

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010078.D
 Acq On : 17 Aug 2022 18:59
 Operator : KP/MD
 Sample : N4124-06
 Misc : 9.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NJP6

Quant Time: Aug 18 08:22:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

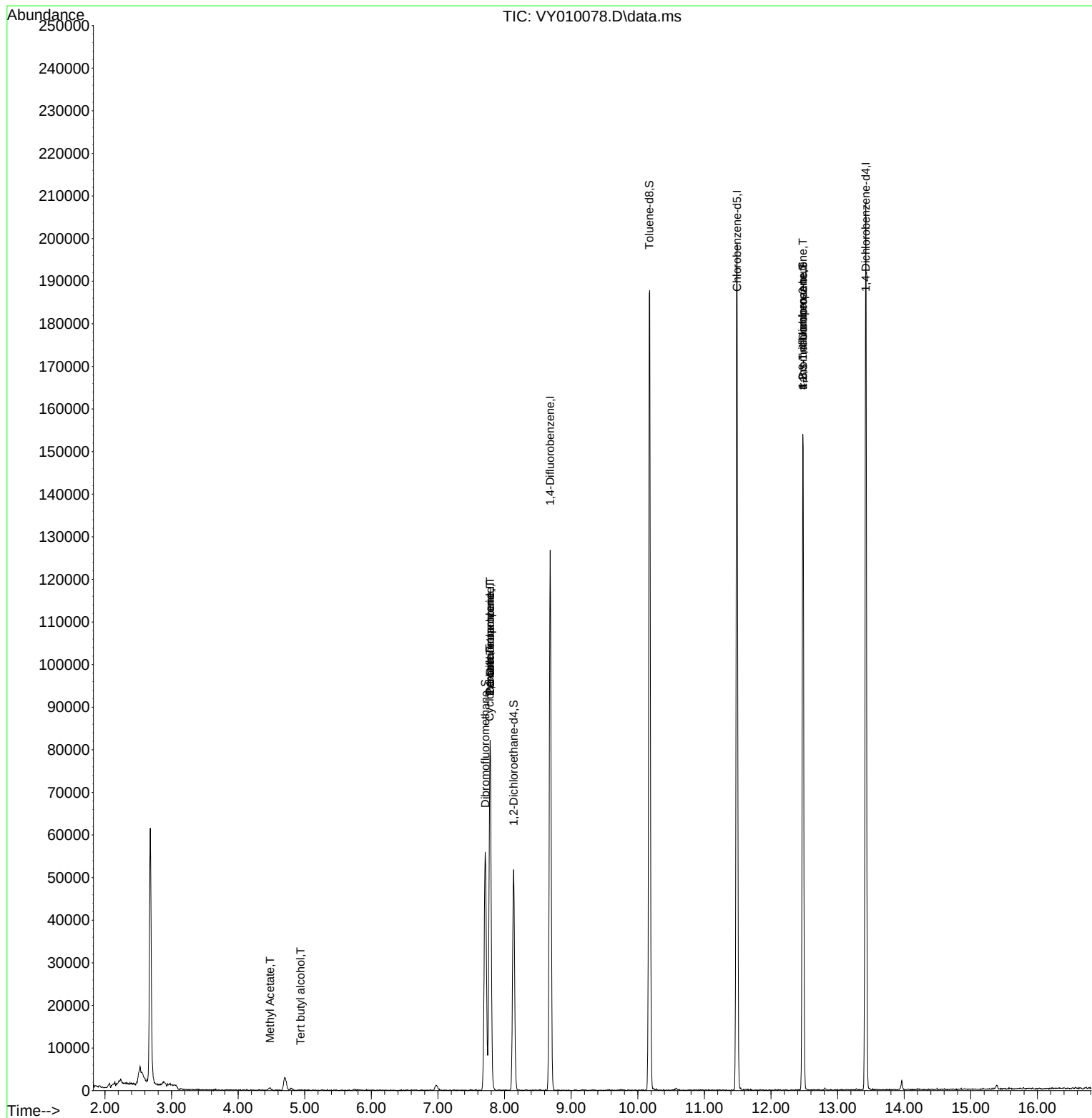
Internal Standards						
1) Pentafluorobenzene	7.783	168	67971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	110708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	114012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	40149	59.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.160%	
35) Dibromofluoromethane	7.710	113	38940	54.238	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.480%	
50) Toluene-d8	10.173	98	127246	47.905	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.820%	
62) 4-Bromofluorobenzene	12.477	95	45900	49.199	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	129	1.952	ug/l #	74
18) Methyl Acetate	4.479	43	1075	2.712	ug/l	90
31) Cyclohexane	7.777	56	1202	1.252	ug/l #	30
36) 1,1-Dichloropropene	7.783	75	4576	4.575	ug/l #	45
38) Carbon Tetrachloride	7.783	117	6184	5.028	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	23037	43.303	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	23037	97.860	ug/l #	12

