

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091021\
 Data File : VY005995.D
 Acq On : 10 Sep 2021 19:59
 Operator : SY/MD
 Sample : M3687-20
 Misc : 6.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:24:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

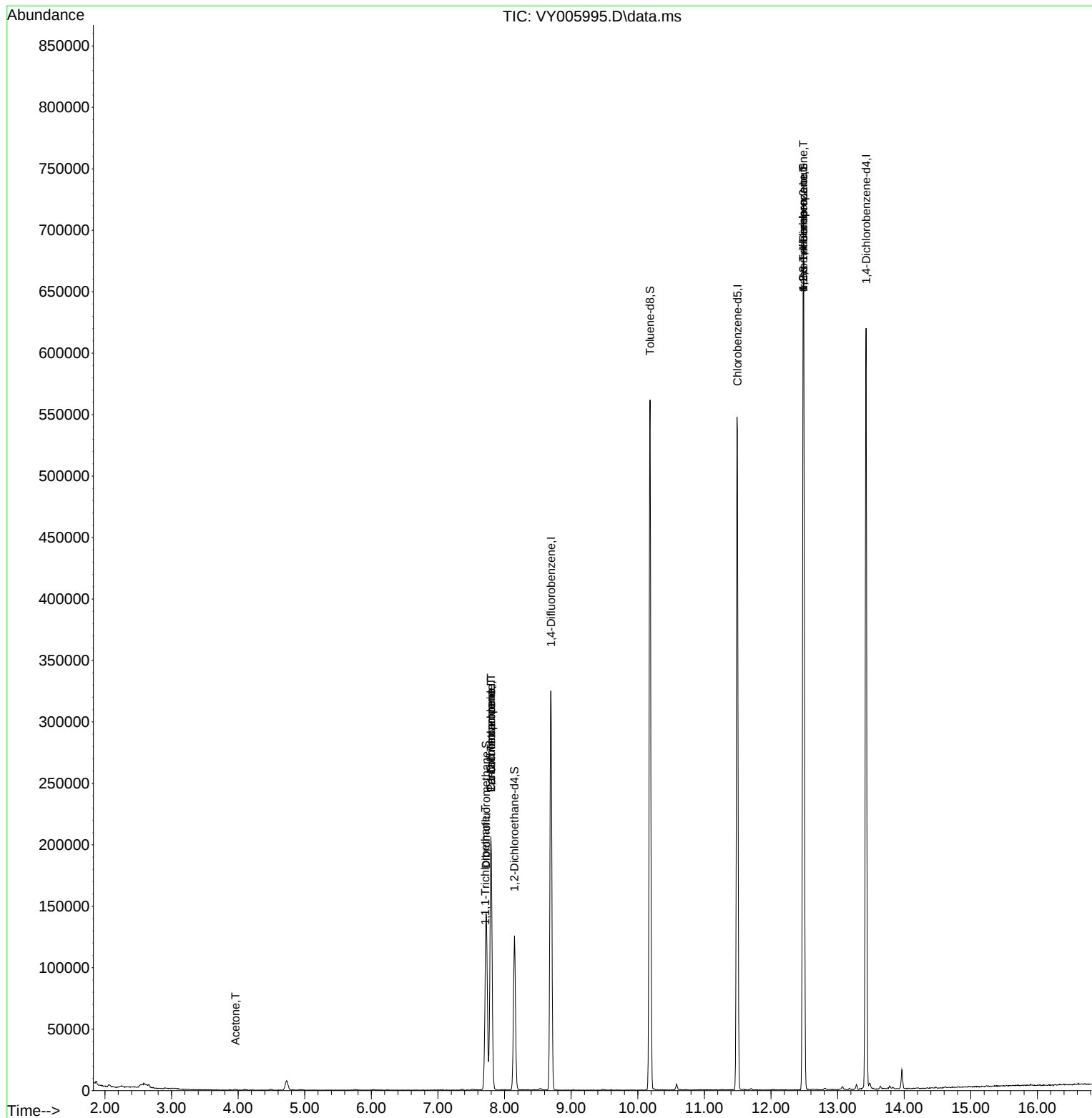
Internal Standards						
1) Pentafluorobenzene	7.795	168	178032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	299050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	319554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96335	53.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.400%	
35) Dibromofluoromethane	7.722	113	92822	55.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.540%	
50) Toluene-d8	10.185	98	377687	53.585	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.160%	
62) 4-Bromofluorobenzene	12.483	95	142256	60.107	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.220%	
Target Compounds						Qvalue
16) Acetone	3.960	43	1026	2.243	ug/l	96
20) Methylene Chloride	4.729	84	6186	Below Cal		86
32) 1,1,1-Trichloroethane	7.710	97	11049	3.882	ug/l	98
36) 1,1-Dichloropropene	7.795	75	10851	3.854	ug/l #	49
38) Carbon Tetrachloride	7.795	117	15277	5.006	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	72394	45.789	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72394	87.081	ug/l #	14

