

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010068.D
 Acq On : 17 Aug 2022 15:05
 Operator : KP/MD
 Sample : N4216-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-081522

Quant Time: Aug 18 08:19:45 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)

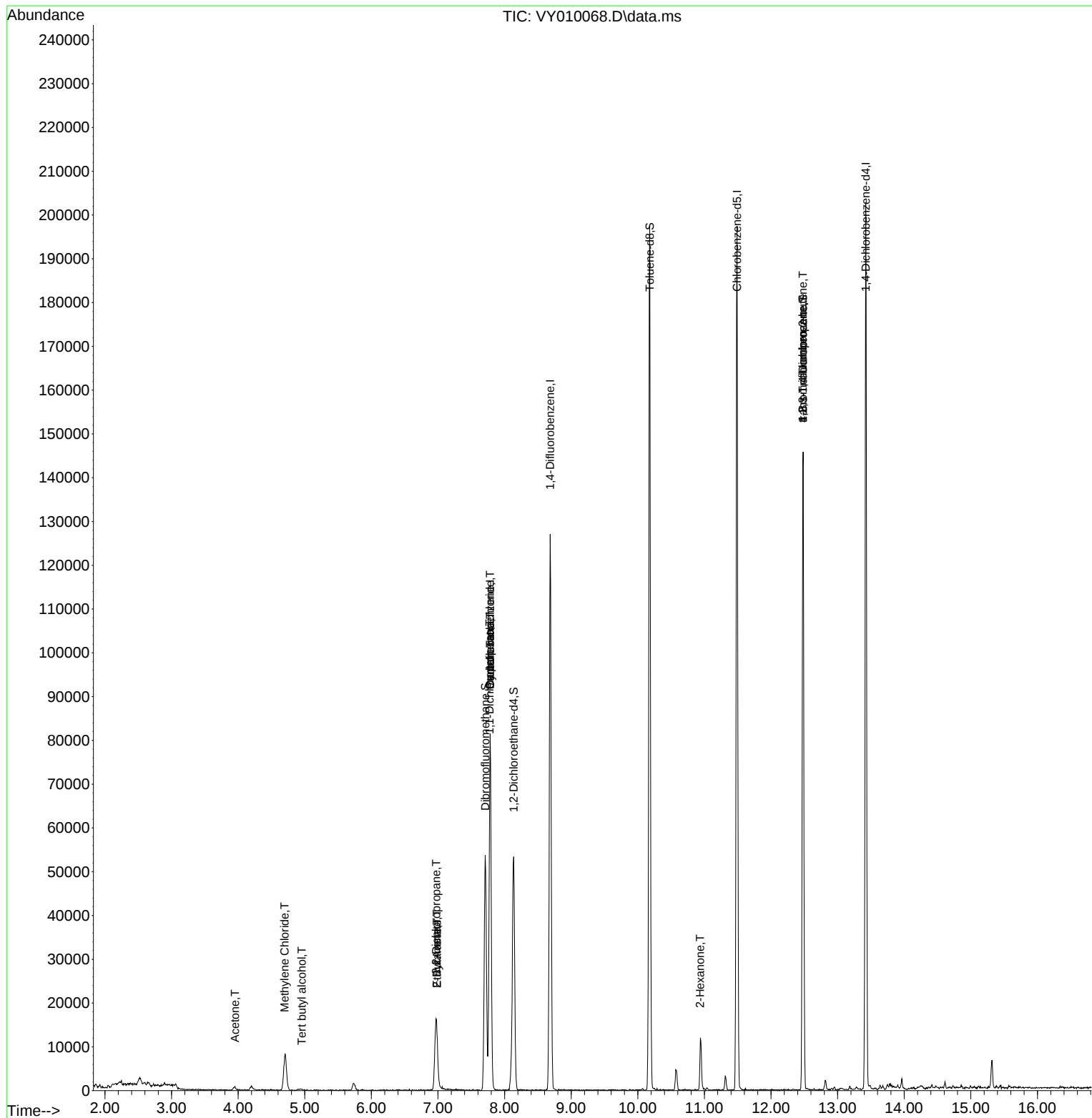
Internal Standards						
1) Pentafluorobenzene	7.783	168	64124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	110504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	110085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39865	62.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.360%	
35) Dibromofluoromethane	7.710	113	36325	50.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.380%	
50) Toluene-d8	10.179	98	128263	48.377	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.760%	
62) 4-Bromofluorobenzene	12.477	95	43982	47.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	270	4.330	ug/l #	74
16) Acetone	3.954	43	1253	9.124	ug/l #	79
20) Methylene Chloride	4.698	84	6446	7.266	ug/l #	87
25) 2-Butanone	6.984	43	915	4.870	ug/l #	48
26) 2,2-Dichloropropane	6.972	77	1434	1.414	ug/l #	53
31) Cyclohexane	7.783	56	1270	1.402	ug/l #	46
36) 1,1-Dichloropropene	7.777	75	4402	4.410	ug/l #	49
37) Ethyl Acetate	6.984	43	915	1.820	ug/l #	1
38) Carbon Tetrachloride	7.783	117	6283	5.118	ug/l #	17
59) 2-Hexanone	10.935	43	64	24.299	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	22422	45.172	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22422	102.084	ug/l #	12

