

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005709.D
 Acq On : 17 Aug 2021 14:05
 Operator : SY/MD
 Sample : M3390-01
 Misc : 6.11G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-03-0002

Quant Time: Aug 18 01:51:32 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)

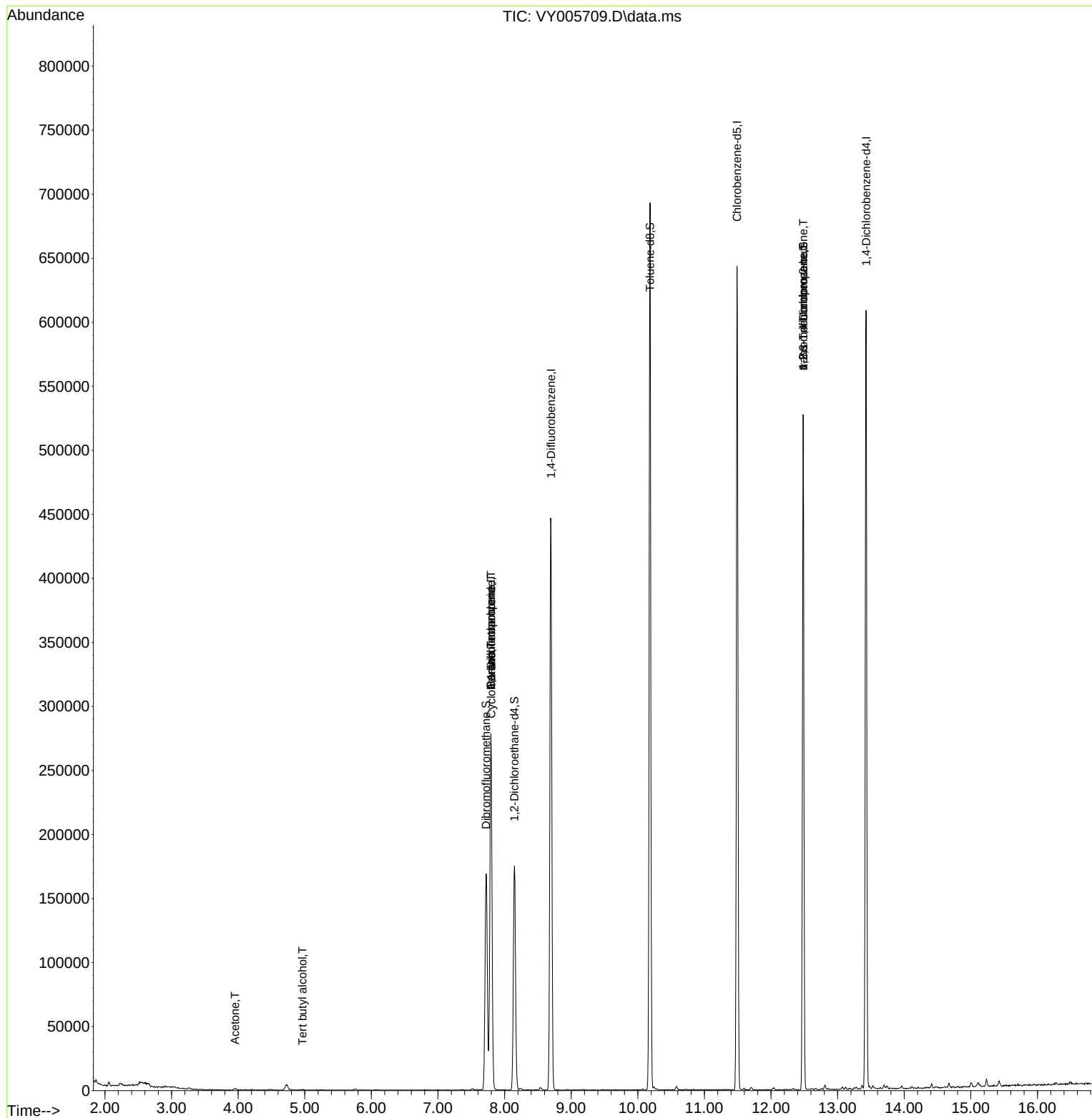
Internal Standards						
1) Pentafluorobenzene	7.795	168	224945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	387435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	339016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	141342	62.074	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.140%			
35) Dibromofluoromethane	7.722	113	117288	54.071	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.140%			
50) Toluene-d8	10.185	98	435760	47.900	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.800%			
62) 4-Bromofluorobenzene	12.483	95	145473	48.289	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.580%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.966	59	646	2.870	ug/l #	73
16) Acetone	3.954	43	2130	3.710	ug/l	97
20) Methylene Chloride	4.722	84	3175	Below Cal	#	82
31) Cyclohexane	7.801	56	4450	1.139	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	16506	4.542	ug/l #	49
38) Carbon Tetrachloride	7.795	117	20582	5.211	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	81158	49.543	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81158	99.872	ug/l #	11

