

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009940.D
 Acq On : 10 Aug 2022 00:55
 Operator : KP/MD
 Sample : N4017-03
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB10

Quant Time: Aug 10 01:35:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

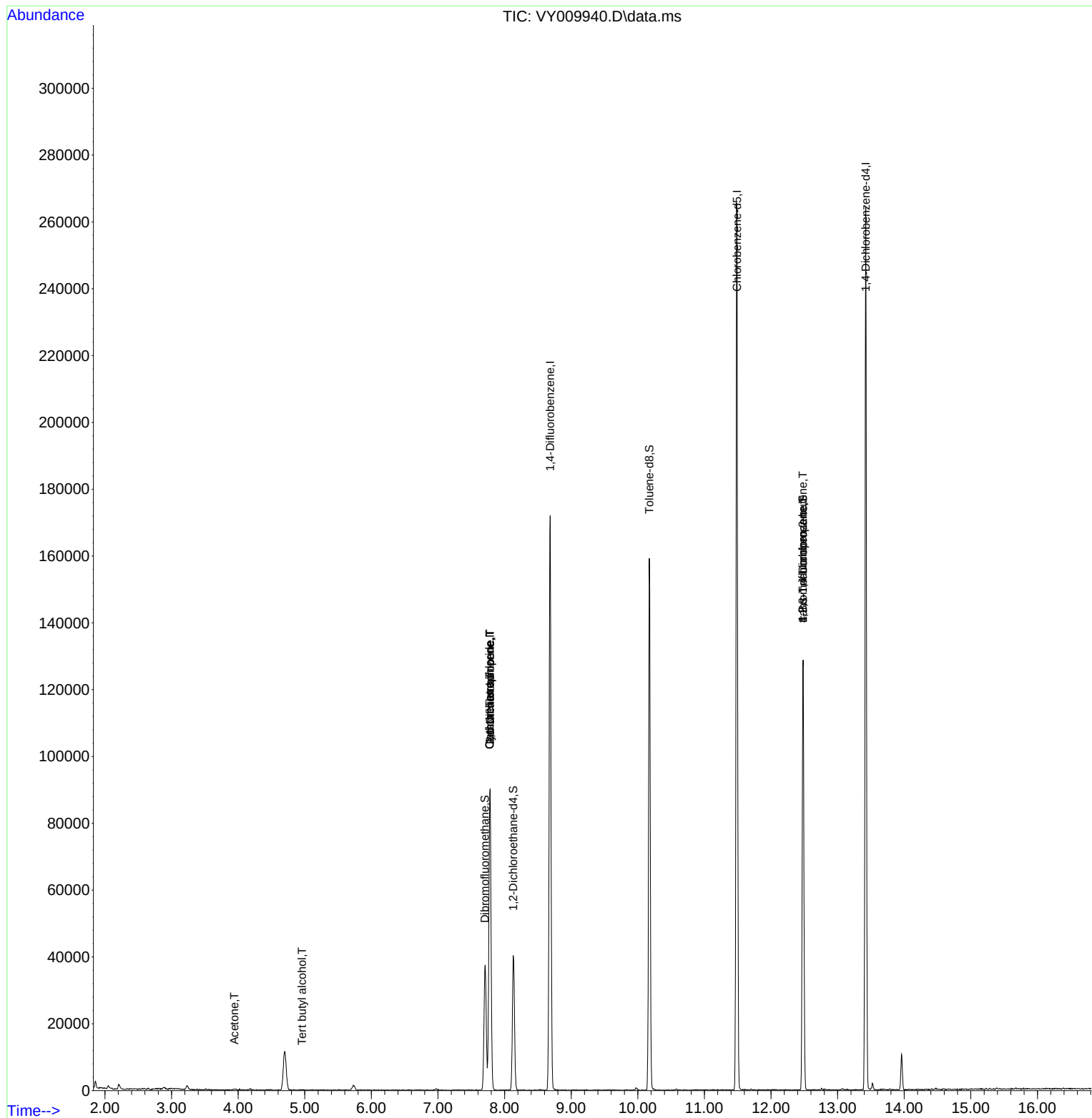
Internal Standards						
1) Pentafluorobenzene	7.783	168	68235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	144388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	142771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	29202	55.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.540%
35) Dibromofluoromethane	7.704	113	27133	34.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.240%
50) Toluene-d8	10.173	98	102324	42.025	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.040%
62) 4-Bromofluorobenzene	12.477	95	32470	29.669	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	188	2.430	ug/l #	78
16) Acetone	3.942	43	663	3.445	ug/l #	45
18) Methyl Acetate	4.466	43	164	Below Cal	#	52
31) Cyclohexane	7.777	56	1370	1.034	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	5579	4.218	ug/l #	48
38) Carbon Tetrachloride	7.777	117	6896	5.253	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	17290	25.002	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	17290	50.548	ug/l #	14

