

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
 Data File : VY005619.D
 Acq On : 12 Aug 2021 13:56
 Operator : SY/MD
 Sample : M3368-04
 Misc : 5.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-01-1015

Quant Time: Aug 13 04:21:56 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)

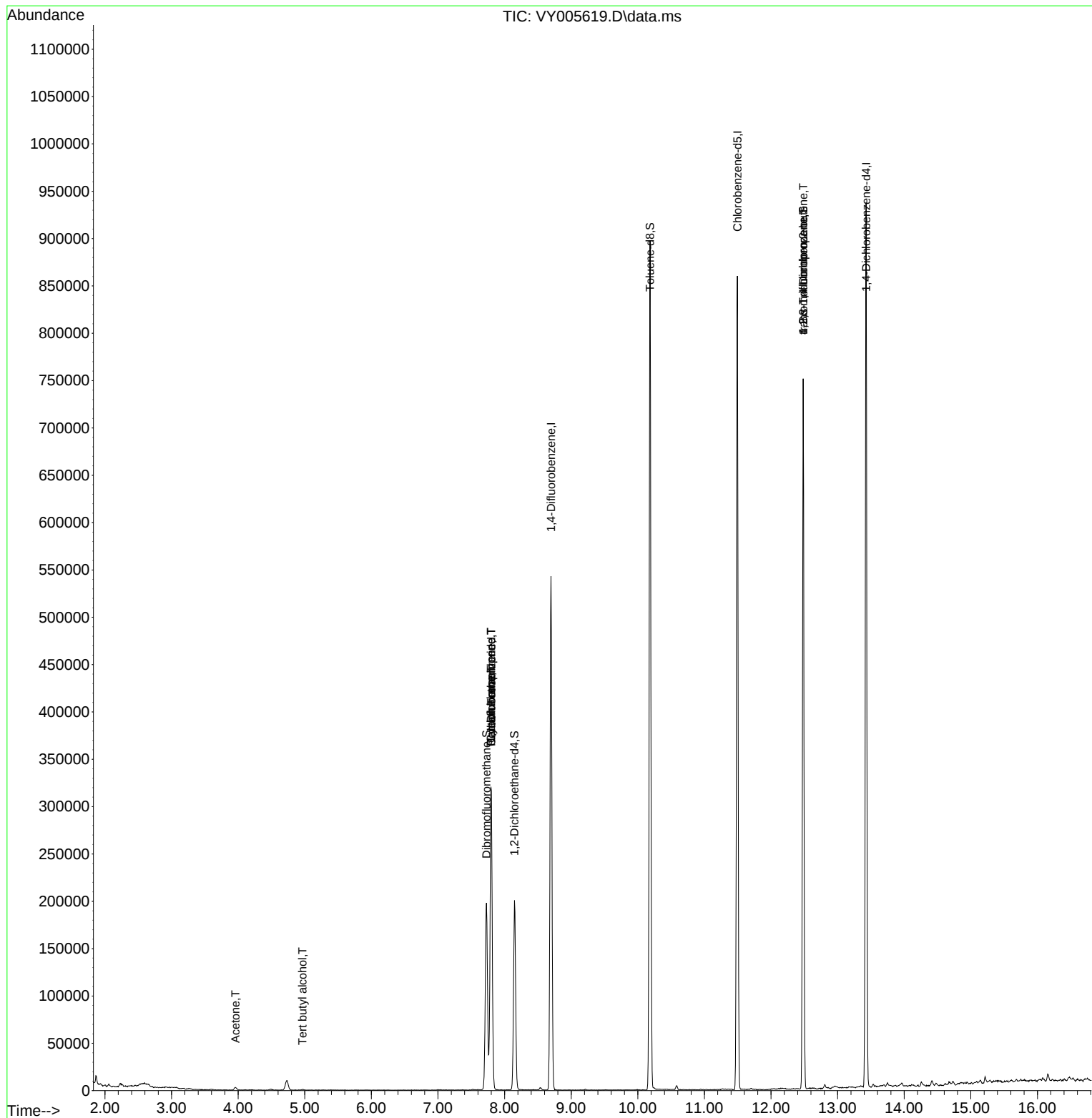
Internal Standards						
1) Pentafluorobenzene	7.801	168	263244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	451658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	456195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	240691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	160140	60.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.200%
35) Dibromofluoromethane	7.728	113	135754	53.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.360%
50) Toluene-d8	10.185	98	574109	54.134	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.260%
62) 4-Bromofluorobenzene	12.483	95	211317	60.171	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	1264	4.798	ug/l #	73
16) Acetone	3.960	43	4819	7.173	ug/l #	81
20) Methylene Chloride	4.728	84	7896	Below Cal		94
31) Cyclohexane	7.795	56	5034	1.101	ug/l #	2
36) 1,1-Dichloropropene	7.795	75	18247	4.307	ug/l #	49
38) Carbon Tetrachloride	7.801	117	24565	5.335	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	112051	44.924	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	112051	90.560	ug/l #	11

