

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004132.D
 Acq On : 19 Mar 2021 12:28
 Operator : SY/MD
 Sample : M1686-01RE
 Misc : 5.09g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-VAN-WINKLE-STREET

Quant Time: Mar 20 03:12:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

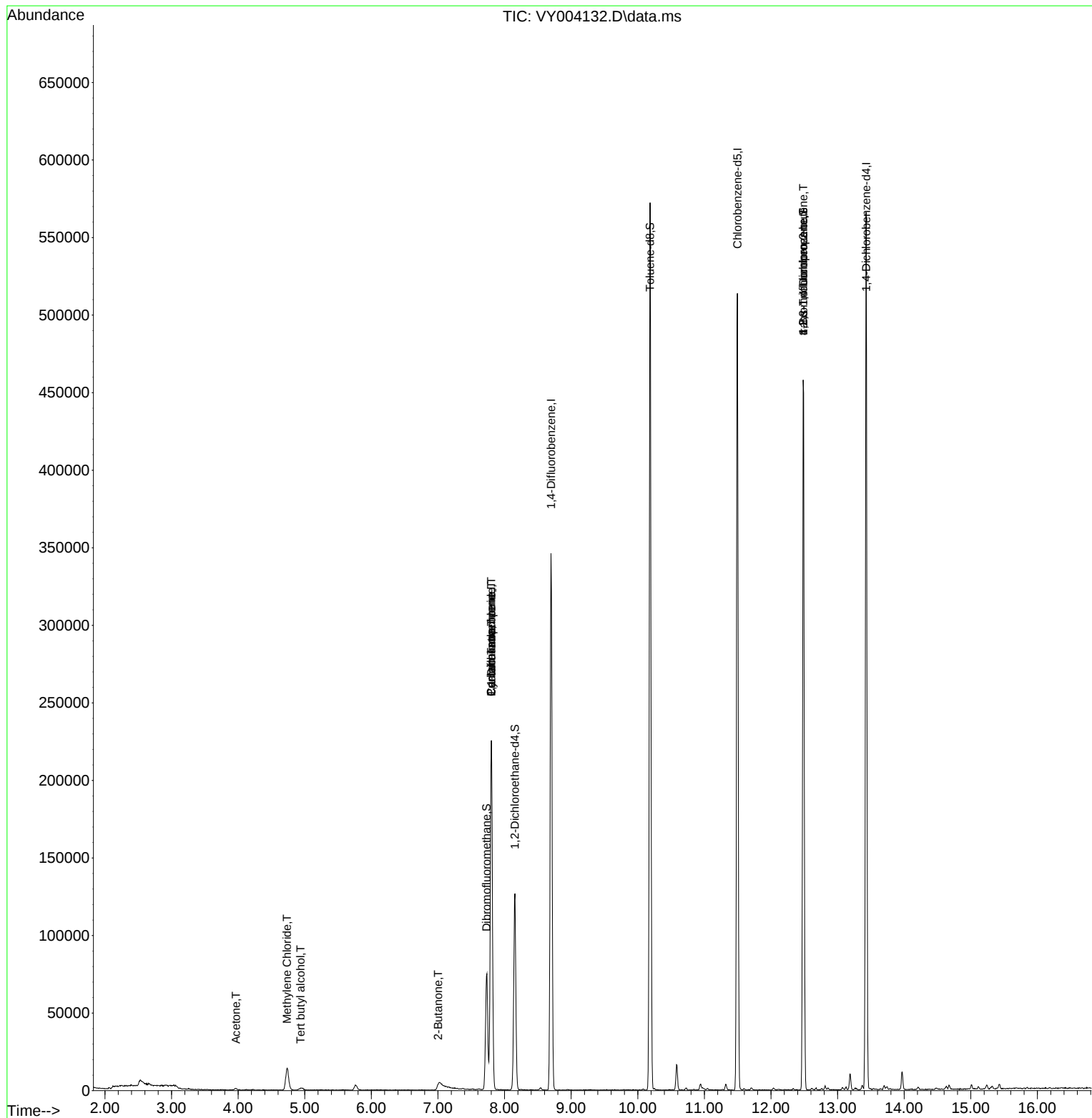
Internal Standards						
1) Pentafluorobenzene	7.801	168	179614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	285146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	95884	54.09	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.18%			
35) Dibromofluoromethane	7.728	113	52357	30.59	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 61.18%			
50) Toluene-d8	10.185	98	361015	53.80	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.60%			
62) 4-Bromofluorobenzene	12.483	95	130271	52.57	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.14%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	60	Below Cal	#	41
3) Chloromethane	2.119	50	553	Below Cal		98
11) Tert butyl alcohol	4.936	59	838	5.23 ug/l	#	76
16) Acetone	3.967	43	2086	4.88 ug/l	#	79
20) Methylene Chloride	4.735	84	11466	1.82 ug/l		85
25) 2-Butanone	7.003	43	675	1.09 ug/l	#	51
31) Cyclohexane	7.801	56	3638	1.17 ug/l	#	19
36) 1,1-Dichloropropene	7.801	75	13160	4.94 ug/l	#	51
38) Carbon Tetrachloride	7.801	117	18002	6.36 ug/l	#	16
58) 2-Chloroethyl Vinyl ether	9.789	63	151	Below Cal	#	47
76) 1,2,3-Trichloropropane	12.483	75	68895	50.68 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68895	100.02 ug/l	#	13