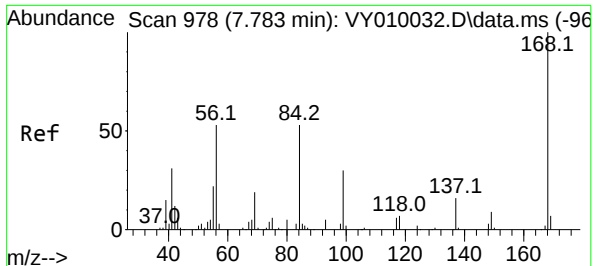
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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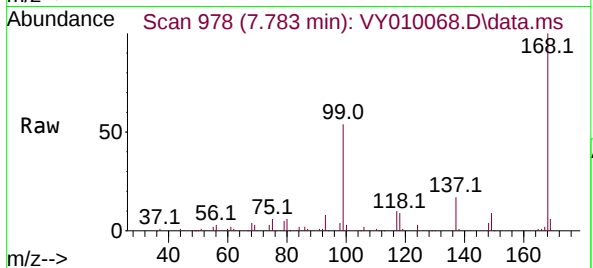
Quant Time: Aug 18 08:19:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 17 05:12:02 2022
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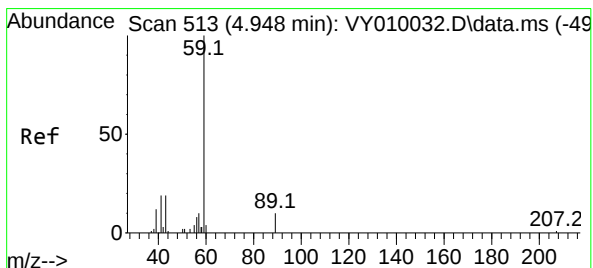
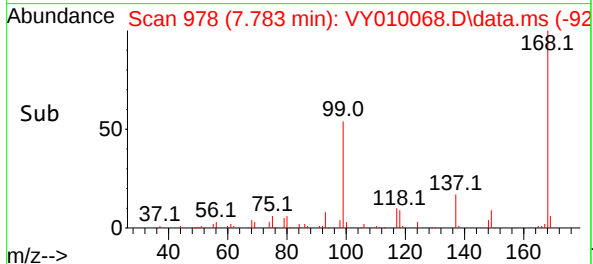
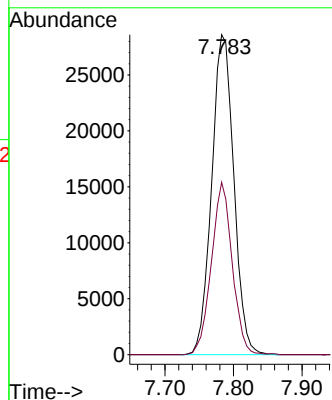


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-081522

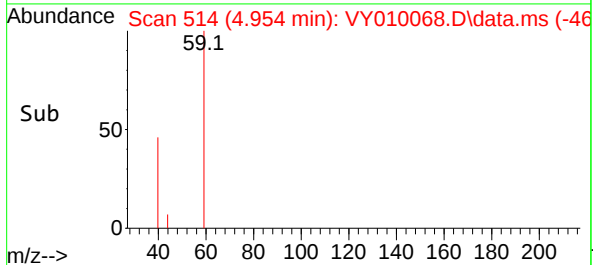
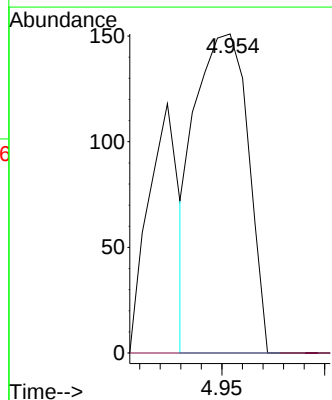
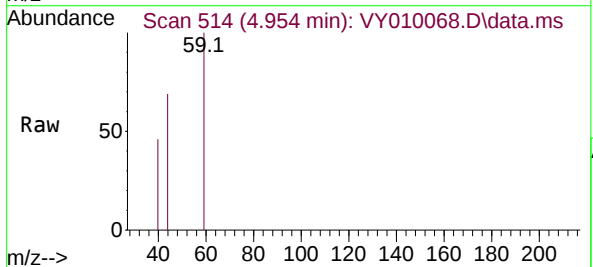


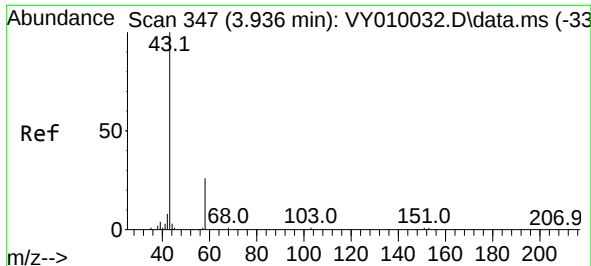
Tgt Ion:168 Resp: 64124
Ion Ratio Lower Upper
168 100
99 53.9 37.7 56.5



#11
Tert butyl alcohol
Concen: 4.330 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

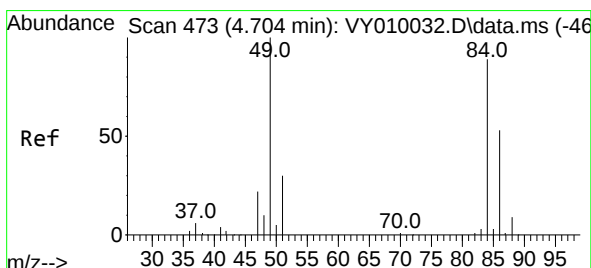
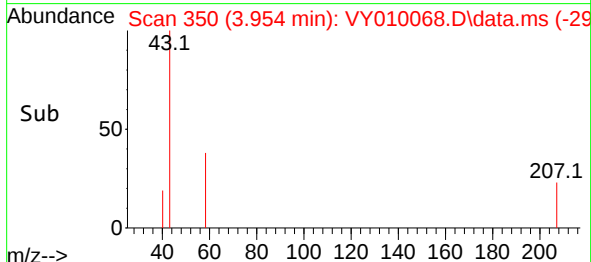
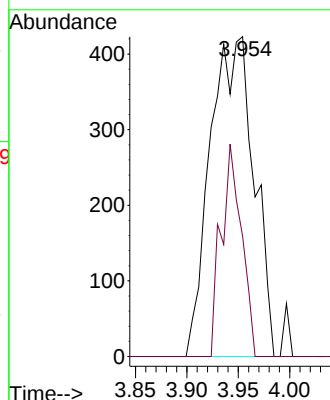
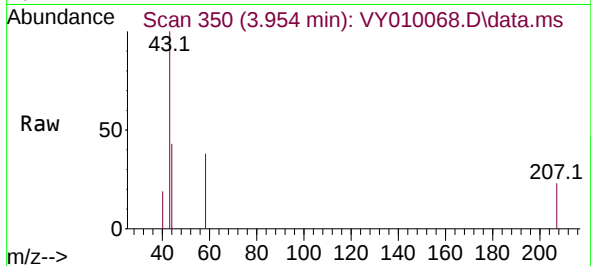




