

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005721.D
 Acq On : 17 Aug 2021 19:25
 Operator : SY/MD
 Sample : M3430-03
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 01:53:29 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)

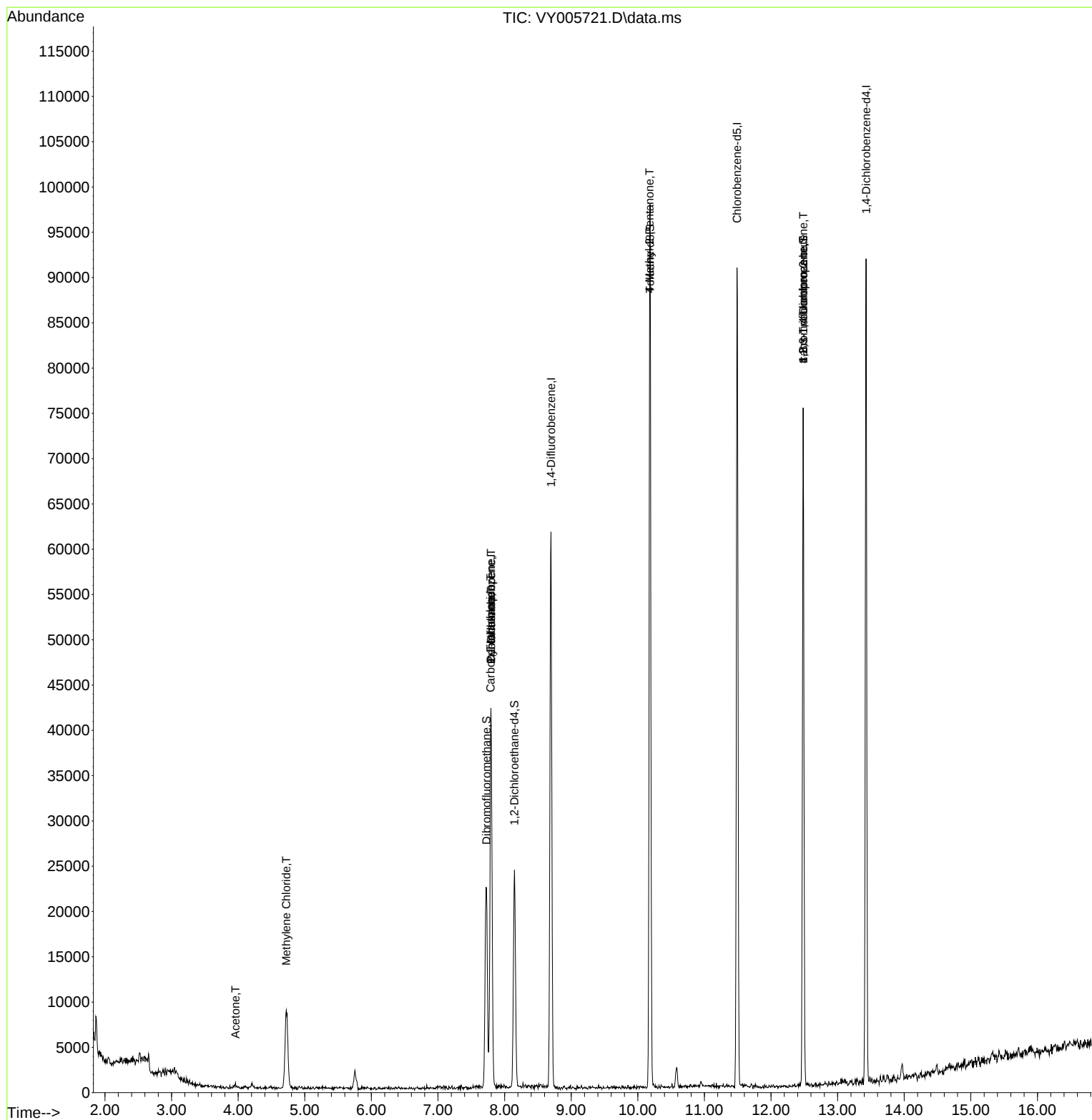
Internal Standards						
1) Pentafluorobenzene	7.795	168	33495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	51269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	49406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	19625	57.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.760%	
35) Dibromofluoromethane	7.728	113	15500	53.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.000%	
50) Toluene-d8	10.185	98	64378	53.477	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.960%	
62) 4-Bromofluorobenzene	12.483	95	20130	50.495	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.000%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	890	10.411	ug/l #	75
20) Methylene Chloride	4.722	84	6616	15.320	ug/l	90
31) Cyclohexane	7.795	56	672	1.155	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	2407	5.006	ug/l #	48
38) Carbon Tetrachloride	7.789	117	2793	5.344	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	360	1.239	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	10701	44.866	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	10701	90.443	ug/l #	11