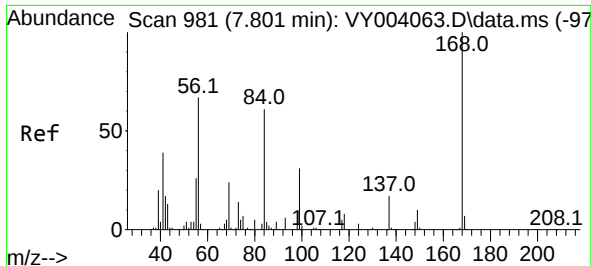
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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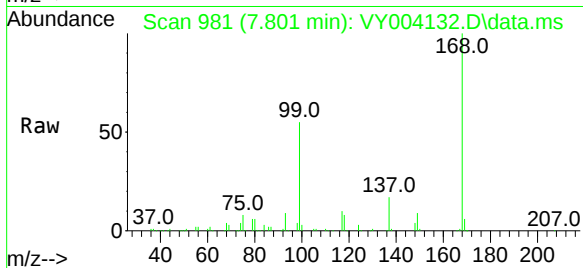
Quant Time: Mar 20 03:12:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
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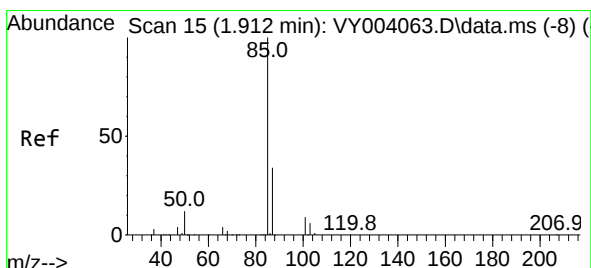
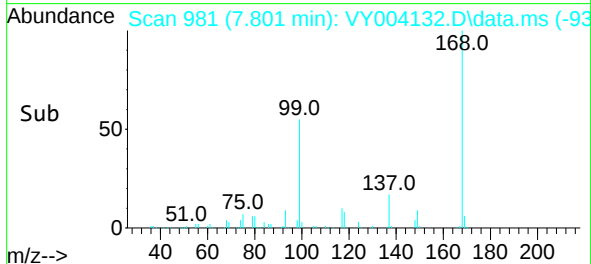
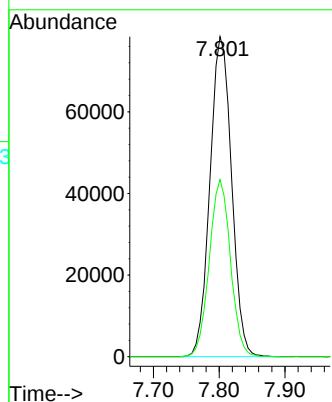


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

Instrument :
MSVOA_Y
ClientSampleId :
SW-VAN-WINKLE-STREET

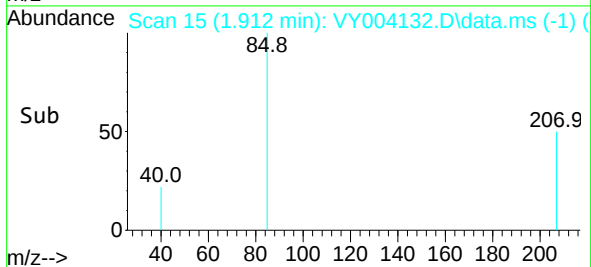
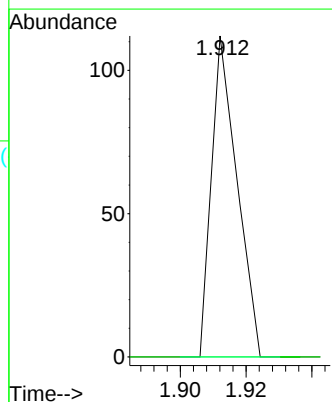
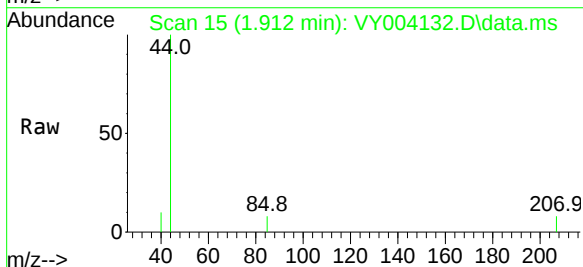


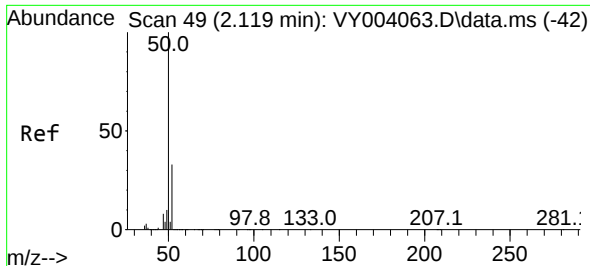
Tgt Ion:168 Resp: 179614
Ion Ratio Lower Upper
168 100
99 55.4 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

Tgt Ion: 85 Resp: 60
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

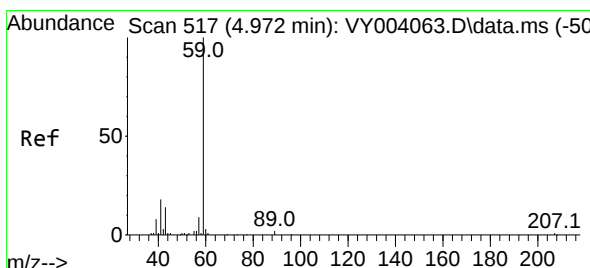
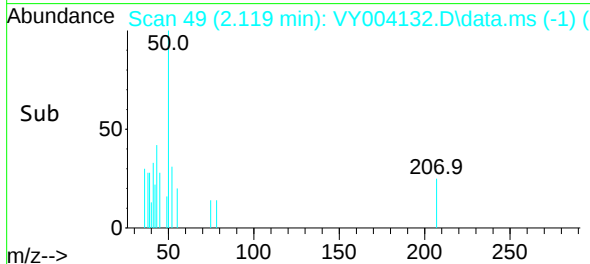
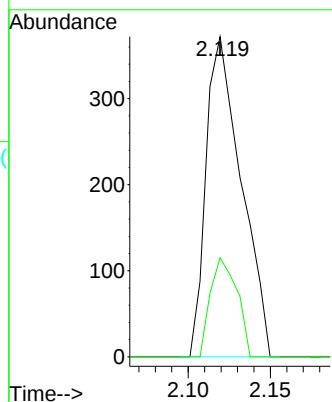
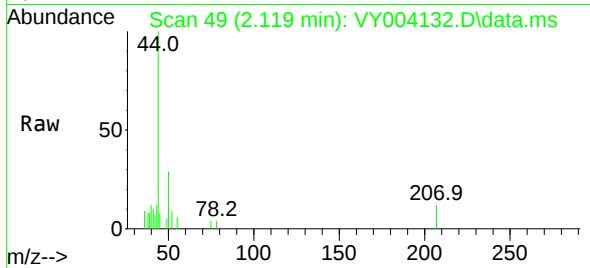




