

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061121\
 Data File : VY005123.D
 Acq On : 11 Jun 2021 14:44
 Operator : SY/MD
 Sample : M2678-06
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0239-AMND-COMP-D(CL-01A)

Quant Time: Jun 12 00:36:19 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)

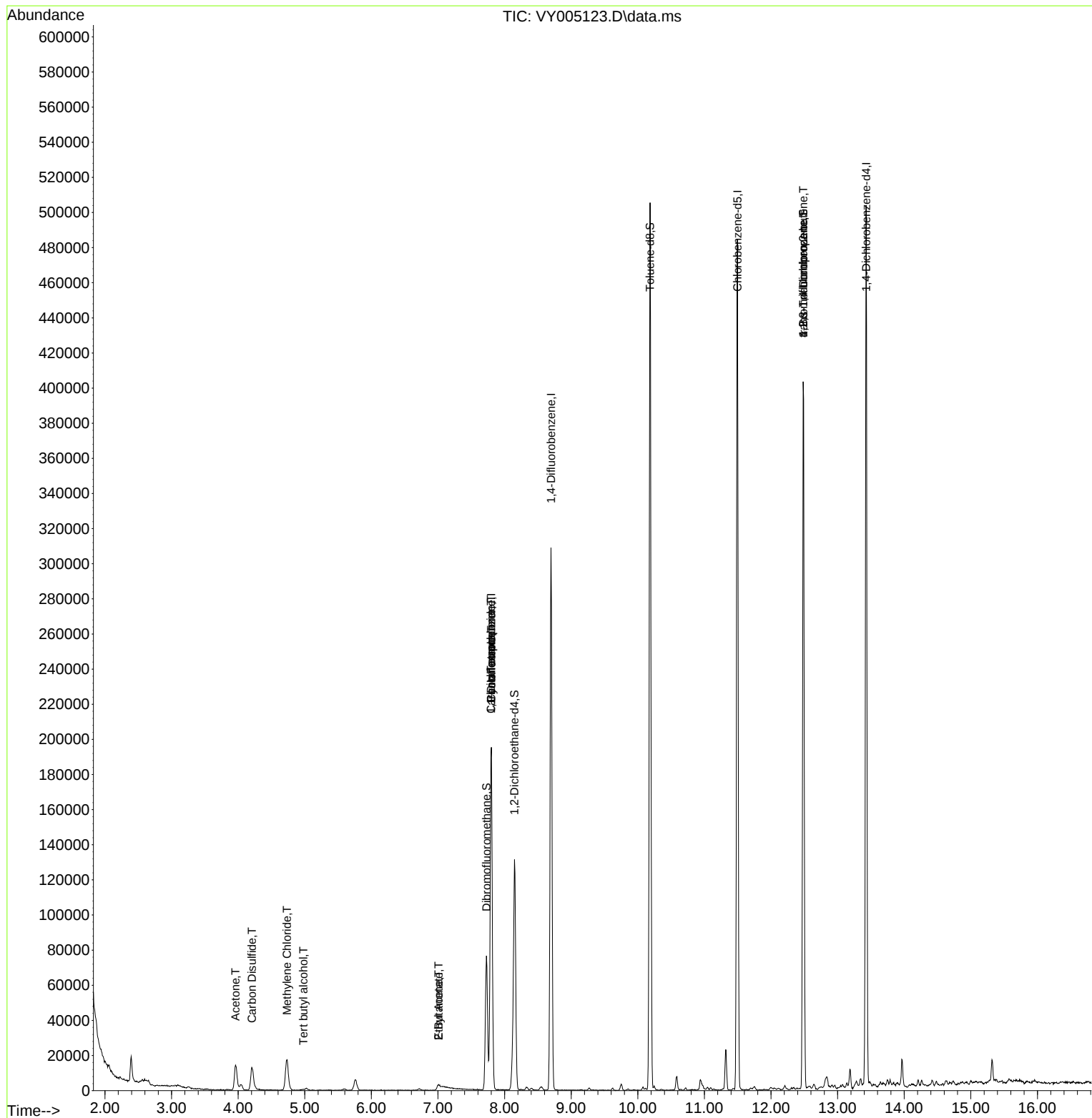
Internal Standards						
1) Pentafluorobenzene	7.801	168	149758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	263727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	264822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	99462	62.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.64%			
35) Dibromofluoromethane	7.728	113	52695	37.14	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 74.28%			
50) Toluene-d8	10.185	98	327690	55.61	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.22%			
62) 4-Bromofluorobenzene	12.483	95	113423	55.97	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.94%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.978	59	909	4.99	ug/l #	74
13) Acrolein	3.741	56	163	Below Cal	#	32
16) Acetone	3.960	43	26540	69.64	ug/l	97
17) Carbon Disulfide	4.204	76	22471	4.75	ug/l	98
20) Methylene Chloride	4.734	84	13786	1.80	ug/l	85
25) 2-Butanone	7.008	43	4816	7.51	ug/l	98
31) Cyclohexane	7.801	56	3141	1.13	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11091	4.30	ug/l #	50
37) Ethyl Acetate	7.008	43	4816	2.84	ug/l #	70
38) Carbon Tetrachloride	7.795	117	14968	6.66	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	60684	44.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60684	80.89	ug/l #	15

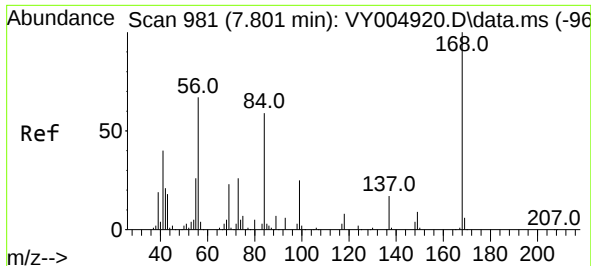
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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0239-AMND-COMP-D(CL-01A)

