.8 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 59.390 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

Tgt Ion: 95 Resp: 196740
Ion Ratio Lower Upper
95 100
174 92.8 0.0 191.4
176 89.6 0.0 183.6

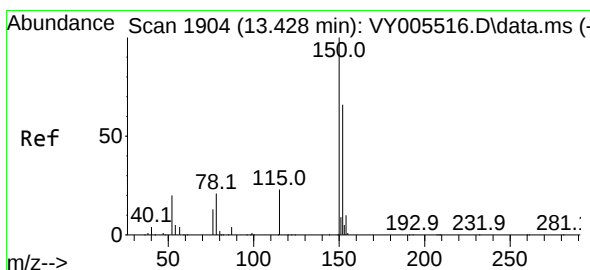
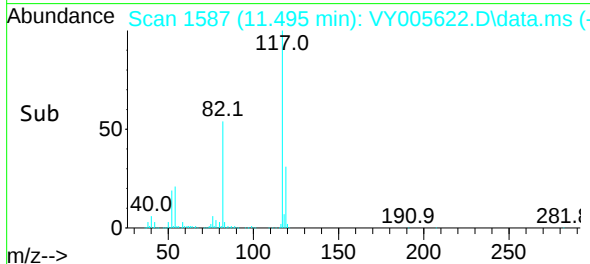
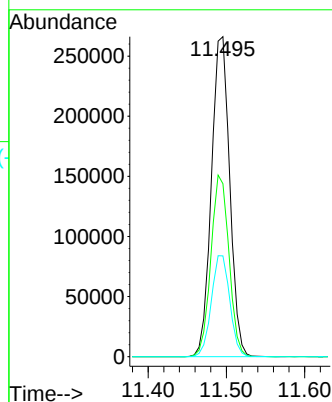
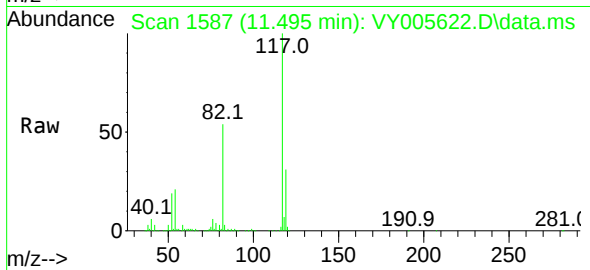




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

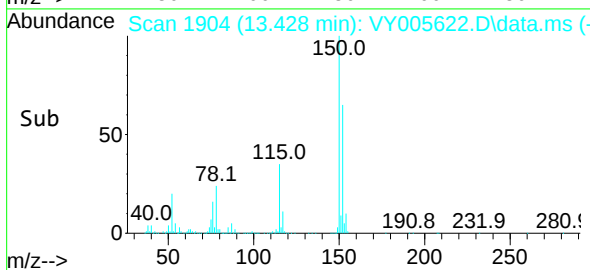
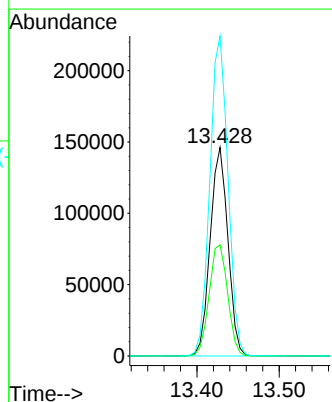
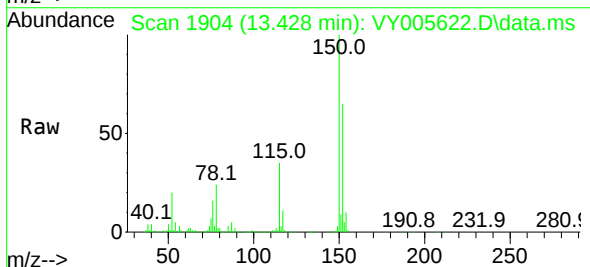
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-02-0510

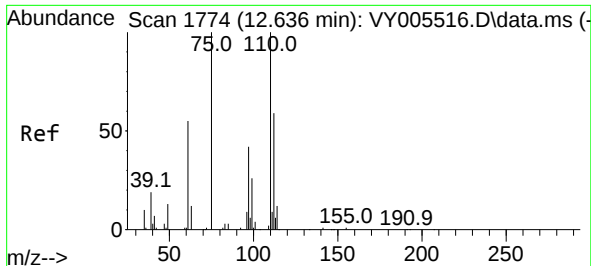
Tgt Ion:117 Resp: 431624
Ion Ratio Lower Upper
117 100
82 54.1 43.5 65.3
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

Tgt Ion:152 Resp: 218891
Ion Ratio Lower Upper
152 100
115 55.6 27.3 81.9
150 156.5 0.0 350.2

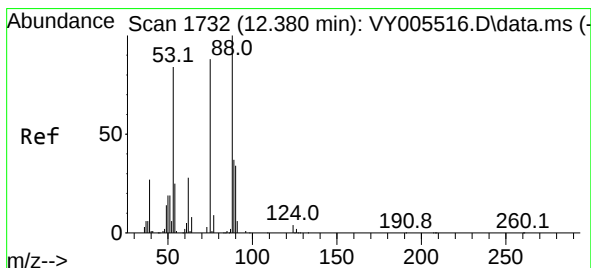
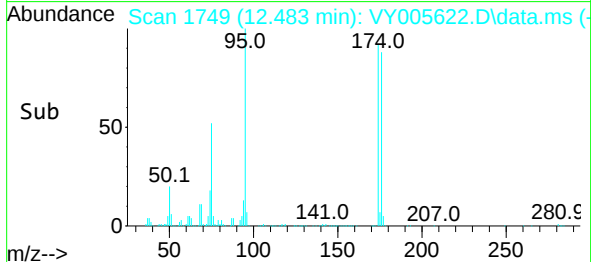
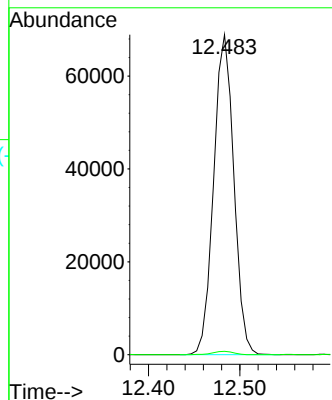
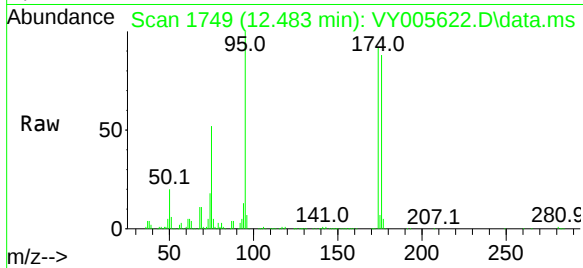




#76
1,2,3-Trichloropropane
Concen: 46.472 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

Instrument :
MSVOA_Y
ClientSampleId :
SWCS-02-0510

Tgt Ion: 75 Resp: 105414
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.681 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005622.D
Acq: 12 Aug 2021 15:06

Tgt Ion: 75 Resp: 105414
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

