

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004959.D
 Acq On : 04 Jun 2021 13:12
 Operator : SY/MD
 Sample : M2597-01
 Misc : 5.57G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124019

Quant Time: Jun 05 01:32:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

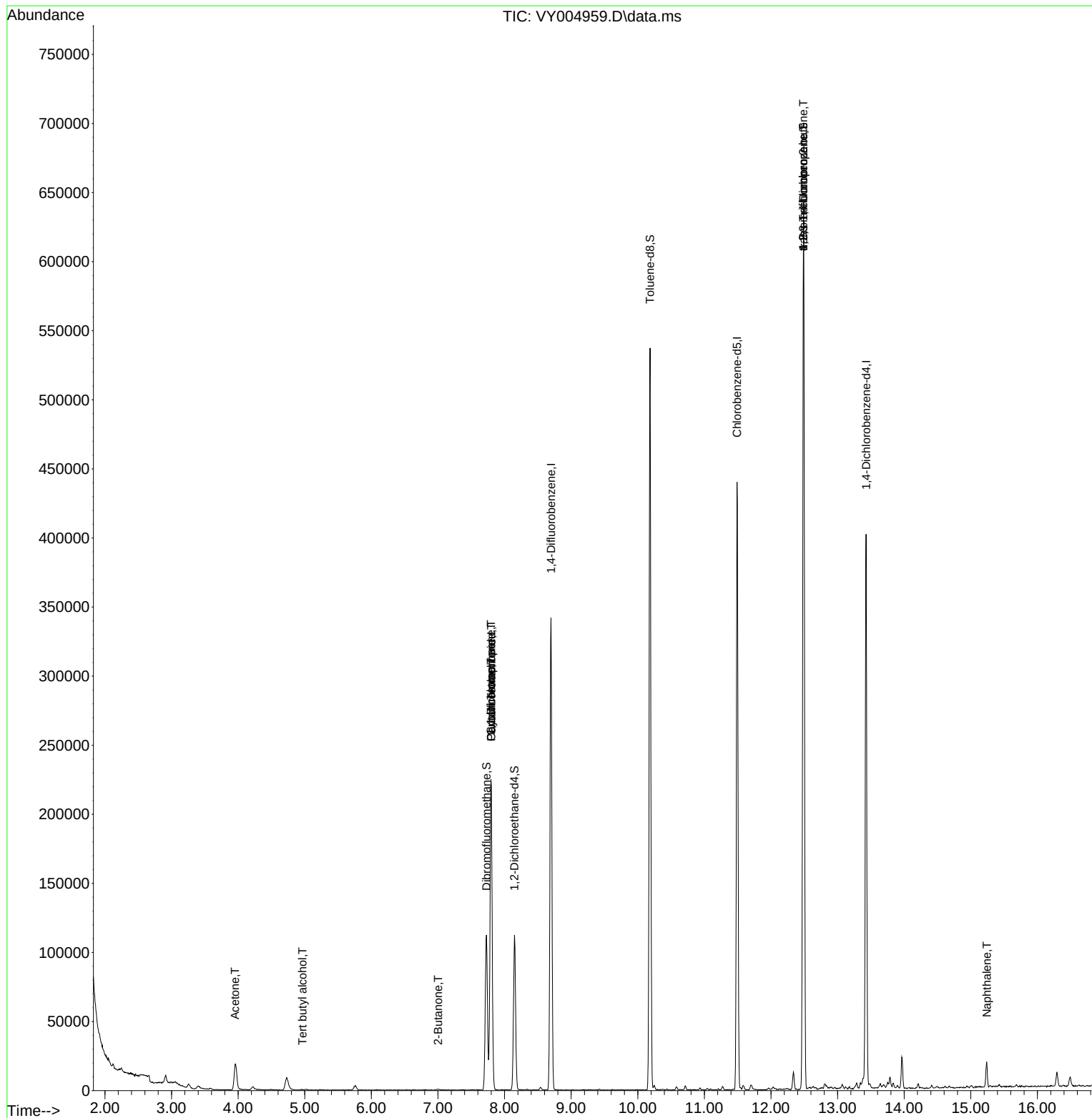
Internal Standards						
1) Pentafluorobenzene	7.801	168	168009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	280737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	230289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84236	47.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.860%
35) Dibromofluoromethane	7.728	113	78690	52.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.200%
50) Toluene-d8	10.185	98	338167	53.909	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.820%
62) 4-Bromofluorobenzene	12.483	95	99391	46.071	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	537	2.629	ug/l #	74
16) Acetone	3.954	43	34585	80.888	ug/l	98
20) Methylene Chloride	4.729	84	6249	Below Cal		96
25) 2-Butanone	7.003	43	1263	1.757	ug/l #	77
31) Cyclohexane	7.795	56	4079	1.304	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14352	5.224	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17613	7.366	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	55765	52.455	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55765	96.401	ug/l #	16
95) Naphthalene	15.239	128	13880	3.652	ug/l	99