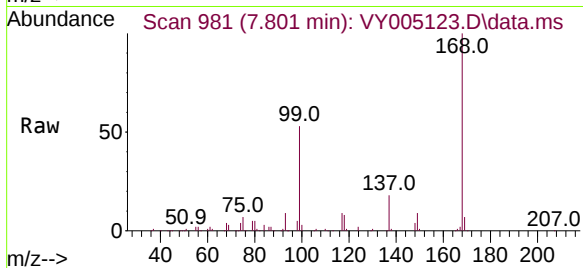
Quant Time: Jun 12 00:36:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
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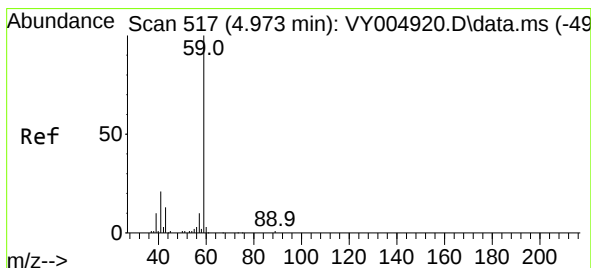
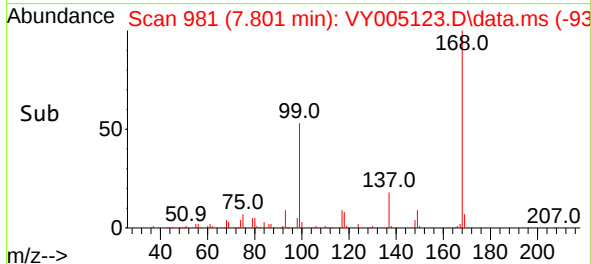
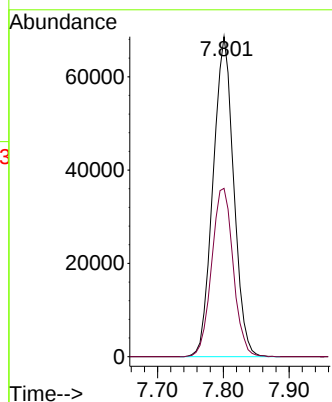


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

Instrument :
MSVOA_Y
ClientSampleId :
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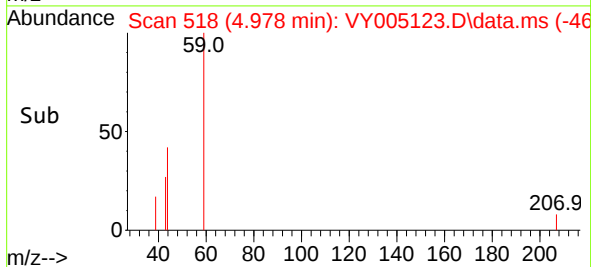
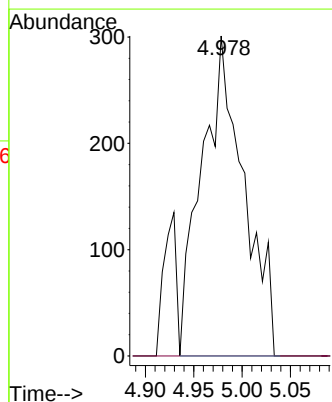
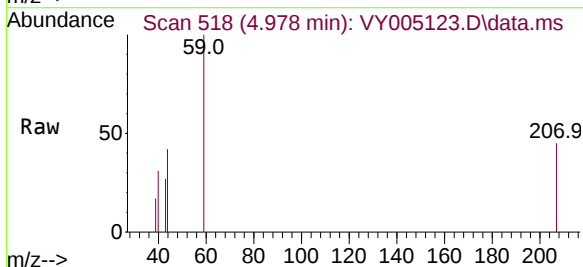


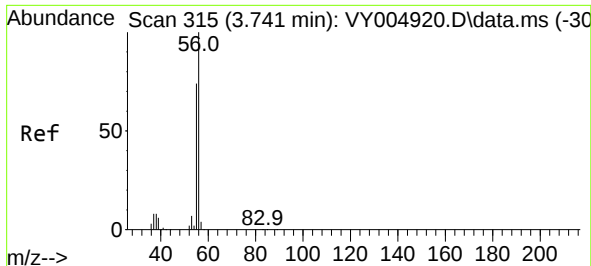
Tgt Ion:168 Resp: 149758
Ion Ratio Lower Upper
168 100
99 52.6 43.9 65.9



#11
Tert butyl alcohol
Concen: 4.99 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.005 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

Tgt Ion: 59 Resp: 909
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

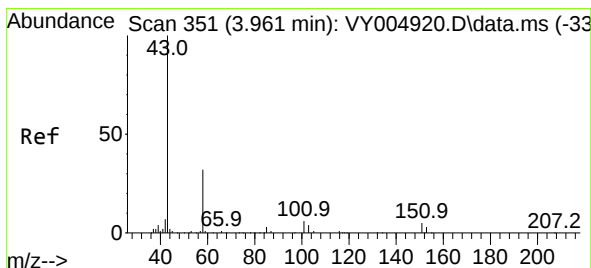
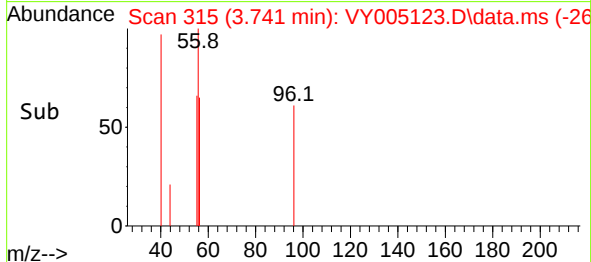
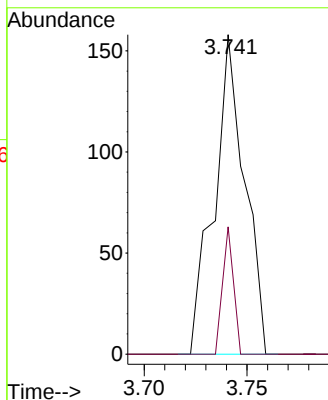
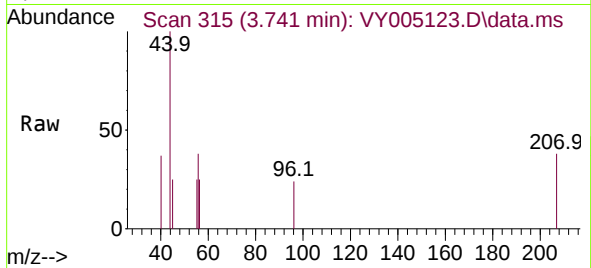