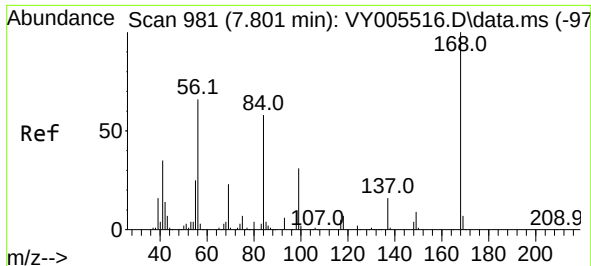
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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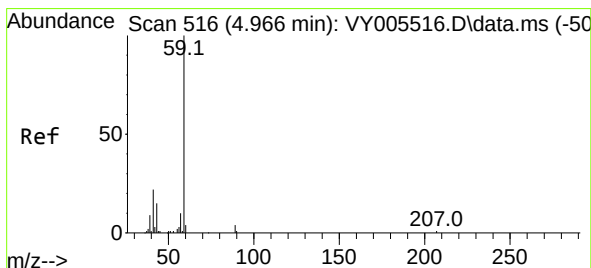
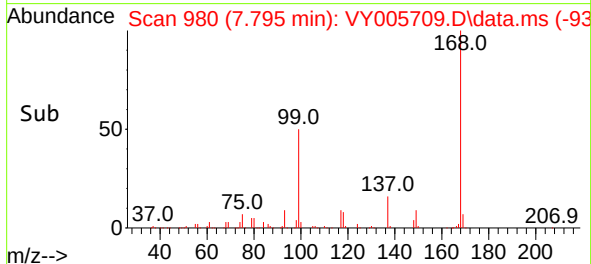
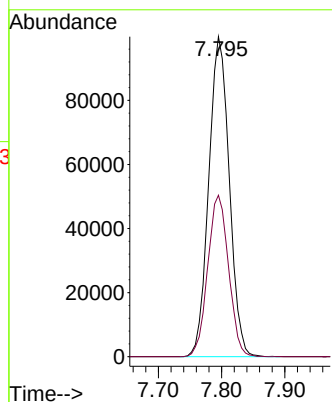
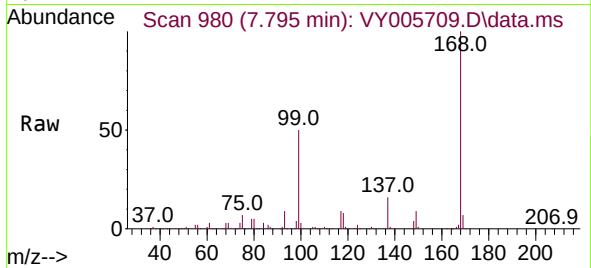




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005709.D
Acq: 17 Aug 2021 14:05

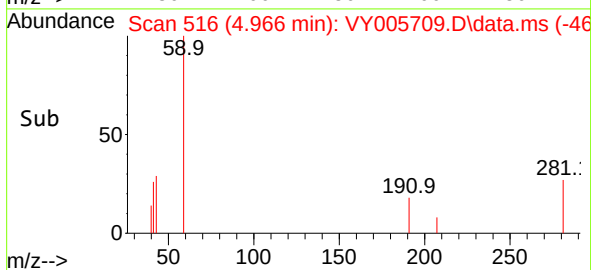
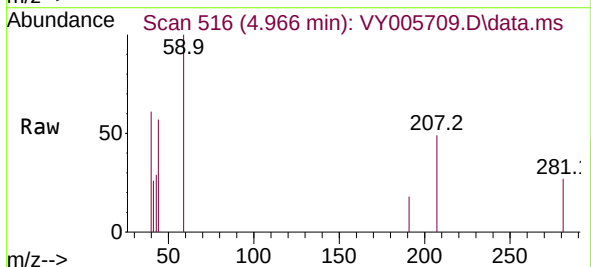
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-03-0002

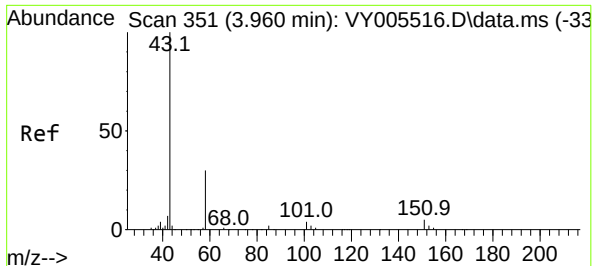
Tgt Ion:168 Resp: 224945
Ion Ratio Lower Upper
168 100
99 50.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.870 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005709.D
Acq: 17 Aug 2021 14:05