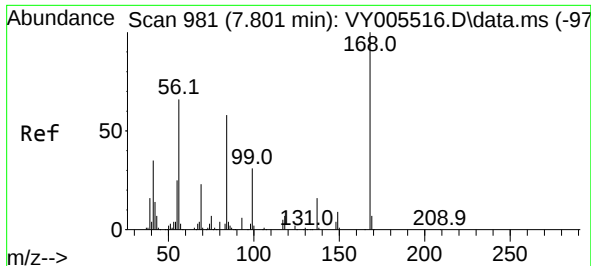
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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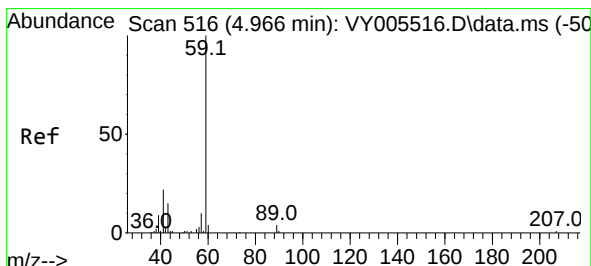
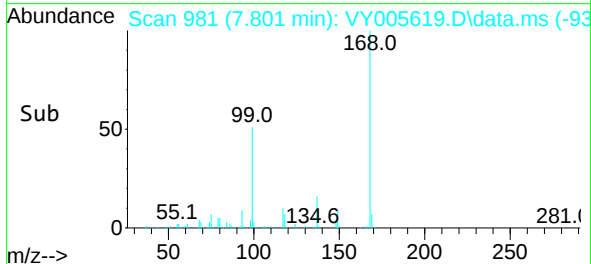
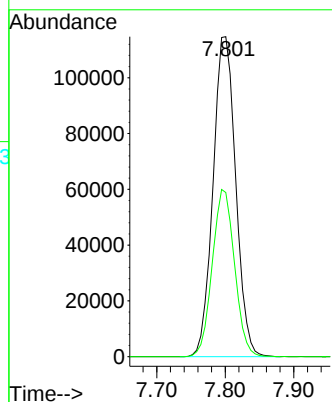
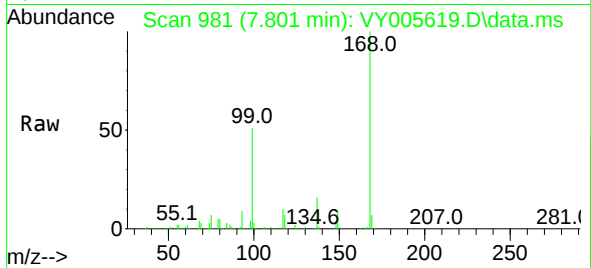




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005619.D
Acq: 12 Aug 2021 13:56

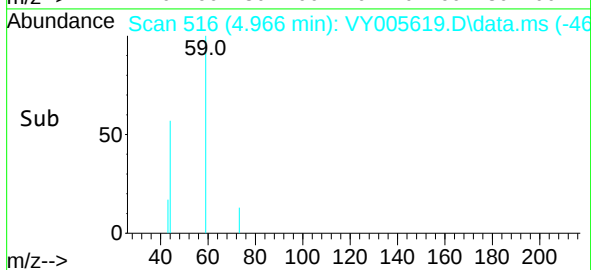
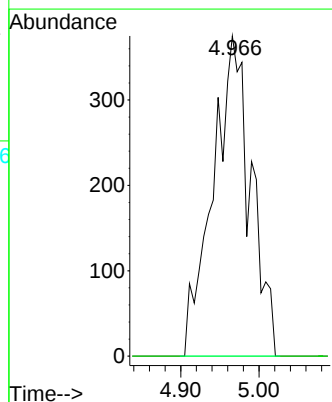
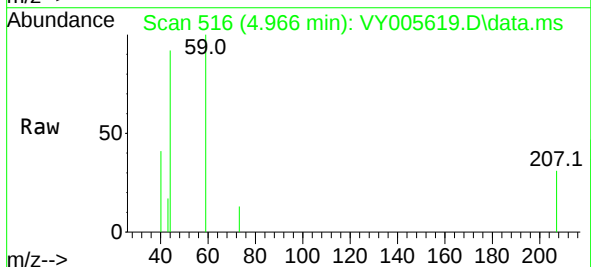
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-1015

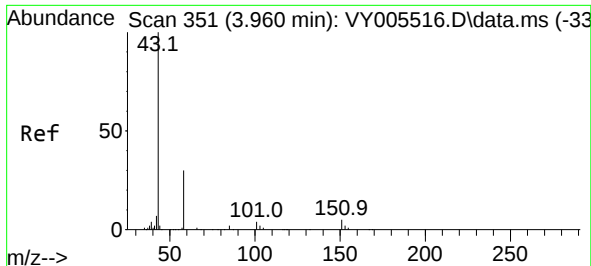
Tgt Ion:168 Resp: 263244
Ion Ratio Lower Upper
168 100
99 51.3 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.798 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005619.D
Acq: 12 Aug 2021 13:56

