

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005682.D
 Acq On : 16 Aug 2021 19:47
 Operator : SY/MD
 Sample : M3429-07
 Misc : 13.62G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3

Quant Time: Aug 17 05:21:26 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)

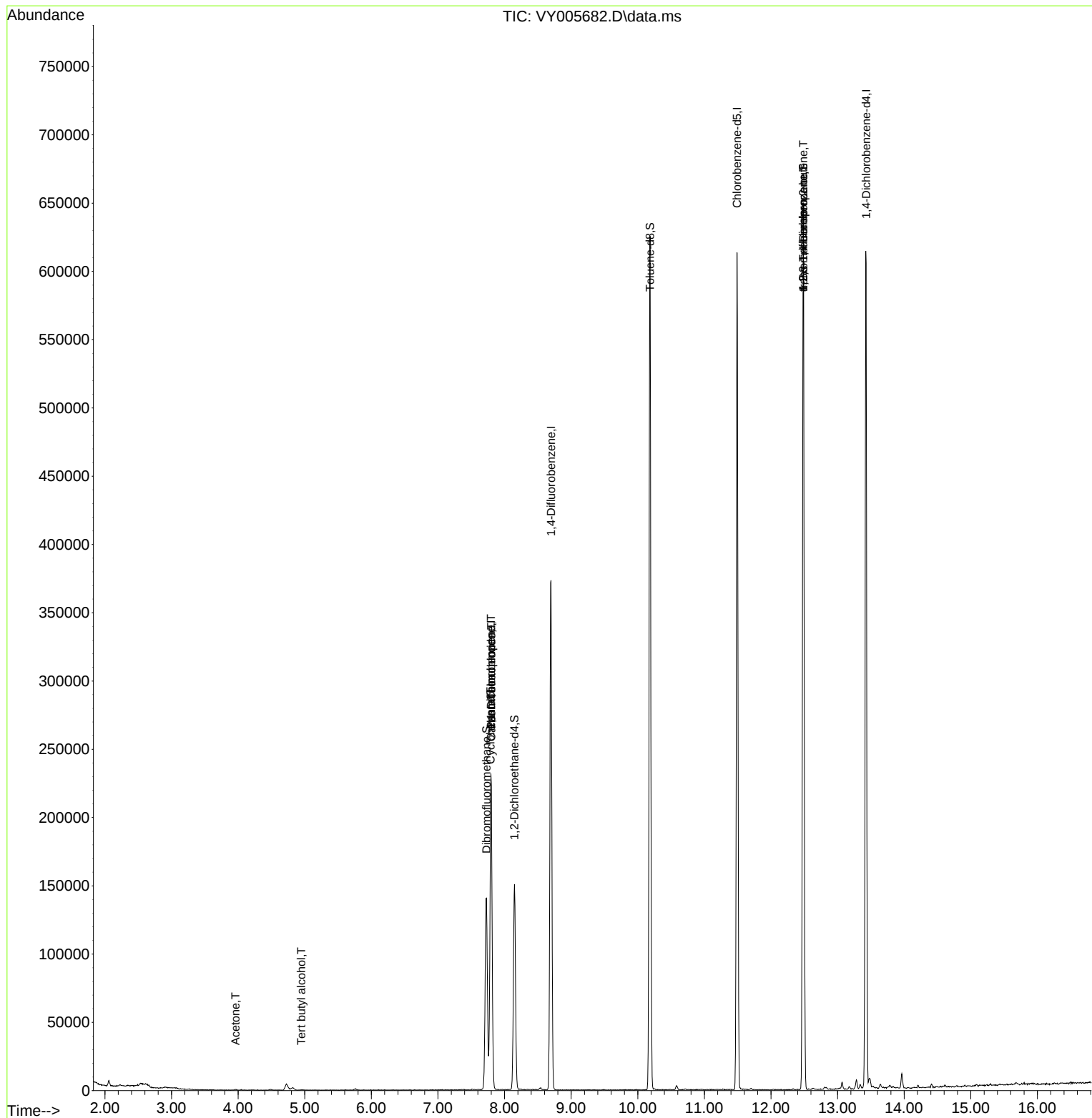
Internal Standards						
1) Pentafluorobenzene	7.795	168	183651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	313966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	319462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	121935	65.591	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.180%	
35) Dibromofluoromethane	7.728	113	95488	54.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.640%	
50) Toluene-d8	10.185	98	404750	54.902	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.800%	
62) 4-Bromofluorobenzene	12.483	95	141441	57.937	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	274	1.491	ug/l #	73
16) Acetone	3.960	43	824	1.758	ug/l #	70
20) Methylene Chloride	4.723	84	2931	Below Cal	#	94
31) Cyclohexane	7.789	56	3655	1.146	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	13067	4.437	ug/l #	49
38) Carbon Tetrachloride	7.801	117	16547	5.170	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	79996	48.300	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79996	97.367	ug/l #	11

