

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004602.D
 Acq On : 23 Apr 2021 14:02
 Operator : SY/MD
 Sample : M2143-01
 Misc : 5.26G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 10:18:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

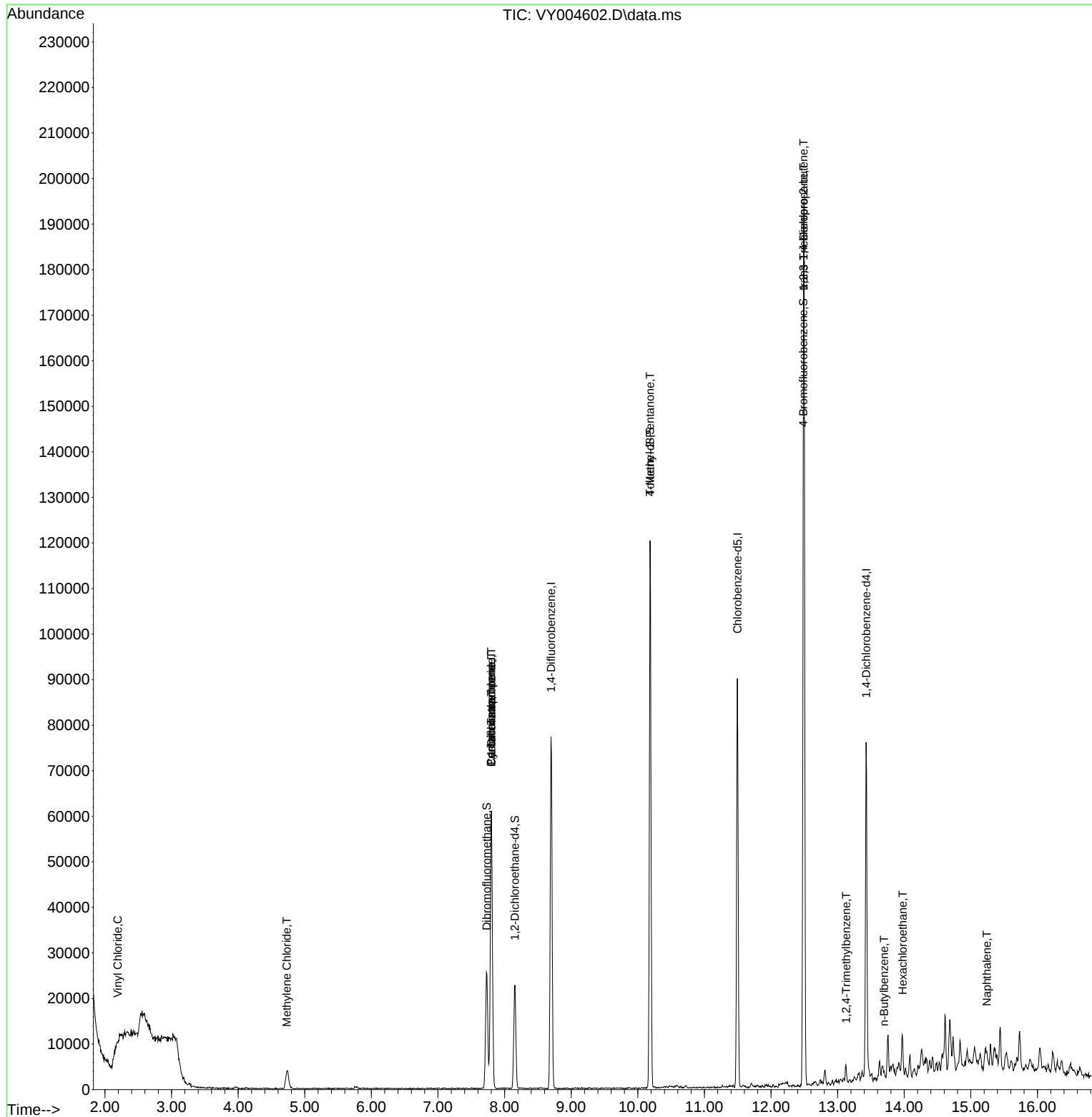
Internal Standards						
1) Pentafluorobenzene	7.801	168	44815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	62451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	44680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	17899	35.95	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	71.90%		
35) Dibromofluoromethane	7.734	113	17228	49.71	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.42%		
50) Toluene-d8	10.185	98	71919	48.79	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.58%		
62) 4-Bromofluorobenzene	12.483	95	18554	37.09	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	74.18%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.192	62	3181	5.02	ug/l #	43
16) Acetone	3.966	43	561	Below Cal	#	75
20) Methylene Chloride	4.729	84	2853	5.93	ug/l	88
31) Cyclohexane	7.801	56	1187	1.30	ug/l #	53
36) 1,1-Dichloropropene	7.801	75	3615	5.83	ug/l #	49
38) Carbon Tetrachloride	7.801	117	4737	8.83	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	517	1.33	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	11773	64.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	11773	115.02	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.129	105	2410	2.23	ug/l	92
89) n-Butylbenzene	13.696	91	1297	1.17	ug/l #	64
90) Hexachloroethane	13.977	117	247	1.58	ug/l #	13
95) Naphthalene	15.239	128	2204	3.13	ug/l	100