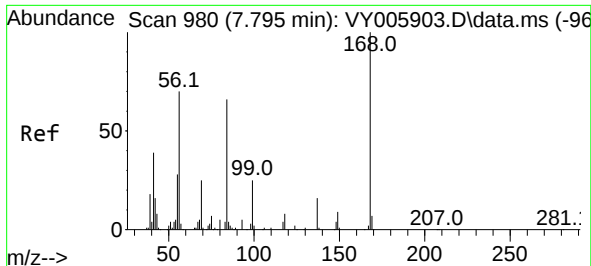
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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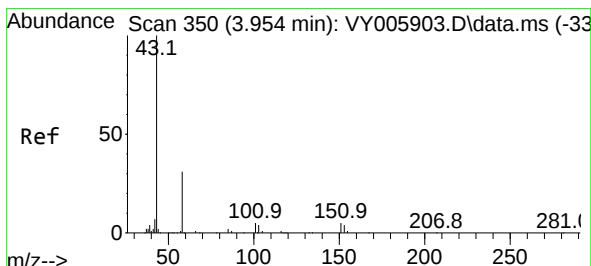
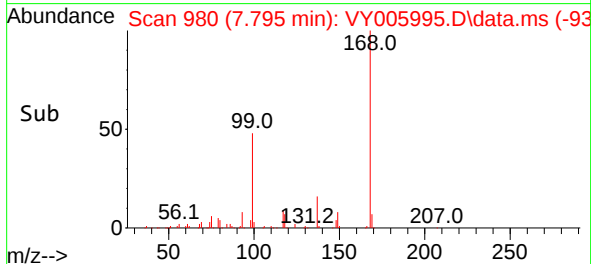
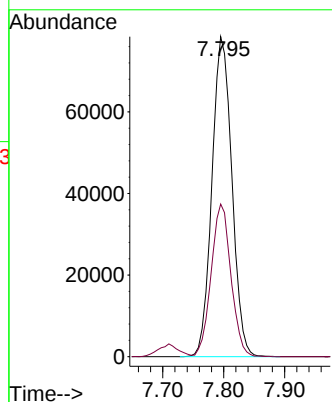
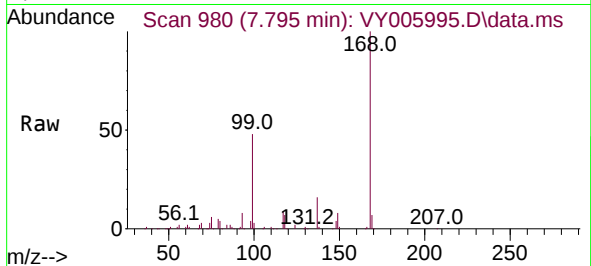




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005995.D
Acq: 10 Sep 2021 19:59

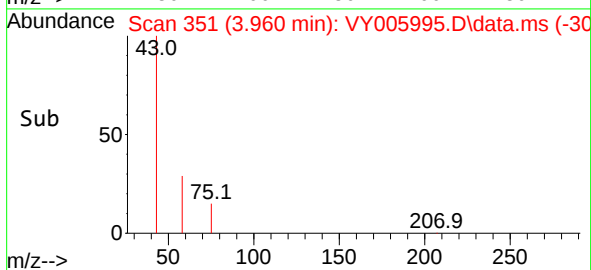
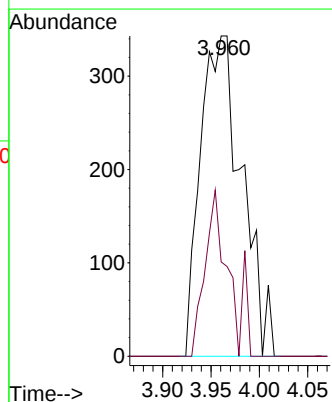
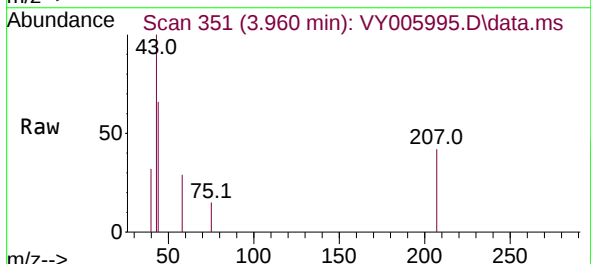
Instrument :
MSVOA_Y
ClientSampleId :

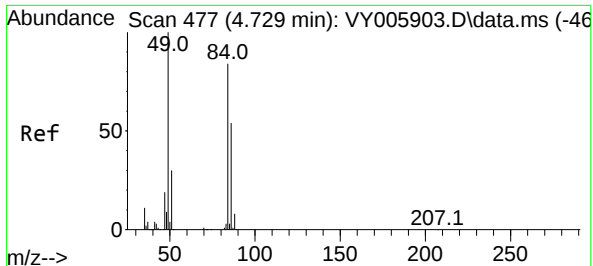
Tgt Ion:168 Resp: 178032
Ion Ratio Lower Upper
168 100
99 47.7 40.6 60.8