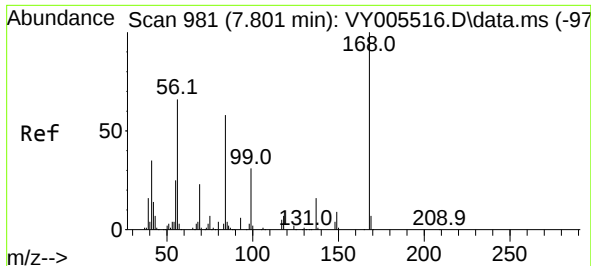
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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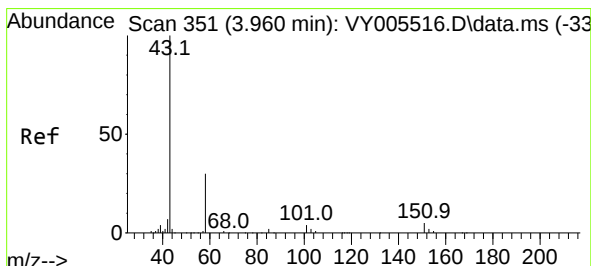
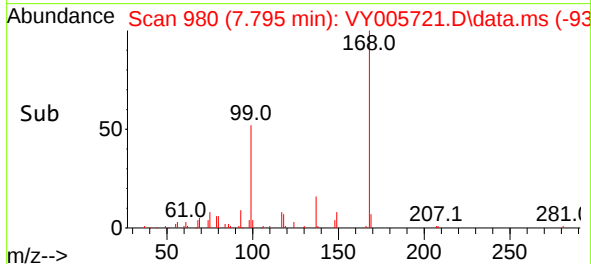
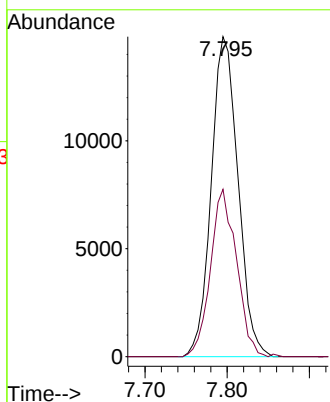
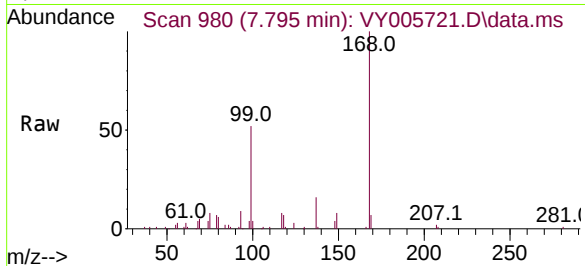




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005721.D
Acq: 17 Aug 2021 19:25

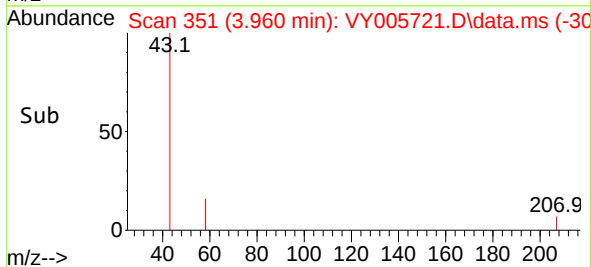
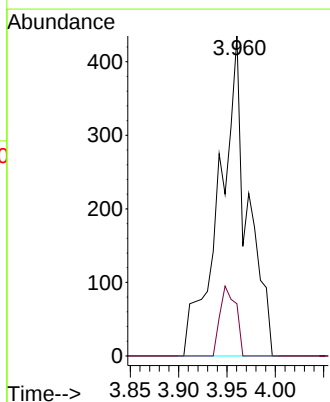
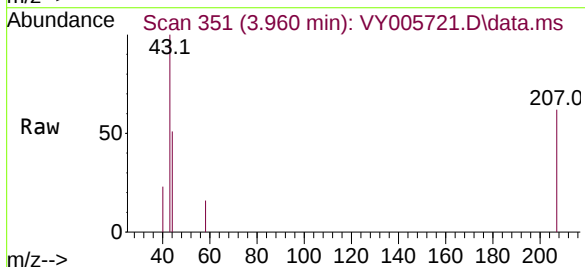
Instrument :
MSVOA_Y
ClientSampled :

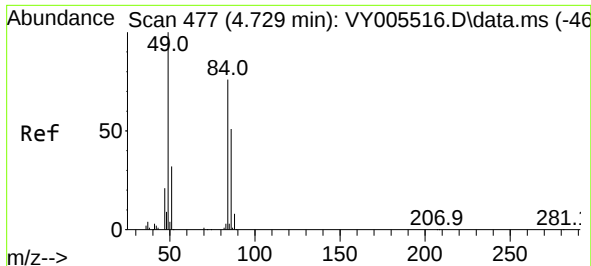
Tgt Ion:168 Resp: 33495
Ion Ratio Lower Upper
168 100
99 52.3 38.9 58.3



#16
Acetone
Concen: 10.411 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005721.D
Acq: 17 Aug 2021 19:25

Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 16.3 23.8 35.6#



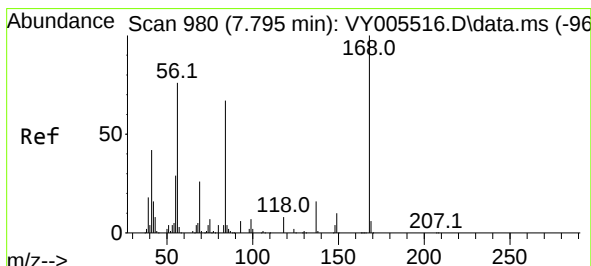
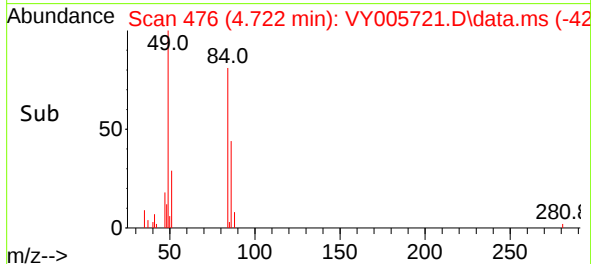
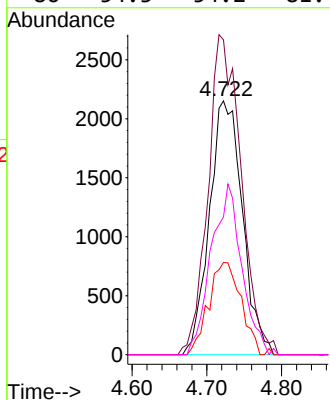
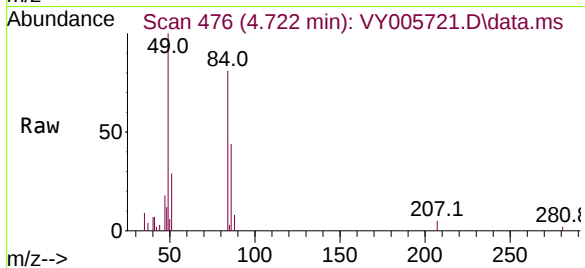


#20
Methylene Chloride
Concen: 15.320 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005721.D
Acq: 17 Aug 2021 19:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 6616

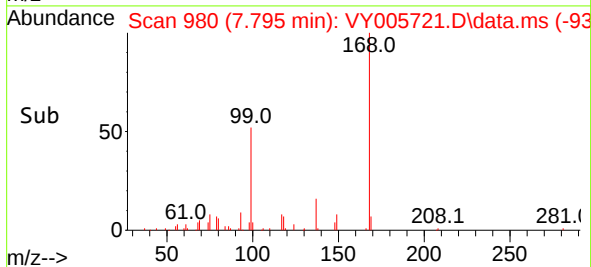
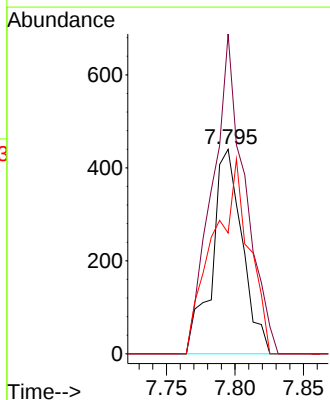
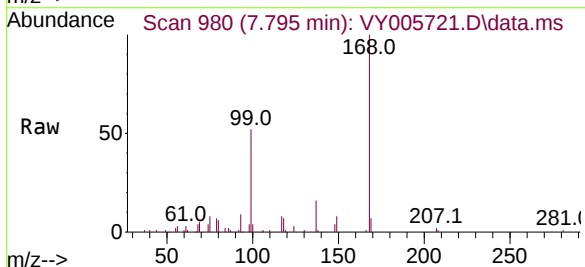
Ion	Ratio	Lower	Upper
84	100		
49	124.1	105.8	158.6
51	36.3	33.4	50.2
86	54.3	54.2	81.4

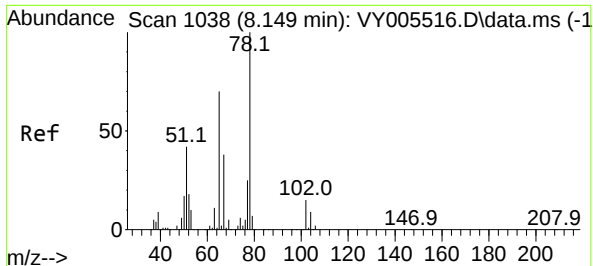


#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005721.D
Acq: 17 Aug 2021 19:25

