

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005751.D
 Acq On : 18 Aug 2021 19:37
 Operator : SY/MD
 Sample : M3414-07
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-5A

Quant Time: Aug 19 05:19:17 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)

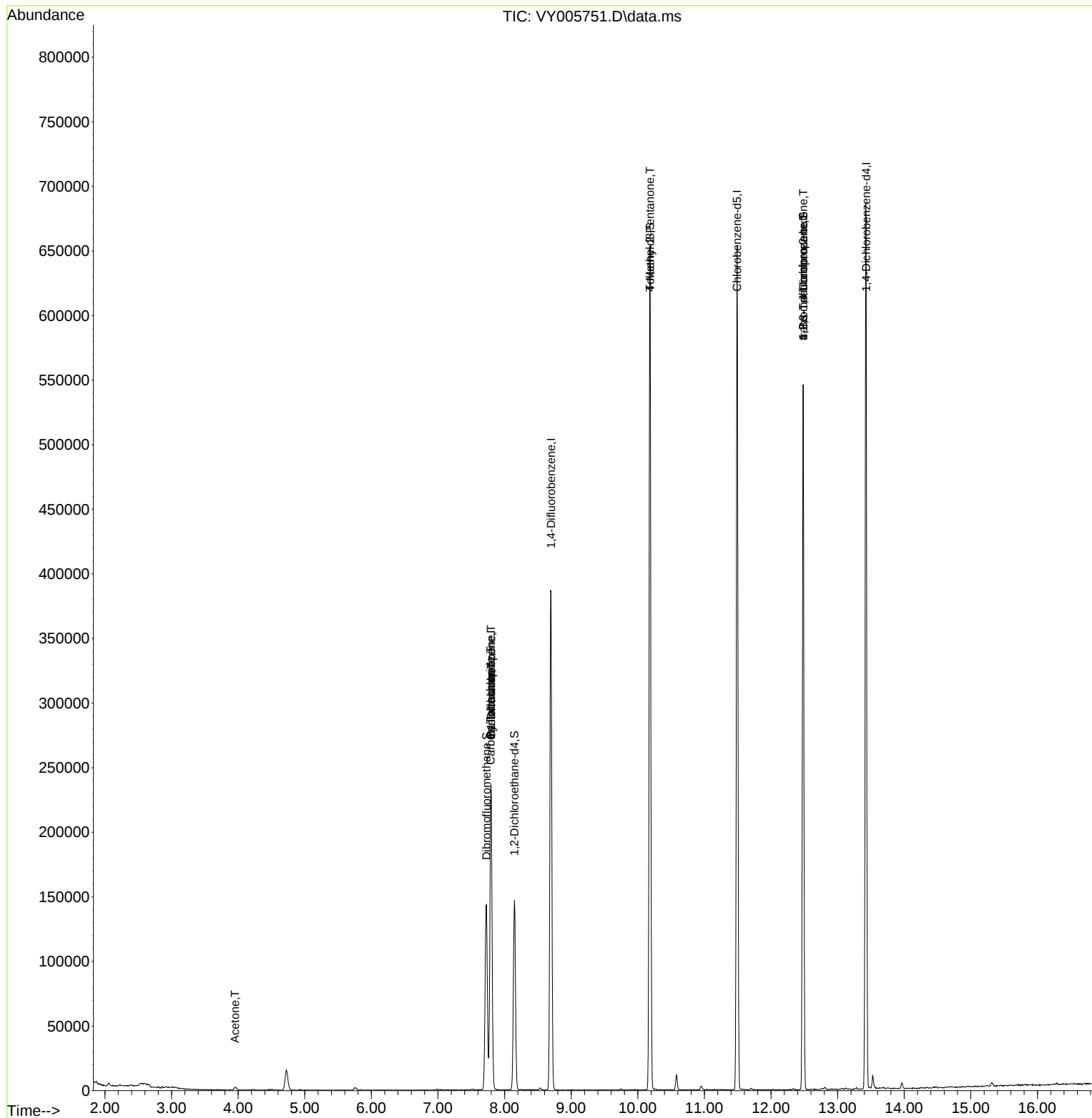
Internal Standards						
1) Pentafluorobenzene	7.795	168	192117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	327906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	340878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120450	61.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.880%
35) Dibromofluoromethane	7.728	113	98674	53.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.500%
50) Toluene-d8	10.185	98	423861	55.050	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.100%
62) 4-Bromofluorobenzene	12.483	95	150169	58.897	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.800%
Target Compounds						Qvalue
16) Acetone	3.954	43	4013	8.185	ug/l	96
20) Methylene Chloride	4.729	84	11215	Below Cal		90
31) Cyclohexane	7.795	56	3829	1.148	ug/l #	22
36) 1,1-Dichloropropene	7.795	75	13595	4.420	ug/l #	50
38) Carbon Tetrachloride	7.789	117	17267	5.166	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	1881	1.013	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	83267	44.885	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83267	90.482	ug/l #	11