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

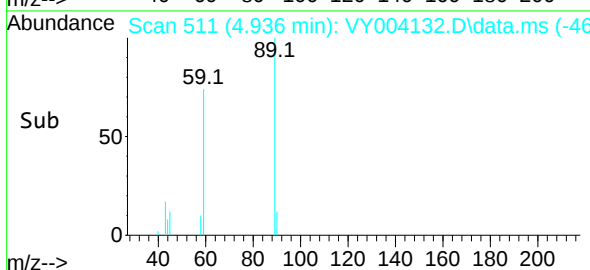
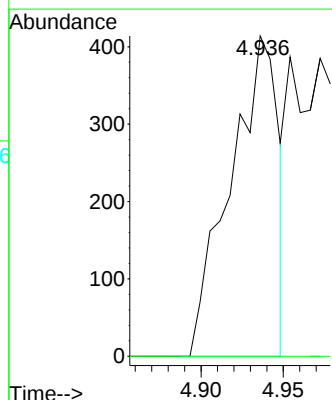
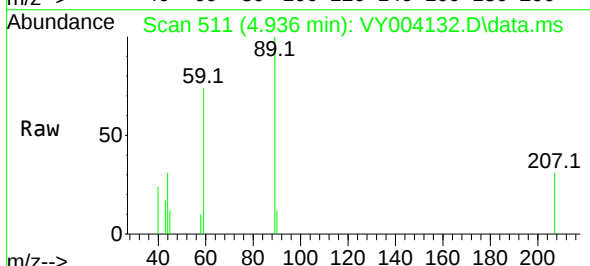
Instrument :
MSVOA_Y
ClientSampleId :
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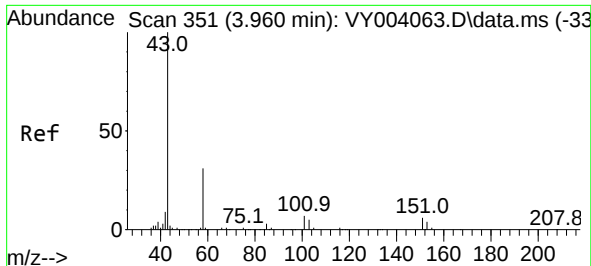
Tgt Ion: 50 Resp: 553
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.2



#11
Tert butyl alcohol
Concen: 5.23 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.036 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

Tgt Ion: 59 Resp: 838
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

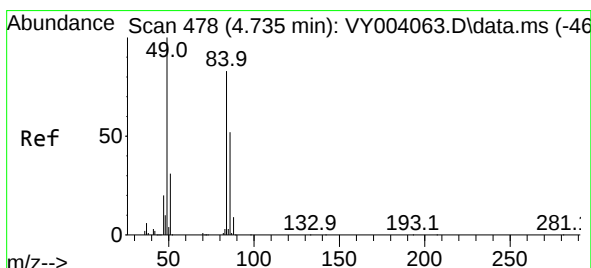
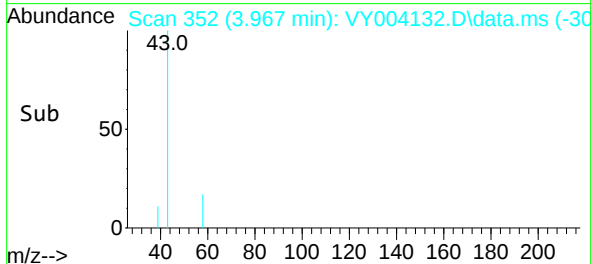
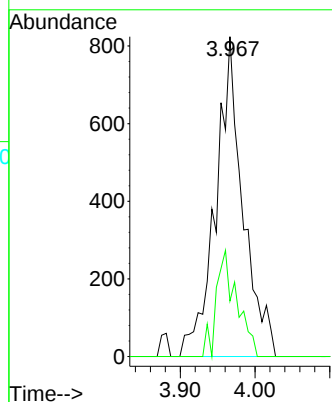
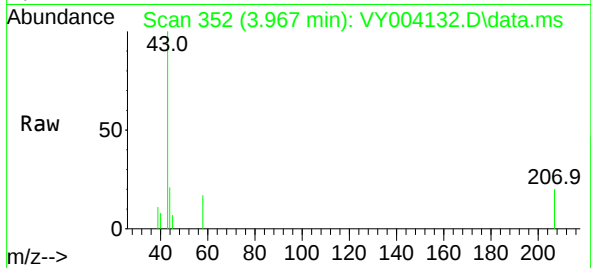




#16
Acetone
Concen: 4.88 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

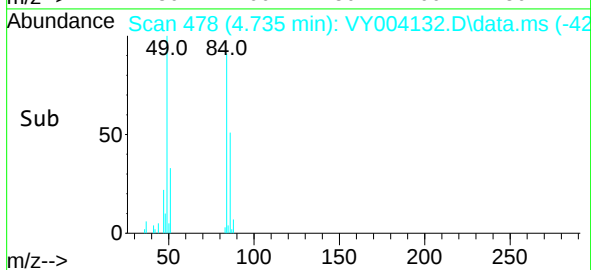
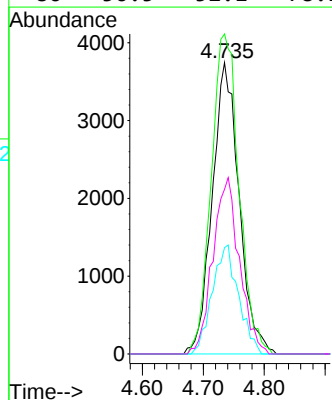
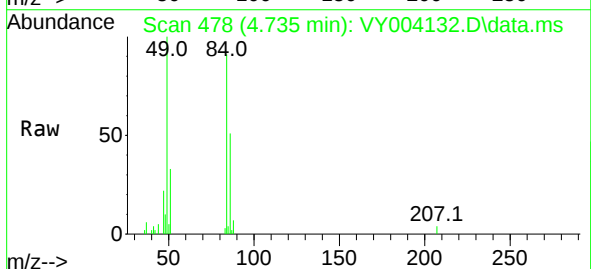
Instrument :
MSVOA_Y
ClientSampleId :
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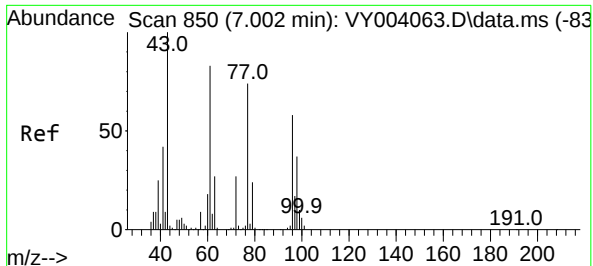
Tgt Ion: 43 Resp: 2086
Ion Ratio Lower Upper
43 100
58 17.4 22.6 34.0#