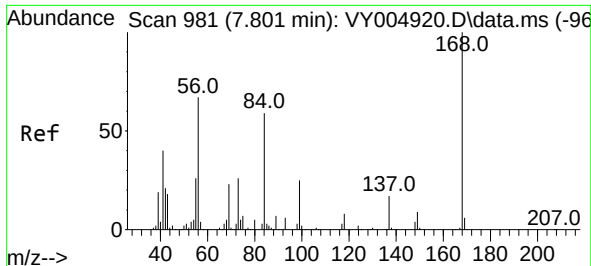
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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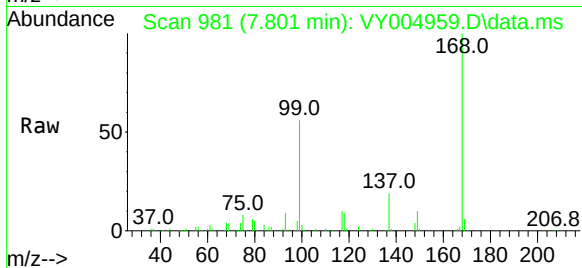
Quant Time: Jun 05 01:32:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
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QLast Update : Thu Jun 03 04:43:33 2021
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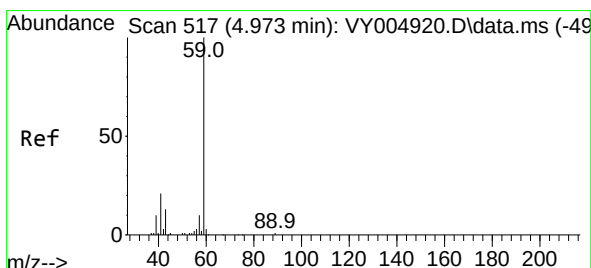
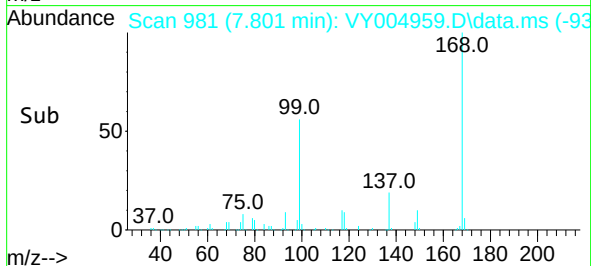
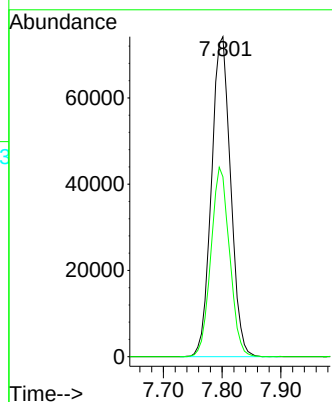


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004959.D
Acq: 04 Jun 2021 13:12

Instrument :
MSVOA_Y
ClientSampleId :
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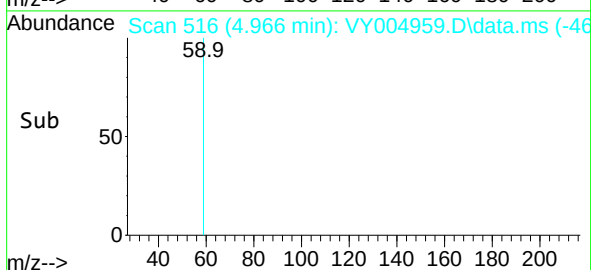
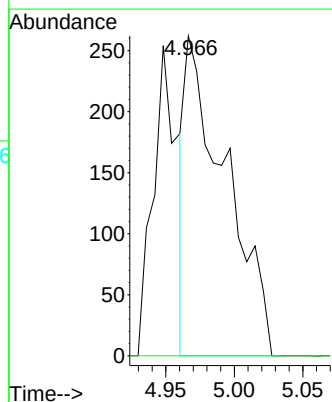
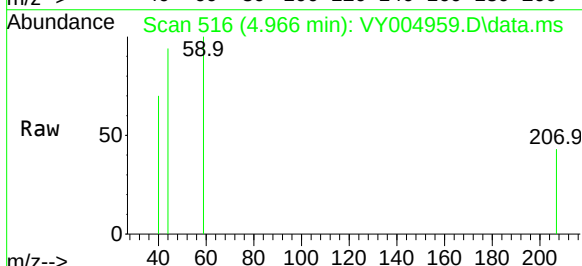


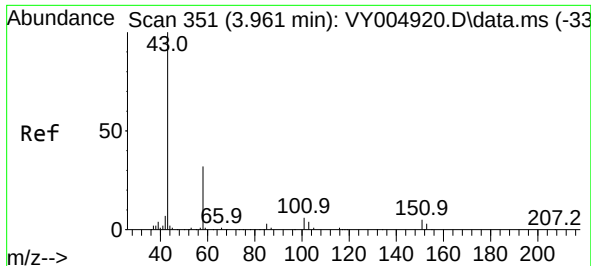
Tgt Ion:168 Resp: 168009
Ion Ratio Lower Upper
168 100
99 56.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.629 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY004959.D
Acq: 04 Jun 2021 13:12

Tgt Ion: 59 Resp: 537
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

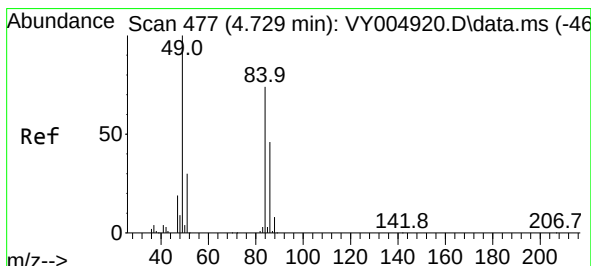
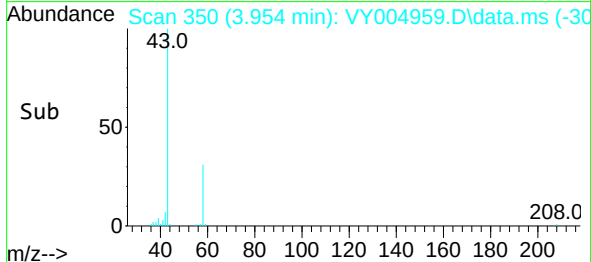
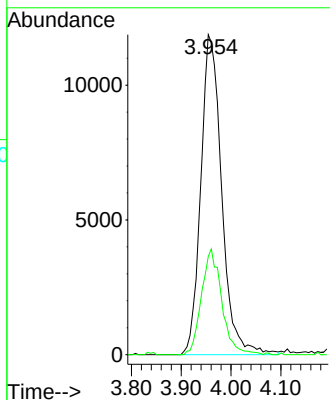
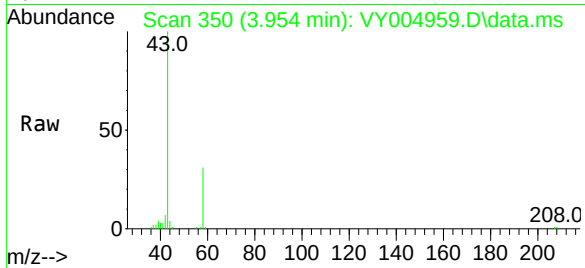




