

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010024.D
 Acq On : 15 Aug 2022 01:41
 Operator : KP/MD
 Sample : N4046-17
 Misc : 6.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-09

Quant Time: Aug 15 06:24:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

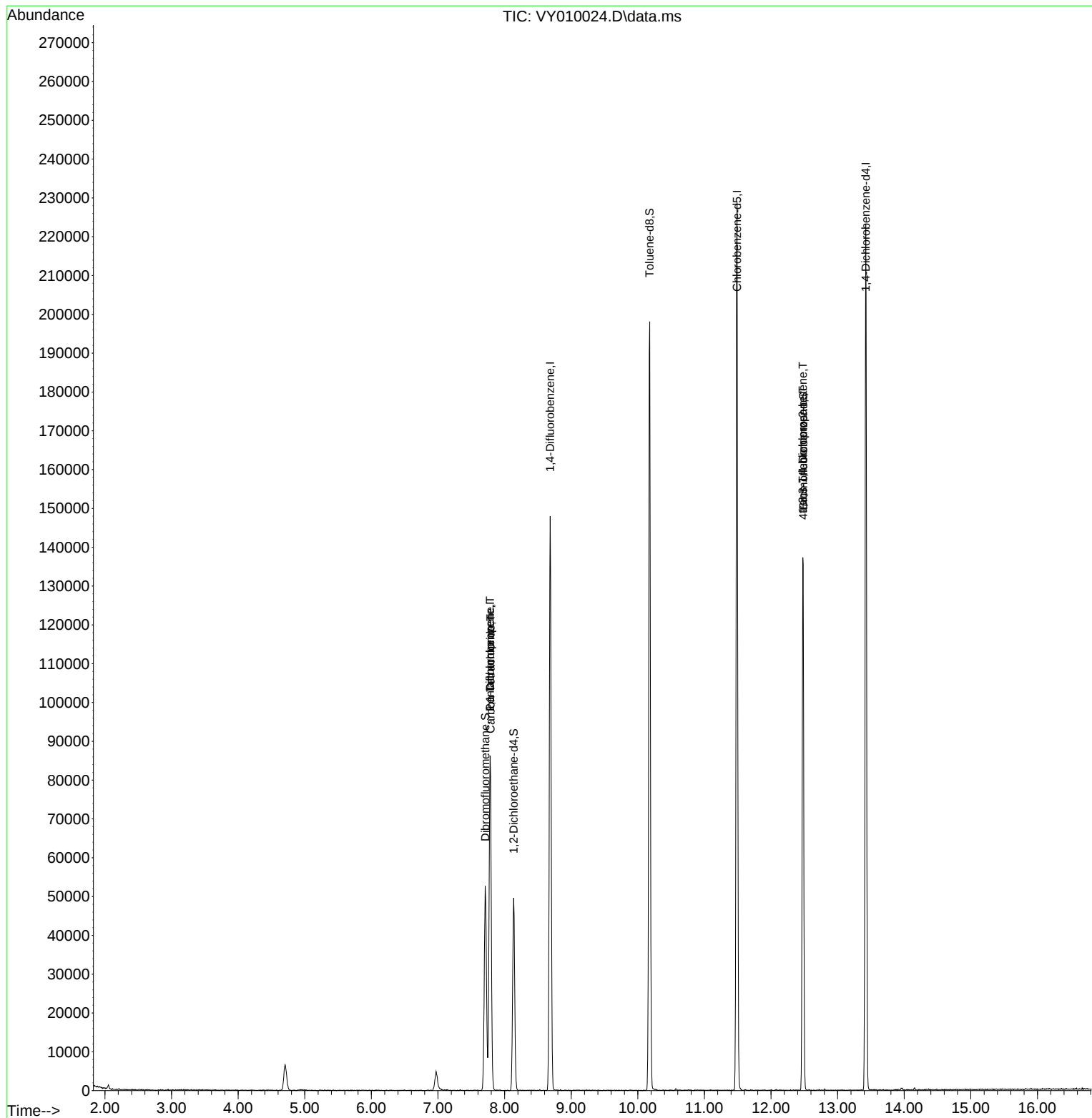
Internal Standards						
1) Pentafluorobenzene	7.783	168	68927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	132390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	133706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	38334	54.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.660%	
35) Dibromofluoromethane	7.710	113	37506	46.288	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.580%	
50) Toluene-d8	10.179	98	135628	43.685	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.360%	
62) 4-Bromofluorobenzene	12.483	95	46565	40.936	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.880%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	550	Below Cal	#	78
18) Methyl Acetate	4.460	43	20	Below Cal	#	52
36) 1,1-Dichloropropene	7.783	75	5029	4.168	ug/l #	47
38) Carbon Tetrachloride	7.789	117	6841	5.681	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	21547	30.788	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	21547	66.926	ug/l #	13