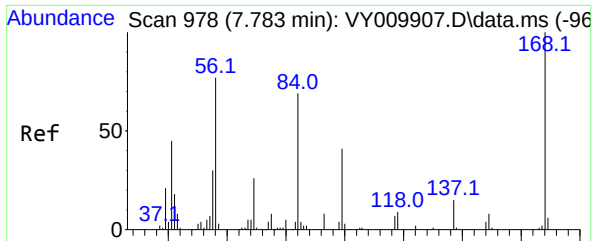
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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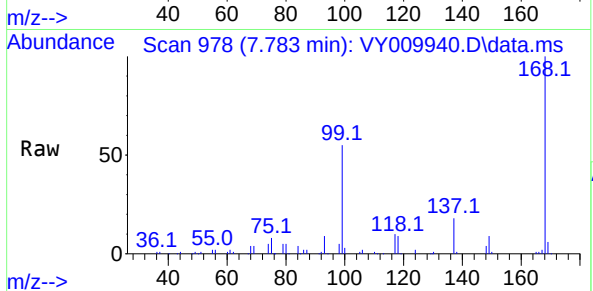
Quant Time: Aug 10 01:35:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
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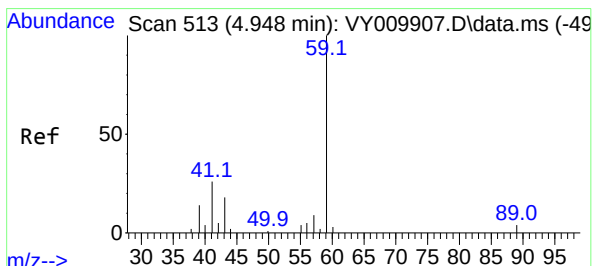
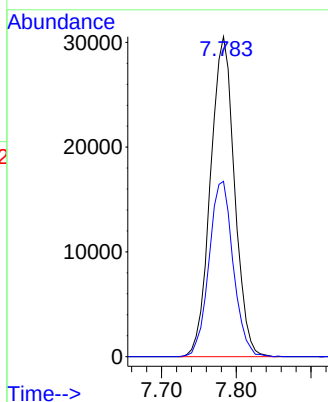
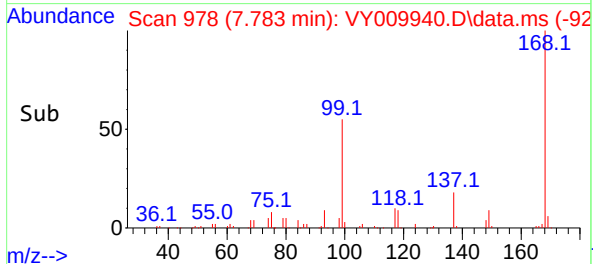


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009940.D
Acq: 10 Aug 2022 00:55

Instrument :
MSVOA_Y
ClientSampleId :
SB10

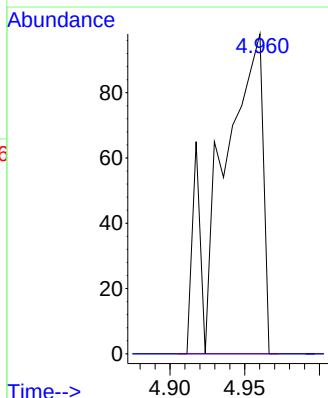
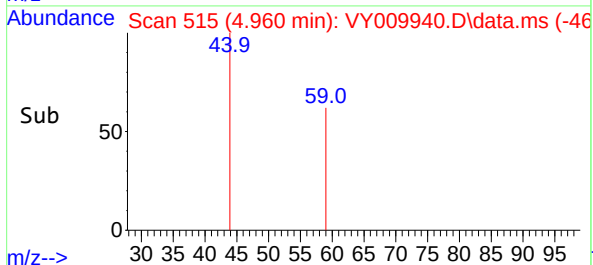
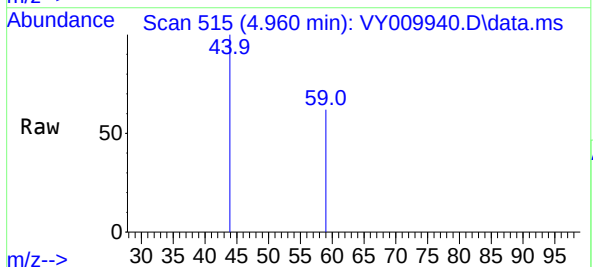


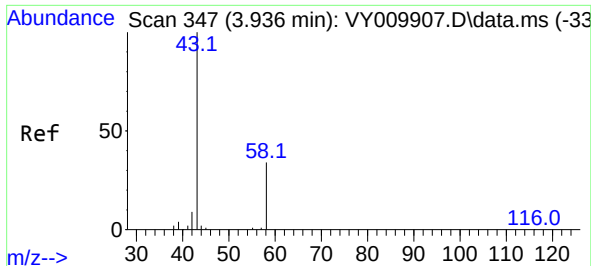
Tgt Ion:168 Resp: 68235
Ion Ratio Lower Upper
168 100
99 54.8 42.1 63.1



#11
Tert butyl alcohol
Concen: 2.430 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY009940.D
Acq: 10 Aug 2022 00:55

