

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005346.D
 Acq On : 02 Jul 2021 16:41
 Operator : SY/MD
 Sample : M2935-02
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jul 05 01:06:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

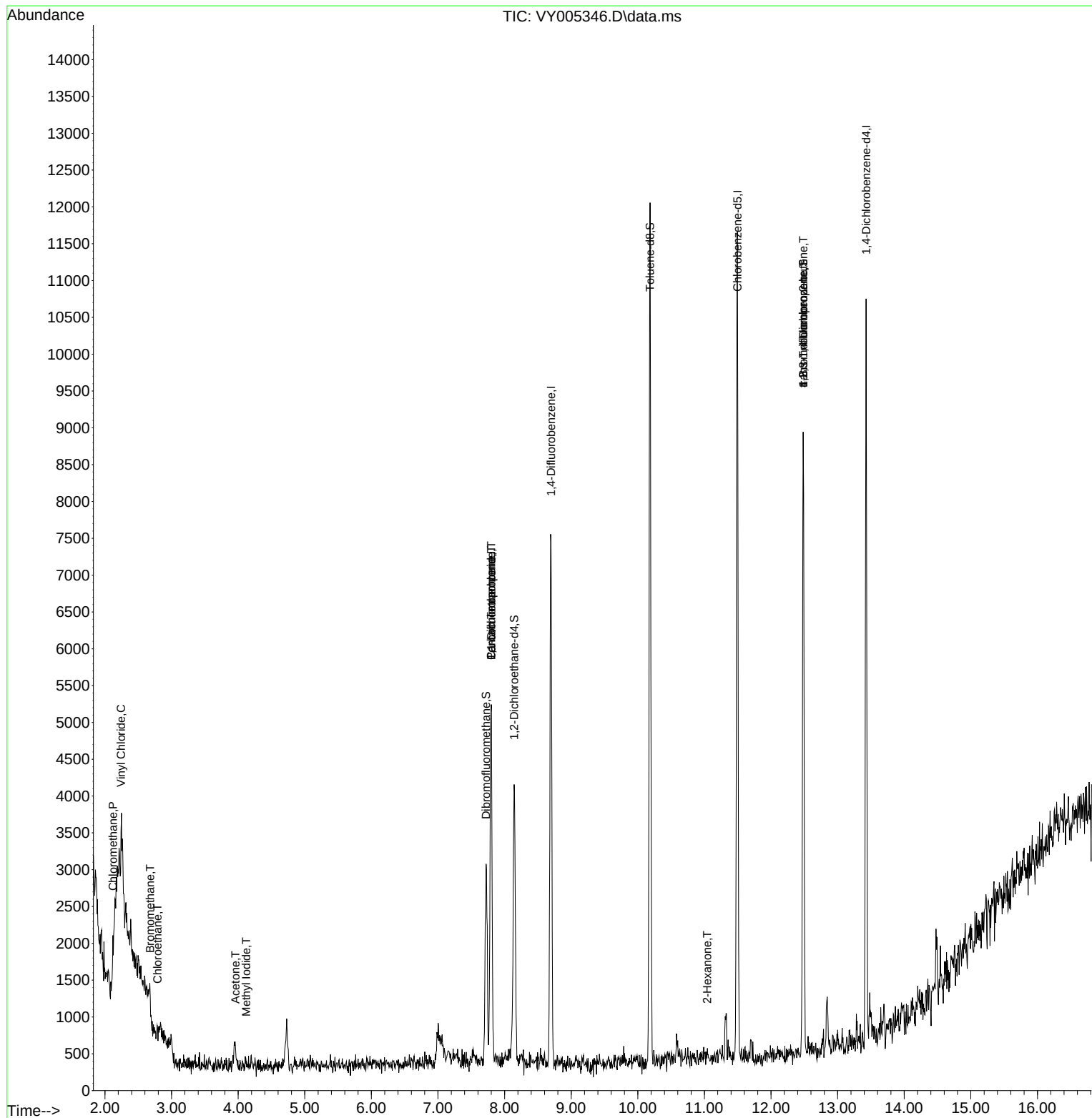
Internal Standards						
1) Pentafluorobenzene	7.801	168	4654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	6711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	6991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2910	75.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.700%
35) Dibromofluoromethane	7.722	113	1858	46.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.880%
50) Toluene-d8	10.185	98	8152	51.504	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.483	95	2371	44.954	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.900%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	105	2.576	ug/l #	40
4) Vinyl Chloride	2.241	62	321	6.888	ug/l #	19
5) Bromomethane	2.680	94	168	5.684	ug/l	93
6) Chloroethane	2.790	64	112	3.675	ug/l #	42
10) Methyl Iodide	4.119	142	200	3.686	ug/l #	44
16) Acetone	3.960	43	573	64.223	ug/l	92
20) Methylene Chloride	4.729	84	406	Below Cal	#	73
36) 1,1-Dichloropropene	7.801	75	321	5.432	ug/l #	40
38) Carbon Tetrachloride	7.801	117	361	5.836	ug/l #	12
59) 2-Hexanone	11.044	43	21	1.041	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	1342	54.567	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1342	101.810	ug/l #	17

