

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005260.D
 Acq On : 28 Jun 2021 19:29
 Operator : SY/MD
 Sample : M2889-02
 Misc : 5.65G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(11.5-12)

Quant Time: Jun 29 01:20:05 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)

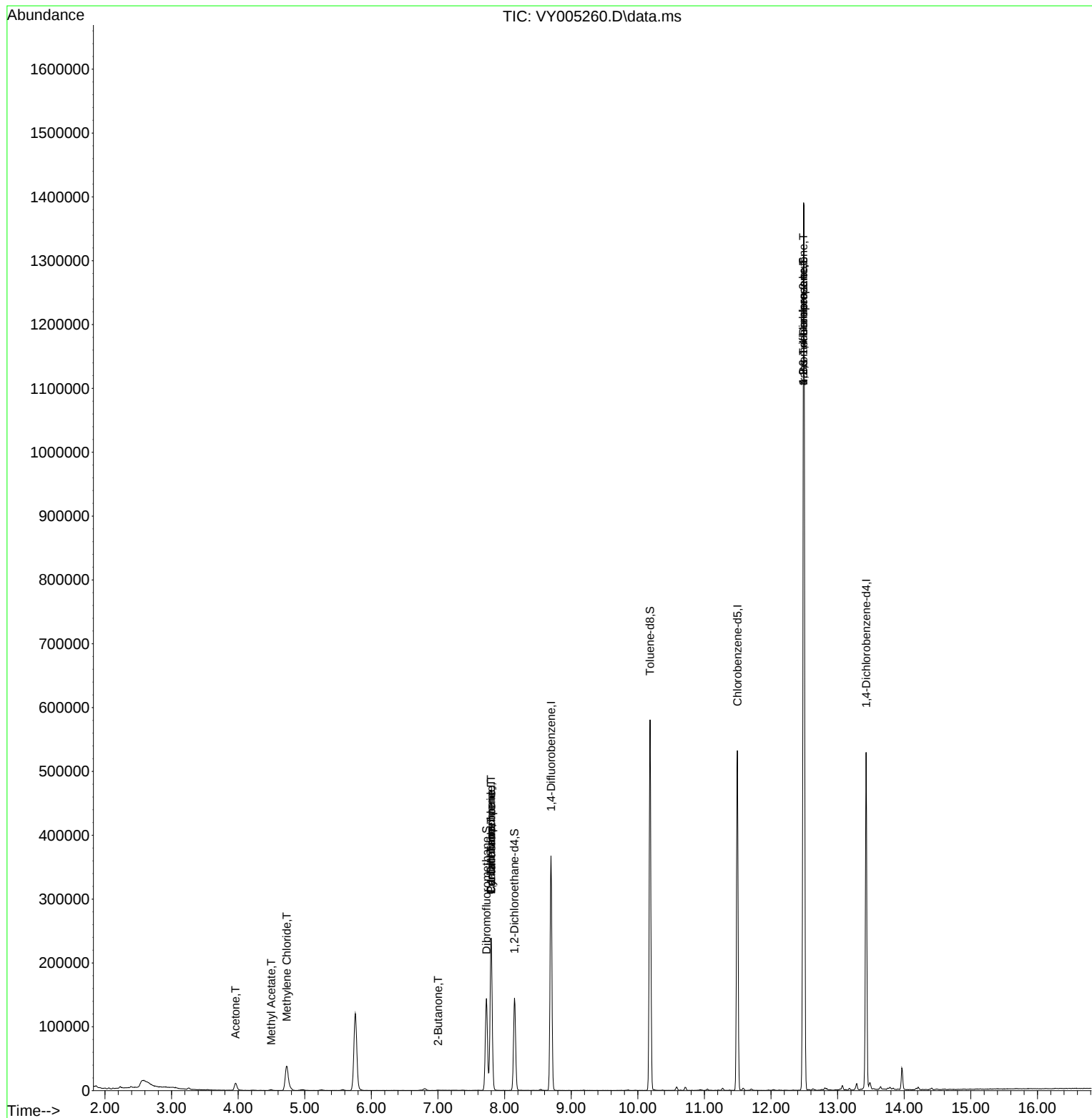
Internal Standards						
1) Pentafluorobenzene	7.801	168	207300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	321935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	305486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112638	65.476	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 130.960%		
35) Dibromofluoromethane	7.728	113	99215	52.256	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.520%		
50) Toluene-d8	10.185	98	388522	51.170	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 102.340%		
62) 4-Bromofluorobenzene	12.483	95	131846	52.110	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 104.220%		
Target Compounds						
11) Tert butyl alcohol	4.954	59	1281	Below Cal	#	77
16) Acetone	3.960	43	19611	49.347	ug/l	94
18) Methyl Acetate	4.497	43	2225	2.107	ug/l	92
20) Methylene Chloride	4.728	84	30767	7.092	ug/l	96
25) 2-Butanone	7.002	43	999	1.724	ug/l #	87
31) Cyclohexane	7.795	56	3901	1.270	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12913	4.555	ug/l #	48
38) Carbon Tetrachloride	7.795	117	17162	5.783	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	68486	54.285	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68486	101.284	ug/l #	17