Tgt Ion: 56 Resp: 672

Ion	Ratio	Lower	Upper
56	100		
69	156.4	27.7	41.5#
84	59.1	70.9	106.3#

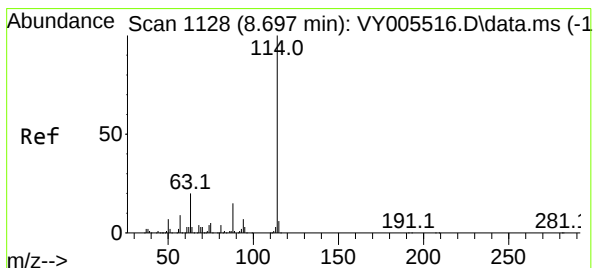
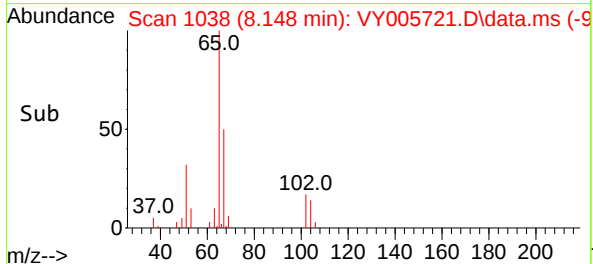
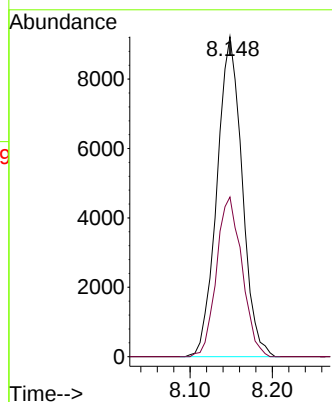
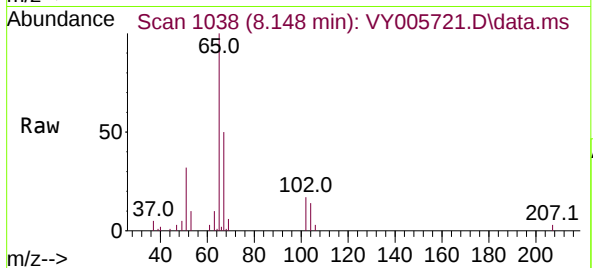




#33
 1,2-Dichloroethane-d4
 Concen: 57.882 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005721.D
 Acq: 17 Aug 2021 19:25

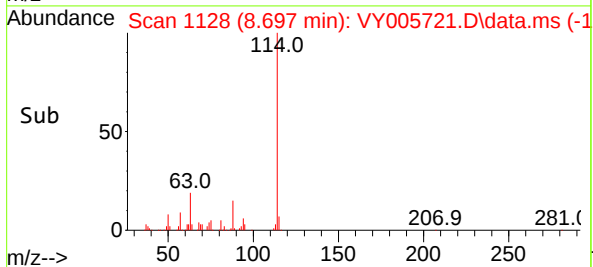
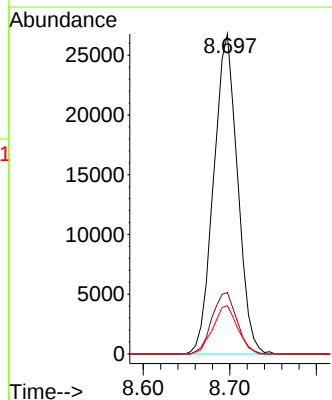
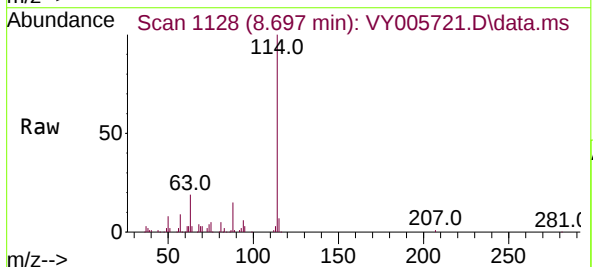
Instrument :
 MSVOA_Y
 ClientSampleId :

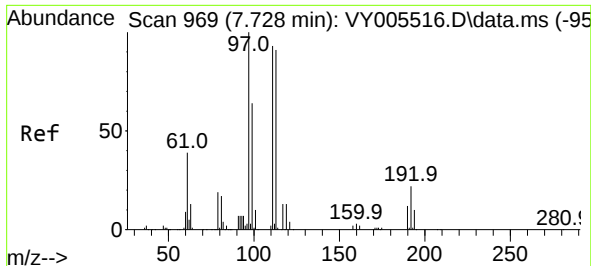
Tgt Ion: 65 Resp: 19625
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005721.D
 Acq: 17 Aug 2021 19:25

Tgt Ion: 114 Resp: 51269
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 15.1 0.0 30.8

