

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004969.D
 Acq On : 04 Jun 2021 17:04
 Operator : SY/MD
 Sample : M2613-08
 Misc : 9.81G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(114-118)

Quant Time: Jun 05 01:35:01 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	181735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	340736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	334928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	129894	67.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.220%	
35) Dibromofluoromethane	7.728	113	106500	58.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.200%	
50) Toluene-d8	10.185	98	428950	56.340	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.680%	
62) 4-Bromofluorobenzene	12.483	95	153912	58.780	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.560%	

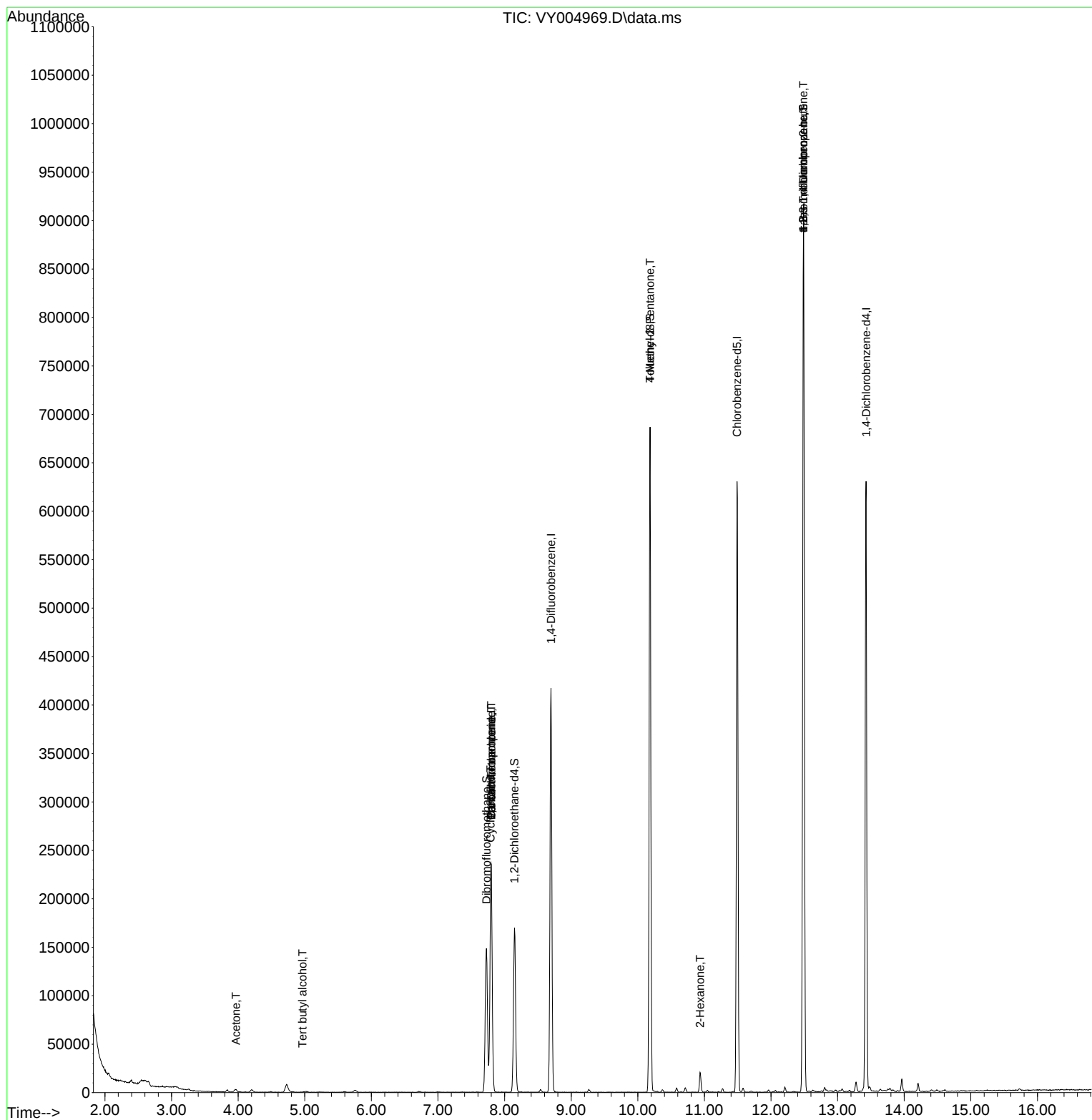
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.966	59	751	3.399	ug/l #	74
16) Acetone	3.966	43	4640	10.033	ug/l	96
20) Methylene Chloride	4.729	84	5638	Below Cal		88
31) Cyclohexane	7.789	56	4255	1.258	ug/l #	8
36) 1,1-Dichloropropene	7.801	75	15068	4.519	ug/l #	49
38) Carbon Tetrachloride	7.801	117	18774	6.469	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	2074	1.005	ug/l #	1
59) 2-Hexanone	10.935	43	4106	2.943	ug/l #	42
76) 1,2,3-Trichloropropane	12.483	75	84823	50.838	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84823	93.428	ug/l #	16

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

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Misc : 9.81G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(114-118)

