

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051121\
 Data File : VY004743.D
 Acq On : 11 May 2021 15:04
 Operator : SY/MD
 Sample : M2356-01
 Misc : 5.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-051121

Quant Time: May 12 00:59:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

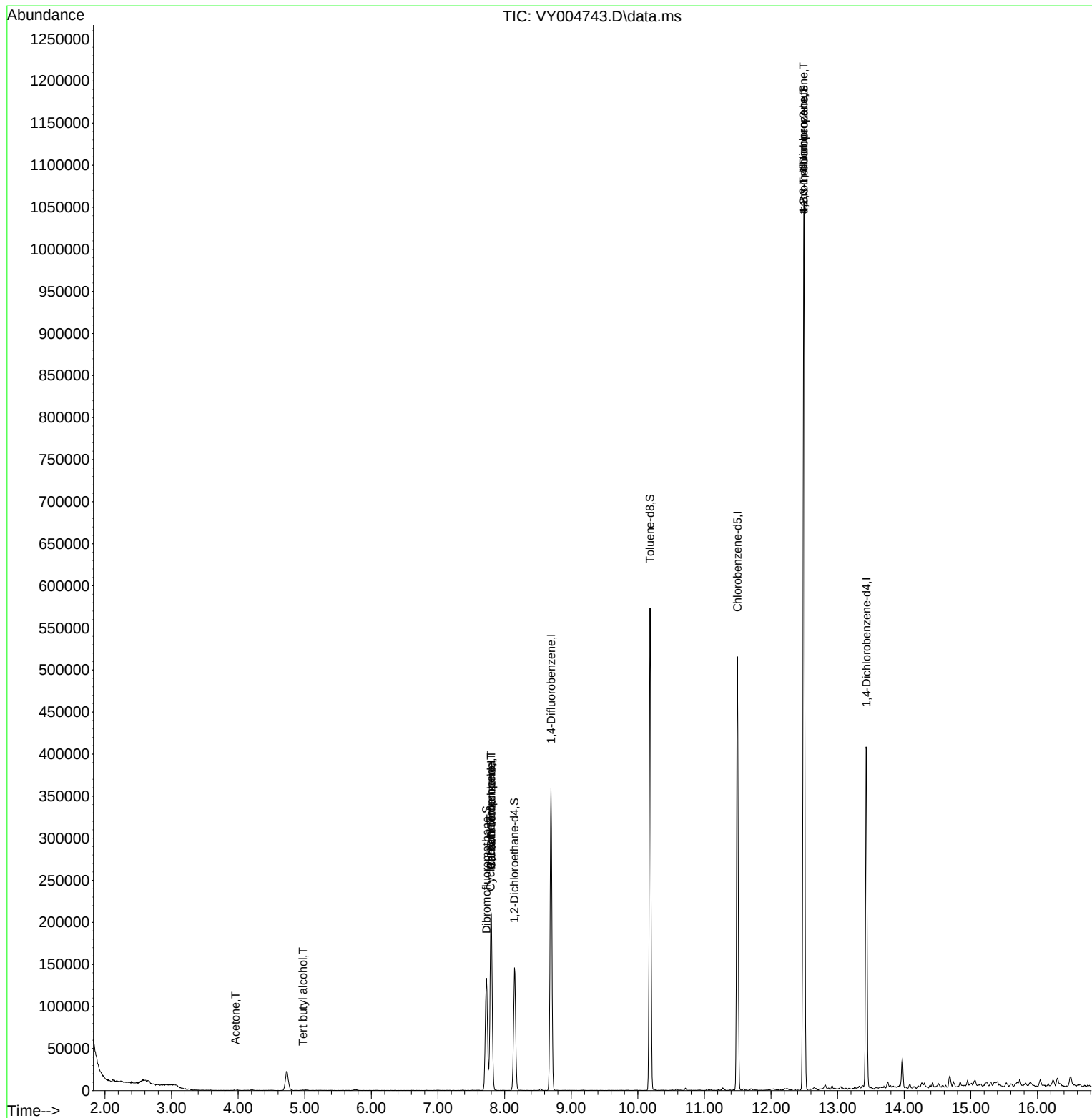
Internal Standards						
1) Pentafluorobenzene	7.801	168	160862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	286462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	259475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	99893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111047	58.00	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.00%			
35) Dibromofluoromethane	7.728	113	90997	58.02	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.04%			
50) Toluene-d8	10.185	98	349729	49.37	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.74%			
62) 4-Bromofluorobenzene	12.489	95	113149	47.32	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.64%			
Target Compounds						
11) Tert butyl alcohol	4.972	59	492	2.56	ug/l #	71
16) Acetone	3.960	43	2653	6.17	ug/l #	69
20) Methylene Chloride	4.722	84	16462	Below Cal		96
31) Cyclohexane	7.789	56	3957	1.28	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13707	4.67	ug/l #	51
38) Carbon Tetrachloride	7.801	117	16476	6.24	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	69715	65.71	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	69715	113.93	ug/l #	14