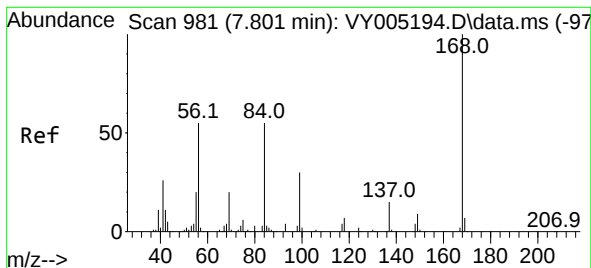
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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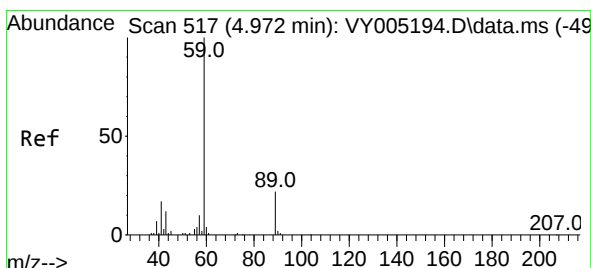
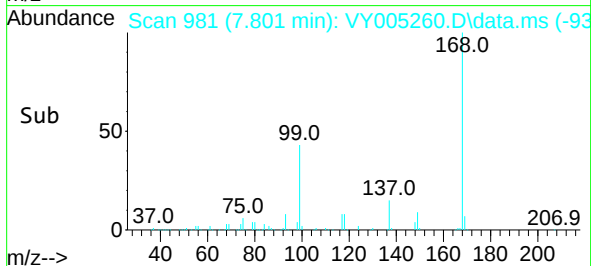
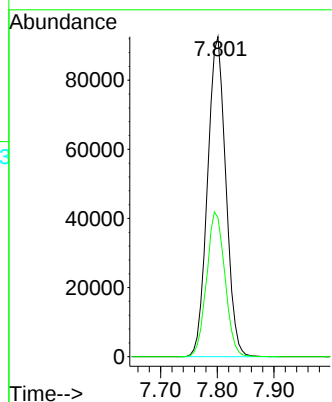
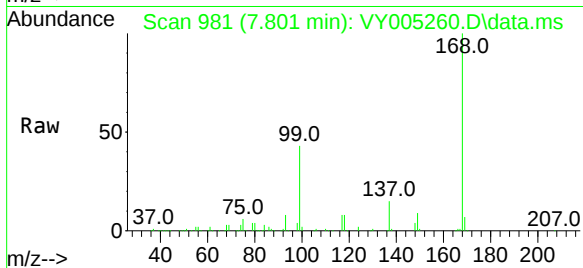




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

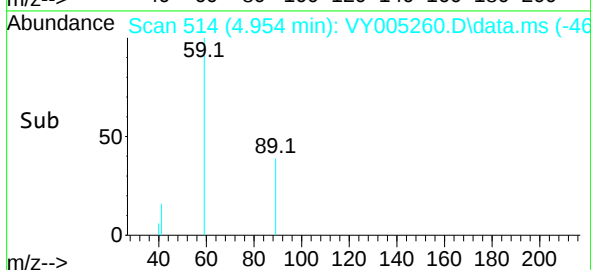
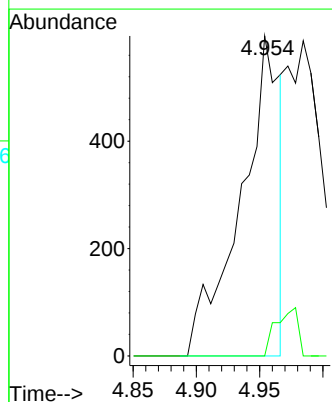
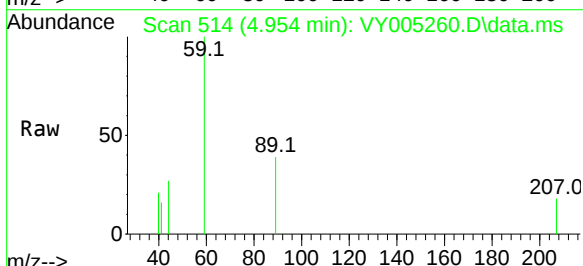
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(11.5-12)

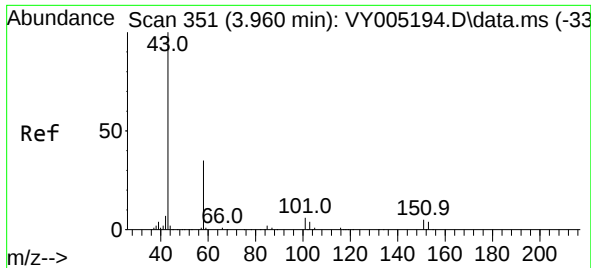
Tgt Ion:168 Resp: 207300
Ion Ratio Lower Upper
168 100
99 43.4 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