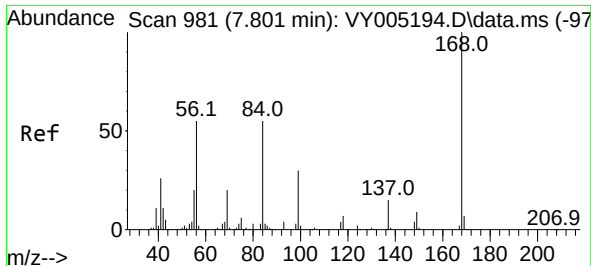
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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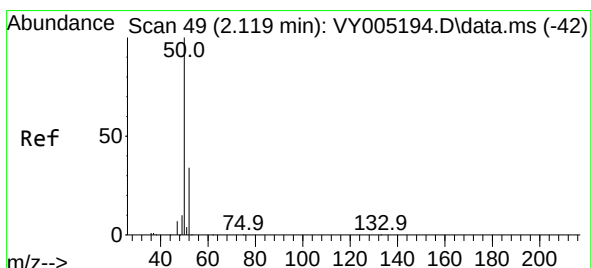
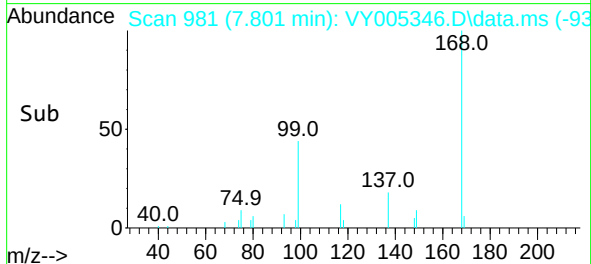
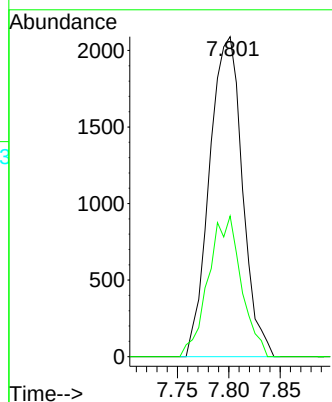
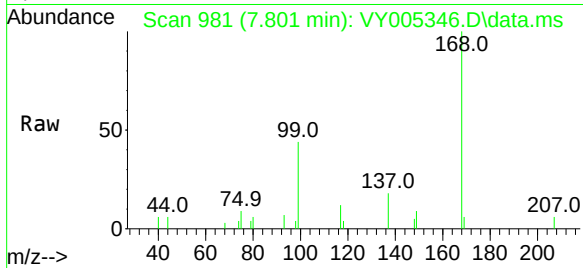




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

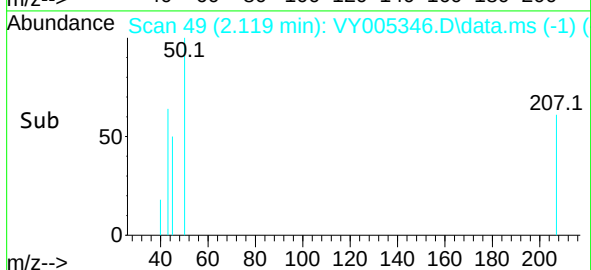
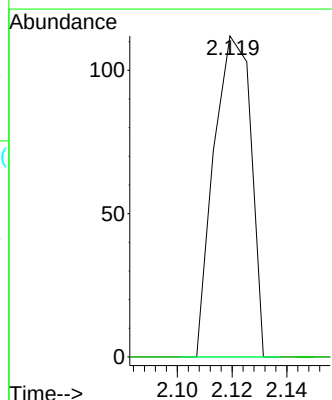
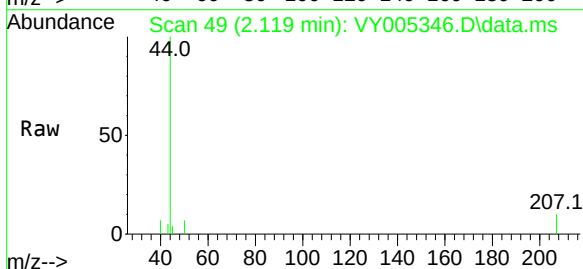
Instrument :
MSVOA_Y
ClientSampleId :
VOC

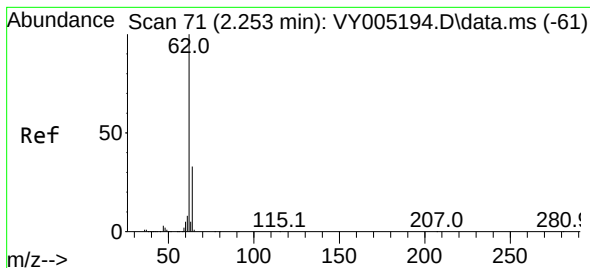
Tgt Ion:168 Resp: 4654
Ion Ratio Lower Upper
168 100
99 43.9 36.2 54.4



#3
Chloromethane
Concen: 2.576 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

Tgt Ion: 50 Resp: 105
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.2#

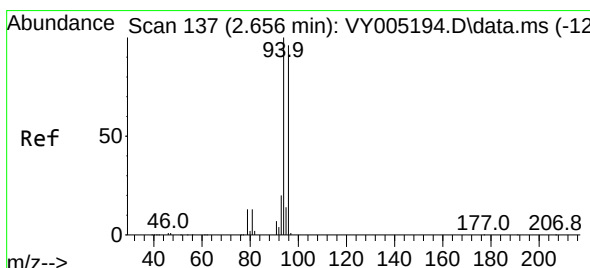
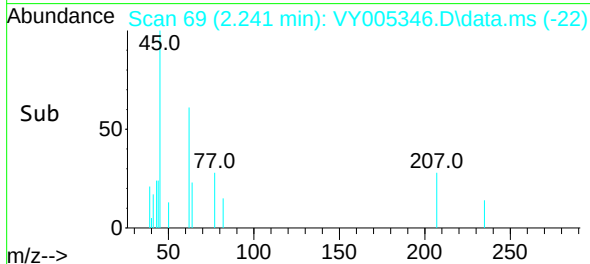
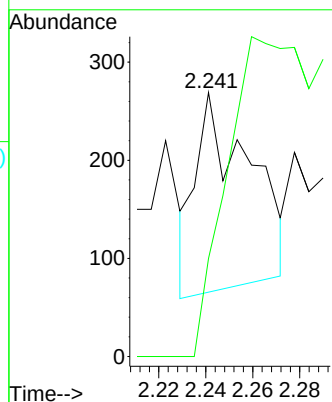
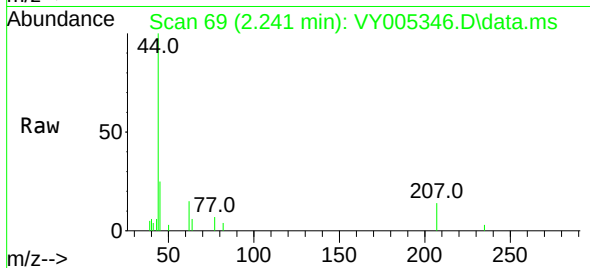