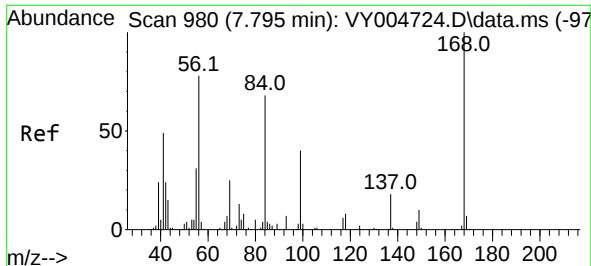
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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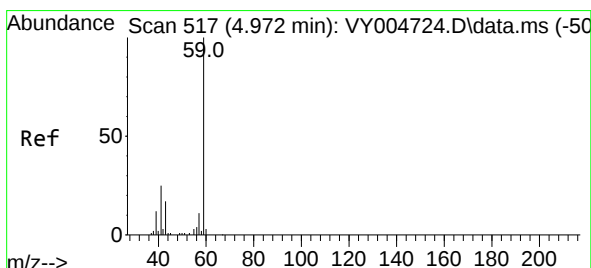
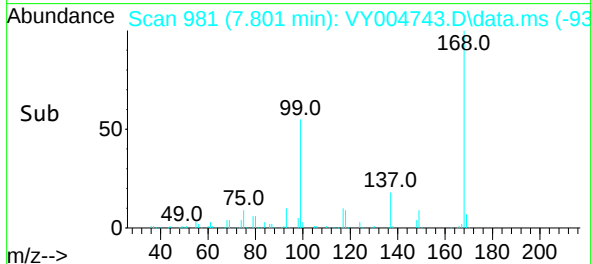
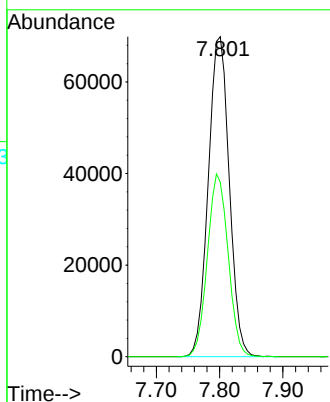
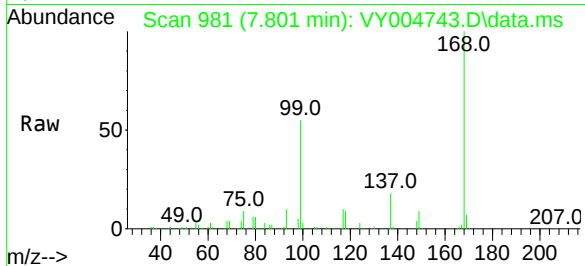




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004743.D
Acq: 11 May 2021 15:04

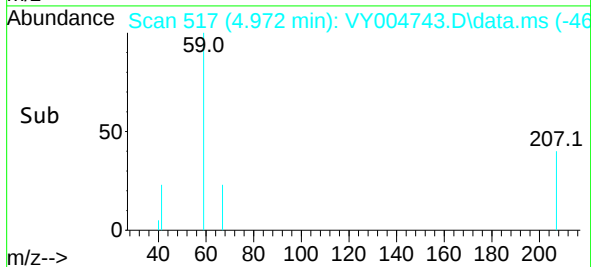
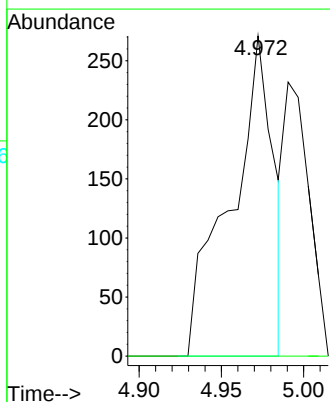
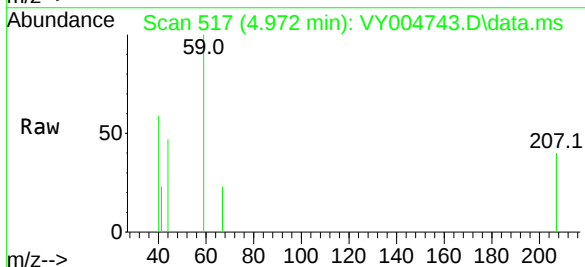
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-051121

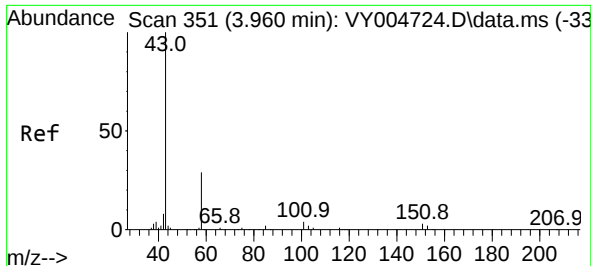
Tgt Ion:168 Resp: 160862
Ion Ratio Lower Upper
168 100
99 54.6 45.6 68.4