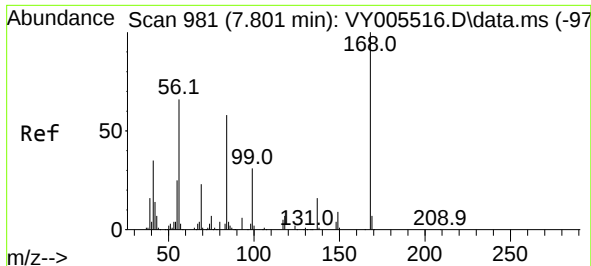
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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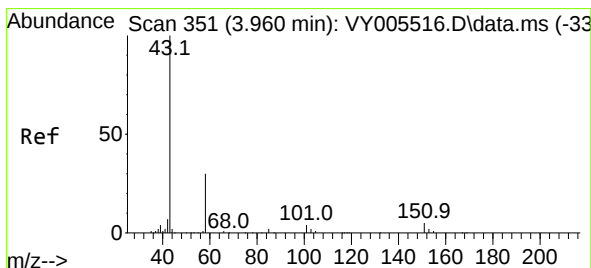
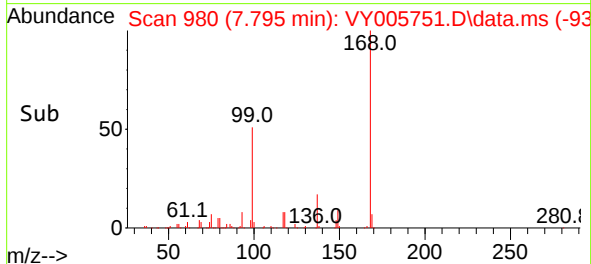
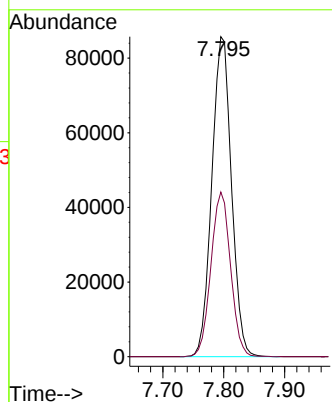
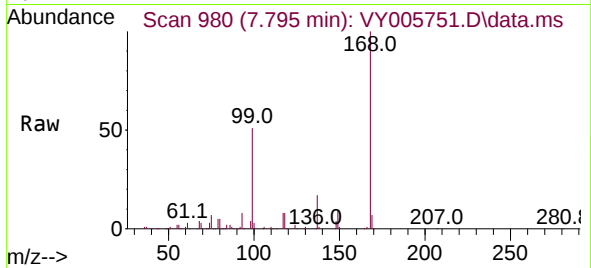




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005751.D
Acq: 18 Aug 2021 19:37

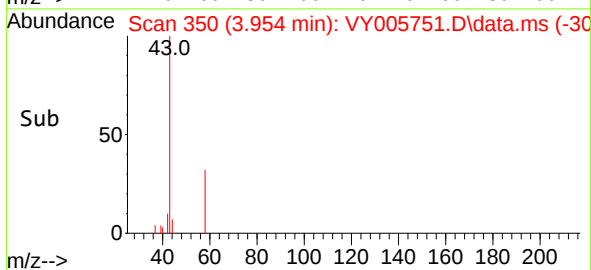
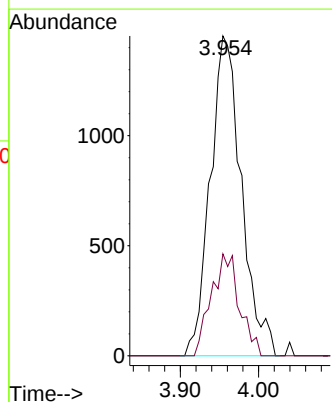
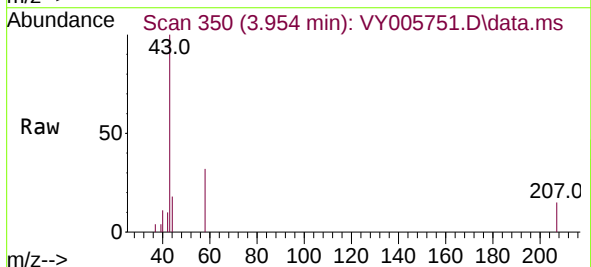
Instrument :
MSVOA_Y
ClientSampleId :
B-5A

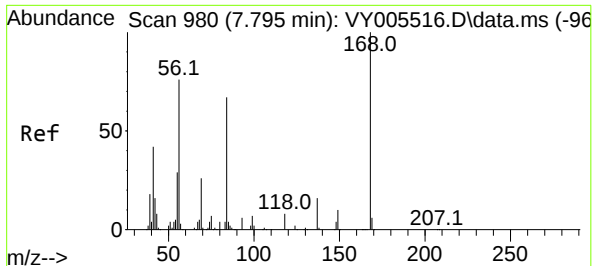
Tgt Ion:168 Resp: 192117
Ion Ratio Lower Upper
168 100
99 51.4 38.9 58.3