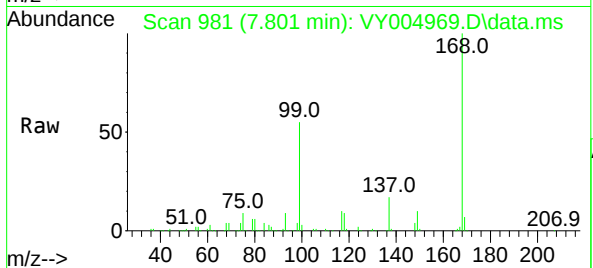
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration



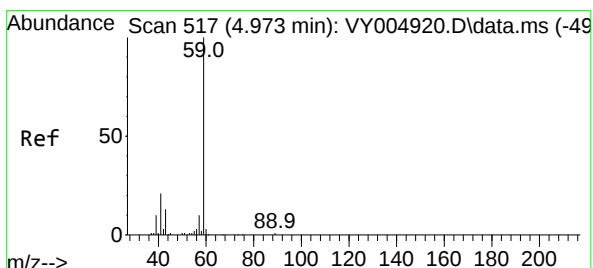
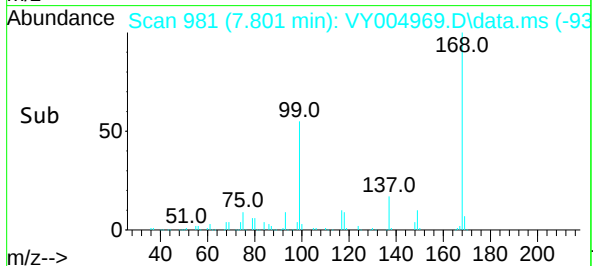
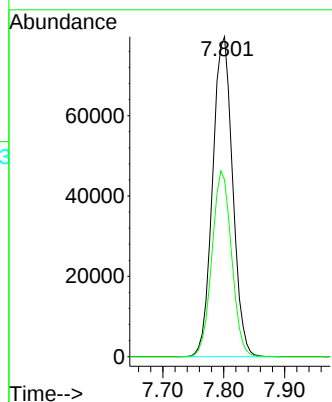


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(114-118)

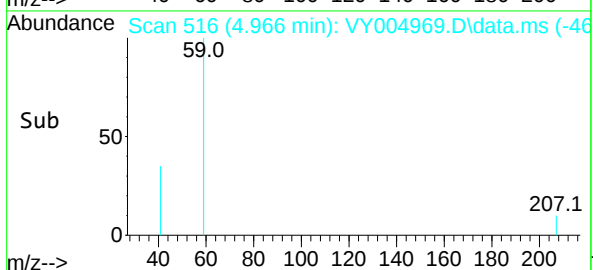
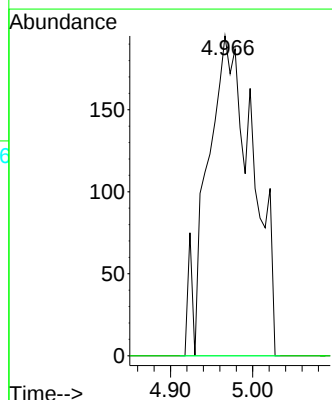
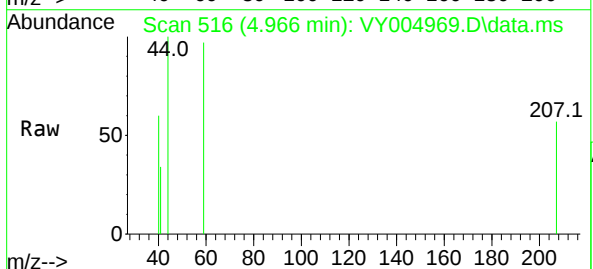


Tgt Ion:168 Resp: 181735
Ion Ratio Lower Upper
168 100
99 55.3 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.399 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

Tgt Ion: 59 Resp: 751
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

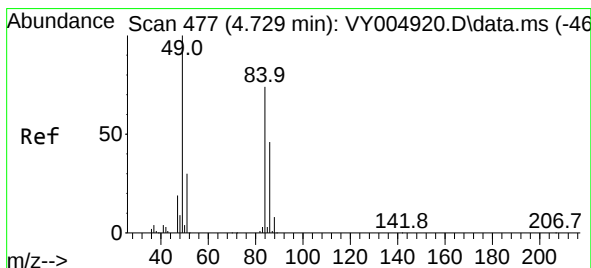
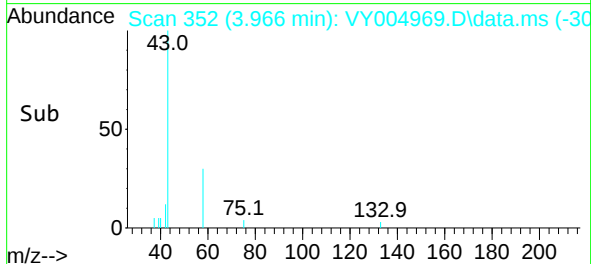
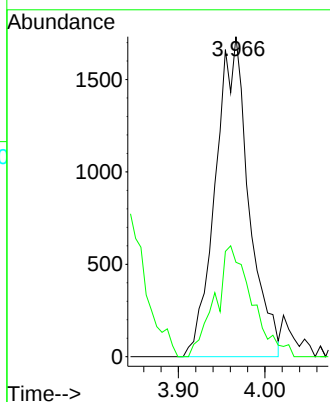
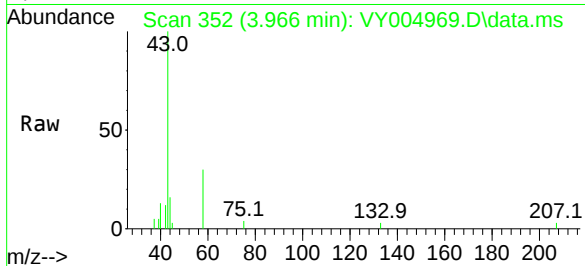