#4
 Vinyl Chloride
 Concen: 6.888 ug/l
 RT: 2.241 min Scan# 69
 Delta R.T. -0.012 min
 Lab File: VY005346.D
 Acq: 02 Jul 2021 16:41

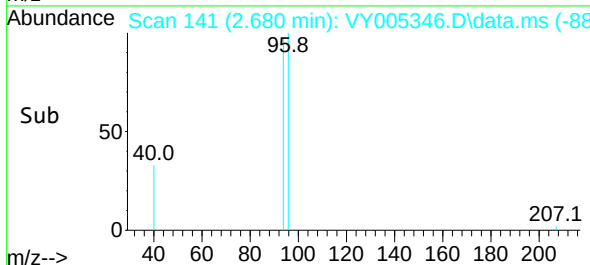
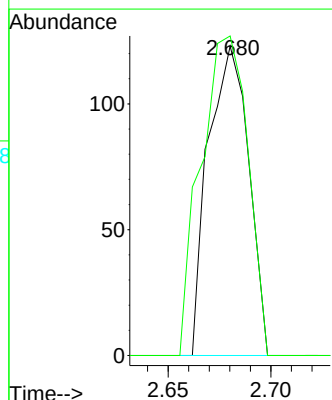
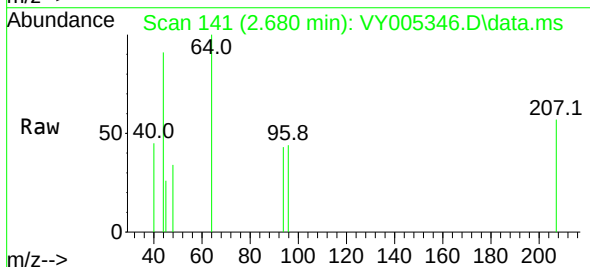
Instrument :
 MSVOA_Y
 ClientSampled :
 VOC

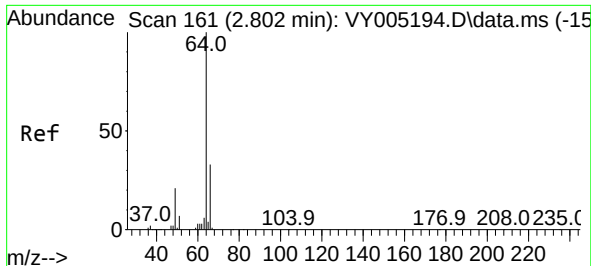
Tgt Ion: 62 Resp: 321
 Ion Ratio Lower Upper
 62 100
 64 78.1 26.1 39.1#



#5
 Bromomethane
 Concen: 5.684 ug/l
 RT: 2.680 min Scan# 141
 Delta R.T. 0.024 min
 Lab File: VY005346.D
 Acq: 02 Jul 2021 16:41

Tgt Ion: 94 Resp: 168
 Ion Ratio Lower Upper
 94 100
 96 103.3 76.9 115.3

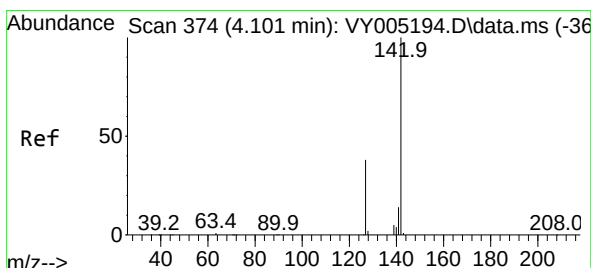
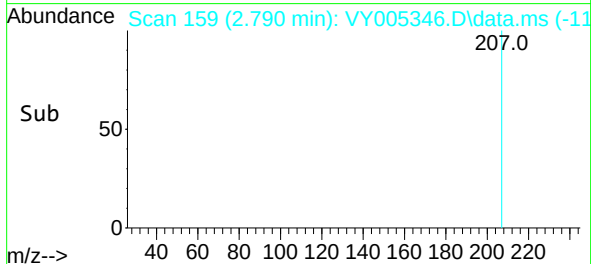
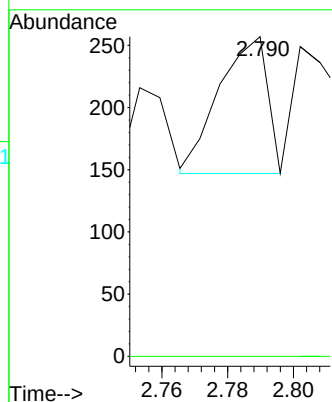
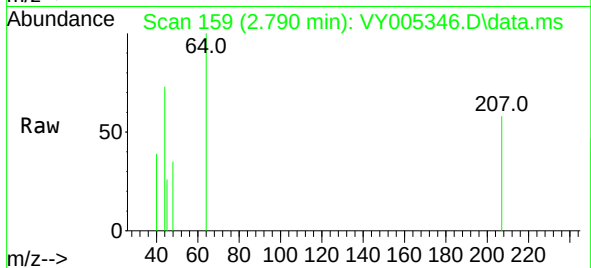




#6
Chloroethane
Concen: 3.675 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