Tgt Ion: 59 Resp: 1264
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

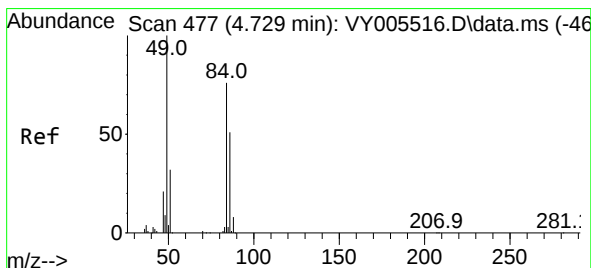
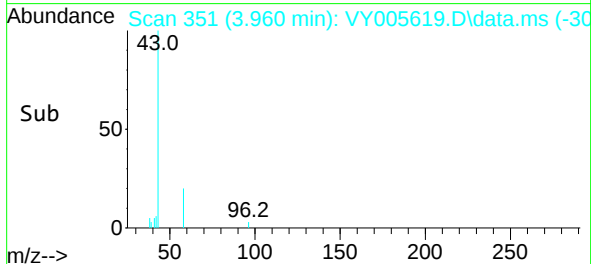
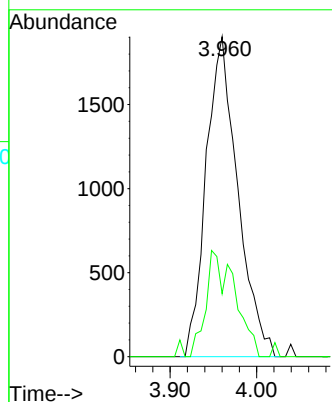
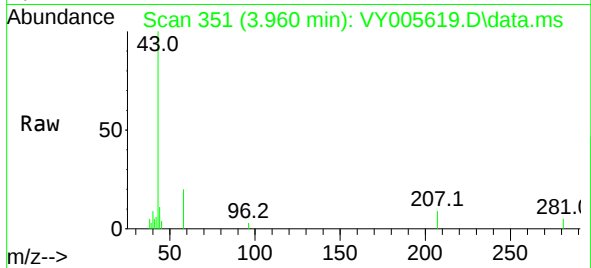




#16
Acetone
Concen: 7.173 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005619.D
Acq: 12 Aug 2021 13:56

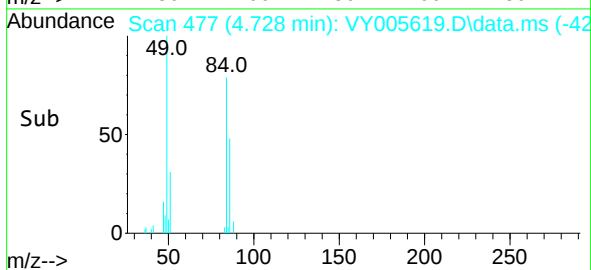
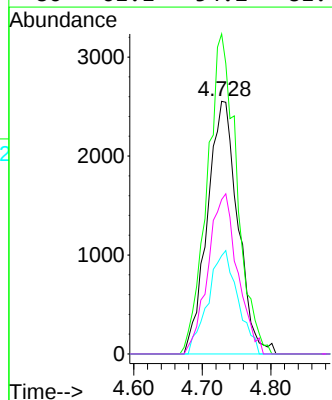
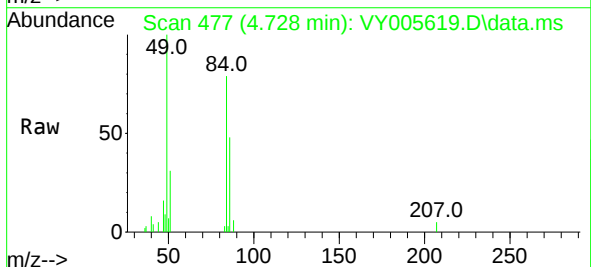
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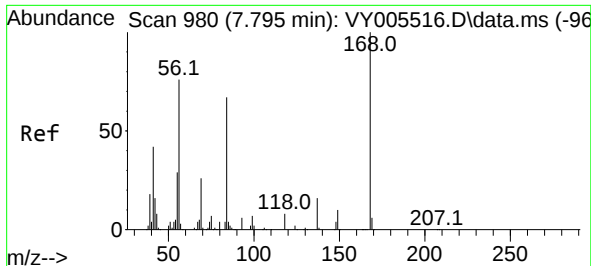
Tgt Ion: 43 Resp: 4819
Ion Ratio Lower Upper
43 100
58 19.7 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005619.D
Acq: 12 Aug 2021 13:56

Tgt Ion: 84 Resp: 7896
Ion Ratio Lower Upper
84 100
49 126.6 105.8 158.6
51 38.9 33.4 50.2
86 61.1 54.2 81.4