#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

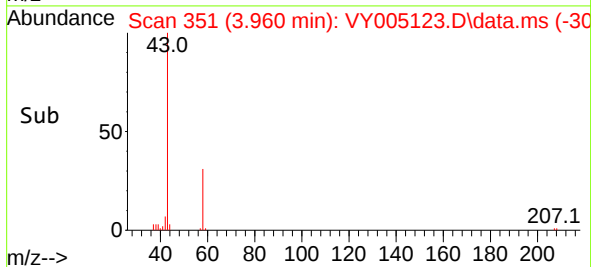
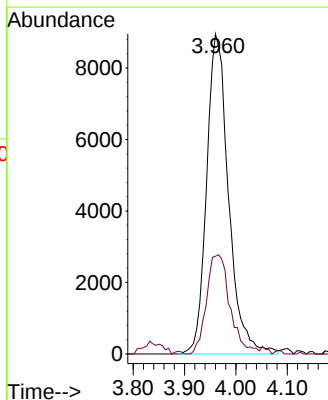
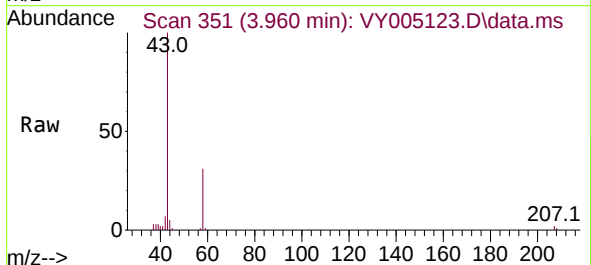
Instrument :
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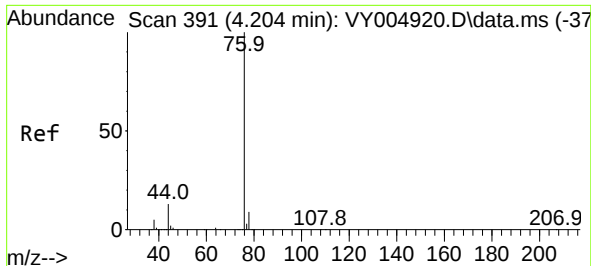
Tgt Ion: 56 Resp: 163
Ion Ratio Lower Upper
56 100
55 14.1 55.4 83.2#



#16
Acetone
Concen: 69.64 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

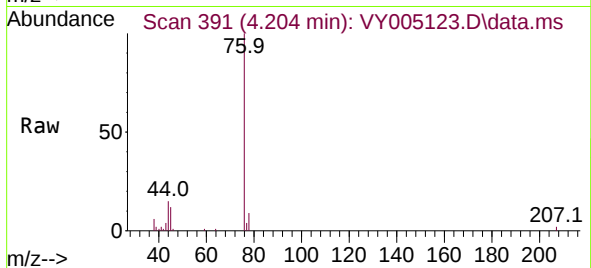
Tgt Ion: 43 Resp: 26540
Ion Ratio Lower Upper
43 100
58 29.8 25.3 37.9



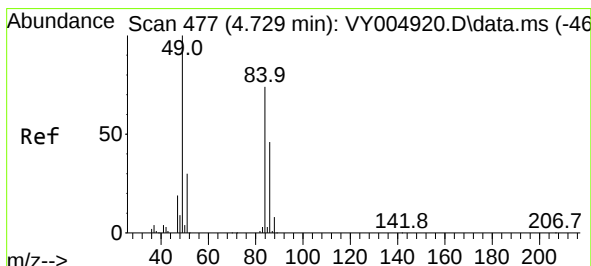
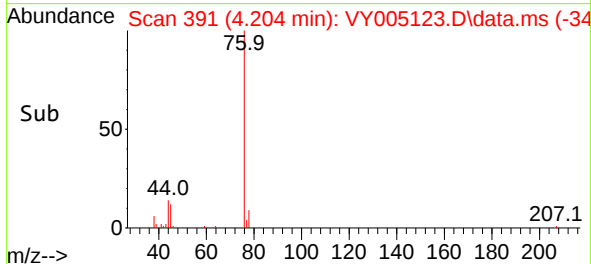
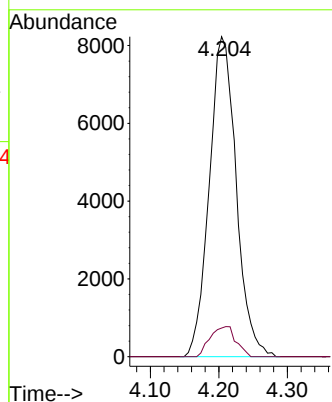


#17
Carbon Disulfide
Concen: 4.75 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

Instrument :
MSVOA_Y
ClientSampleId :
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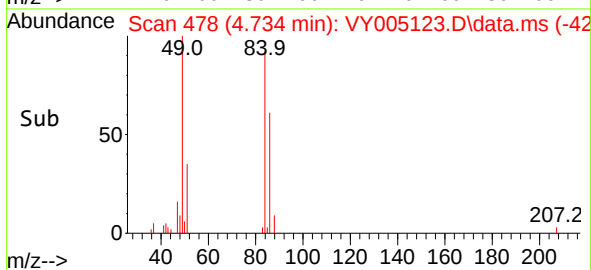
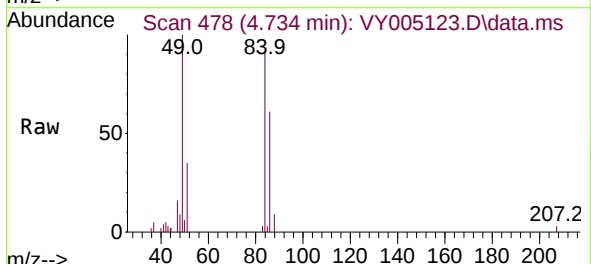
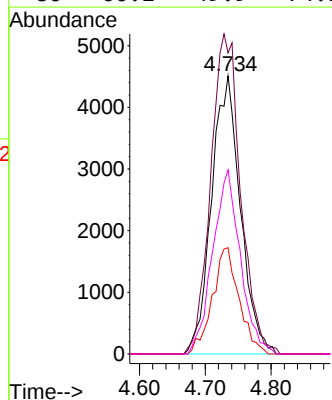