Tgt Ion: 59 Resp: 188
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

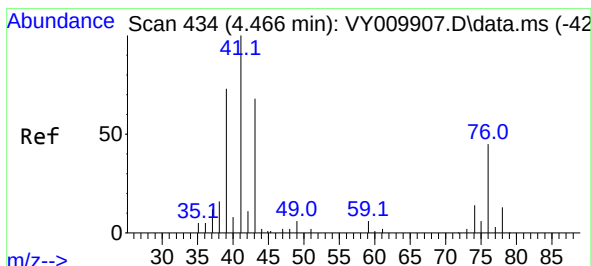
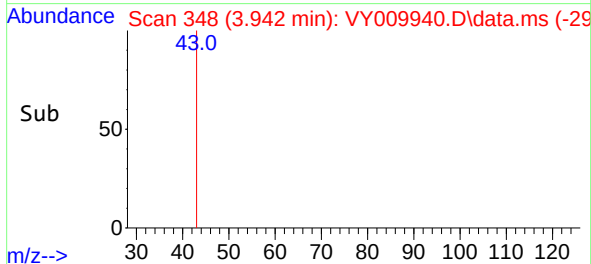
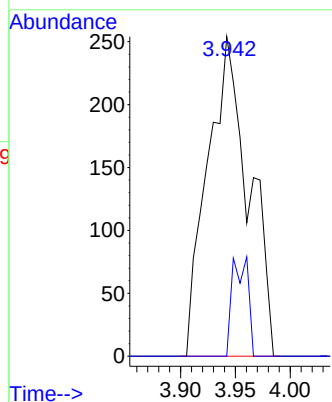
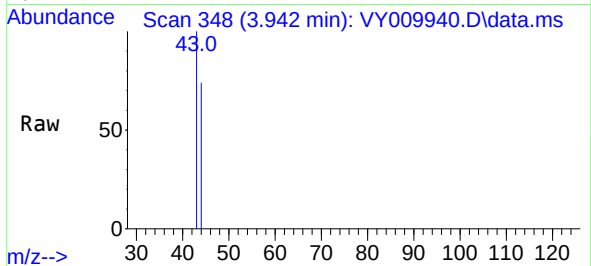




#16
Acetone
Concen: 3.445 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009940.D
Acq: 10 Aug 2022 00:55

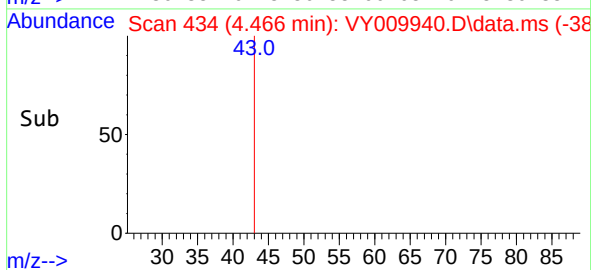
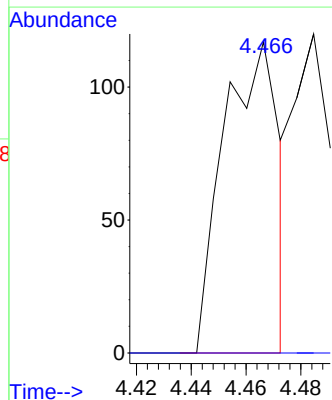
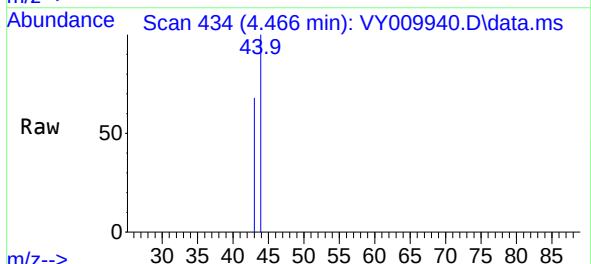
Instrument :
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ClientSampleId :
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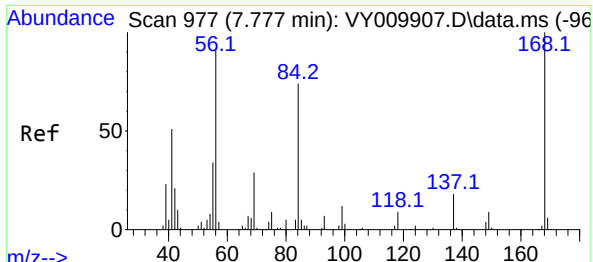
Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009940.D
Acq: 10 Aug 2022 00:55

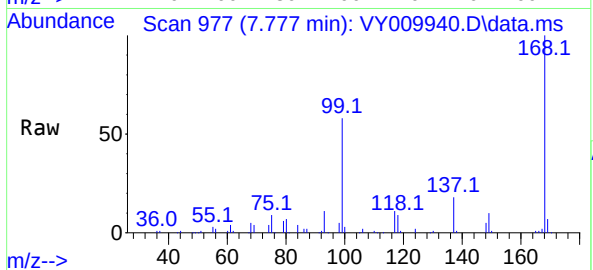
Tgt Ion: 43 Resp: 164
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