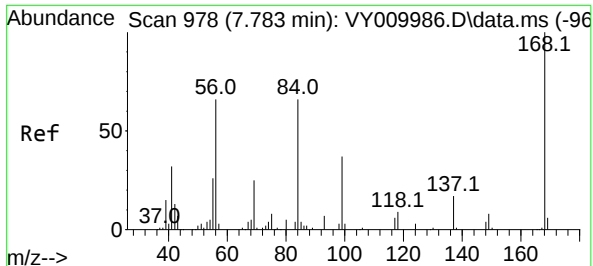
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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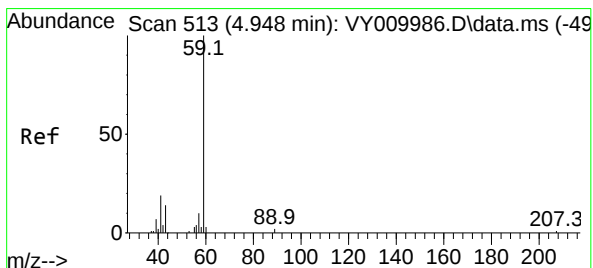
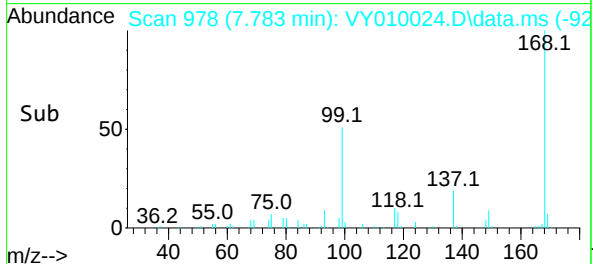
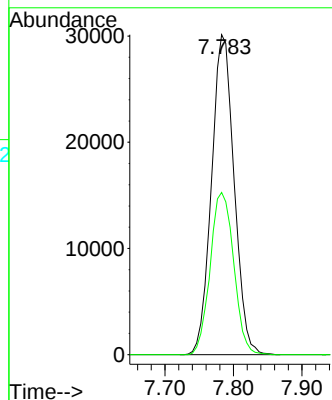
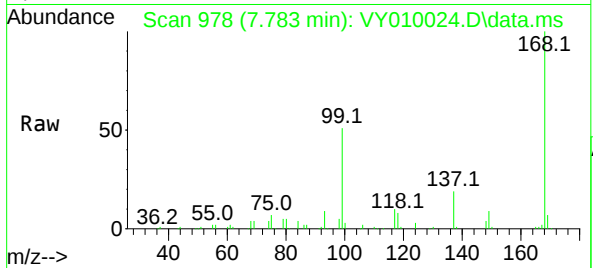




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010024.D
Acq: 15 Aug 2022 01:41

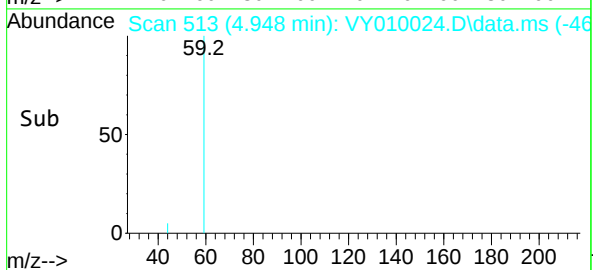
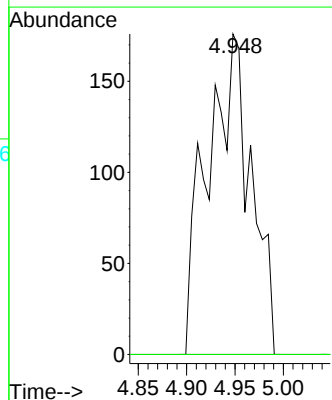
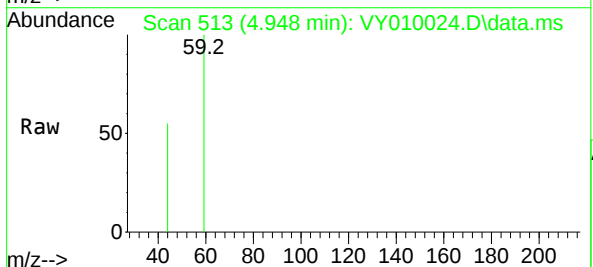
Instrument :
MSVOA_Y
ClientSampleId :
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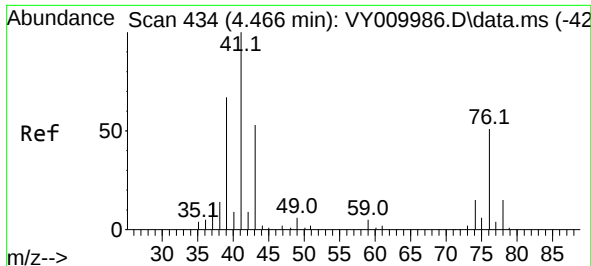
Tgt Ion:168 Resp: 68927
Ion Ratio Lower Upper
168 100
99 50.7 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY010024.D
Acq: 15 Aug 2022 01:41