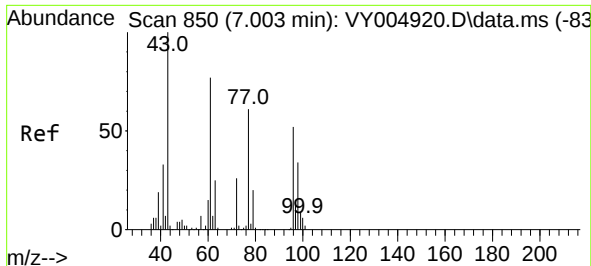
Tgt Ion: 76 Resp: 22471
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#20
Methylene Chloride
Concen: 1.80 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

Tgt Ion: 84 Resp: 13786
Ion Ratio Lower Upper
84 100
49 108.3 108.0 162.0
51 38.2 32.6 48.8
86 66.2 49.9 74.9

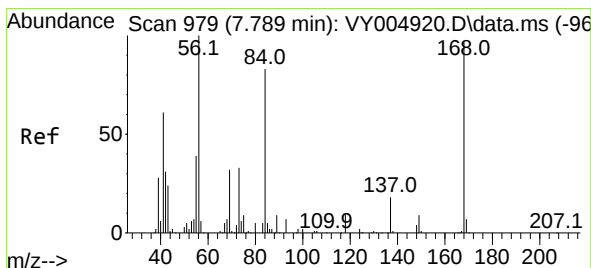
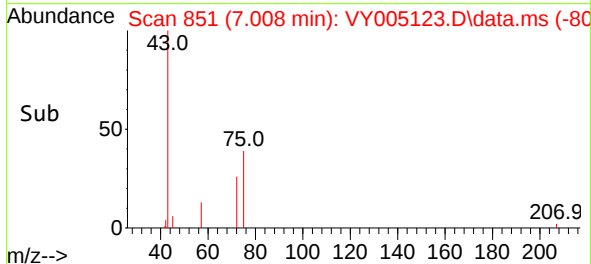
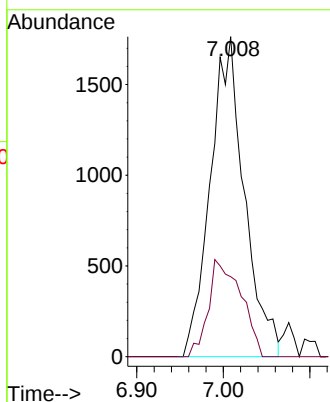
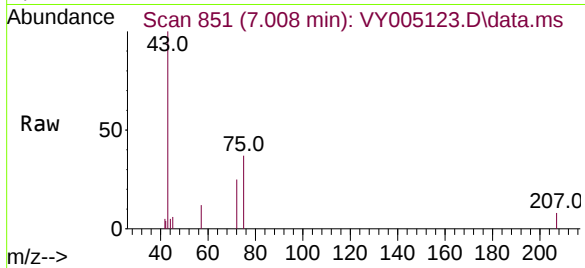




#25
2-Butanone
Concen: 7.51 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

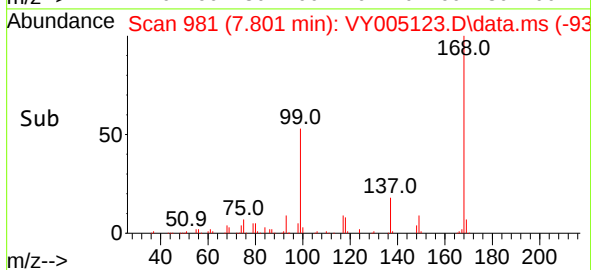
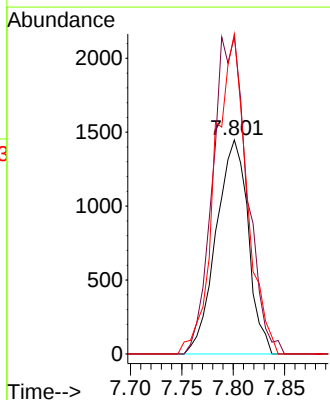
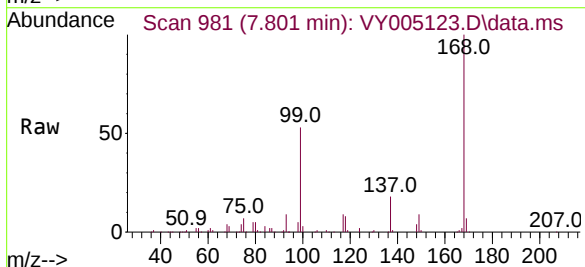
Instrument :
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ClientSampleId :
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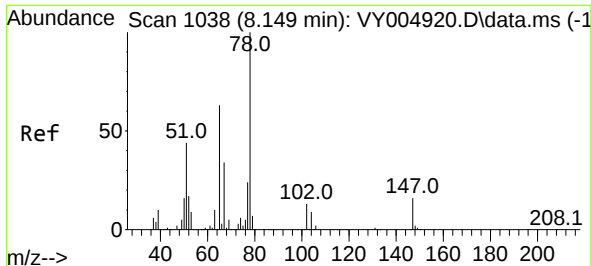
Tgt Ion: 43 Resp: 4816
Ion Ratio Lower Upper
43 100
72 25.0 20.6 31.0



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

Tgt Ion: 56 Resp: 3141
Ion Ratio Lower Upper
56 100
69 148.3 25.3 37.9#
84 149.5 66.2 99.4#