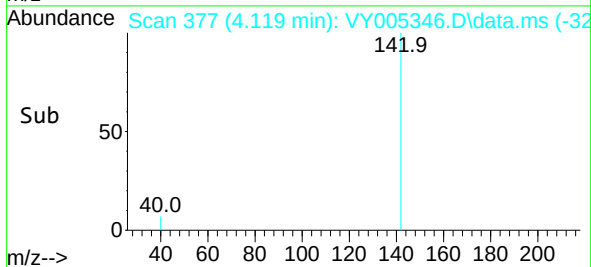
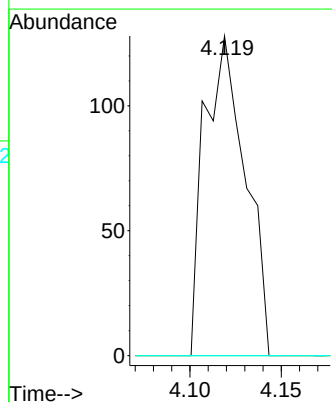
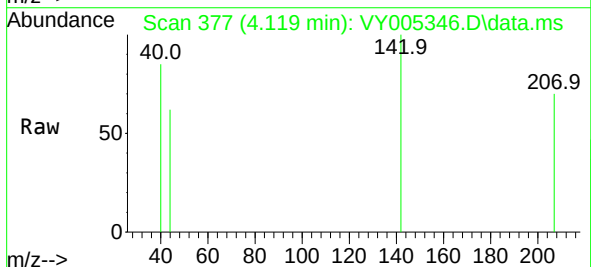
Instrument :
MSVOA_Y
ClientSampleId :
VOC

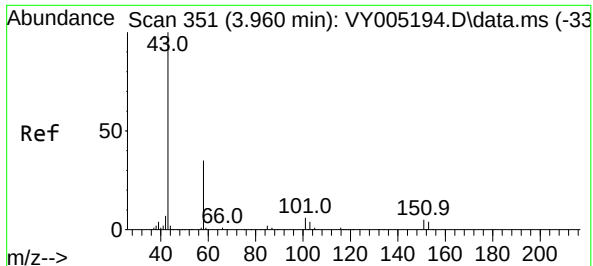
Tgt Ion: 64 Resp: 112
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#10
Methyl Iodide
Concen: 3.686 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

Tgt Ion:142 Resp: 200
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.3 16.9#

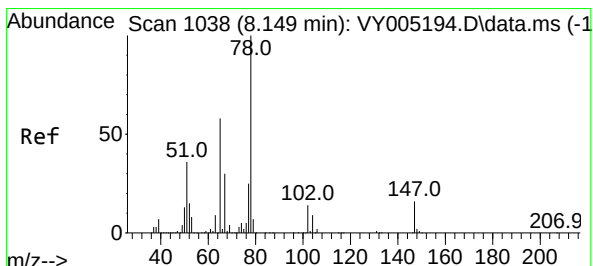
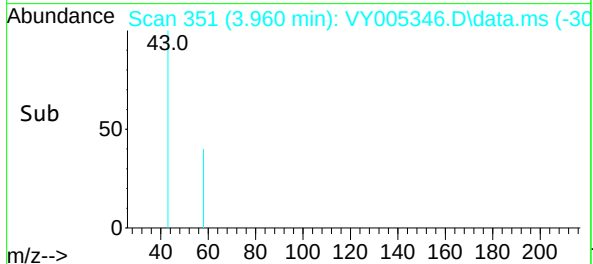
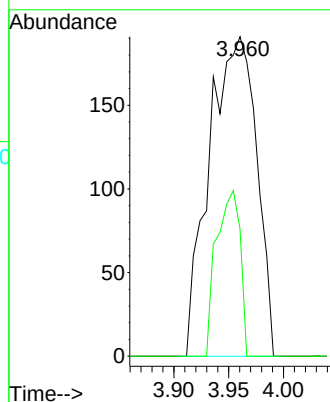
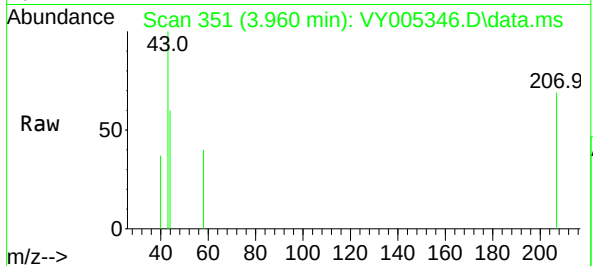




#16
Acetone
Concen: 64.223 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

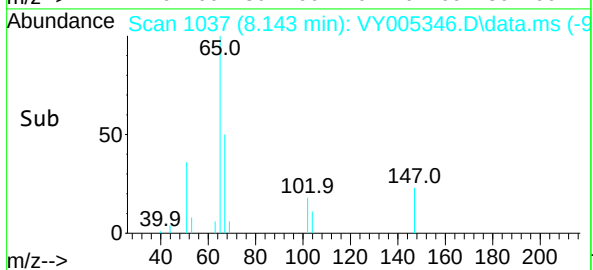
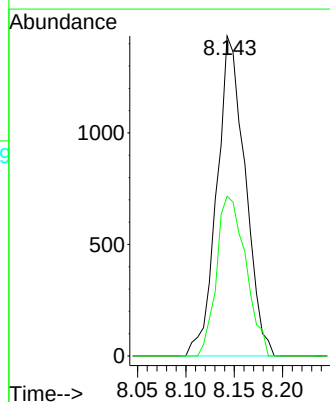
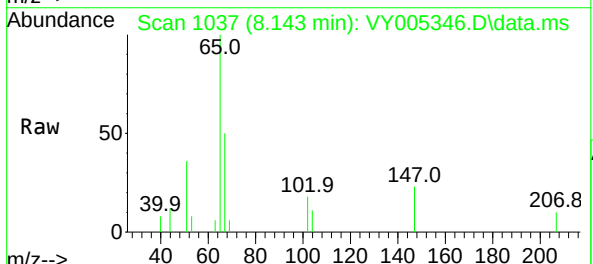
Instrument :
MSVOA_Y
ClientSampled :
VOC

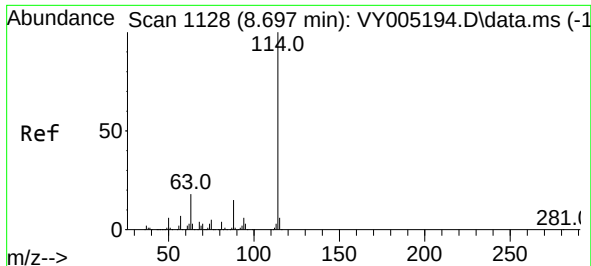
Tgt Ion: 43 Resp: 573
Ion Ratio Lower Upper
43 100
58 39.8 28.2 42.2