#16
Acetone
Concen: 2.243 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY005995.D
Acq: 10 Sep 2021 19:59

Tgt Ion: 43 Resp: 1026
Ion Ratio Lower Upper
43 100
58 29.4 25.1 37.7

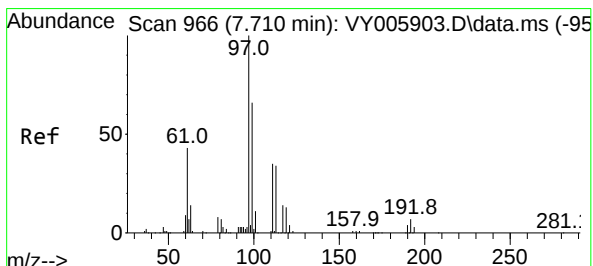
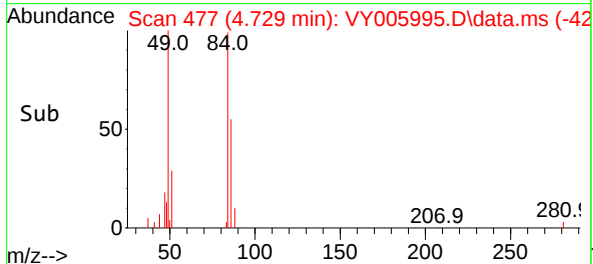
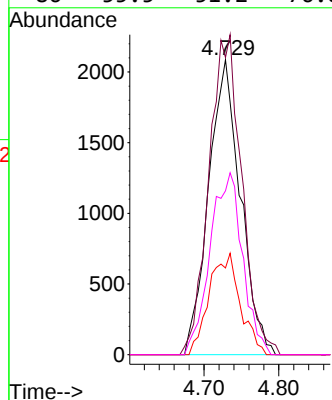
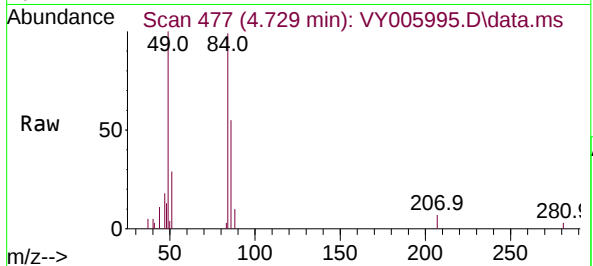




#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005995.D
Acq: 10 Sep 2021 19:59

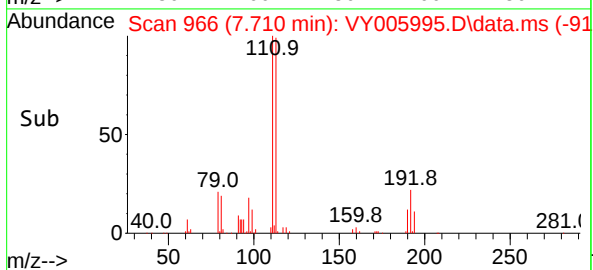
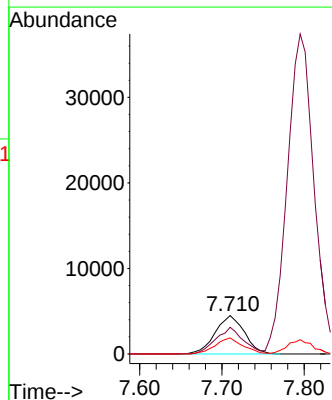
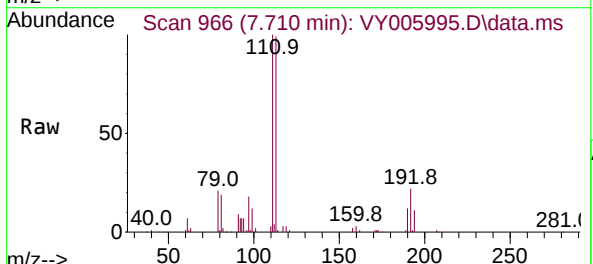
Instrument :
MSVOA_Y
ClientSampled :

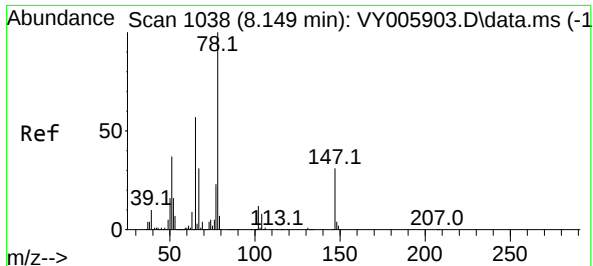
Tgt Ion:	84	Resp:	6186
Ion	Ratio	Lower	Upper
84	100		
49	100.7	95.7	143.5
51	29.4	29.0	43.6
86	55.5	51.2	76.8