#16
Acetone
Concen: 80.888 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004959.D
Acq: 04 Jun 2021 13:12

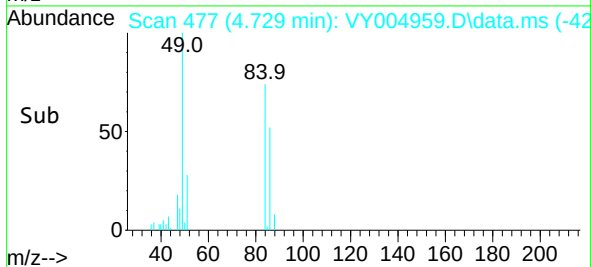
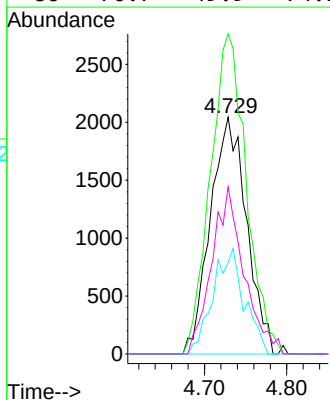
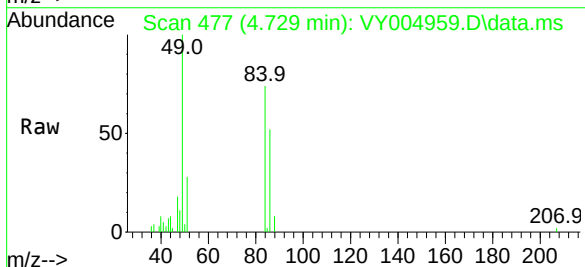
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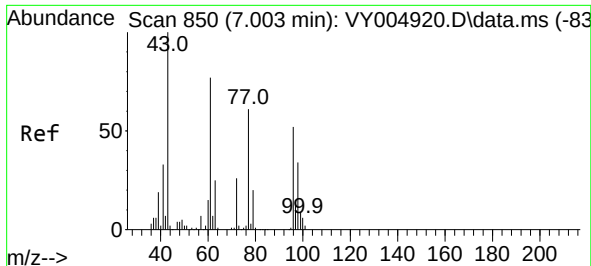
Tgt Ion: 43 Resp: 34585
Ion Ratio Lower Upper
43 100
58 30.7 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY004959.D
Acq: 04 Jun 2021 13:12

Tgt Ion: 84 Resp: 6249
Ion Ratio Lower Upper
84 100
49 135.2 108.0 162.0
51 38.5 32.6 48.8
86 70.7 49.9 74.9

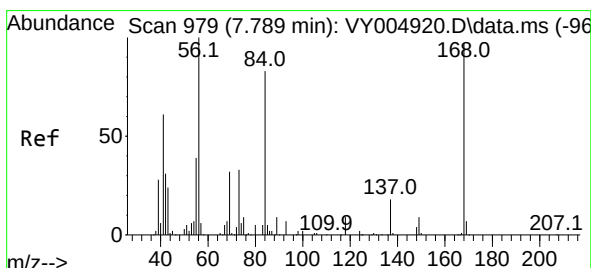
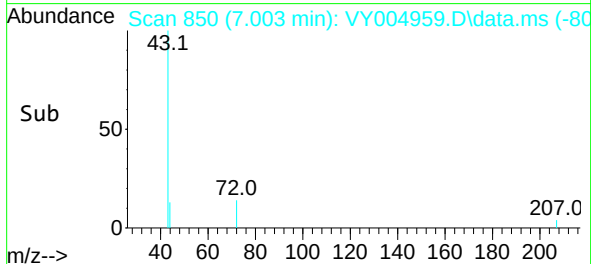
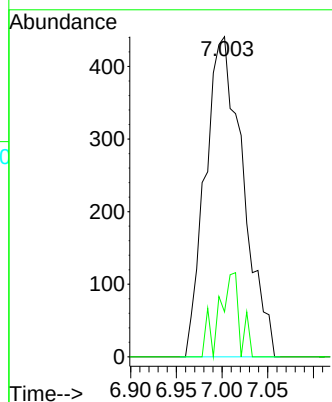
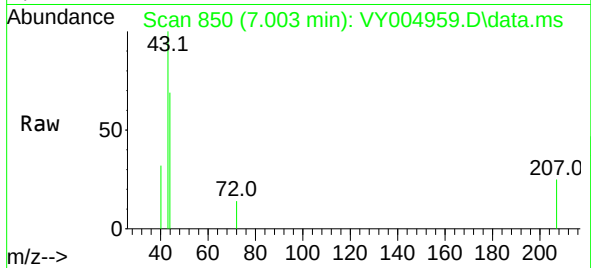