Tgt Ion: 59 Resp: 646
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

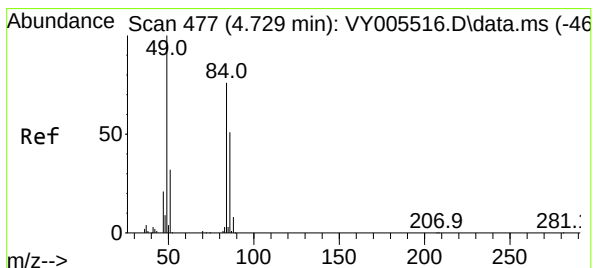
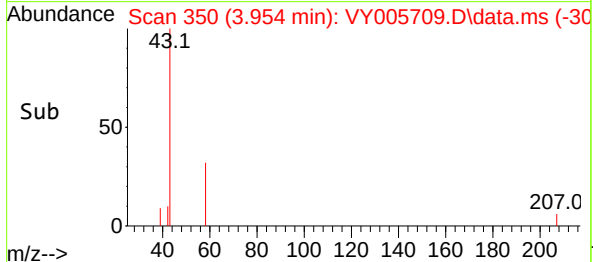
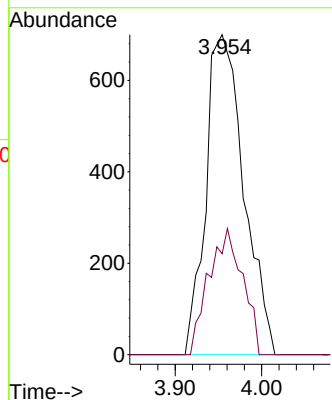
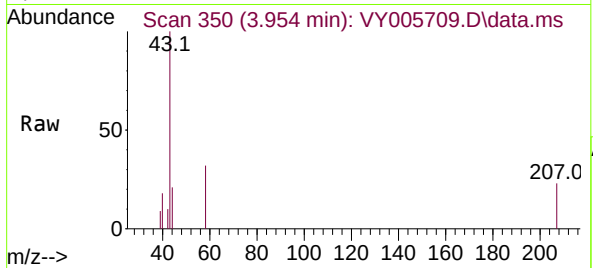




#16
Acetone
Concen: 3.710 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005709.D
Acq: 17 Aug 2021 14:05

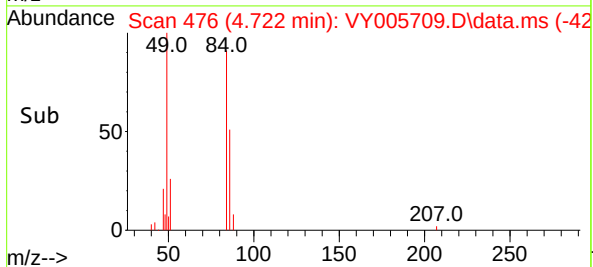
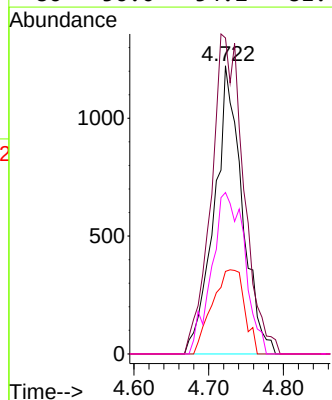
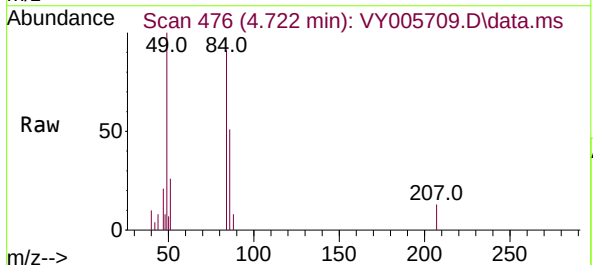
Instrument :
MSVOA_Y
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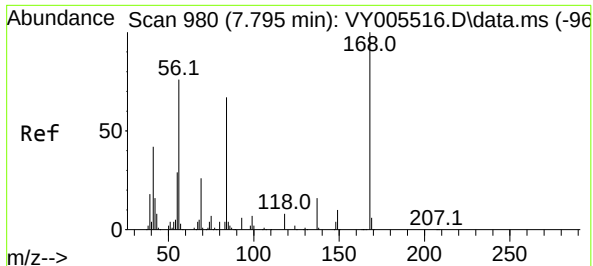
Tgt Ion: 43 Resp: 2130
Ion Ratio Lower Upper
43 100
58 31.6 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005709.D
Acq: 17 Aug 2021 14:05

Tgt Ion: 84 Resp: 3175
Ion Ratio Lower Upper
84 100
49 109.6 105.8 158.6
51 28.6 33.4 50.2#
86 56.0 54.2 81.4

