

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005590.D
 Acq On : 10 Aug 2021 13:07
 Operator : SY/MD
 Sample : M3335-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:36:46 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)

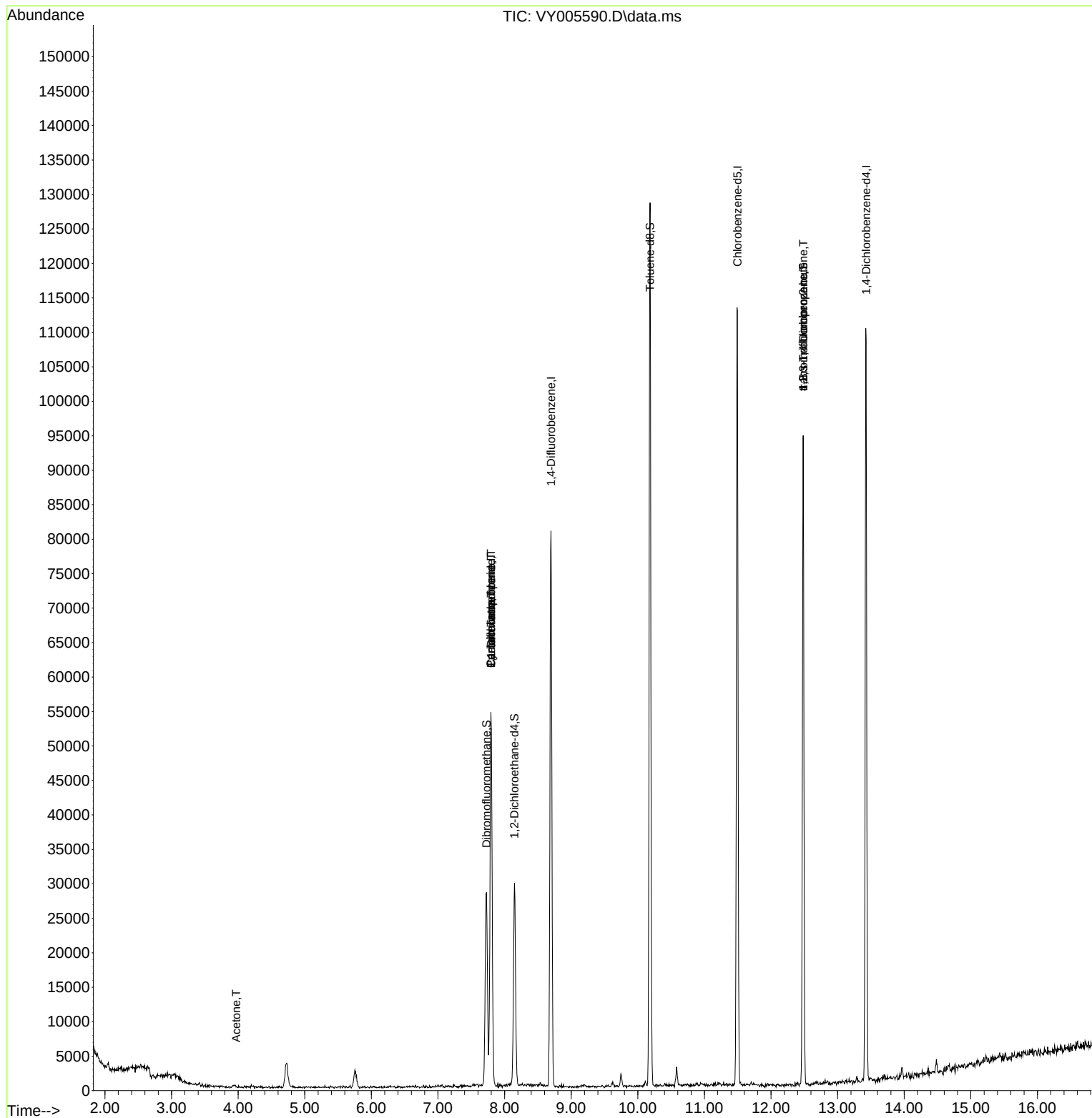
Internal Standards						
1) Pentafluorobenzene	7.795	168	43715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	68907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	62617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	23534	53.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.36%
35) Dibromofluoromethane	7.728	113	19319	50.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.16%
50) Toluene-d8	10.185	98	83984	51.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.82%
62) 4-Bromofluorobenzene	12.483	95	26166	48.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.68%
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	536	4.80	ug/l #	45
31) Cyclohexane	7.795	56	795	1.05	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	3307	5.12	ug/l #	47
38) Carbon Tetrachloride	7.795	117	4345	6.19	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	14005	47.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14005	95.51	ug/l #	11