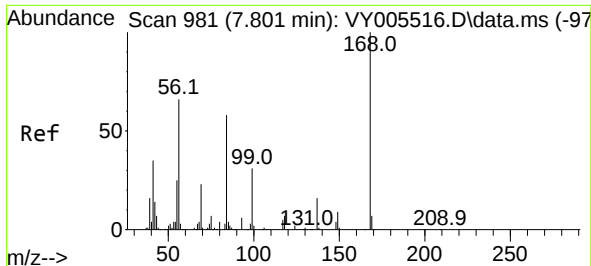
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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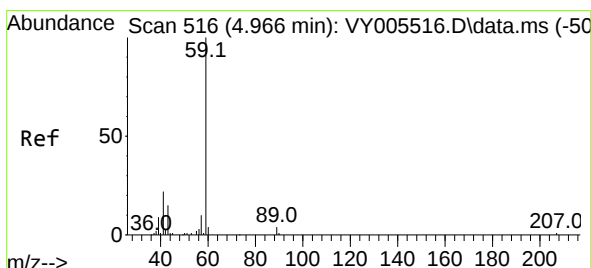
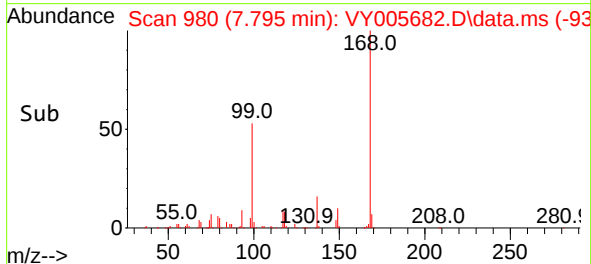
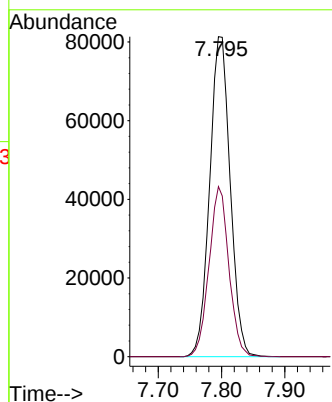
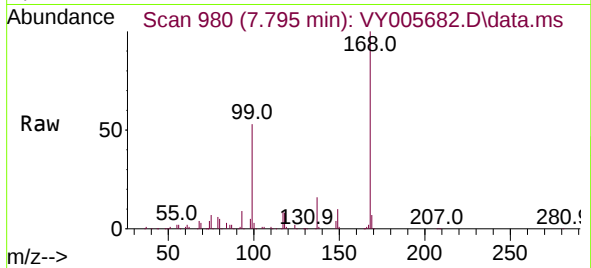




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005682.D
Acq: 16 Aug 2021 19:47

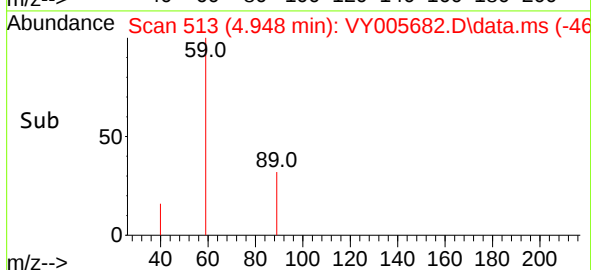
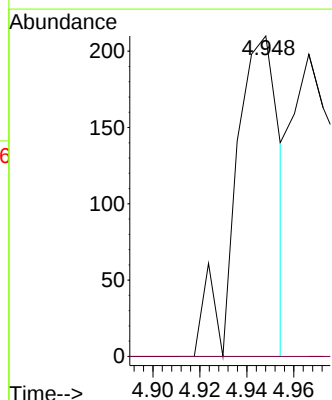
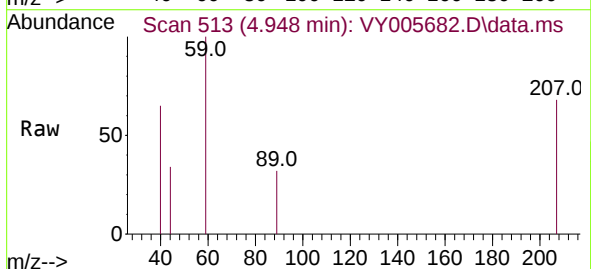
Instrument :
MSVOA_Y
ClientSampled :
WC-3

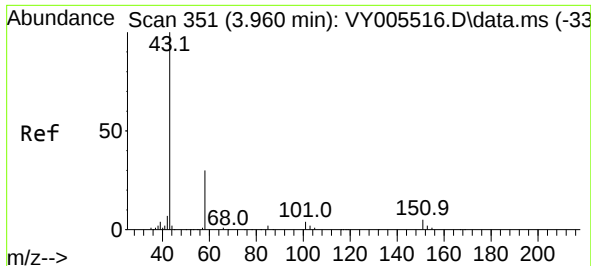
Tgt Ion:168 Resp: 183651
Ion Ratio Lower Upper
168 100
99 53.1 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.491 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005682.D
Acq: 16 Aug 2021 19:47