#16
Acetone
Concen: 9.124 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

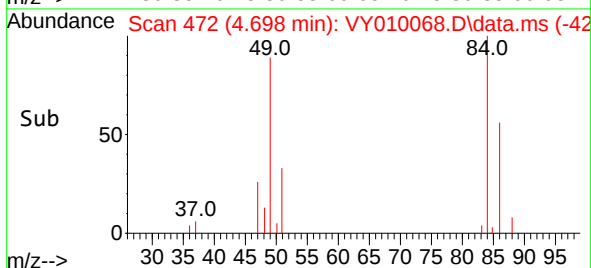
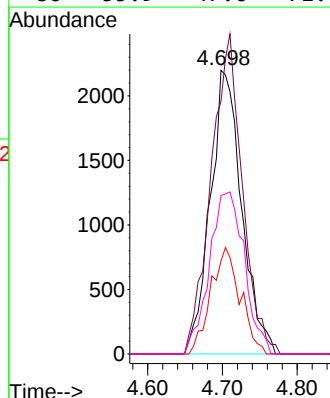
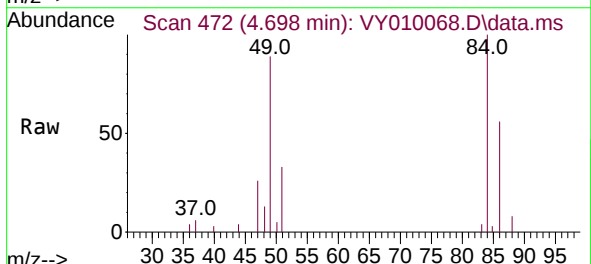
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-081522

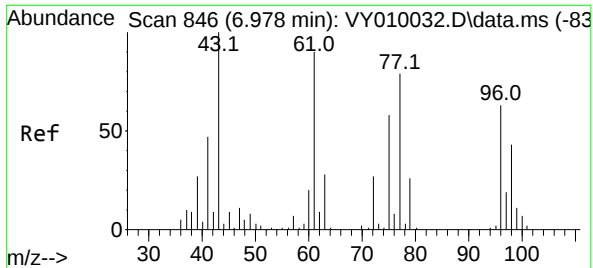
Tgt Ion: 43 Resp: 1253
Ion Ratio Lower Upper
43 100
58 37.6 21.4 32.0#



#20
Methylene Chloride
Concen: 7.266 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

Tgt Ion: 84 Resp: 6446
Ion Ratio Lower Upper
84 100
49 89.1 89.5 134.3#
51 32.7 26.8 40.2
86 55.9 47.6 71.4





#25

2-Butanone

Concen: 4.870 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY010068.D

Acq: 17 Aug 2022 15:05

Instrument :

MSVOA_Y

ClientSampleId :

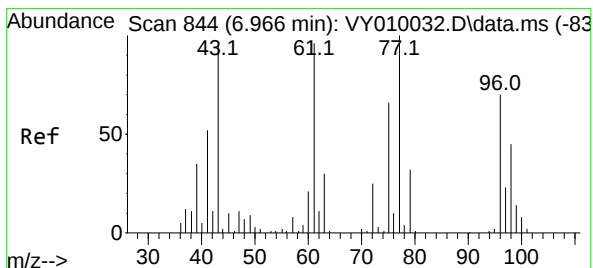
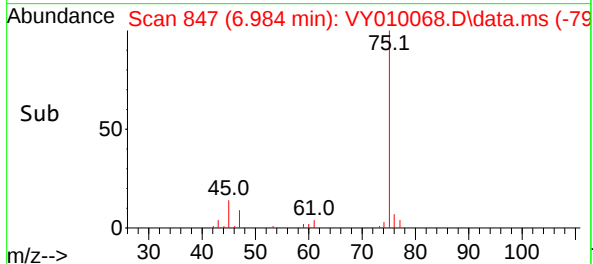
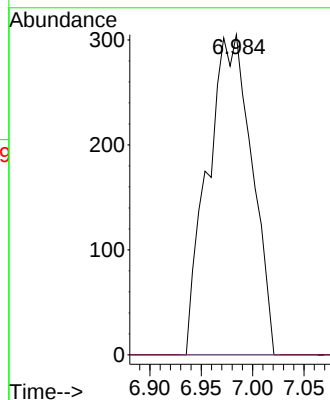
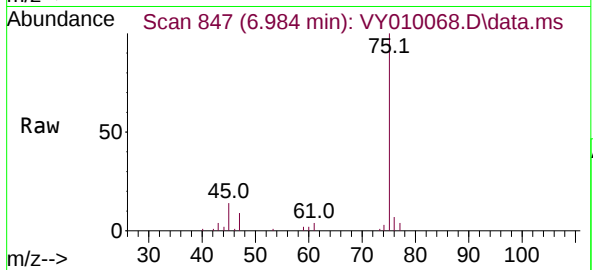
NB-08-081522

Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 1.414 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010068.D

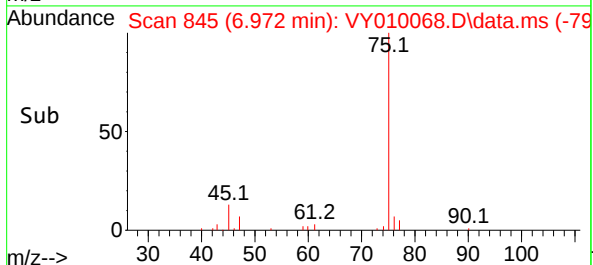
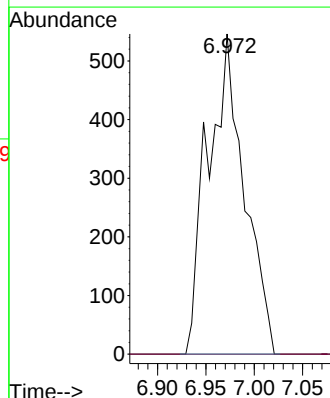
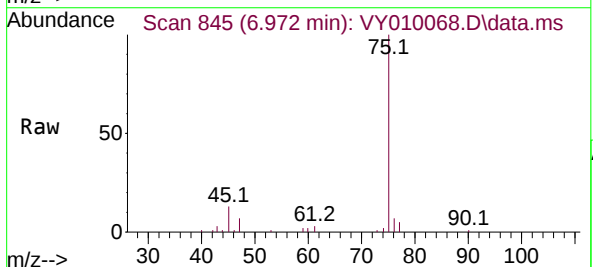
Acq: 17 Aug 2022 15:05