#16
Acetone
Concen: 8.185 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005751.D
Acq: 18 Aug 2021 19:37

Tgt Ion: 43 Resp: 4013
Ion Ratio Lower Upper
43 100
58 31.9 23.8 35.6

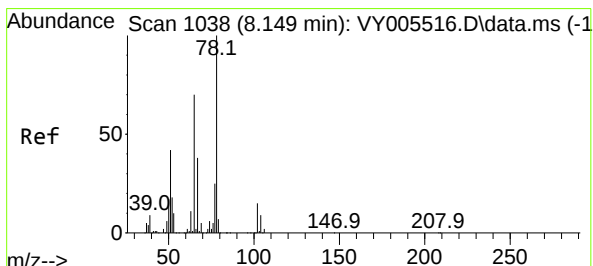
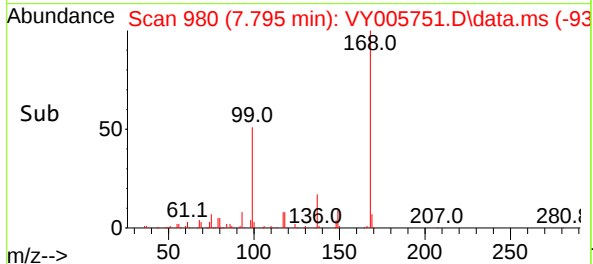
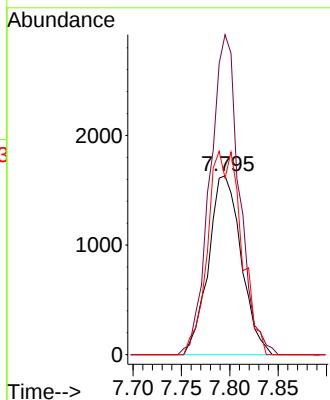
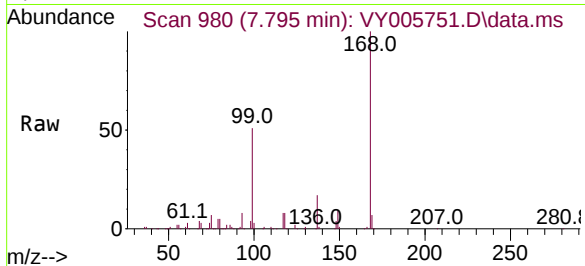




#31
Cyclohexane
Concen: 1.148 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005751.D
Acq: 18 Aug 2021 19:37

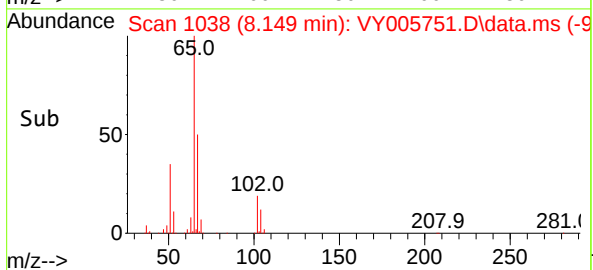
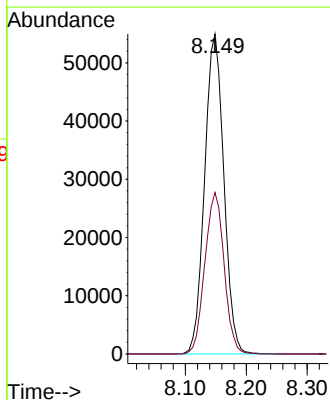
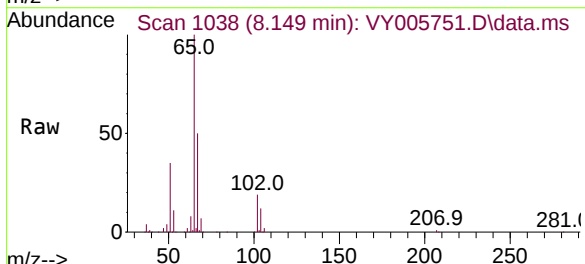
Instrument :
MSVOA_Y
ClientSampleId :
B-5A

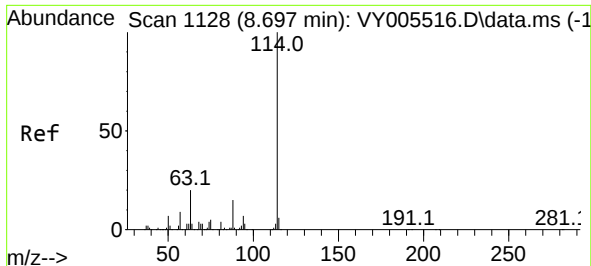
Tgt Ion: 56 Resp: 3829
Ion Ratio Lower Upper
56 100
69 178.9 27.7 41.5#
84 98.7 70.9 106.3