#16
Acetone
Concen: 10.033 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

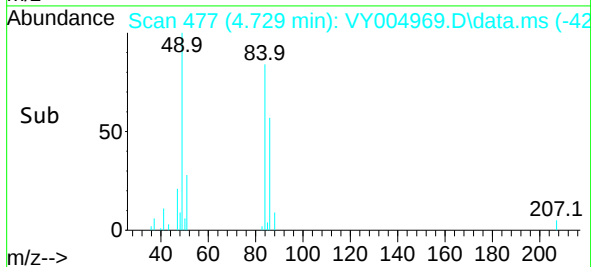
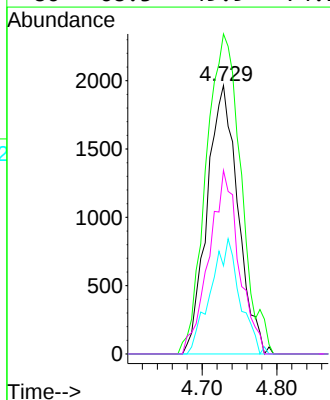
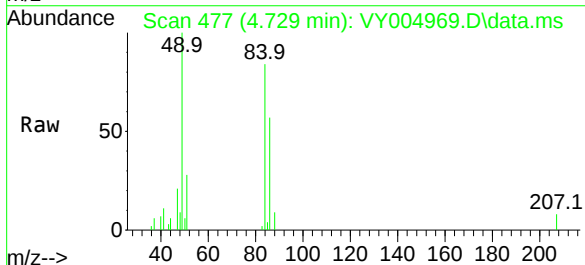
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(114-118)

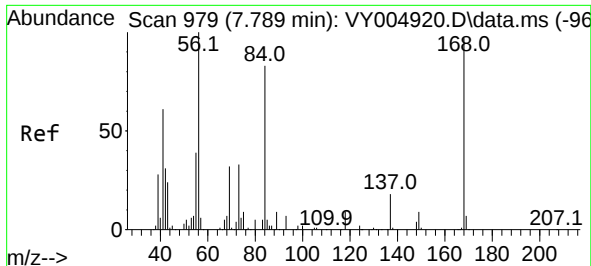
Tgt Ion: 43 Resp: 4640
Ion Ratio Lower Upper
43 100
58 29.5 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

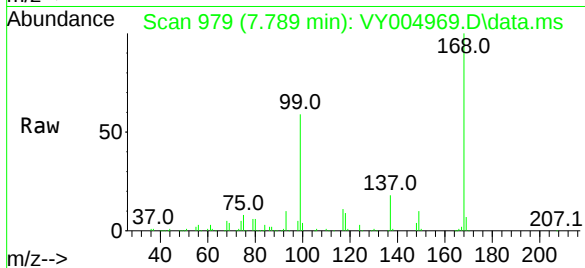
Tgt Ion: 84 Resp: 5638
Ion Ratio Lower Upper
84 100
49 119.2 108.0 162.0
51 32.9 32.6 48.8
86 68.3 49.9 74.9



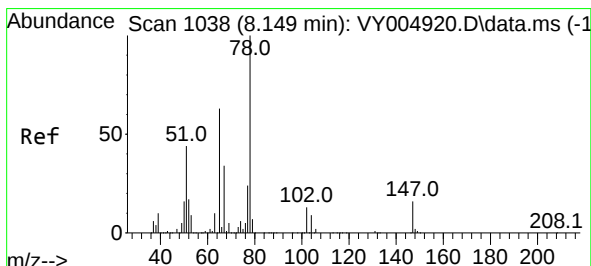
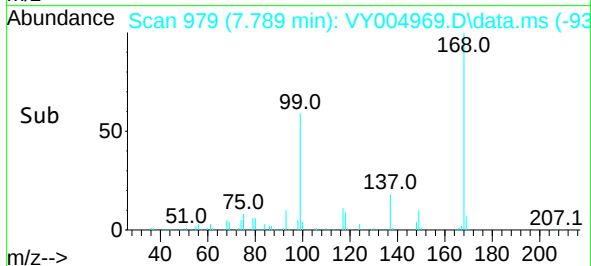
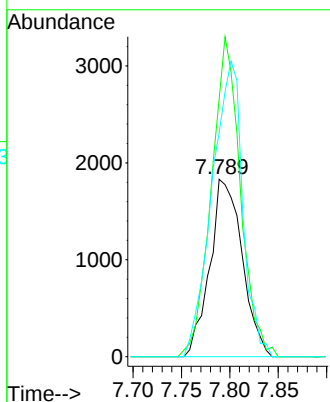


#31
Cyclohexane
Concen: 1.258 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(114-118)