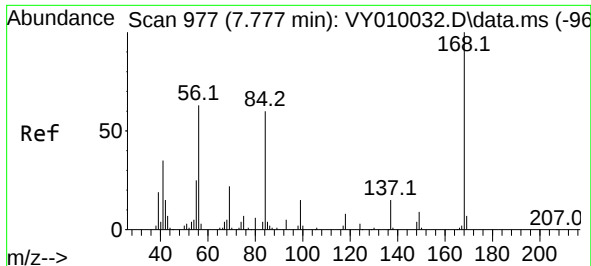
Tgt Ion: 77 Resp: 1434

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#

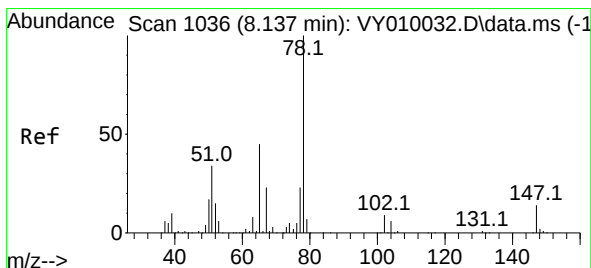
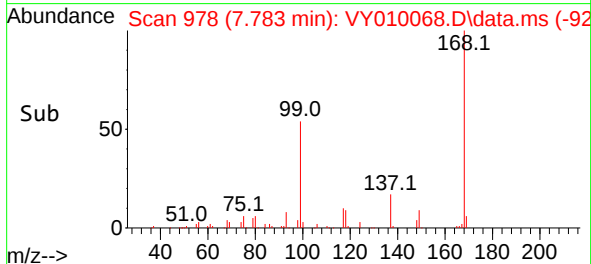
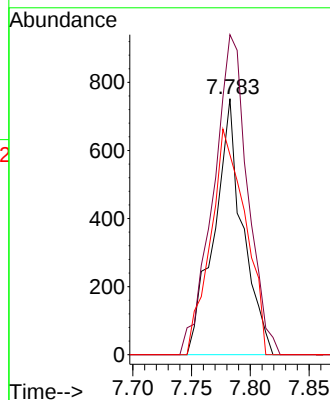
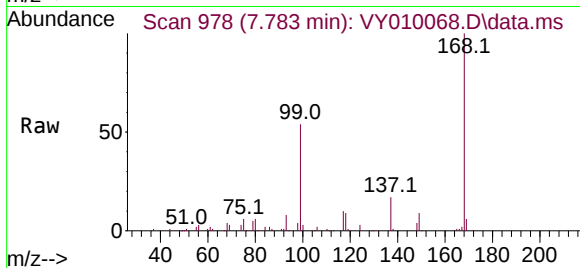




#31
Cyclohexane
Concen: 1.402 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

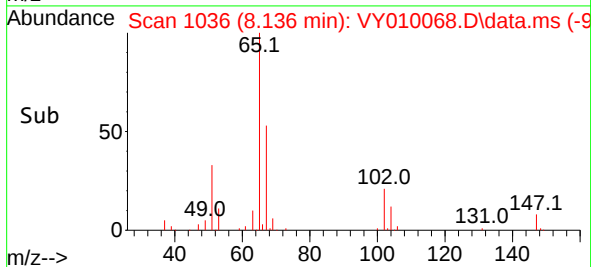
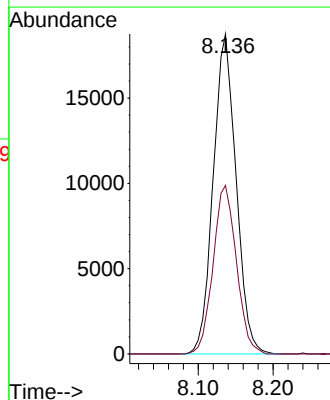
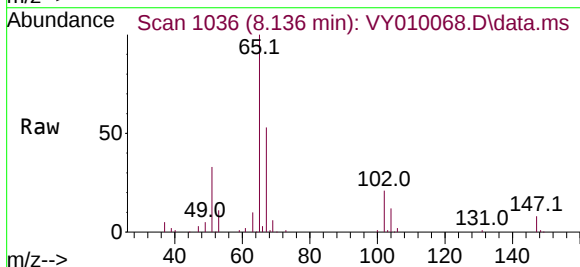
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-081522

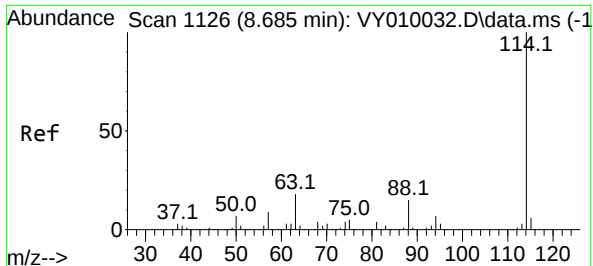
Tgt Ion: 56 Resp: 1270
Ion Ratio Lower Upper
56 100
69 125.0 28.6 43.0#
84 78.1 76.0 114.0



#33
1,2-Dichloroethane-d4
Concen: 62.177 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

Tgt Ion: 65 Resp: 39865
Ion Ratio Lower Upper
65 100
67 53.8 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: VY010068.D