#25
2-Butanone
Concen: 1.757 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY004959.D
Acq: 04 Jun 2021 13:12

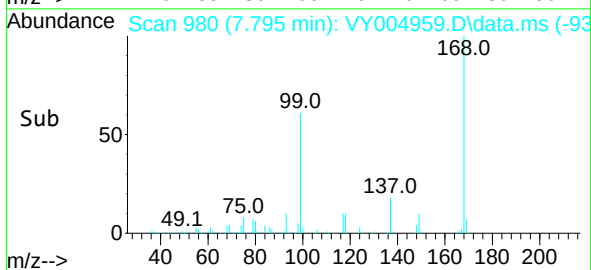
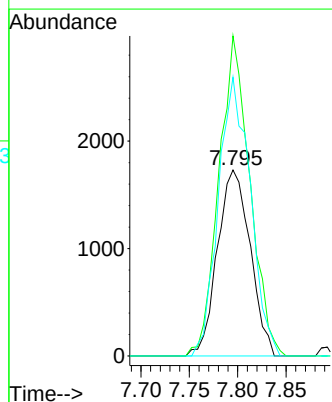
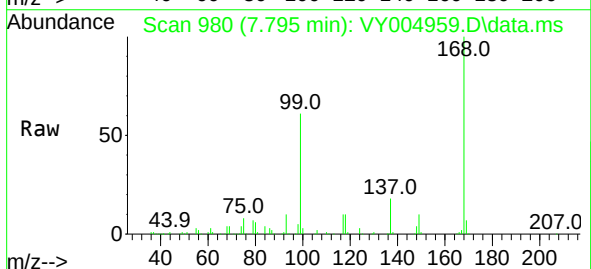
Instrument :
MSVOA_Y
ClientSampleId :
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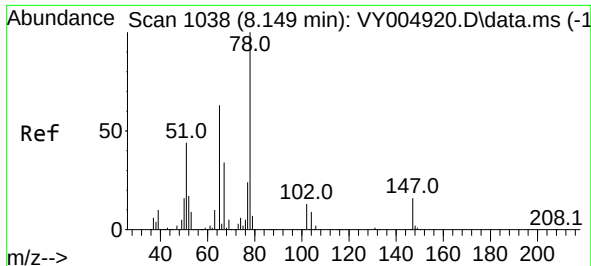
Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
72 14.1 20.6 31.0#



#31
Cyclohexane
Concen: 1.304 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004959.D
Acq: 04 Jun 2021 13:12

Tgt Ion: 56 Resp: 4079
Ion Ratio Lower Upper
56 100
69 172.1 25.3 37.9#
84 149.9 66.2 99.4#

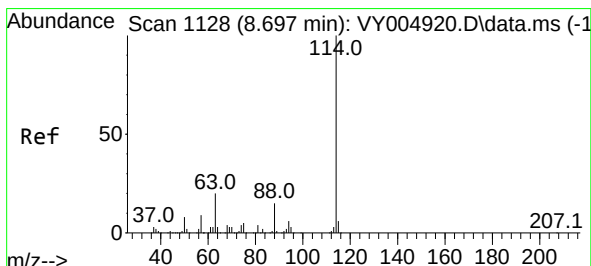
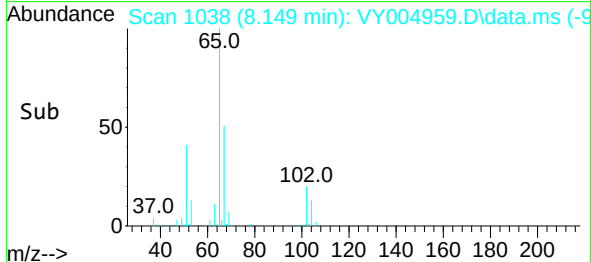
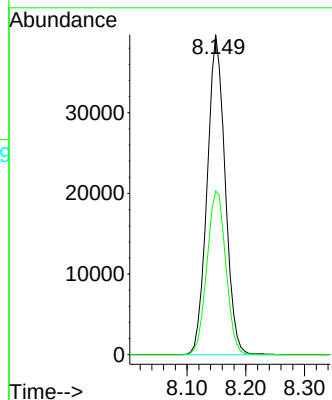
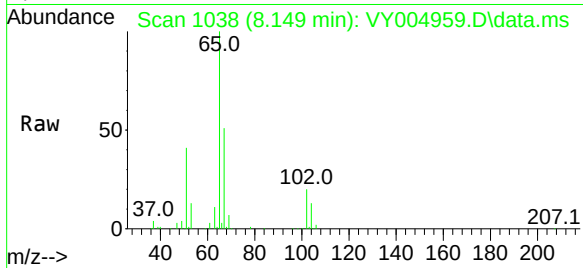




#33
 1,2-Dichloroethane-d4
 Concen: 47.426 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY004959.D
 Acq: 04 Jun 2021 13:12