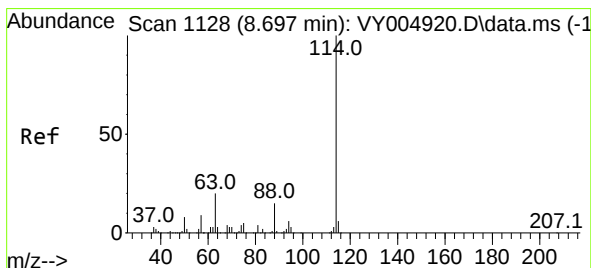
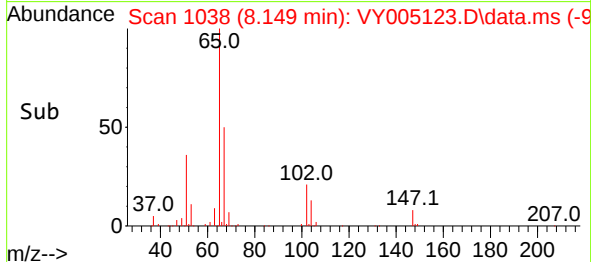
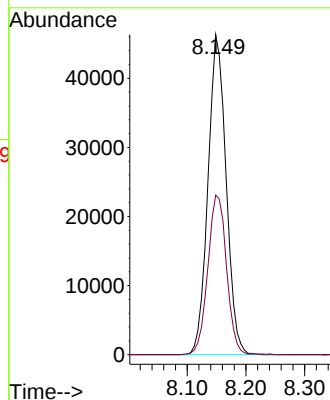
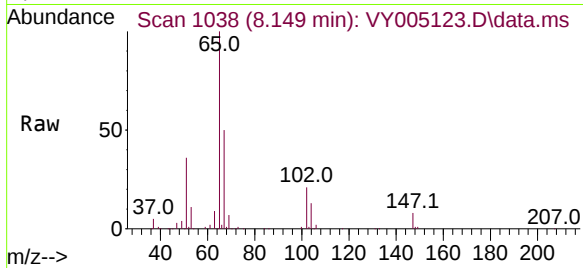




#33
1,2-Dichloroethane-d4
Concen: 62.82 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

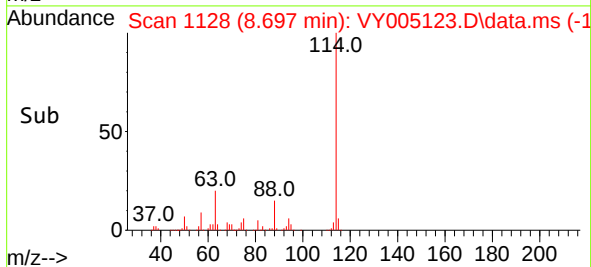
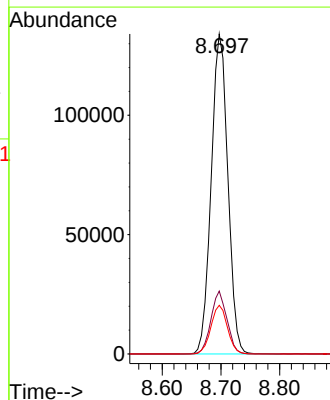
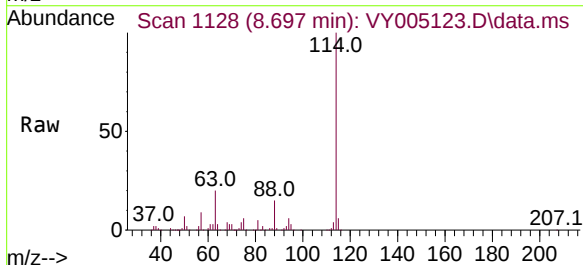
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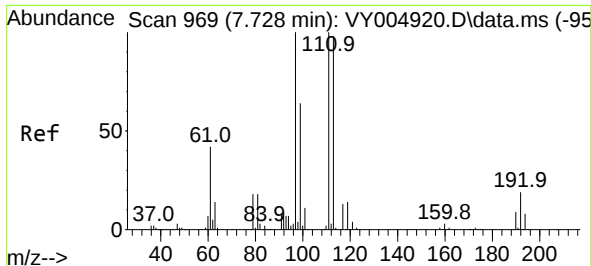
Tgt Ion: 65 Resp: 99462
Ion Ratio Lower Upper
65 100
67 51.5 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

Tgt Ion:114 Resp: 263727
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.0
88 15.2 0.0 30.6

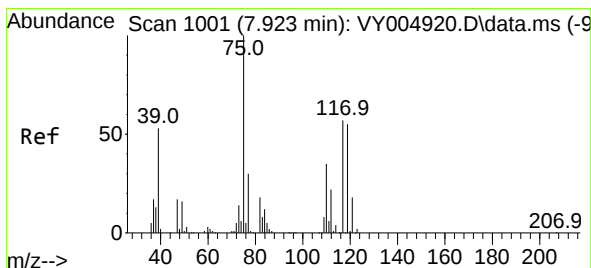
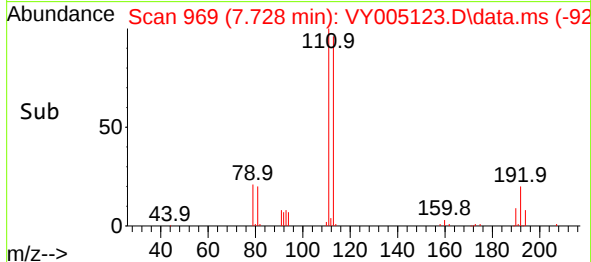
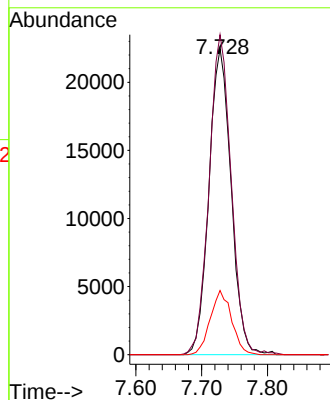
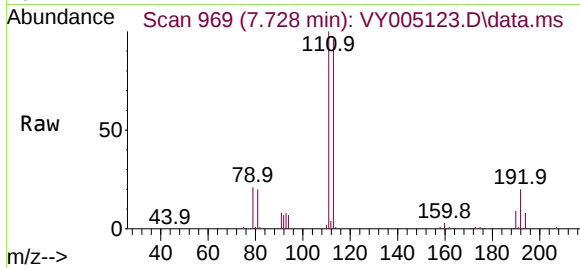




#35
Dibromofluoromethane
Concen: 37.14 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