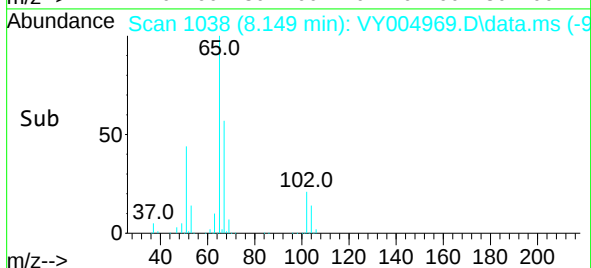
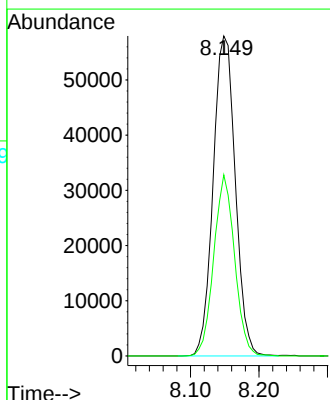
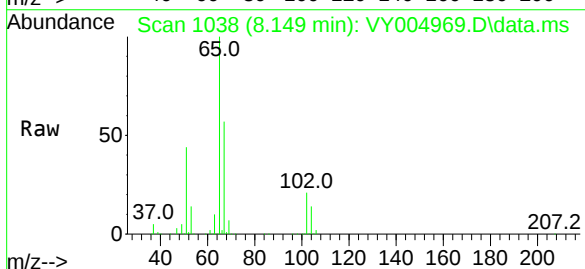


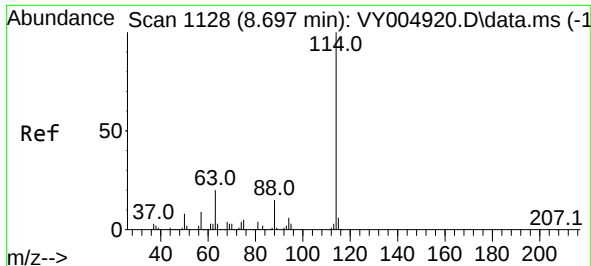
Tgt Ion: 56 Resp: 4255
Ion Ratio Lower Upper
56 100
69 145.3 25.3 37.9#
84 126.2 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 67.609 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

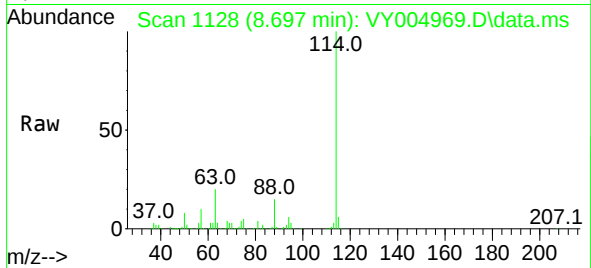
Tgt Ion: 65 Resp: 129894
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.6



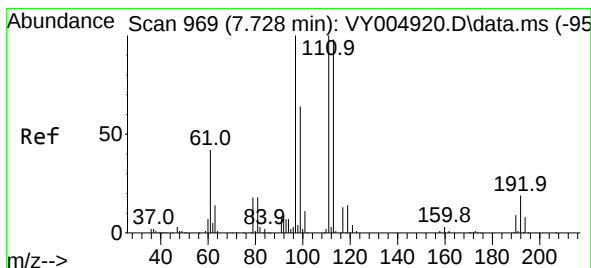
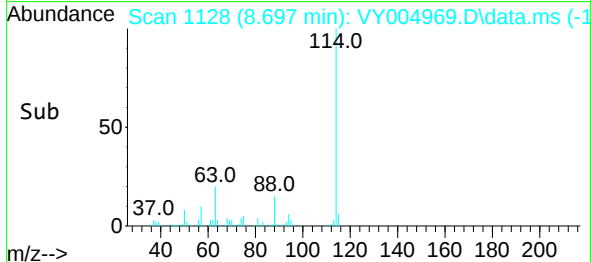
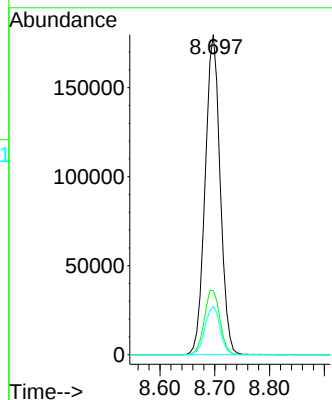


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

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ClientSampleId :
18-B12(114-118)

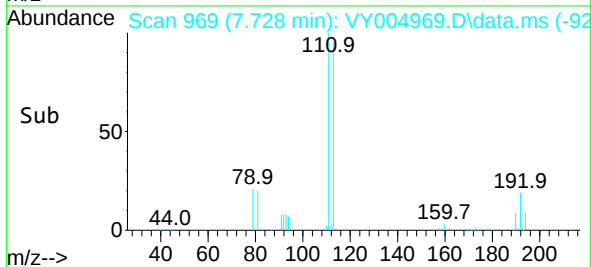
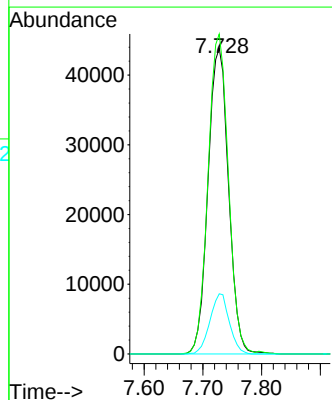
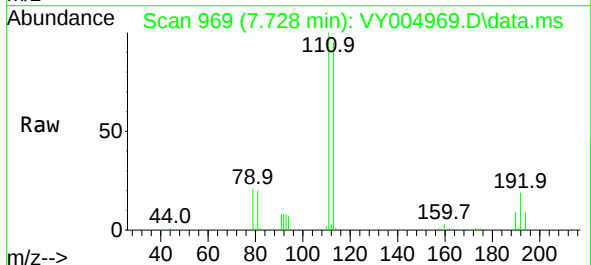