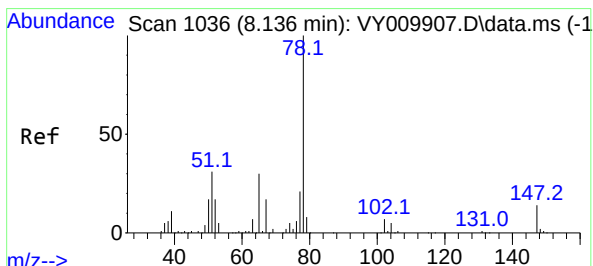
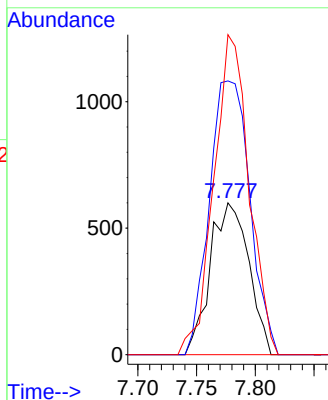
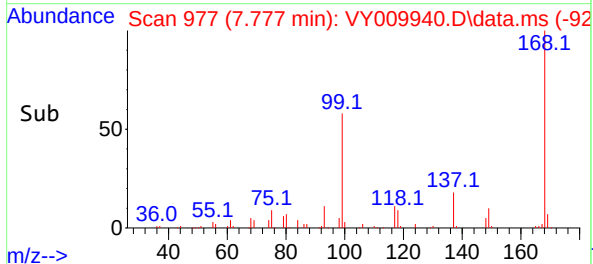


#31
Cyclohexane
Concen: 1.034 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009940.D
Acq: 10 Aug 2022 00:55

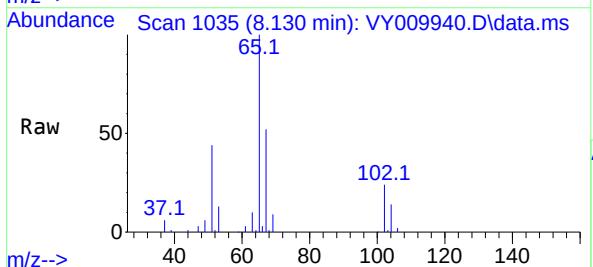
Instrument :
MSVOA_Y
ClientSampleId :
SB10



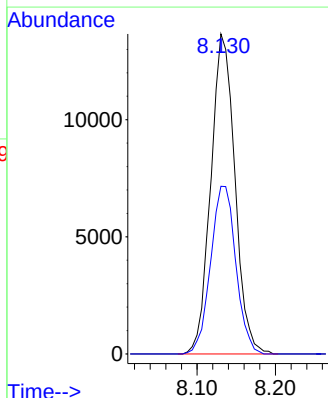
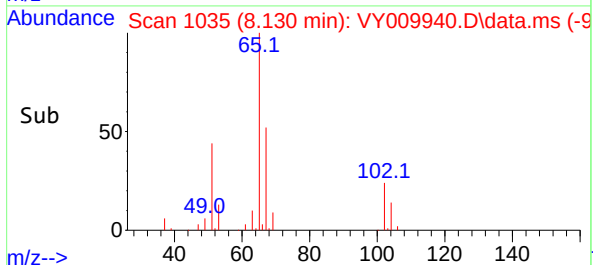
Tgt Ion: 56 Resp: 1370
Ion Ratio Lower Upper
56 100
69 180.3 26.0 39.0#
84 210.8 69.5 104.3#

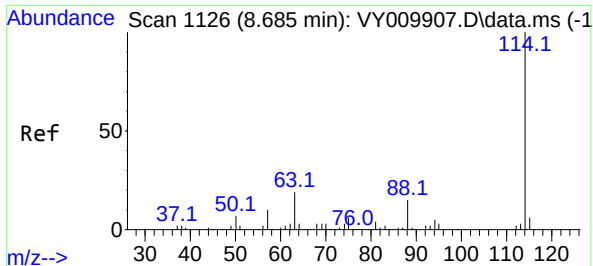


#33
1,2-Dichloroethane-d4
Concen: 55.273 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009940.D
Acq: 10 Aug 2022 00:55