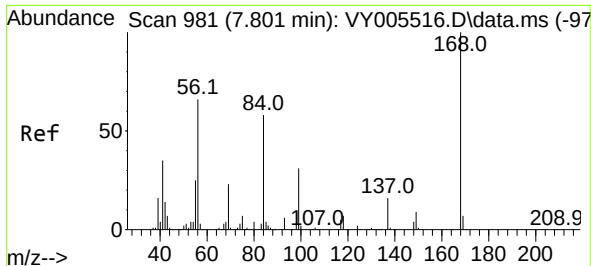
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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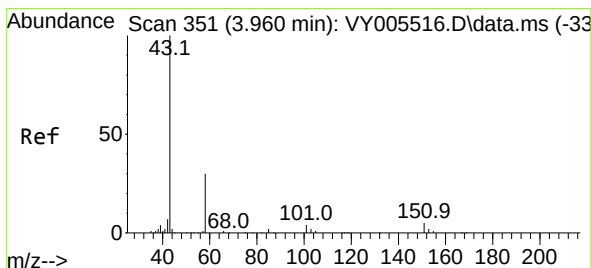
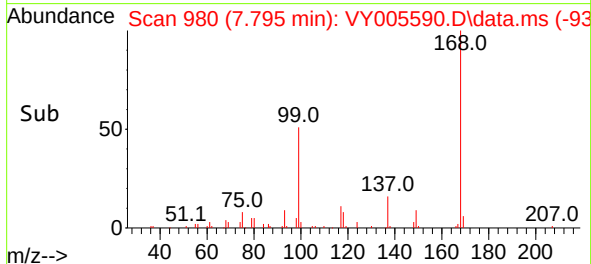
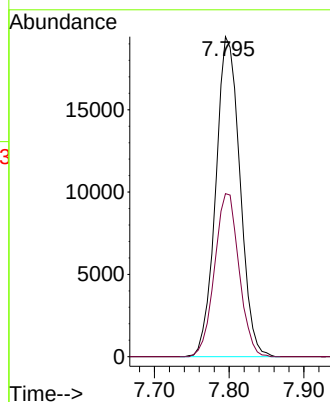
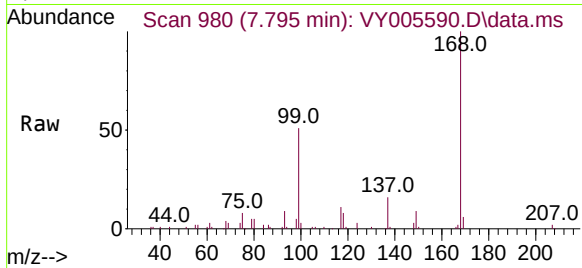




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

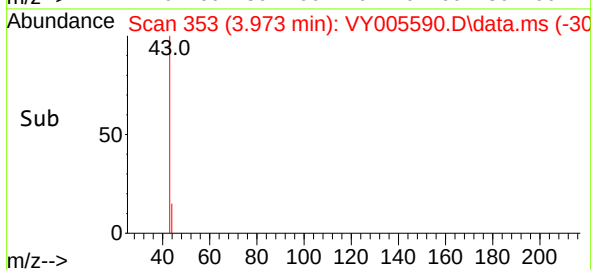
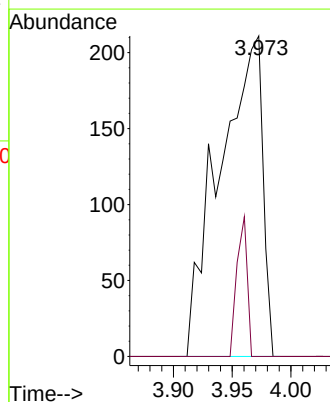
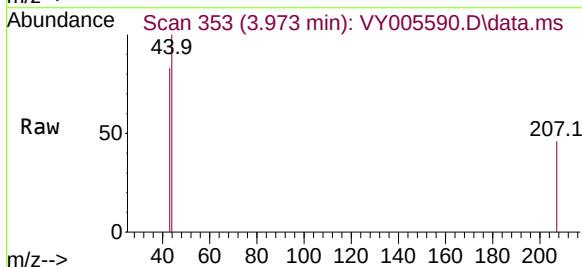
Instrument :
MSVOA_Y
ClientSampleId :

