

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005261.D
 Acq On : 28 Jun 2021 19:52
 Operator : SY/MD
 Sample : M2889-03
 Misc : 5.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3(11.5-12)

Quant Time: Jun 29 01:20:18 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)

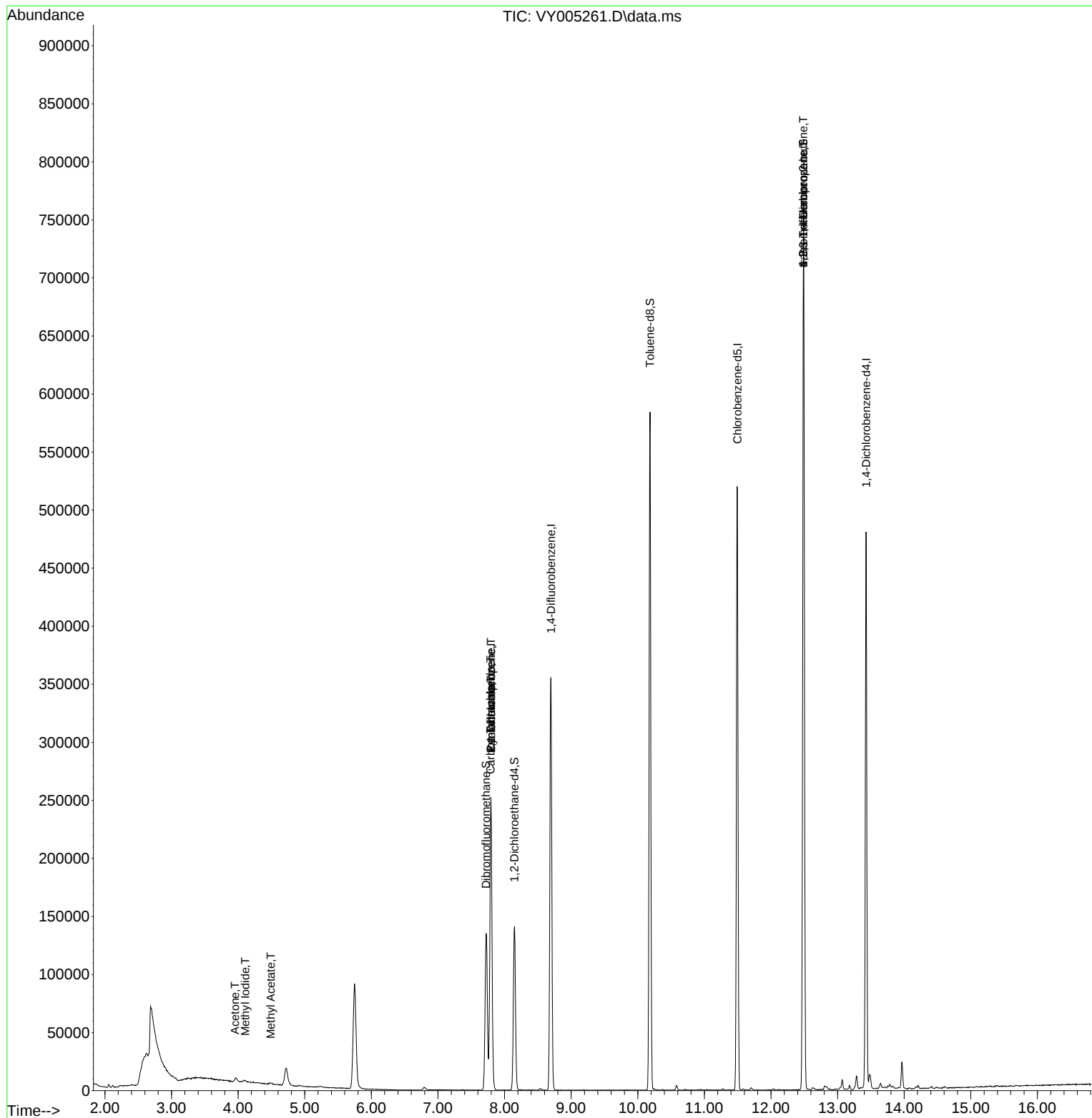
Internal Standards						
1) Pentafluorobenzene	7.795	168	218594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	330305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	307705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111724	61.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.180%	
35) Dibromofluoromethane	7.722	113	97966	50.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.580%	
50) Toluene-d8	10.185	98	396268	50.868	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.740%	
62) 4-Bromofluorobenzene	12.483	95	124861	48.099	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.200%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	2922	1.147	ug/l	99
11) Tert butyl alcohol	4.997	59	78	Below Cal	#	1
16) Acetone	3.954	43	4823	11.509	ug/l	99
18) Methyl Acetate	4.491	43	2394	2.150	ug/l	92
20) Methylene Chloride	4.716	84	12320	Below Cal		94
31) Cyclohexane	7.795	56	3783	1.168	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13089	4.500	ug/l #	48
38) Carbon Tetrachloride	7.789	117	17758	5.832	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	62558	53.888	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62558	100.542	ug/l #	18