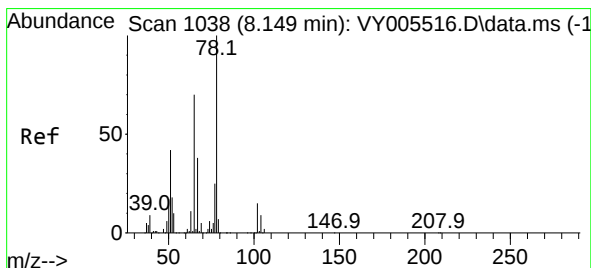
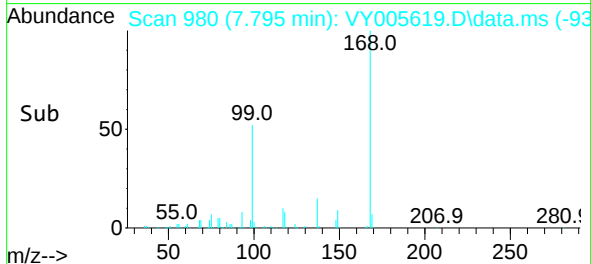
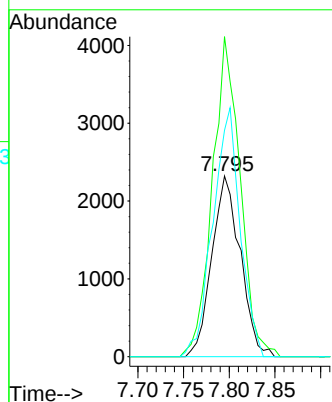
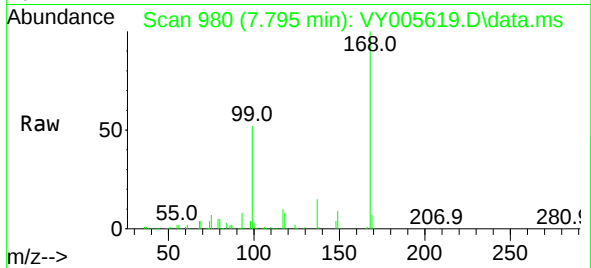




#31
Cyclohexane
Concen: 1.101 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005619.D
Acq: 12 Aug 2021 13:56

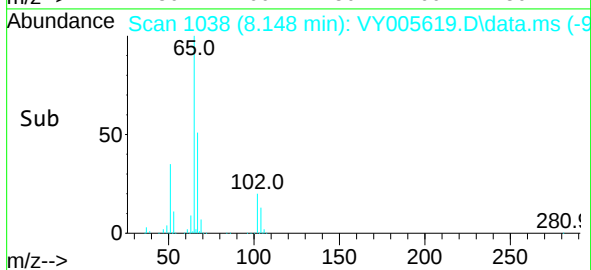
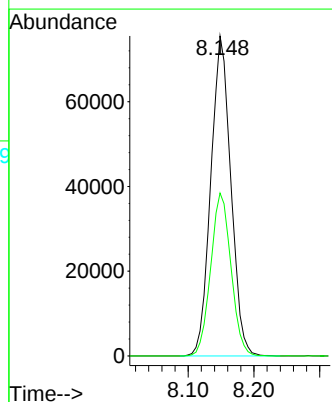
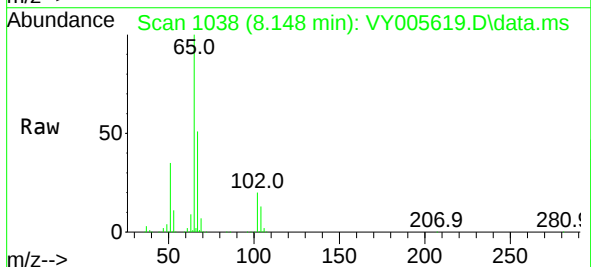
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-1015

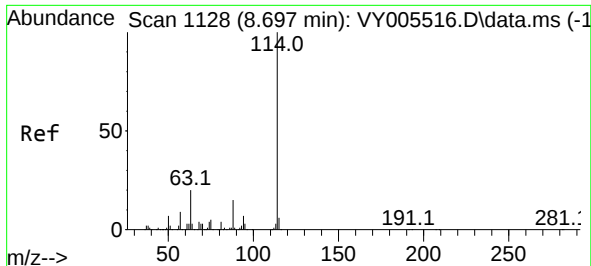
Tgt Ion: 56 Resp: 5034
Ion Ratio Lower Upper
56 100
69 177.1 27.7 41.5#
84 125.3 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 60.097 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005619.D
Acq: 12 Aug 2021 13:56