#33
1,2-Dichloroethane-d4
Concen: 61.937 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005751.D
Acq: 18 Aug 2021 19:37

Tgt Ion: 65 Resp: 120450
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.4

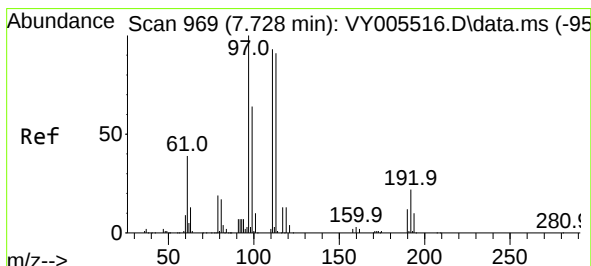
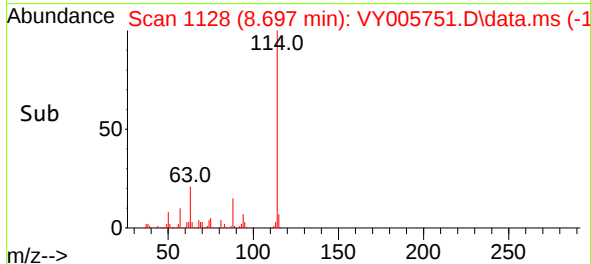
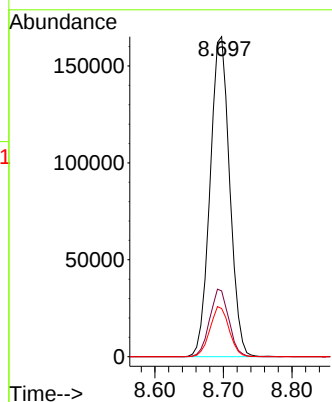
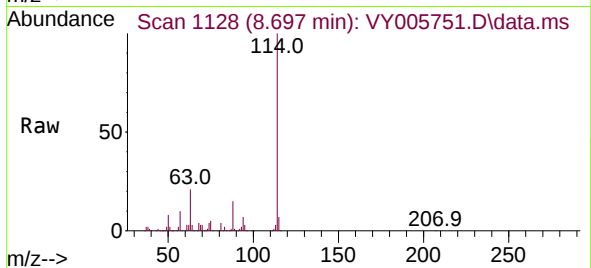




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005751.D
Acq: 18 Aug 2021 19:37

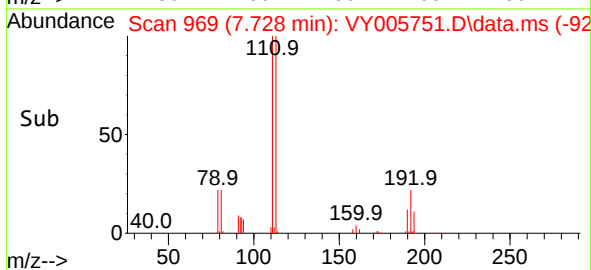
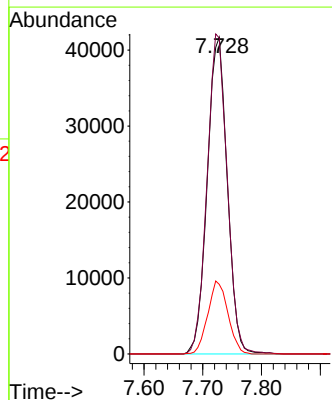
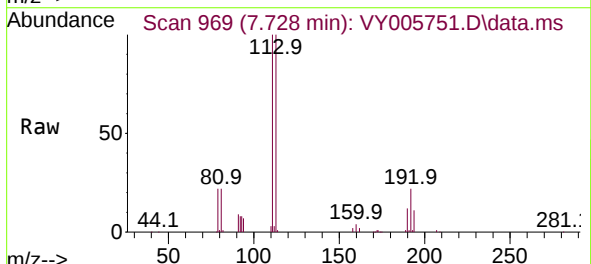
Instrument :
MSVOA_Y
ClientSampled :
B-5A

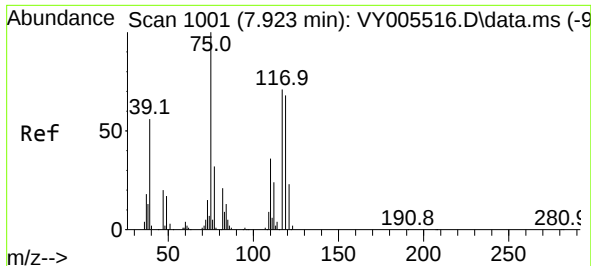
Tgt Ion:114 Resp: 327906
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.2
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.748 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005751.D
Acq: 18 Aug 2021 19:37

Tgt Ion:113 Resp: 98674
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 23.2 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.420 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005751.D