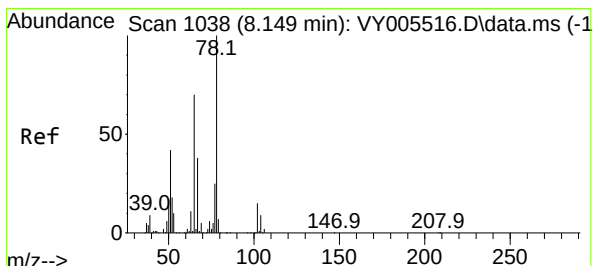
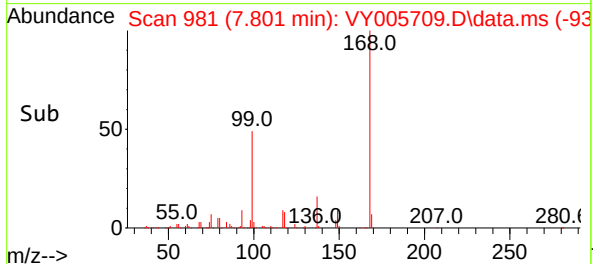
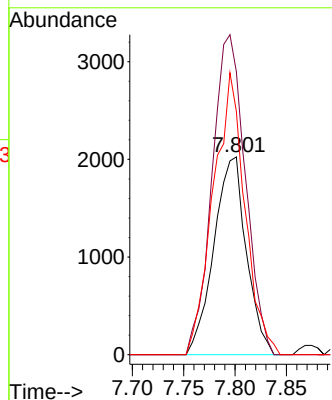
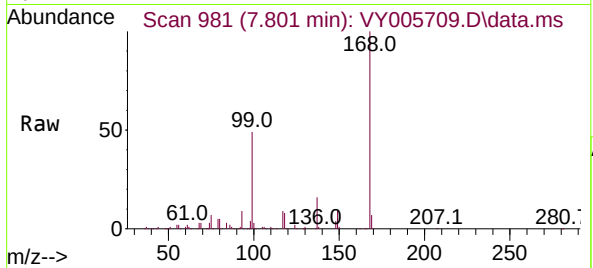




#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005709.D
Acq: 17 Aug 2021 14:05

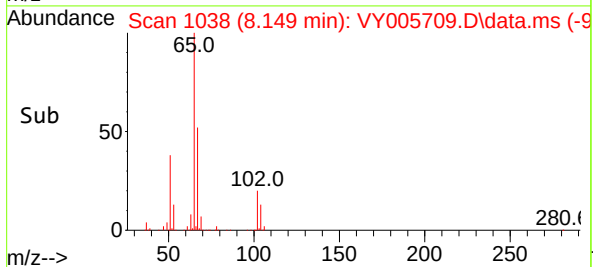
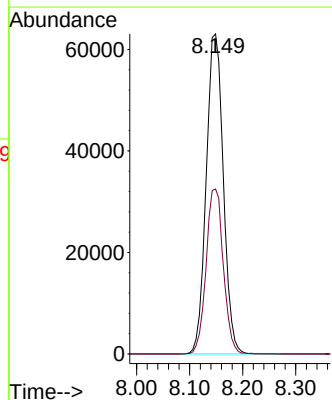
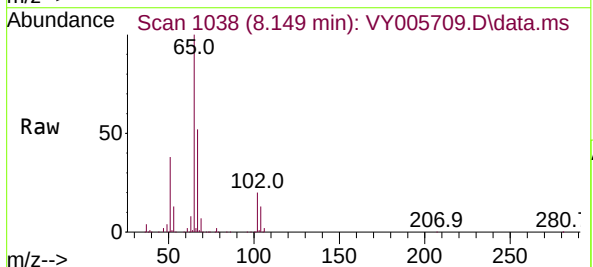
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-03-0002

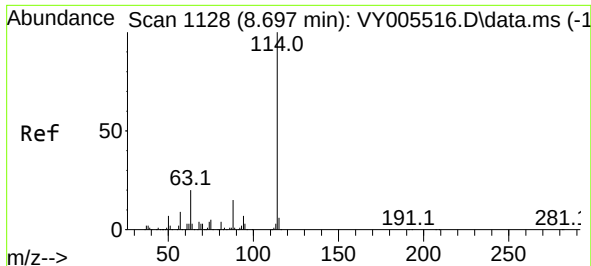
Tgt Ion: 56 Resp: 4450
Ion Ratio Lower Upper
56 100
69 143.2 27.7 41.5#
84 123.0 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 62.074 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005709.D
Acq: 17 Aug 2021 14:05

Tgt Ion: 65 Resp: 141342
Ion Ratio Lower Upper
65 100
67 51.8 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: VY005709.D

Acq: 17 Aug 2021 14:05

Instrument :

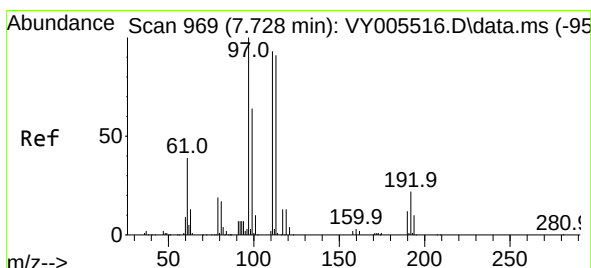
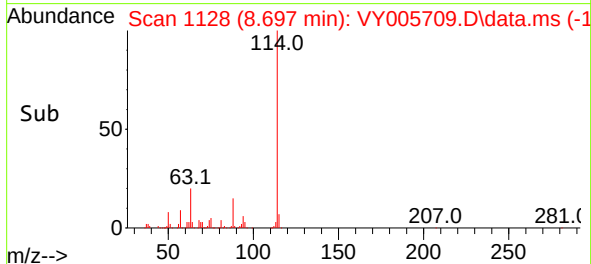
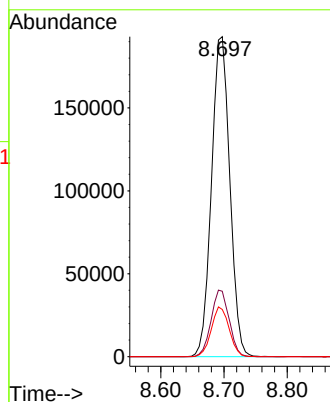
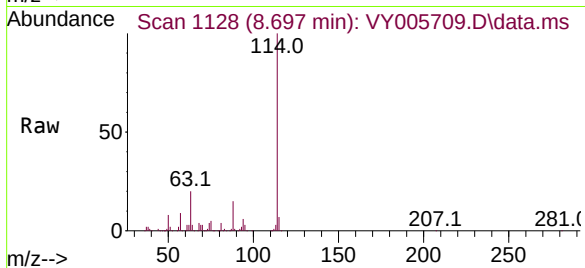
MSVOA_Y