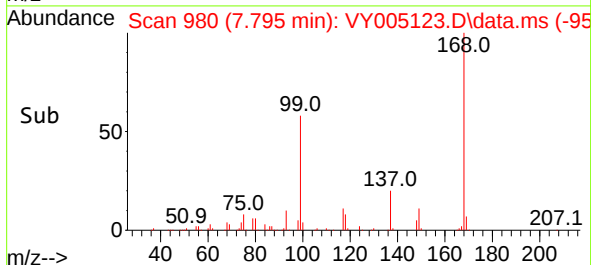
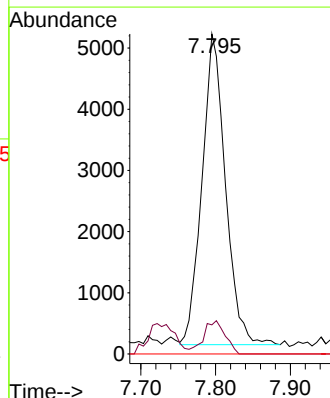
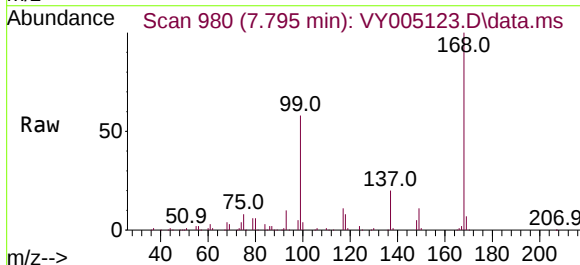
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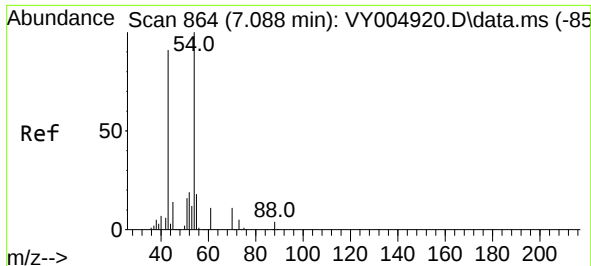
Tgt Ion:	113	Resp:	52695
Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.8	122.8
192	20.2	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

Tgt Ion:	75	Resp:	11091
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.5	52.5#
77	0.0	25.1	37.7#





#37

Ethyl Acetate

Concen: 2.84 ug/l

RT: 7.008 min Scan# 851

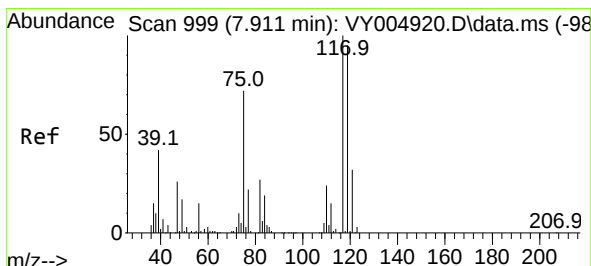
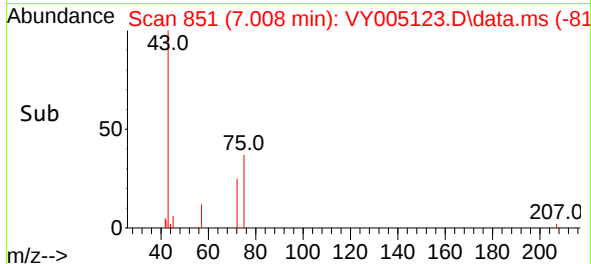
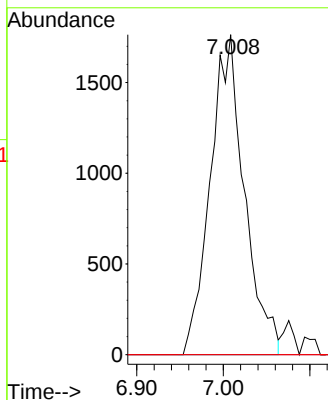
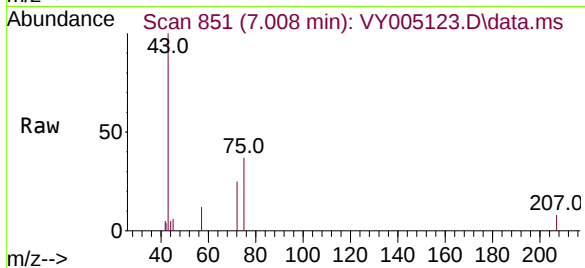
Delta R.T. -0.080 min

Lab File: VY005123.D

Acq: 11 Jun 2021 14:44

Tgt Ion:	43	Resp:	4816
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	0.0	7.9	11.9#

Instrument :
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ClientSampleId :
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#38

Carbon Tetrachloride

Concen: 6.66 ug/l

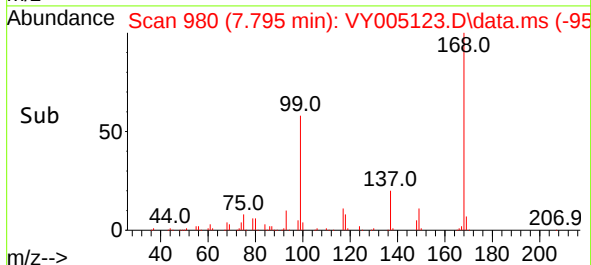
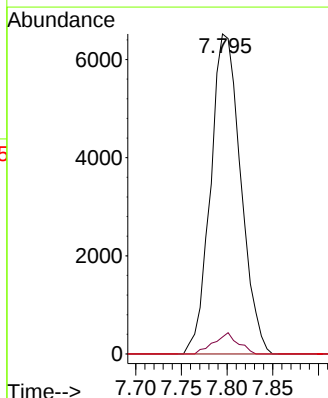
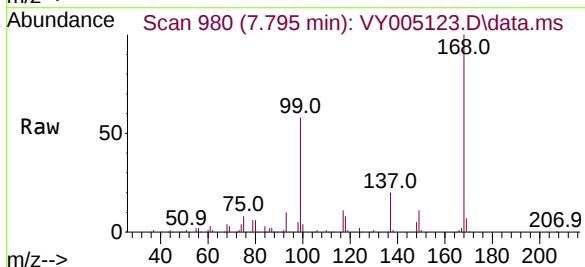
RT: 7.795 min Scan# 980