Tgt Ion: 65 Resp: 160140
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4

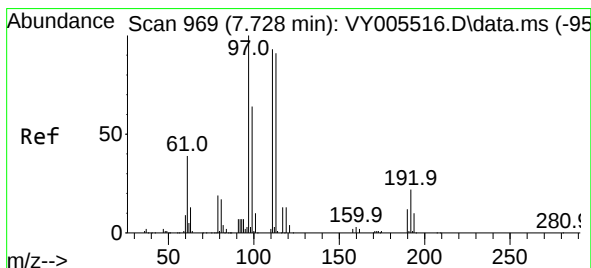
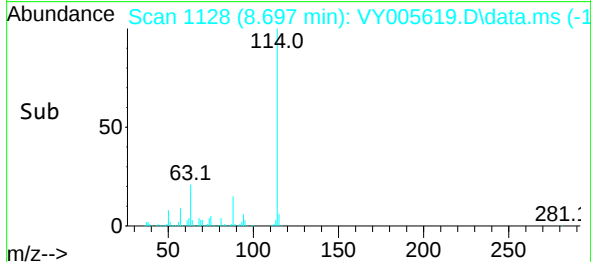
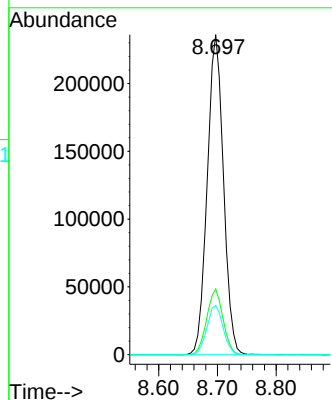
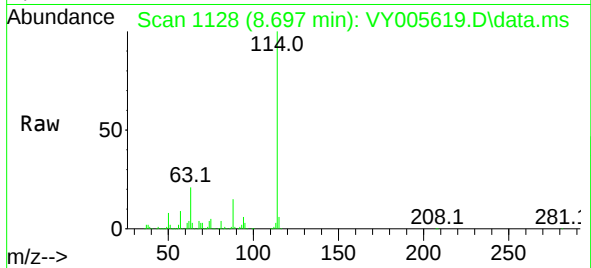




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005619.D
Acq: 12 Aug 2021 13:56

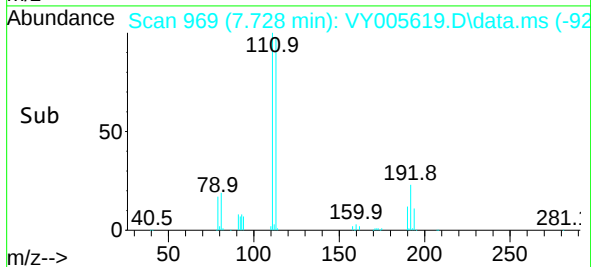
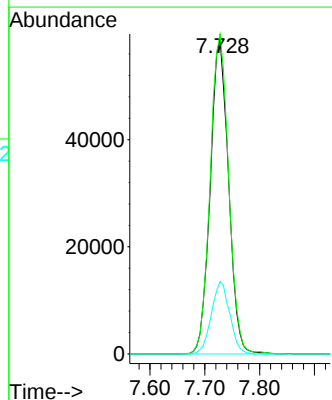
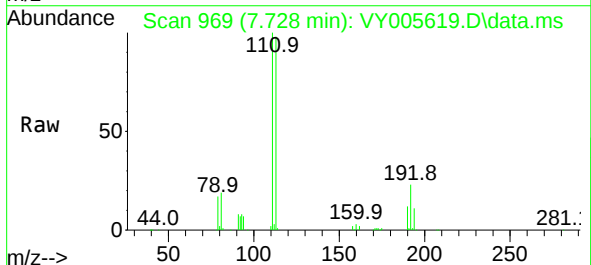
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-1015

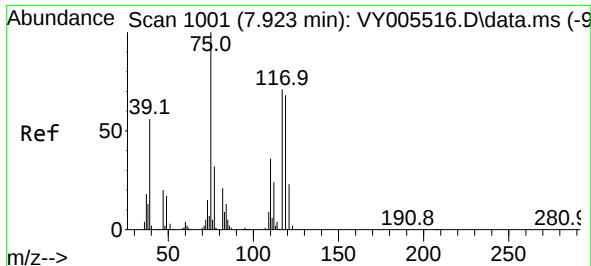
Tgt Ion:114 Resp: 451658
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.2
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.685 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005619.D
Acq: 12 Aug 2021 13:56

Tgt Ion:113 Resp: 135754
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 23.1 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.307 ug/l

RT: 7.795 min Scan# 980

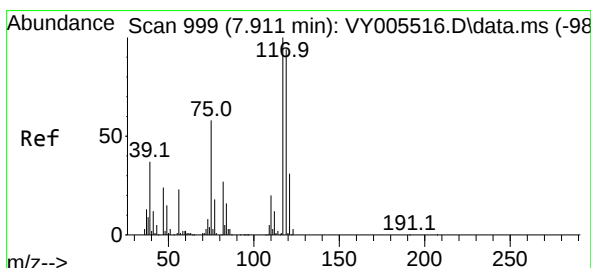
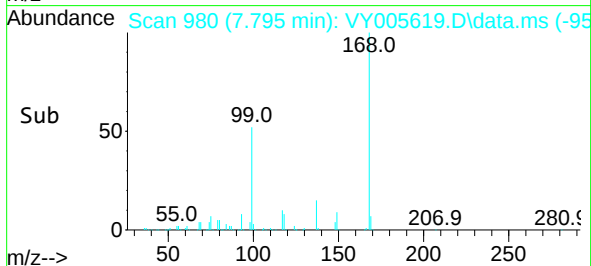
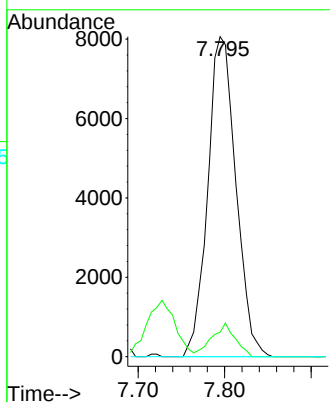
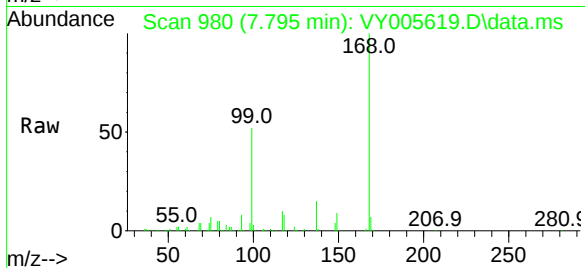
Delta R.T. -0.128 min