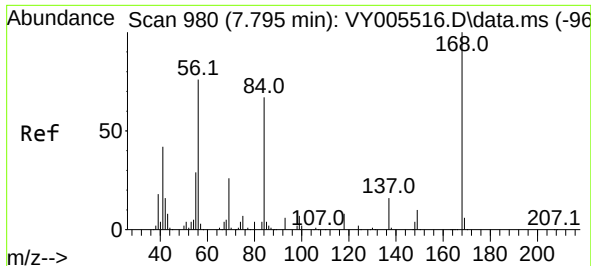
Tgt Ion:168 Resp: 43715
Ion Ratio Lower Upper
168 100
99 50.9 38.9 58.3



#16
Acetone
Concen: 4.80 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

Tgt Ion: 43 Resp: 536
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

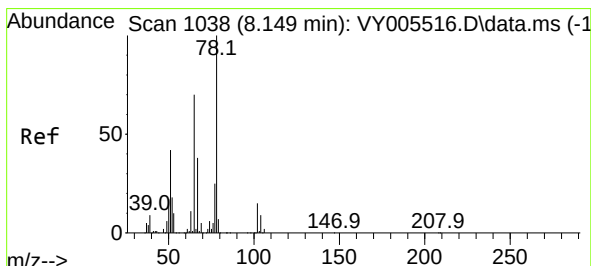
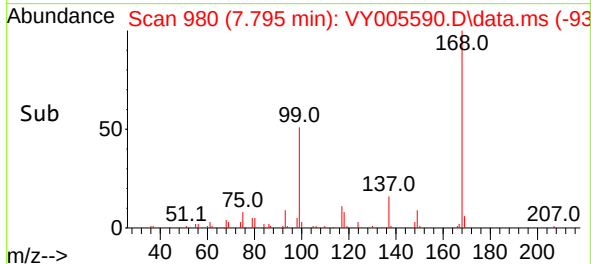
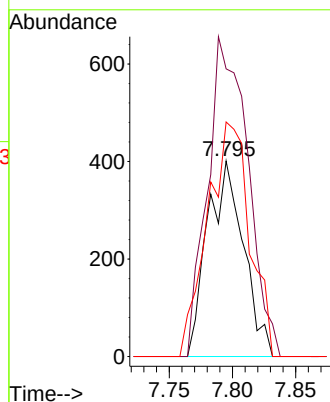
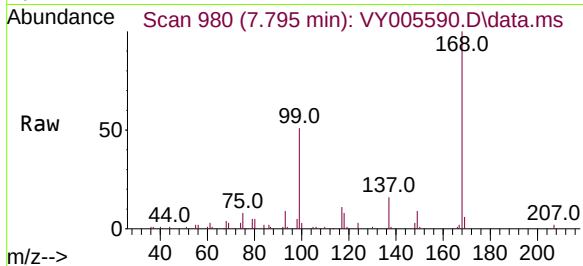




#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

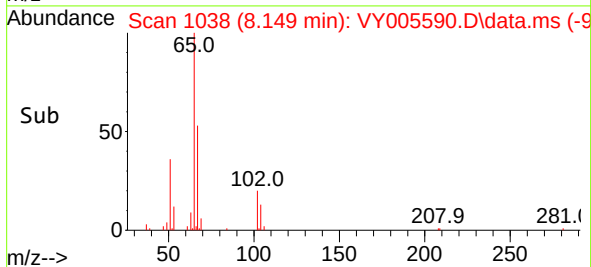
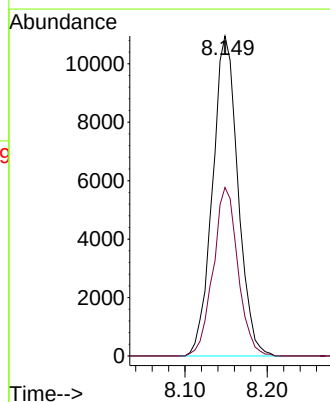
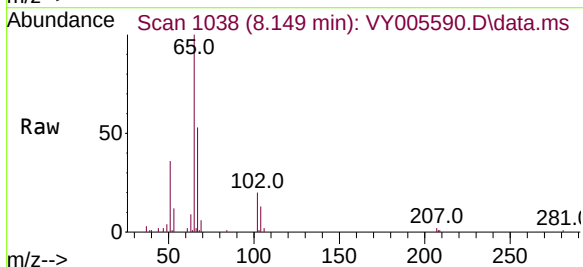
Instrument :
MSVOA_Y
ClientSampleId :