#20
Methylene Chloride
Concen: 1.82 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

Tgt Ion: 84 Resp: 11466
Ion Ratio Lower Upper
84 100
49 109.8 105.8 158.6
51 36.4 32.6 48.8
86 56.5 52.1 78.1

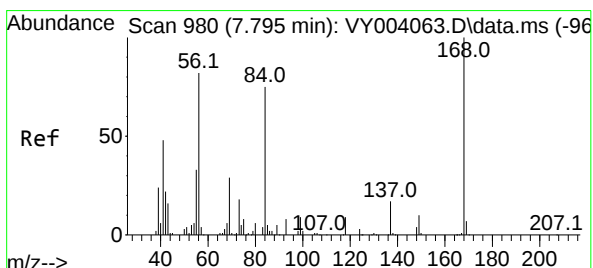
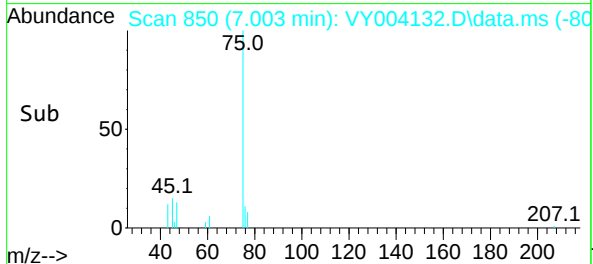
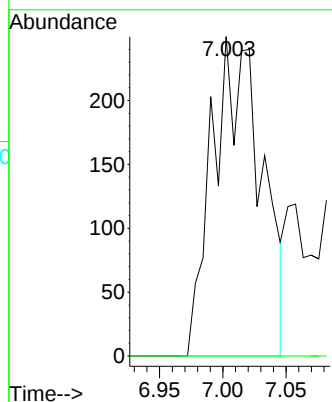
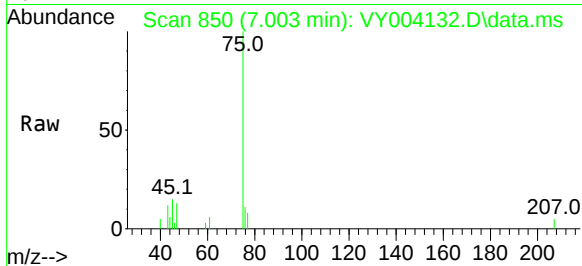




#25
2-Butanone
Concen: 1.09 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.001 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

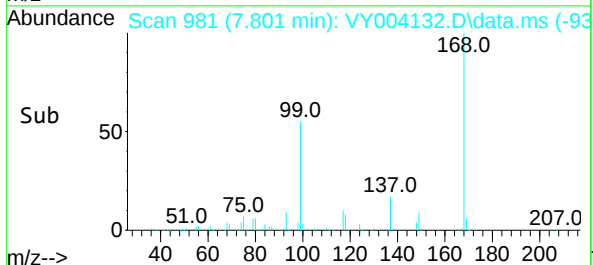
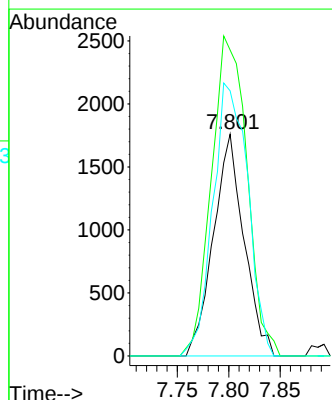
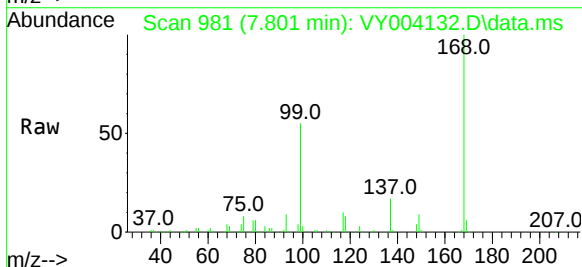
Instrument :
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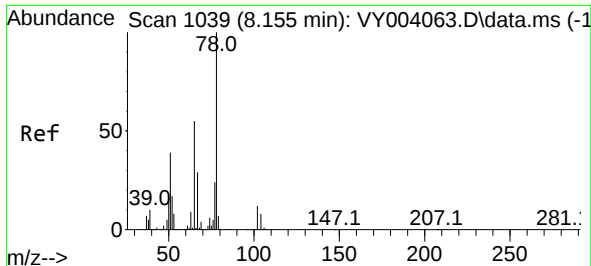
Tgt Ion: 43 Resp: 675
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.0#



#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

Tgt Ion: 56 Resp: 3638
Ion Ratio Lower Upper
56 100
69 138.0 25.3 37.9#
84 119.6 67.3 100.9#