Tgt Ion: 65 Resp: 29202
Ion Ratio Lower Upper
65 100
67 54.9 0.0 108.4

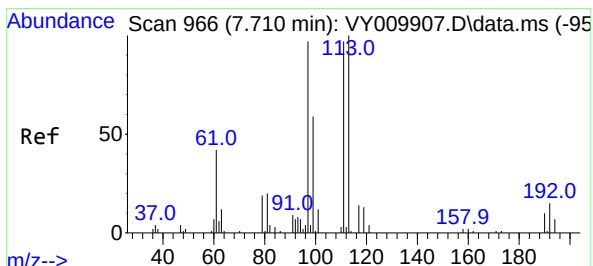
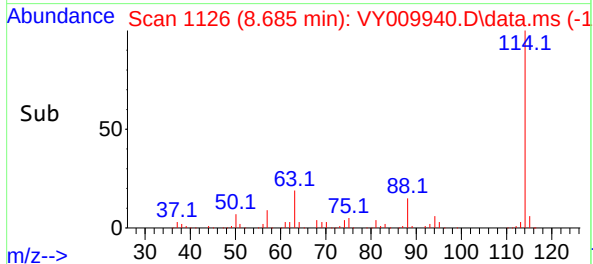
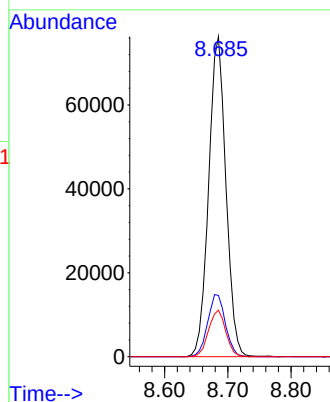
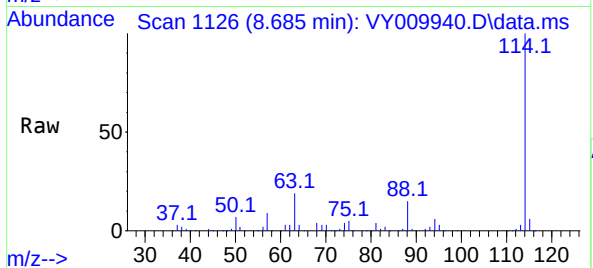




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009940.D
Acq: 10 Aug 2022 00:55

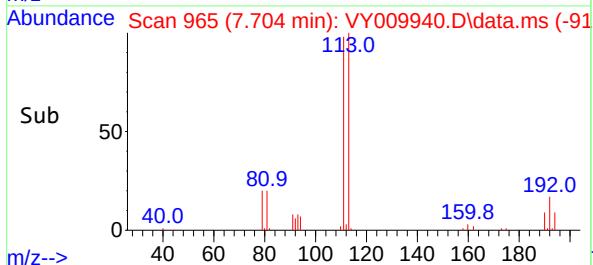
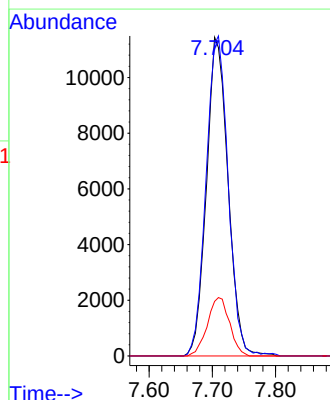
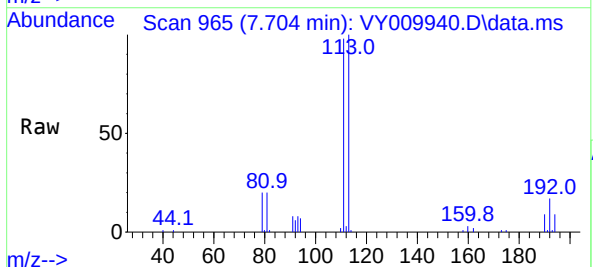
Instrument :
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ClientSampleId :
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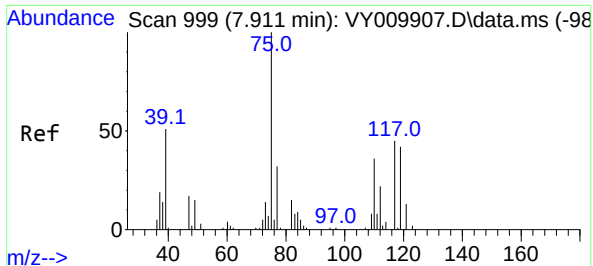
Tgt Ion:114 Resp: 144388
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.0
88 14.5 0.0 30.0



#35
Dibromofluoromethane
Concen: 34.617 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.005 min
Lab File: VY009940.D
Acq: 10 Aug 2022 00:55

Tgt Ion:113 Resp: 27133
Ion Ratio Lower Upper
113 100
111 103.0 80.6 120.8
192 18.8 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.218 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009940.D

Acq: 10 Aug 2022 00:55

Instrument :

MSVOA_Y

ClientSampleId :

SB10

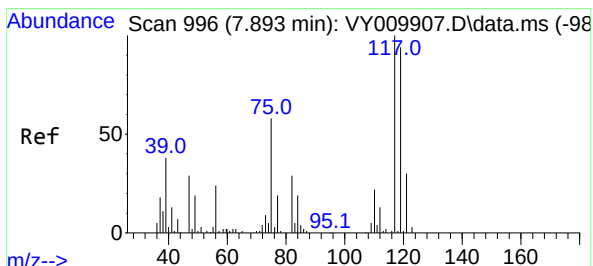
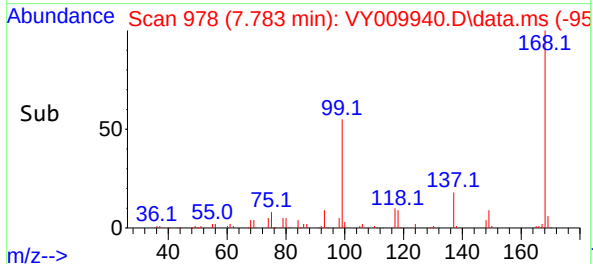
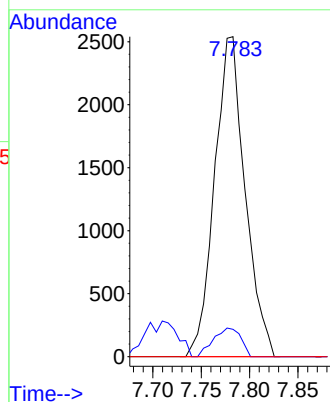
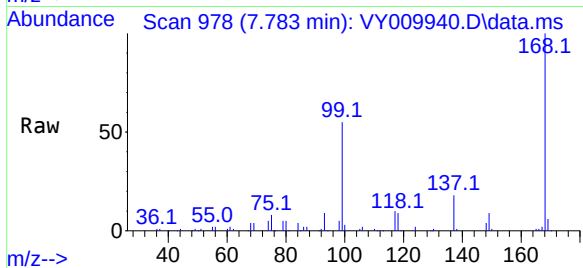
Tgt Ion: 75 Resp: 5579