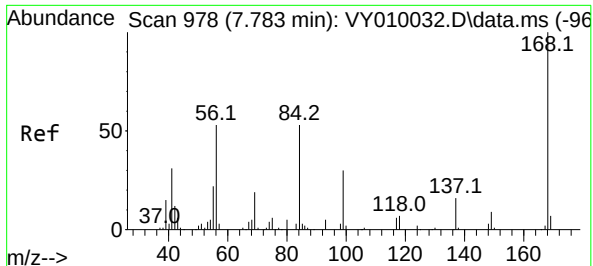
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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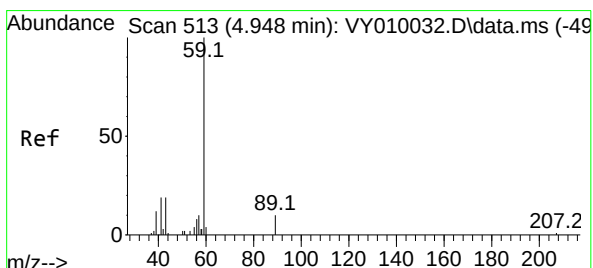
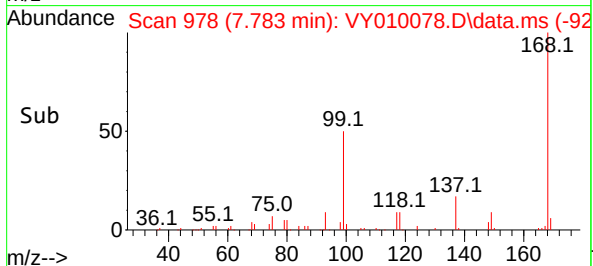
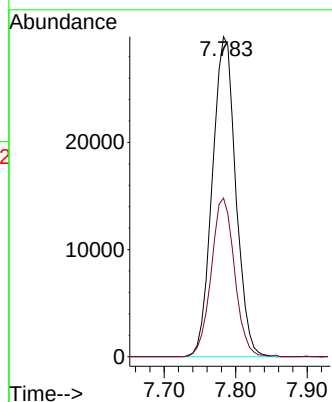
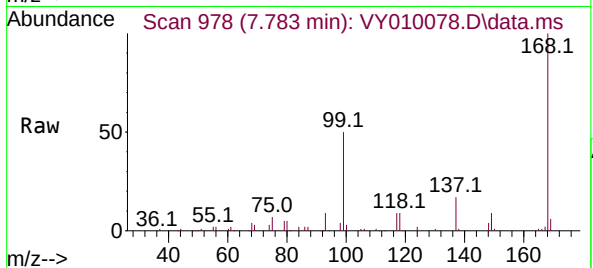




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010078.D
Acq: 17 Aug 2022 18:59

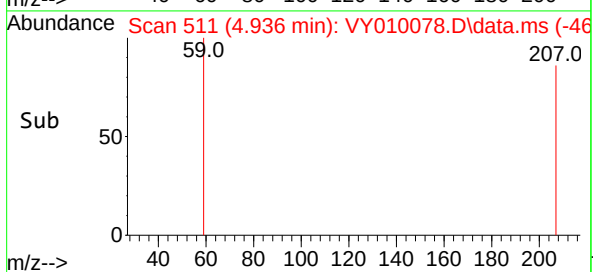
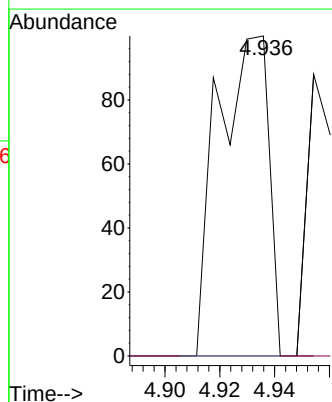
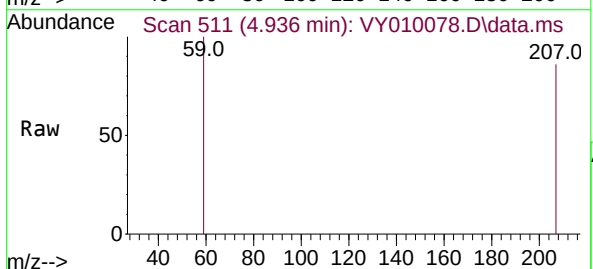
Instrument :
MSVOA_Y
ClientSampleId :
NJP6

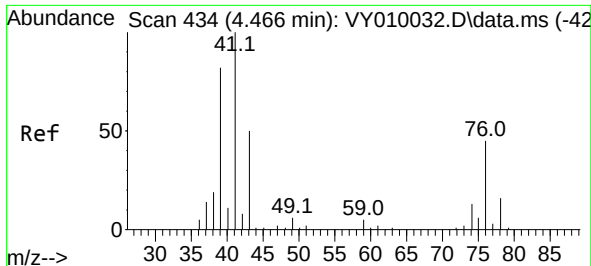
Tgt Ion:168 Resp: 67971
Ion Ratio Lower Upper
168 100
99 49.6 37.7 56.5