Acq: 18 Aug 2021 19:37

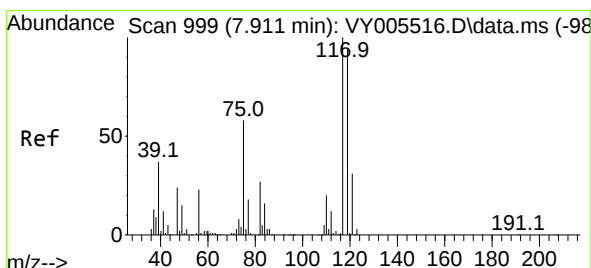
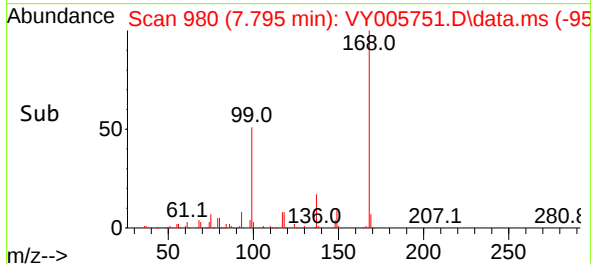
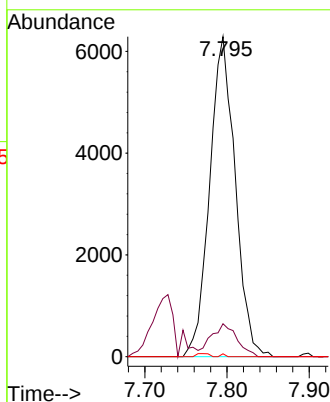
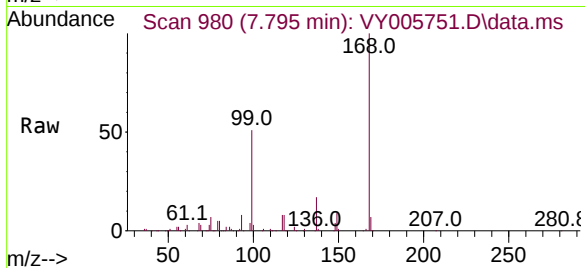
Instrument :

MSVOA_Y

ClientSampleId :

B-5A

Tgt Ion:	75	Resp:	13595
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.1#
77	0.2	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.166 ug/l

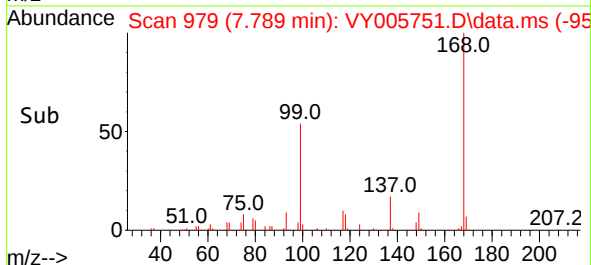
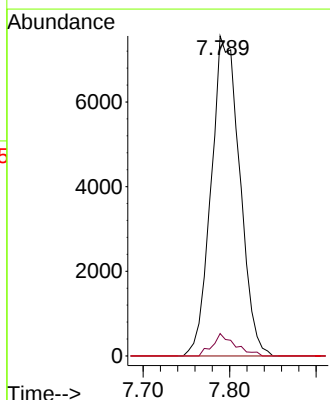
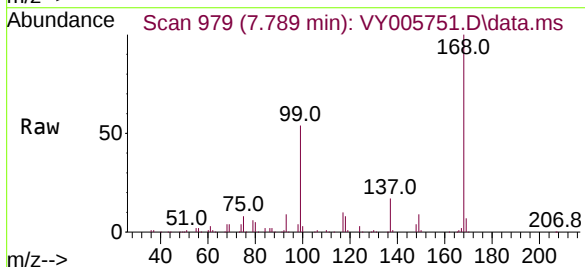
RT: 7.789 min Scan# 979

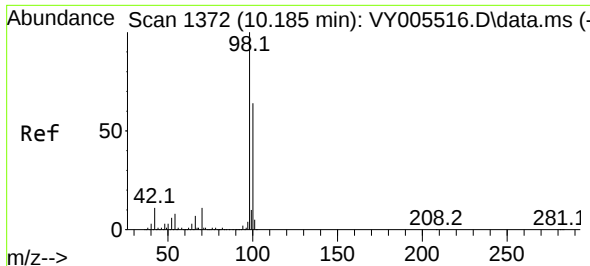
Delta R.T. -0.122 min

Lab File: VY005751.D

Acq: 18 Aug 2021 19:37

Tgt Ion:	117	Resp:	17267
Ion	Ratio	Lower	Upper
117	100		
119	7.0	75.4	113.0#
121	0.0	25.1	37.7#