ClientSampleId :

SWCS-03-0002

Tgt Ion:114 Resp: 387435

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.2
88	14.8	0.0	30.8



#35

Dibromofluoromethane

Concen: 54.071 ug/l

RT: 7.722 min Scan# 968

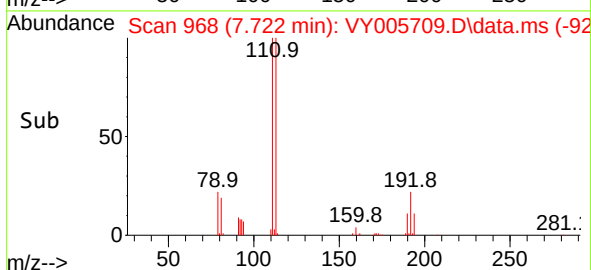
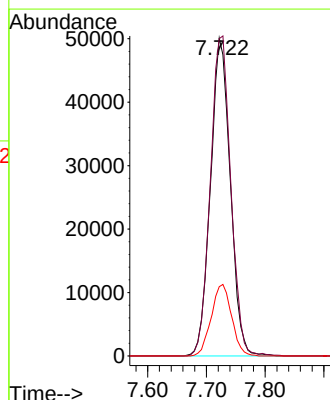
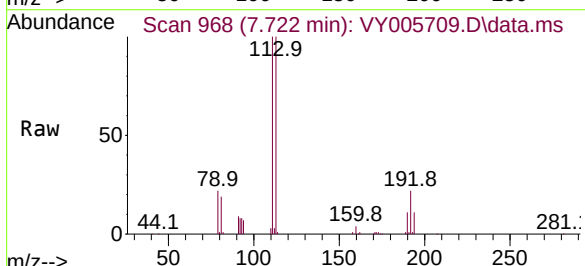
Delta R.T. -0.006 min

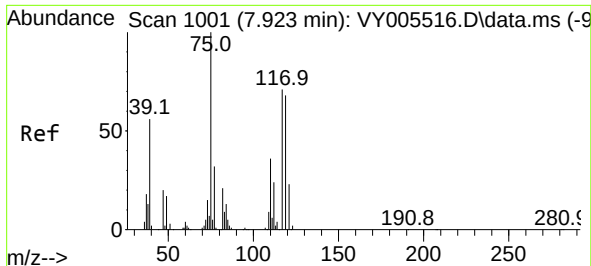
Lab File: VY005709.D

Acq: 17 Aug 2021 14:05

Tgt Ion:113 Resp: 117288

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	23.2	19.2	28.8

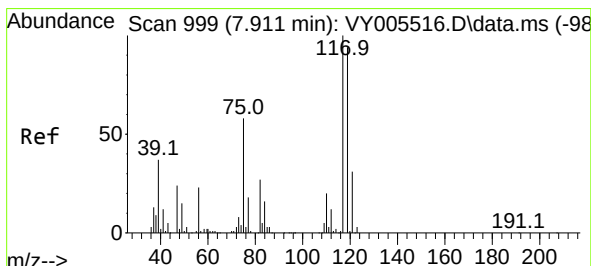
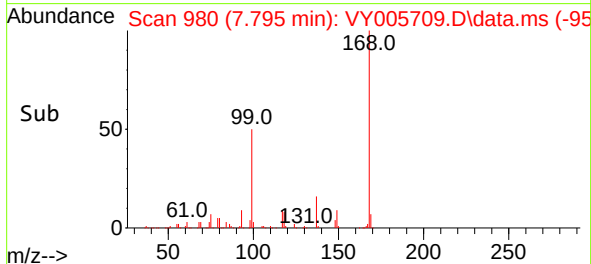
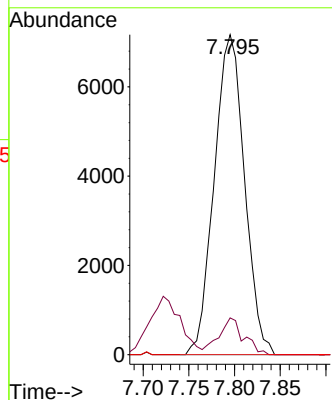
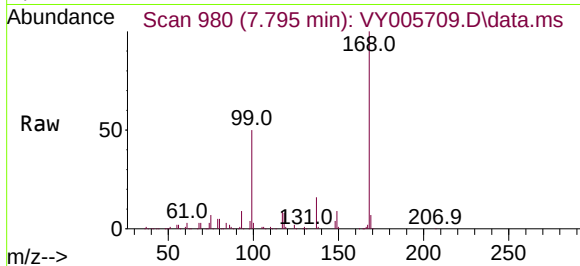