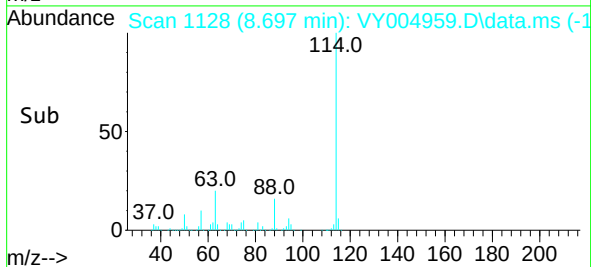
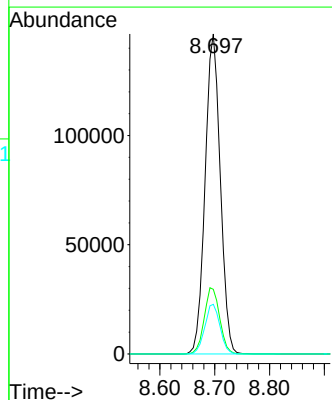
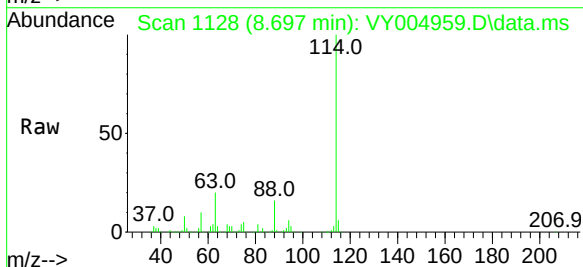
Instrument :
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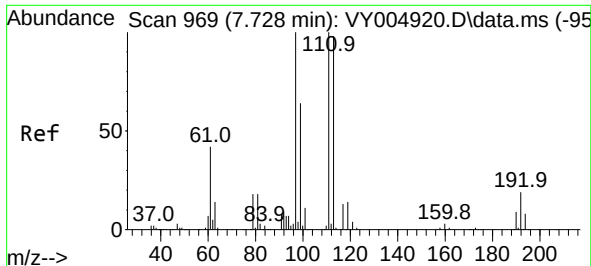
Tgt Ion: 65 Resp: 84236
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY004959.D
 Acq: 04 Jun 2021 13:12

Tgt Ion: 114 Resp: 280737
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.0
 88 15.5 0.0 30.6

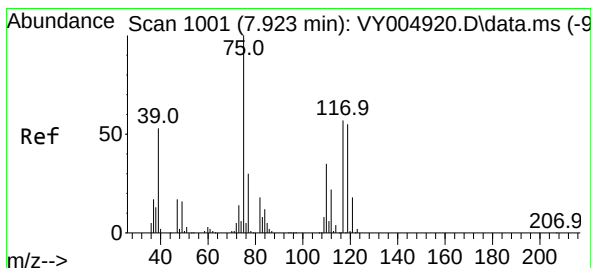
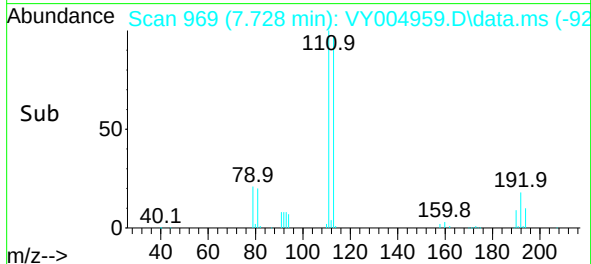
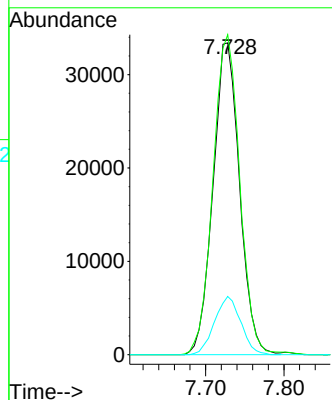
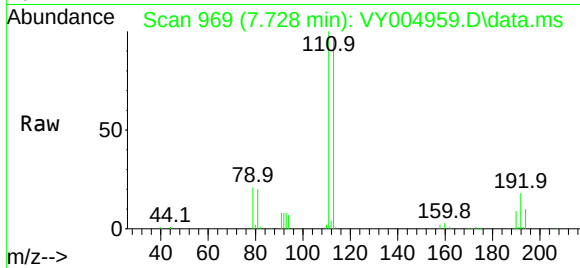




#35
Dibromofluoromethane
Concen: 52.099 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004959.D
Acq: 04 Jun 2021 13:12

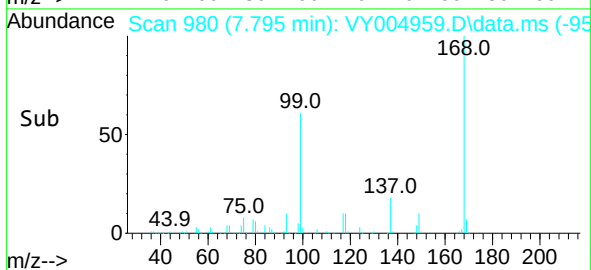
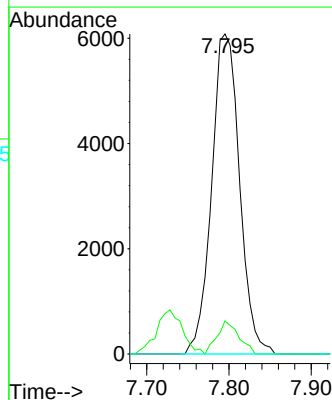
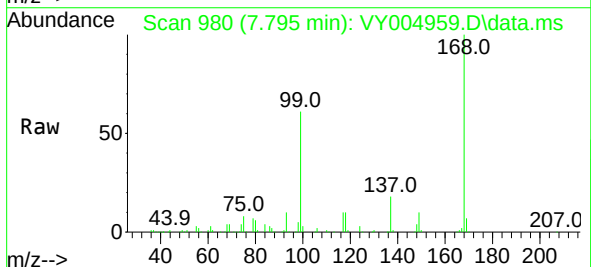
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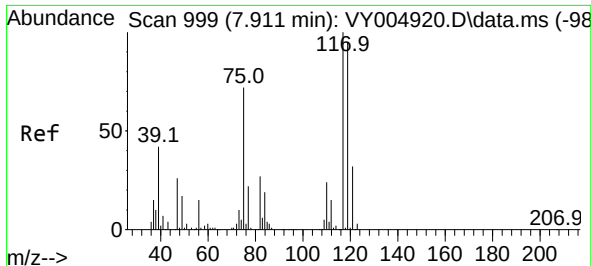
Tgt Ion:	113	Resp:	78690
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.8
192	18.4	15.3	22.9