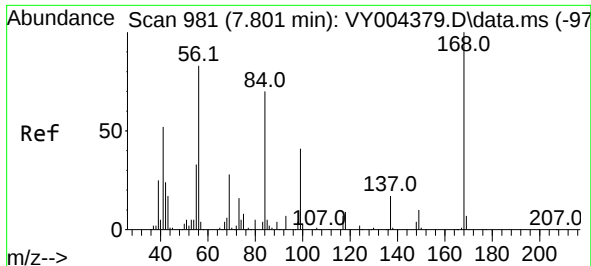
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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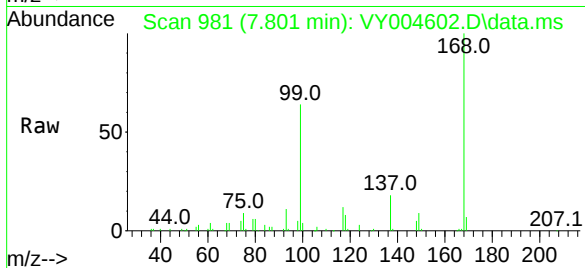
Quant Time: Apr 26 10:18:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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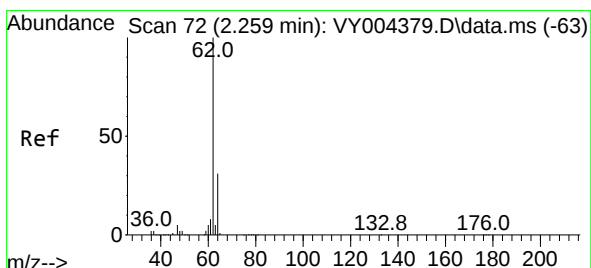
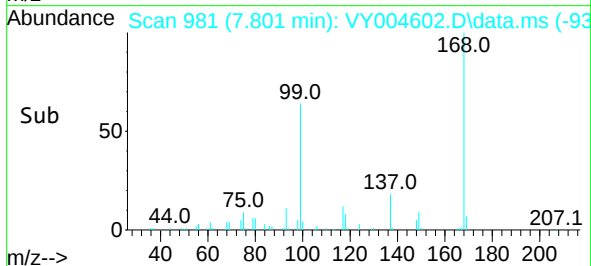
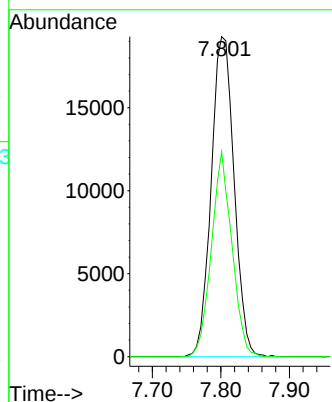


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

Instrument :
MSVOA_Y
ClientSampleId :

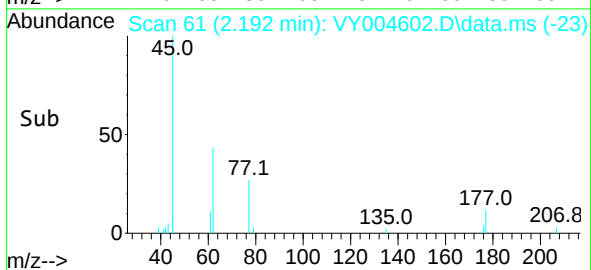
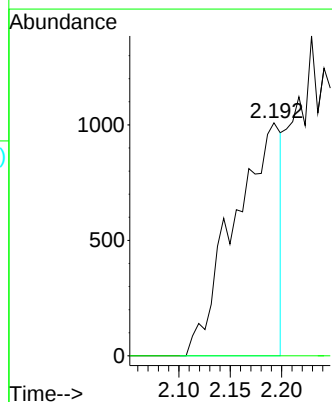
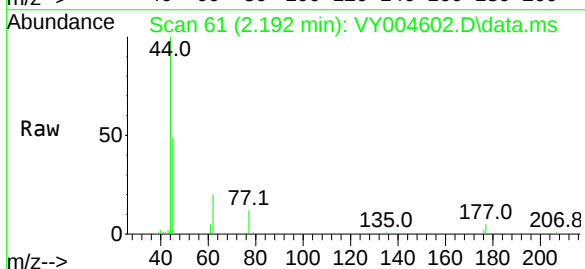


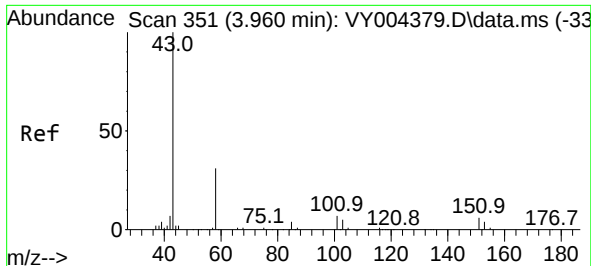
Tgt Ion:168 Resp: 44815
Ion Ratio Lower Upper
168 100
99 64.1 45.5 68.3



#4
Vinyl Chloride
Concen: 5.02 ug/l
RT: 2.192 min Scan# 61
Delta R.T. -0.067 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

Tgt Ion: 62 Resp: 3181
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

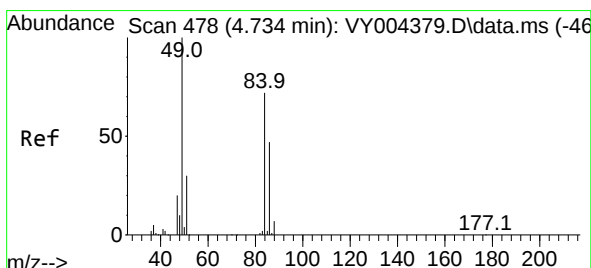
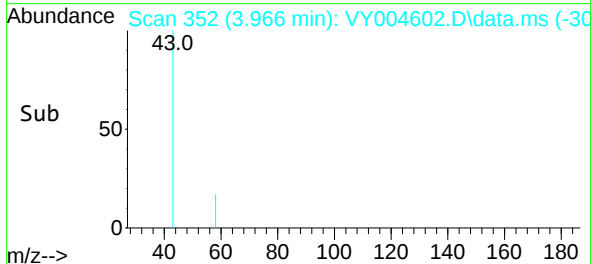
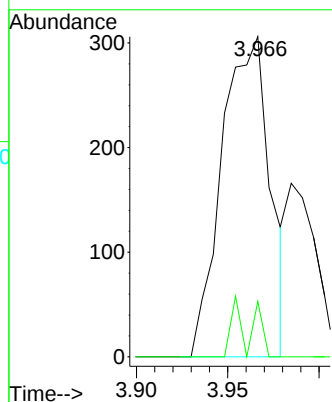
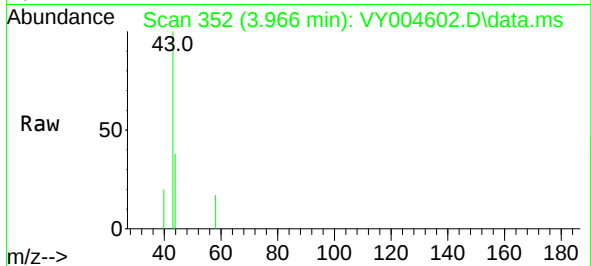