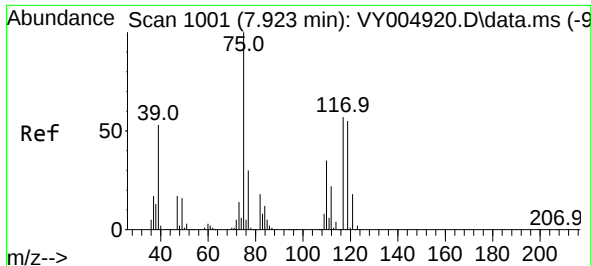
Tgt Ion:	114	Resp:	340736
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	41.0
88	15.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 58.095 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

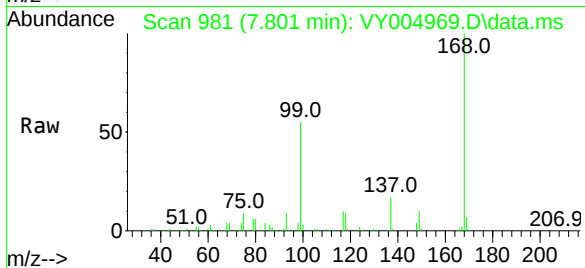
Tgt Ion:	113	Resp:	106500
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.8	122.8
192	18.5	15.3	22.9



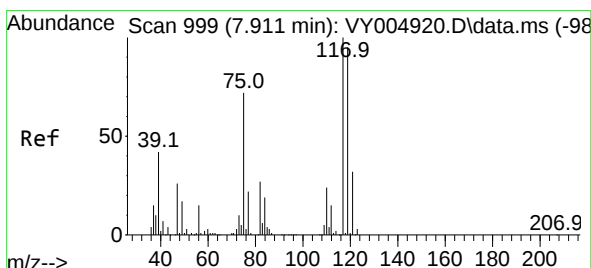
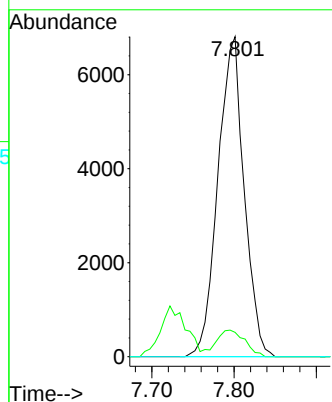
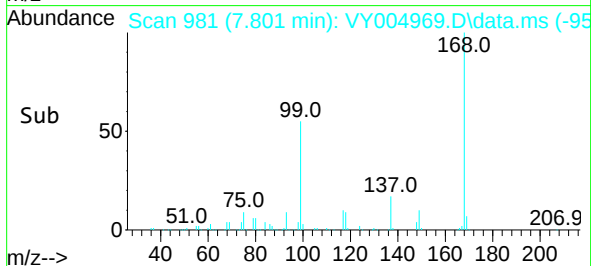


#36
 1,1-Dichloropropene
 Concen: 4.519 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.122 min
 Lab File: VY004969.D
 Acq: 04 Jun 2021 17:04

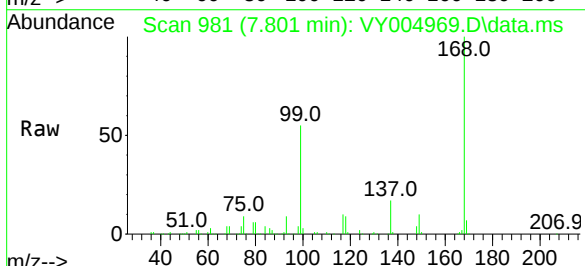
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 MSVOA_Y
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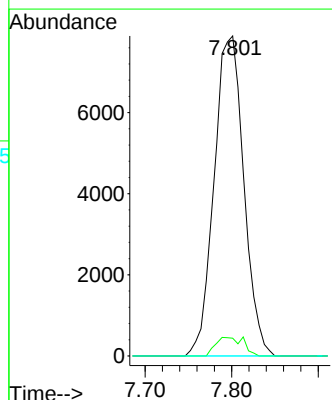
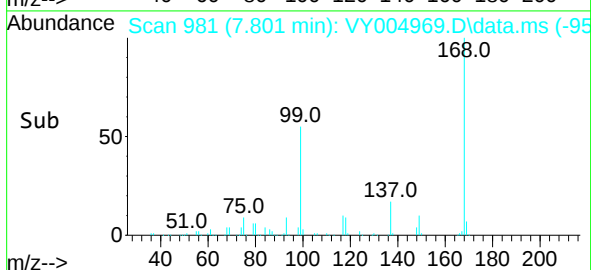
Tgt Ion: 75 Resp: 15068
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.5 52.5#
 77 0.0 25.1 37.7#

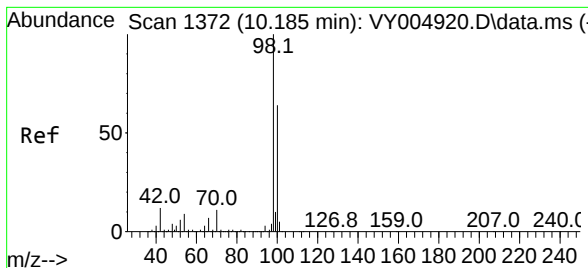


#38
 Carbon Tetrachloride
 Concen: 6.469 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY004969.D
 Acq: 04 Jun 2021 17:04