Tgt Ion: 59 Resp: 550
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

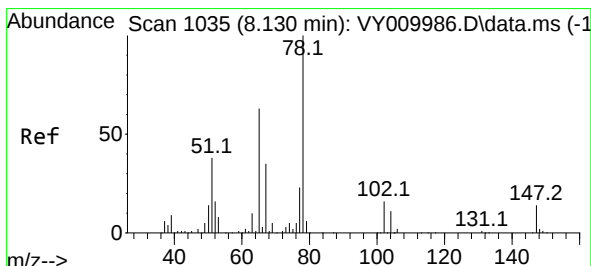
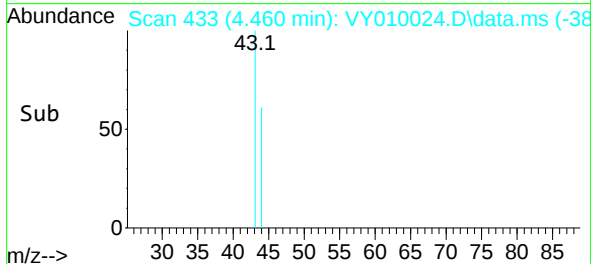
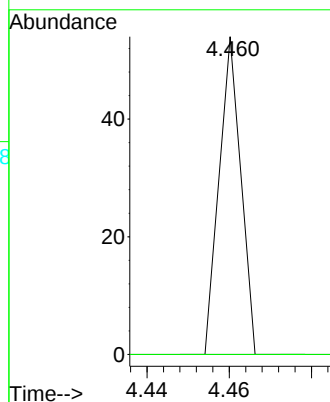
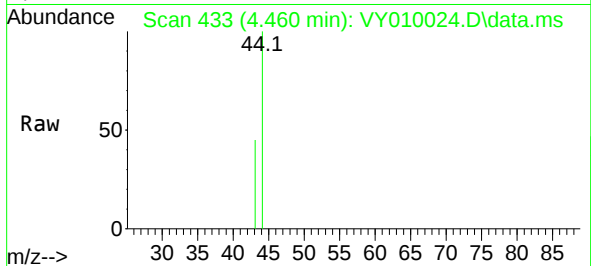




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010024.D
Acq: 15 Aug 2022 01:41

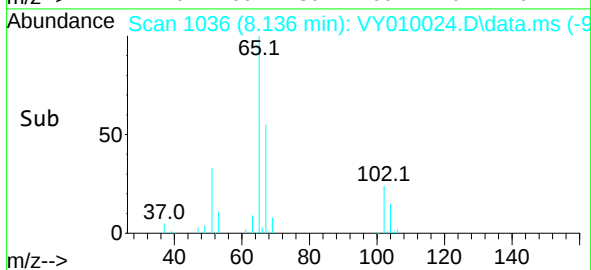
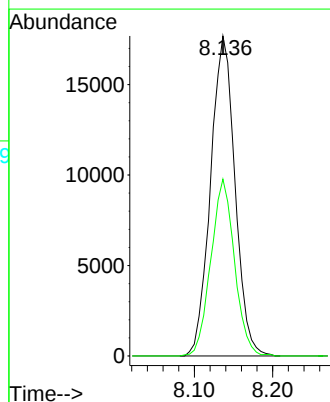
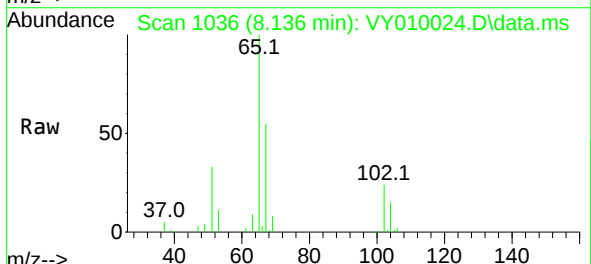
Instrument :
MSVOA_Y
ClientSampleId :
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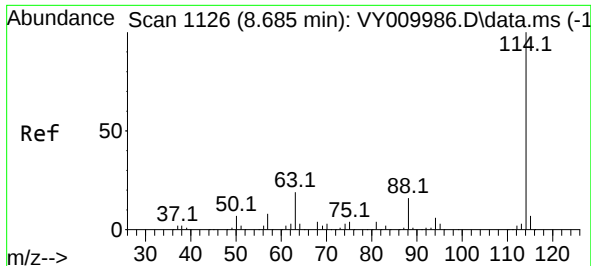
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#33
1,2-Dichloroethane-d4
Concen: 54.826 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010024.D
Acq: 15 Aug 2022 01:41