Lab File: VY005619.D

Acq: 12 Aug 2021 13:56

Tgt Ion:	75	Resp:	18247
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.1#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-1015



#38

Carbon Tetrachloride

Concen: 5.335 ug/l

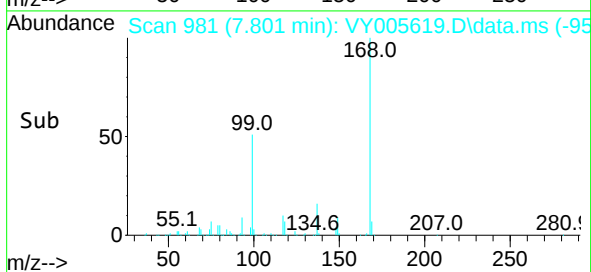
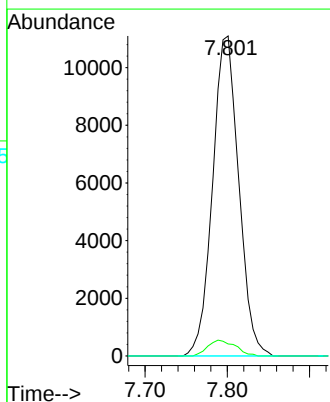
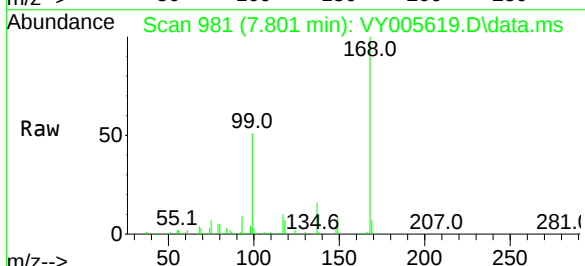
RT: 7.801 min Scan# 981

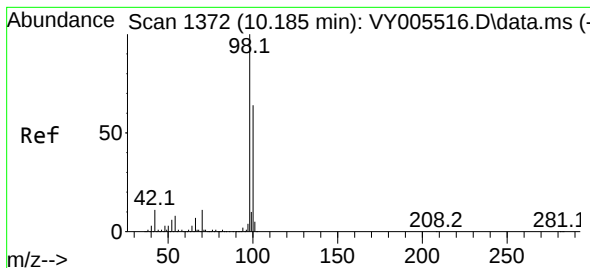
Delta R.T. -0.110 min

Lab File: VY005619.D

Acq: 12 Aug 2021 13:56

Tgt Ion:	117	Resp:	24565
Ion	Ratio	Lower	Upper
117	100		
119	3.8	75.4	113.0#
121	0.0	25.1	37.7#

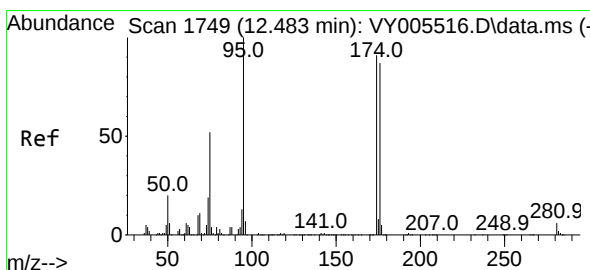
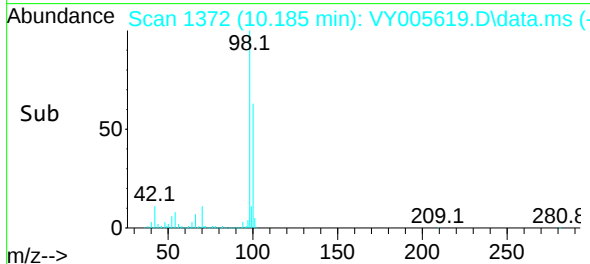
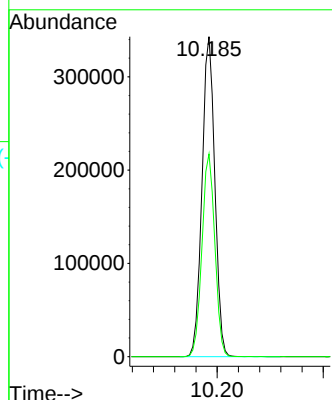
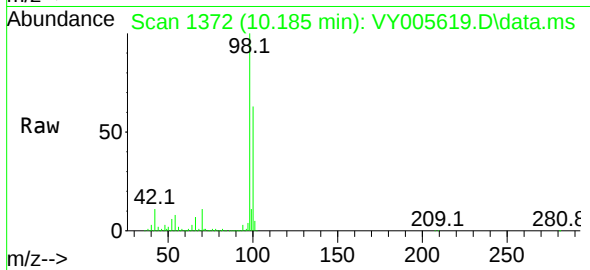