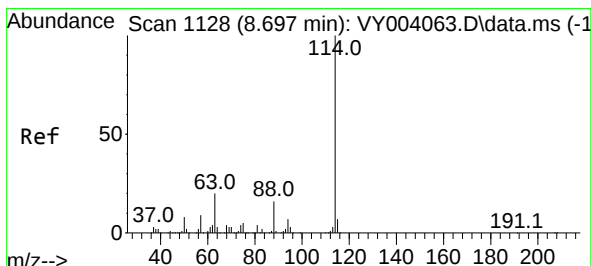
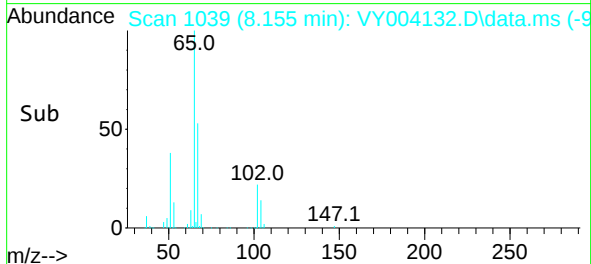
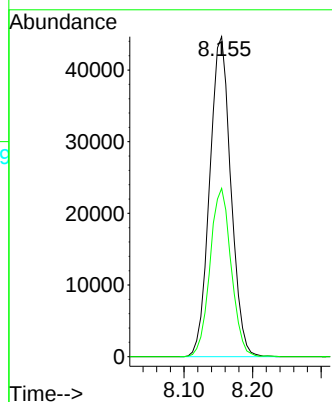
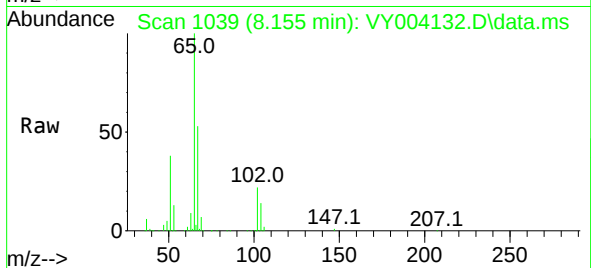




#33
1,2-Dichloroethane-d4
Concen: 54.09 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

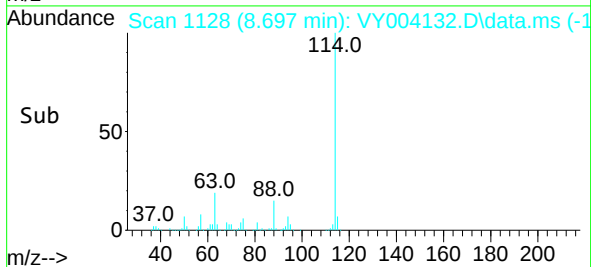
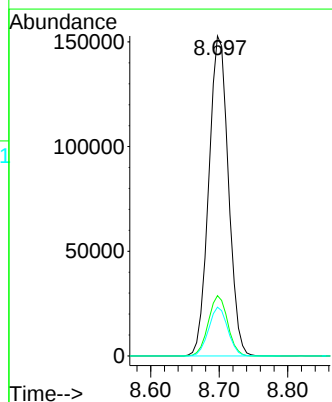
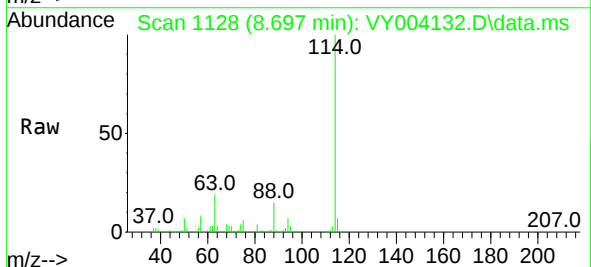
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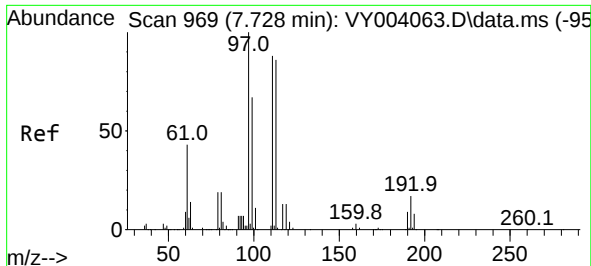
Tgt Ion: 65 Resp: 95884
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

Tgt Ion:114 Resp: 303504
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.3 0.0 31.4

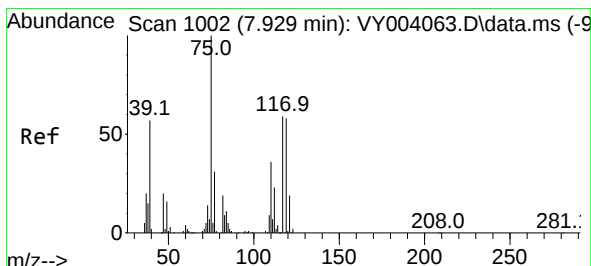
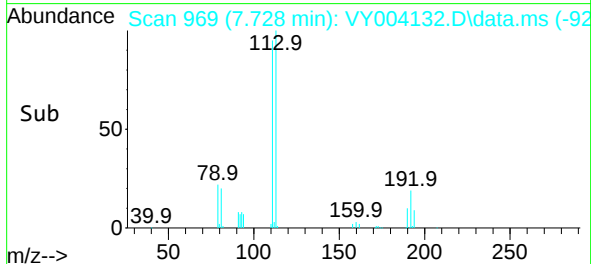
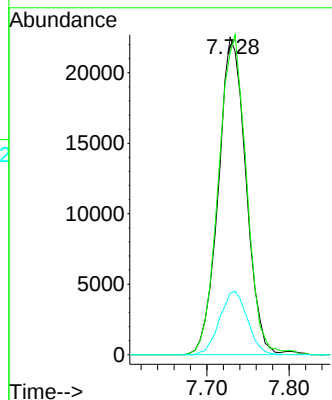
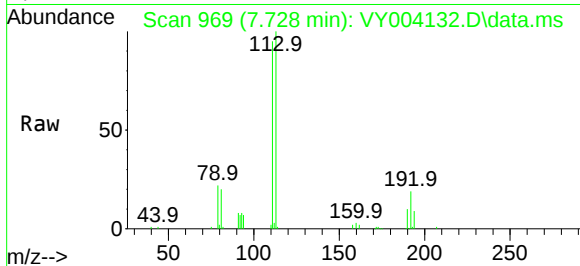




#35
Dibromofluoromethane
Concen: 30.59 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