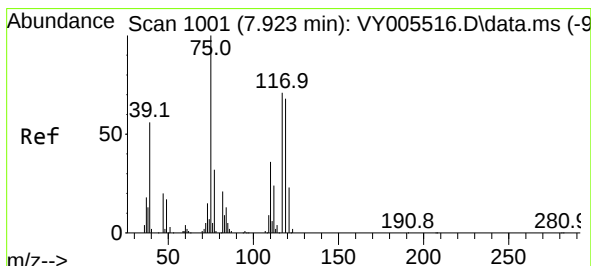
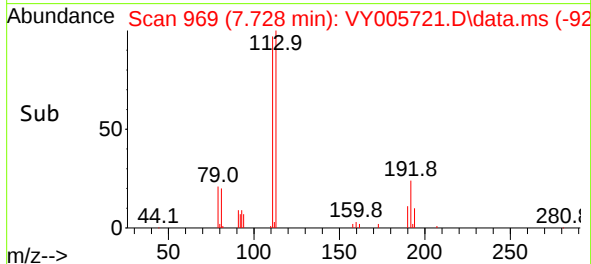
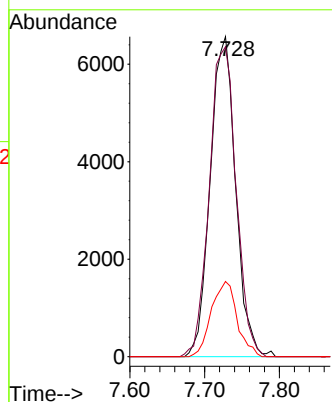
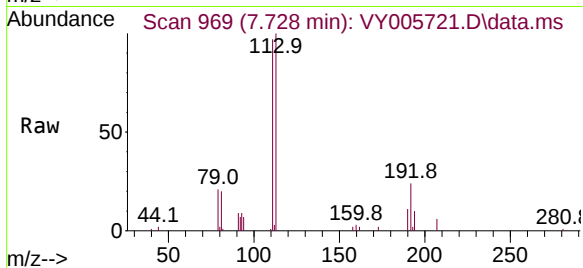




#35
Dibromofluoromethane
Concen: 53.999 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005721.D
Acq: 17 Aug 2021 19:25

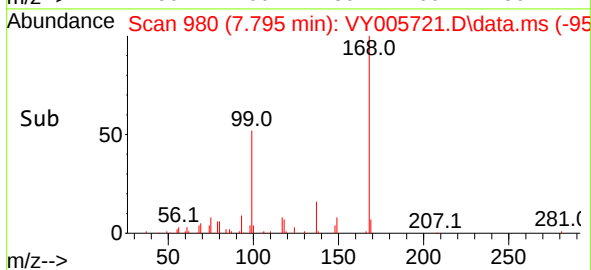
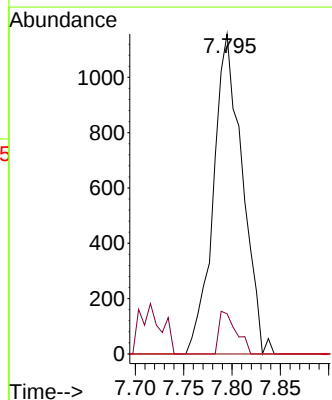
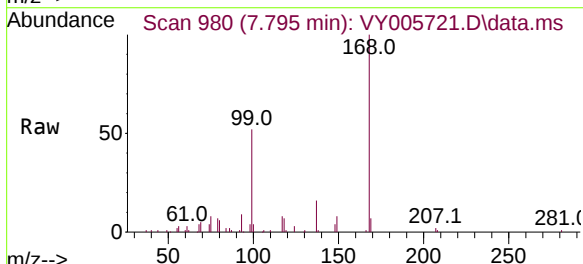
Instrument :
MSVOA_Y
ClientSampleId :

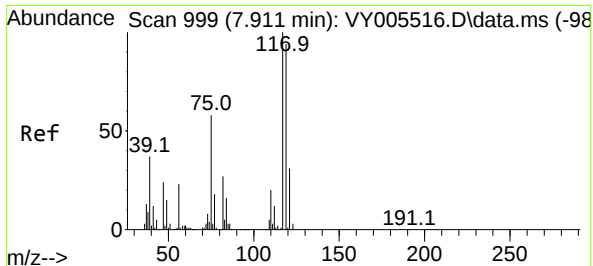
Tgt Ion:	113	Resp:	15500
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	23.9	19.2	28.8



#36
1,1-Dichloropropene
Concen: 5.006 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005721.D
Acq: 17 Aug 2021 19:25

Tgt Ion:	75	Resp:	2407
Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.1	54.1#
77	0.0	25.1	37.7#

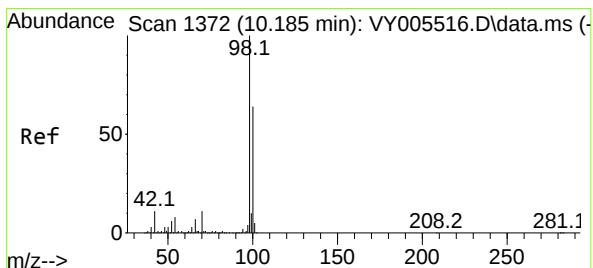
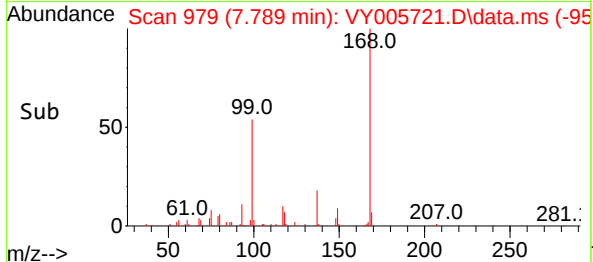
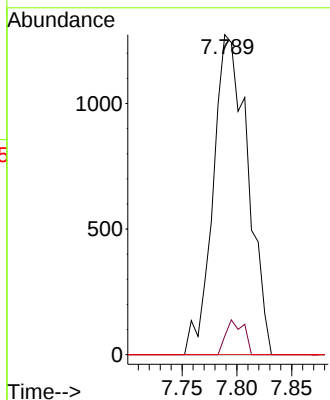
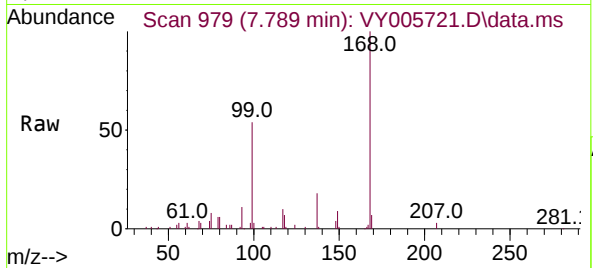