Acq: 17 Aug 2022 15:05

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-081522

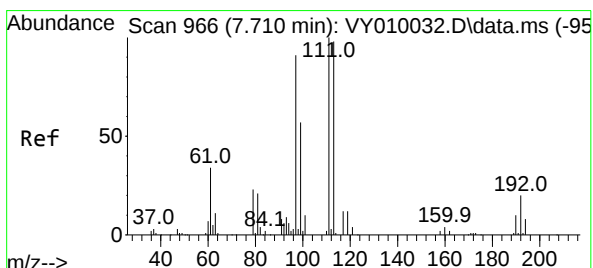
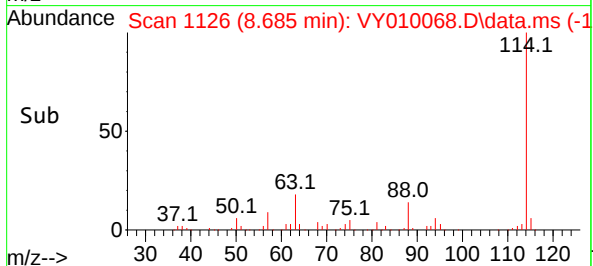
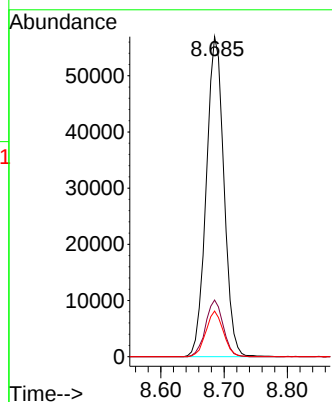
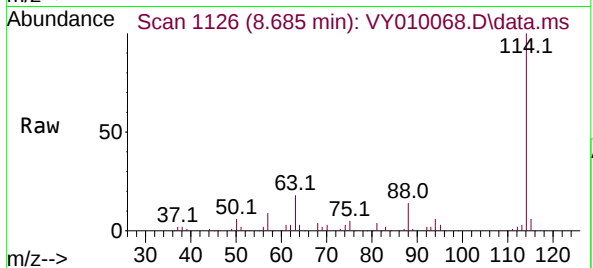
Tgt Ion:114 Resp: 110504

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.2

88 14.3 0.0 30.2



#35

Dibromofluoromethane

Concen: 50.689 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010068.D

Acq: 17 Aug 2022 15:05

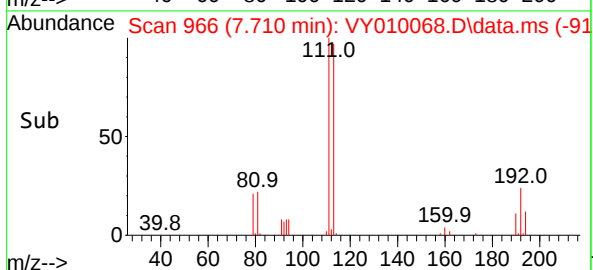
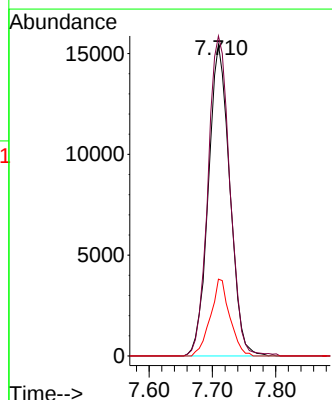
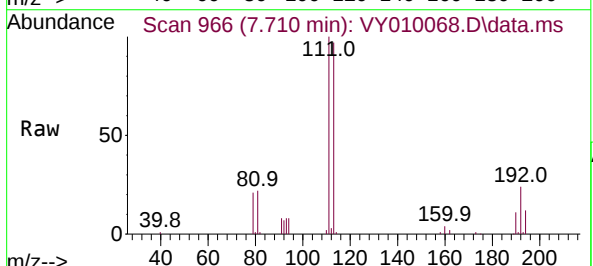
Tgt Ion:113 Resp: 36325

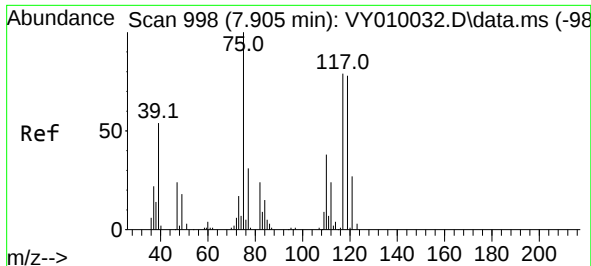
Ion Ratio Lower Upper

113 100

111 105.1 82.7 124.1

192 22.3 17.2 25.8

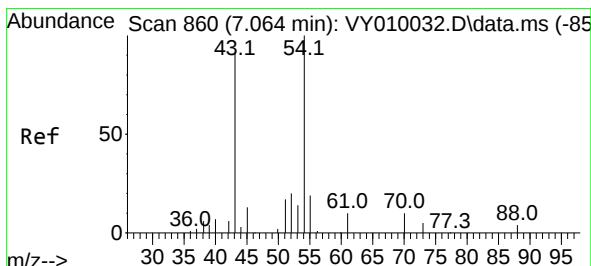
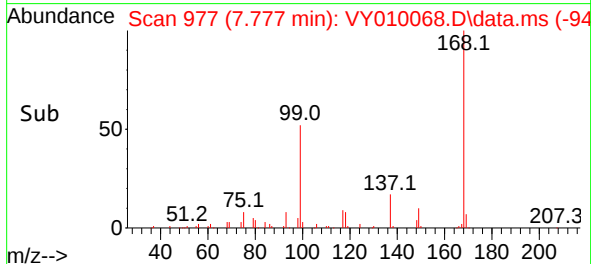
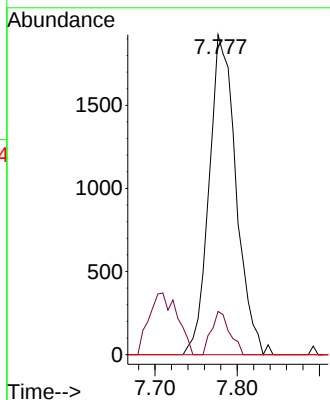
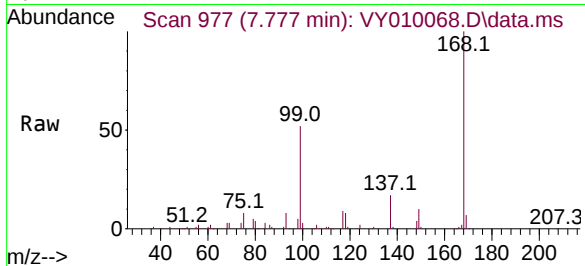