Tgt Ion: 59 Resp: 1281
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

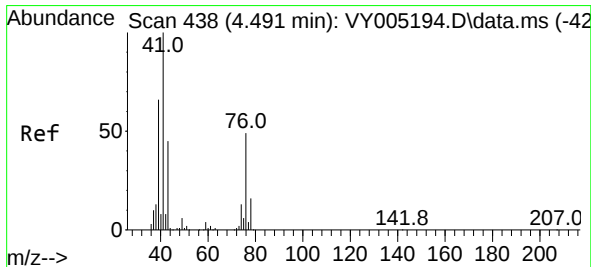
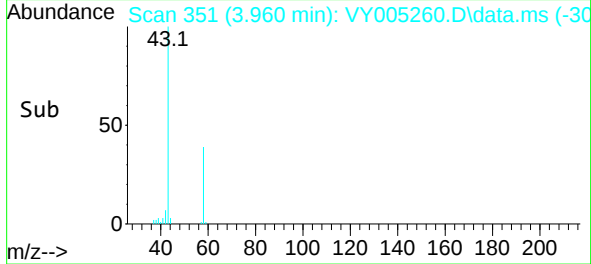
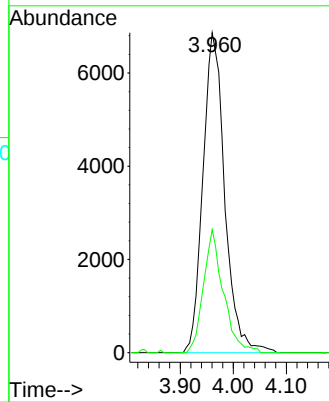
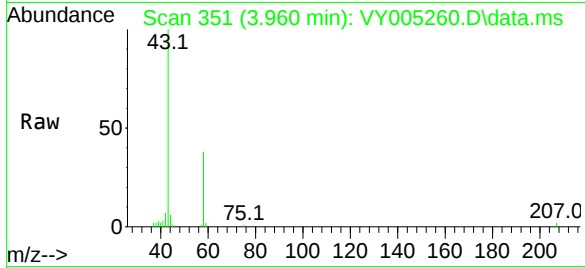




#16
Acetone
Concen: 49.347 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

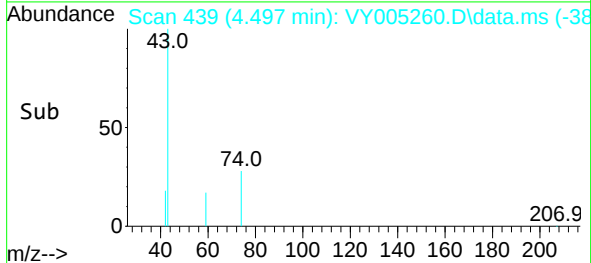
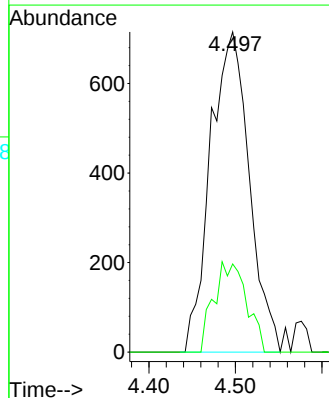
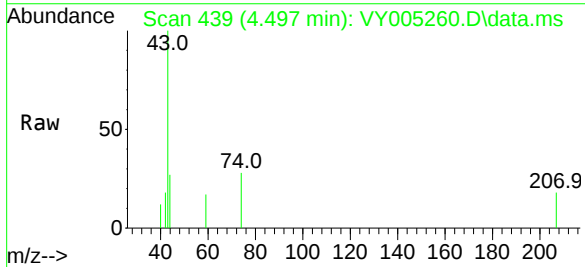
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(11.5-12)

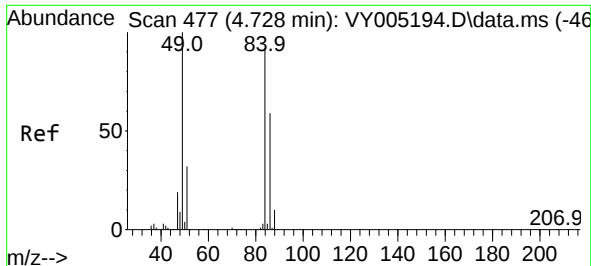
Tgt Ion: 43 Resp: 19611
Ion Ratio Lower Upper
43 100
58 38.5 28.2 42.2



#18
Methyl Acetate
Concen: 2.107 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

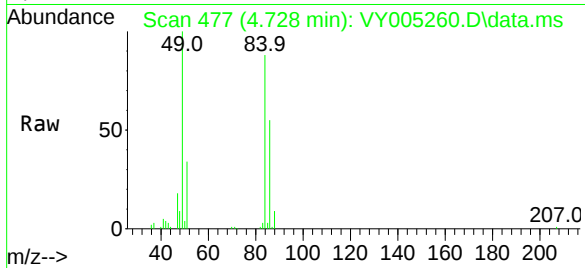
Tgt Ion: 43 Resp: 2225
Ion Ratio Lower Upper
43 100
74 23.8 22.5 33.7



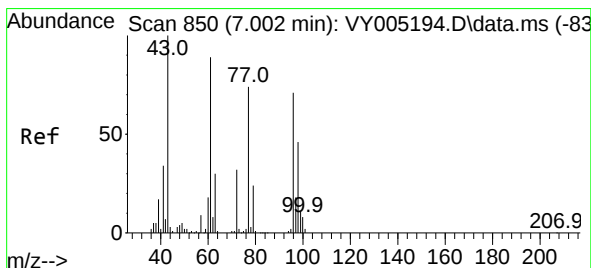
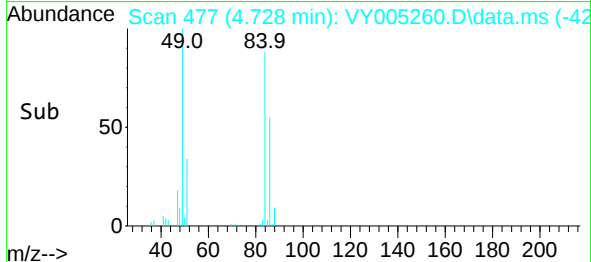
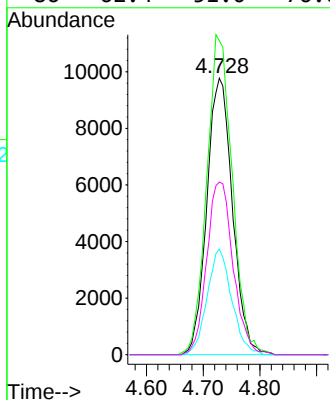