#33
1,2-Dichloroethane-d4
Concen: 75.347 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

Tgt Ion: 65 Resp: 2910
Ion Ratio Lower Upper
65 100
67 51.6 0.0 110.6

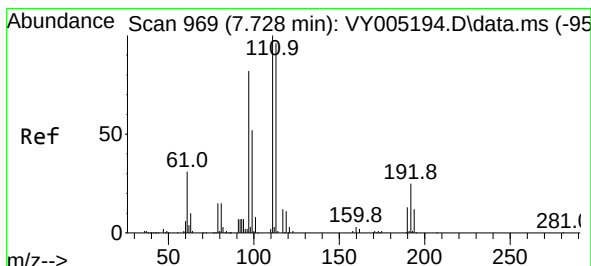
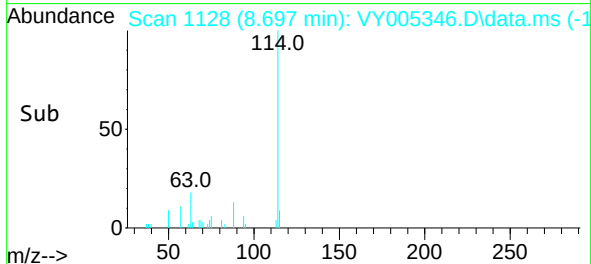
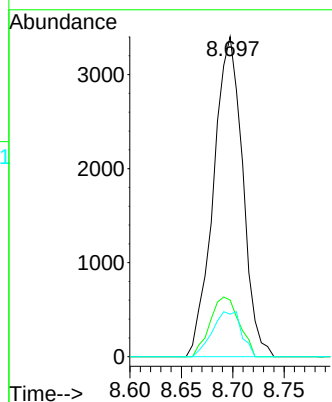
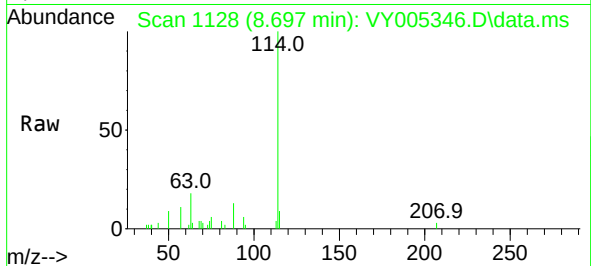




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

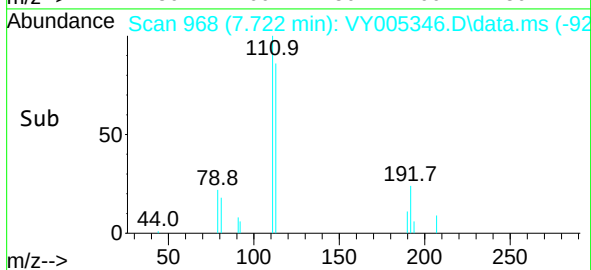
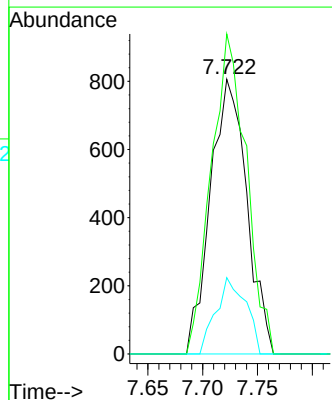
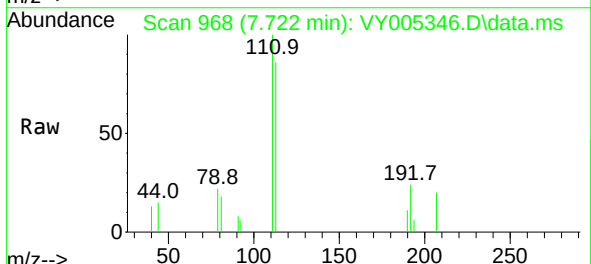
Instrument :
MSVOA_Y
ClientSampled :
VOC

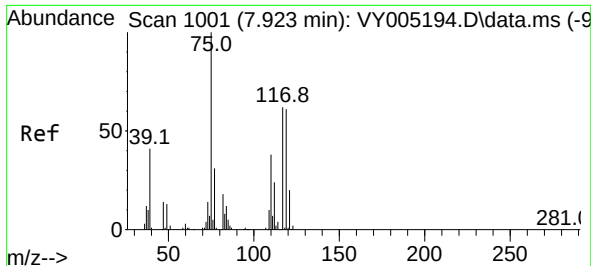
Tgt Ion:	114	Resp:	6711
Ion Ratio	Lower	Upper	
114	100		
63	17.7	0.0	35.2
88	13.3	0.0	29.4



#35
Dibromofluoromethane
Concen: 46.945 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

Tgt Ion:	113	Resp:	1858
Ion Ratio	Lower	Upper	
113	100		
111	112.2	82.6	124.0
192	22.8	20.2	30.2