Tgt Ion: 59 Resp: 274
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

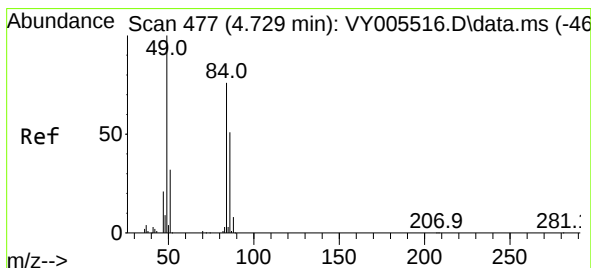
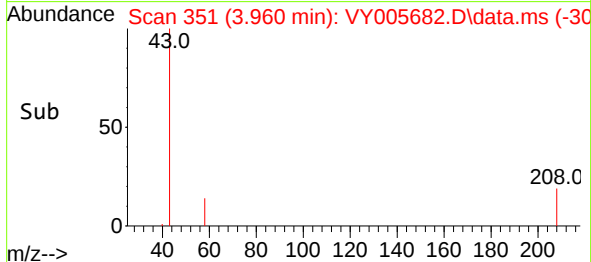
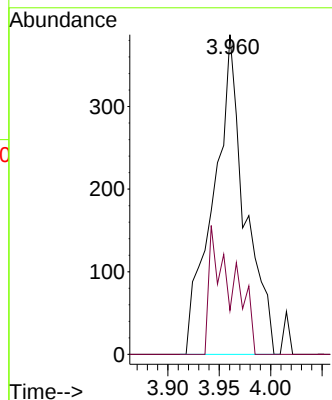
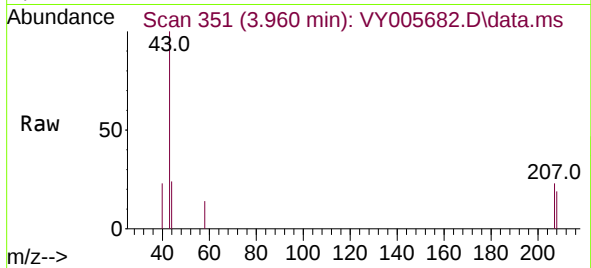




#16
Acetone
Concen: 1.758 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005682.D
Acq: 16 Aug 2021 19:47

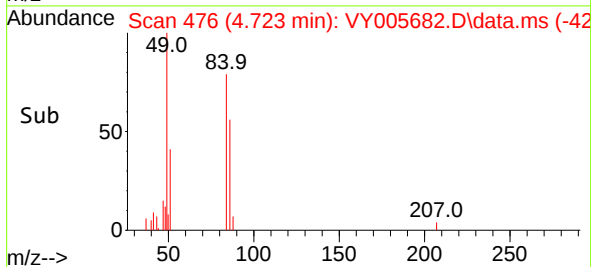
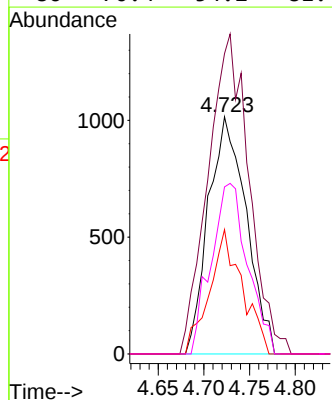
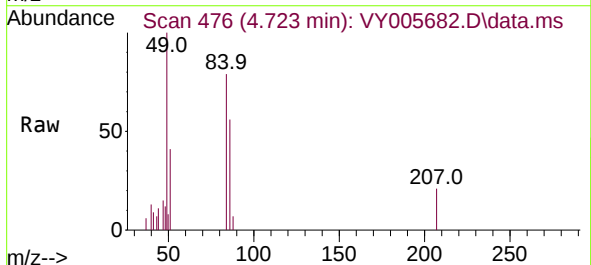
Instrument :
MSVOA_Y
ClientSampled :
WC-3

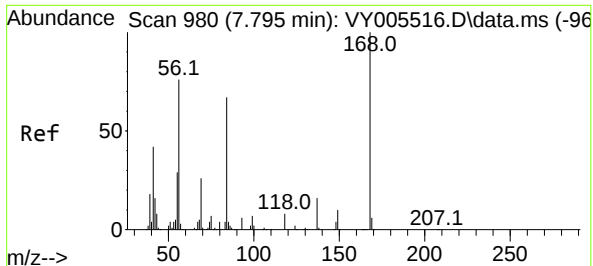
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 13.7 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005682.D
Acq: 16 Aug 2021 19:47

Tgt Ion: 84 Resp: 2931
Ion Ratio Lower Upper
84 100
49 126.7 105.8 158.6
51 52.4 33.4 50.2#
86 70.4 54.2 81.4

