

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007452.D
 Acq On : 09 Feb 2022 14:59
 Operator : SY/MD
 Sample : N1443-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-NORTH-COMP

Quant Time: Feb 10 05:35:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

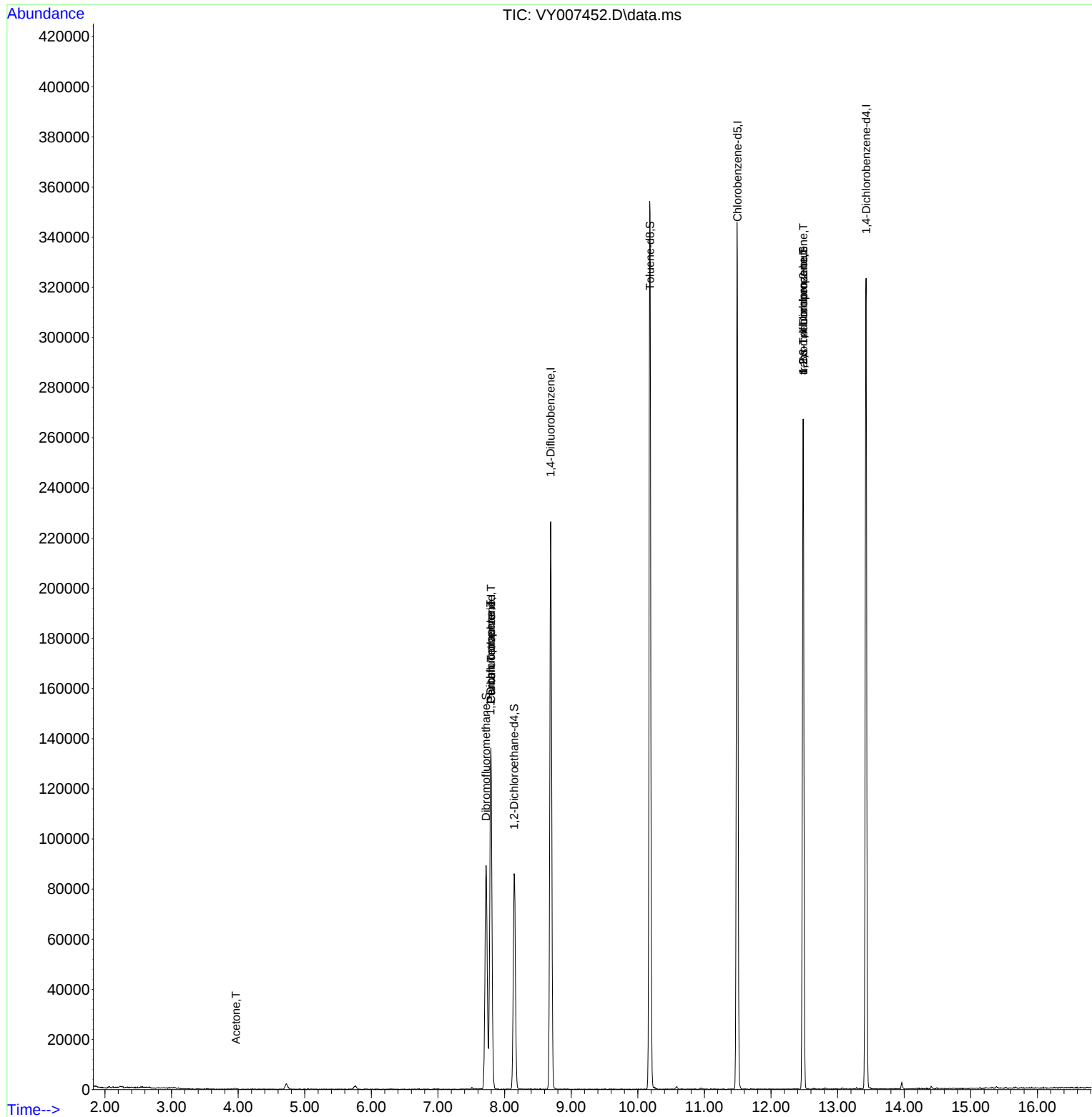
Internal Standards						
1) Pentafluorobenzene	7.795	168	101438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	192476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	184420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69834	59.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.700%	
35) Dibromofluoromethane	7.722	113	63371	51.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.540%	
50) Toluene-d8	10.185	98	236269	51.742	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	12.483	95	82581	53.209	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	366	Below Cal	#	81
16) Acetone	3.966	43	830	2.190	ug/l #	47
20) Methylene Chloride	4.716	84	1605	Below Cal	#	56
36) 1,1-Dichloropropene	7.789	75	8957	4.145	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11320	4.987	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	45372	48.943	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45372	98.053	ug/l #	7