#20
Methylene Chloride
Concen: 7.092 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(11.5-12)

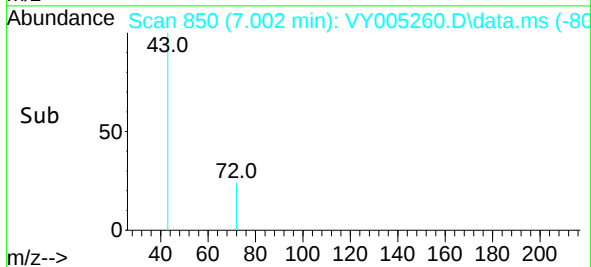
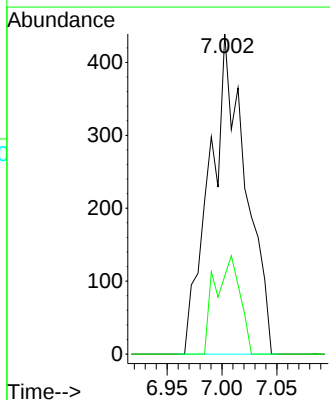
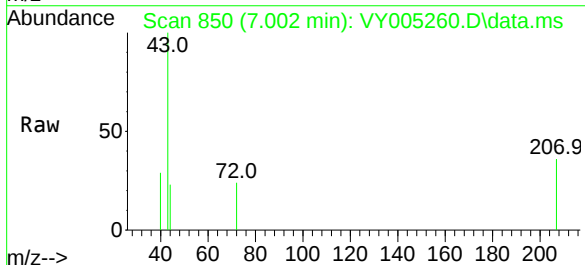


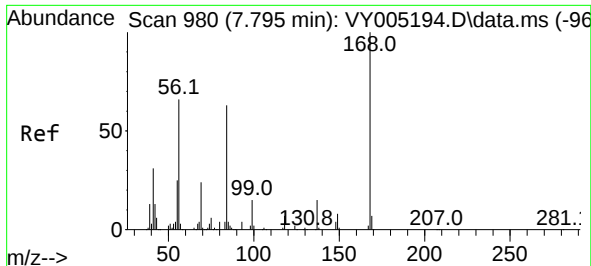
Tgt Ion:	84	Resp:	30767
Ion	Ratio	Lower	Upper
84	100		
49	113.5	86.9	130.3
51	38.2	27.4	41.2
86	62.4	51.0	76.6



#25
2-Butanone
Concen: 1.724 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

Tgt Ion:	43	Resp:	999
Ion	Ratio	Lower	Upper
43	100		
72	24.4	25.3	37.9

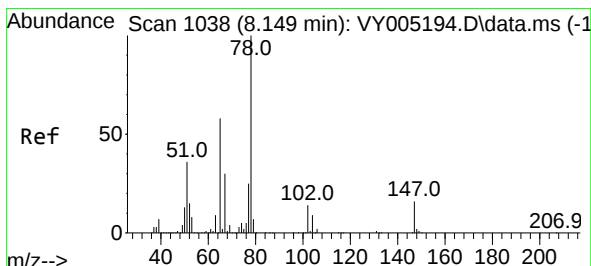
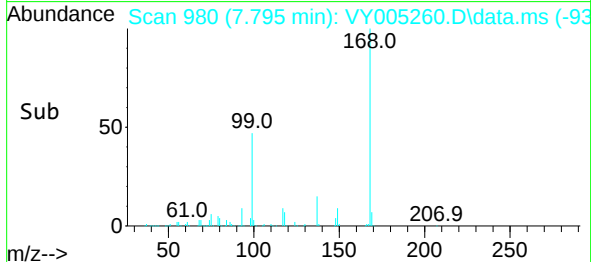
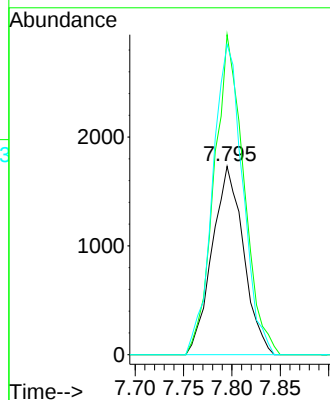
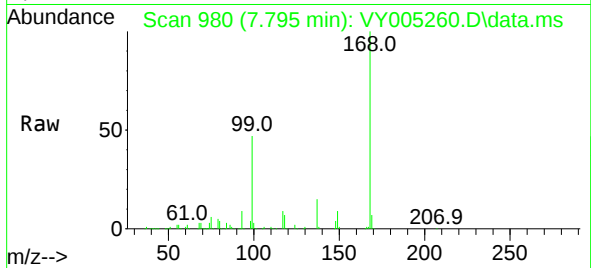