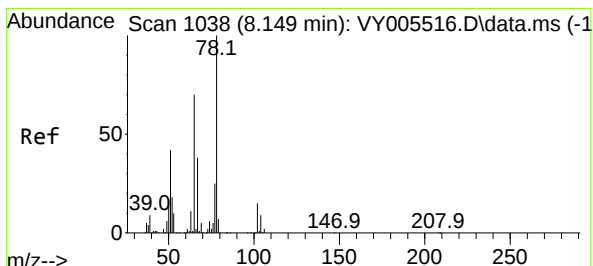
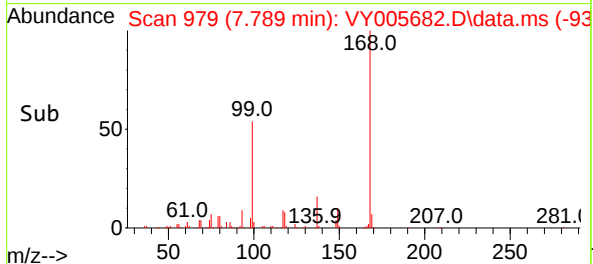
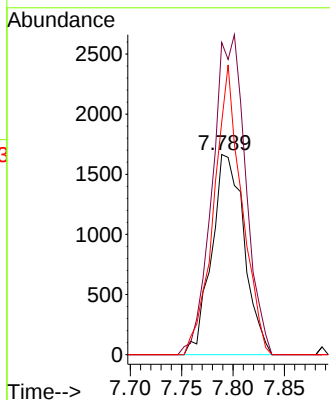
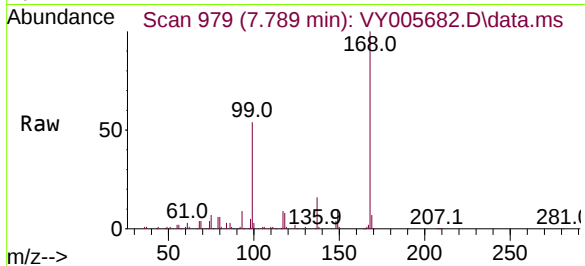




#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005682.D
Acq: 16 Aug 2021 19:47

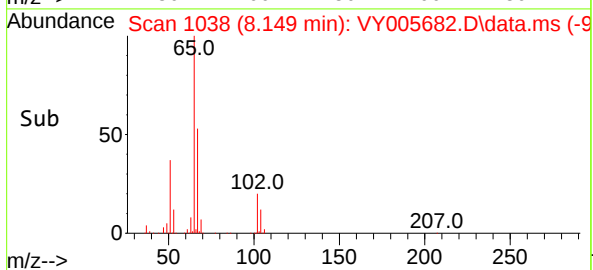
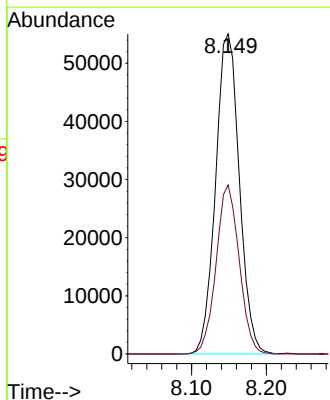
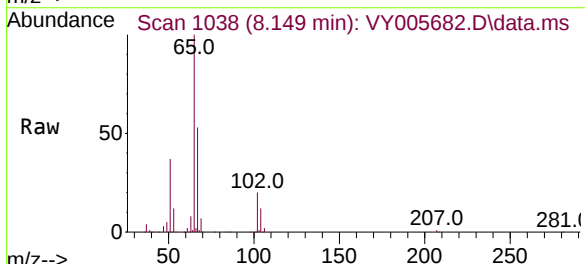
Instrument :
MSVOA_Y
ClientSampled :
WC-3

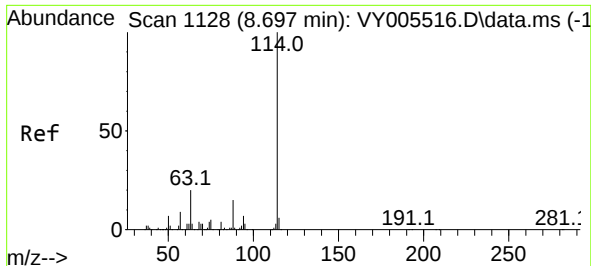
Tgt Ion: 56 Resp: 3655
Ion Ratio Lower Upper
56 100
69 156.0 27.7 41.5#
84 116.2 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 65.591 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005682.D
Acq: 16 Aug 2021 19:47