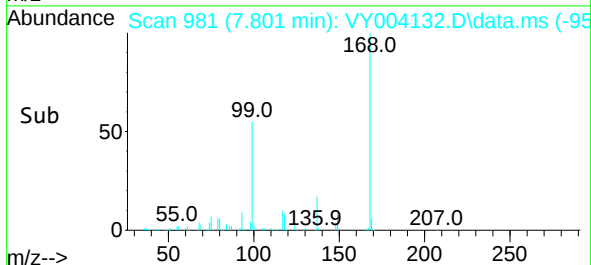
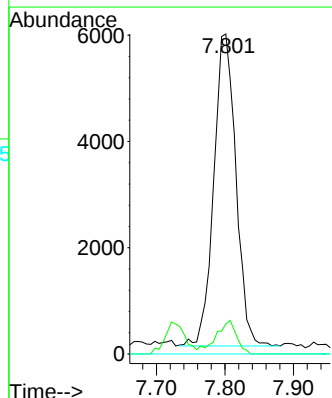
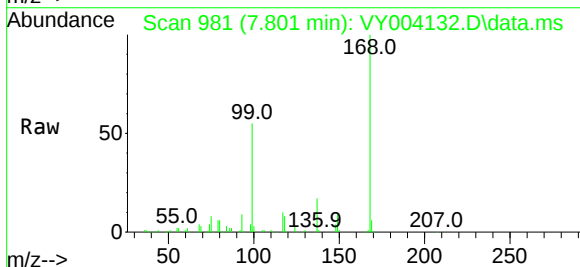
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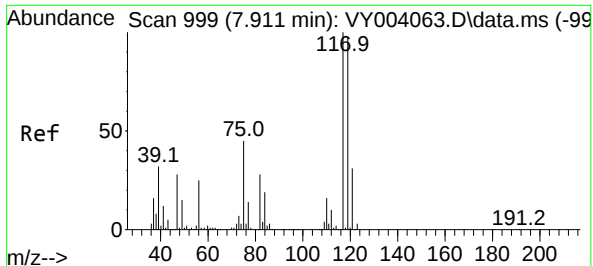
Tgt Ion:113 Resp: 52357
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 20.1 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.94 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

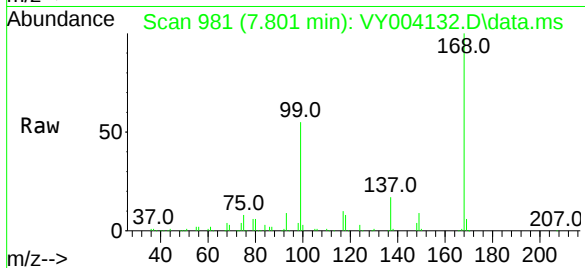
Tgt Ion: 75 Resp: 13160
Ion Ratio Lower Upper
75 100
110 10.0 17.4 52.3#
77 0.0 24.5 36.7#



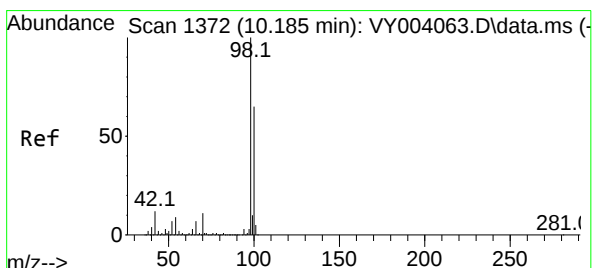
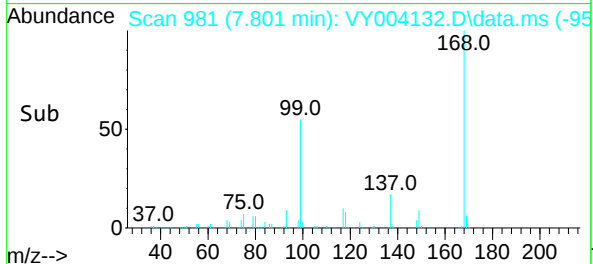
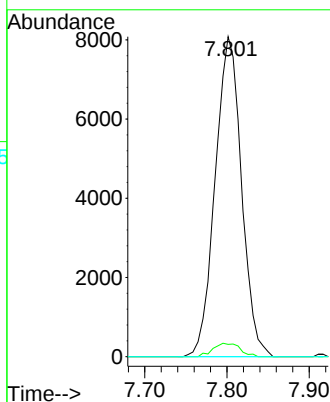


#38
Carbon Tetrachloride
Concen: 6.36 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

Instrument :
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ClientSampleId :
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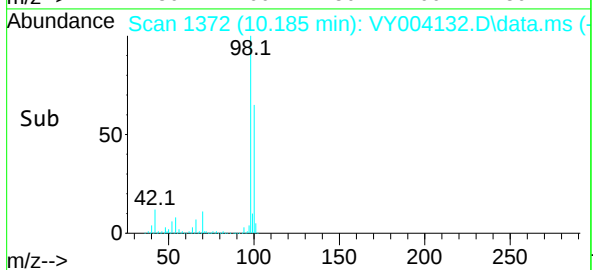
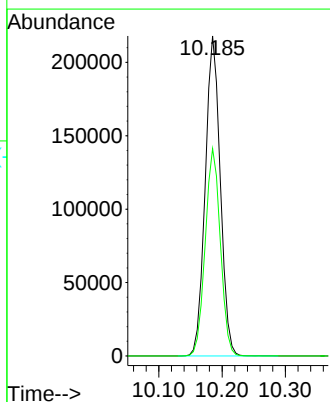
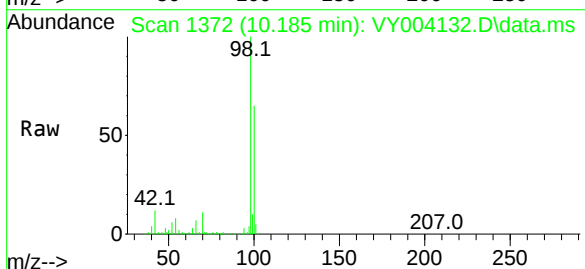