#11
Tert butyl alcohol
Concen: 2.56 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY004743.D
Acq: 11 May 2021 15:04

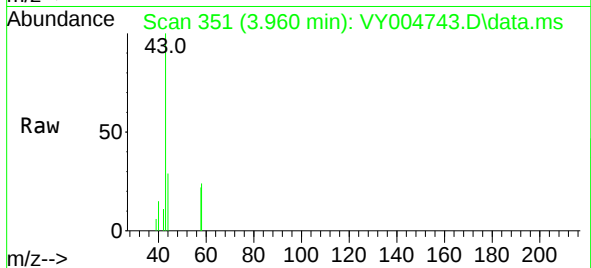
Tgt Ion: 59 Resp: 492
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



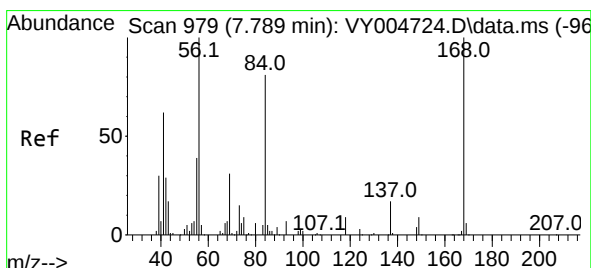
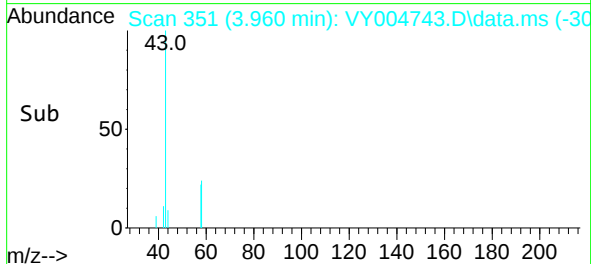
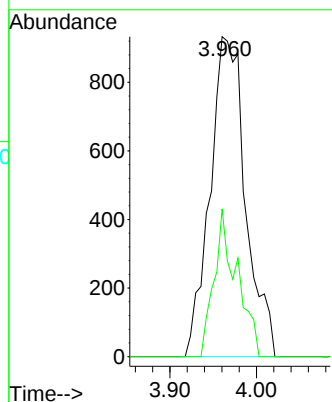


#16
Acetone
Concen: 6.17 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004743.D
Acq: 11 May 2021 15:04

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-051121

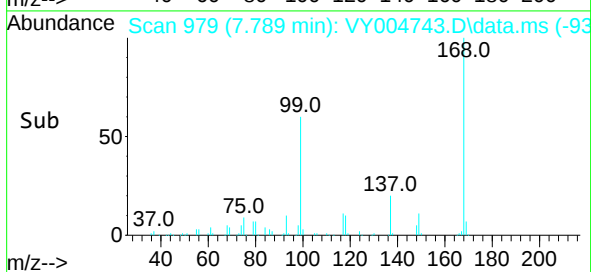
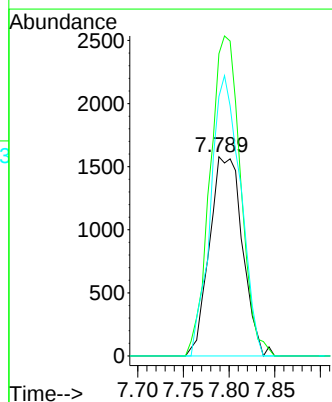
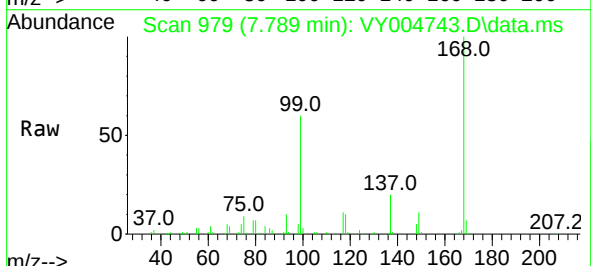


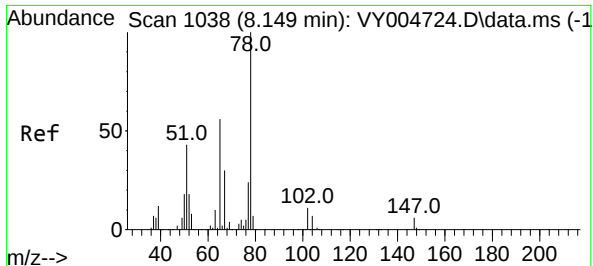
Tgt Ion: 43 Resp: 2653
Ion Ratio Lower Upper
43 100
58 46.2 23.6 35.4#