Tgt Ion: 65 Resp: 121935
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

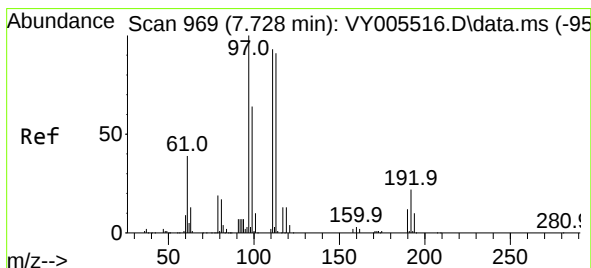
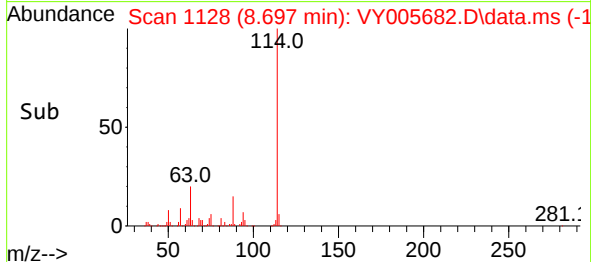
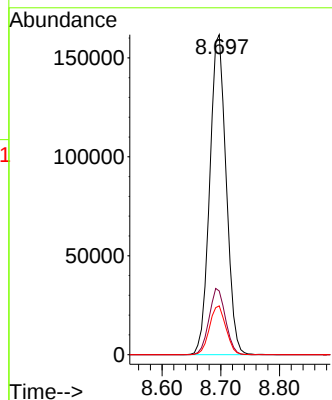
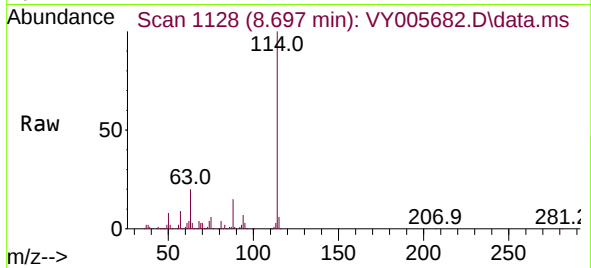




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005682.D
Acq: 16 Aug 2021 19:47

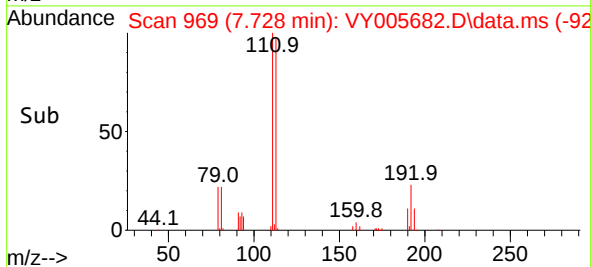
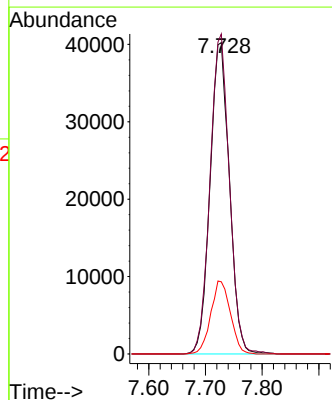
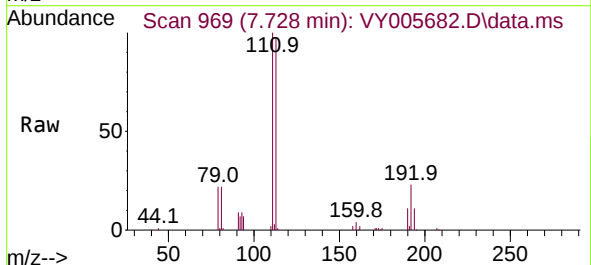
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

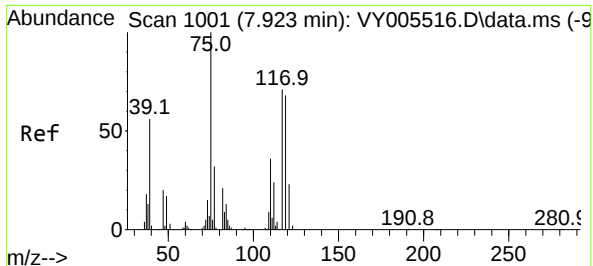
Tgt Ion:	114	Resp:	313966
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	39.2
88	15.3	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.322 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005682.D
Acq: 16 Aug 2021 19:47

Tgt Ion:	113	Resp:	95488
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.9	122.9
192	23.7	19.2	28.8





#36

1,1-Dichloropropene

Concen: 4.437 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005682.D

Acq: 16 Aug 2021 19:47

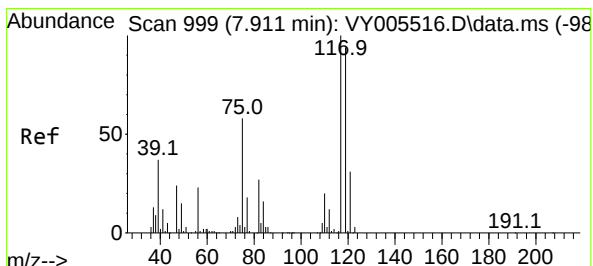
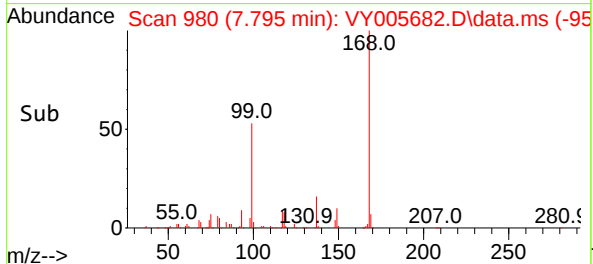
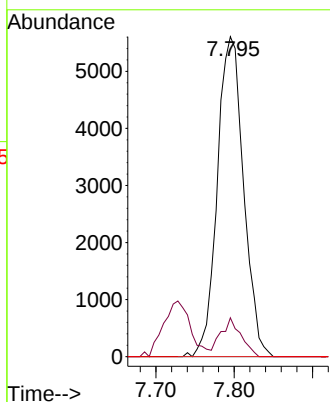
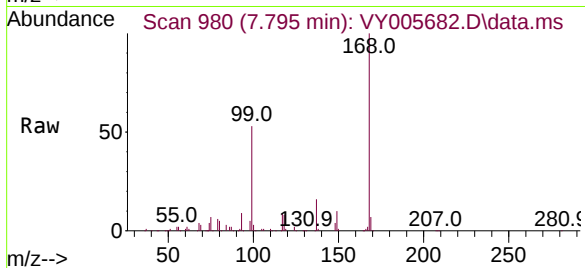
Instrument :