Tgt Ion: 65 Resp: 38334
Ion Ratio Lower Upper
65 100
67 53.4 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: VY010024.D

Acq: 15 Aug 2022 01:41

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BACKFILL-09

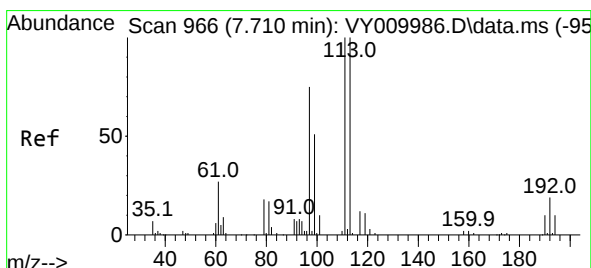
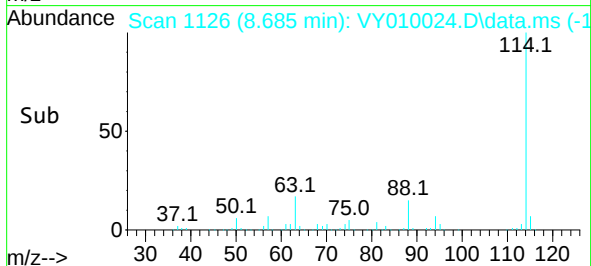
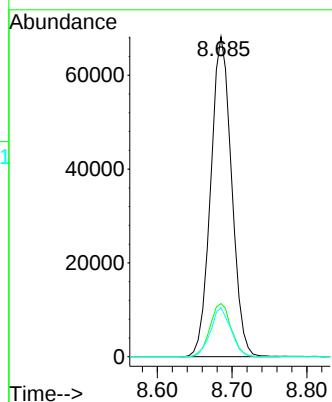
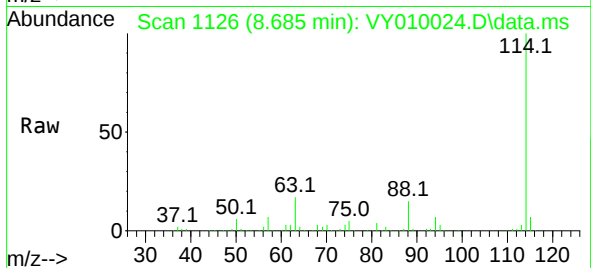
Tgt Ion:114 Resp: 132390

Ion Ratio Lower Upper

114 100

63 16.6 0.0 38.0

88 15.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 46.288 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY010024.D

Acq: 15 Aug 2022 01:41

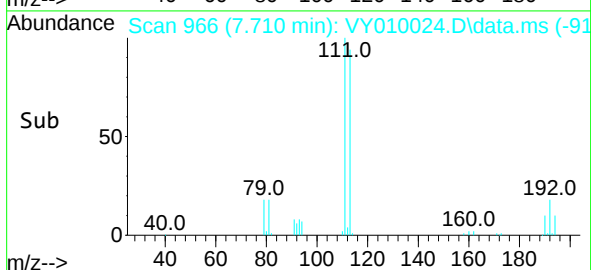
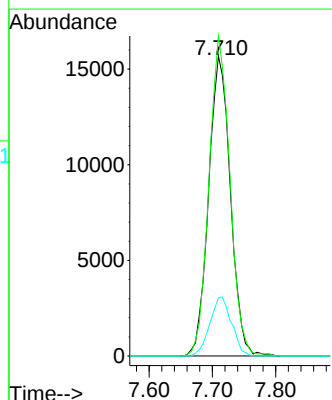
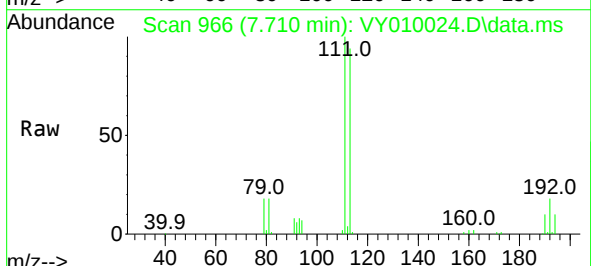
Tgt Ion:113 Resp: 37506