#32
1,1,1-Trichloroethane
Concen: 3.882 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY005995.D
Acq: 10 Sep 2021 19:59

Tgt Ion:	97	Resp:	11049
Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.1	78.1
61	39.8	34.3	51.5

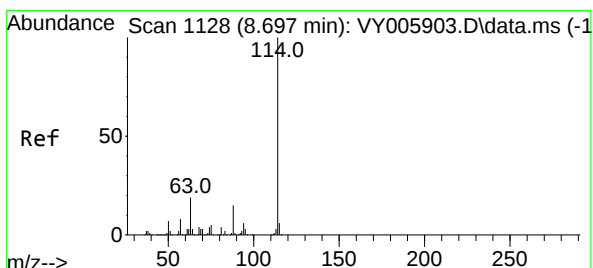
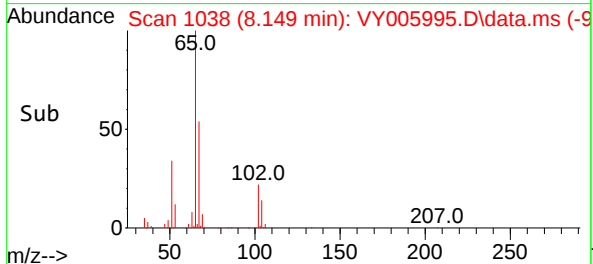
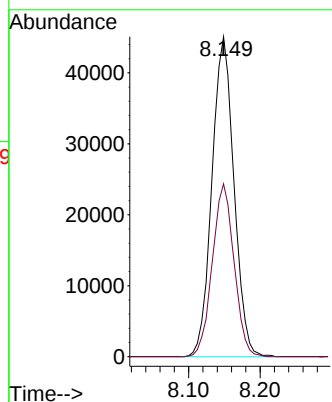
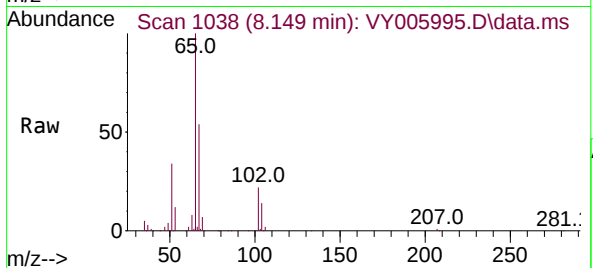




#33
1,2-Dichloroethane-d4
Concen: 53.696 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005995.D
Acq: 10 Sep 2021 19:59

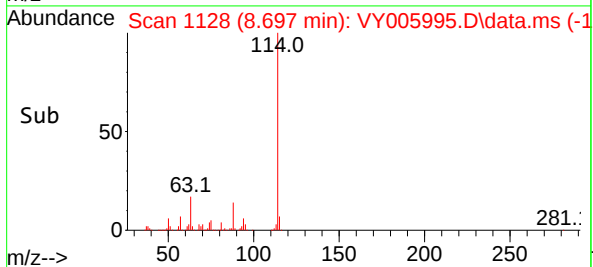
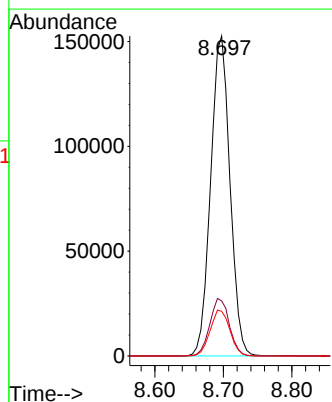
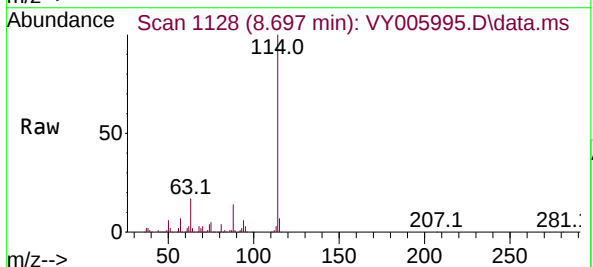
Instrument :
MSVOA_Y
ClientSampleId :

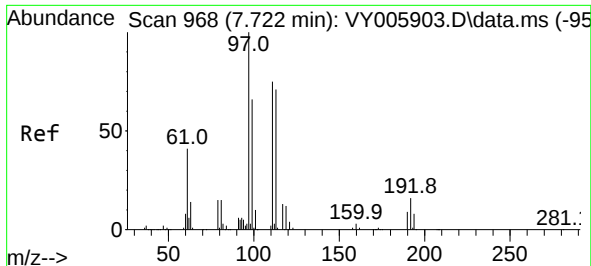
Tgt Ion: 65 Resp: 96335
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005995.D
Acq: 10 Sep 2021 19:59