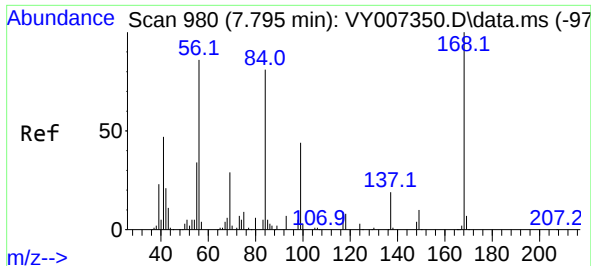
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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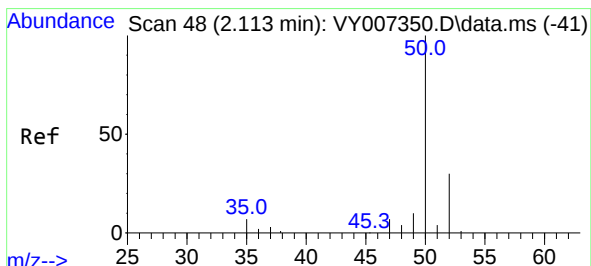
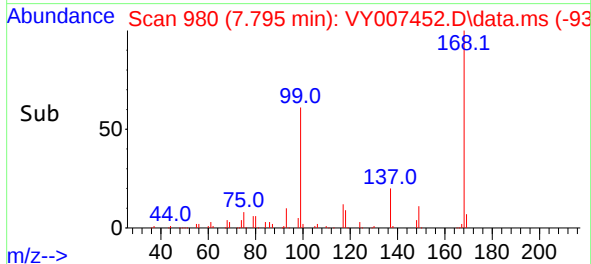
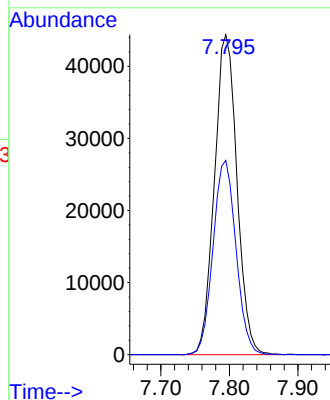
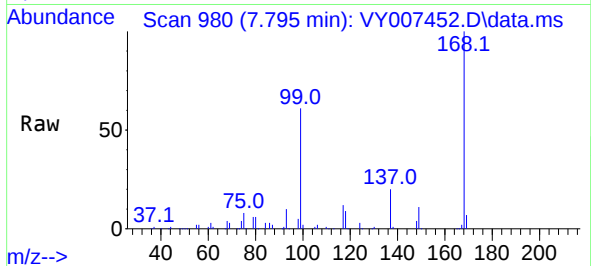




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007452.D
Acq: 09 Feb 2022 14:59

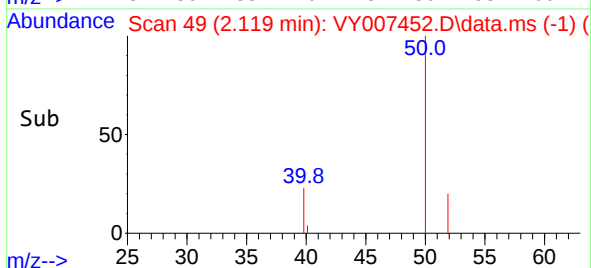
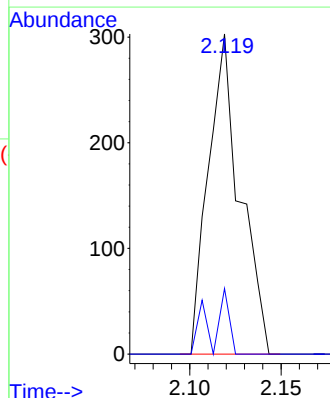
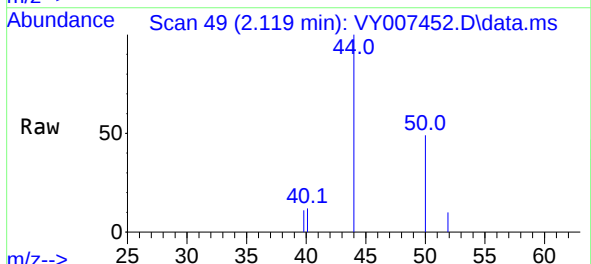
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MSVOA_Y
ClientSampleId :
TP-1-NORTH-COMP