#36
1,1-Dichloropropene
Concen: 4.542 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005709.D
Acq: 17 Aug 2021 14:05

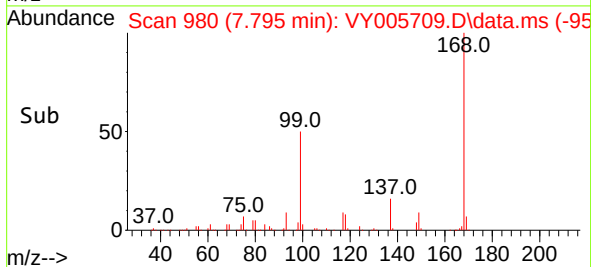
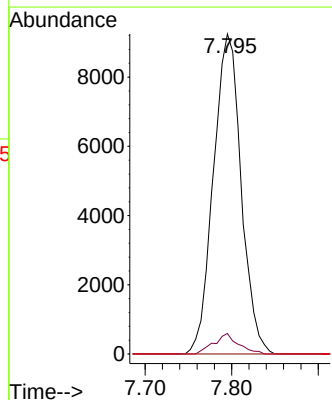
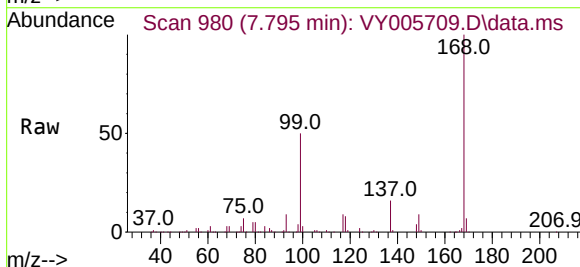
Instrument :
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SWCS-03-0002

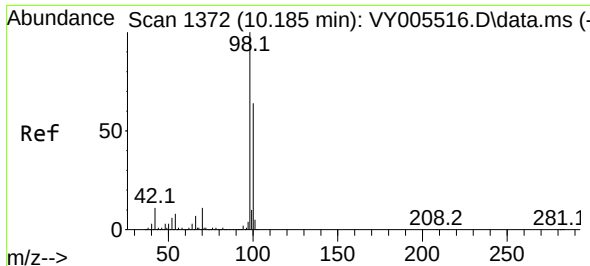
Tgt Ion: 75	Resp: 16506
Ion Ratio	Lower Upper
75 100	
110 9.5	18.1 54.1#
77 0.0	25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.211 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005709.D
Acq: 17 Aug 2021 14:05

Tgt Ion: 117	Resp: 20582
Ion Ratio	Lower Upper
117 100	
119 6.4	75.4 113.0#
121 0.0	25.1 37.7#

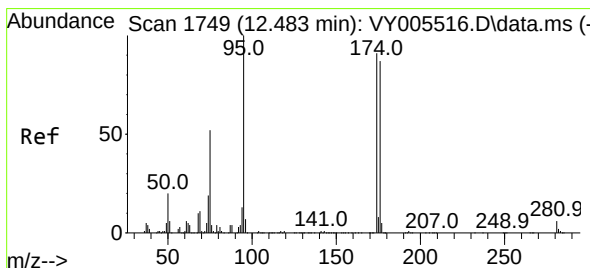
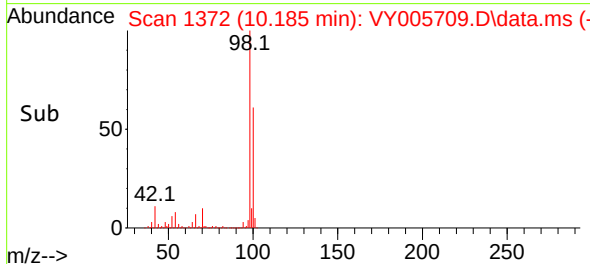
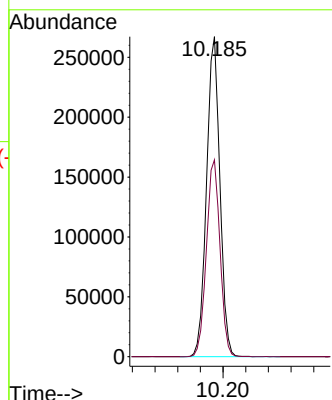
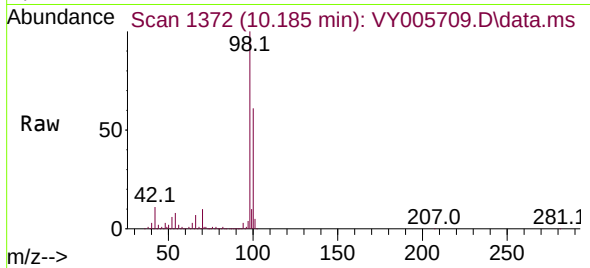