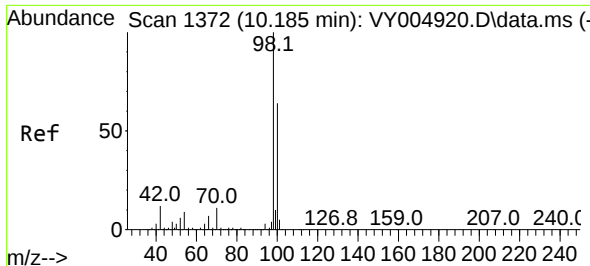
Delta R.T. -0.116 min

Lab File: VY005123.D

Acq: 11 Jun 2021 14:44

Tgt Ion:	117	Resp:	14968
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.1	114.1#
121	0.0	25.5	38.3#

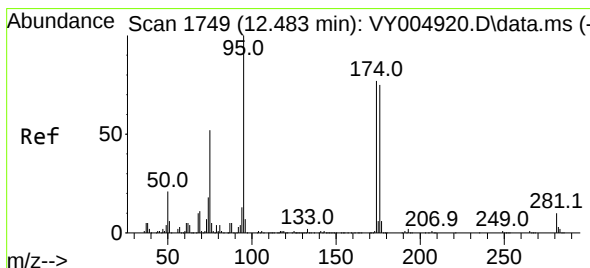
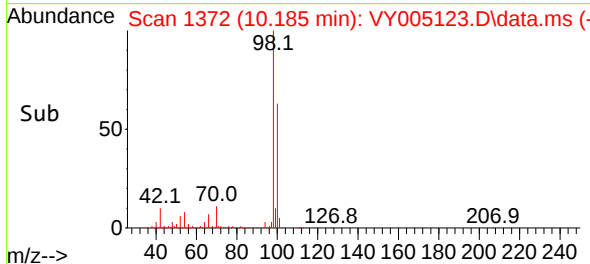
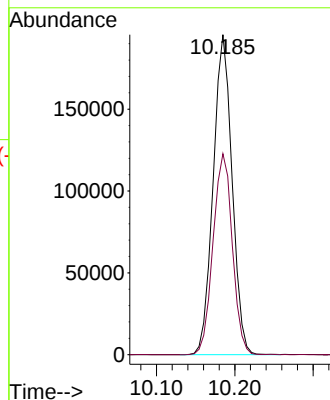
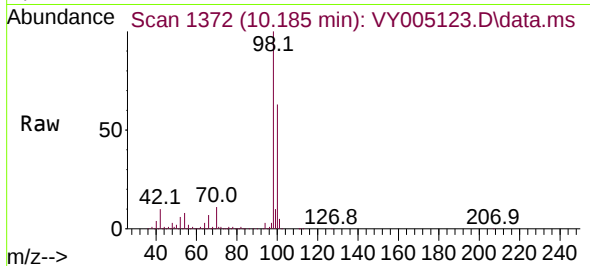




#50
Toluene-d8
Concen: 55.61 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

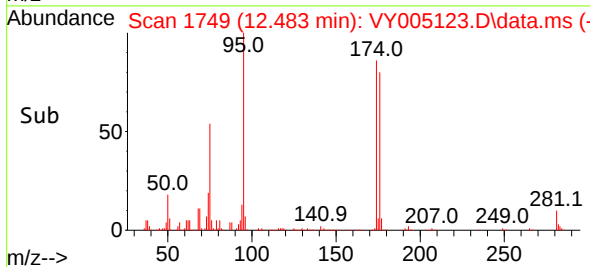
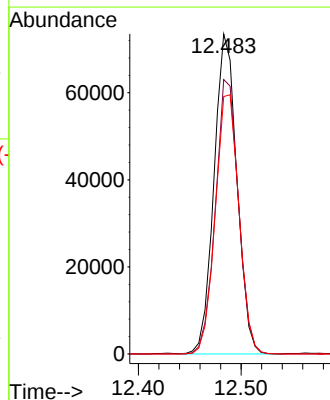
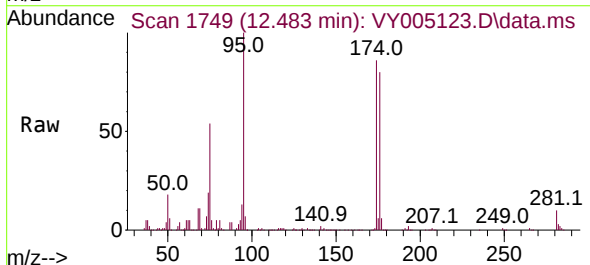
Instrument :
MSVOA_Y
ClientSampleId :
0239-AMND-COMP-D(CL-01A)

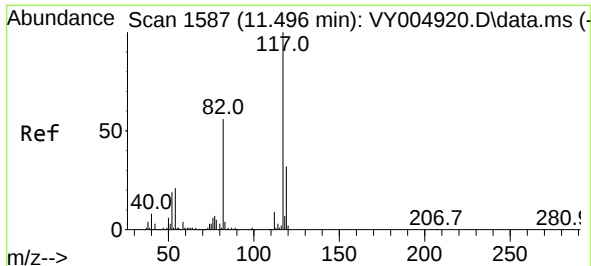
Tgt Ion: 98 Resp: 327690
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.97 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

Tgt Ion: 95 Resp: 113423
Ion Ratio Lower Upper
95 100
174 86.1 0.0 160.8
176 83.7 0.0 155.6