#11
Tert butyl alcohol
Concen: 1.952 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010078.D
Acq: 17 Aug 2022 18:59

Tgt Ion: 59 Resp: 129
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

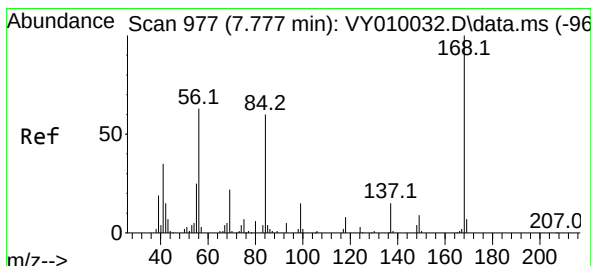
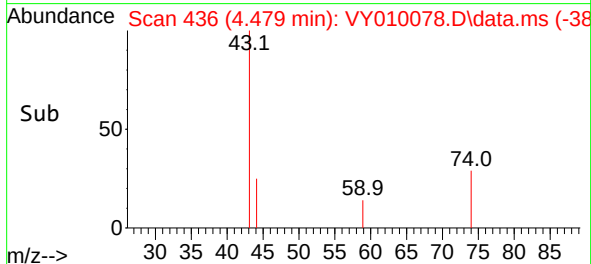
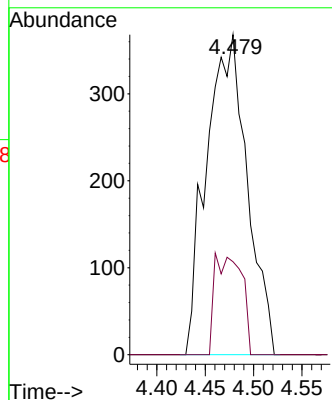
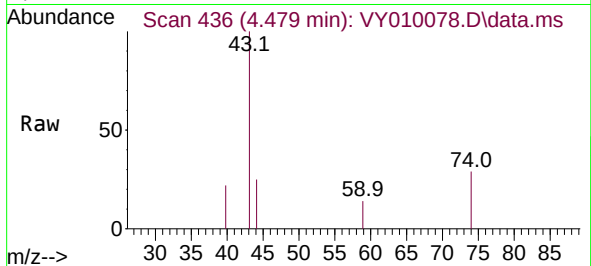




#18
Methyl Acetate
Concen: 2.712 ug/l
RT: 4.479 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY010078.D
Acq: 17 Aug 2022 18:59

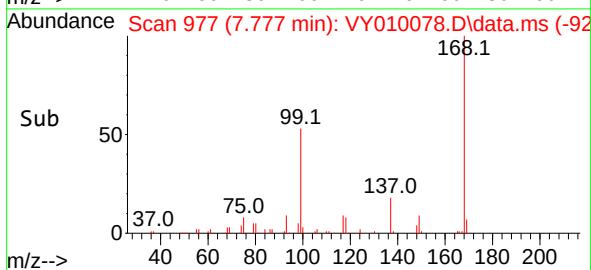
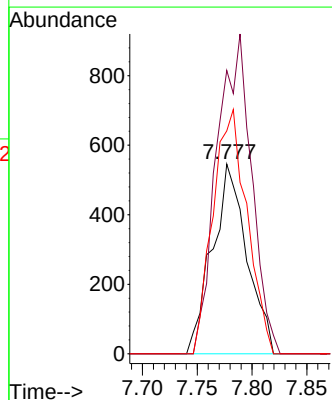
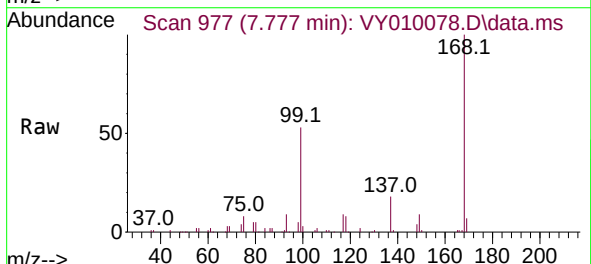
Instrument :
MSVOA_Y
ClientSampleId :
NJP6

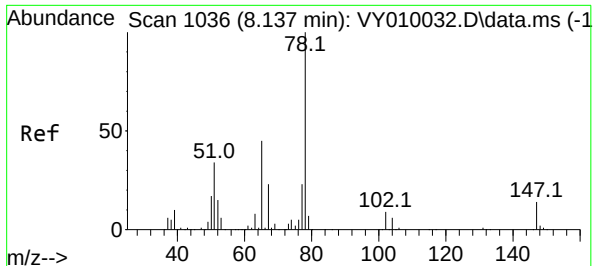
Tgt Ion: 43 Resp: 1075
Ion Ratio Lower Upper
43 100
74 20.9 20.7 31.1