#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004743.D
Acq: 11 May 2021 15:04

Tgt Ion: 56 Resp: 3957
Ion Ratio Lower Upper
56 100
69 151.7 24.4 36.6#
84 130.2 64.8 97.2#

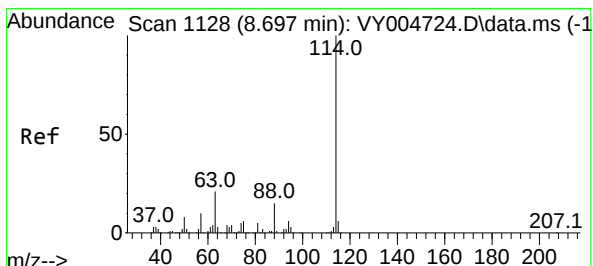
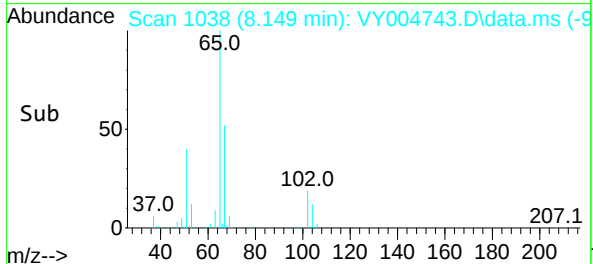
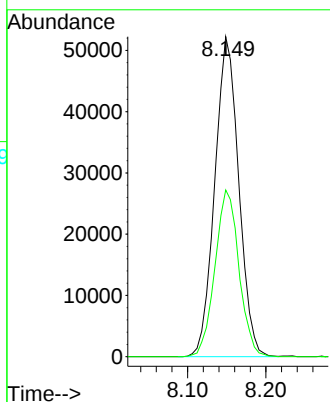
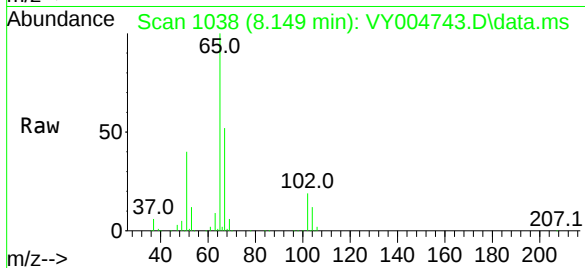




#33
 1,2-Dichloroethane-d4
 Concen: 58.00 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY004743.D
 Acq: 11 May 2021 15:04

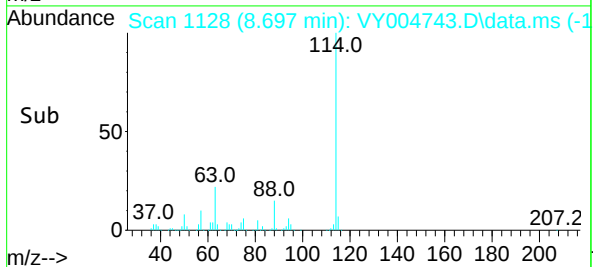
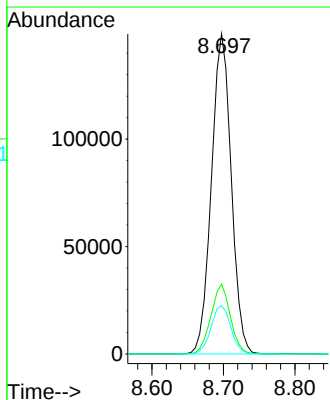
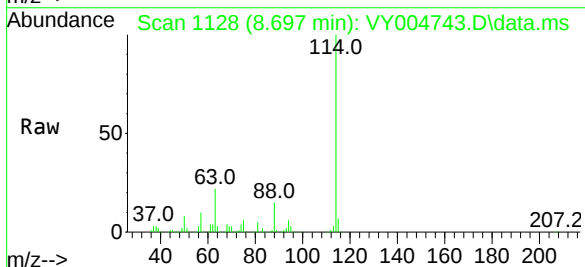
Instrument :
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 ClientSampleId :
 OR-03-051121

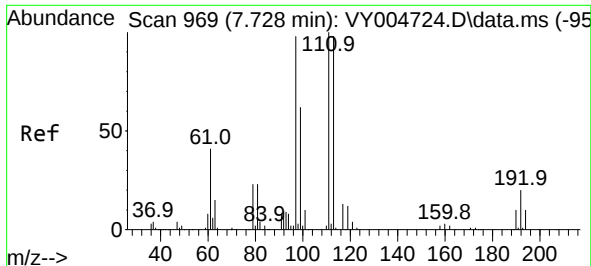
Tgt Ion: 65 Resp: 111047
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY004743.D
 Acq: 11 May 2021 15:04