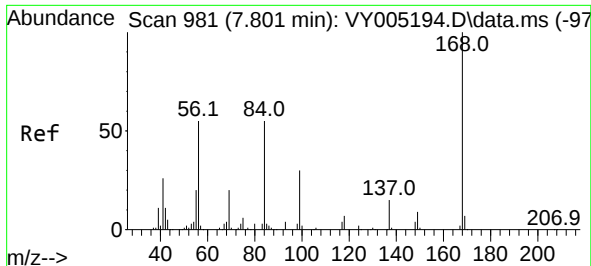
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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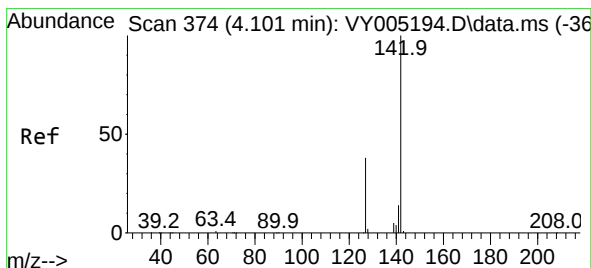
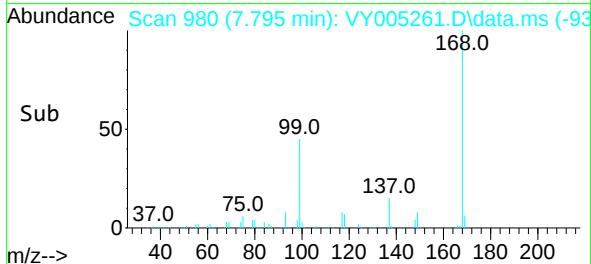
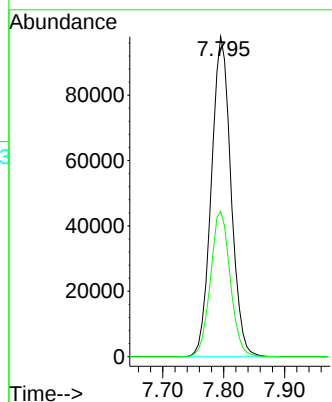
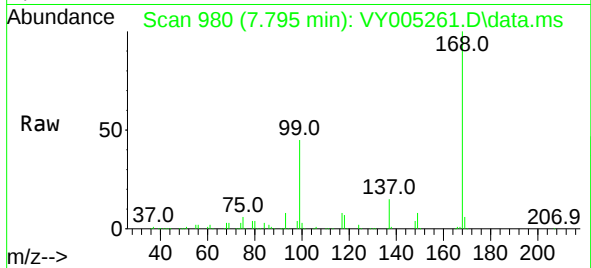




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

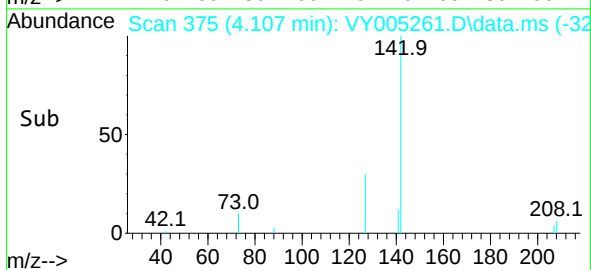
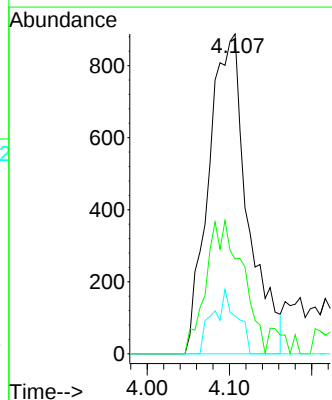
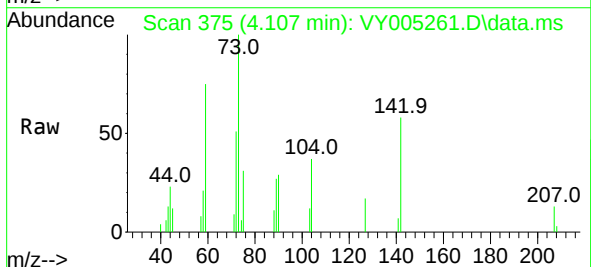
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(11.5-12)

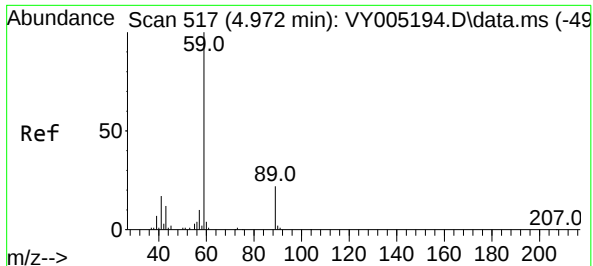
Tgt Ion:168 Resp: 218594
Ion Ratio Lower Upper
168 100
99 45.4 36.2 54.4



#10
Methyl Iodide
Concen: 1.147 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

Tgt Ion:142 Resp: 2922
Ion Ratio Lower Upper
142 100
127 39.0 31.3 46.9
141 12.4 11.3 16.9