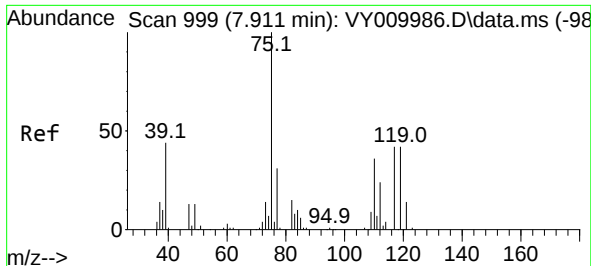
Ion Ratio Lower Upper

113 100

111 102.9 80.6 120.8

192 19.5 16.2 24.4

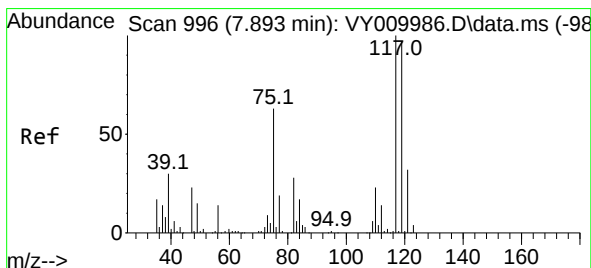
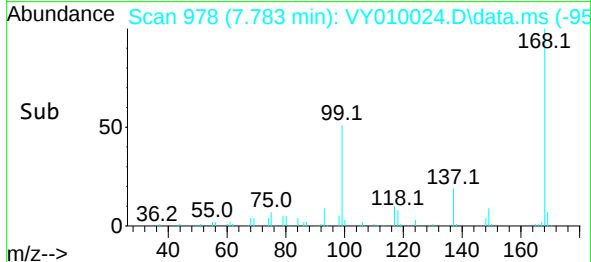
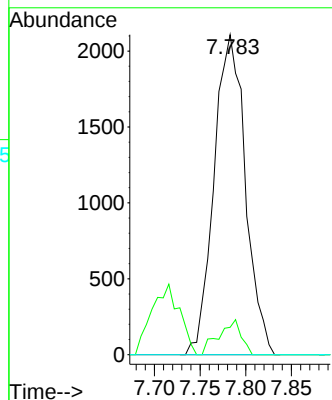
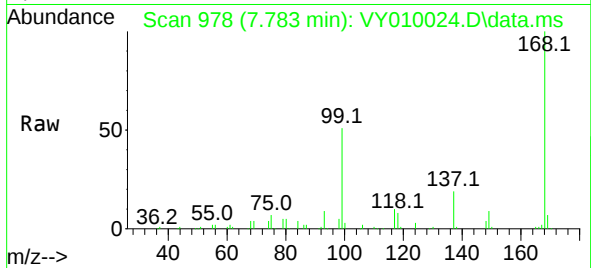




#36
1,1-Dichloropropene
Concen: 4.168 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010024.D
Acq: 15 Aug 2022 01:41