#36
1,1-Dichloropropene
Concen: 5.224 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004959.D
Acq: 04 Jun 2021 13:12

Tgt Ion:	75	Resp:	14352
Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.5	52.5#
77	0.0	25.1	37.7#

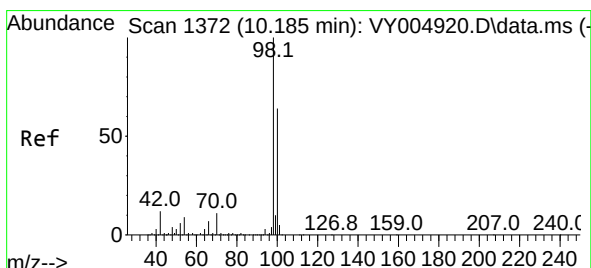
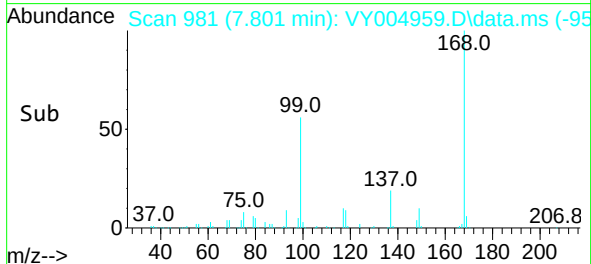
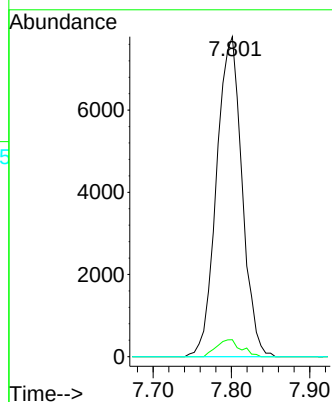
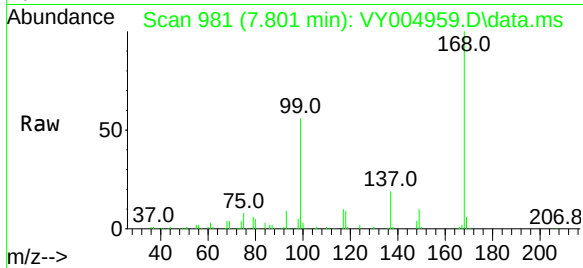




#38
Carbon Tetrachloride
Concen: 7.366 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004959.D
Acq: 04 Jun 2021 13:12

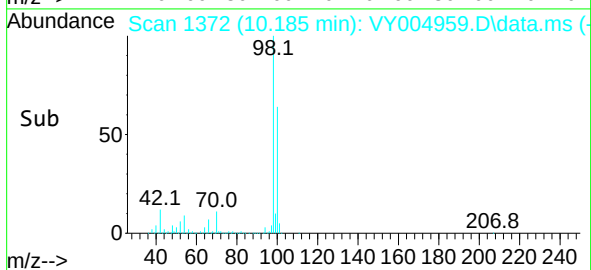
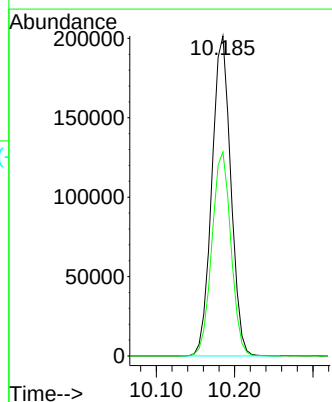
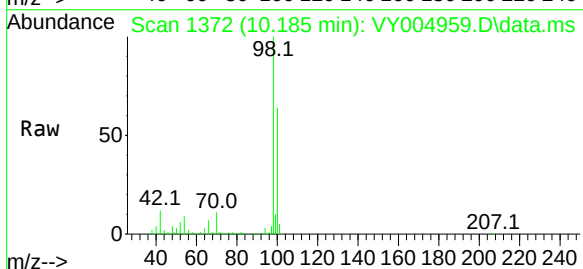
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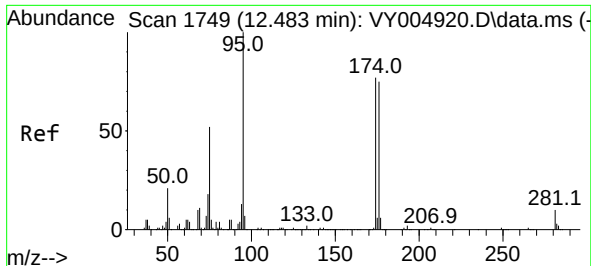
Tgt Ion:117 Resp: 17613
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 53.909 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004959.D
Acq: 04 Jun 2021 13:12