#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

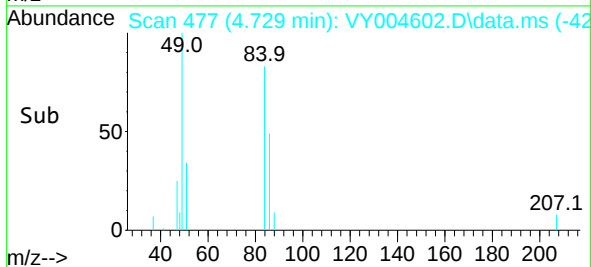
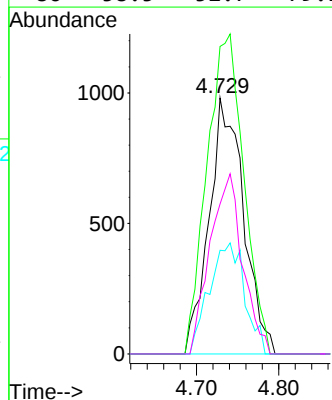
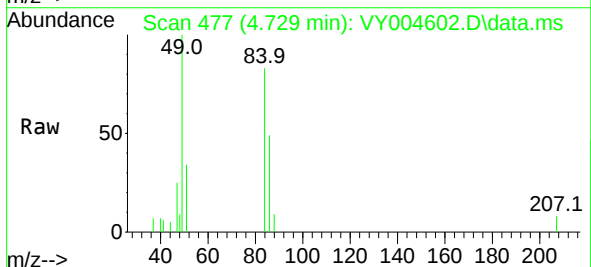
Instrument :
MSVOA_Y
ClientSampled :

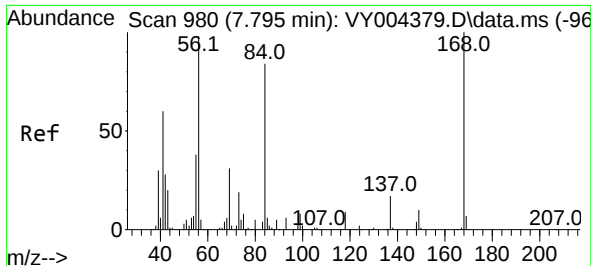
Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
58 17.3 24.6 37.0#



#20
Methylene Chloride
Concen: 5.93 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

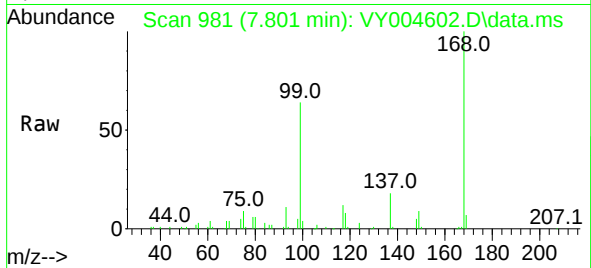
Tgt Ion: 84 Resp: 2853
Ion Ratio Lower Upper
84 100
49 120.1 111.2 166.8
51 40.5 33.4 50.2
86 58.5 52.7 79.1



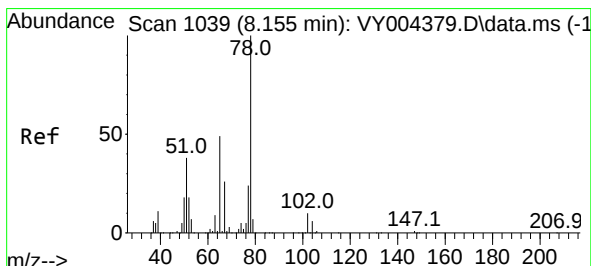
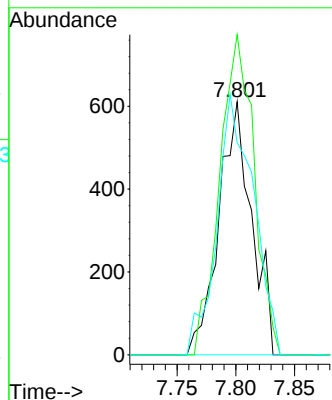
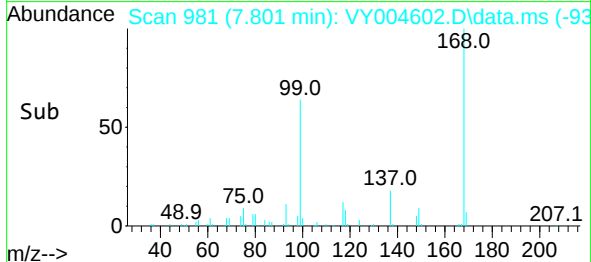


#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

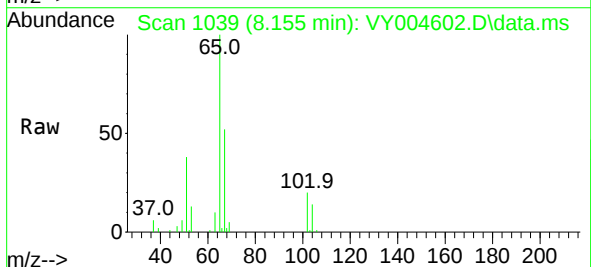
Instrument :
MSVOA_Y
ClientSampleId :



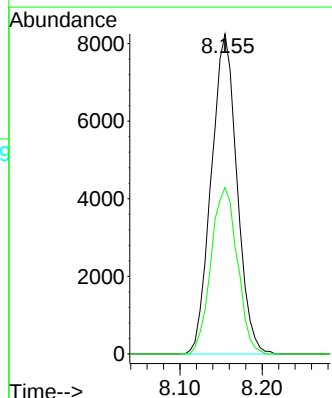
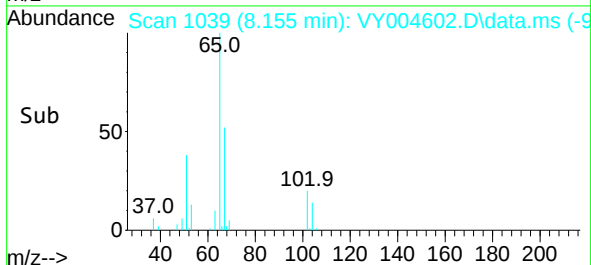
Tgt Ion: 56 Resp: 1187
Ion Ratio Lower Upper
56 100
69 126.5 25.8 38.6#
84 83.8 68.2 102.4

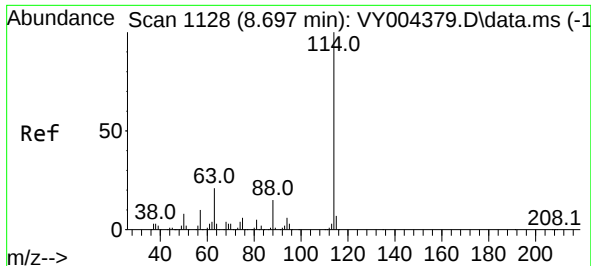


#33
1,2-Dichloroethane-d4
Concen: 35.95 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02