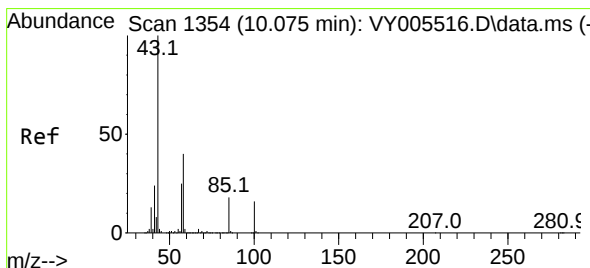
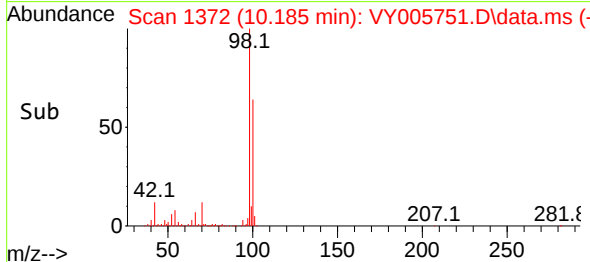
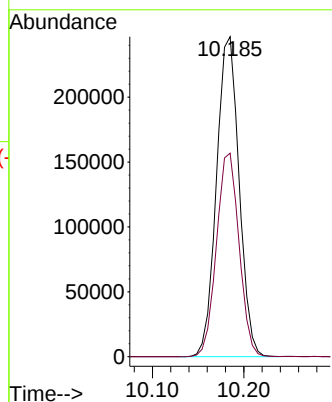
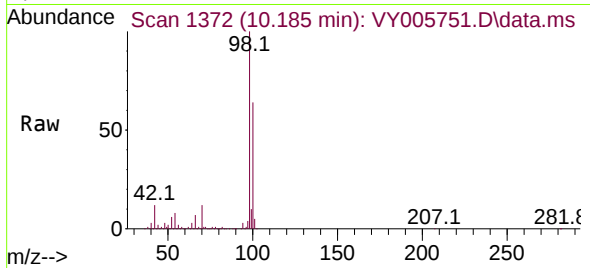




#50
Toluene-d8
Concen: 55.050 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005751.D
Acq: 18 Aug 2021 19:37

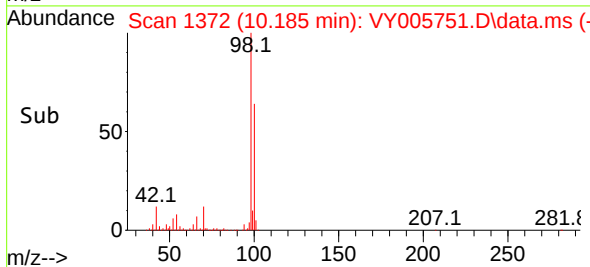
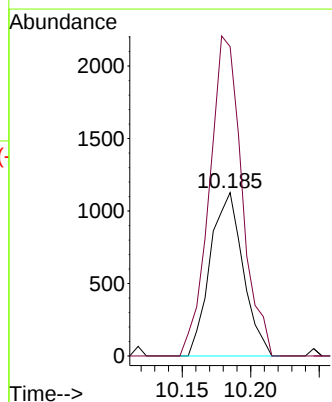
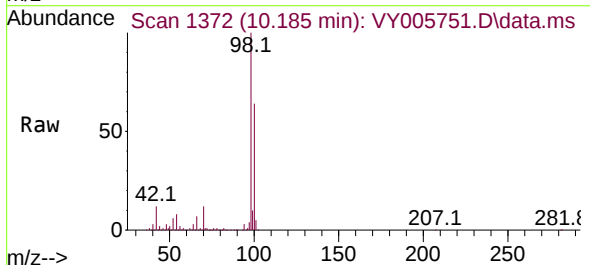
Instrument :
MSVOA_Y
ClientSampleId :
B-5A

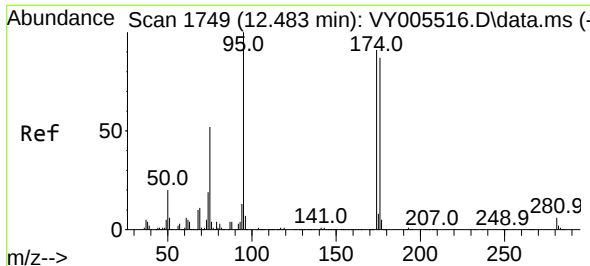
Tgt Ion: 98 Resp: 423861
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.013 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005751.D
Acq: 18 Aug 2021 19:37