#36
1,1-Dichloropropene
Concen: 4.410 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

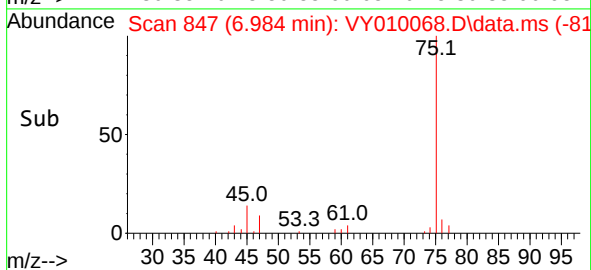
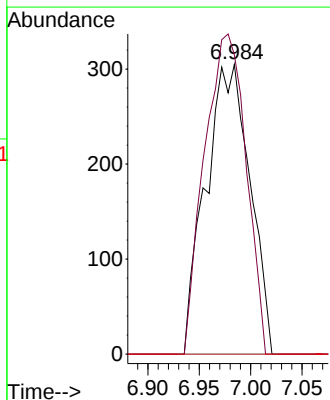
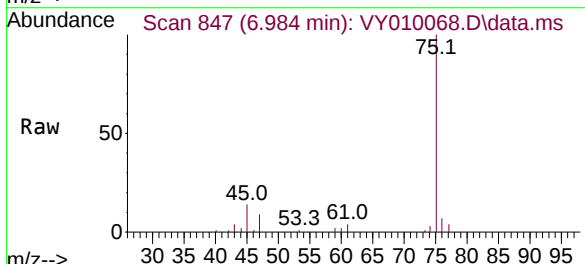
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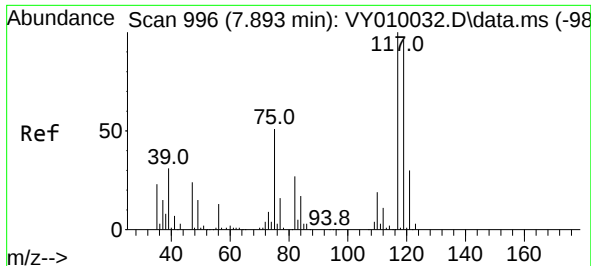
Tgt Ion: 75 Resp: 4402
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.4#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 1.820 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.080 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
61 103.8 9.6 14.4#
70 0.0 7.9 11.9#

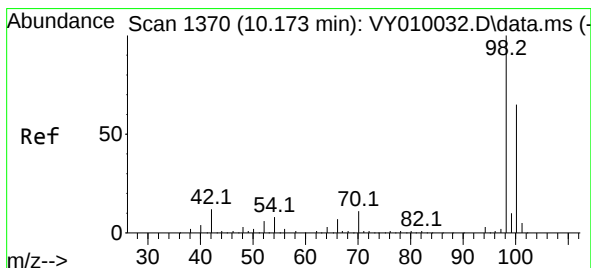
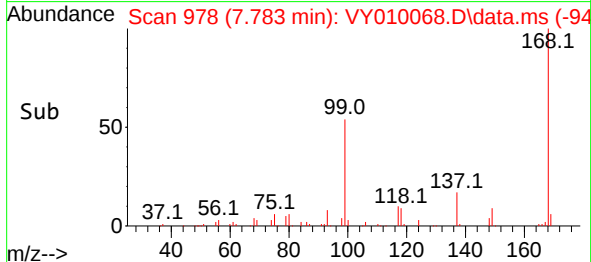
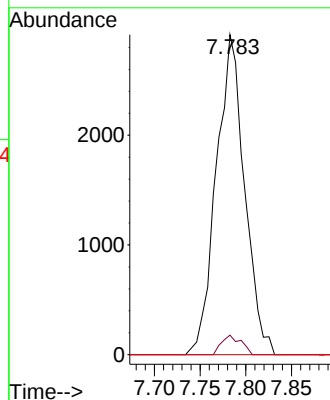
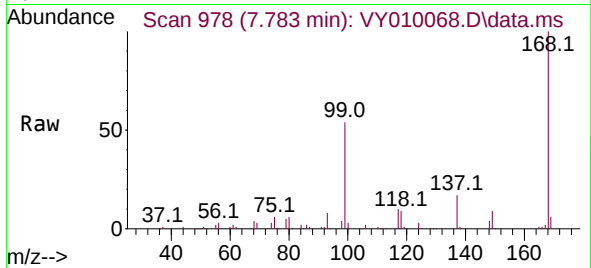




#38
Carbon Tetrachloride
Concen: 5.118 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

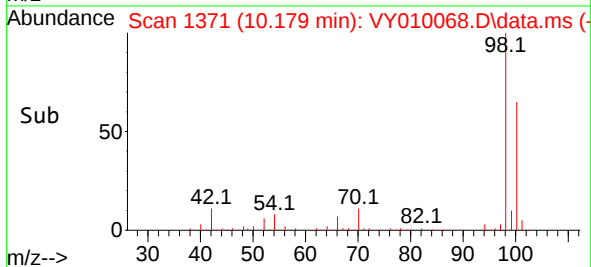
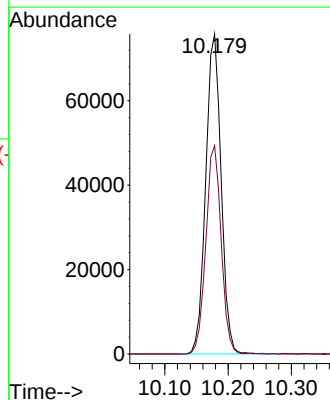
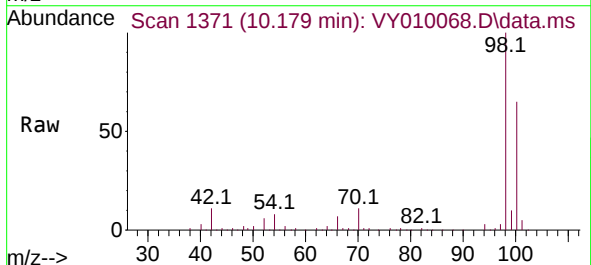
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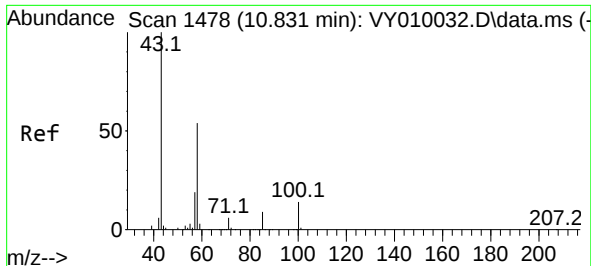
Tgt Ion:117 Resp: 6283
Ion Ratio Lower Upper
117 100
119 6.1 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.377 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