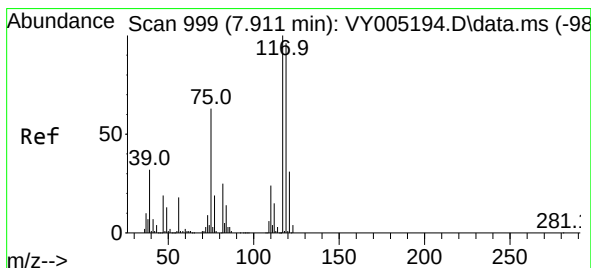
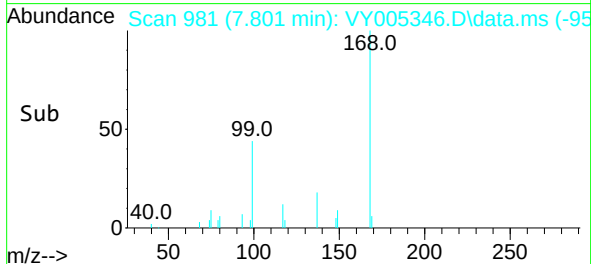
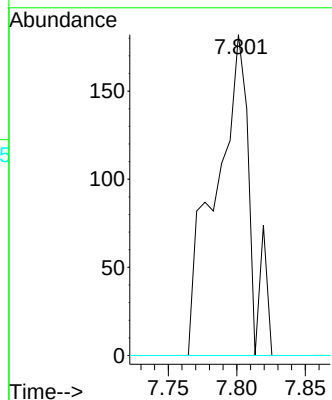
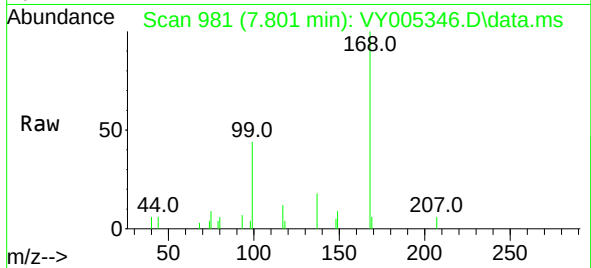




#36
1,1-Dichloropropene
Concen: 5.432 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

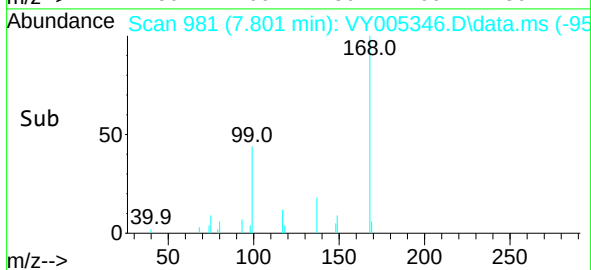
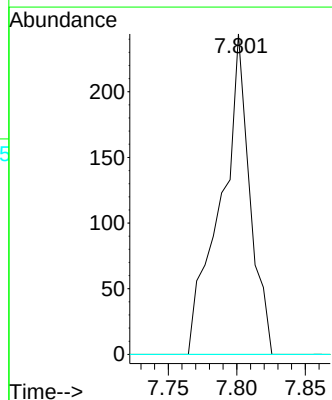
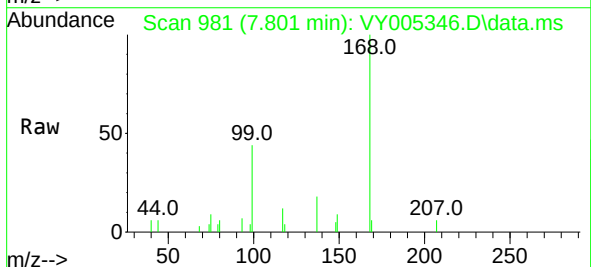
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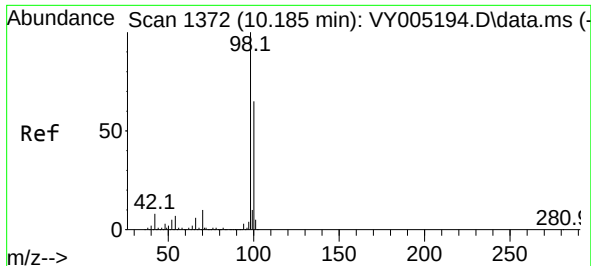
Tgt Ion: 75 Resp: 321
Ion Ratio Lower Upper
75 100
110 0.0 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.836 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

Tgt Ion: 117 Resp: 361
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.4#
121 0.0 24.7 37.1#

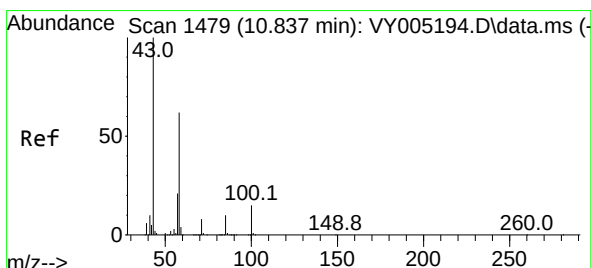
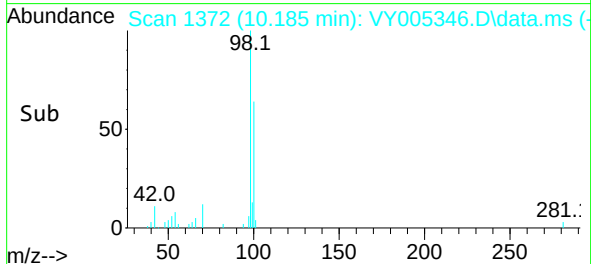
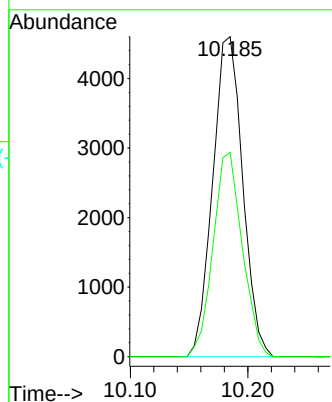
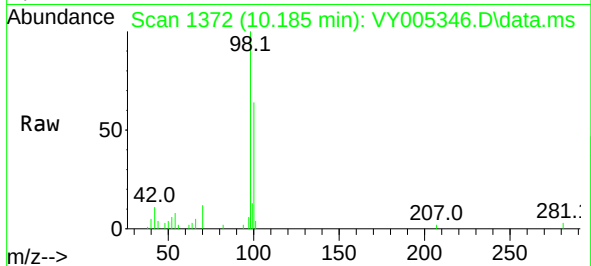




#50
Toluene-d8
Concen: 51.504 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