Tgt Ion: 43 Resp: 1881
Ion Ratio Lower Upper
43 100
58 193.9 31.4 47.2#

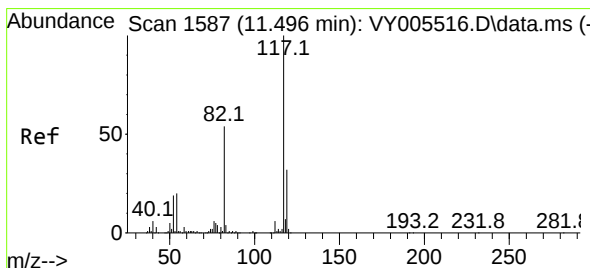
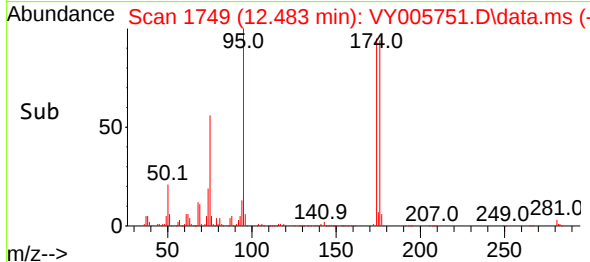
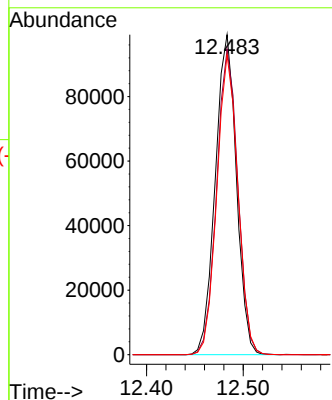
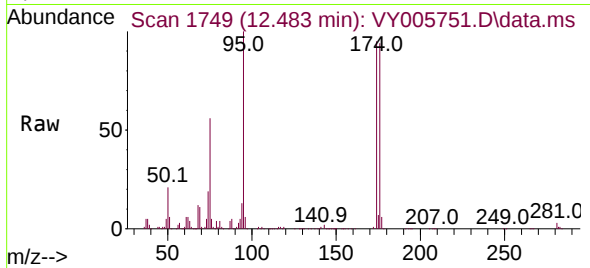




#62
4-Bromofluorobenzene
Concen: 58.897 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005751.D
Acq: 18 Aug 2021 19:37

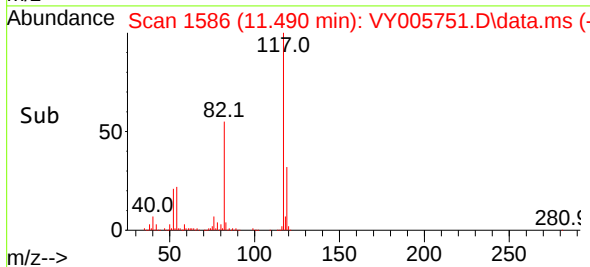
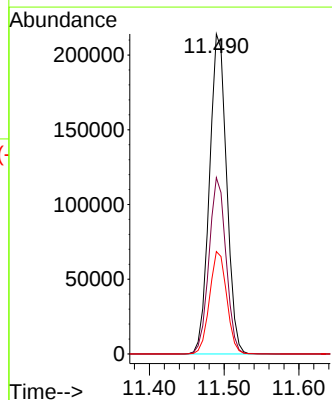
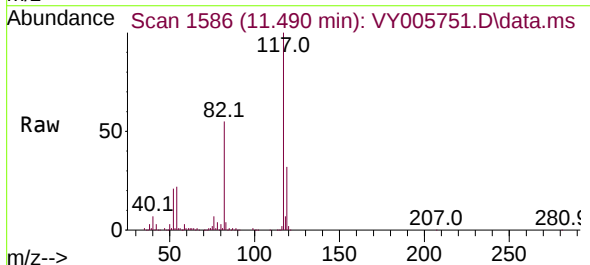
Instrument :
MSVOA_Y
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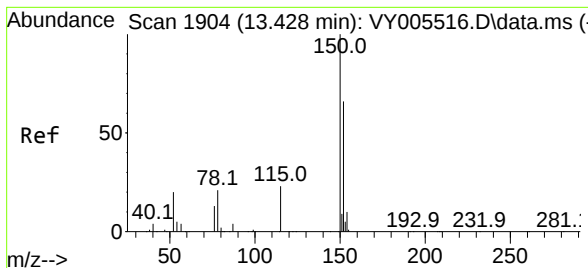
Tgt Ion:	95	Resp:	150169
Ion Ratio	Lower	Upper	
95	100		
174	95.7	0.0	191.4
176	92.9	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005751.D
Acq: 18 Aug 2021 19:37

Tgt Ion:	117	Resp:	340878
Ion Ratio	Lower	Upper	
117	100		
82	55.1	43.5	65.3
119	32.0	25.5	38.3