Tgt Ion: 98 Resp: 128263
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1

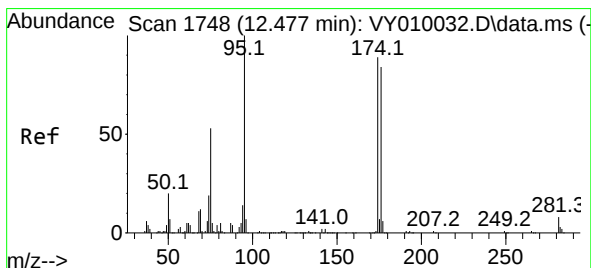
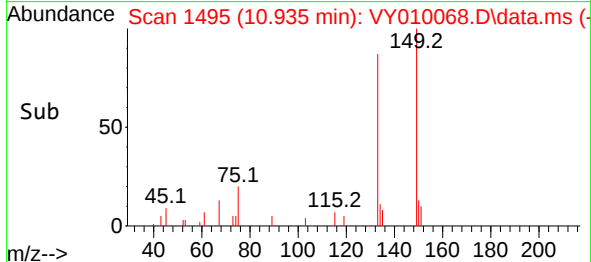
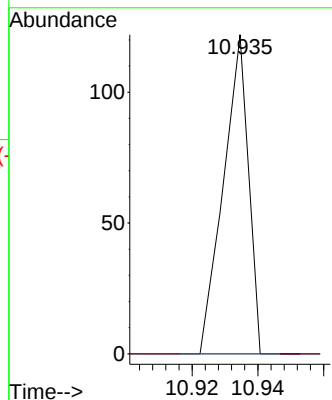
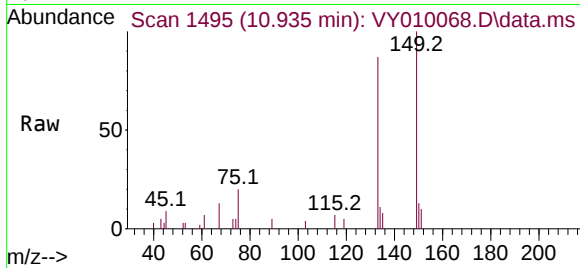




#59
2-Hexanone
Concen: 24.299 ug/l
RT: 10.935 min Scan# 1478
Delta R.T. 0.104 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

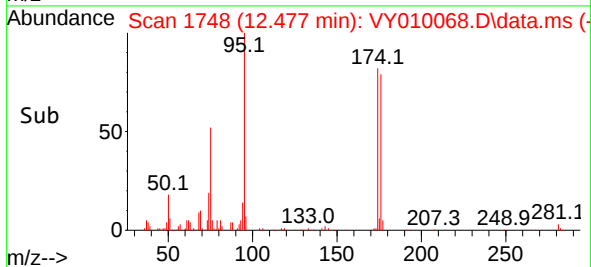
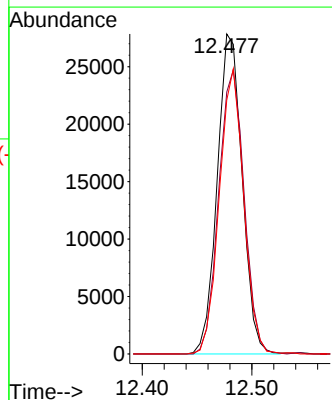
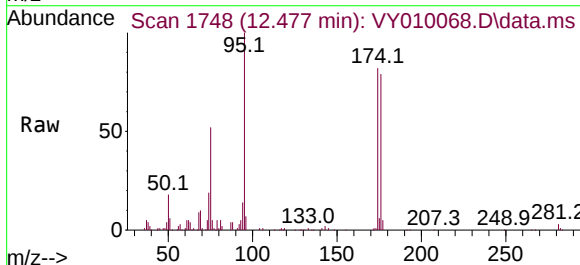
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-081522

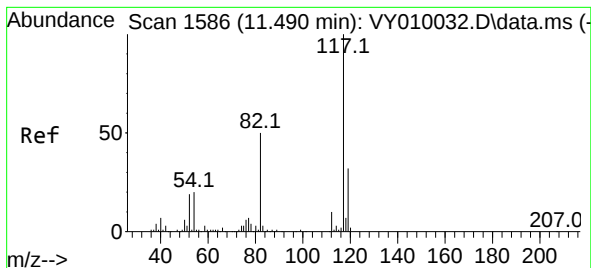
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 47.230 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

Tgt Ion: 95 Resp: 43982
Ion Ratio Lower Upper
95 100
174 90.5 0.0 184.2
176 87.1 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010068.D