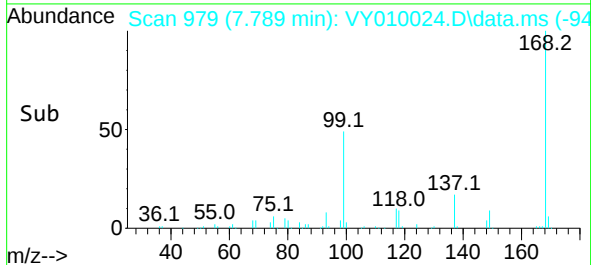
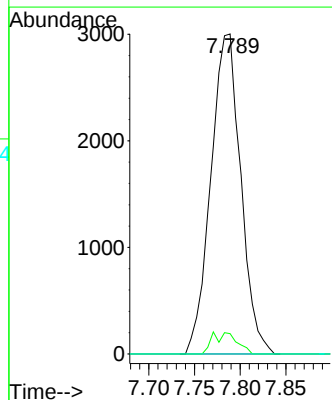
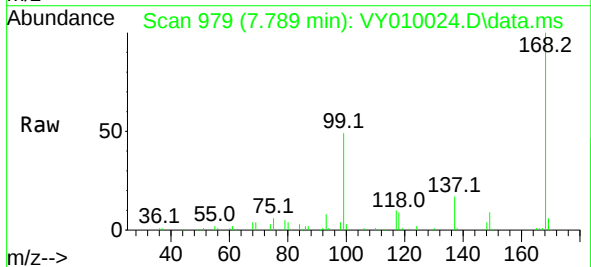
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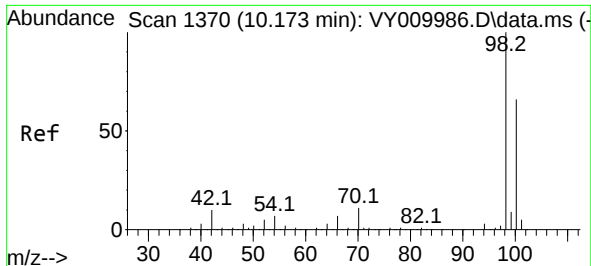
Tgt Ion: 75 Resp: 5029
Ion Ratio Lower Upper
75 100
110 7.9 18.6 56.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.681 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY010024.D
Acq: 15 Aug 2022 01:41

Tgt Ion: 117 Resp: 6841
Ion Ratio Lower Upper
117 100
119 6.4 75.9 113.9#
121 0.0 24.9 37.3#

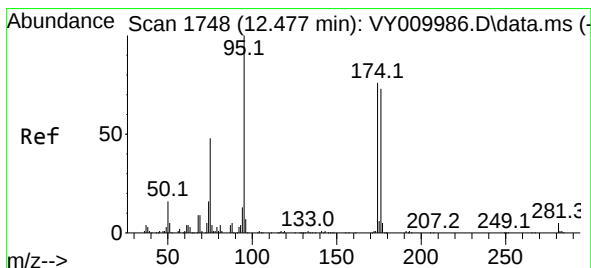
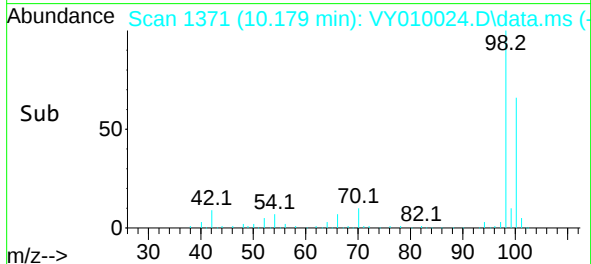
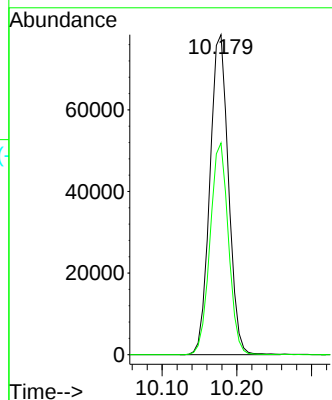
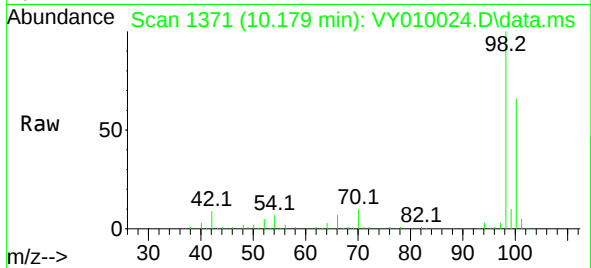




#50
Toluene-d8
Concen: 43.685 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010024.D
Acq: 15 Aug 2022 01:41