#50
Toluene-d8
Concen: 47.900 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005709.D
Acq: 17 Aug 2021 14:05

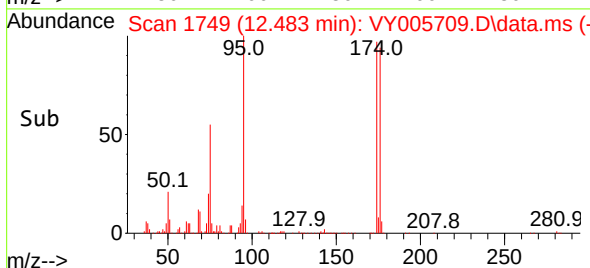
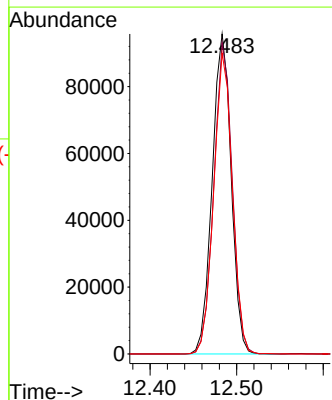
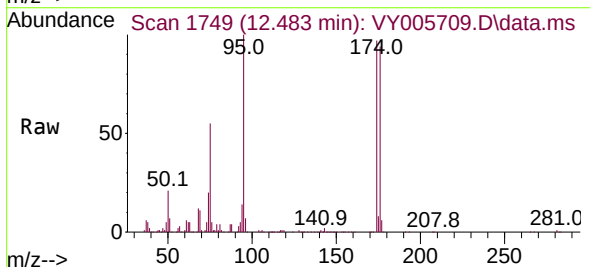
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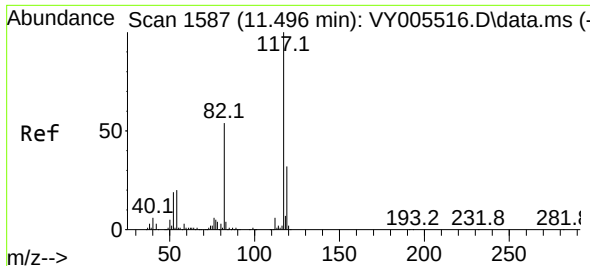
Tgt Ion: 98 Resp: 435760
Ion Ratio Lower Upper
98 100
100 62.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 48.289 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005709.D
Acq: 17 Aug 2021 14:05

Tgt Ion: 95 Resp: 145473
Ion Ratio Lower Upper
95 100
174 94.7 0.0 191.4
176 92.6 0.0 183.6

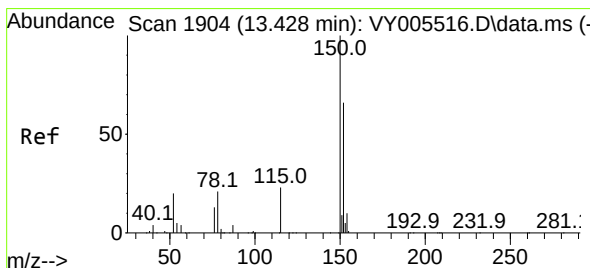
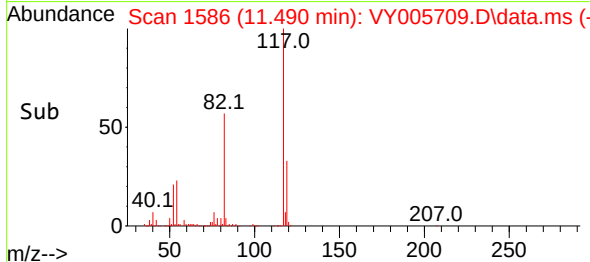
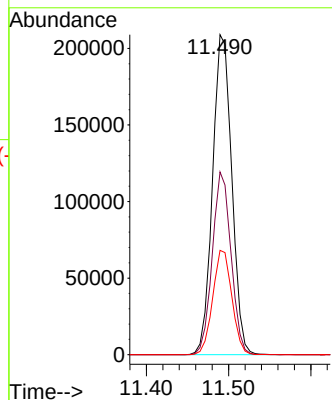
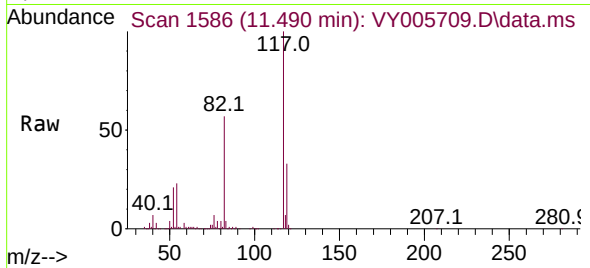