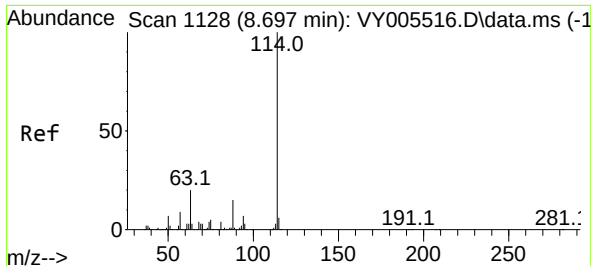
Tgt Ion: 56 Resp: 795
Ion Ratio Lower Upper
56 100
69 147.1 27.7 41.5#
84 120.0 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 53.18 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

Tgt Ion: 65 Resp: 23534
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4

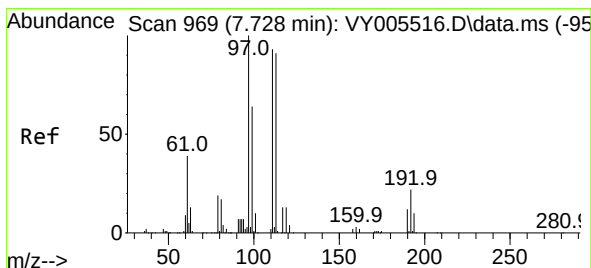
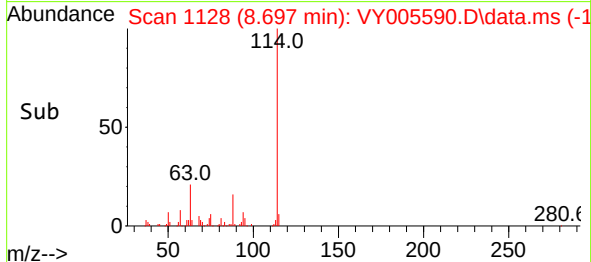
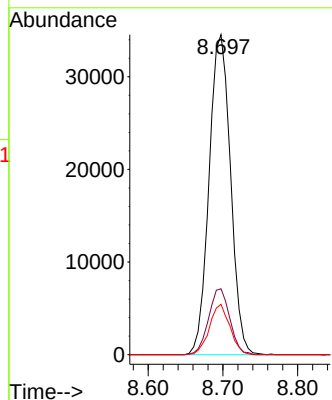
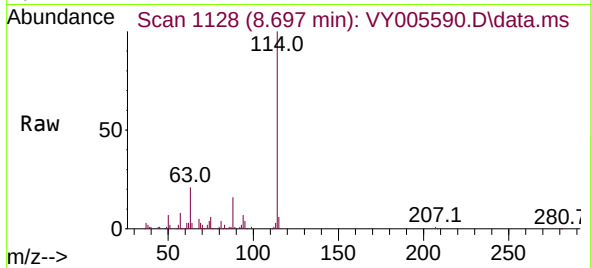




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

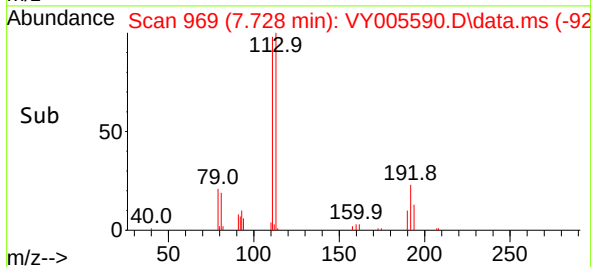
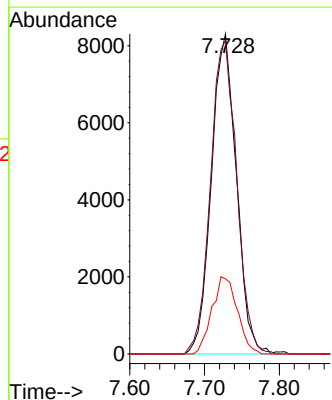
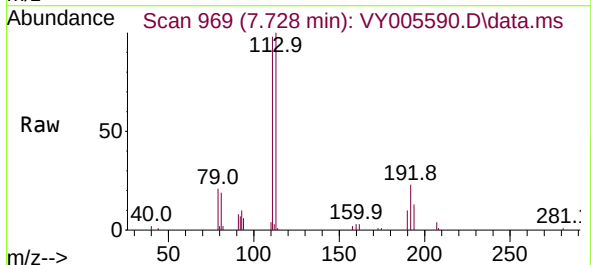
Instrument :
MSVOA_Y
ClientSampleId :