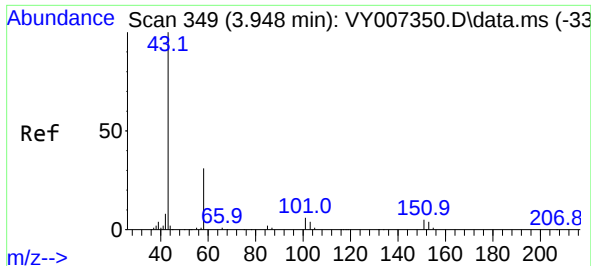
Tgt Ion:168 Resp: 101438
Ion Ratio Lower Upper
168 100
99 60.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007452.D
Acq: 09 Feb 2022 14:59

Tgt Ion: 50 Resp: 366
Ion Ratio Lower Upper
50 100
52 20.5 24.6 37.0#

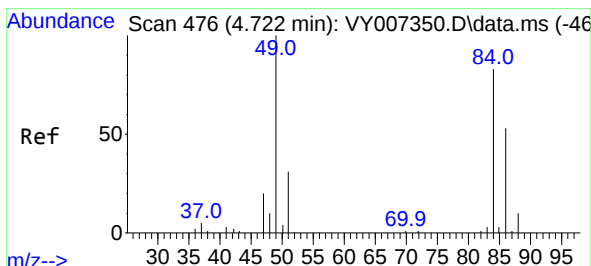
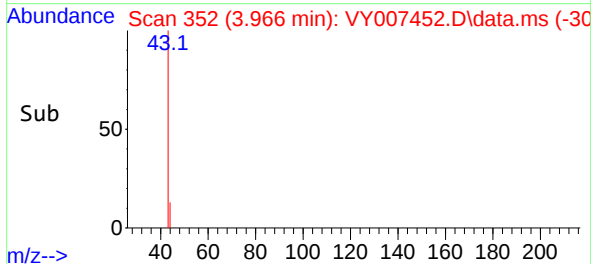
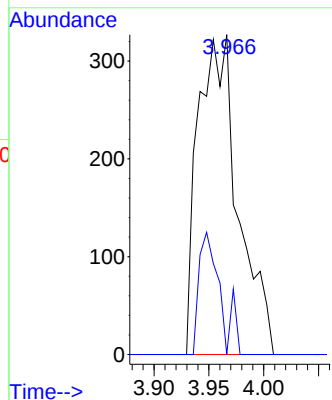
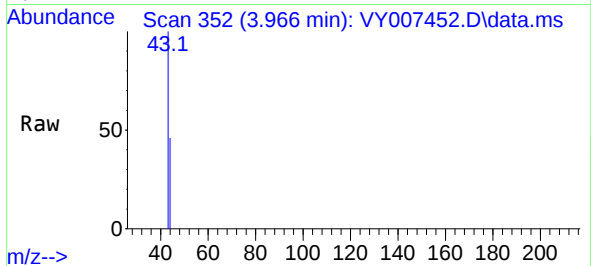




#16
Acetone
Concen: 2.190 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY007452.D
Acq: 09 Feb 2022 14:59

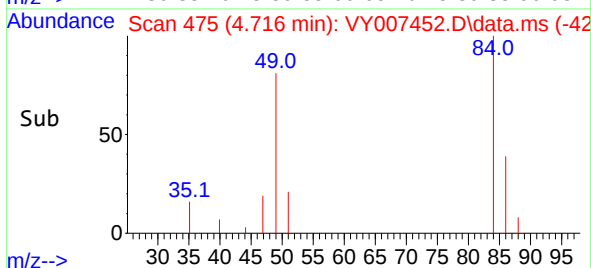
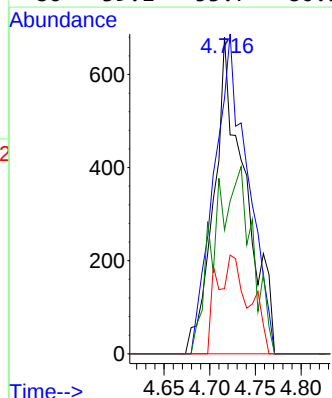
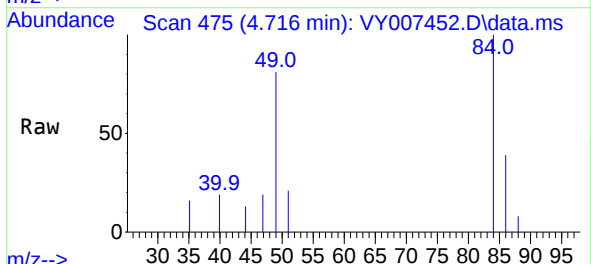
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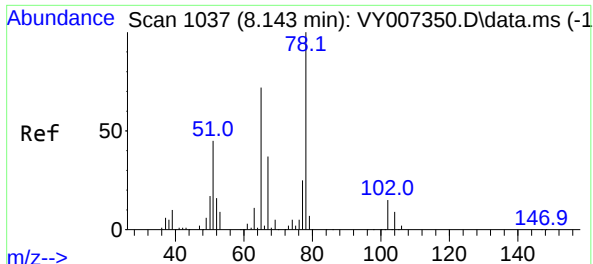
Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY007452.D
Acq: 09 Feb 2022 14:59