Ion Ratio Lower Upper

75 100

110 8.0 18.6 56.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.253 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.115 min

Lab File: VY009940.D

Acq: 10 Aug 2022 00:55

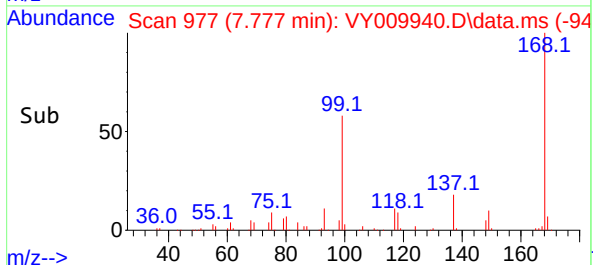
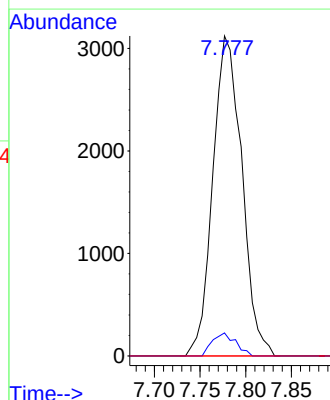
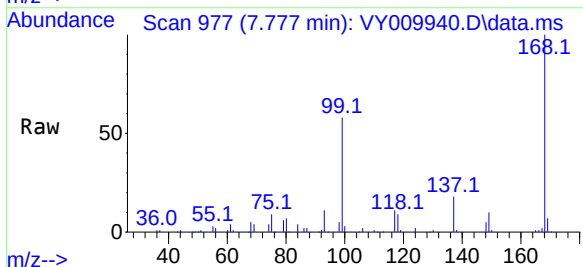
Tgt Ion: 117 Resp: 6896

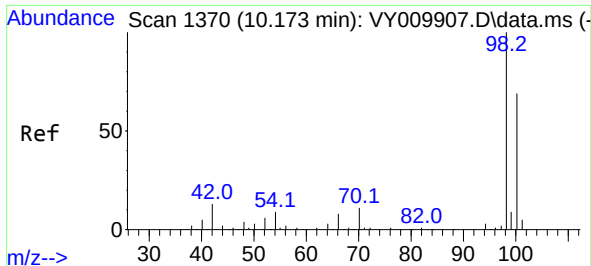
Ion Ratio Lower Upper

117 100

119 7.2 75.9 113.9#

121 0.0 24.9 37.3#

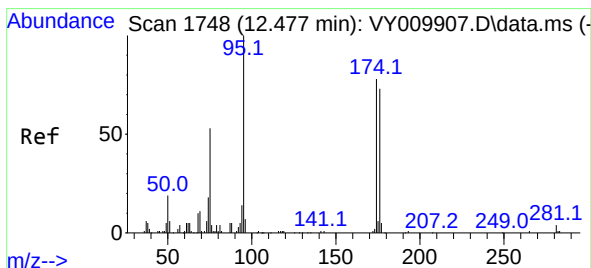
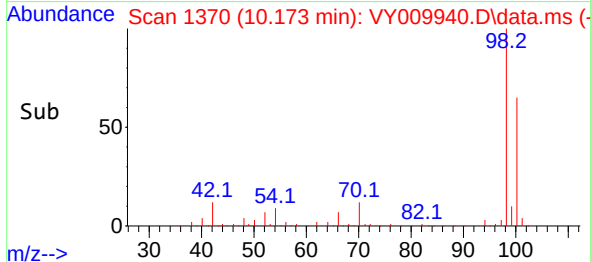
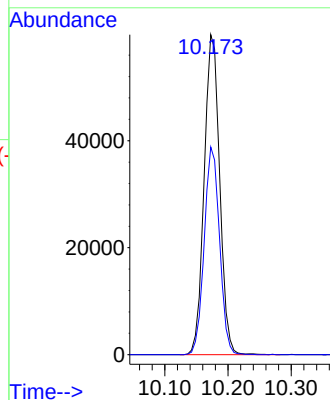
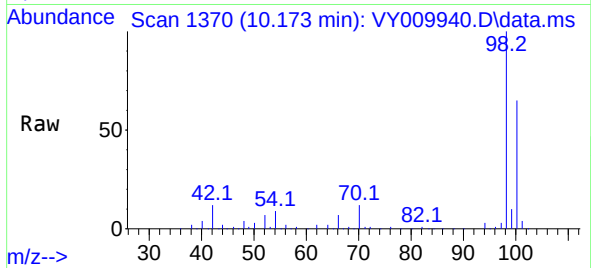