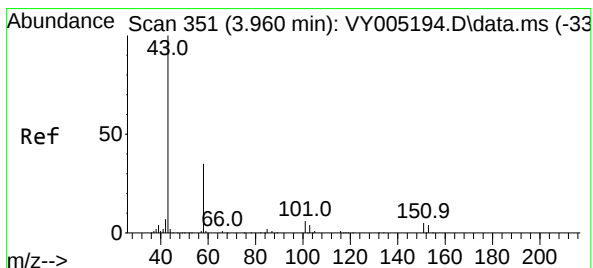
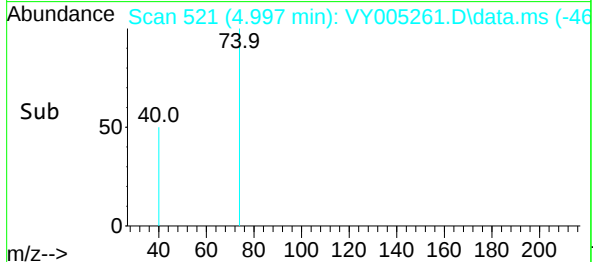
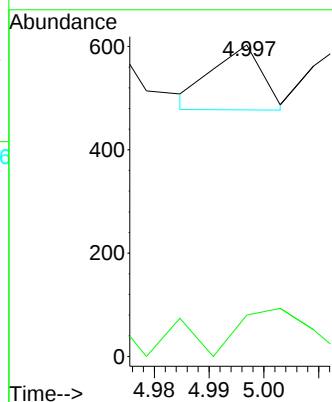
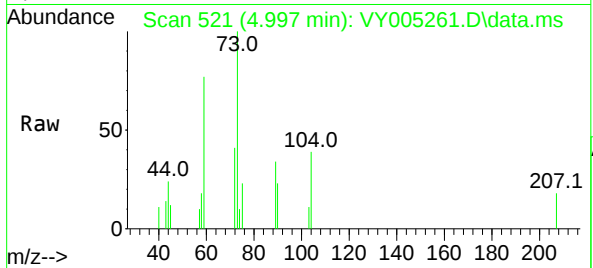




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.997 min Scan# 521
Delta R.T. 0.025 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

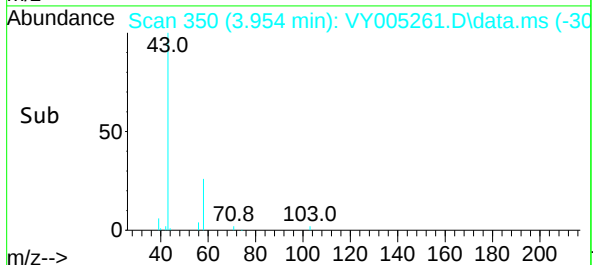
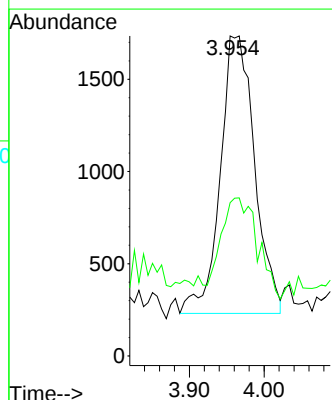
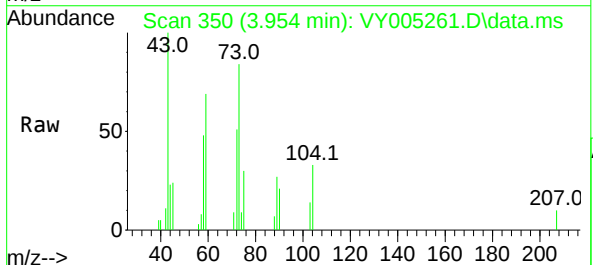
Instrument :
MSVOA_Y
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SB-3(11.5-12)

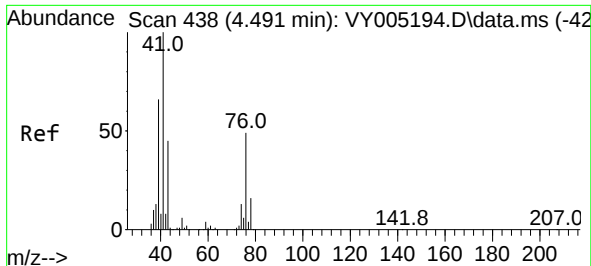
Tgt Ion: 59 Resp: 78
Ion Ratio Lower Upper
59 100
57 105.1 6.5 9.7#



#16
Acetone
Concen: 11.509 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

Tgt Ion: 43 Resp: 4823
Ion Ratio Lower Upper
43 100
58 34.7 28.2 42.2

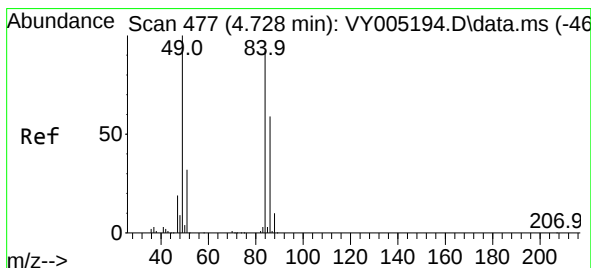
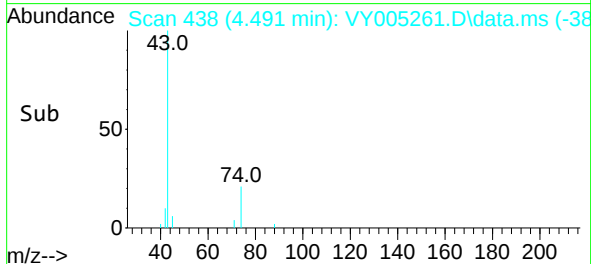
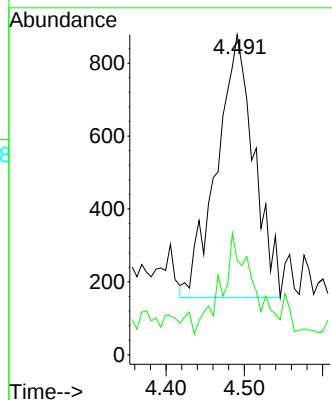
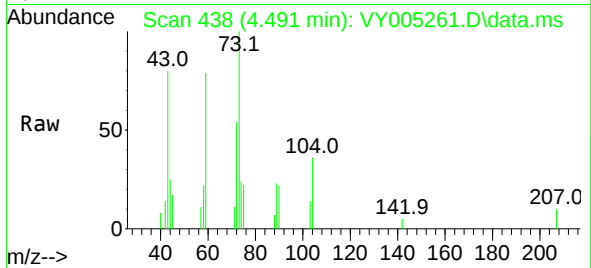