Tgt Ion: 98 Resp: 338167
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

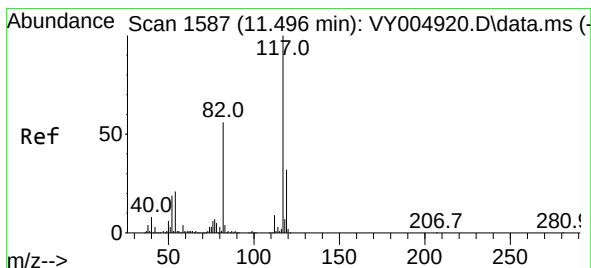
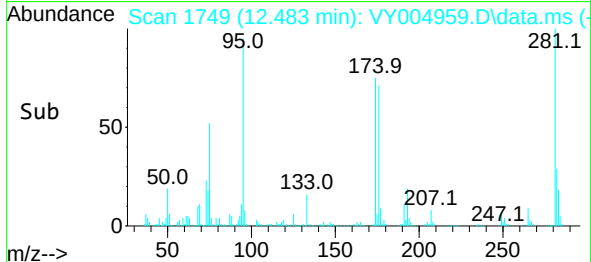
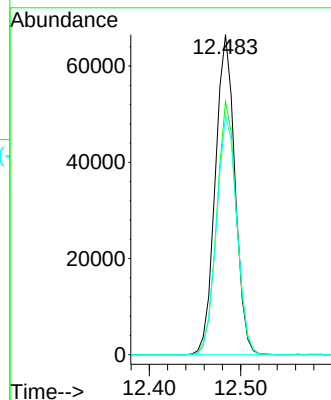
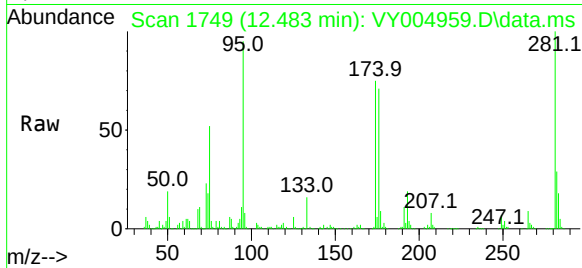




#62
4-Bromofluorobenzene
Concen: 46.071 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004959.D
Acq: 04 Jun 2021 13:12

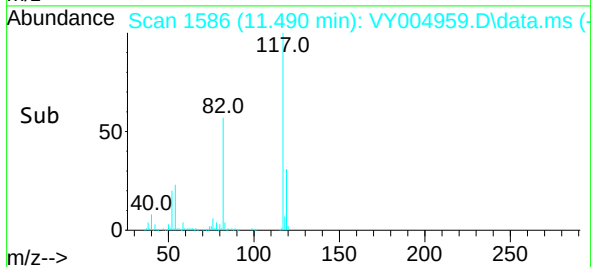
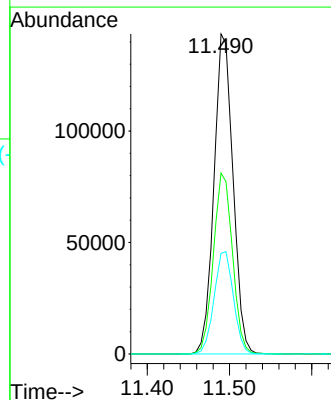
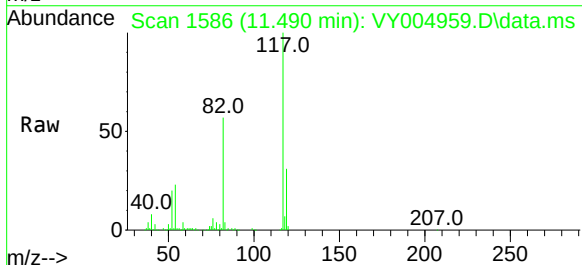
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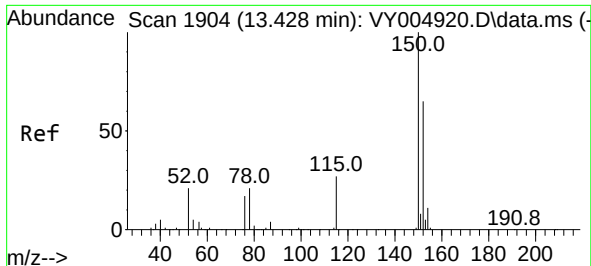
Tgt Ion:	95	Resp:	99391
Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	160.8
176	77.5	0.0	155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004959.D
Acq: 04 Jun 2021 13:12

Tgt Ion:	117	Resp:	230289
Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.8	67.2
119	31.5	25.2	37.8

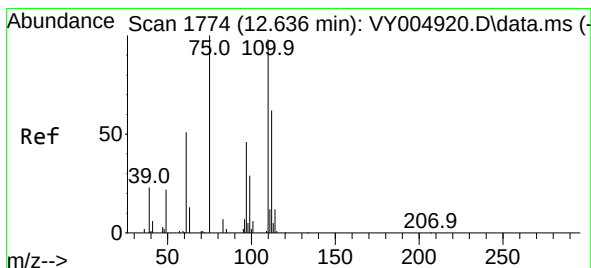
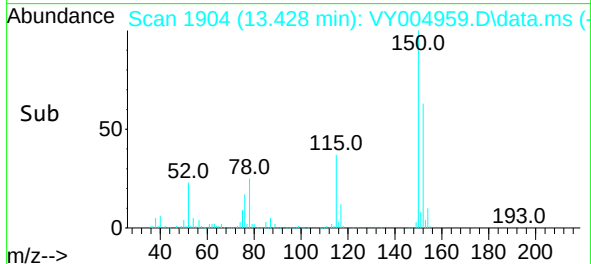
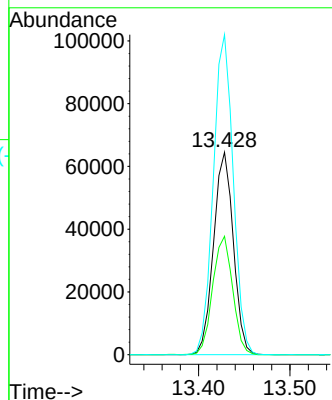
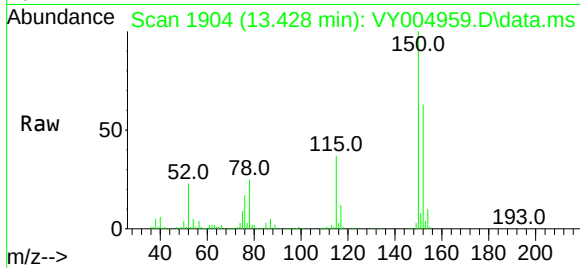