Tgt Ion: 65 Resp: 17899
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.4

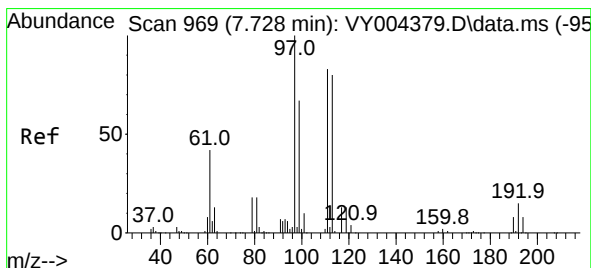
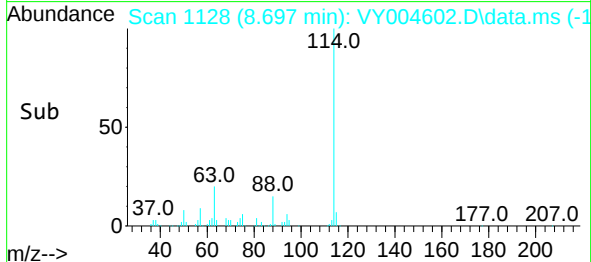
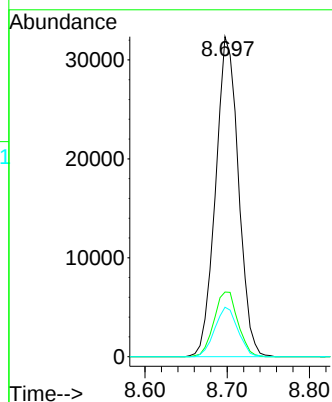
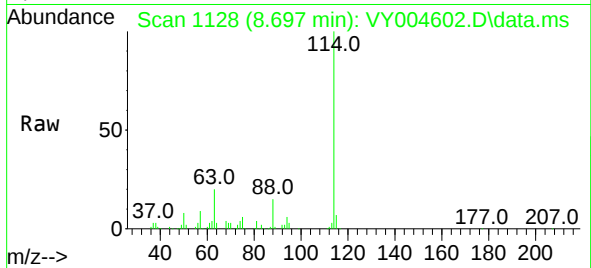




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

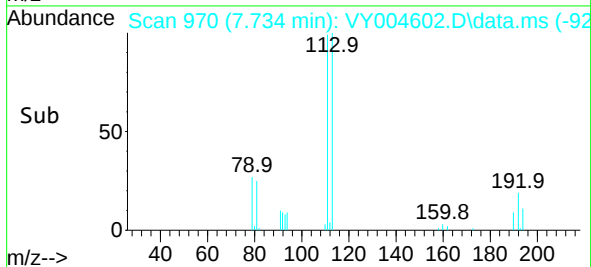
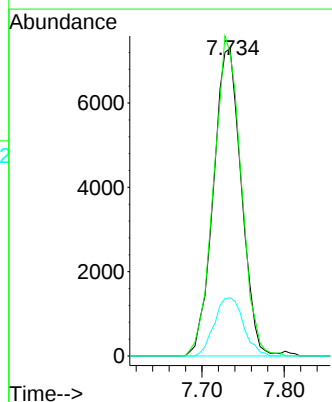
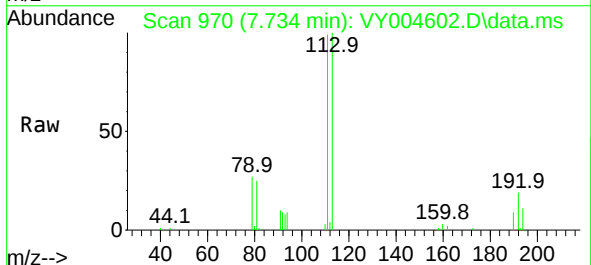
Instrument :
MSVOA_Y
ClientSampled :

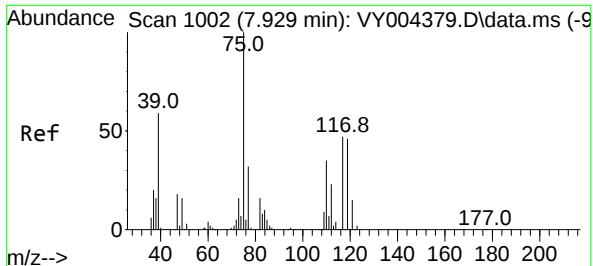
Tgt Ion:	114	Resp:	62451
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	42.4
88	15.5	0.0	30.8



#35
Dibromofluoromethane
Concen: 49.71 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

Tgt Ion:	113	Resp:	17228
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.6	123.8
192	19.6	16.1	24.1





#36

1,1-Dichloropropene

Concen: 5.83 ug/l

RT: 7.801 min Scan# 981

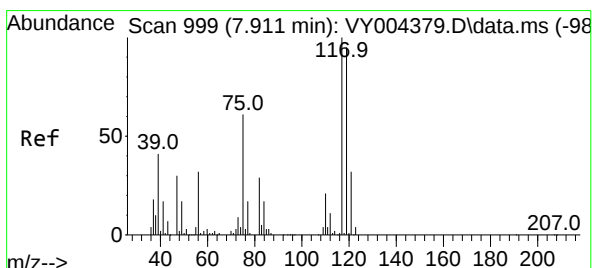
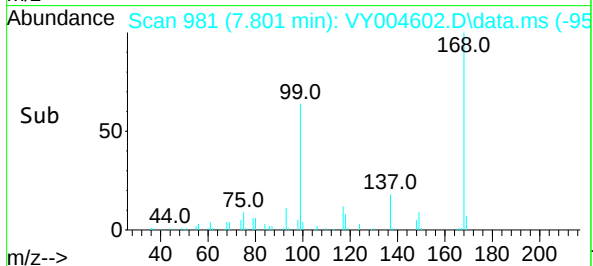
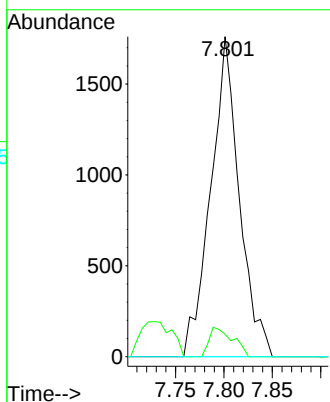
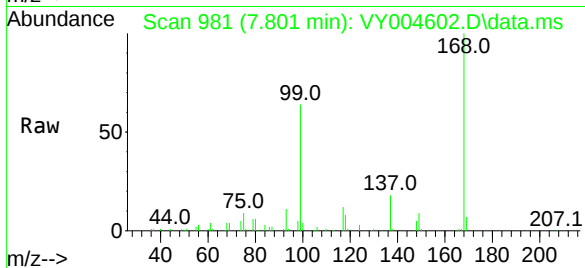
Delta R.T. -0.128 min