#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

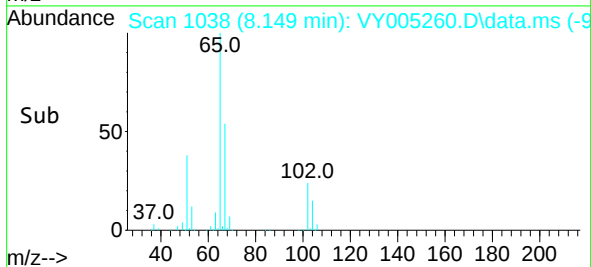
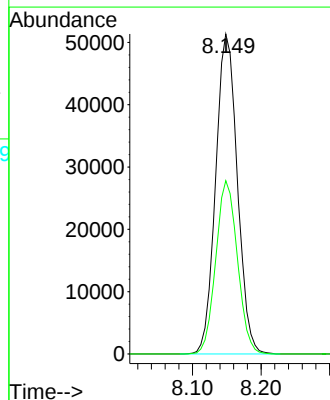
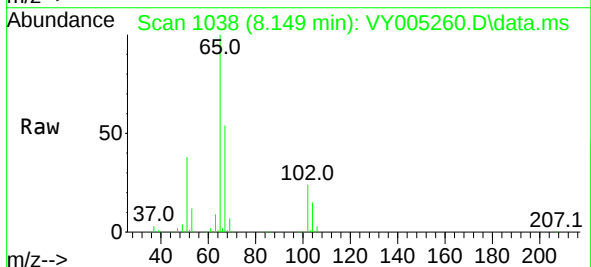
Instrument :
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ClientSampleId :
SB-2(11.5-12)

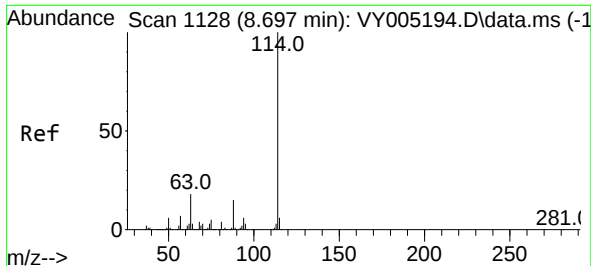
Tgt Ion: 56 Resp: 3901
Ion Ratio Lower Upper
56 100
69 169.9 29.6 44.4#
84 164.7 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 65.476 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

Tgt Ion: 65 Resp: 112638
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.6

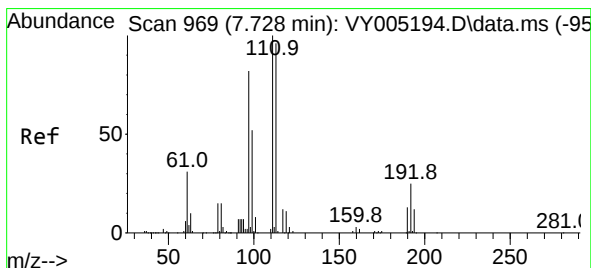
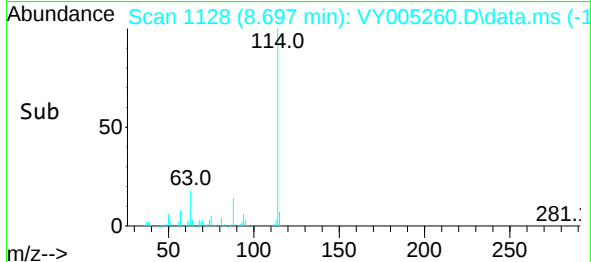
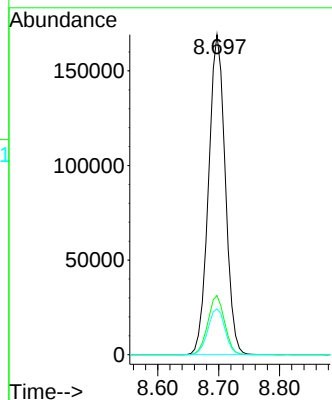
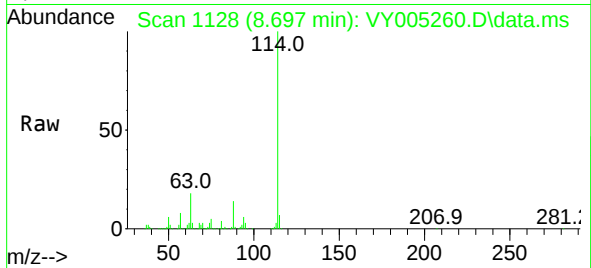




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

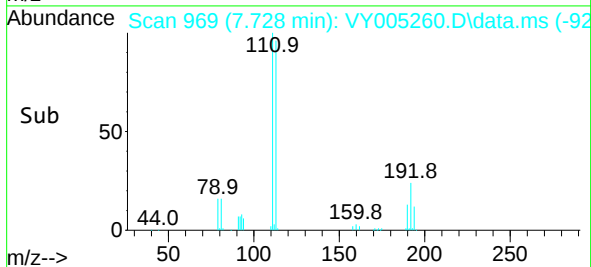
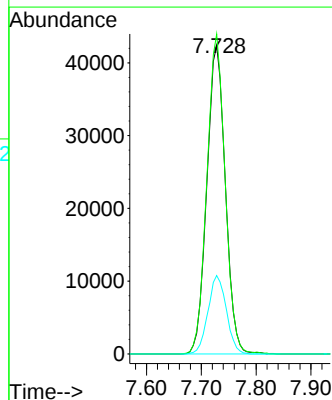
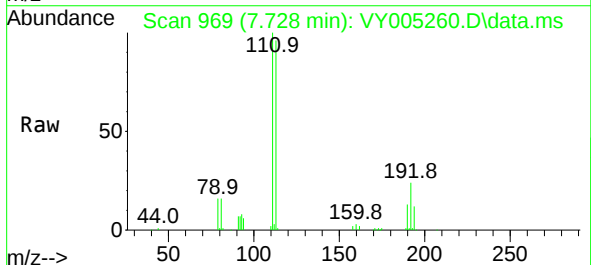
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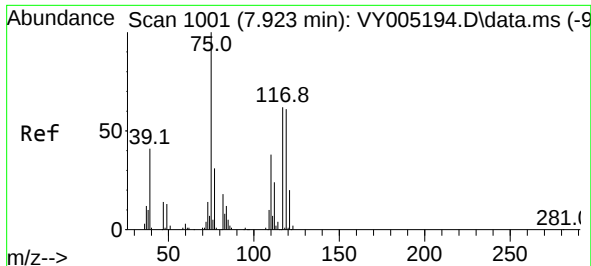
Tgt Ion:	114	Resp:	321935
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	35.2
88	14.3	0.0	29.4