Acq: 17 Aug 2022 15:05

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-081522

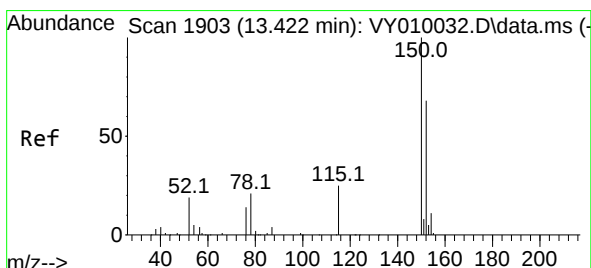
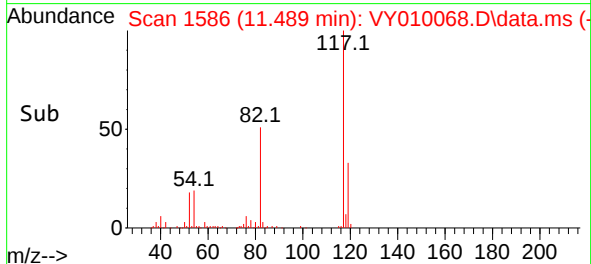
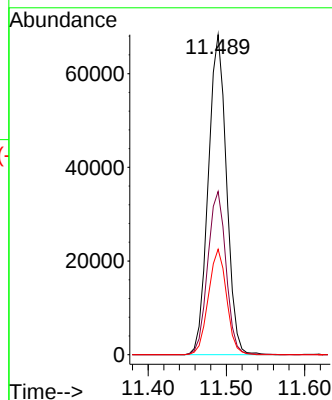
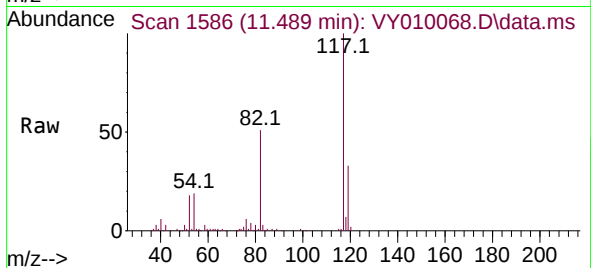
Tgt Ion:117 Resp: 110085

Ion Ratio Lower Upper

117 100

82 51.0 39.8 59.6

119 32.9 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: VY010068.D

Acq: 17 Aug 2022 15:05

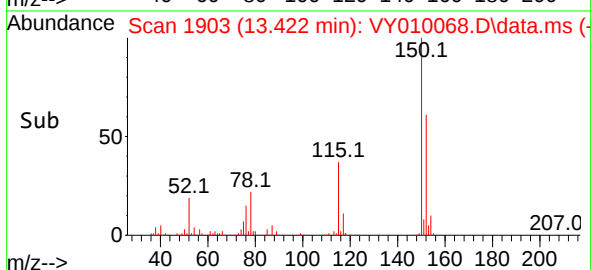
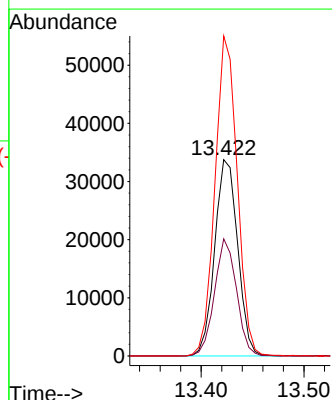
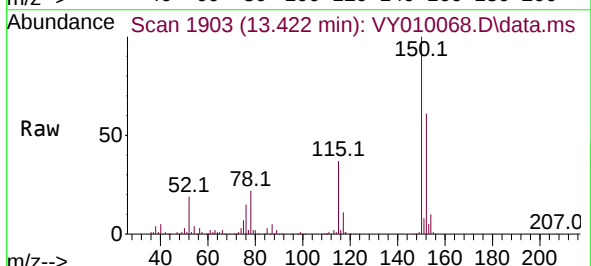
Tgt Ion:152 Resp: 52365

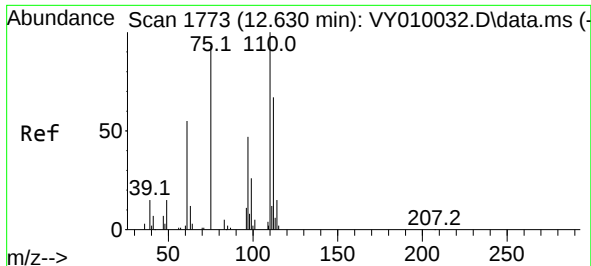
Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.3

150 157.5 0.0 346.6

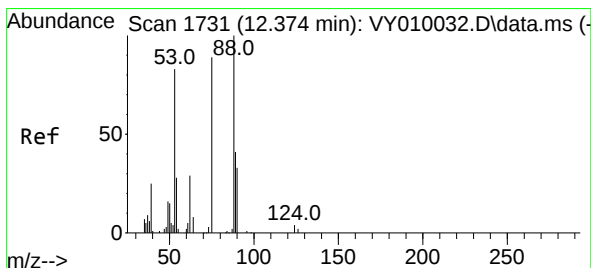
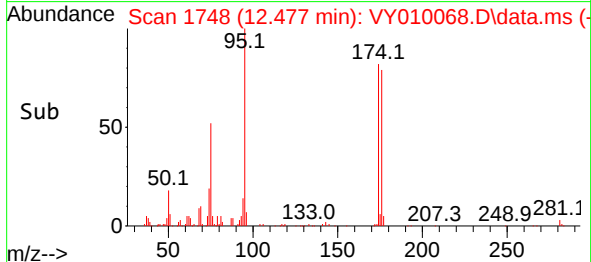
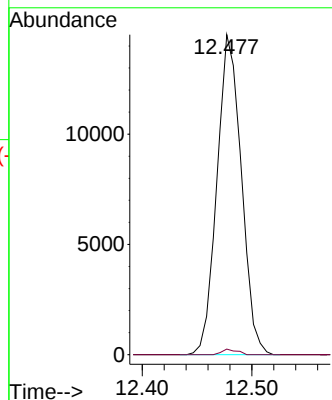
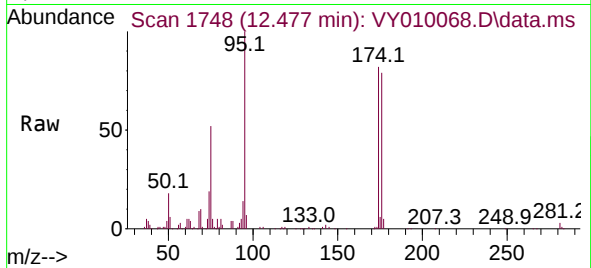




#76
1,2,3-Trichloropropane
Concen: 45.172 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-081522

Tgt Ion: 75 Resp: 22422
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.084 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

Tgt Ion: 75 Resp: 22422
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 37.8 56.6#