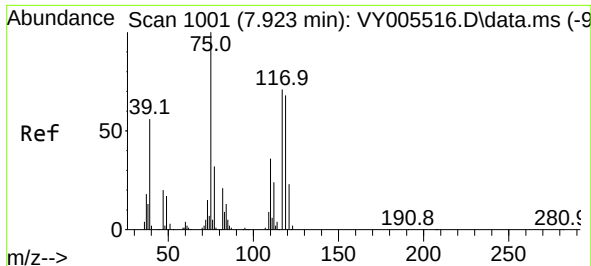
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.2
88	15.8	0.0	30.8



#35
Dibromofluoromethane
Concen: 50.08 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	24.5	19.2	28.8





#36

1,1-Dichloropropene

Concen: 5.12 ug/l

RT: 7.795 min Scan# 980

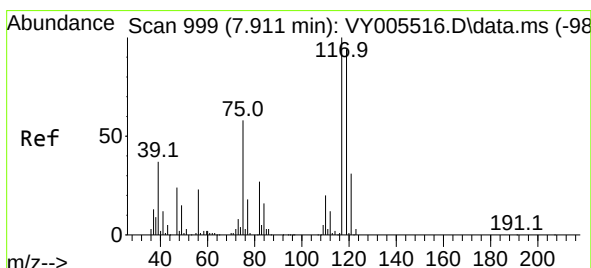
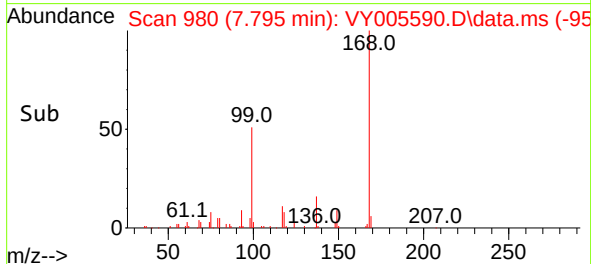
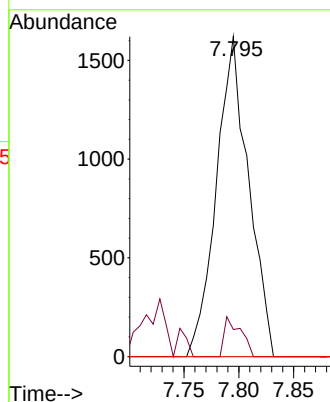
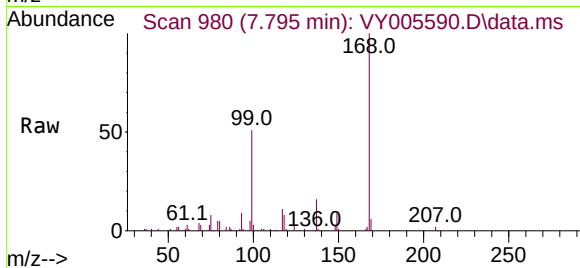
Delta R.T. -0.128 min

Lab File: VY005590.D

Acq: 10 Aug 2021 13:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	75	Resp:	3307
Ion	Ratio	Lower	Upper
75	100		
110	6.4	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.19 ug/l