#35
Dibromofluoromethane
Concen: 52.256 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

Tgt Ion:	113	Resp:	99215
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.6	124.0
192	25.2	20.2	30.2

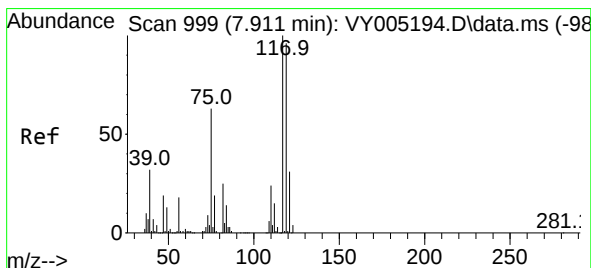
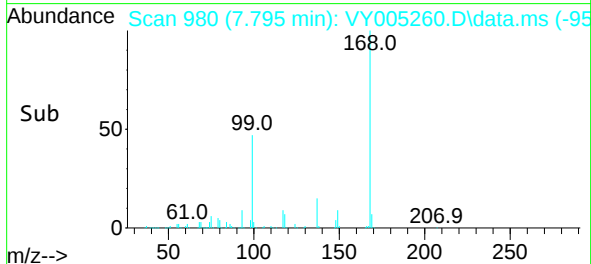
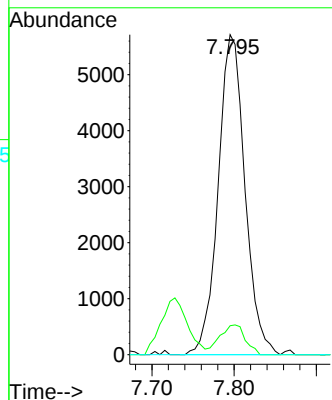
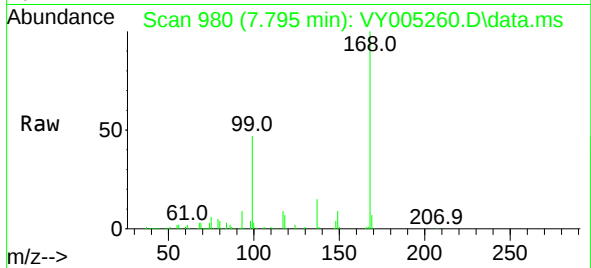




#36
1,1-Dichloropropene
Concen: 4.555 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

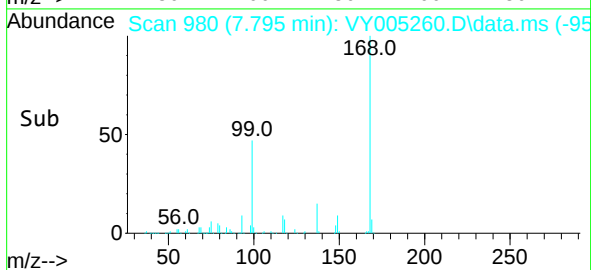
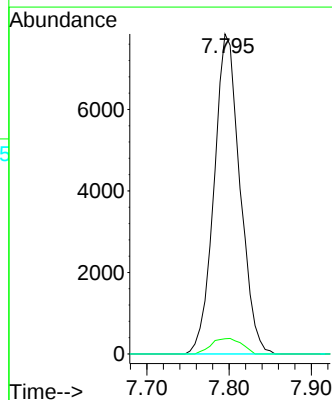
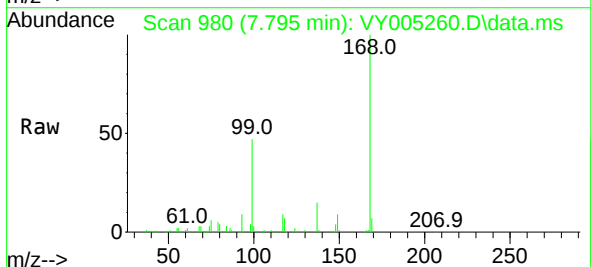
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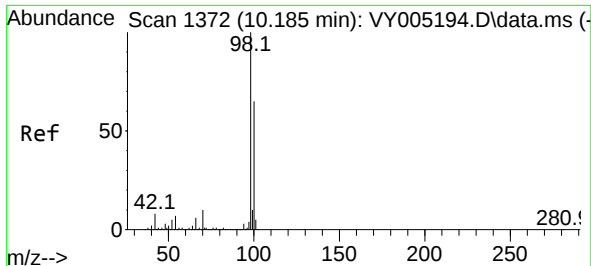
Tgt Ion: 75 Resp: 12913
Ion Ratio Lower Upper
75 100
110 9.0 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.783 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

Tgt Ion: 117 Resp: 17162
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.4#
121 0.0 24.7 37.1#