Tgt Ion:114 Resp: 299050
Ion Ratio Lower Upper
114 100
63 17.2 0.0 38.4
88 13.9 0.0 30.0

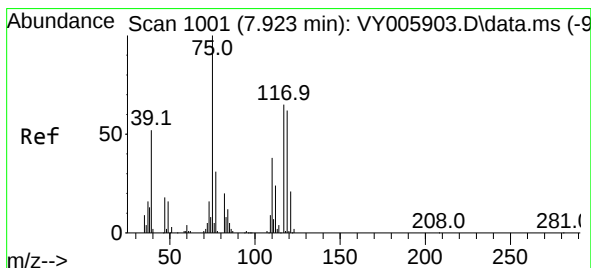
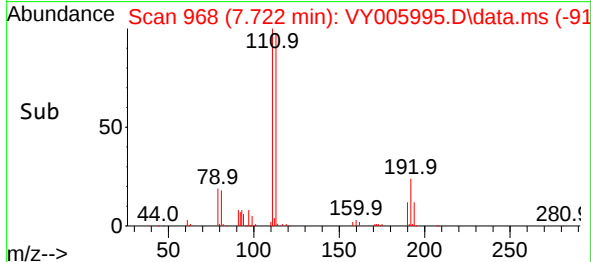
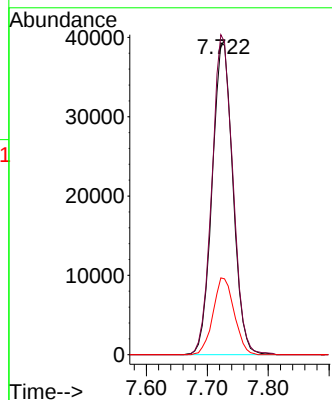
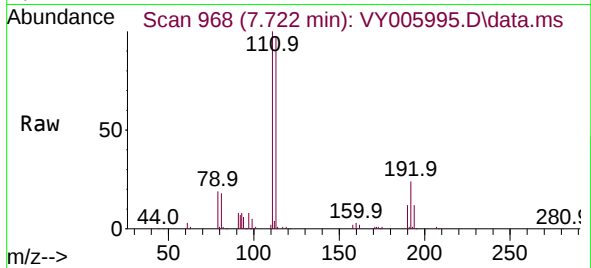




#35
Dibromofluoromethane
Concen: 55.269 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY005995.D
Acq: 10 Sep 2021 19:59

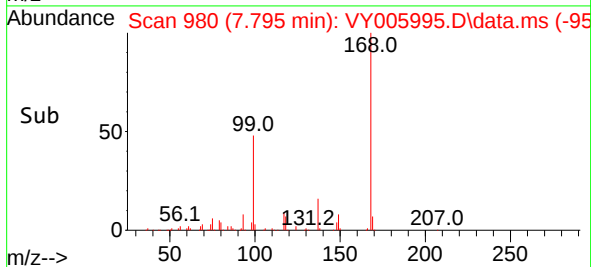
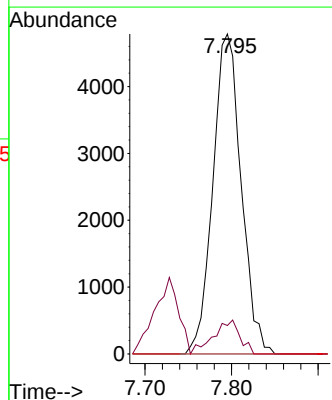
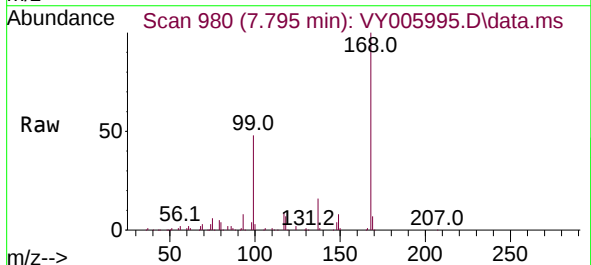
Instrument :
MSVOA_Y
ClientSampleId :

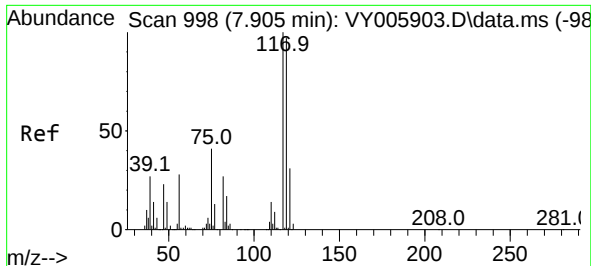
Tgt Ion:113 Resp: 92822
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 25.1 19.4 29.0



#36
1,1-Dichloropropene
Concen: 3.854 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005995.D
Acq: 10 Sep 2021 19:59