#31
Cyclohexane
Concen: 1.252 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY010078.D
Acq: 17 Aug 2022 18:59

Tgt Ion: 56 Resp: 1202
Ion Ratio Lower Upper
56 100
69 149.3 28.6 43.0#
84 117.4 76.0 114.0#





#33

1,2-Dichloroethane-d4

Concen: 59.076 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY010078.D

Acq: 17 Aug 2022 18:59

Instrument :

MSVOA_Y

ClientSampleId :

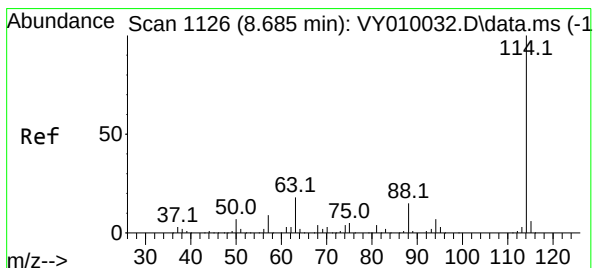
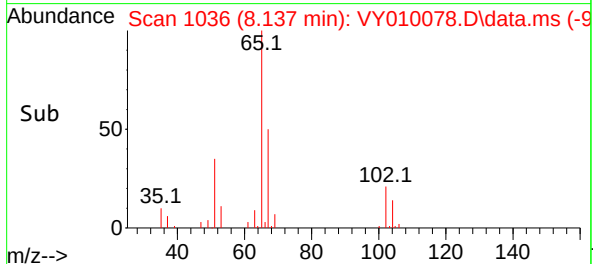
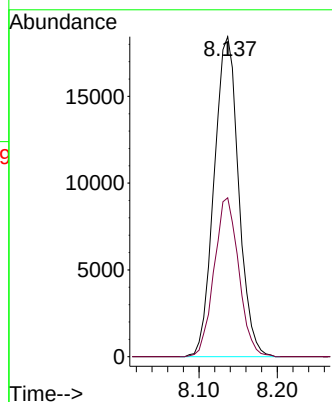
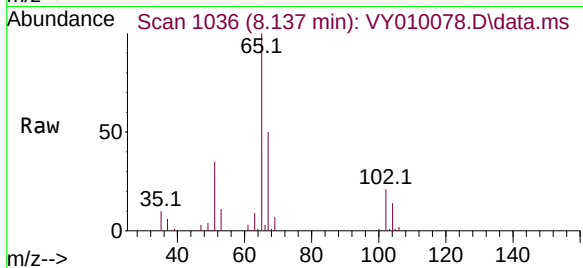
NJP6

Tgt Ion: 65 Resp: 40149

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010078.D

Acq: 17 Aug 2022 18:59

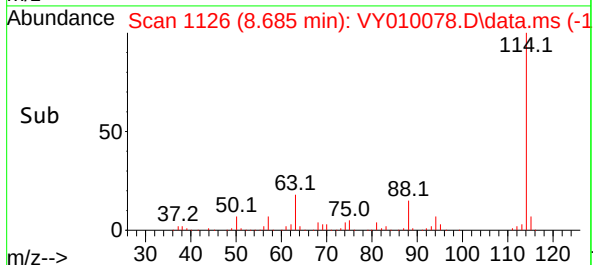
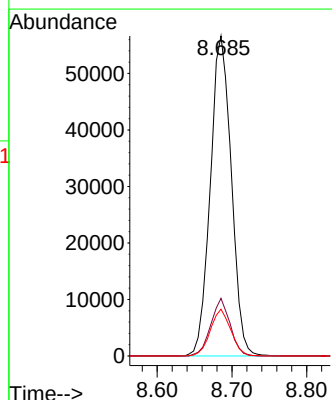
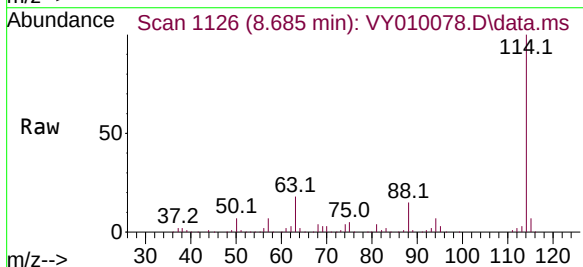
Tgt Ion: 114 Resp: 110708

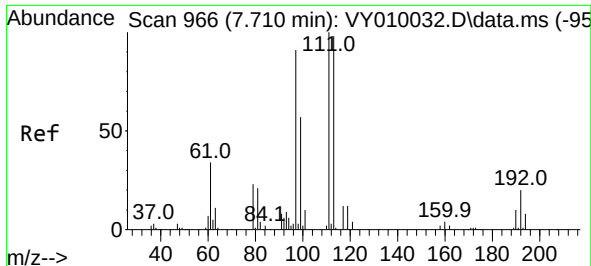
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