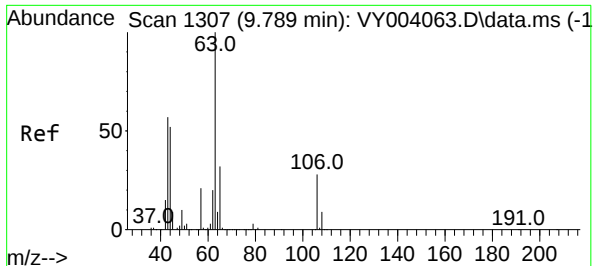
Tgt Ion:117 Resp: 18002
Ion Ratio Lower Upper
117 100
119 3.9 75.4 113.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.80 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

Tgt Ion: 98 Resp: 361015
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6

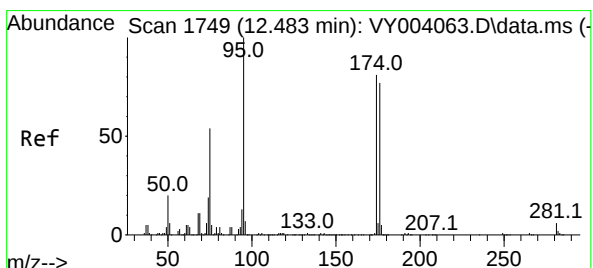
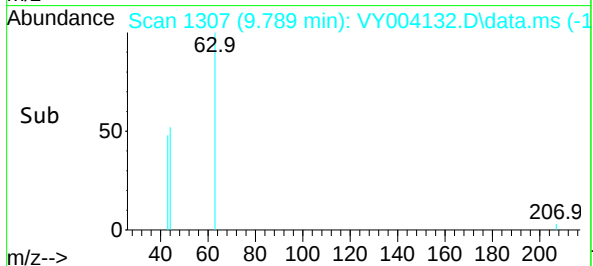
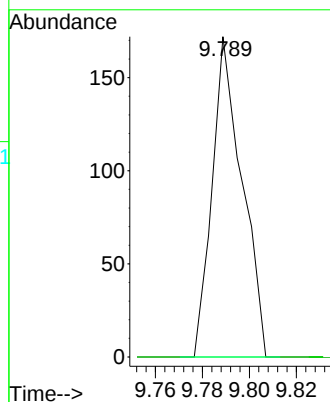
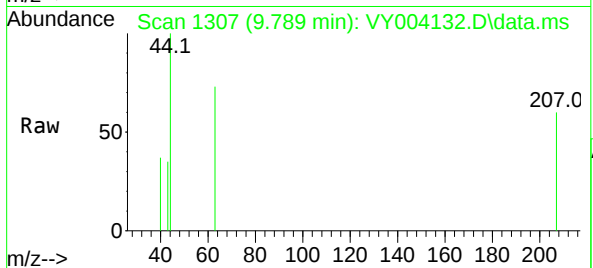




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

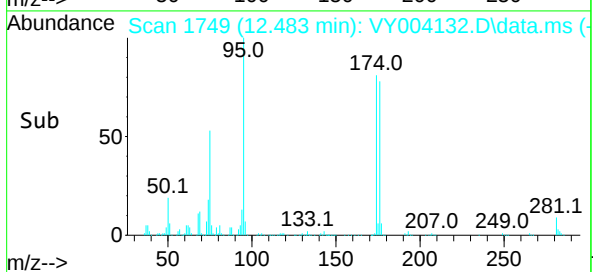
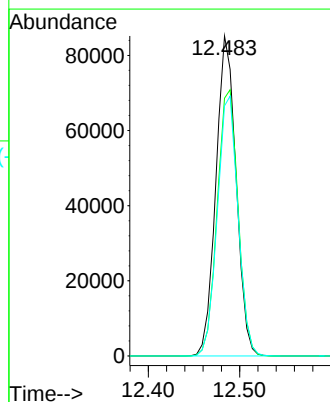
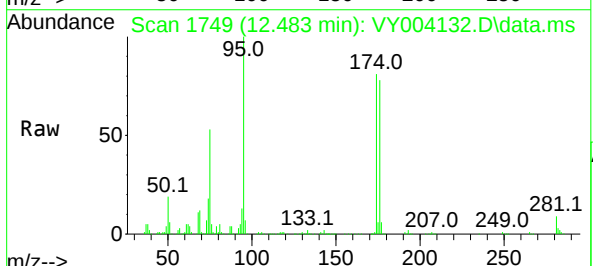
Instrument :
MSVOA_Y
ClientSampleId :
SW-VAN-WINKLE-STREET

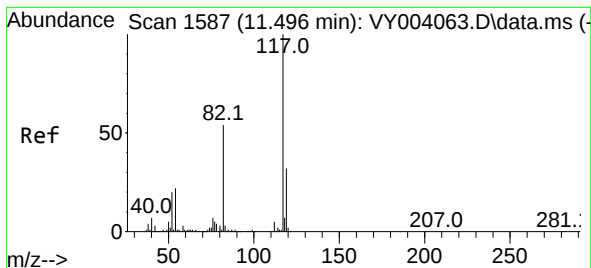
Tgt Ion: 63 Resp: 151
Ion Ratio Lower Upper
63 100
106 0.0 22.1 33.1#



#62
4-Bromofluorobenzene
Concen: 52.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

Tgt Ion: 95 Resp: 130271
Ion Ratio Lower Upper
95 100
174 86.3 0.0 179.0
176 83.5 0.0 174.4