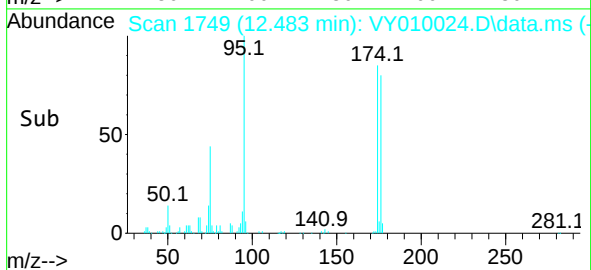
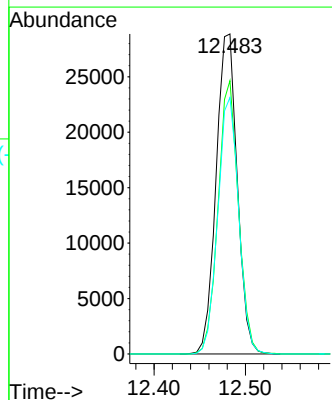
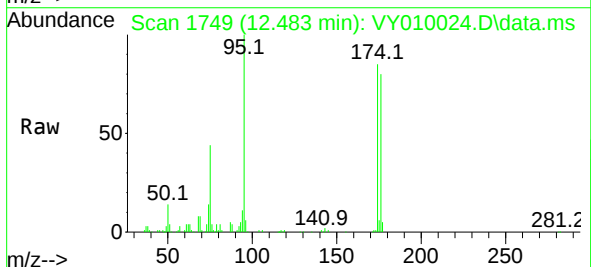
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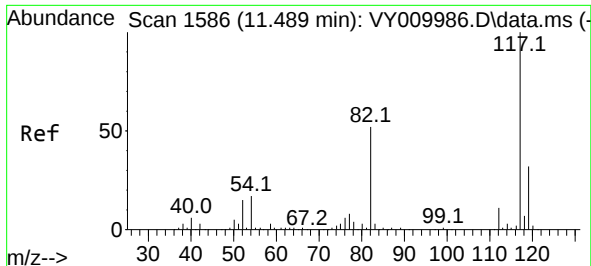
Tgt Ion: 98 Resp: 135628
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 40.936 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010024.D
Acq: 15 Aug 2022 01:41

Tgt Ion: 95 Resp: 46565
Ion Ratio Lower Upper
95 100
174 81.8 0.0 173.8
176 78.9 0.0 167.0

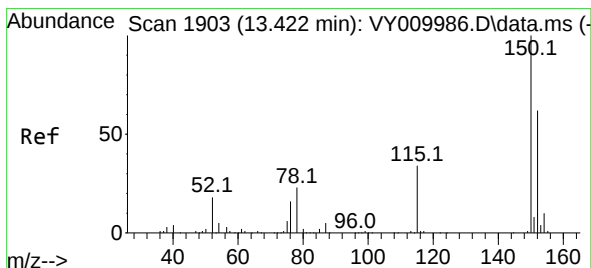
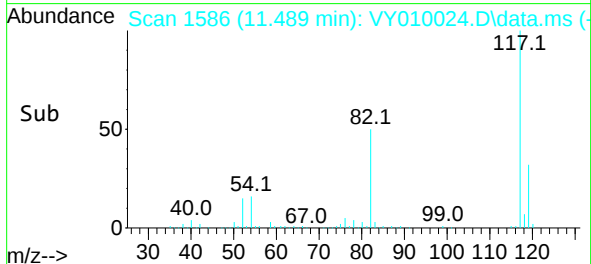
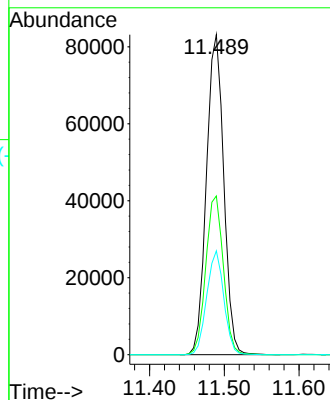
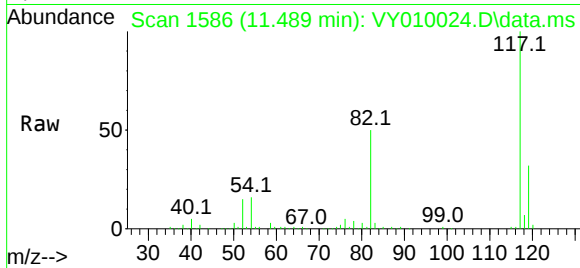




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010024.D
Acq: 15 Aug 2022 01:41