MSVOA_Y

ClientSampled :

WC-3

Tgt Ion:	75	Resp:	13067
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.170 ug/l

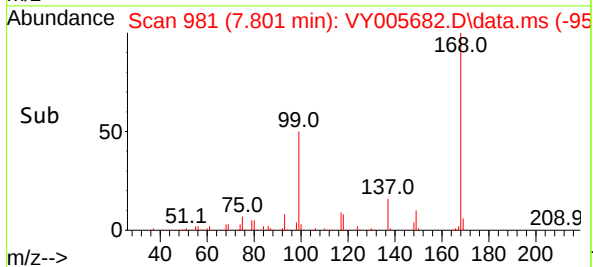
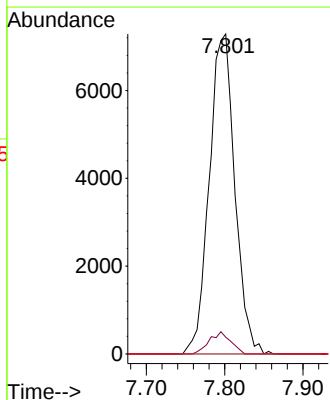
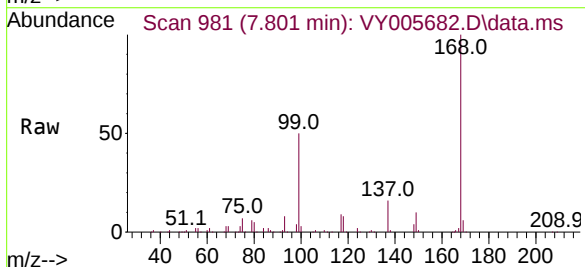
RT: 7.801 min Scan# 981

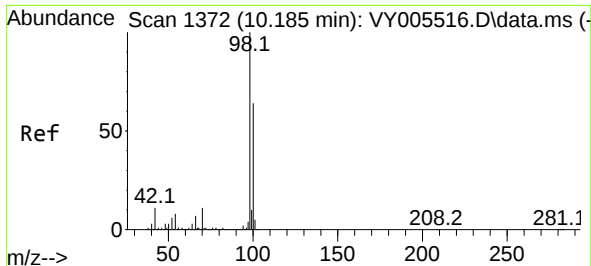
Delta R.T. -0.110 min

Lab File: VY005682.D

Acq: 16 Aug 2021 19:47

Tgt Ion:	117	Resp:	16547
Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.4	113.0#
121	0.0	25.1	37.7#

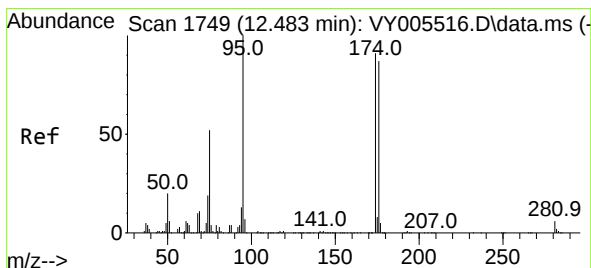
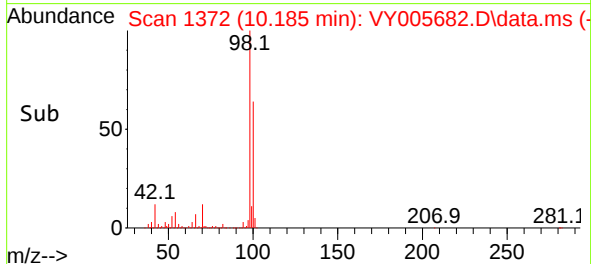
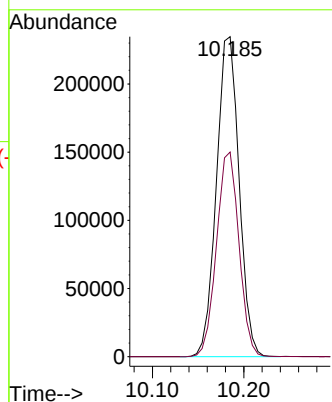
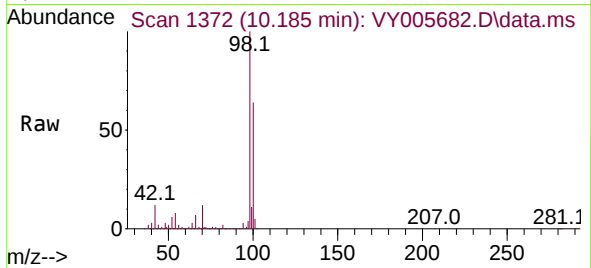