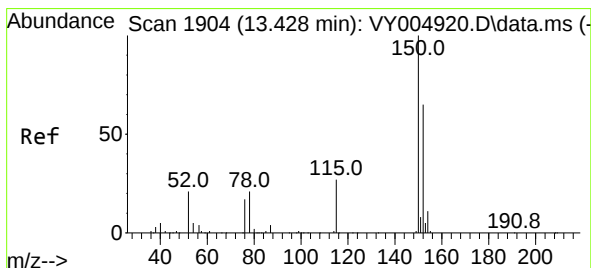
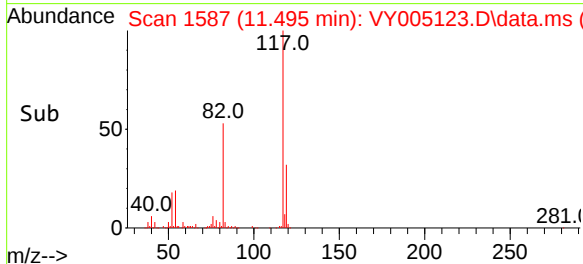
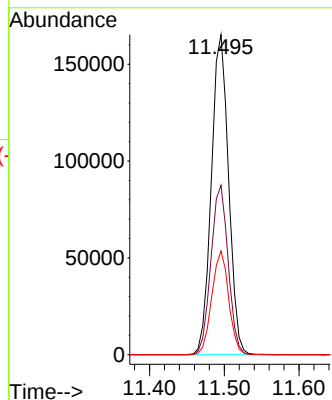
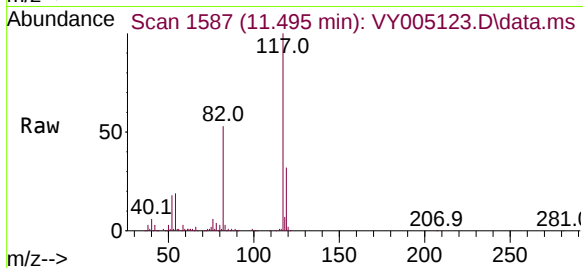




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

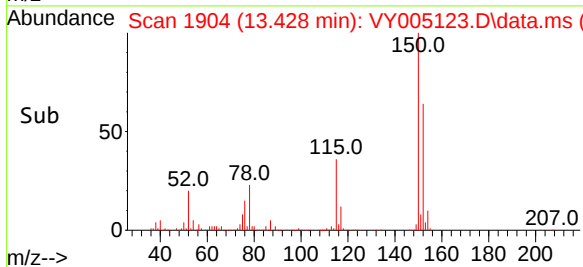
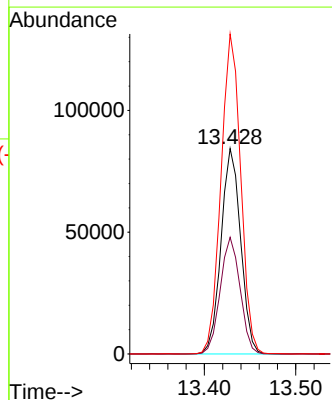
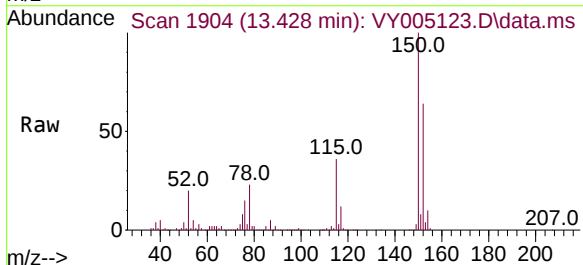
Instrument :
MSVOA_Y
ClientSampleId :
0239-AMND-COMP-D(CL-01A)

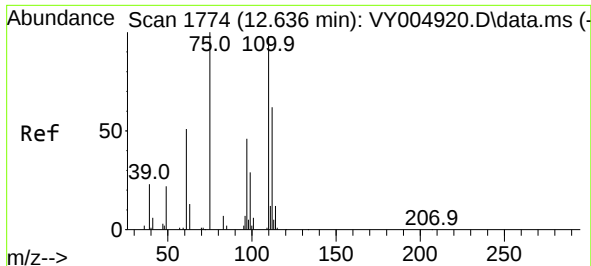
Tgt Ion:	117	Resp:	264822
Ion Ratio	Lower	Upper	
117	100		
82	52.9	44.8	67.2
119	32.4	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

Tgt Ion:	152	Resp:	125769
Ion Ratio	Lower	Upper	
152	100		
115	57.5	29.9	89.7
150	156.9	0.0	347.8

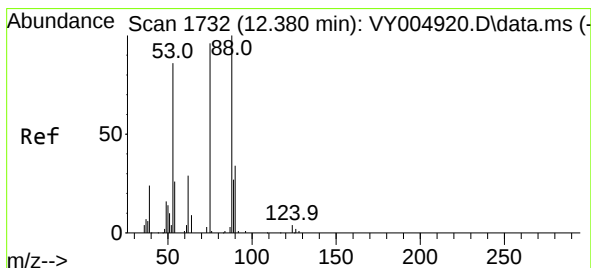
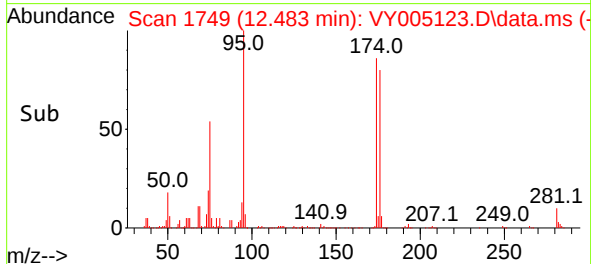
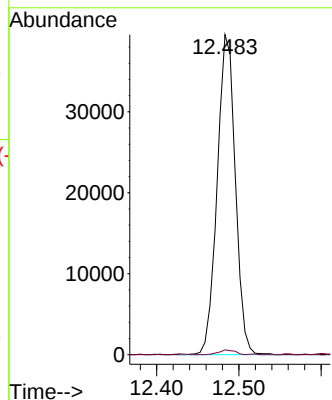
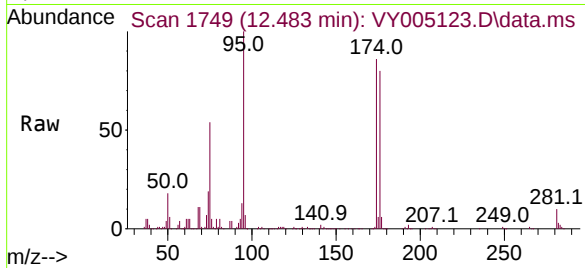




#76
1,2,3-Trichloropropane
Concen: 44.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

Instrument :
MSVOA_Y
ClientSampleId :
0239-AMND-COMP-D(CL-01A)

Tgt Ion: 75 Resp: 60684
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005123.D
Acq: 11 Jun 2021 14:44

Tgt Ion: 75 Resp: 60684
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 0.1 35.0 52.6#