#50
Toluene-d8
Concen: 54.134 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005619.D
Acq: 12 Aug 2021 13:56

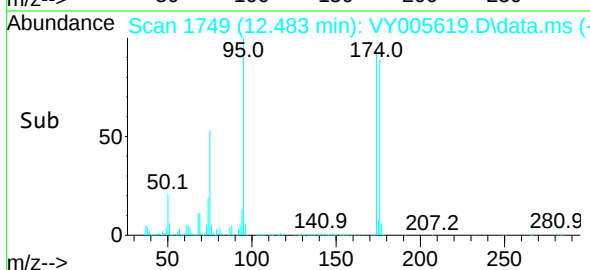
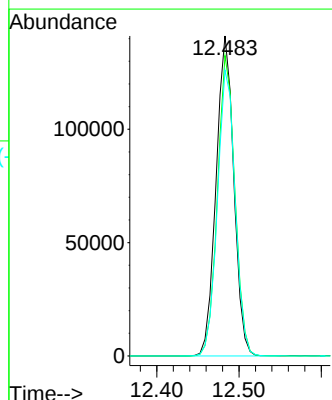
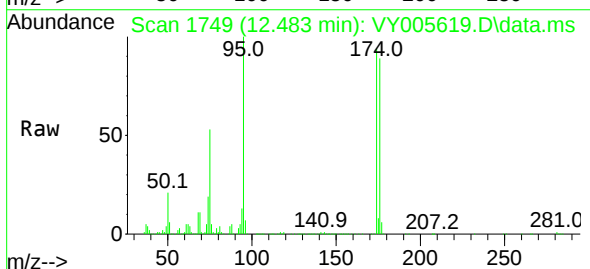
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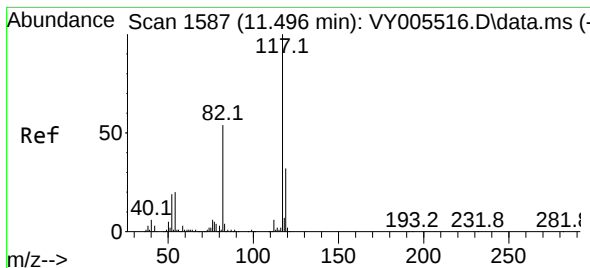
Tgt Ion: 98 Resp: 574109
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 60.171 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005619.D
Acq: 12 Aug 2021 13:56

Tgt Ion: 95 Resp: 211317
Ion Ratio Lower Upper
95 100
174 92.6 0.0 191.4
176 89.4 0.0 183.6

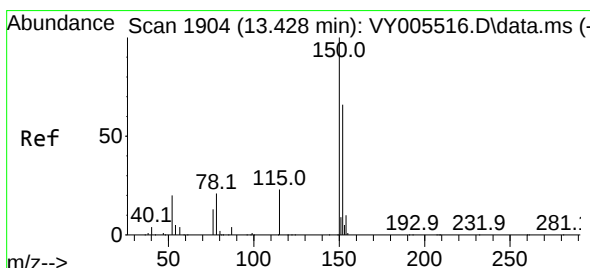
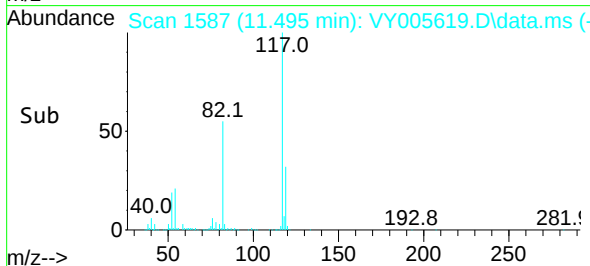
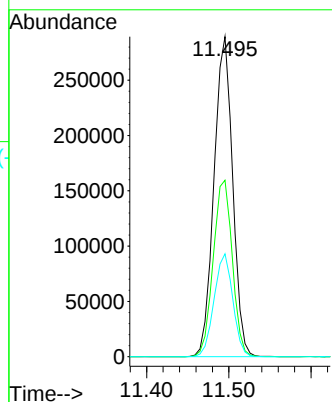
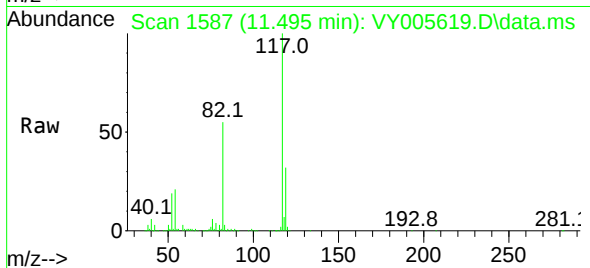