#50
Toluene-d8
Concen: 54.902 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005682.D
Acq: 16 Aug 2021 19:47

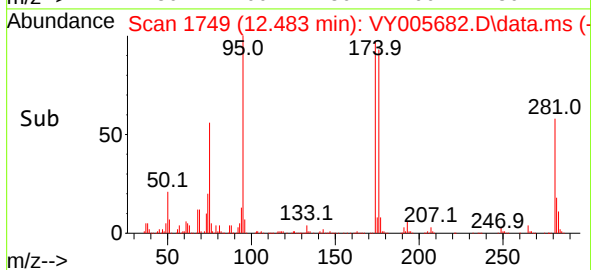
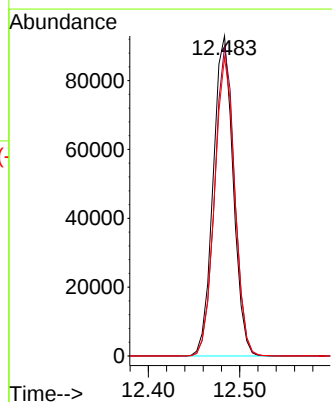
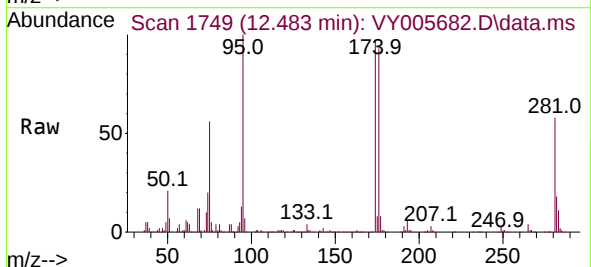
Instrument :
MSVOA_Y
ClientSampled :
WC-3

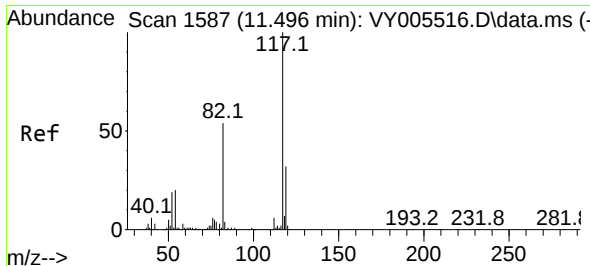
Tgt Ion: 98 Resp: 404750
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 57.937 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005682.D
Acq: 16 Aug 2021 19:47

Tgt Ion: 95 Resp: 141441
Ion Ratio Lower Upper
95 100
174 96.1 0.0 191.4
176 93.9 0.0 183.6

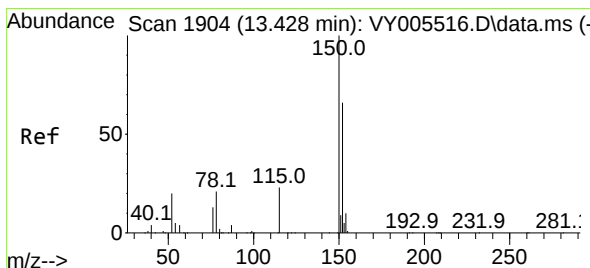
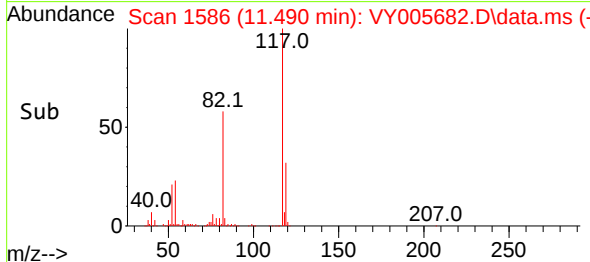
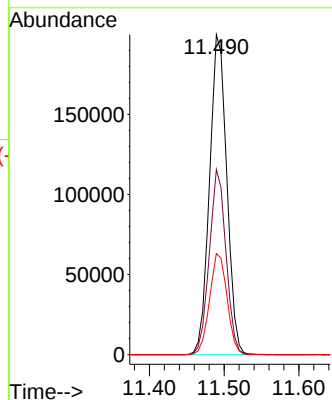
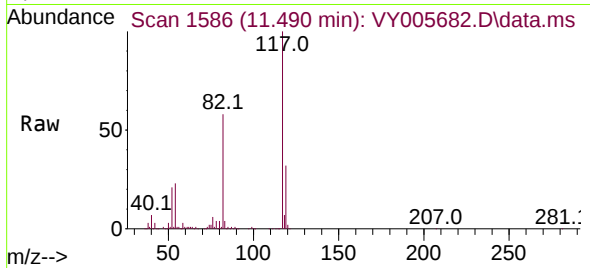