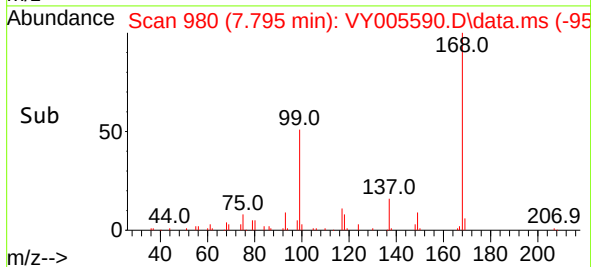
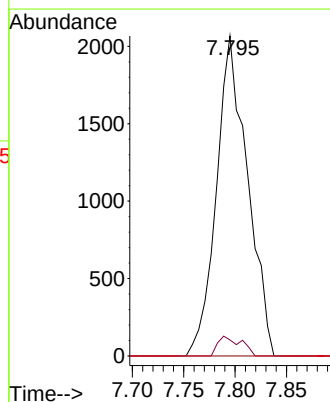
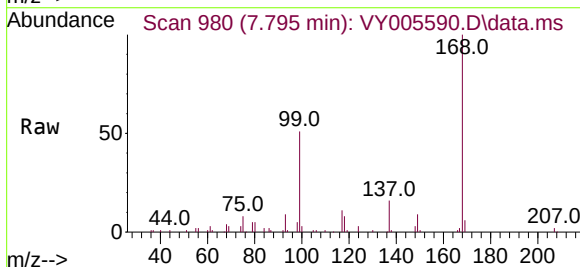
RT: 7.795 min Scan# 980

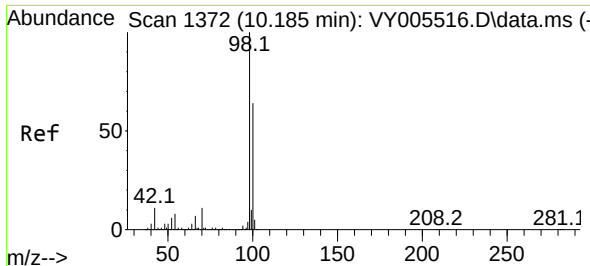
Delta R.T. -0.116 min

Lab File: VY005590.D

Acq: 10 Aug 2021 13:07

Tgt Ion:	117	Resp:	4345
Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.4	113.0#
121	0.0	25.1	37.7#

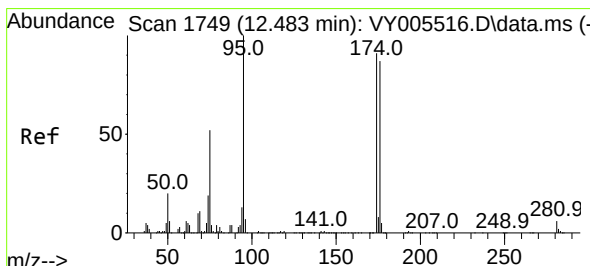
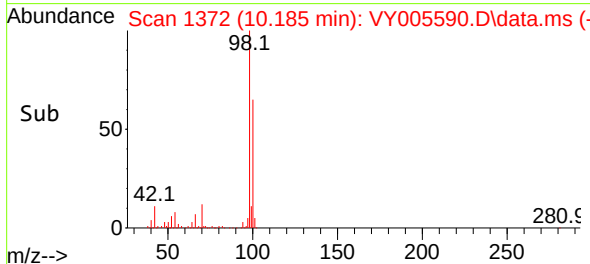
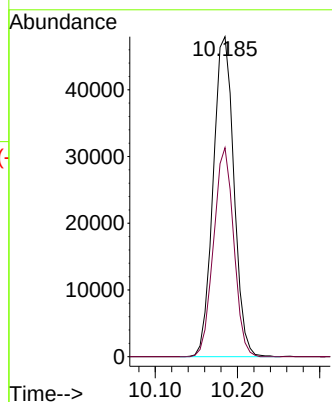
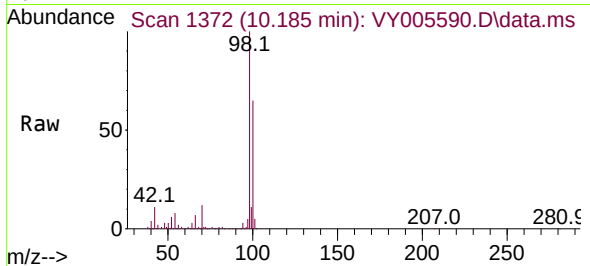




#50
Toluene-d8
Concen: 51.91 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