#18
Methyl Acetate
Concen: 2.150 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

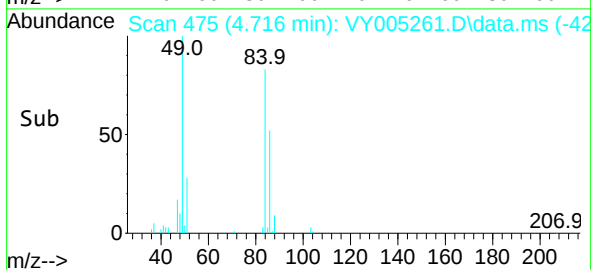
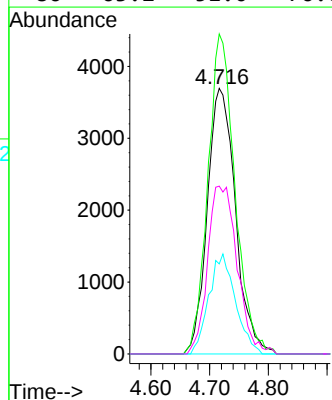
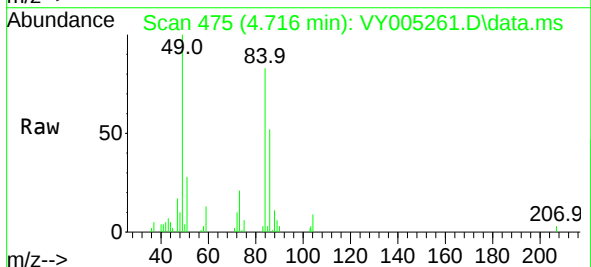
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(11.5-12)

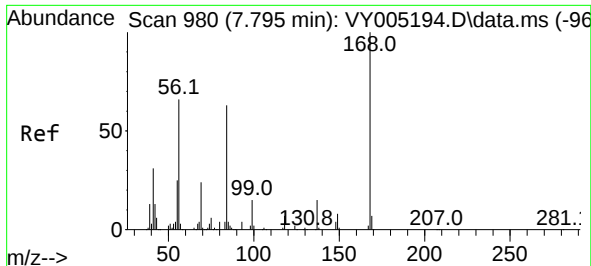
Tgt Ion: 43 Resp: 2394
Ion Ratio Lower Upper
43 100
74 32.4 22.5 33.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

Tgt Ion: 84 Resp: 12320
Ion Ratio Lower Upper
84 100
49 120.5 86.9 130.3
51 33.9 27.4 41.2
86 63.2 51.0 76.6

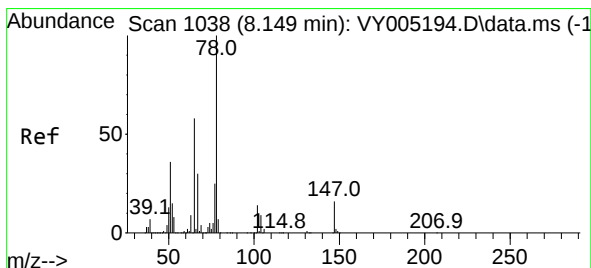
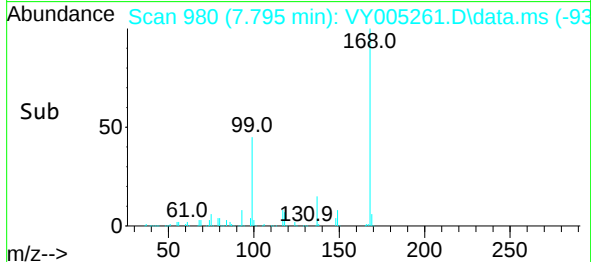
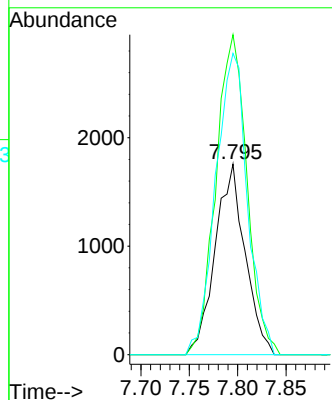
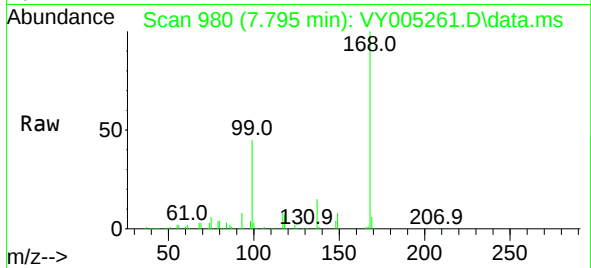