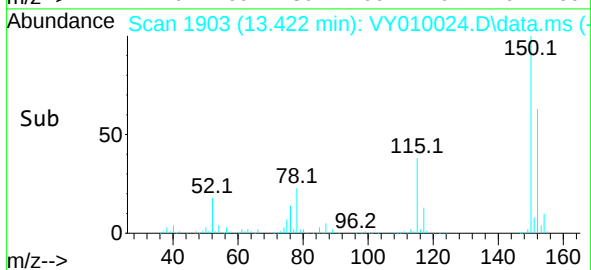
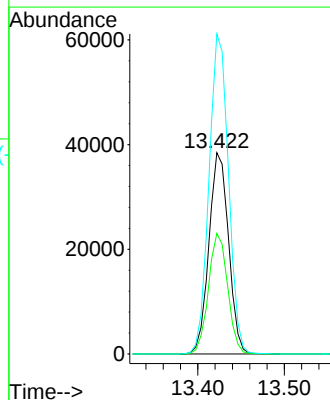
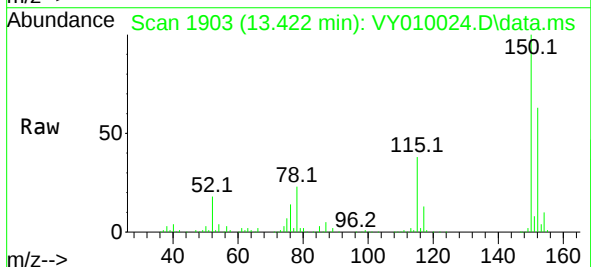
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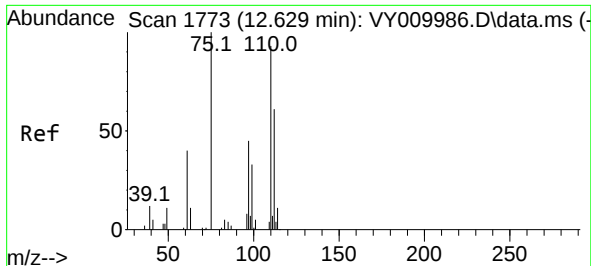
Tgt Ion:117 Resp: 133706
Ion Ratio Lower Upper
117 100
82 49.6 41.8 62.6
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010024.D
Acq: 15 Aug 2022 01:41

Tgt Ion:152 Resp: 60563
Ion Ratio Lower Upper
152 100
115 58.4 28.6 85.9
150 157.4 0.0 349.8

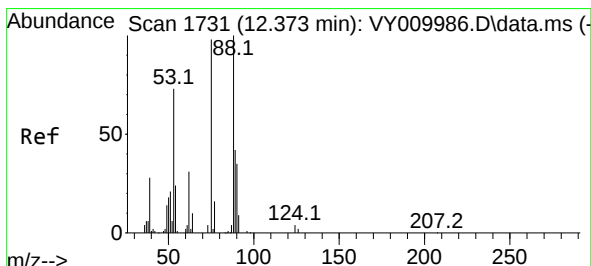
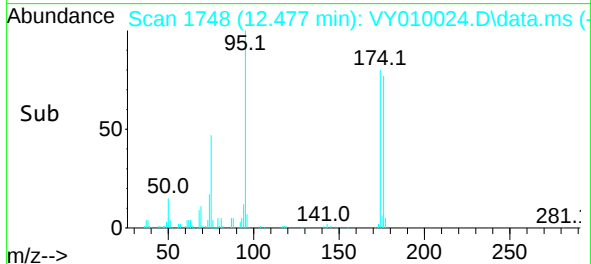
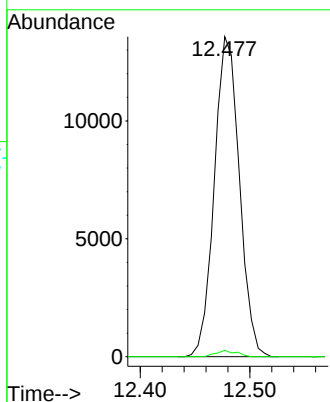
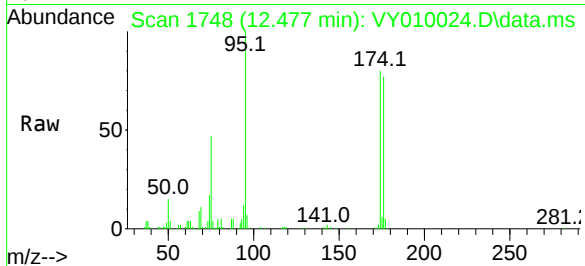




#76
1,2,3-Trichloropropane
Concen: 30.788 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010024.D
Acq: 15 Aug 2022 01:41

Instrument :
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ClientSampleId :
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Tgt Ion: 75 Resp: 21547
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.926 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010024.D
Acq: 15 Aug 2022 01:41

Tgt Ion: 75 Resp: 21547
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