Tgt Ion: 84 Resp: 1605
Ion Ratio Lower Upper
84 100
49 80.7 114.4 171.6#
51 20.6 35.3 52.9#
86 39.1 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 59.852 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007452.D

Acq: 09 Feb 2022 14:59

Instrument :

MSVOA_Y

ClientSampleId :

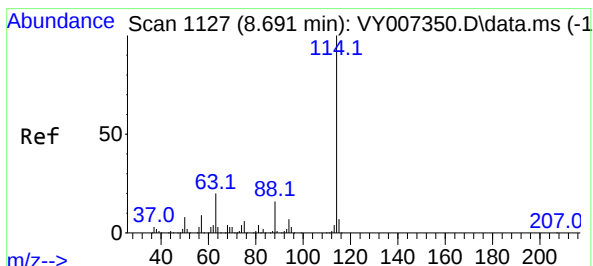
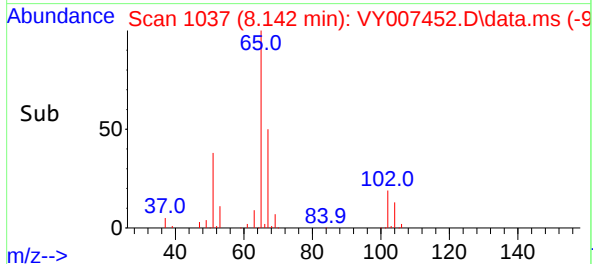
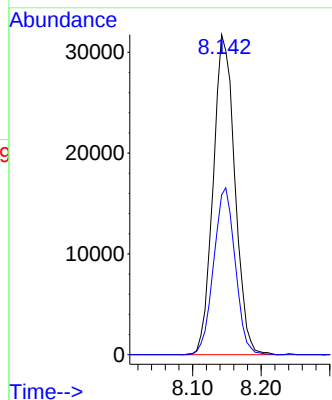
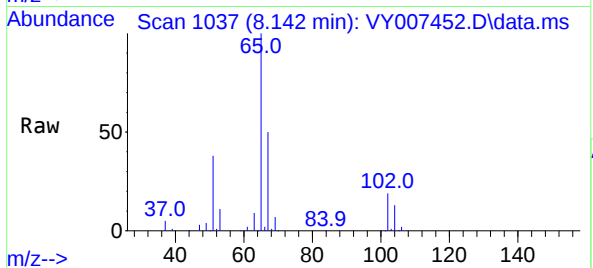
TP-1-NORTH-COMP

Tgt Ion: 65 Resp: 69834

Ion Ratio Lower Upper

65 100

67 51.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007452.D

Acq: 09 Feb 2022 14:59

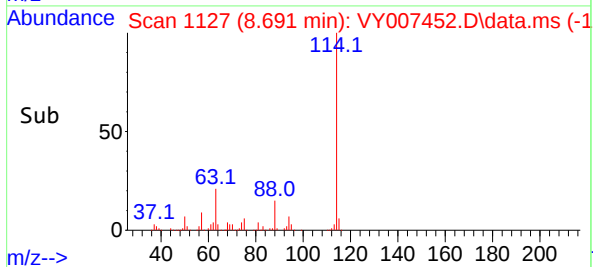
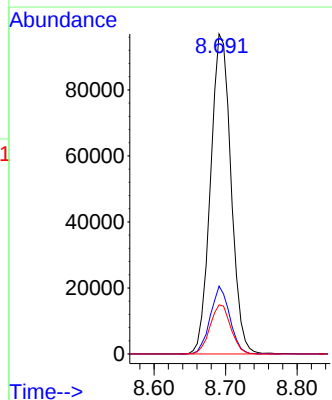
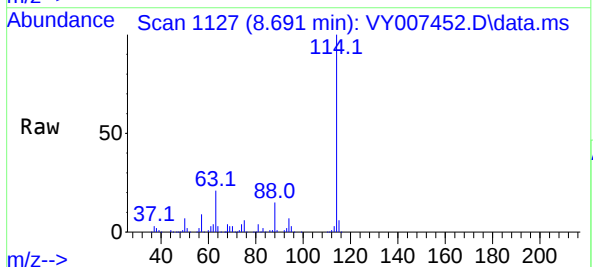
Tgt Ion: 114 Resp: 192476