Tgt Ion: 75 Resp: 10851
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.3#
77 0.0 24.9 37.3#

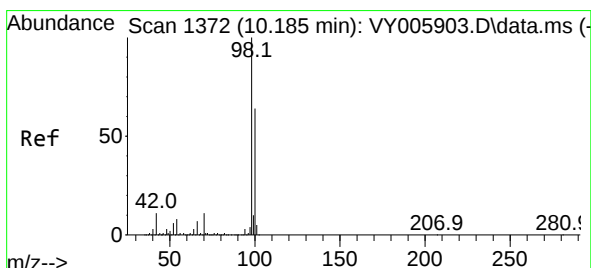
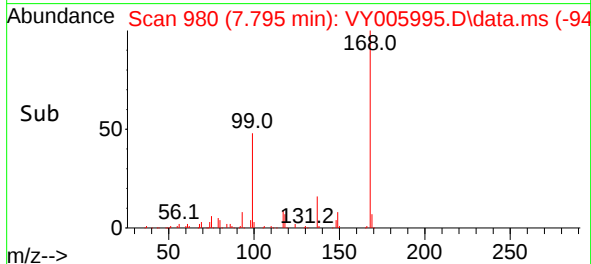
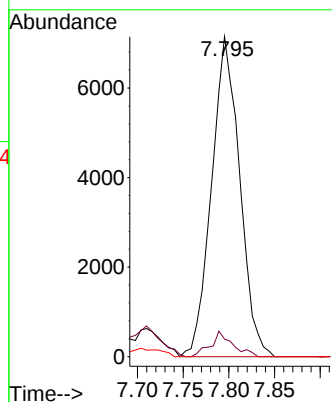
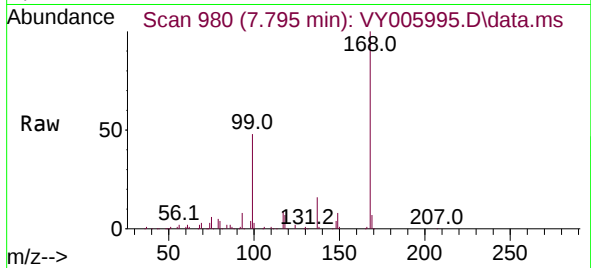




#38
Carbon Tetrachloride
Concen: 5.006 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005995.D
Acq: 10 Sep 2021 19:59

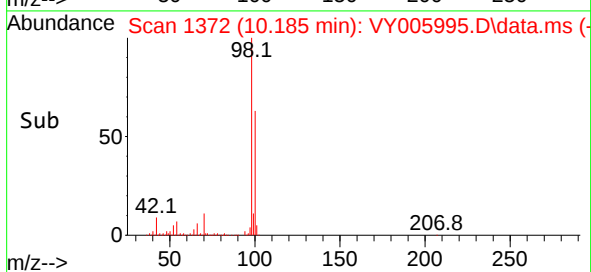
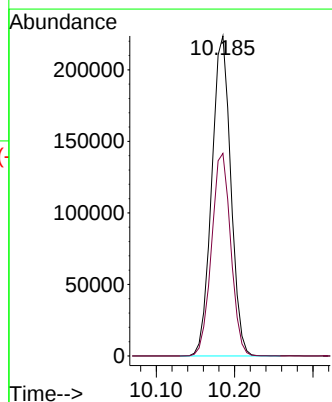
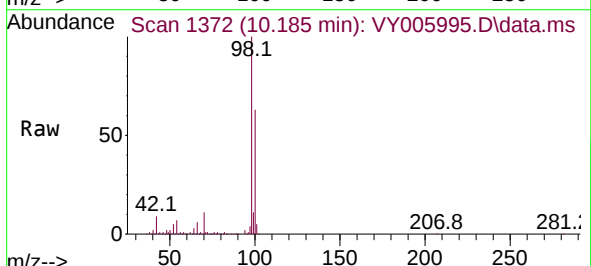
Instrument :
MSVOA_Y
ClientSampleId :

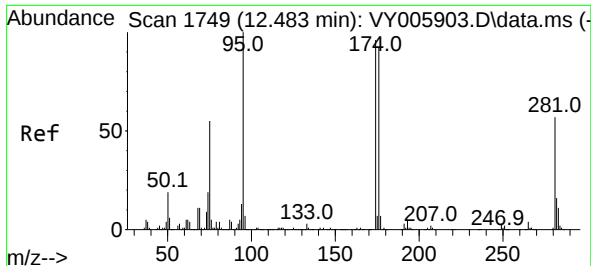
Tgt Ion:117 Resp: 15277
Ion Ratio Lower Upper
117 100
119 5.5 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 53.585 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005995.D
Acq: 10 Sep 2021 19:59