88 14.6 0.0 30.2

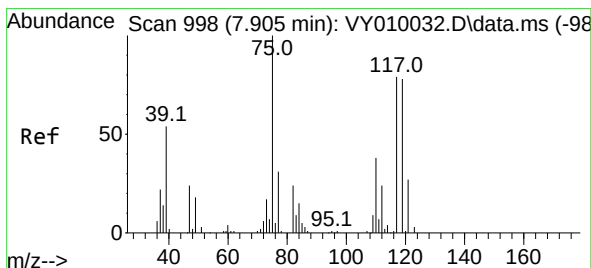
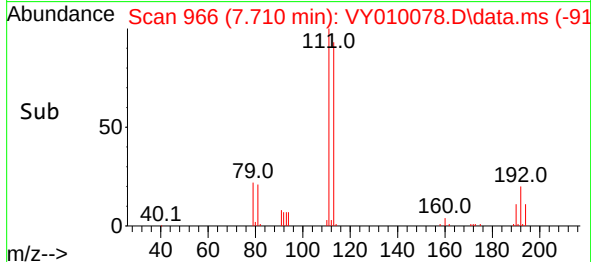
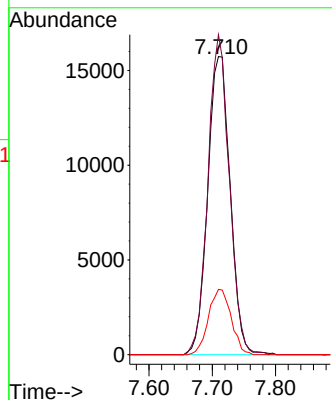
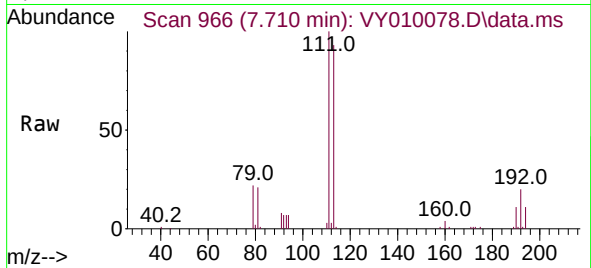




#35
Dibromofluoromethane
Concen: 54.238 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010078.D
Acq: 17 Aug 2022 18:59

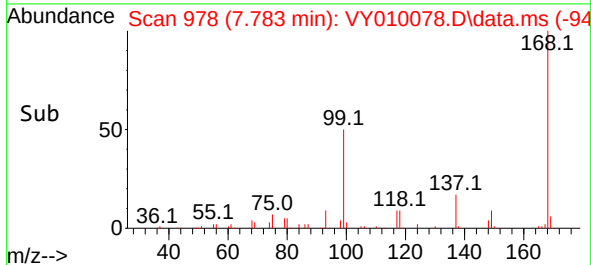
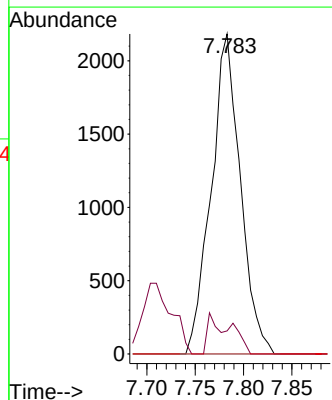
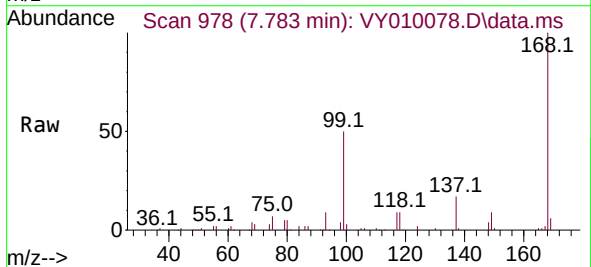
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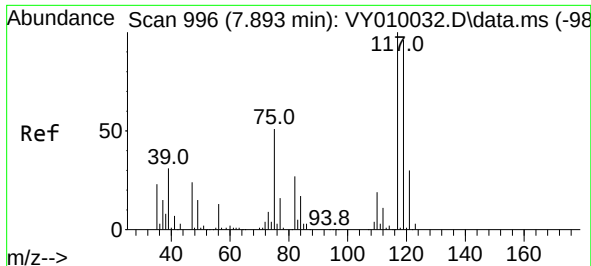
Tgt Ion:113 Resp: 38940
Ion Ratio Lower Upper
113 100
111 101.9 82.7 124.1
192 22.1 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.575 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY010078.D
Acq: 17 Aug 2022 18:59

Tgt Ion: 75 Resp: 4576
Ion Ratio Lower Upper
75 100
110 4.9 18.4 55.4#
77 0.0 24.6 36.8#