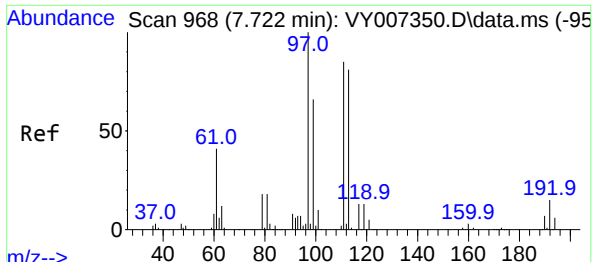
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

88 15.3 0.0 31.8

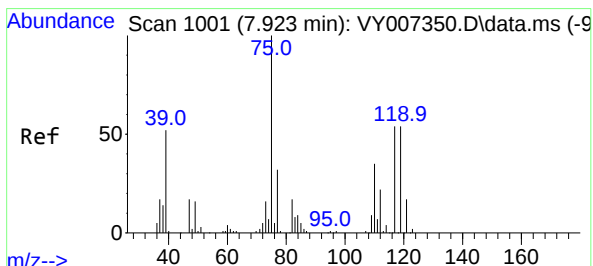
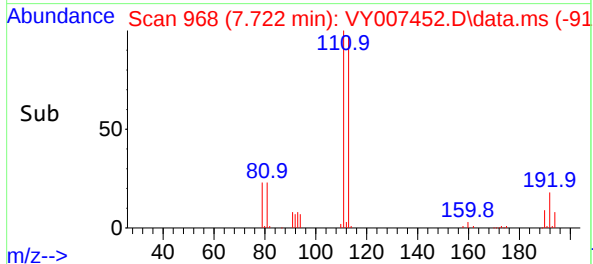
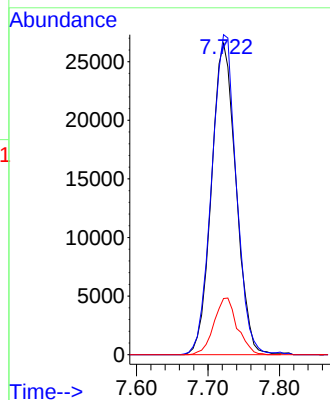
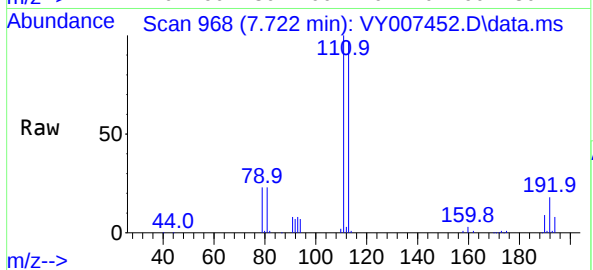




#35
Dibromofluoromethane
Concen: 51.273 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY007452.D
Acq: 09 Feb 2022 14:59

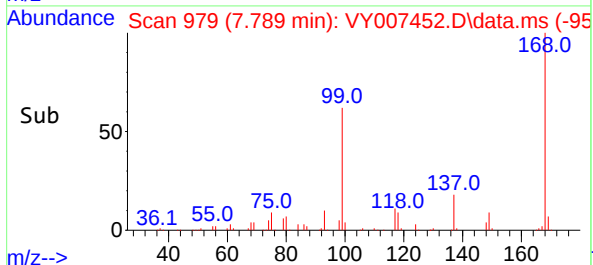
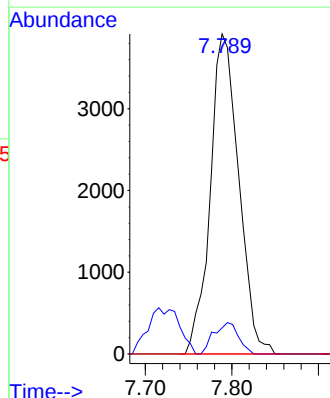
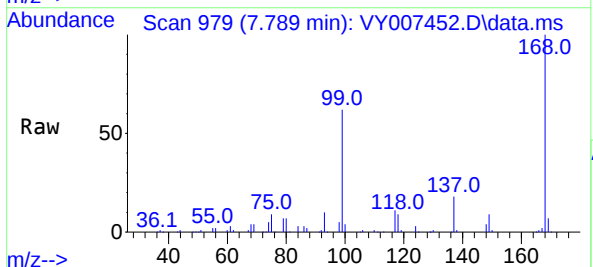
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ClientSampleId :
TP-1-NORTH-COMP

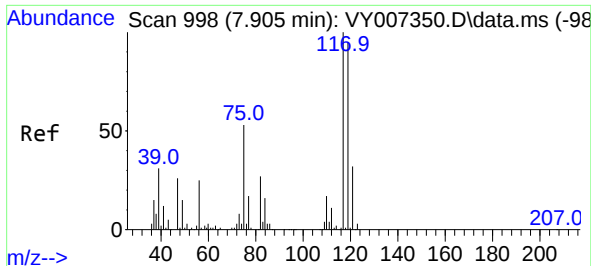
Tgt Ion:113 Resp: 63371
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 17.3 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.145 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007452.D
Acq: 09 Feb 2022 14:59