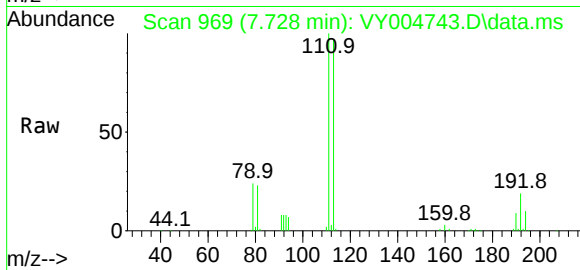
Tgt Ion: 114 Resp: 286462
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.8
 88 15.1 0.0 31.0



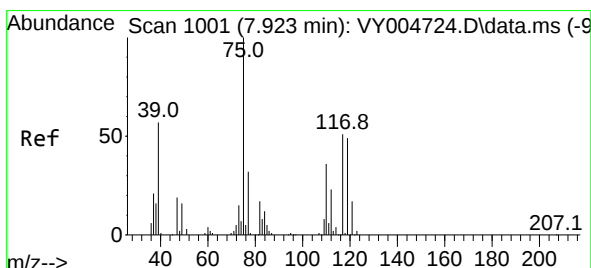
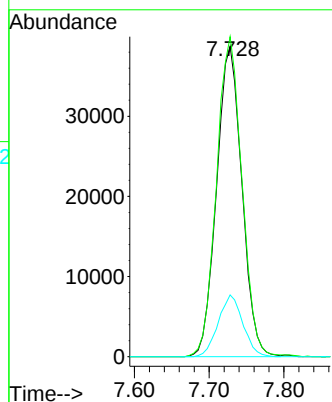
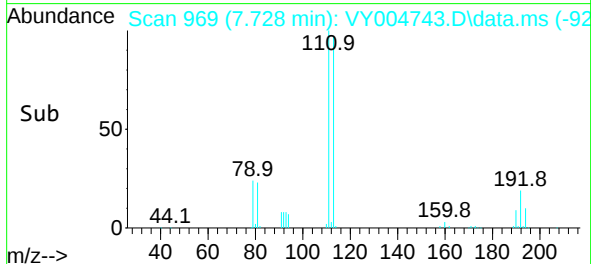


#35
Dibromofluoromethane
Concen: 58.02 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004743.D
Acq: 11 May 2021 15:04

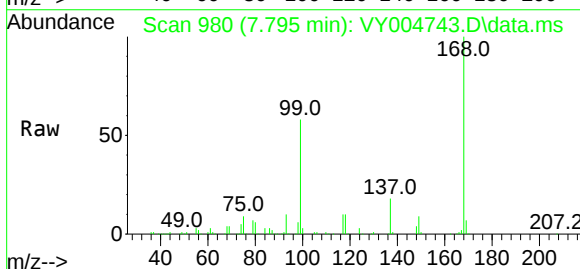
Instrument :
MSVOA_Y
ClientSampleId :
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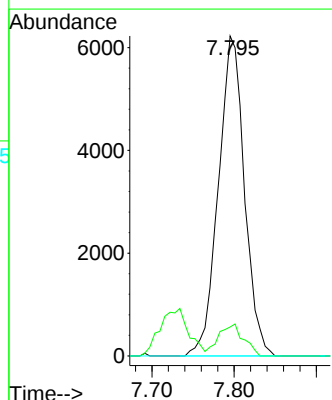
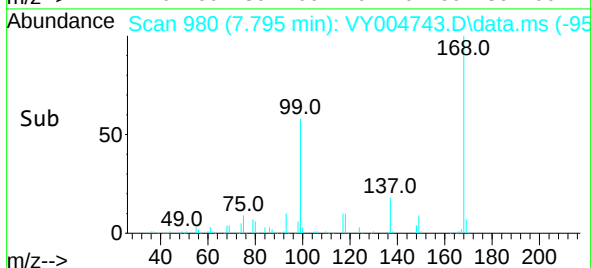
Tgt Ion:113 Resp: 90997
Ion Ratio Lower Upper
113 100
111 103.7 80.5 120.7
192 19.4 15.0 22.6

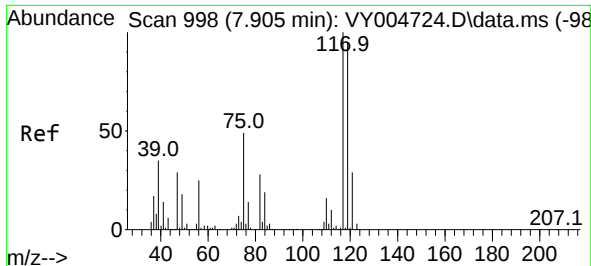


#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004743.D
Acq: 11 May 2021 15:04