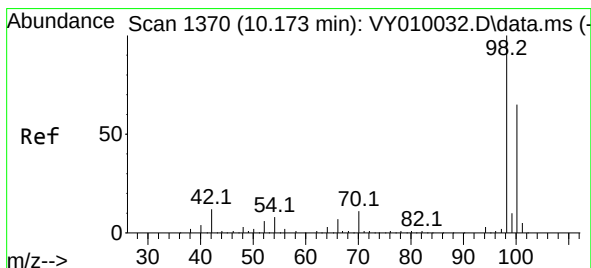
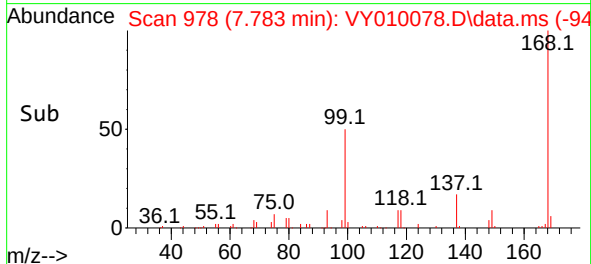
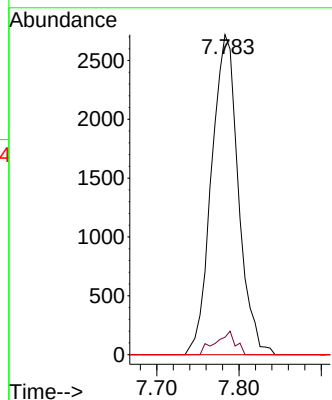
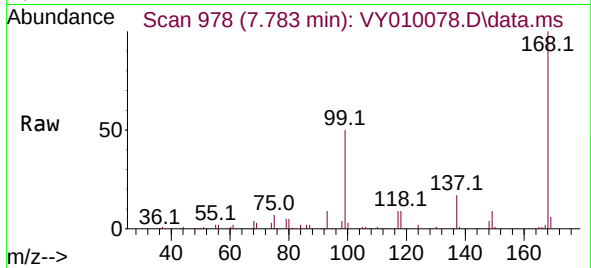




#38
Carbon Tetrachloride
Concen: 5.028 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010078.D
Acq: 17 Aug 2022 18:59

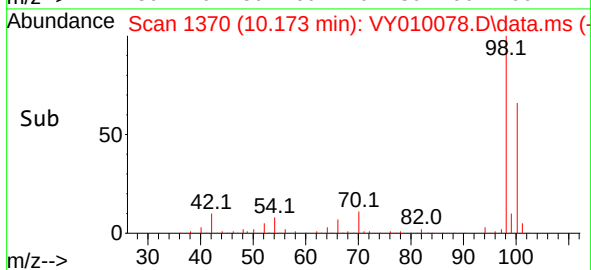
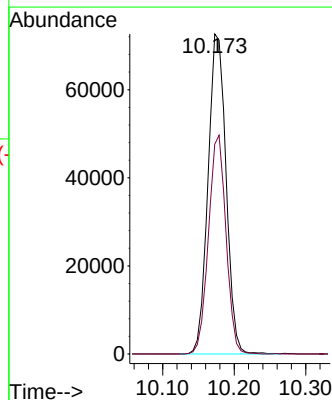
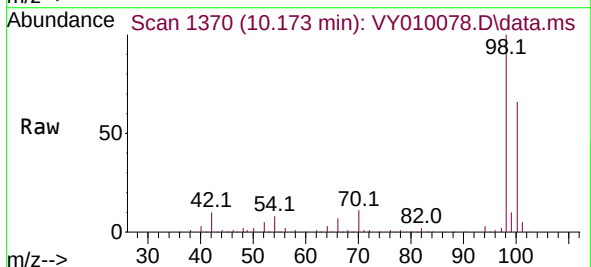
Instrument :
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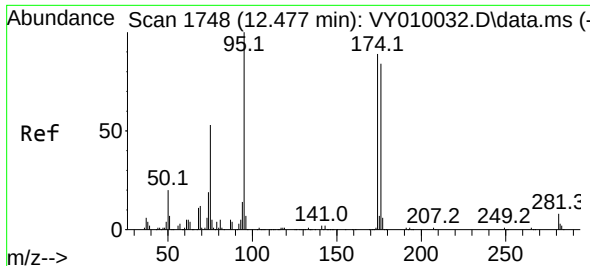
Tgt Ion:117 Resp: 6184
Ion Ratio Lower Upper
117 100
119 5.4 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.905 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010078.D
Acq: 17 Aug 2022 18:59