#50
Toluene-d8
Concen: 42.025 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009940.D
Acq: 10 Aug 2022 00:55

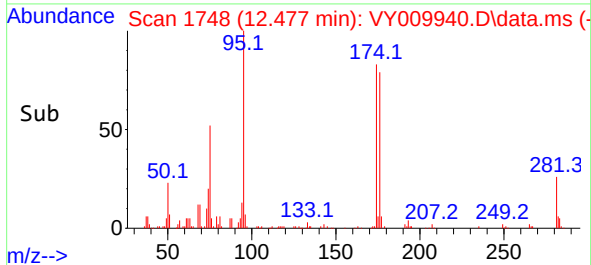
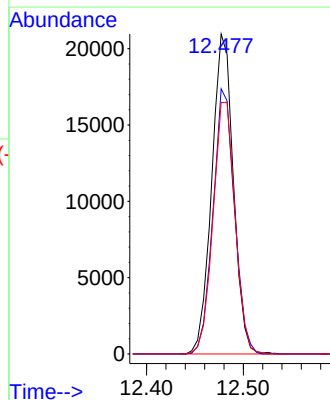
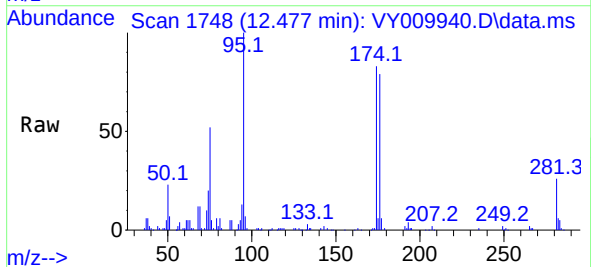
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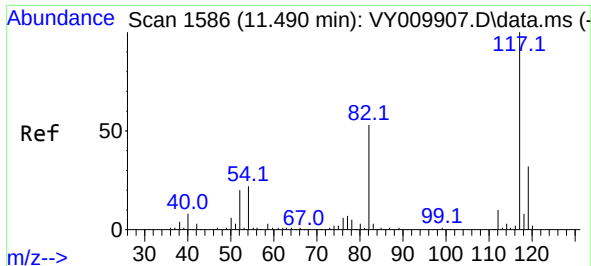
Tgt Ion: 98 Resp: 102324
Ion Ratio Lower Upper
98 100
100 64.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 29.669 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009940.D
Acq: 10 Aug 2022 00:55

Tgt Ion: 95 Resp: 32470
Ion Ratio Lower Upper
95 100
174 82.2 0.0 173.8
176 80.3 0.0 167.0

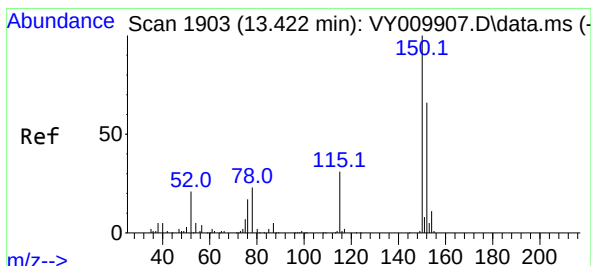
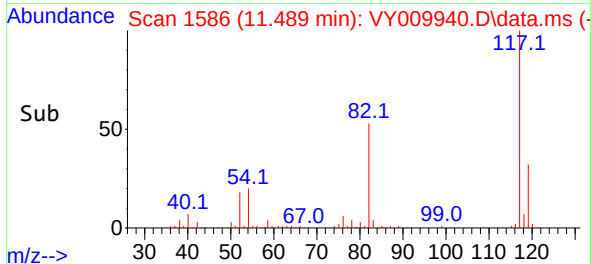
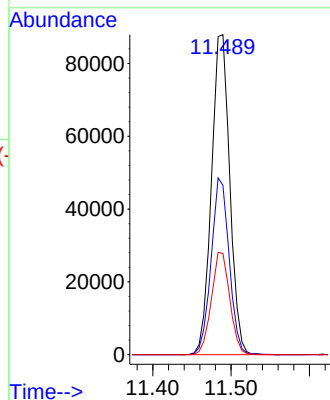
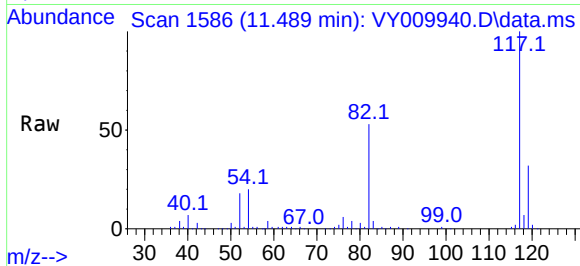