#38
Carbon Tetrachloride
Concen: 5.344 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY005721.D
Acq: 17 Aug 2021 19:25

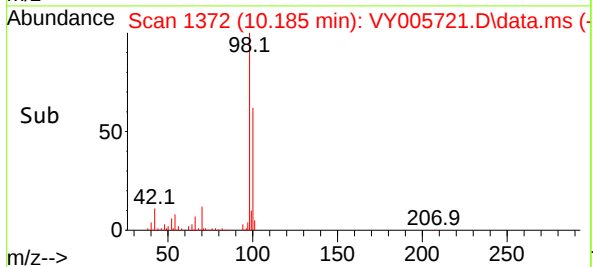
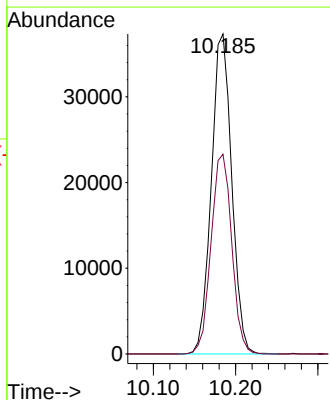
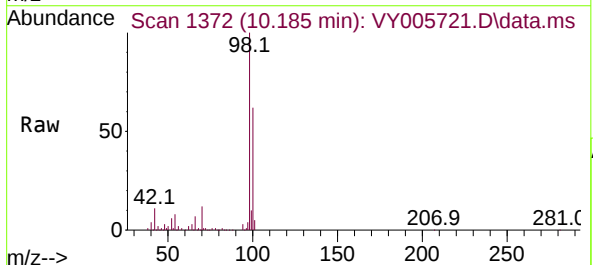
Instrument :
MSVOA_Y
ClientSampleId :

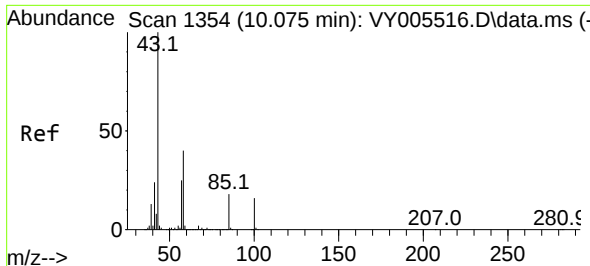
Tgt Ion:117 Resp: 2793
Ion Ratio Lower Upper
117 100
119 5.8 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.477 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005721.D
Acq: 17 Aug 2021 19:25

Tgt Ion: 98 Resp: 64378
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9

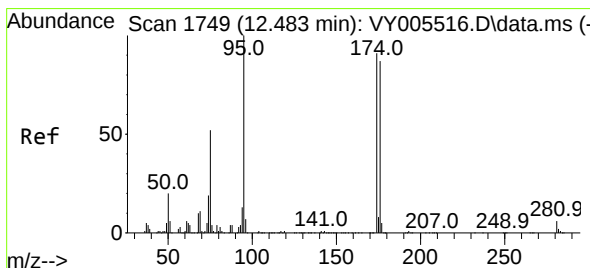
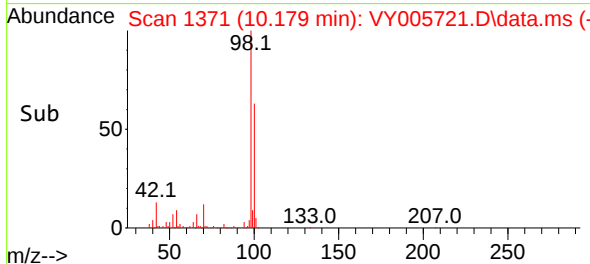
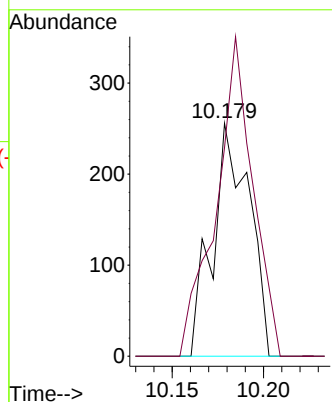
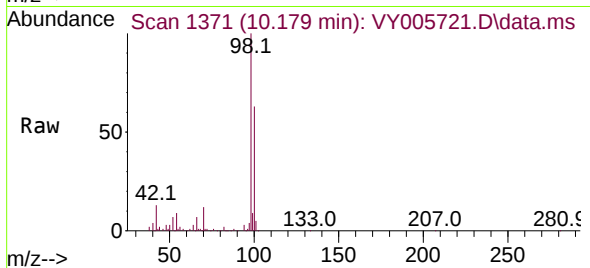