Lab File: VY004602.D

Acq: 23 Apr 2021 14:02

Tgt Ion: 75	Resp: 3615
Ion Ratio	Lower Upper
75	100
110	7.5 17.3 51.7#
77	0.0 24.3 36.5#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 8.83 ug/l

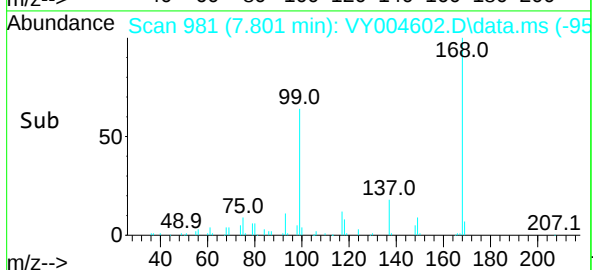
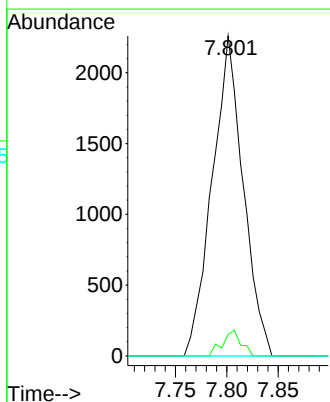
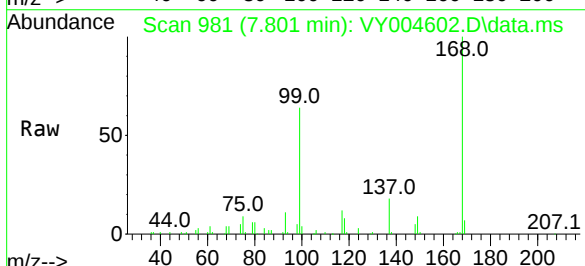
RT: 7.801 min Scan# 981

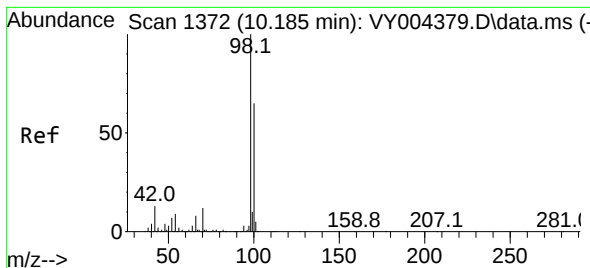
Delta R.T. -0.109 min

Lab File: VY004602.D

Acq: 23 Apr 2021 14:02

Tgt Ion: 117	Resp: 4737
Ion Ratio	Lower Upper
117	100
119	6.6 75.8 113.8#
121	0.0 25.3 37.9#

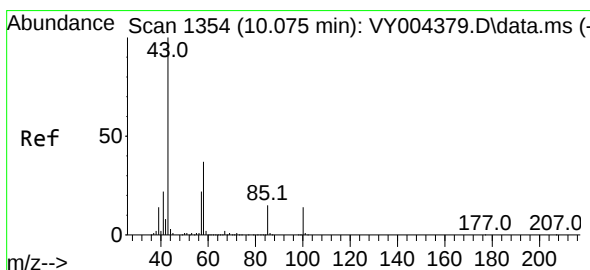
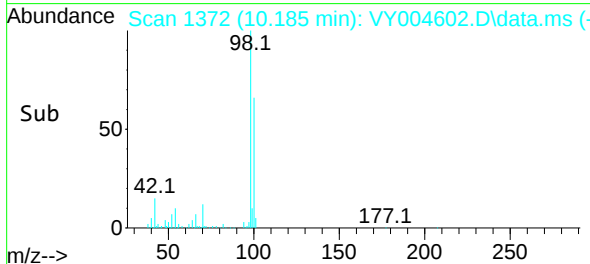
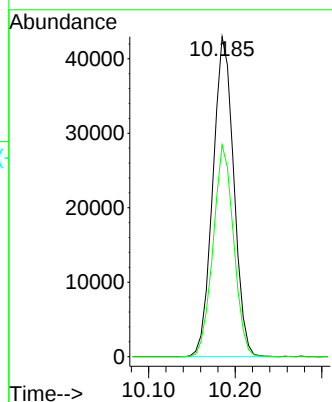
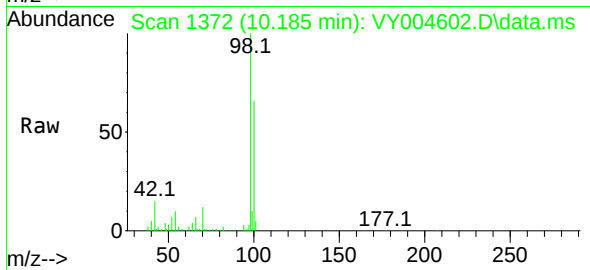




#50
Toluene-d8
Concen: 48.79 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

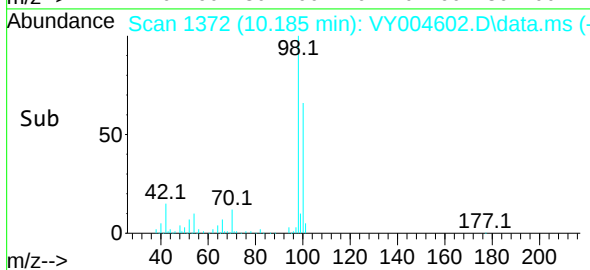
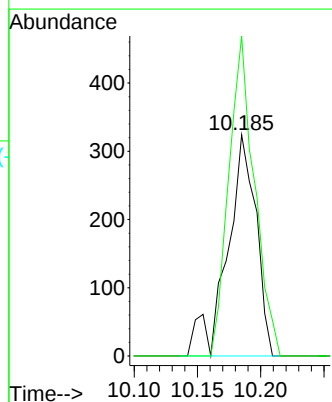
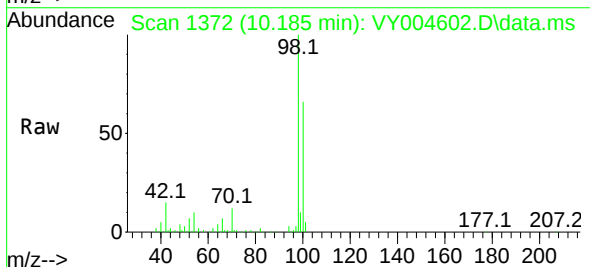
Instrument :
MSVOA_Y
ClientSampled :