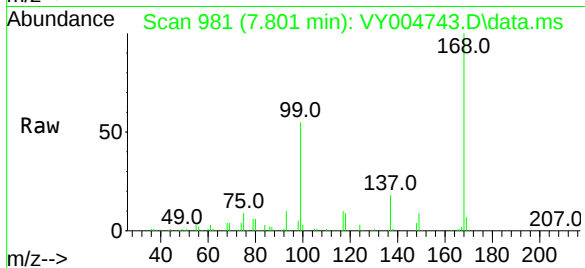
Tgt Ion: 75 Resp: 13707
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 25.0 37.4#



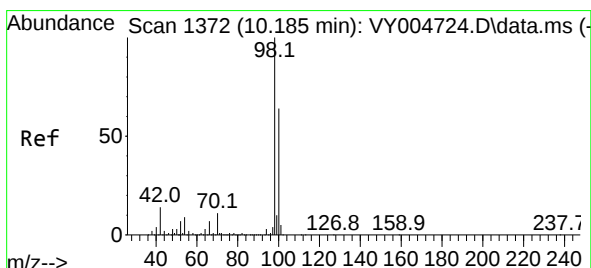
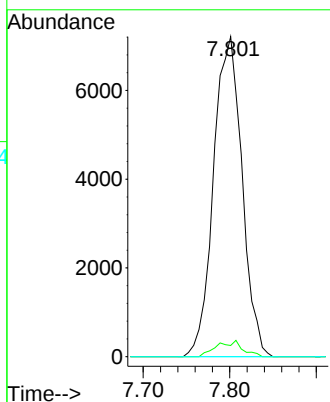
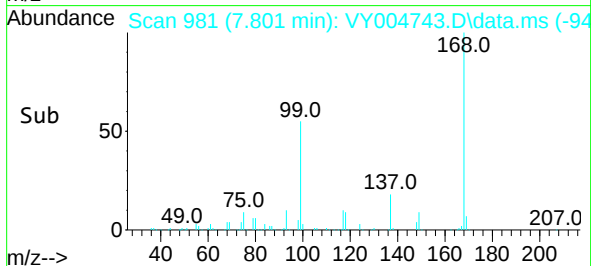


#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY004743.D
Acq: 11 May 2021 15:04

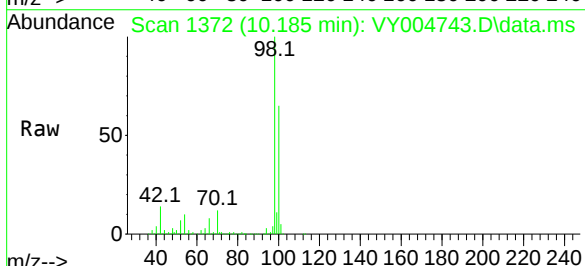
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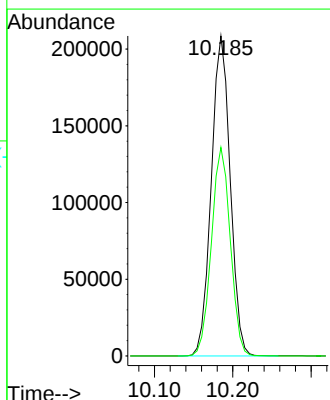
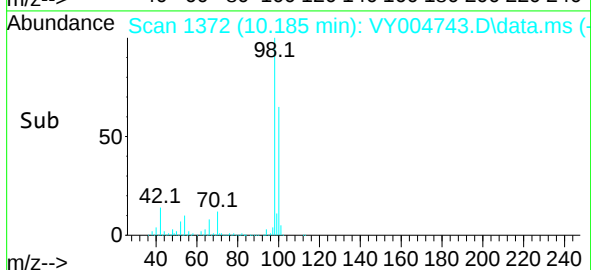
Tgt Ion:117 Resp: 16476
Ion Ratio Lower Upper
117 100
119 3.5 76.3 114.5#
121 0.0 23.0 34.6#

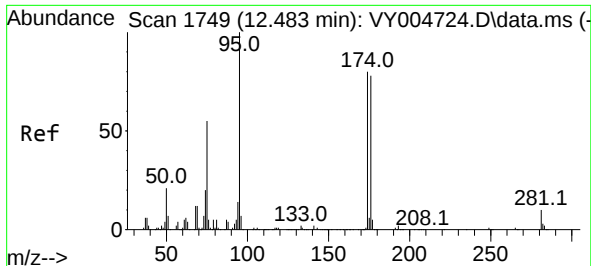


#50
Toluene-d8
Concen: 49.37 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004743.D
Acq: 11 May 2021 15:04