#51
4-Methyl-2-Pentanone
Concen: 1.239 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY005721.D
Acq: 17 Aug 2021 19:25

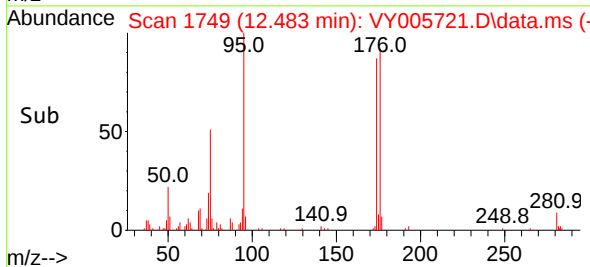
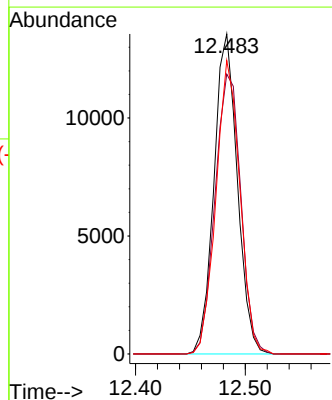
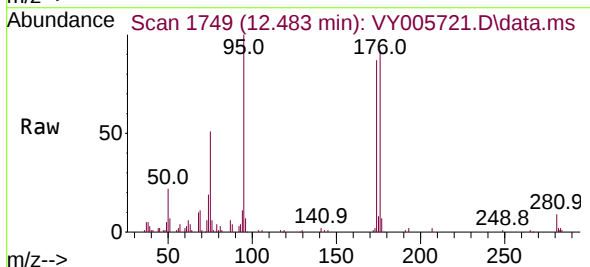
Instrument :
MSVOA_Y
ClientSampled :

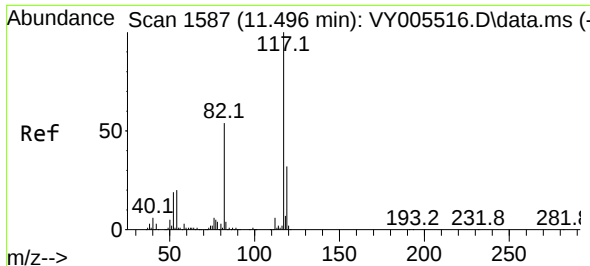
Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
58 136.4 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 50.495 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005721.D
Acq: 17 Aug 2021 19:25

Tgt Ion: 95 Resp: 20130
Ion Ratio Lower Upper
95 100
174 96.2 0.0 191.4
176 93.7 0.0 183.6

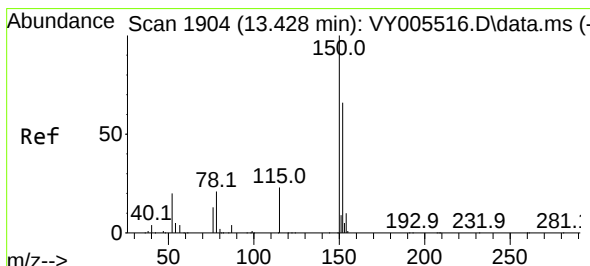
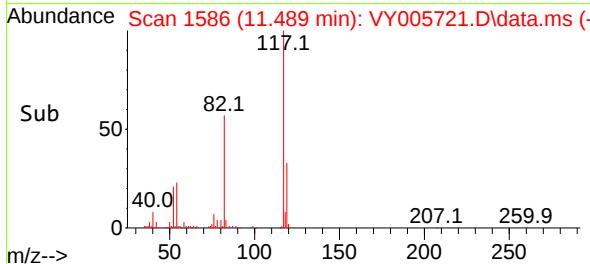
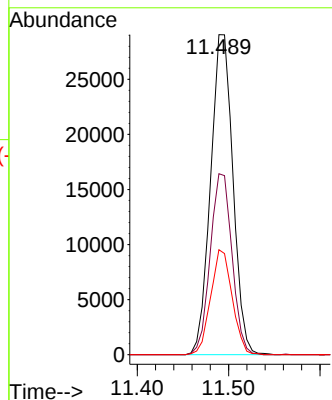
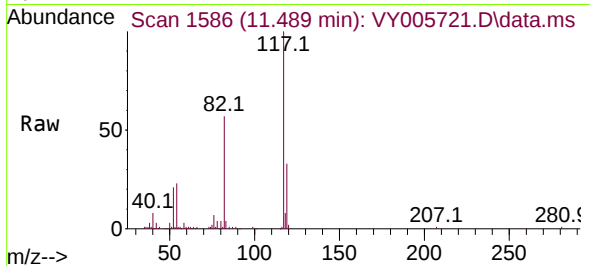