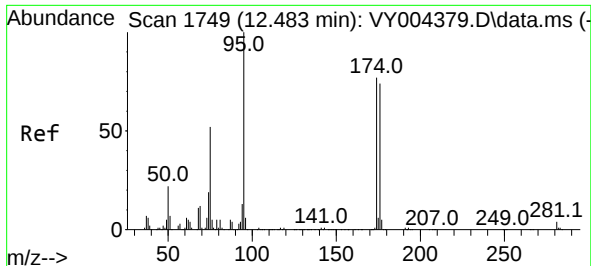
Tgt Ion: 98 Resp: 71919
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.33 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

Tgt Ion: 43 Resp: 517
Ion Ratio Lower Upper
43 100
58 127.9 29.2 43.8#

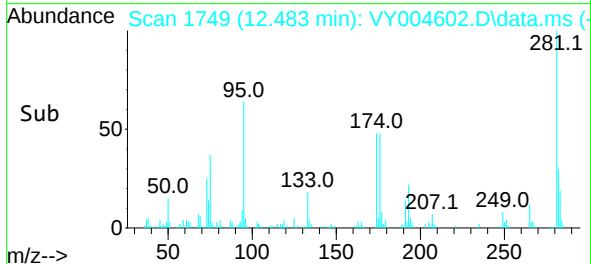
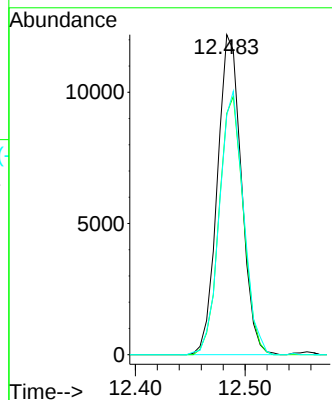
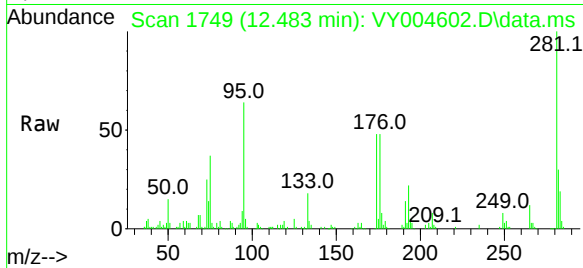




#62
4-Bromofluorobenzene
Concen: 37.09 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

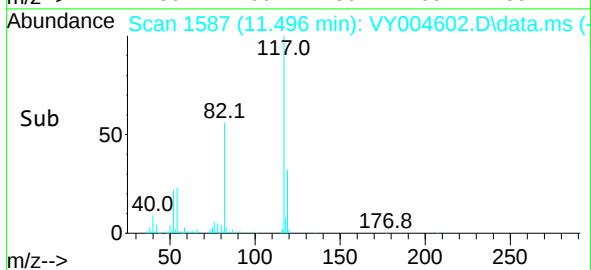
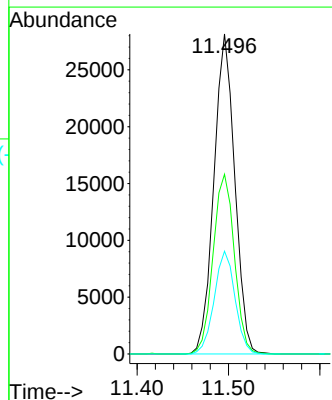
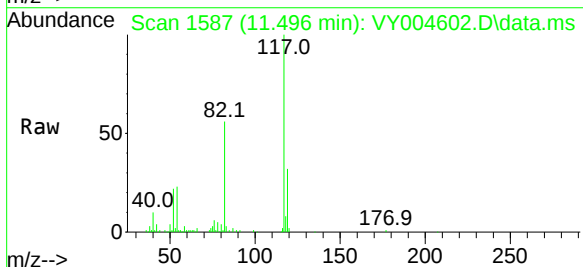
Instrument :
MSVOA_Y
ClientSampleId :

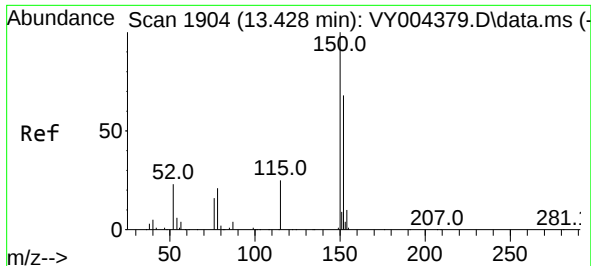
Tgt Ion: 95 Resp: 18554
Ion Ratio Lower Upper
95 100
174 81.2 0.0 162.4
176 82.6 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

Tgt Ion: 117 Resp: 44680
Ion Ratio Lower Upper
117 100
82 56.2 44.9 67.3
119 32.1 25.4 38.0