Tgt Ion: 98 Resp: 127246
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1

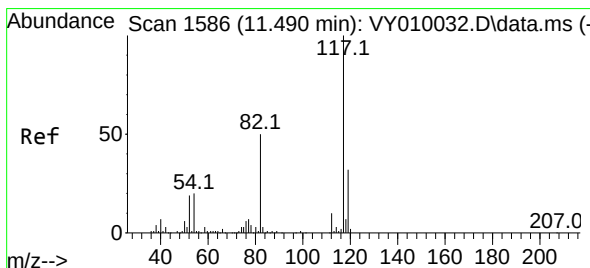
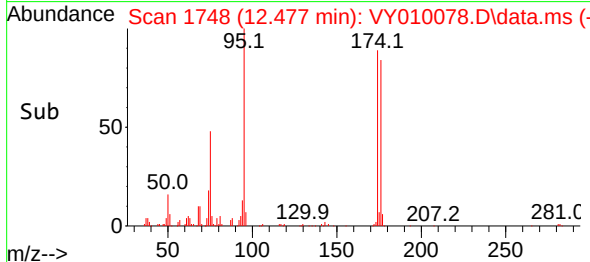
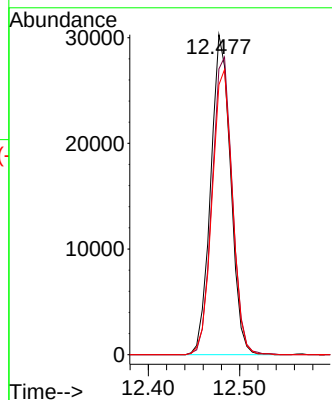
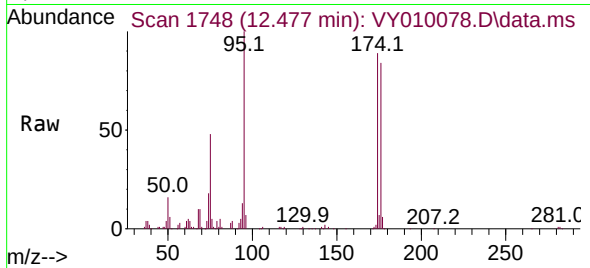




#62
4-Bromofluorobenzene
Concen: 49.199 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010078.D
Acq: 17 Aug 2022 18:59

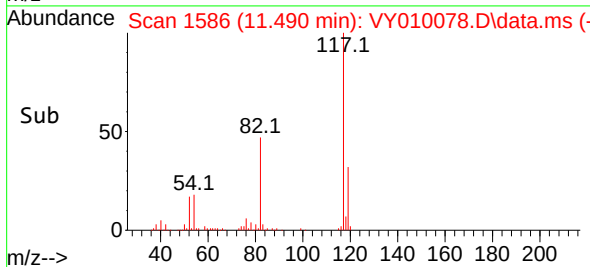
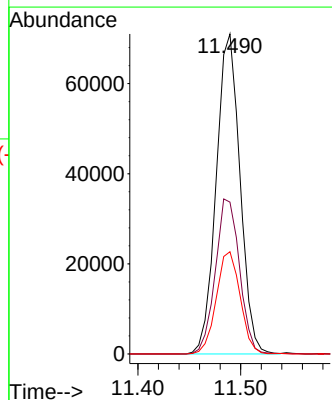
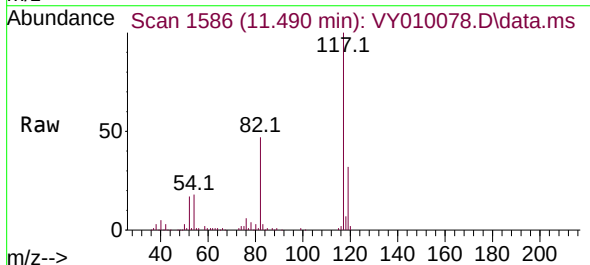
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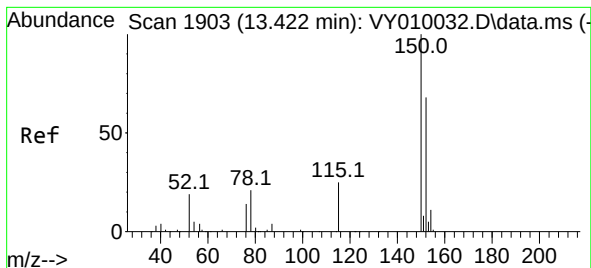
Tgt Ion: 95 Resp: 45900
Ion Ratio Lower Upper
95 100
174 94.7 0.0 184.2
176 90.9 0.0 178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010078.D
Acq: 17 Aug 2022 18:59

Tgt Ion: 117 Resp: 114012
Ion Ratio Lower Upper
117 100
82 47.5 39.8 59.6
119 32.0 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: VY010078.D

Acq: 17 Aug 2022 18:59

Instrument :

MSVOA_Y

ClientSampleId :