Tgt Ion: 75 Resp: 8957
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#

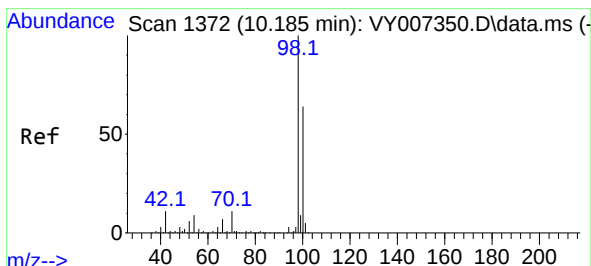
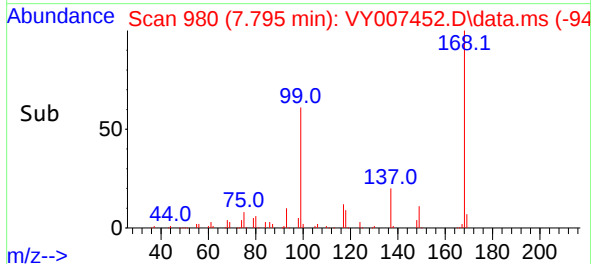
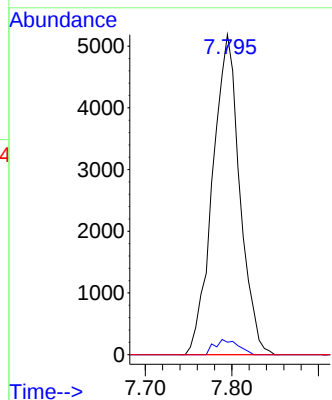
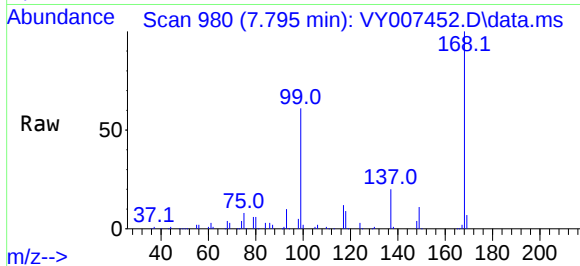




#38
Carbon Tetrachloride
Concen: 4.987 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007452.D
Acq: 09 Feb 2022 14:59

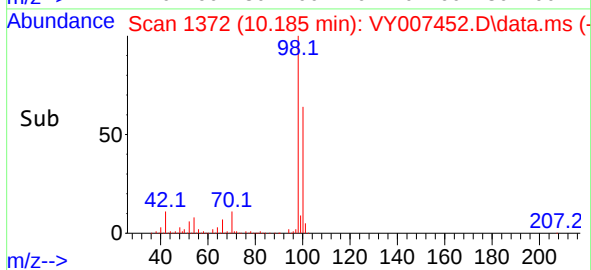
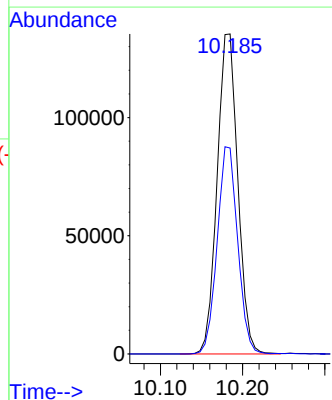
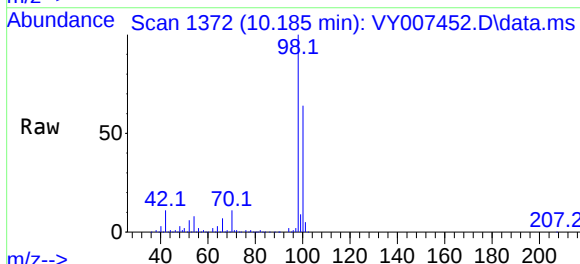
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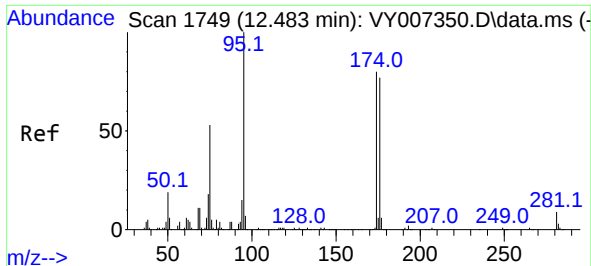
Tgt Ion:117 Resp: 11320
Ion Ratio Lower Upper
117 100
119 3.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.742 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007452.D
Acq: 09 Feb 2022 14:59