#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

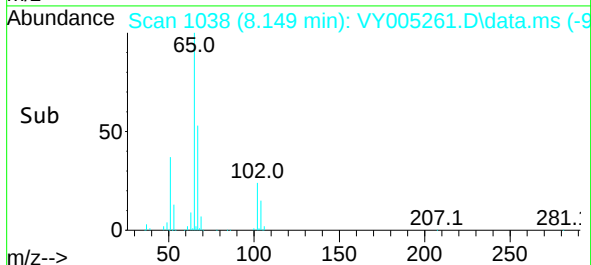
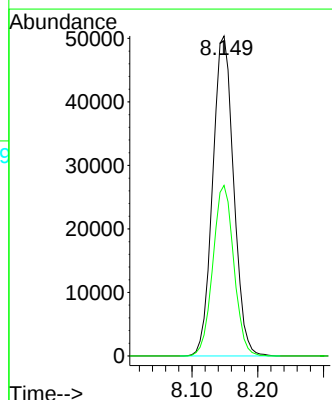
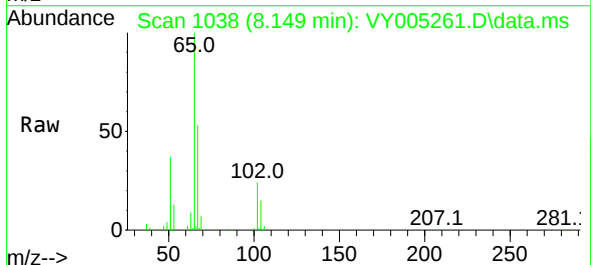
Instrument :
MSVOA_Y
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SB-3(11.5-12)

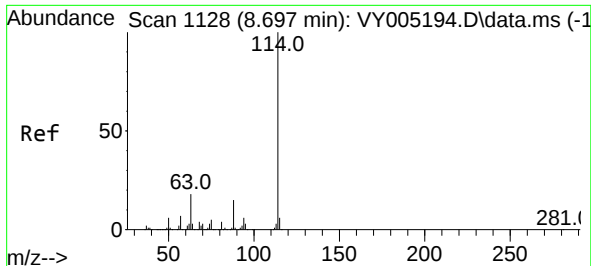
Tgt Ion: 56 Resp: 3783
Ion Ratio Lower Upper
56 100
69 168.0 29.6 44.4#
84 158.1 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 61.589 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

Tgt Ion: 65 Resp: 111724
Ion Ratio Lower Upper
65 100
67 53.2 0.0 110.6

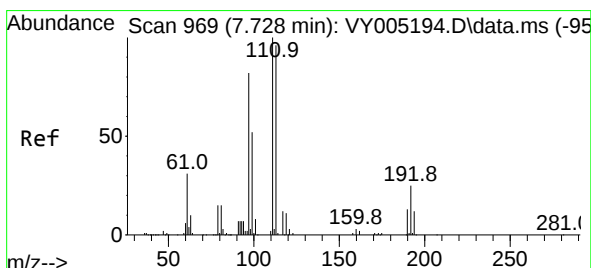
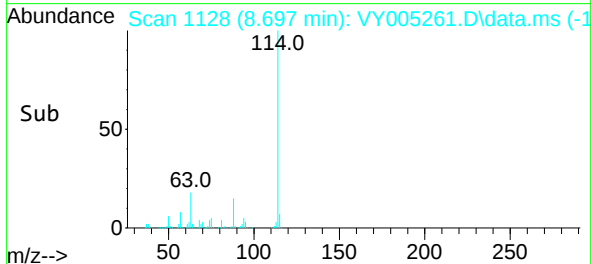
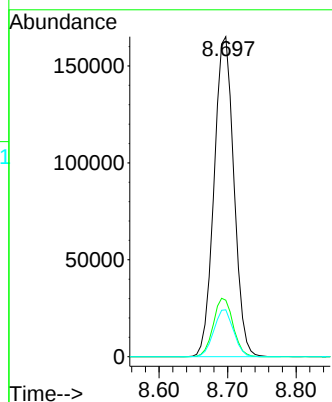
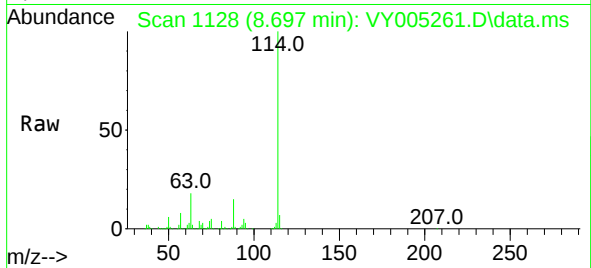




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

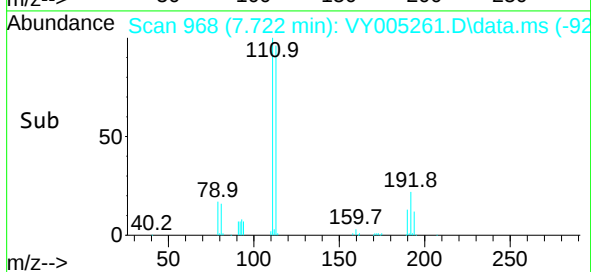
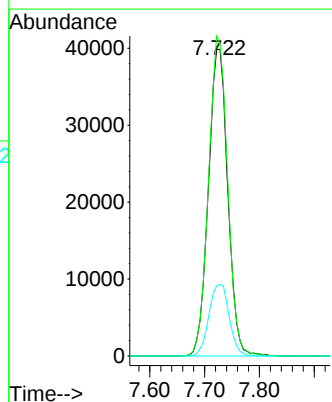
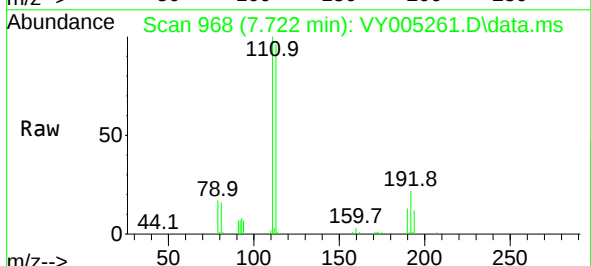
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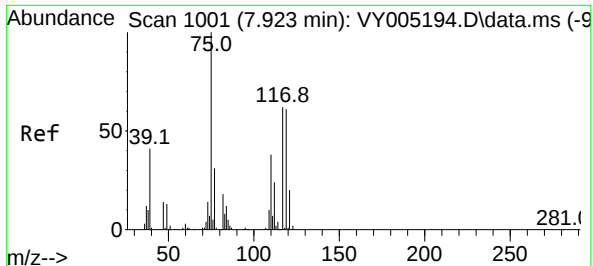
Tgt Ion:114 Resp: 330305
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.2
88 14.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 50.291 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