NJP6

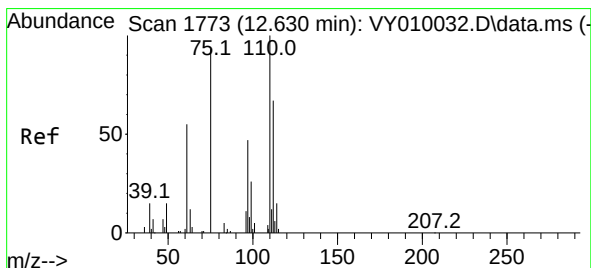
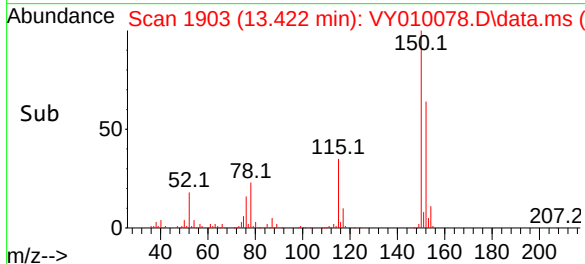
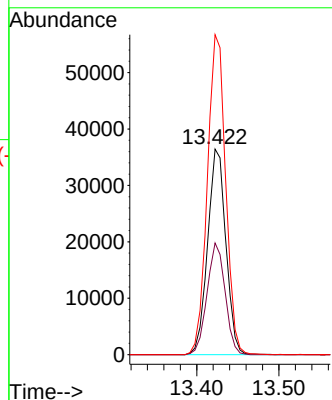
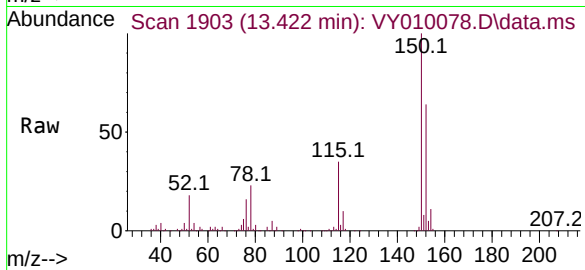
Tgt Ion:152 Resp: 56124

Ion Ratio Lower Upper

152 100

115 53.7 28.1 84.3

150 156.0 0.0 346.6



#76

1,2,3-Trichloropropane

Concen: 43.303 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY010078.D

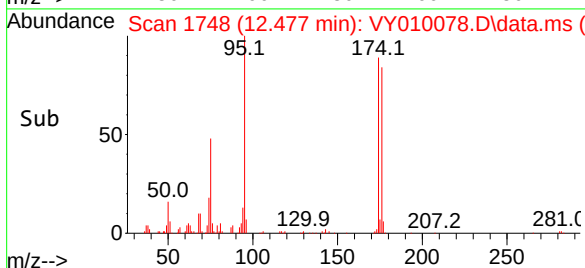
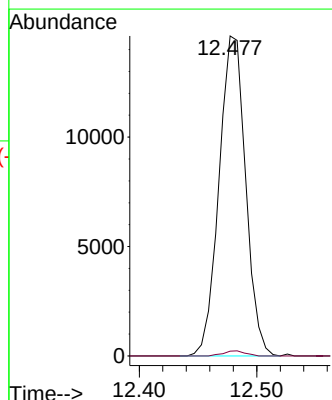
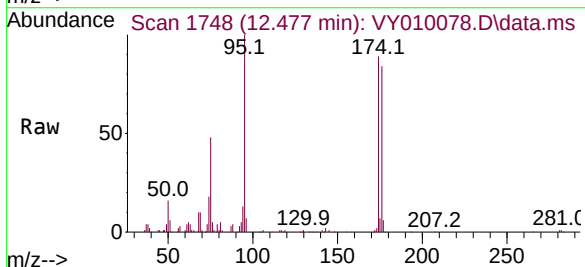
Acq: 17 Aug 2022 18:59

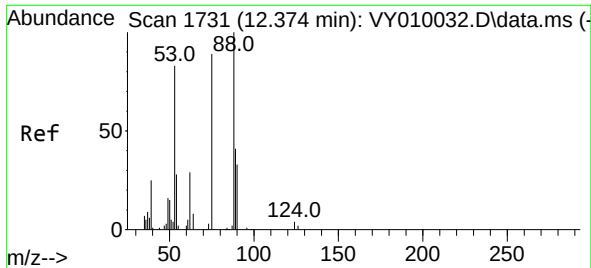
Tgt Ion: 75 Resp: 23037

Ion Ratio Lower Upper

75 100

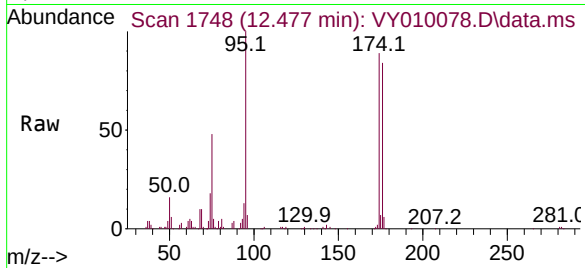
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.860 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010078.D
 Acq: 17 Aug 2022 18:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 NJP6



Tgt Ion: 75 Resp: 23037
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 37.8 56.6#