Tgt Ion: 98 Resp: 377687
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

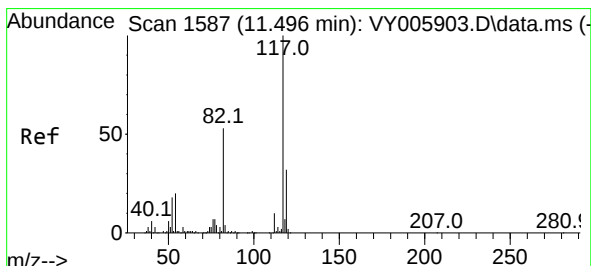
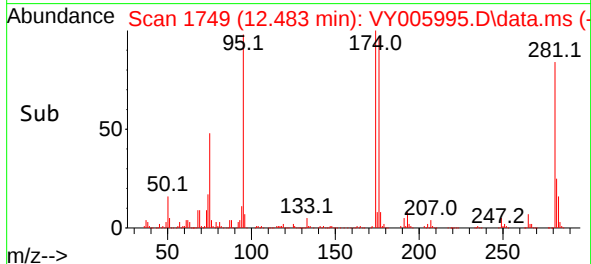
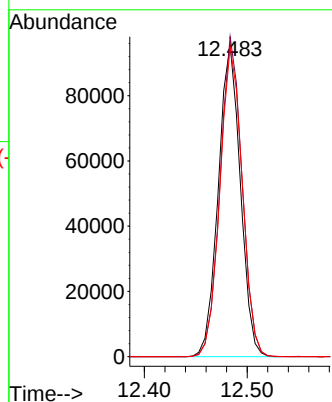
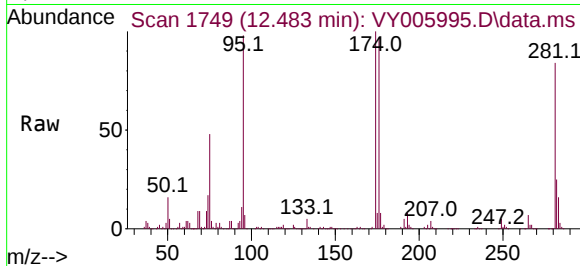




#62
4-Bromofluorobenzene
Concen: 60.107 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005995.D
Acq: 10 Sep 2021 19:59

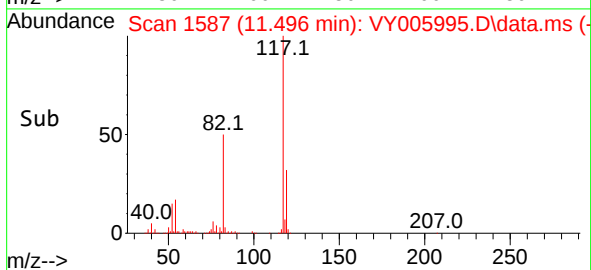
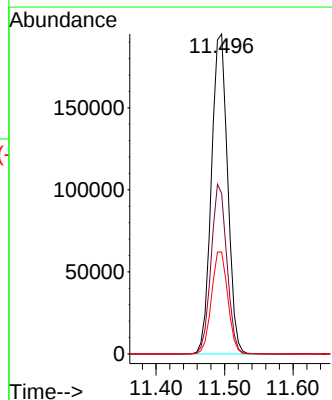
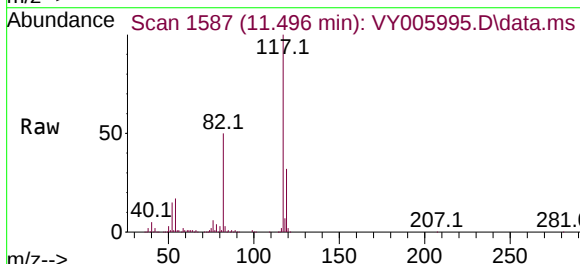
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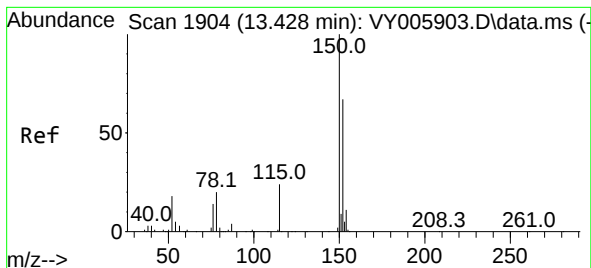
Tgt Ion: 95 Resp: 142256
Ion Ratio Lower Upper
95 100
174 102.2 0.0 192.4
176 100.1 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005995.D
Acq: 10 Sep 2021 19:59

Tgt Ion: 117 Resp: 319554
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 31.9 25.4 38.0