Tgt Ion: 117 Resp: 18774
 Ion Ratio Lower Upper
 117 100
 119 5.5 76.1 114.1#
 121 0.0 25.5 38.3#

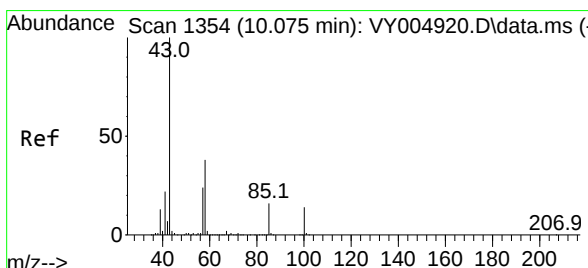
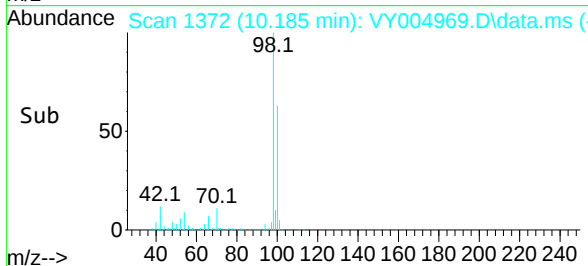
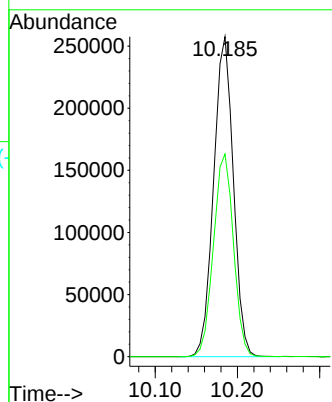
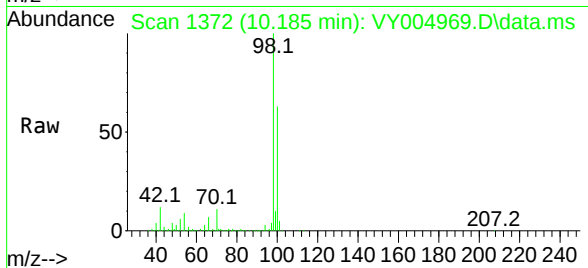




#50
Toluene-d8
Concen: 56.340 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

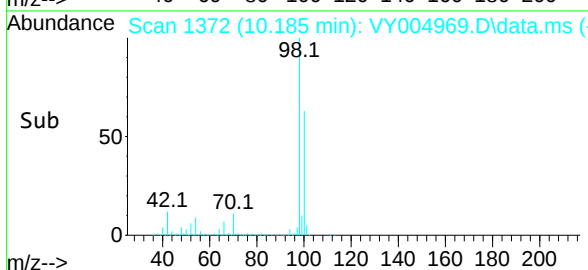
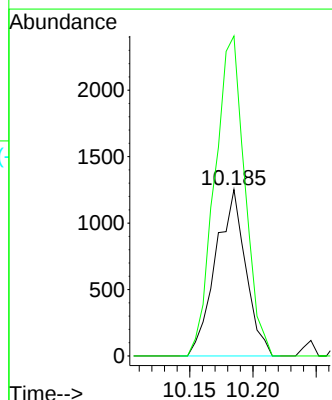
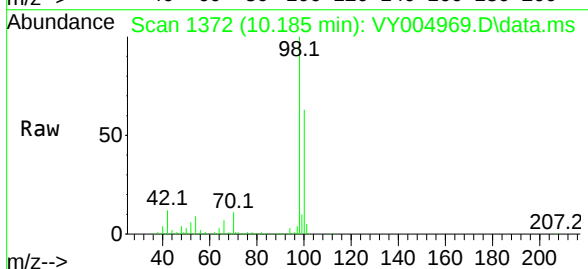
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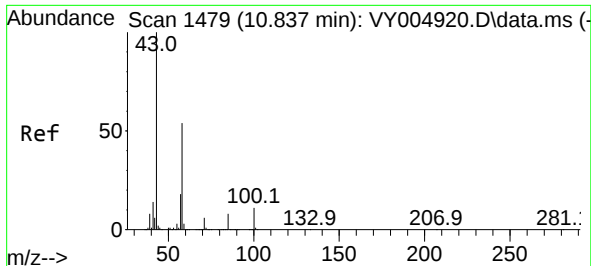
Tgt Ion: 98 Resp: 428950
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.005 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