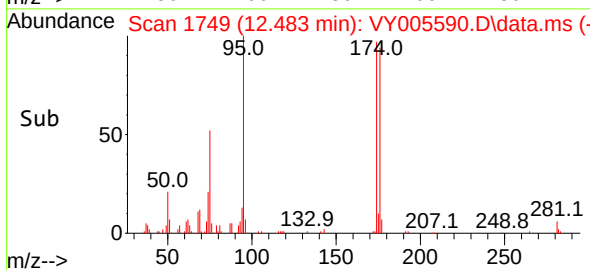
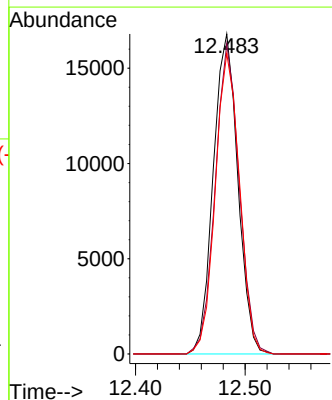
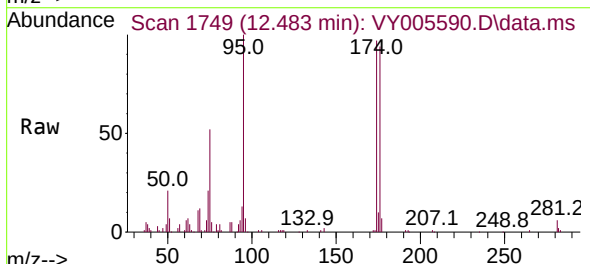
Instrument :
MSVOA_Y
ClientSampled :

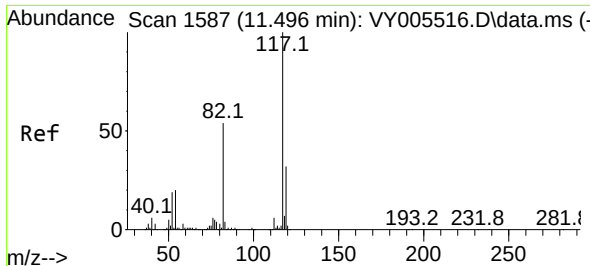
Tgt Ion: 98 Resp: 83984
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 48.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

Tgt Ion: 95 Resp: 26166
Ion Ratio Lower Upper
95 100
174 95.0 0.0 191.4
176 92.5 0.0 183.6

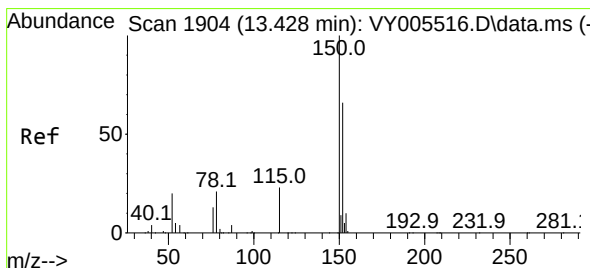
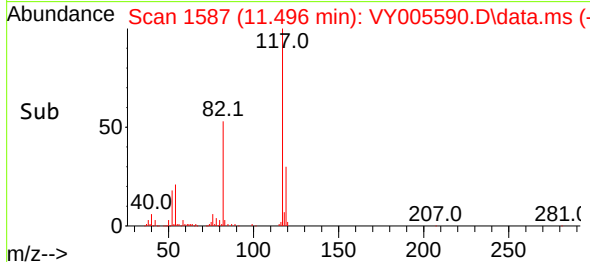
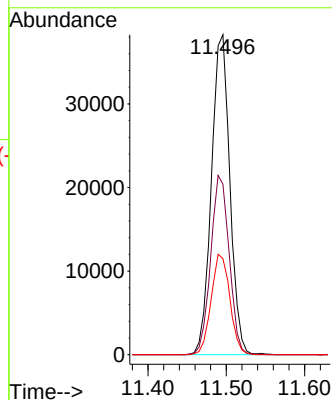
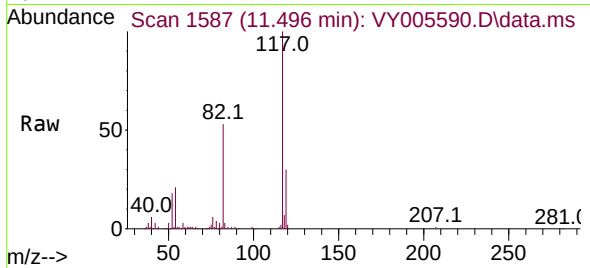