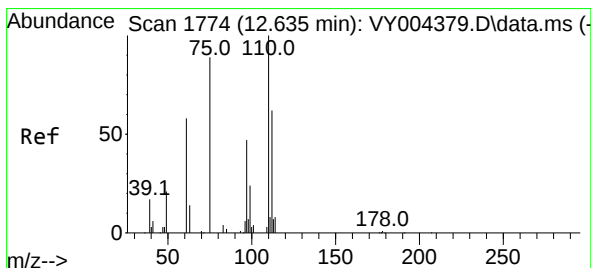
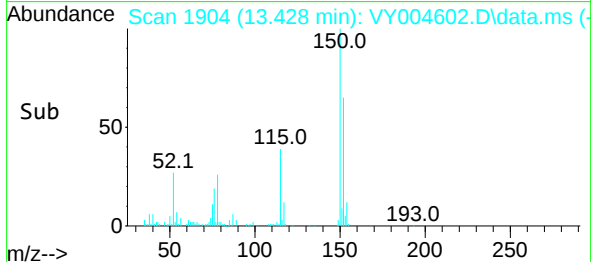
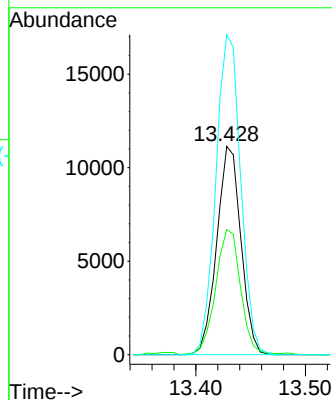
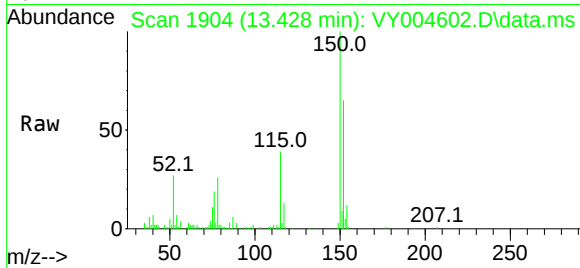




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

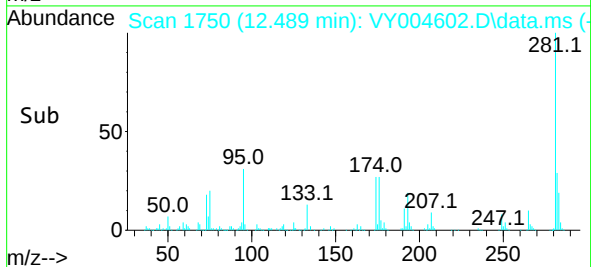
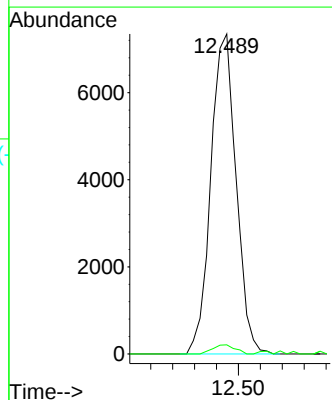
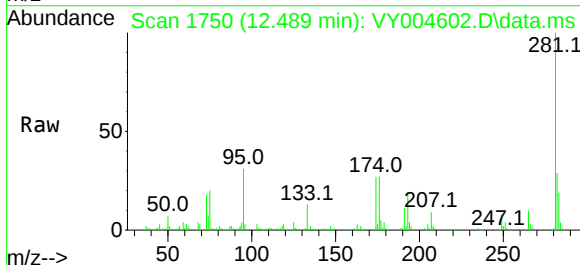
Instrument :
MSVOA_Y
ClientSampleId :

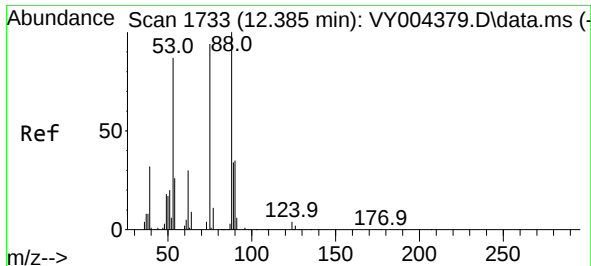
Tgt Ion:152 Resp: 17061
Ion Ratio Lower Upper
152 100
115 62.4 29.6 88.8
150 157.8 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 64.29 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

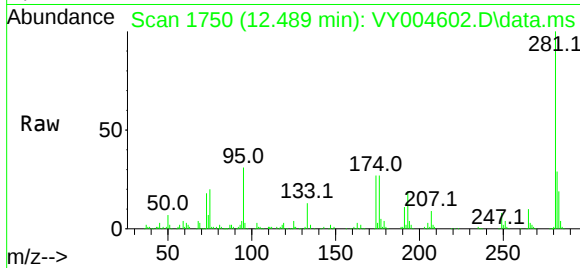
Tgt Ion: 75 Resp: 11773
Ion Ratio Lower Upper
75 100
77 2.6 0.0 0.0#



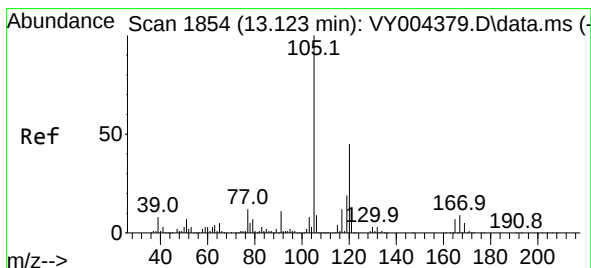
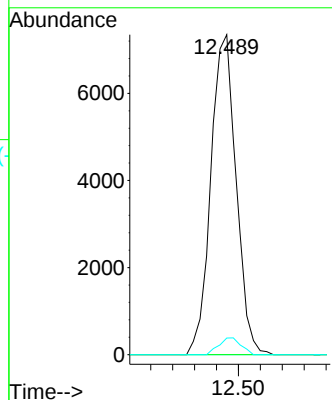
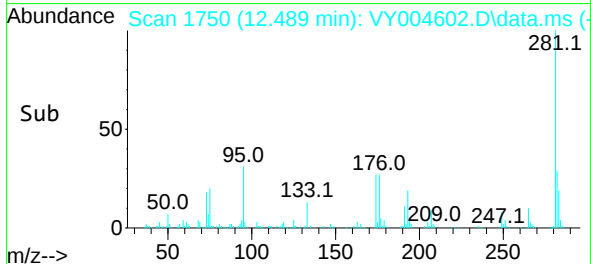


#81
trans-1,4-Dichloro-2-butene
Concen: 115.02 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

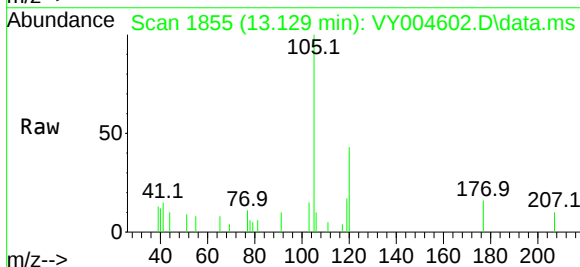
Instrument :
MSVOA_Y
ClientSampleId :