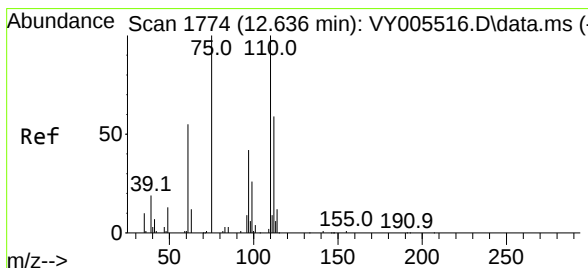
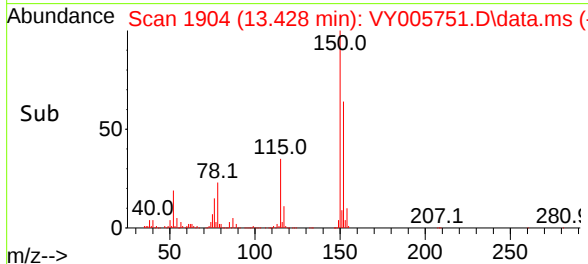
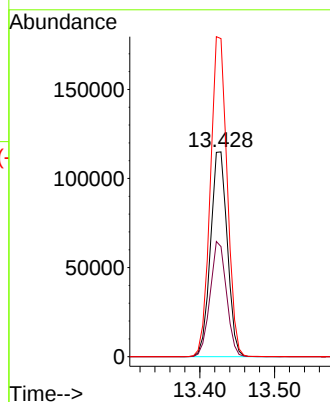
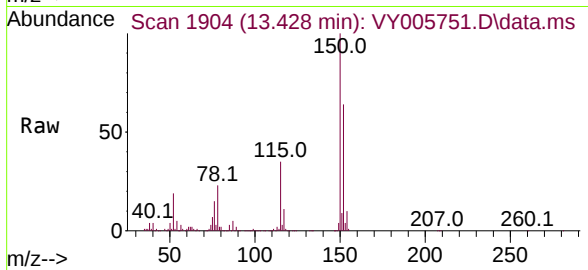




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005751.D
 Acq: 18 Aug 2021 19:37

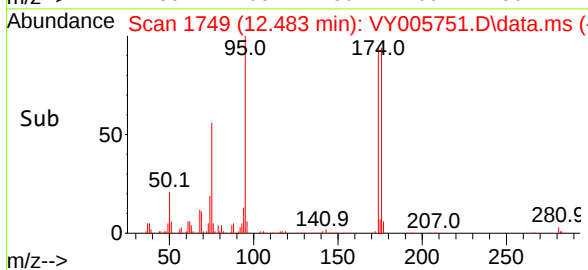
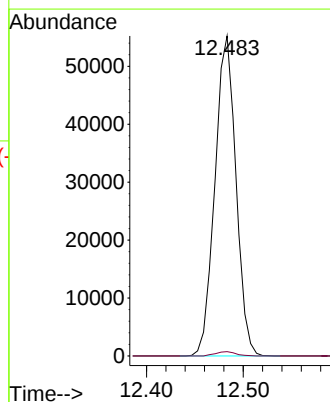
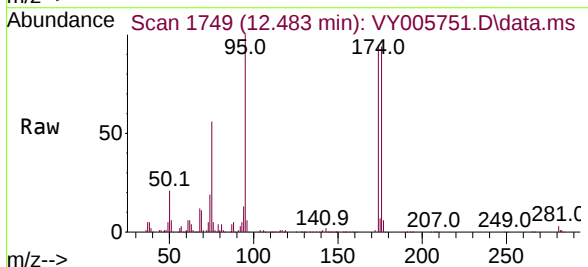
Instrument :
 MSVOA_Y
 ClientSampled :
 B-5A

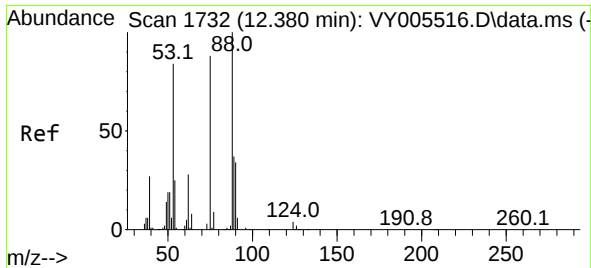
Tgt Ion:152 Resp: 179016
 Ion Ratio Lower Upper
 152 100
 115 54.7 27.3 81.9
 150 156.1 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 44.885 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005751.D
 Acq: 18 Aug 2021 19:37

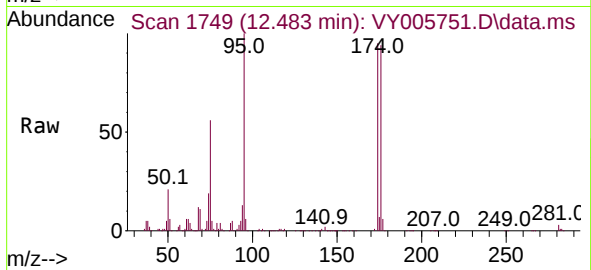
Tgt Ion: 75 Resp: 83267
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.482 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005751.D
 Acq: 18 Aug 2021 19:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-5A



Tgt Ion:	75	Resp:	83267
Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.7	115.1#
89	0.1	38.4	57.6#