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004959.D
 Acq: 04 Jun 2021 13:12

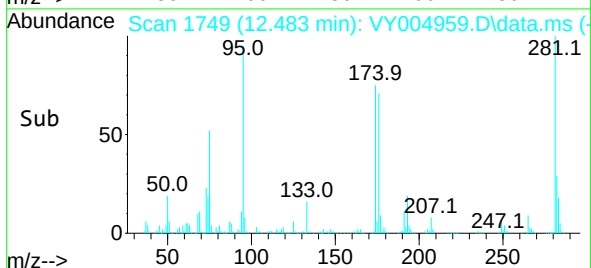
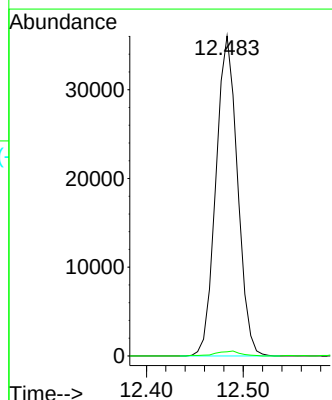
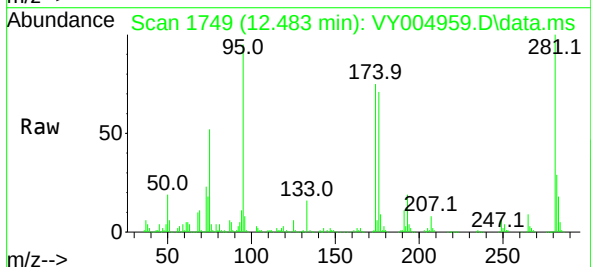
Instrument :
 MSVOA_Y
 ClientSampleId :
 124019

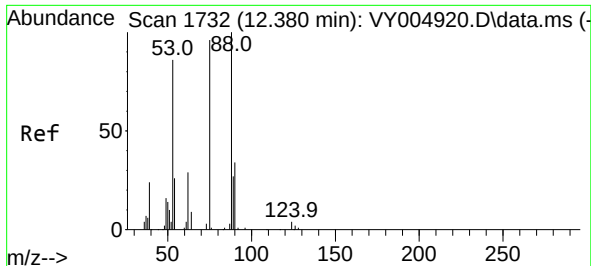
Tgt Ion:152 Resp: 96981
 Ion Ratio Lower Upper
 152 100
 115 59.0 29.9 89.7
 150 159.3 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 52.455 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004959.D
 Acq: 04 Jun 2021 13:12

Tgt Ion: 75 Resp: 55765
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#

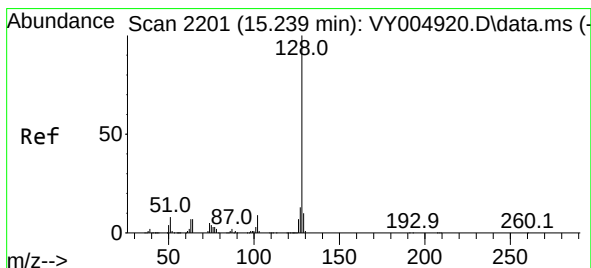
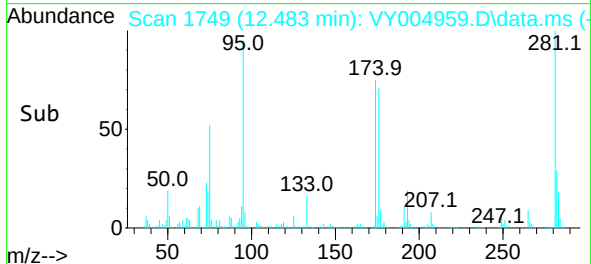
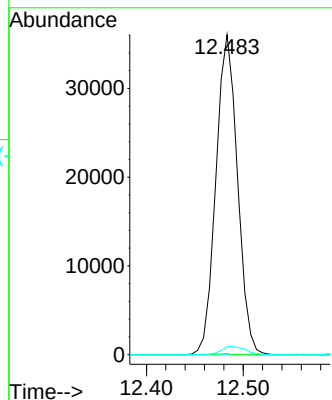
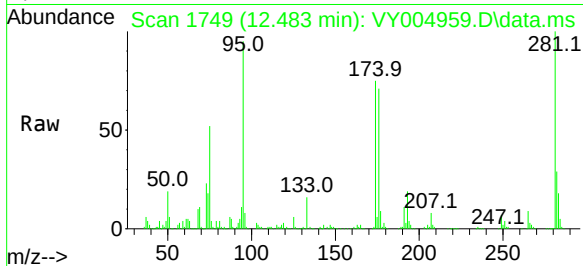




#81
trans-1,4-Dichloro-2-butene
Concen: 96.401 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004959.D
Acq: 04 Jun 2021 13:12

Instrument :
MSVOA_Y
ClientSampleId :
124019

Tgt Ion: 75 Resp: 55765
Ion Ratio Lower Upper
75 100
53 0.2 69.3 103.9#
89 2.9 35.0 52.6#



#95
Naphthalene
Concen: 3.652 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004959.D
Acq: 04 Jun 2021 13:12

Tgt Ion: 128 Resp: 13880
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.3 8.7 13.1