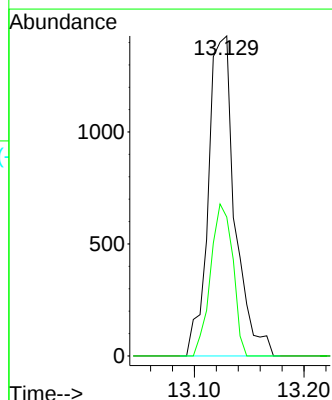
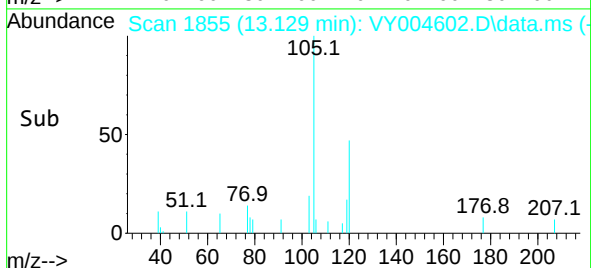
Tgt Ion: 75 Resp: 11773
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 4.6 36.1 54.1#

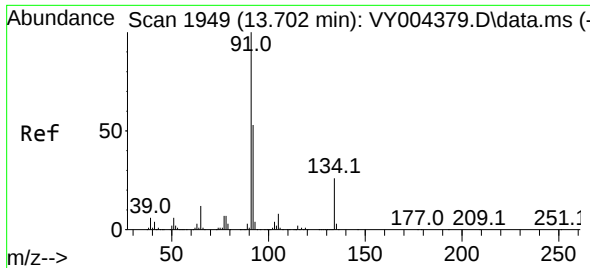


#84
1,2,4-Trimethylbenzene
Concen: 2.23 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02



Tgt Ion: 105 Resp: 2410
Ion Ratio Lower Upper
105 100
120 39.7 22.4 67.3

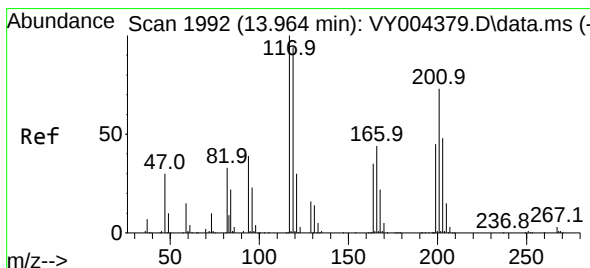
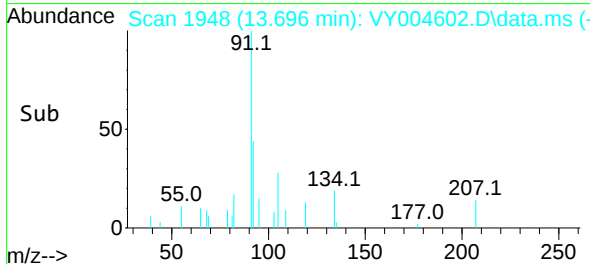
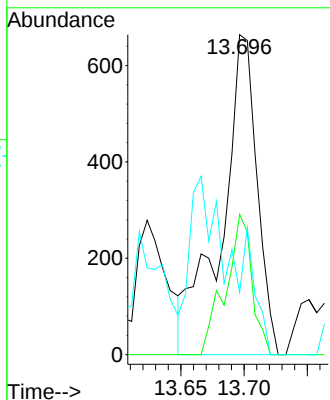
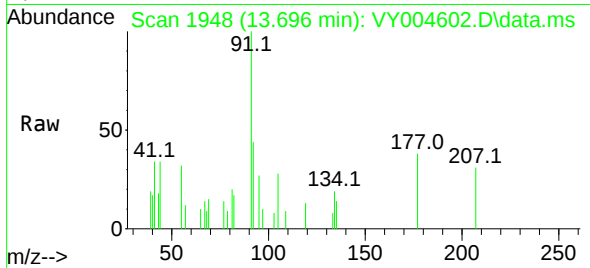




#89
n-Butylbenzene
Concen: 1.17 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

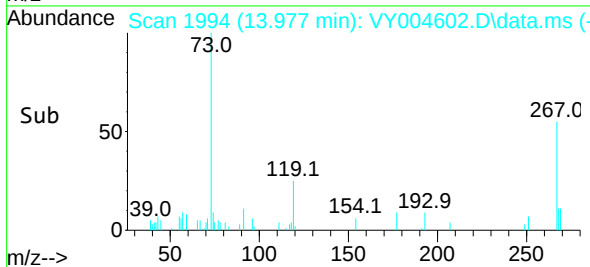
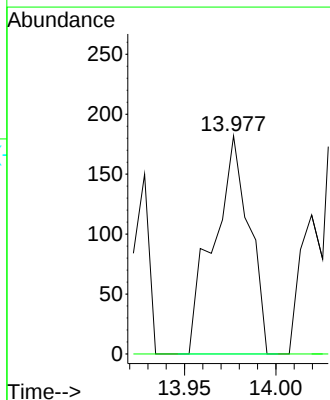
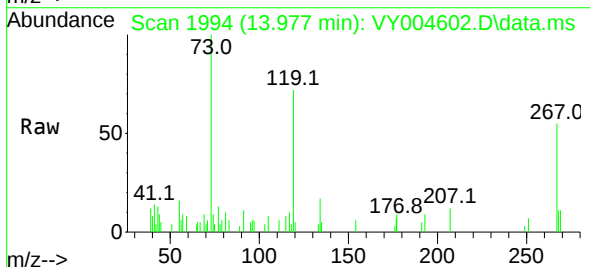
Instrument :
MSVOA_Y
ClientSampled :

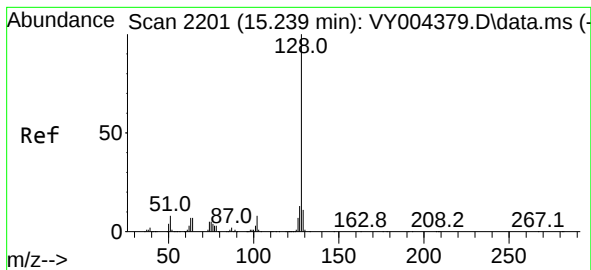
Tgt Ion: 91 Resp: 1297
Ion Ratio Lower Upper
91 100
92 32.6 26.6 79.8
134 0.0 12.7 38.1#



#90
Hexachloroethane
Concen: 1.58 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

Tgt Ion: 117 Resp: 247
Ion Ratio Lower Upper
117 100
201 0.0 36.6 109.9#





#95
Naphthalene
Concen: 3.13 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 2204
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.4 8.8 13.2