Tgt Ion: 43 Resp: 2074
Ion Ratio Lower Upper
43 100
58 191.7 30.6 46.0#

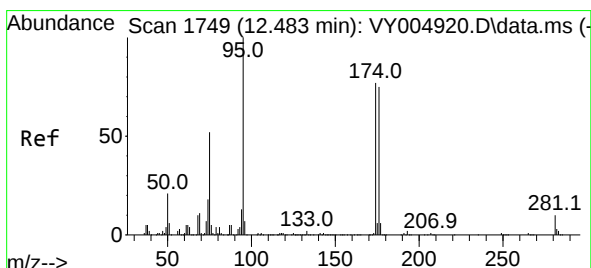
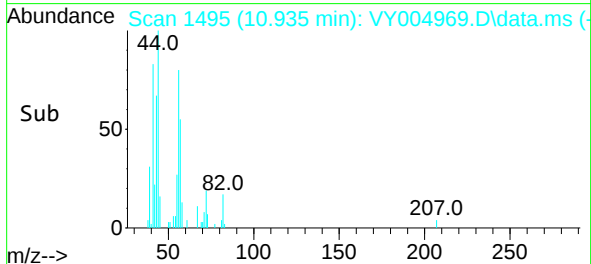
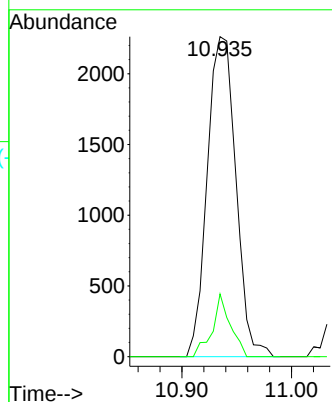
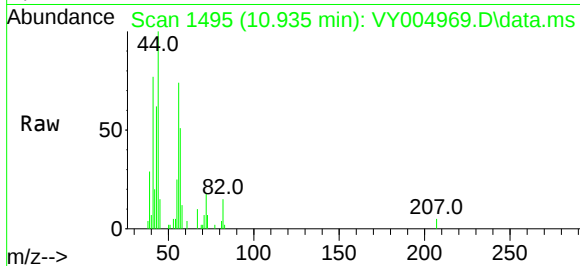




#59
2-Hexanone
Concen: 2.943 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. 0.097 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

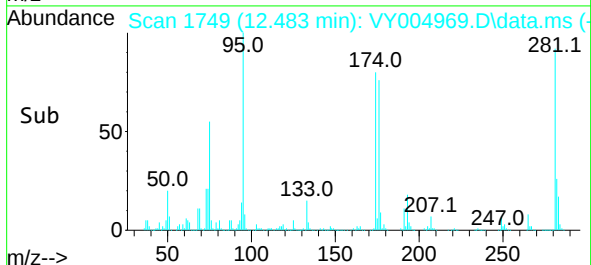
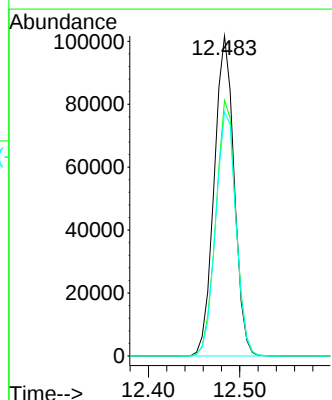
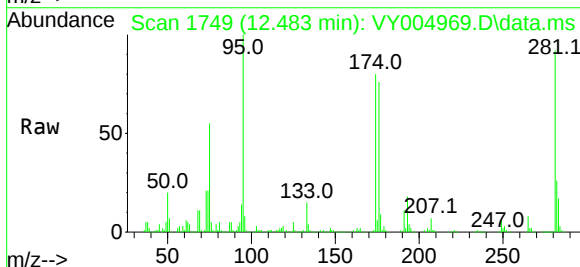
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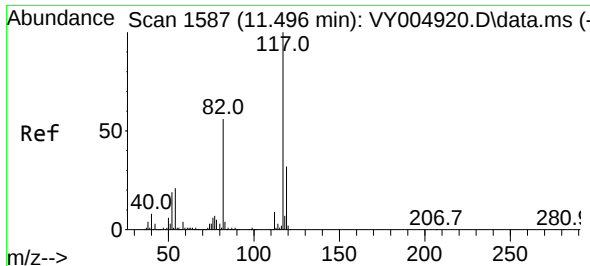
Tgt Ion: 43 Resp: 4106
Ion Ratio Lower Upper
43 100
58 12.3 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 58.780 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

Tgt Ion: 95 Resp: 153912
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.8
176 77.7 0.0 155.6

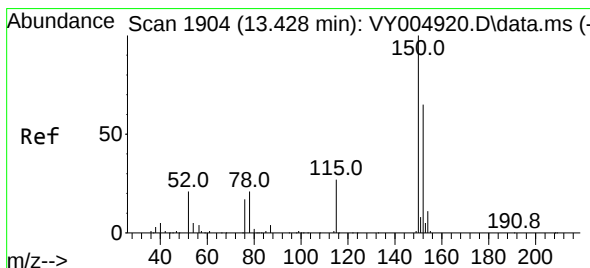
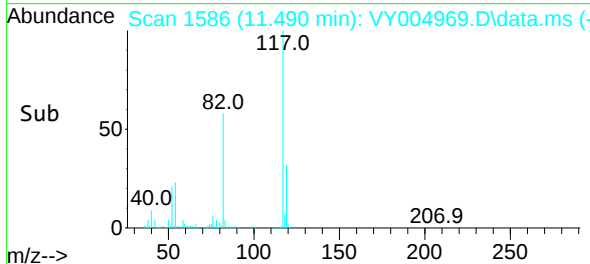
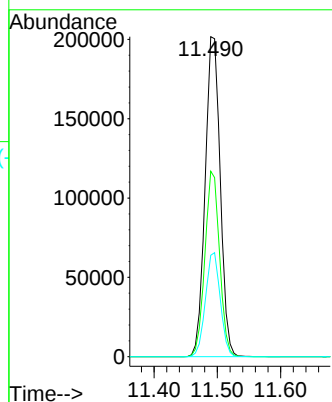
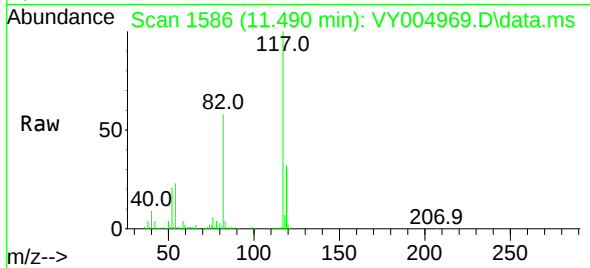