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005619.D
Acq: 12 Aug 2021 13:56

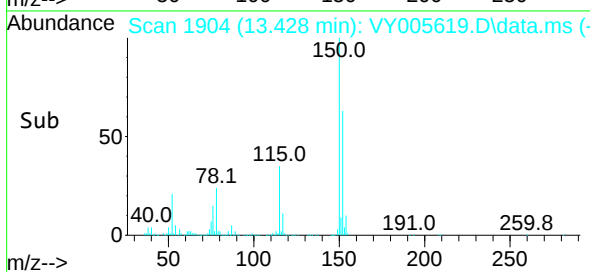
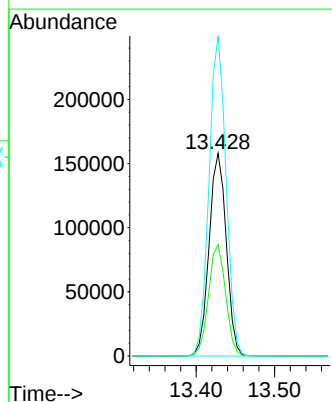
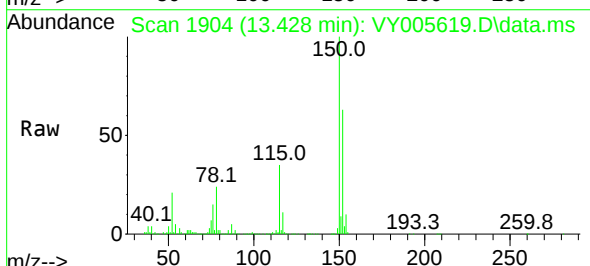
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-1015

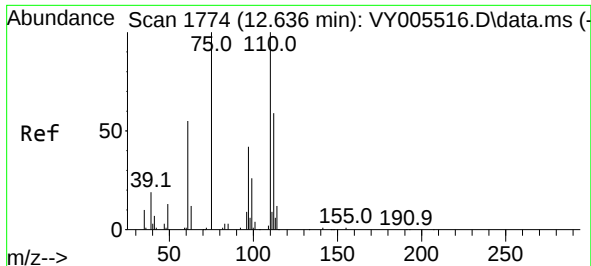
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.5	65.3
119	32.2	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005619.D
Acq: 12 Aug 2021 13:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.3	81.9
150	155.9	0.0	350.2

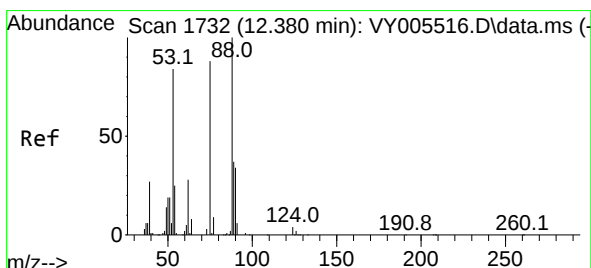
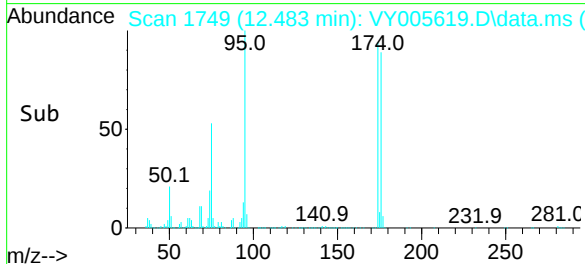
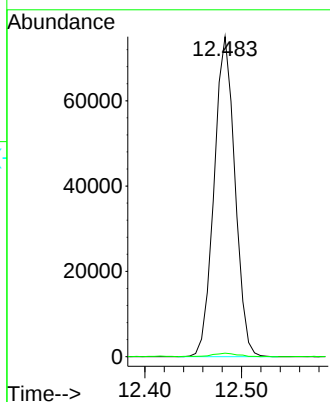
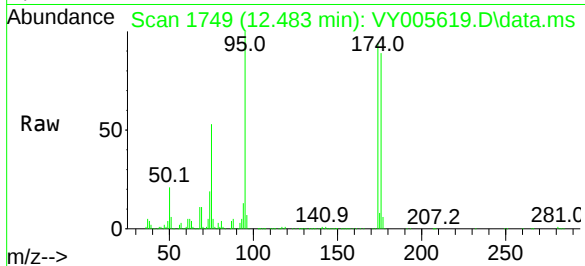




#76
1,2,3-Trichloropropane
Concen: 44.924 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005619.D
Acq: 12 Aug 2021 13:56

Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-1015

Tgt Ion: 75 Resp: 112051
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.560 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005619.D
Acq: 12 Aug 2021 13:56

Tgt Ion: 75 Resp: 112051
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.1 38.4 57.6#