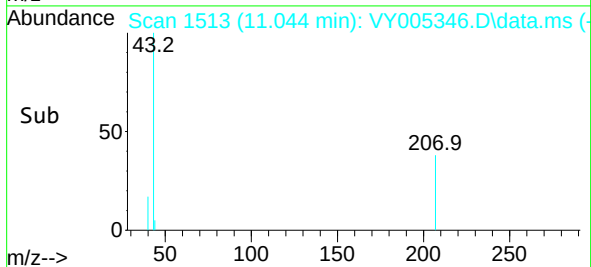
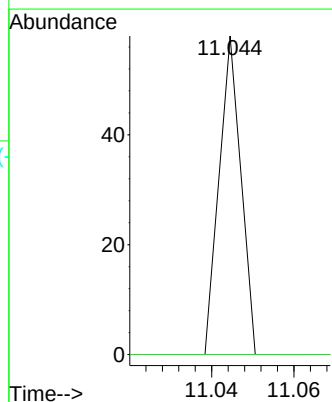
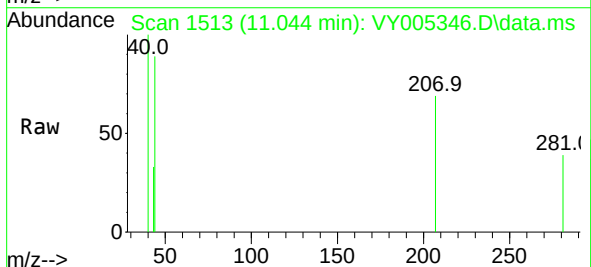
Instrument :
MSVOA_Y
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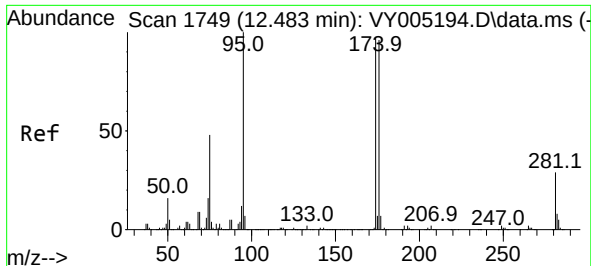
Tgt Ion: 98 Resp: 8152
Ion Ratio Lower Upper
98 100
100 62.3 51.9 77.9



#59
2-Hexanone
Concen: 1.041 ug/l
RT: 11.044 min Scan# 1513
Delta R.T. 0.207 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
58 0.0 30.8 92.4#

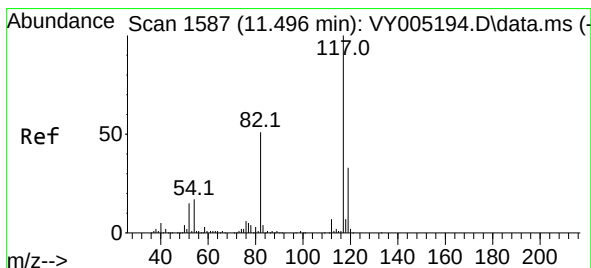
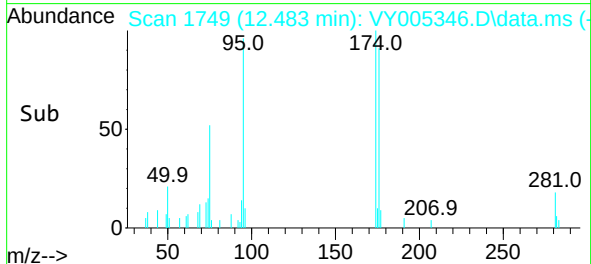
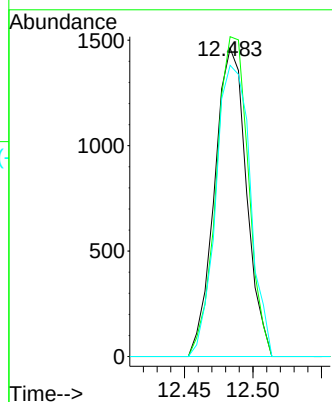
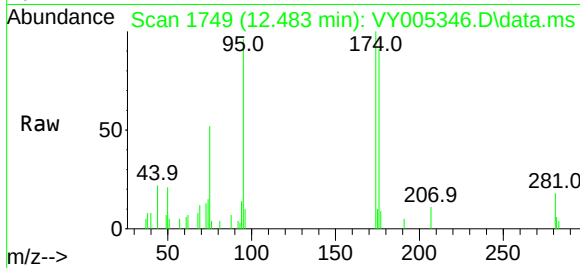




#62
4-Bromofluorobenzene
Concen: 44.954 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

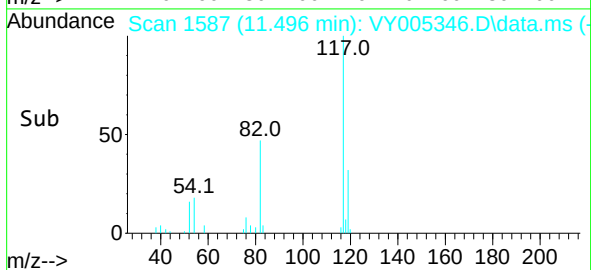
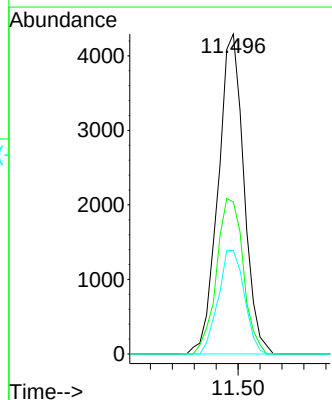
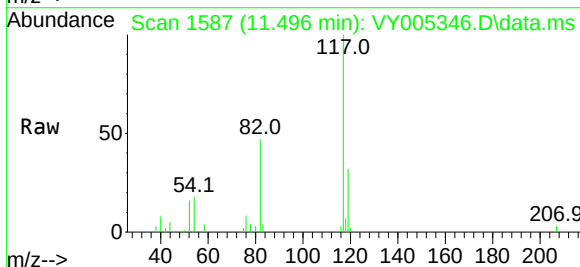
Instrument :
MSVOA_Y
ClientSampled :
VOC