Tgt Ion: 98 Resp: 349729
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3

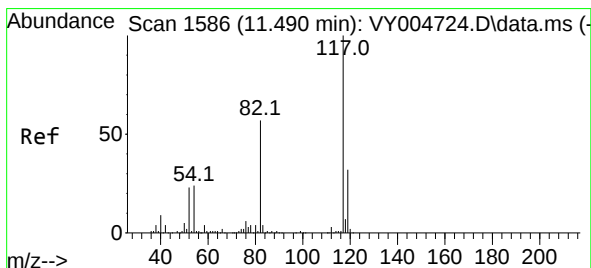
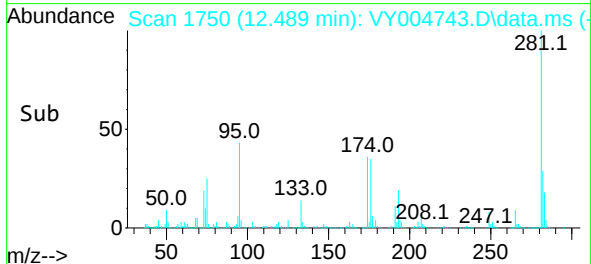
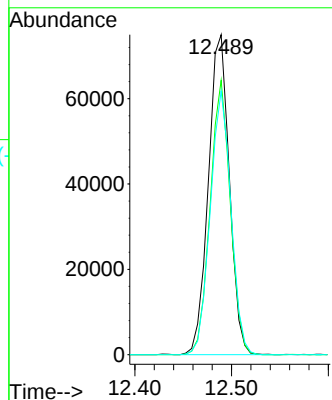
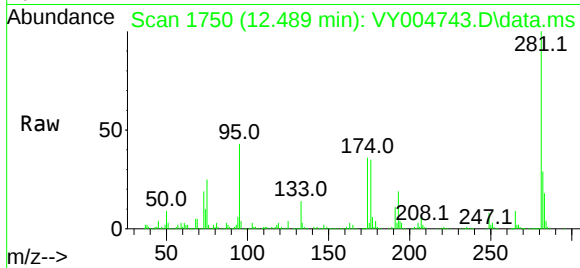




#62
4-Bromofluorobenzene
Concen: 47.32 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004743.D
Acq: 11 May 2021 15:04

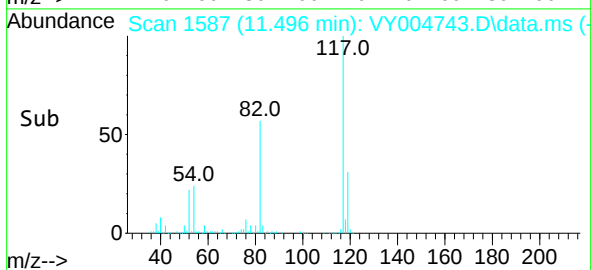
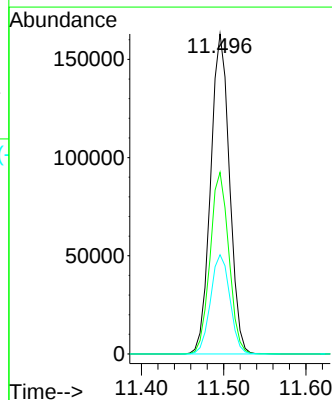
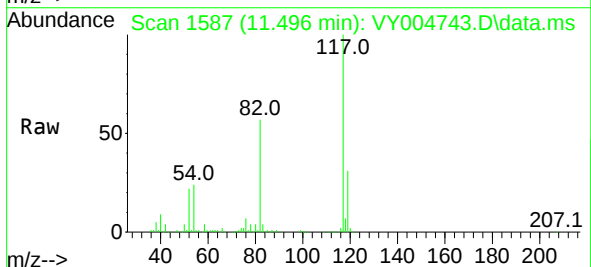
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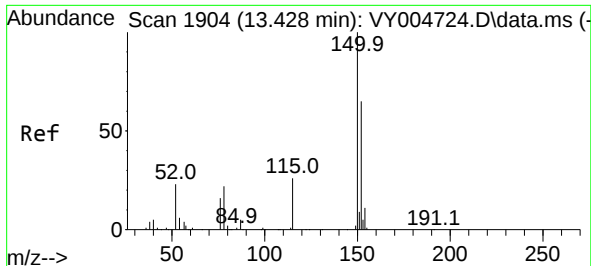
Tgt Ion: 95 Resp: 113149
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.2
176 81.3 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004743.D
Acq: 11 May 2021 15:04

Tgt Ion:117 Resp: 259475
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.2
119 31.0 25.8 38.6