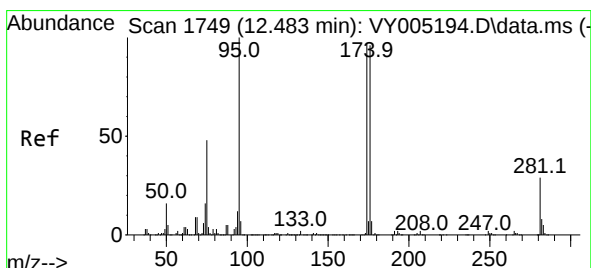
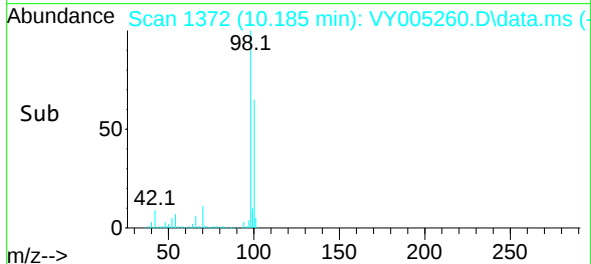
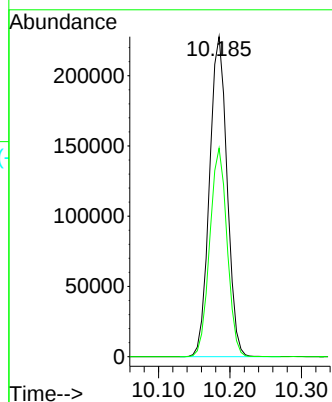
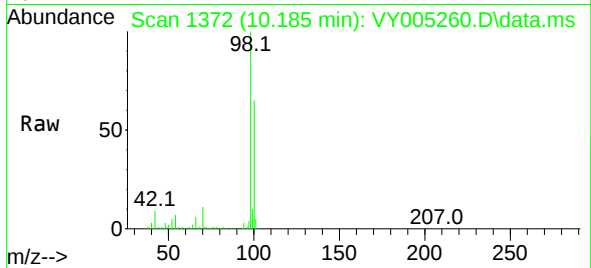




#50
Toluene-d8
Concen: 51.170 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

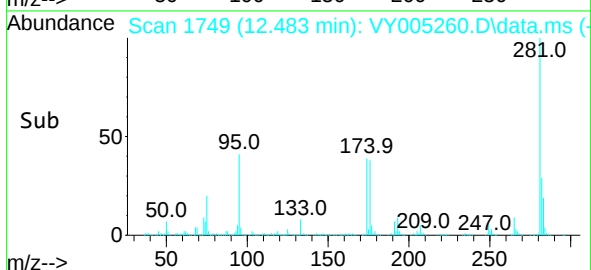
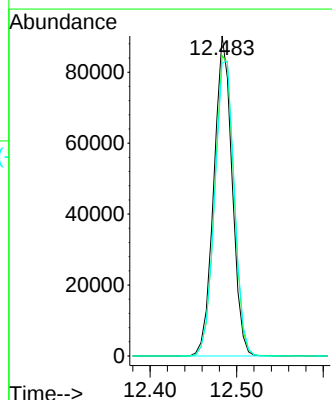
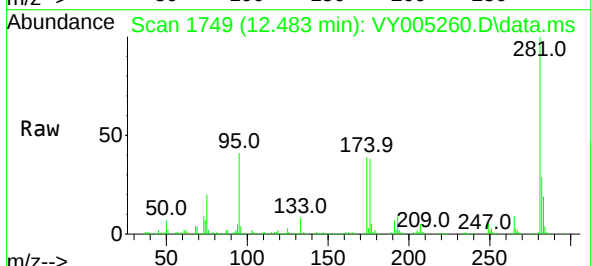
Instrument :
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SB-2(11.5-12)

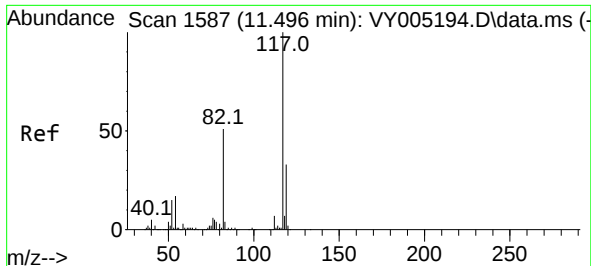
Tgt Ion: 98 Resp: 388522
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.110 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

Tgt Ion: 95 Resp: 131846
Ion Ratio Lower Upper
95 100
174 99.0 0.0 201.6
176 99.2 0.0 197.4

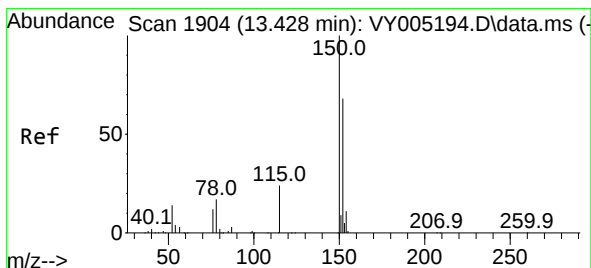
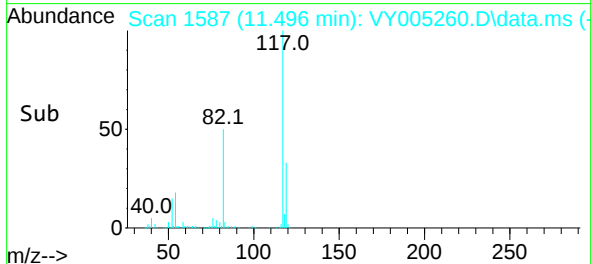
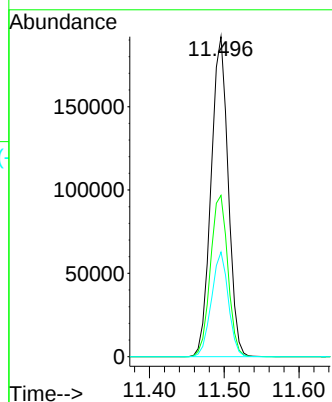
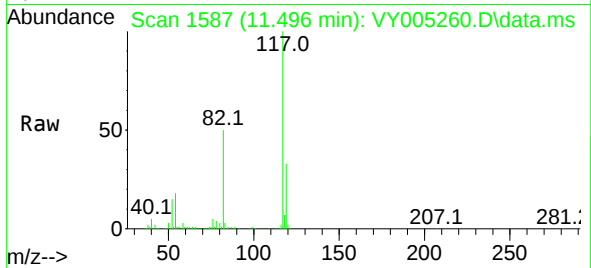