Tgt Ion:113 Resp: 97966
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 24.3 20.2 30.2

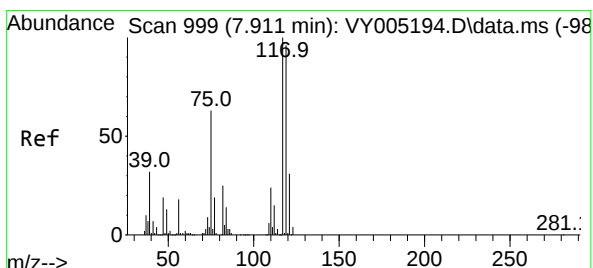
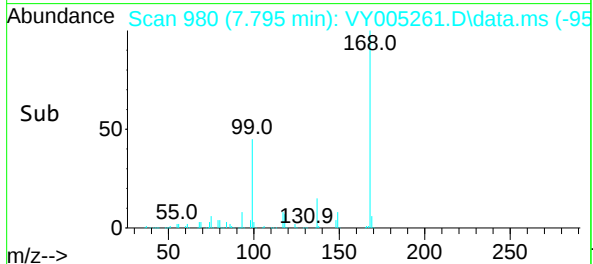
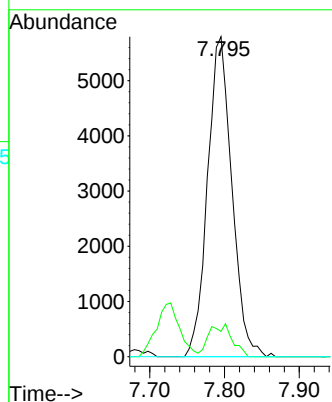
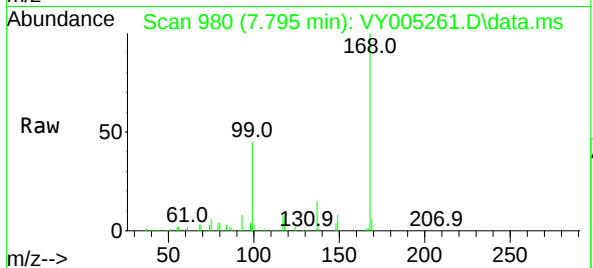




#36
 1,1-Dichloropropene
 Concen: 4.500 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005261.D
 Acq: 28 Jun 2021 19:52

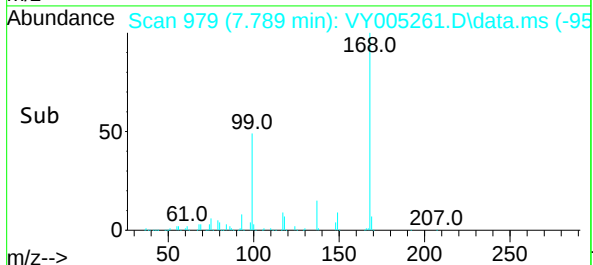
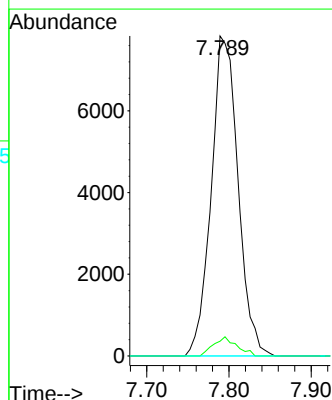
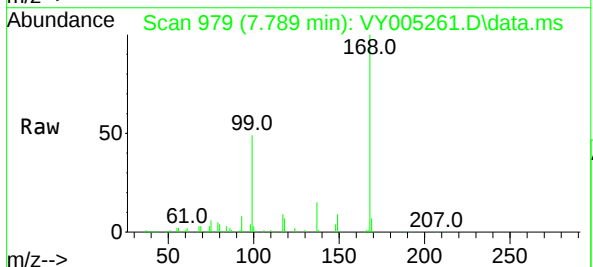
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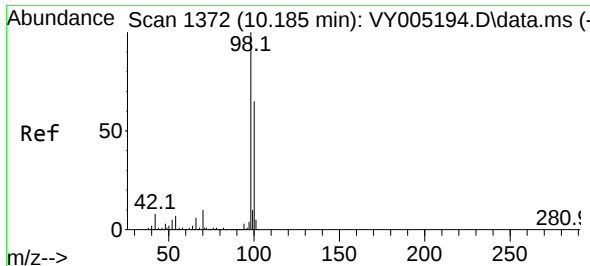
Tgt Ion: 75 Resp: 13089
 Ion Ratio Lower Upper
 75 100
 110 9.7 19.1 57.5#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 5.832 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.122 min
 Lab File: VY005261.D
 Acq: 28 Jun 2021 19:52

Tgt Ion: 117 Resp: 17758
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.2 114.4#
 121 0.0 24.7 37.1#