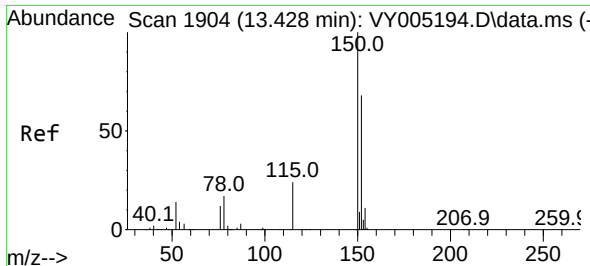
Tgt Ion:	95	Resp:	2371
Ion	Ratio	Lower	Upper
95	100		
174	103.8	0.0	201.6
176	101.4	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

Tgt Ion:	117	Resp:	6991
Ion	Ratio	Lower	Upper
117	100		
82	47.5	40.6	60.8
119	32.3	26.1	39.1



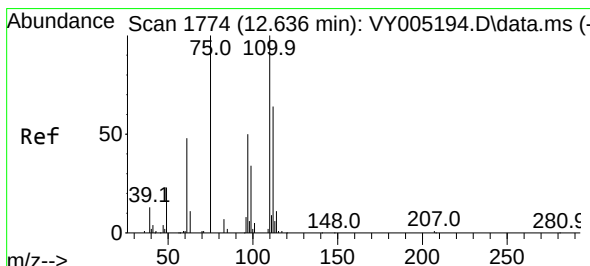
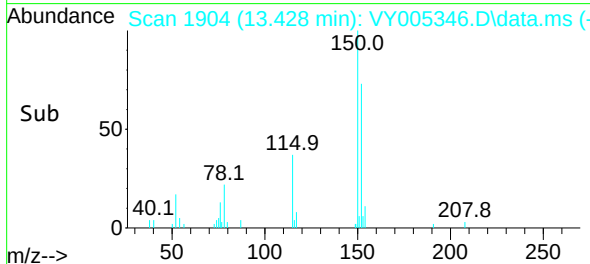
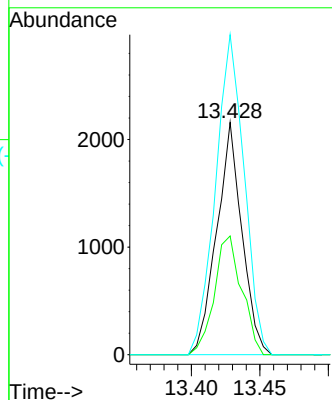
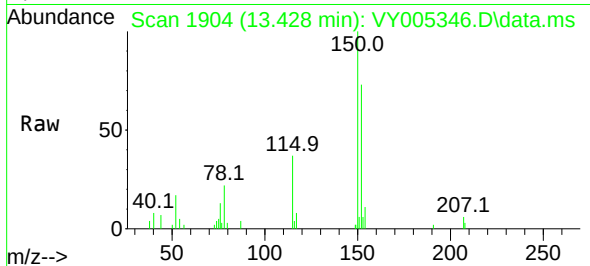


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005346.D
 Acq: 02 Jul 2021 16:41

Instrument :
 MSVOA_Y
 ClientSampled :
 VOC

Tgt Ion:152 Resp: 2773

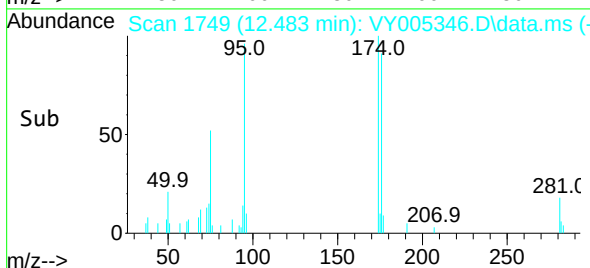
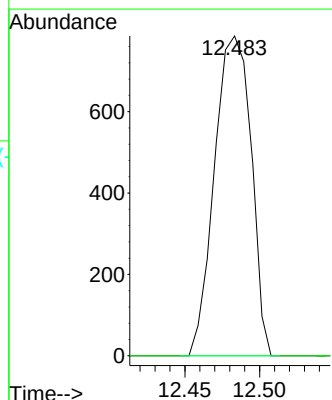
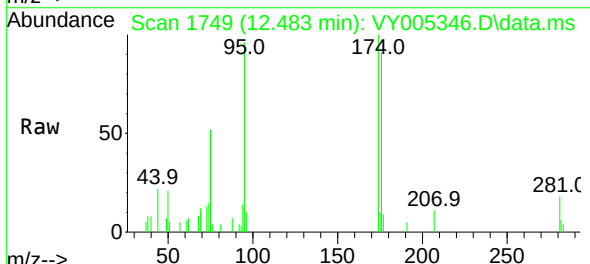
Ion	Ratio	Lower	Upper
152	100		
115	55.4	26.3	78.8
150	155.8	0.0	344.2

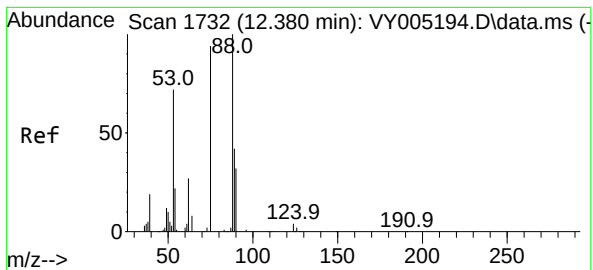


#76
 1,2,3-Trichloropropane
 Concen: 54.567 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005346.D
 Acq: 02 Jul 2021 16:41

Tgt Ion: 75 Resp: 1342

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.810 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005346.D
 Acq: 02 Jul 2021 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Tgt Ion: 75 Resp: 1342
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 38.0 57.0#