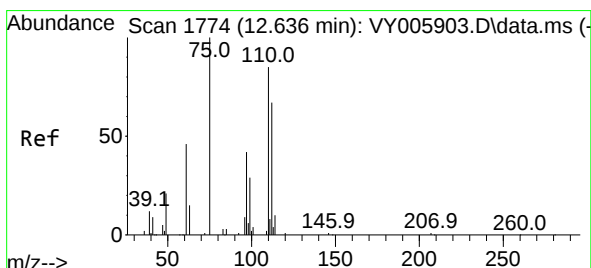
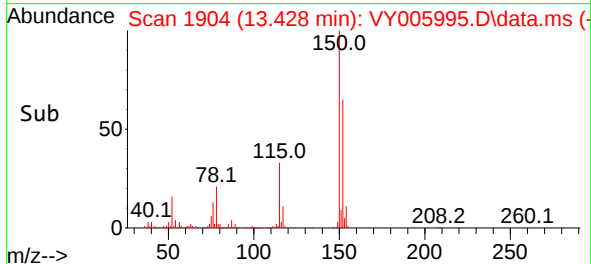
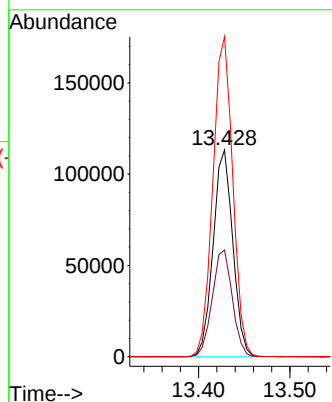
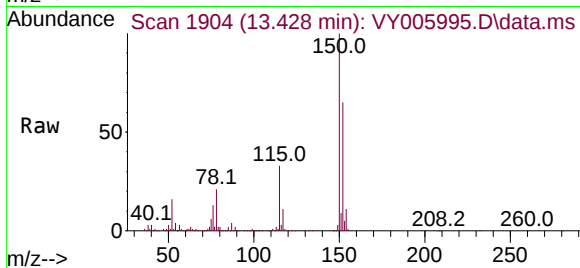




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005995.D
 Acq: 10 Sep 2021 19:59

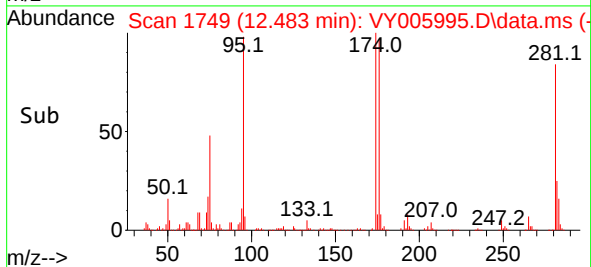
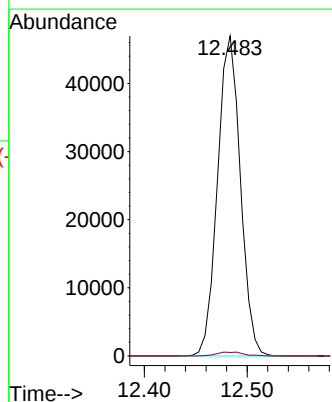
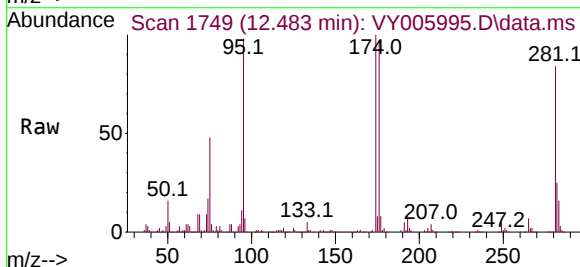
Instrument :
 MSVOA_Y
 ClientSampled :

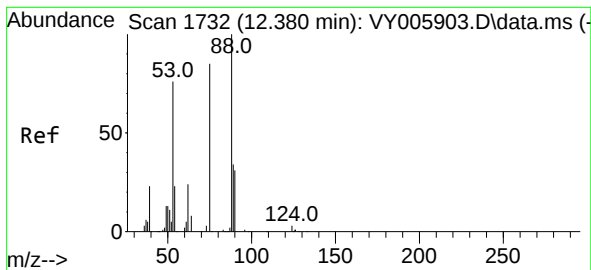
Tgt Ion:152 Resp: 168919
 Ion Ratio Lower Upper
 152 100
 115 52.7 26.8 80.4
 150 156.5 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 45.789 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005995.D
 Acq: 10 Sep 2021 19:59

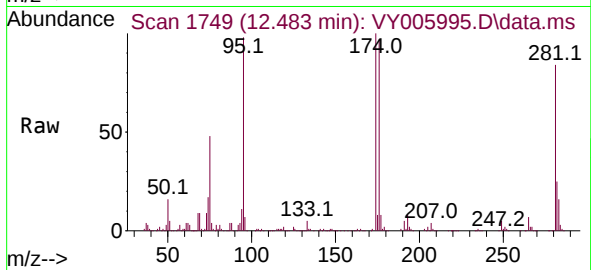
Tgt Ion: 75 Resp: 72394
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.081 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005995.D
 Acq: 10 Sep 2021 19:59

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 72394
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.8 107.8#
 89 0.9 35.8 53.6#