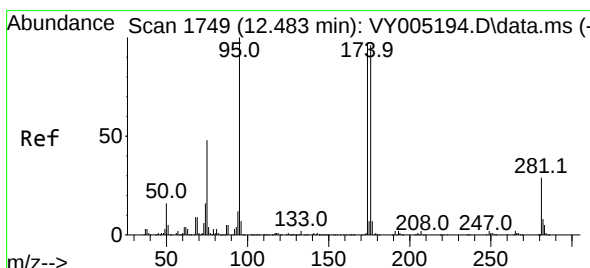
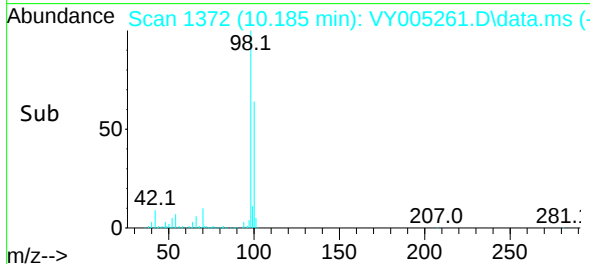
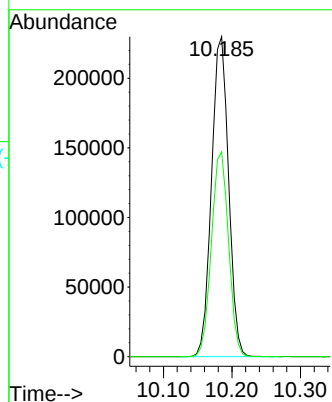
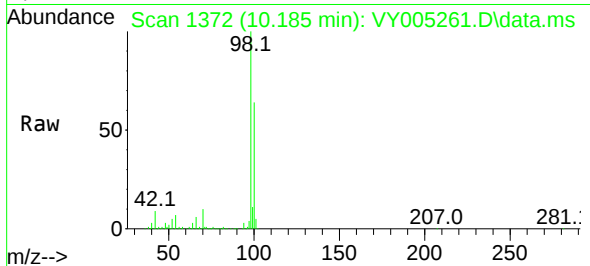




#50
Toluene-d8
Concen: 50.868 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

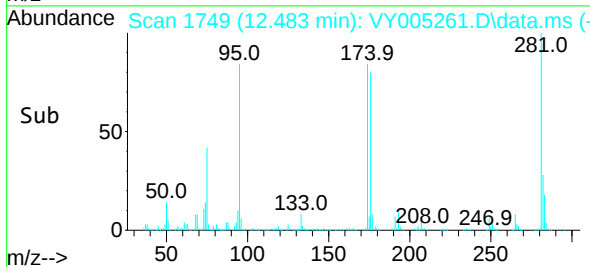
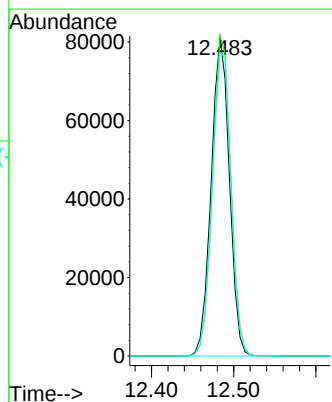
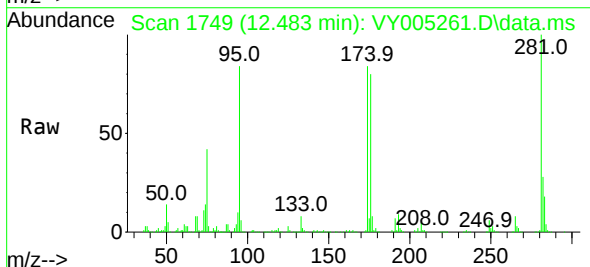
Instrument :
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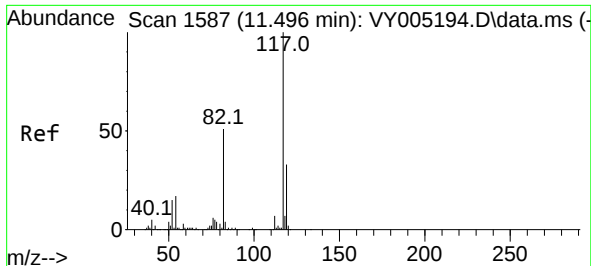
Tgt Ion: 98 Resp: 396268
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.099 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

Tgt Ion: 95 Resp: 124861
Ion Ratio Lower Upper
95 100
174 101.2 0.0 201.6
176 98.3 0.0 197.4

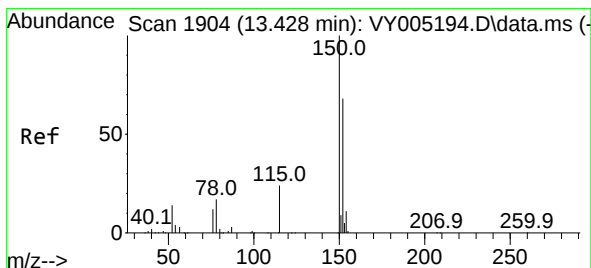
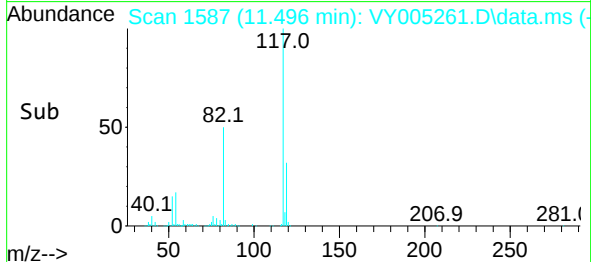
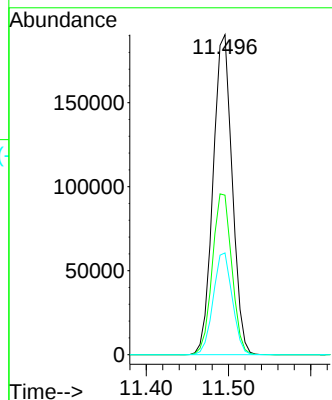
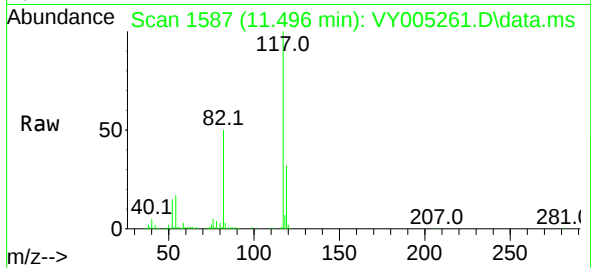