Tgt Ion: 98 Resp: 236269
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

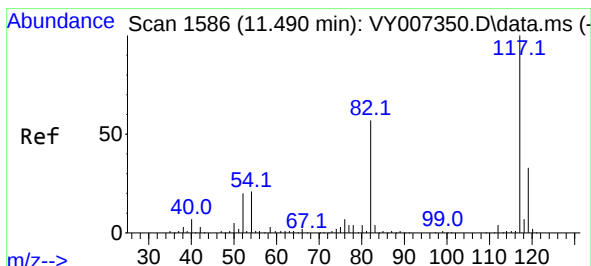
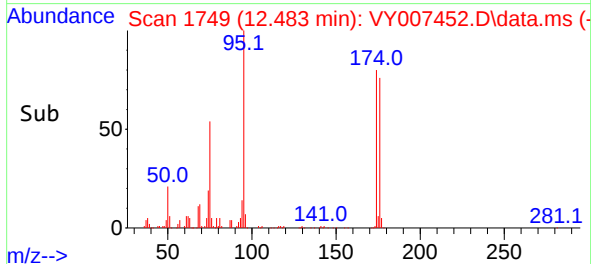
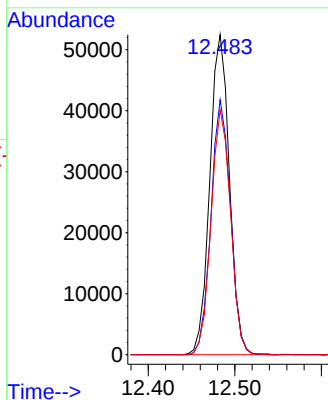
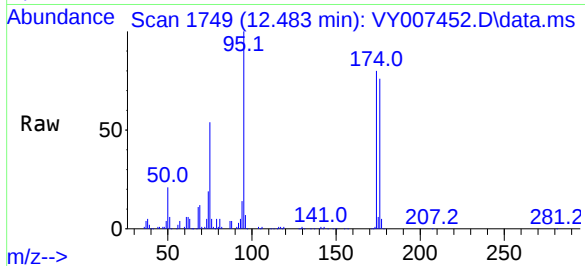




#62
4-Bromofluorobenzene
Concen: 53.209 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007452.D
Acq: 09 Feb 2022 14:59

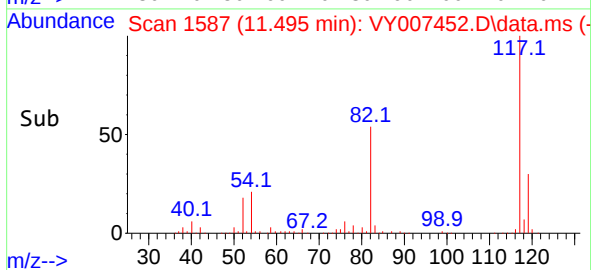
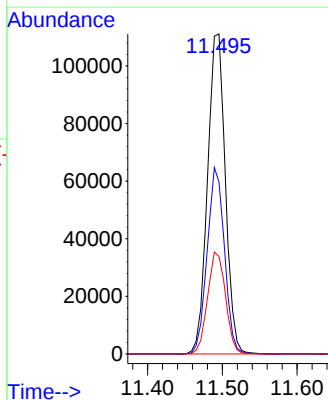
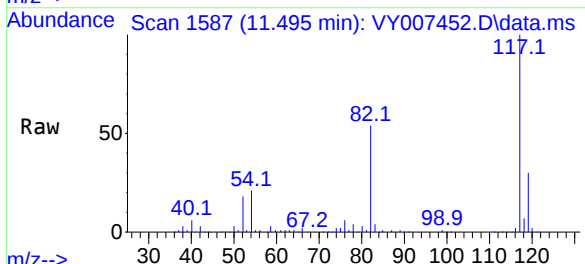
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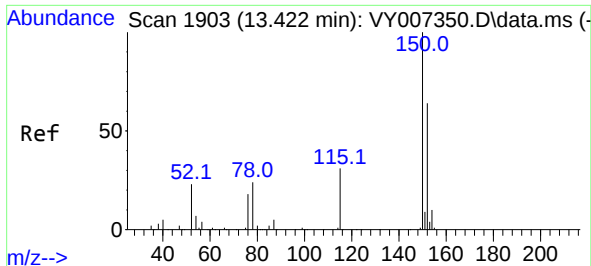
Tgt Ion: 95 Resp: 82581
Ion Ratio Lower Upper
95 100
174 78.9 0.0 177.0
176 76.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007452.D
Acq: 09 Feb 2022 14:59