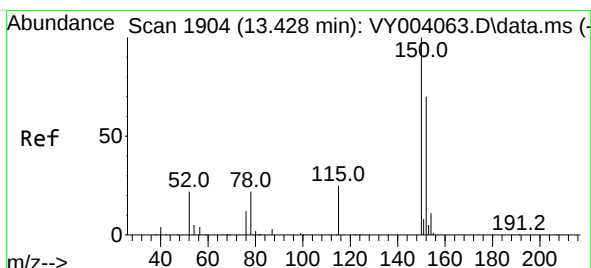
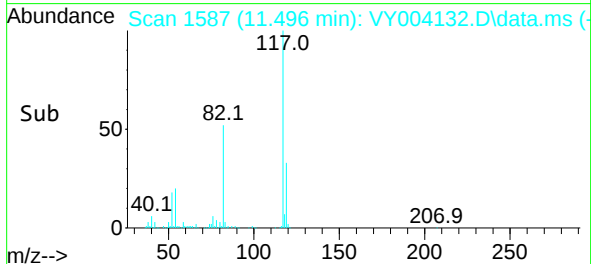
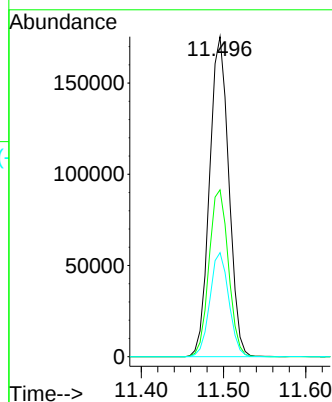
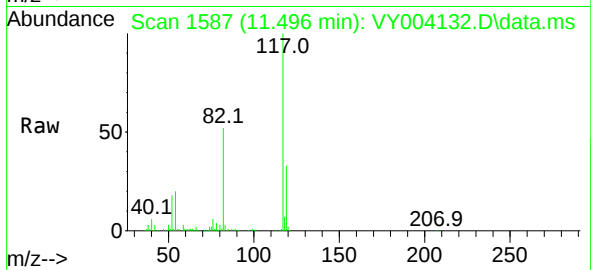




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

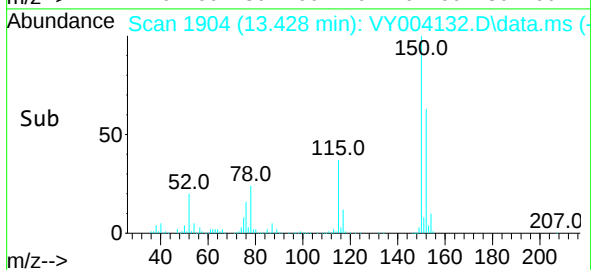
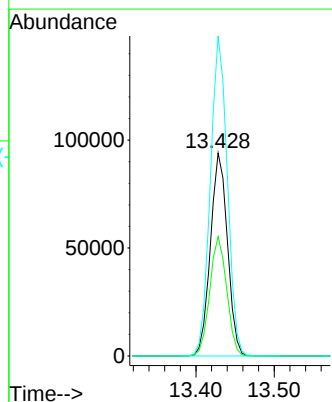
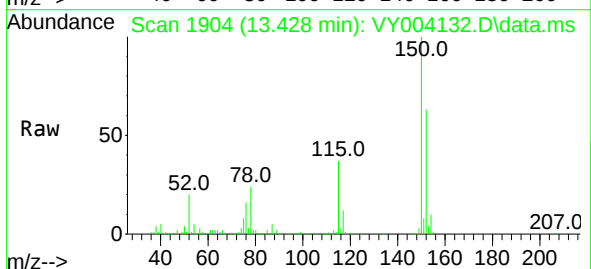
Instrument :
MSVOA_Y
ClientSampleId :
SW-VAN-WINKLE-STREET

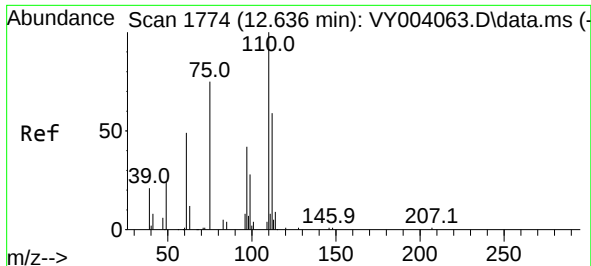
Tgt Ion:117 Resp: 285146
Ion Ratio Lower Upper
117 100
82 52.1 43.8 65.6
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

Tgt Ion:152 Resp: 141780
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.6
150 156.9 0.0 347.2

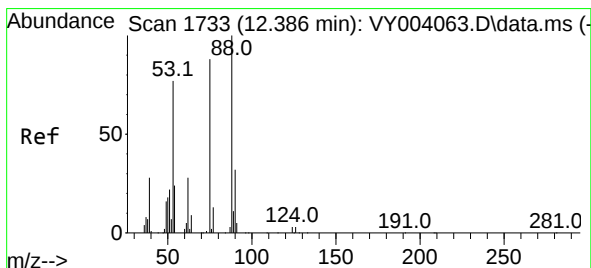
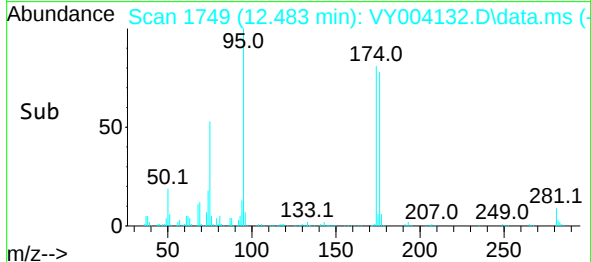
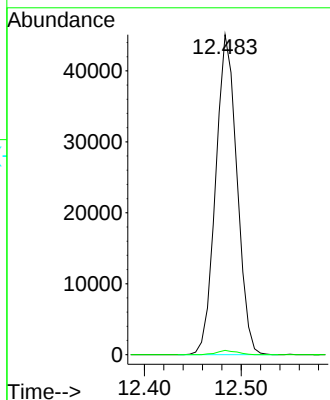
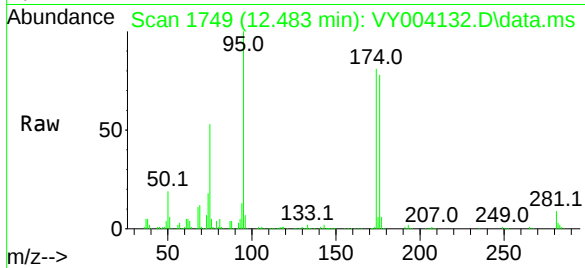




#76
1,2,3-Trichloropropane
Concen: 50.68 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

Instrument :
MSVOA_Y
ClientSampleId :
SW-VAN-WINKLE-STREET

Tgt Ion: 75 Resp: 68895
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004132.D
Acq: 19 Mar 2021 12:28

Tgt Ion: 75 Resp: 68895
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.1 35.7 53.5#