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005682.D
Acq: 16 Aug 2021 19:47

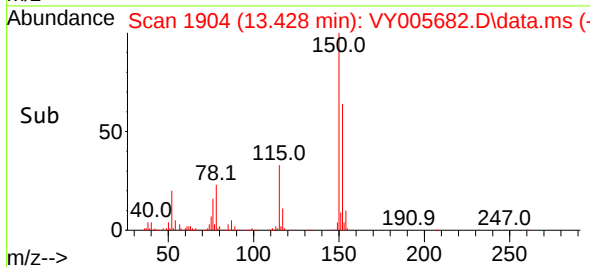
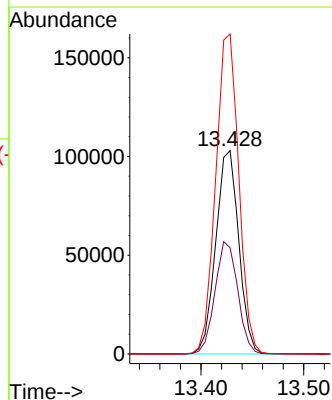
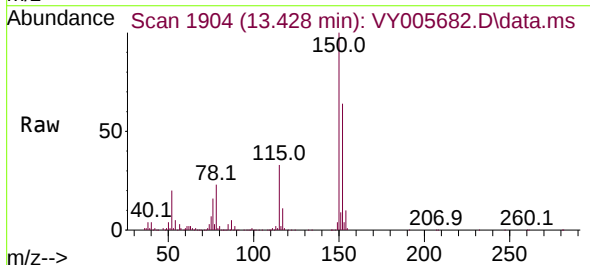
Instrument :
MSVOA_Y
ClientSampled :
WC-3

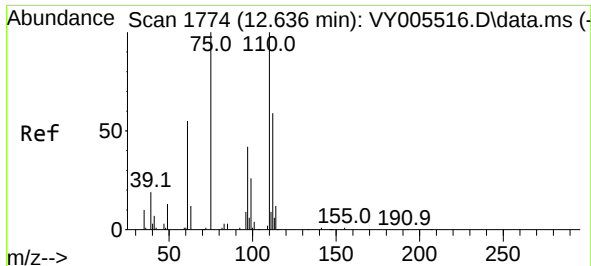
Tgt Ion:117 Resp: 319462
Ion Ratio Lower Upper
117 100
82 57.9 43.5 65.3
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005682.D
Acq: 16 Aug 2021 19:47

Tgt Ion:152 Resp: 159822
Ion Ratio Lower Upper
152 100
115 54.6 27.3 81.9
150 158.0 0.0 350.2

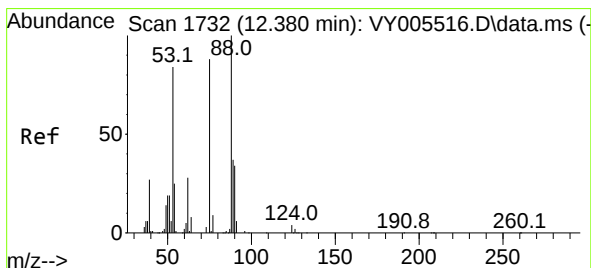
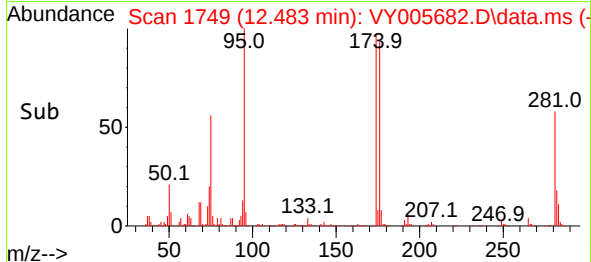
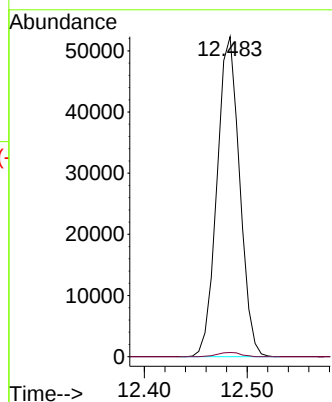
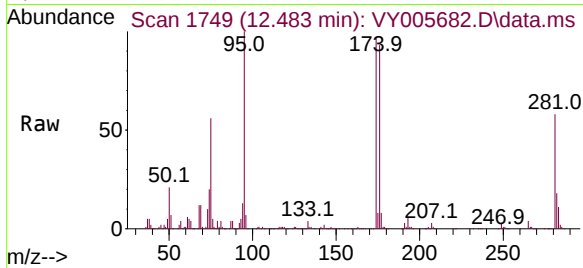




#76
1,2,3-Trichloropropane
Concen: 48.300 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005682.D
Acq: 16 Aug 2021 19:47

Instrument :
MSVOA_Y
ClientSampled :
WC-3

Tgt Ion: 75 Resp: 79996
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.367 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005682.D
Acq: 16 Aug 2021 19:47

Tgt Ion: 75 Resp: 79996
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.6 38.4 57.6#