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005721.D
Acq: 17 Aug 2021 19:25

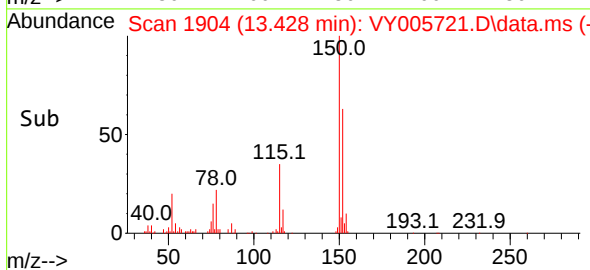
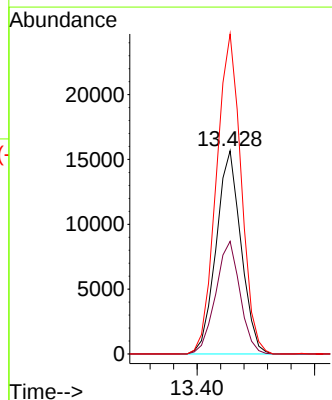
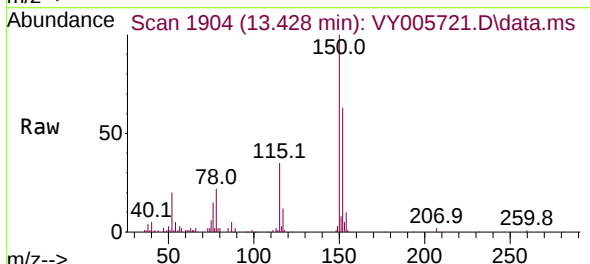
Instrument :
MSVOA_Y
ClientSampleId :

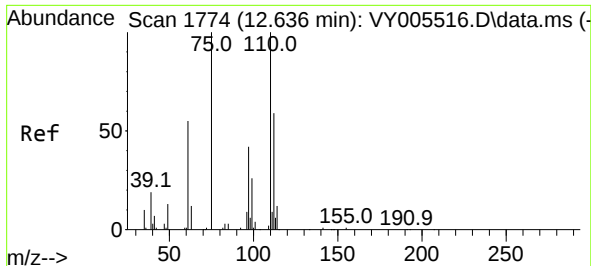
Tgt Ion:	117	Resp:	49406
Ion Ratio	Lower	Upper	
117	100		
82	56.6	43.5	65.3
119	32.8	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005721.D
Acq: 17 Aug 2021 19:25

Tgt Ion:	152	Resp:	23016
Ion Ratio	Lower	Upper	
152	100		
115	54.3	27.3	81.9
150	157.1	0.0	350.2

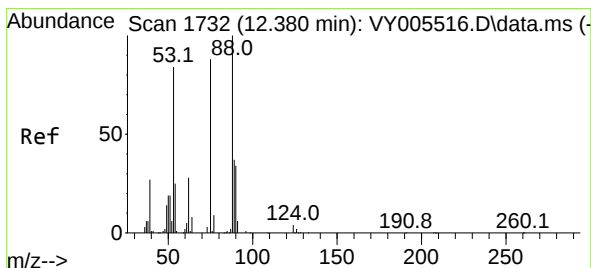
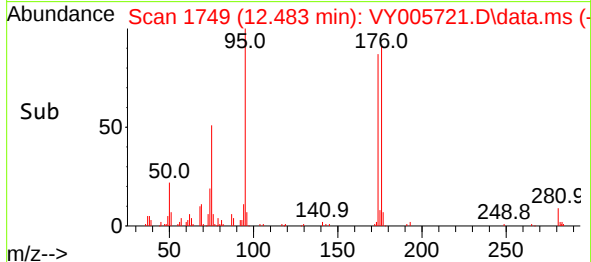
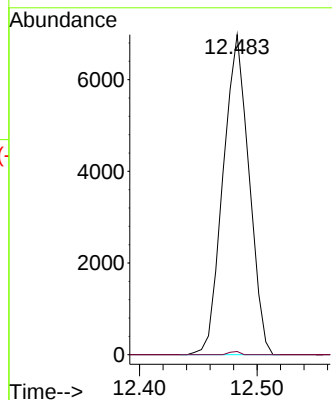
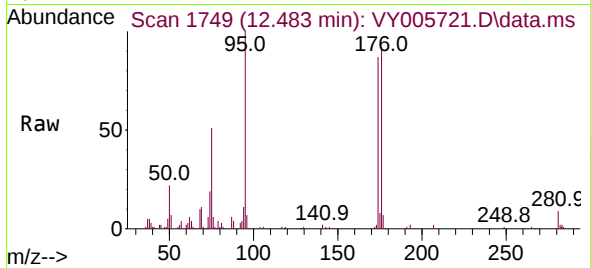




#76
1,2,3-Trichloropropane
Concen: 44.866 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005721.D
Acq: 17 Aug 2021 19:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 10701
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.443 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005721.D
Acq: 17 Aug 2021 19:25

Tgt Ion: 75 Resp: 10701
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