Tgt Ion: 117 Resp: 184420
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 30.4 25.4 38.0

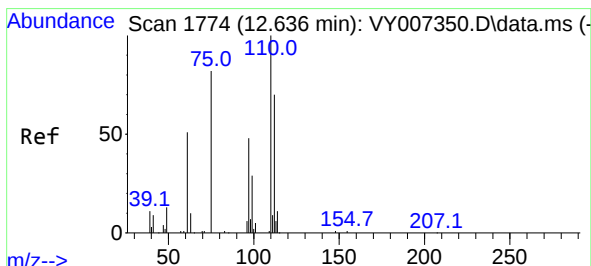
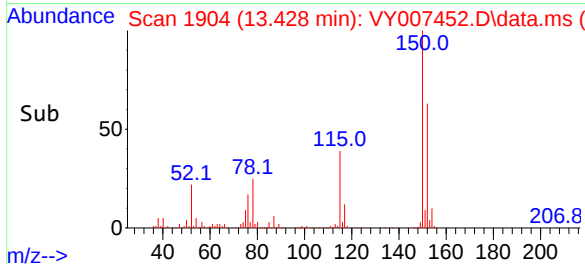
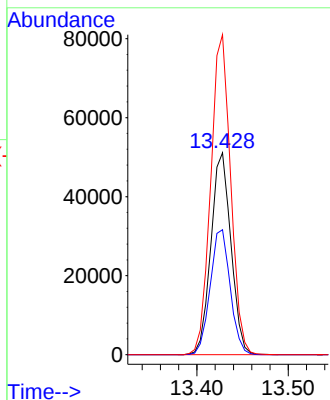
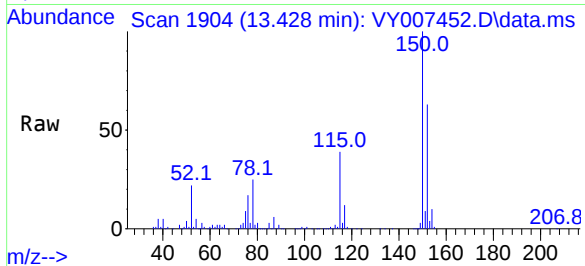




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007452.D
Acq: 09 Feb 2022 14:59

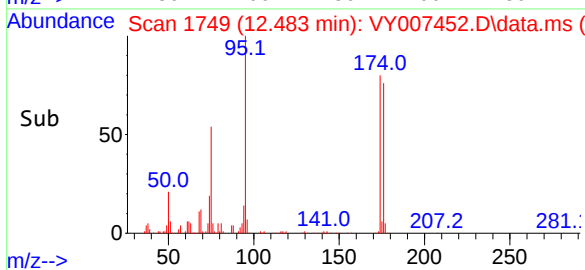
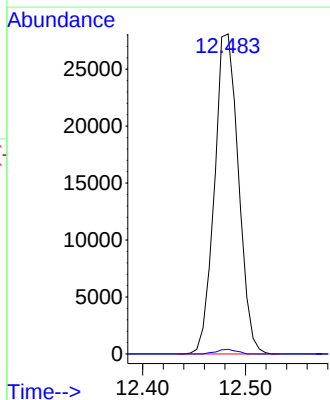
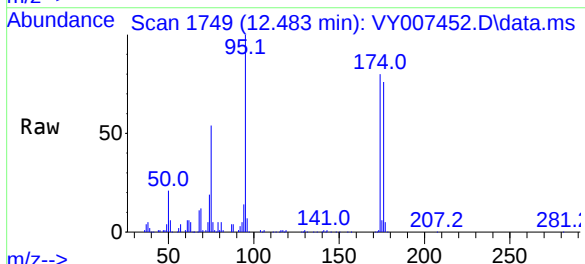
Instrument :
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ClientSampleId :
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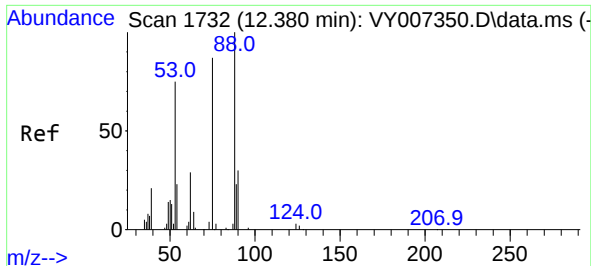
Tgt Ion:152 Resp: 77980
Ion Ratio Lower Upper
152 100
115 61.9 28.2 84.7
150 157.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.943 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007452.D
Acq: 09 Feb 2022 14:59

Tgt Ion: 75 Resp: 45372
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.053 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007452.D
 Acq: 09 Feb 2022 14:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-NORTH-COMP

Tgt Ion: 75 Resp: 45372
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