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

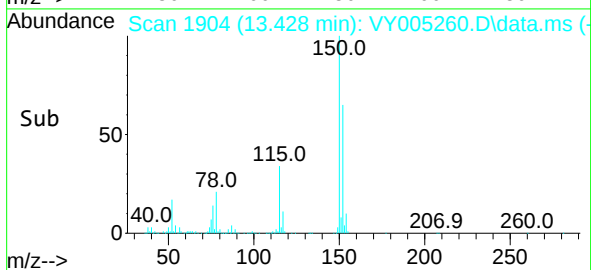
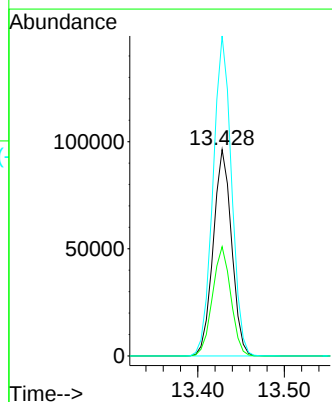
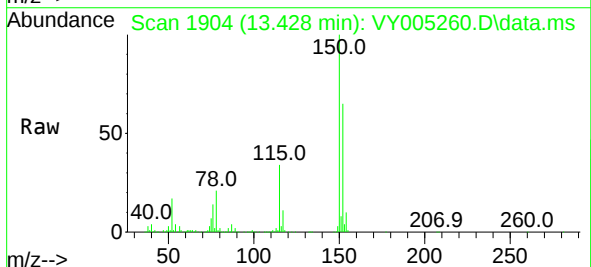
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(11.5-12)

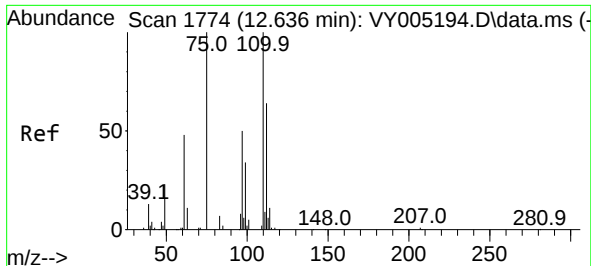
Tgt Ion:117 Resp: 305486
Ion Ratio Lower Upper
117 100
82 50.4 40.6 60.8
119 32.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

Tgt Ion:152 Resp: 142250
Ion Ratio Lower Upper
152 100
115 52.8 26.3 78.8
150 156.0 0.0 344.2

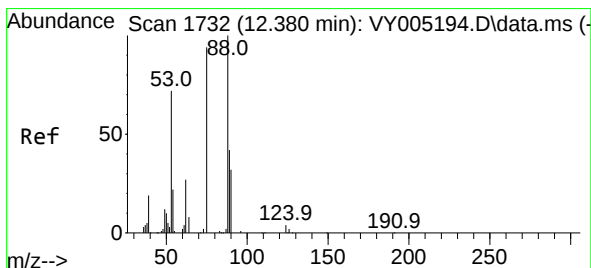
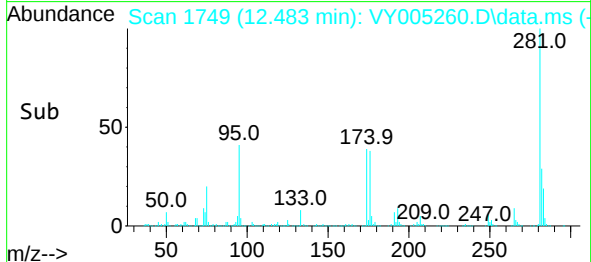
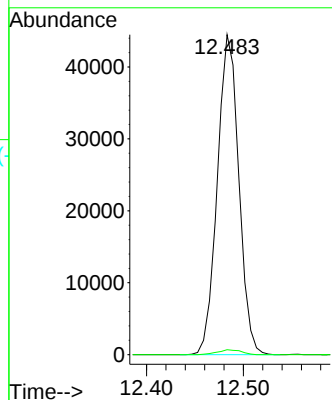
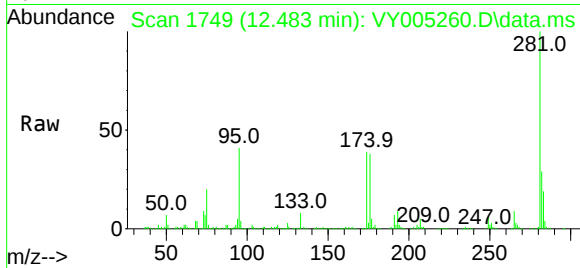




#76
1,2,3-Trichloropropane
Concen: 54.285 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(11.5-12)

Tgt Ion: 75 Resp: 68486
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.284 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

Tgt Ion: 75 Resp: 68486
Ion Ratio Lower Upper
75 100
53 0.2 63.0 94.4#
89 0.0 38.0 57.0#