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

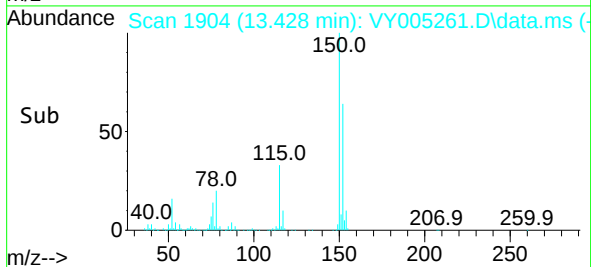
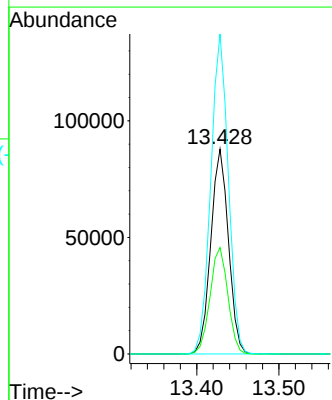
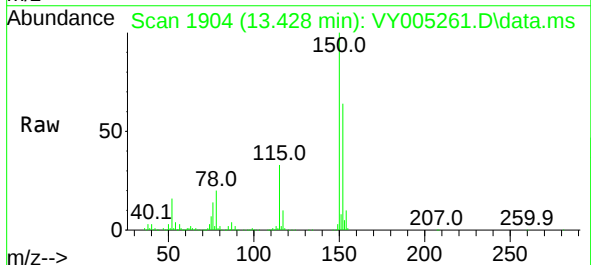
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(11.5-12)

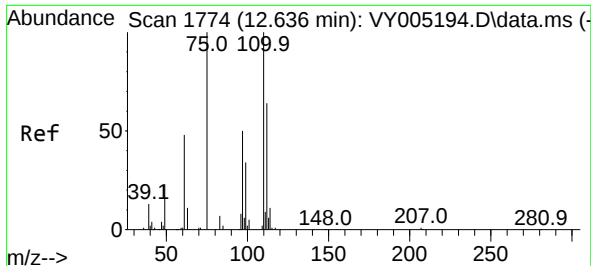
Tgt Ion:117 Resp: 307705
Ion Ratio Lower Upper
117 100
82 49.8 40.6 60.8
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

Tgt Ion:152 Resp: 130895
Ion Ratio Lower Upper
152 100
115 52.4 26.3 78.8
150 155.4 0.0 344.2

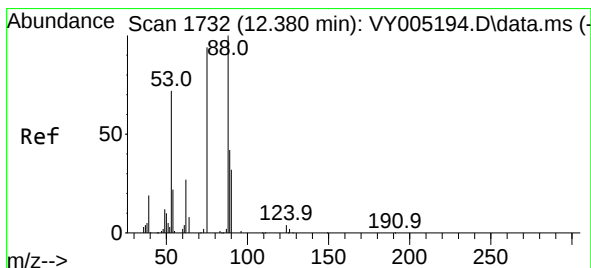
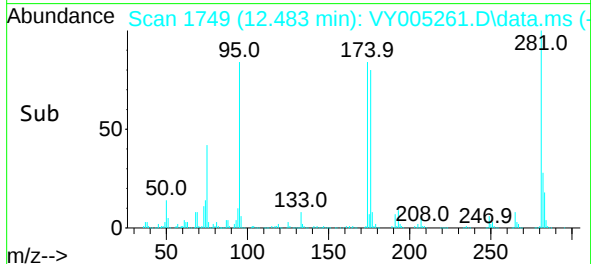
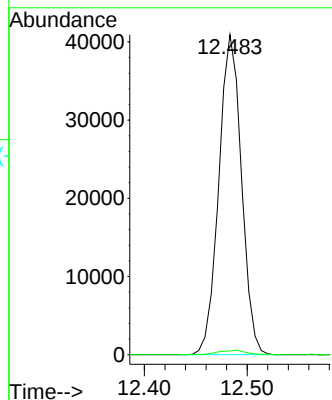
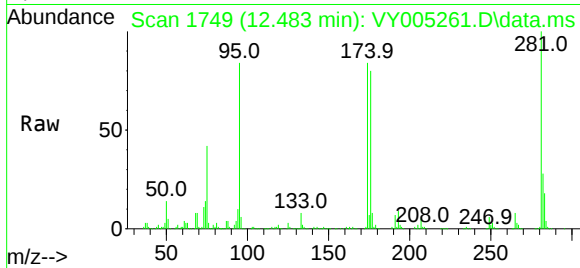




#76
1,2,3-Trichloropropane
Concen: 53.888 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

Instrument :
MSVOA_Y
ClientSampleId :
SB-3(11.5-12)

Tgt Ion: 75 Resp: 62558
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.542 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005261.D
Acq: 28 Jun 2021 19:52

Tgt Ion: 75 Resp: 62558
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 1.6 38.0 57.0#