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

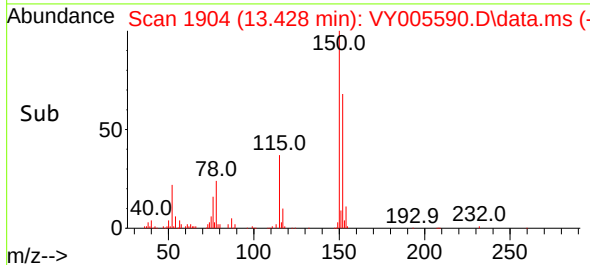
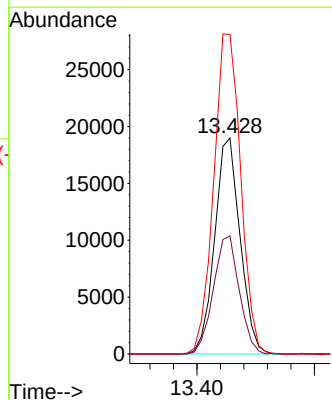
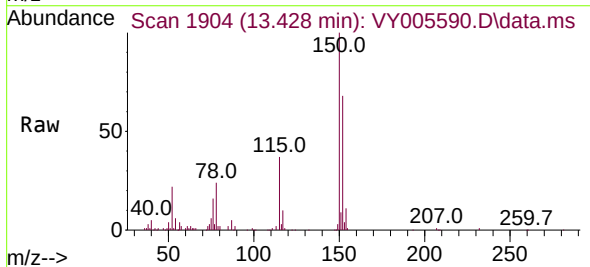
Instrument :
MSVOA_Y
ClientSampleId :

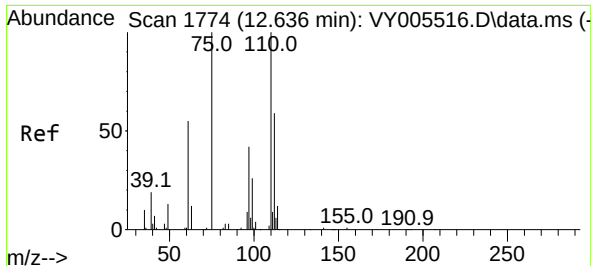
Tgt Ion:	117	Resp:	62617
Ion Ratio	Lower	Upper	
117	100		
82	53.3	43.5	65.3
119	30.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

Tgt Ion:	152	Resp:	28525
Ion Ratio	Lower	Upper	
152	100		
115	55.6	27.3	81.9
150	157.2	0.0	350.2

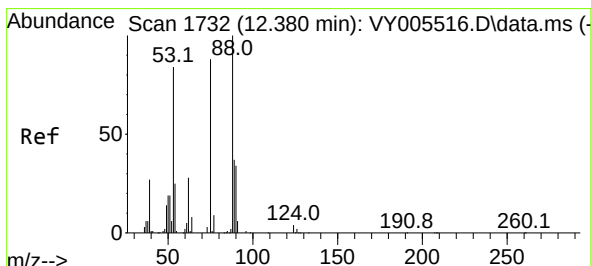
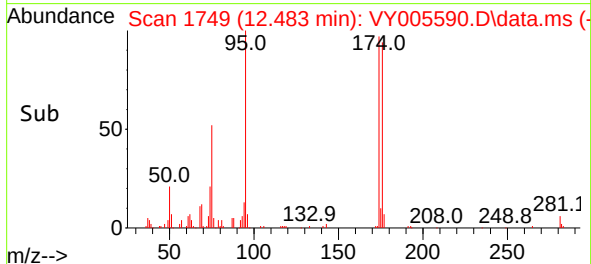
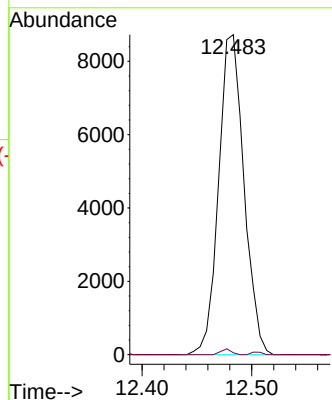
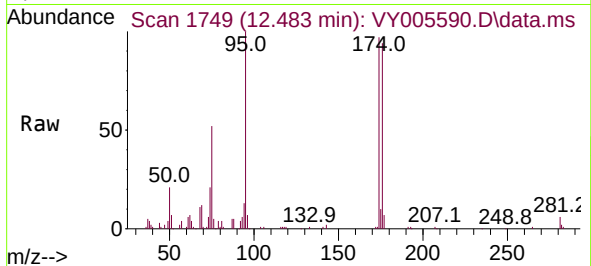




#76
1,2,3-Trichloropropane
Concen: 47.38 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 14005
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.51 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

Tgt Ion: 75 Resp: 14005
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