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009940.D
Acq: 10 Aug 2022 00:55

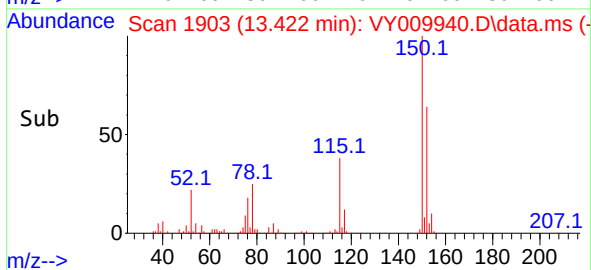
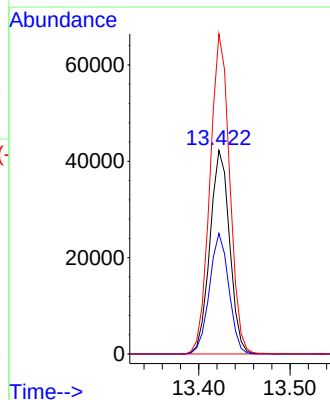
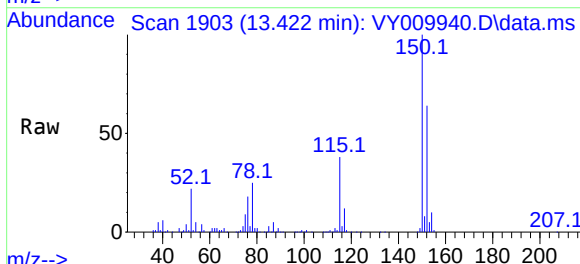
Instrument :
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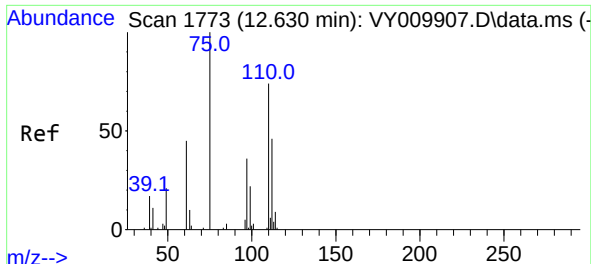
Tgt Ion:117 Resp: 142771
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.6
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009940.D
Acq: 10 Aug 2022 00:55

Tgt Ion:152 Resp: 63207
Ion Ratio Lower Upper
152 100
115 58.2 28.6 85.9
150 157.4 0.0 349.8

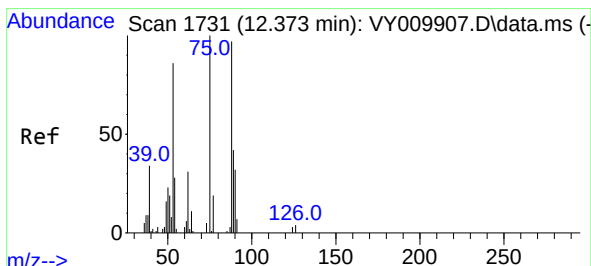
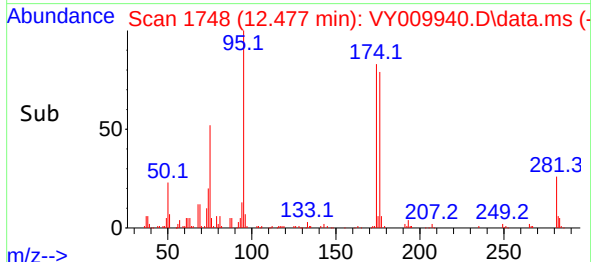
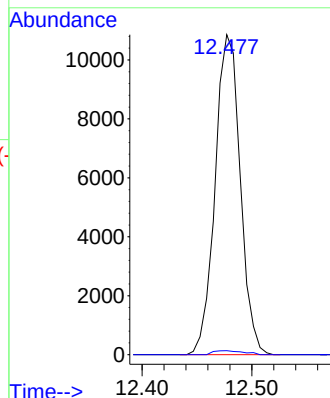
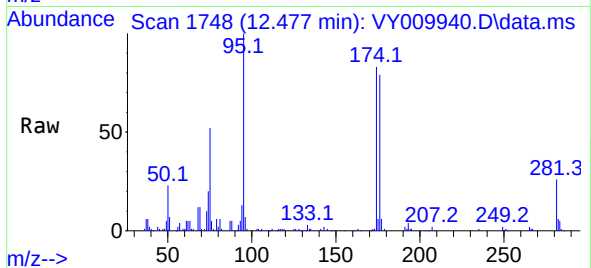




#76
1,2,3-Trichloropropane
Concen: 25.002 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009940.D
Acq: 10 Aug 2022 00:55

Instrument :
MSVOA_Y
ClientSampleId :
SB10

Tgt Ion: 75 Resp: 17290
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.548 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009940.D
Acq: 10 Aug 2022 00:55

Tgt Ion: 75 Resp: 17290
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.8 38.1 57.1#