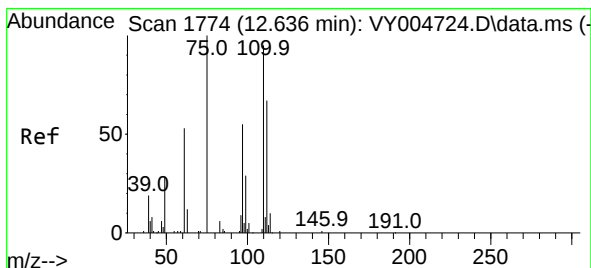
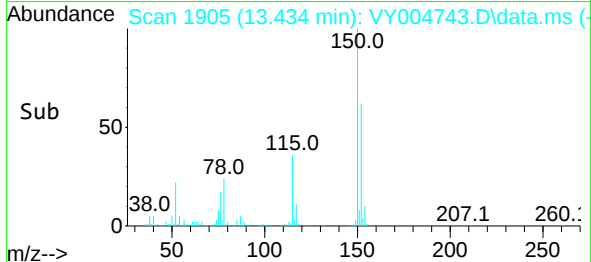
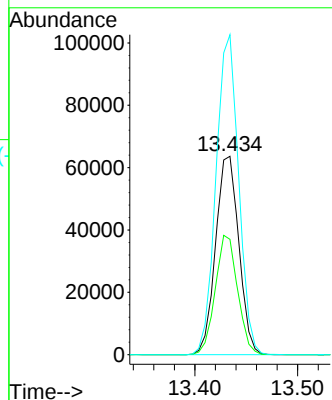
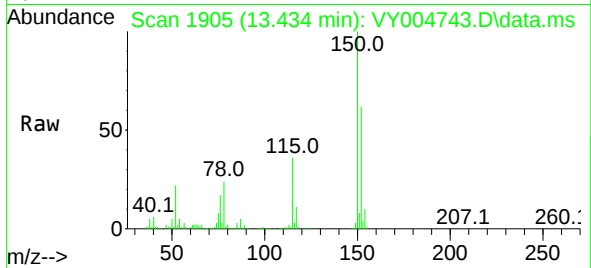




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004743.D
Acq: 11 May 2021 15:04

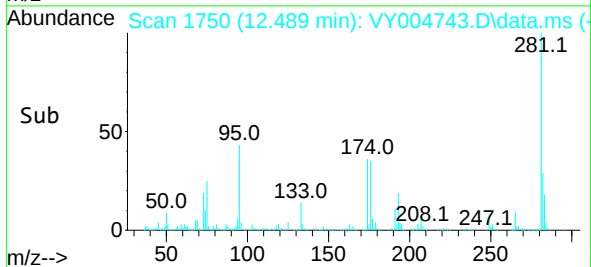
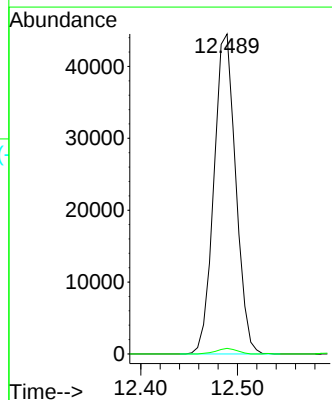
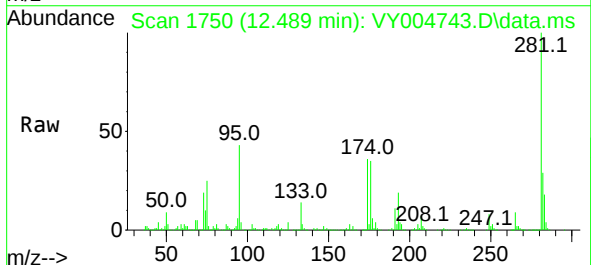
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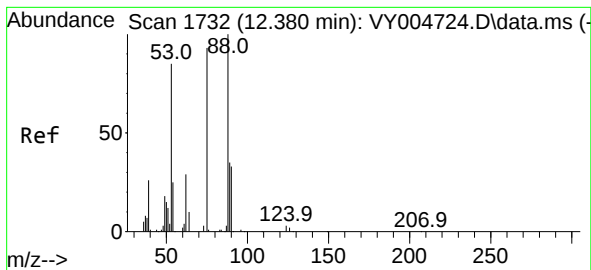
Tgt Ion:152 Resp: 99893
Ion Ratio Lower Upper
152 100
115 57.9 29.4 88.3
150 157.0 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 65.71 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004743.D
Acq: 11 May 2021 15:04

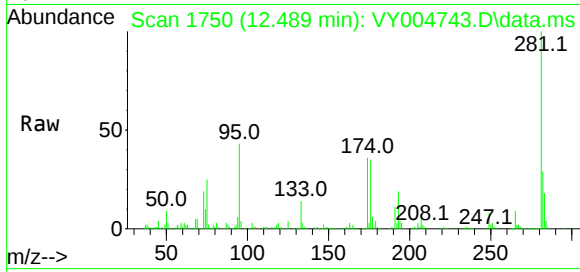
Tgt Ion: 75 Resp: 69715
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.93 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. 0.110 min
 Lab File: VY004743.D
 Acq: 11 May 2021 15:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-051121



Tgt Ion: 75 Resp: 69715
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.9 110.9#
 89 3.6 35.5 53.3#