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

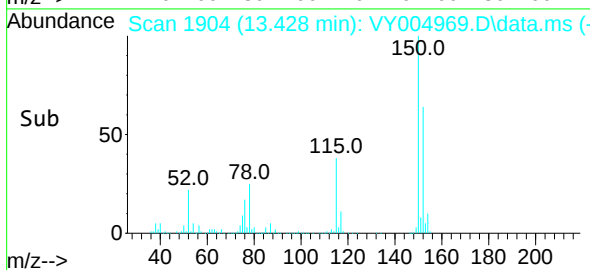
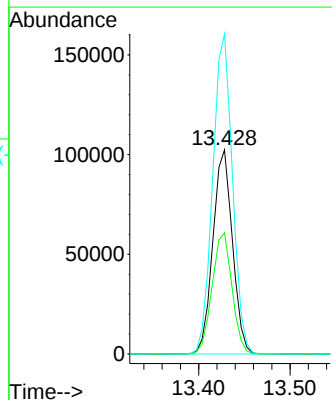
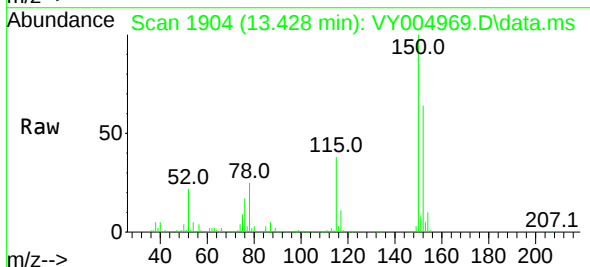
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(114-118)

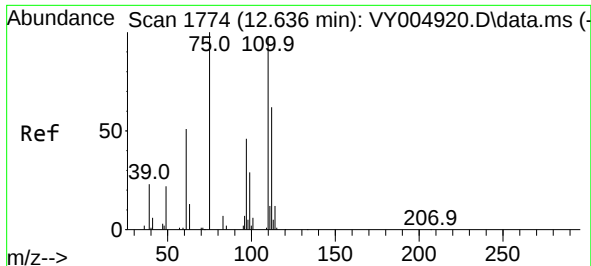
Tgt Ion:117 Resp: 334928
Ion Ratio Lower Upper
117 100
82 57.9 44.8 67.2
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

Tgt Ion:152 Resp: 152209
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.7
150 158.1 0.0 347.8

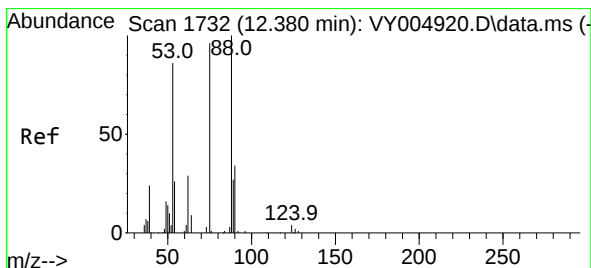
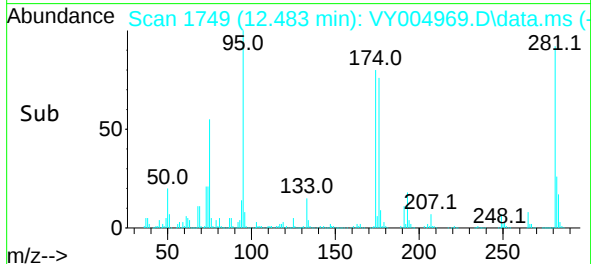
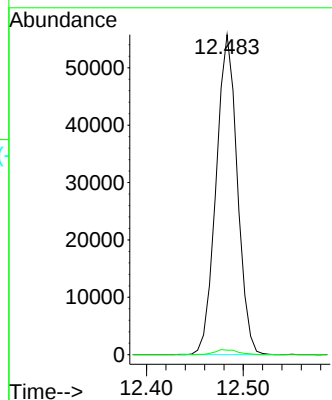
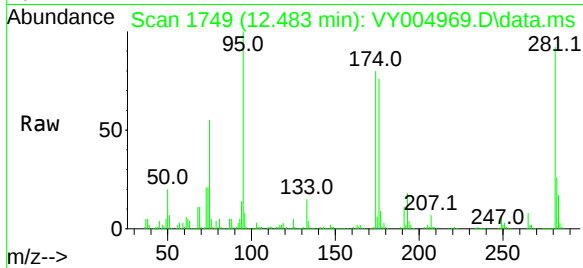




#76
1,2,3-Trichloropropane
Concen: 50.838 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(114-118)

Tgt Ion: 75 Resp: 84823
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.428 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004969.D
Acq: 04 Jun 2021 17:04

Tgt Ion: 75 Resp: 84823
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 1.8 35.0 52.6#