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005709.D
Acq: 17 Aug 2021 14:05

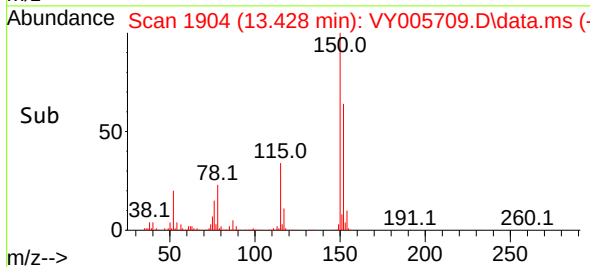
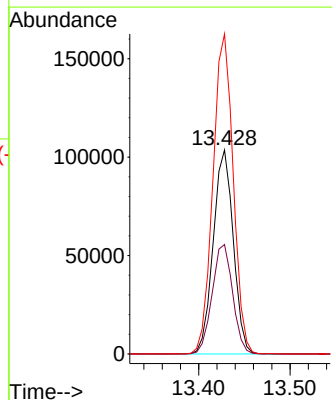
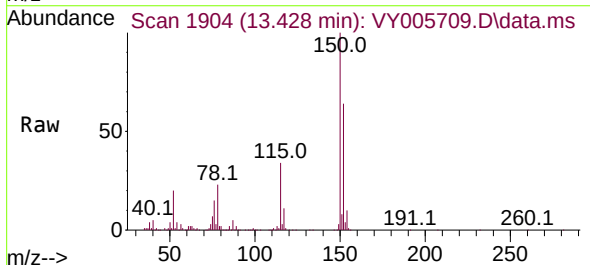
Instrument :
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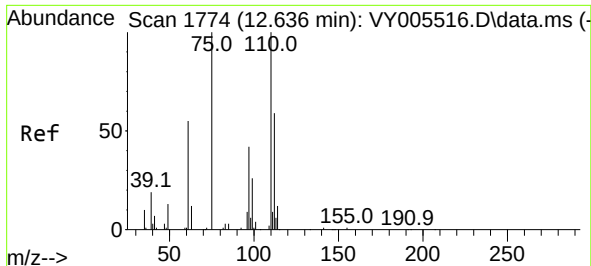
Tgt Ion:	117	Resp:	339016
Ion Ratio	Lower	Upper	
117	100		
82	57.1	43.5	65.3
119	32.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005709.D
Acq: 17 Aug 2021 14:05

Tgt Ion:	152	Resp:	158077
Ion Ratio	Lower	Upper	
152	100		
115	54.9	27.3	81.9
150	158.1	0.0	350.2

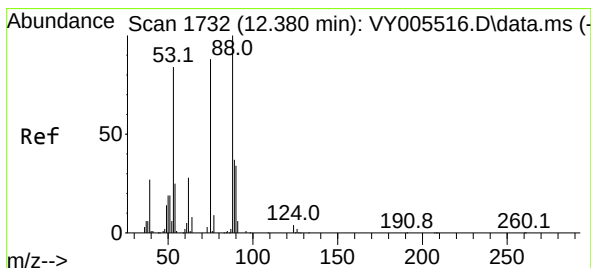
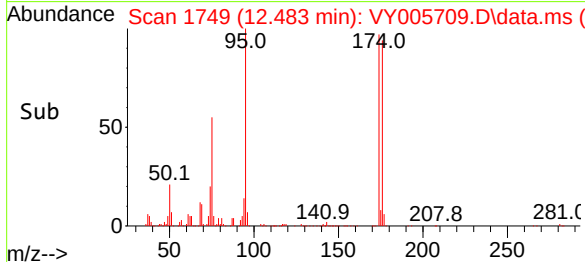
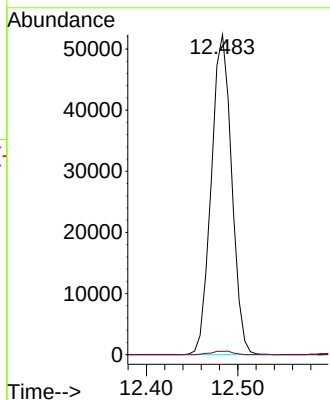
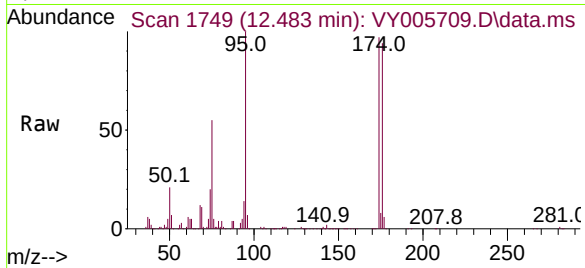




#76
1,2,3-Trichloropropane
Concen: 49.543 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005709.D
Acq: 17 Aug 2021 14:05

Instrument :
MSVOA_Y
ClientSampleId :
SWCS-03-0002

Tgt Ion: 75 Resp: 81158
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.872 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005709.D
Acq: 17 Aug 2021 14:05

Tgt Ion: 75 Resp: 81158
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

