

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010061.D
 Acq On : 17 Aug 2022 12:20
 Operator : KP/MD
 Sample : N4218-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-081522

Quant Time: Aug 17 14:57:24 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)

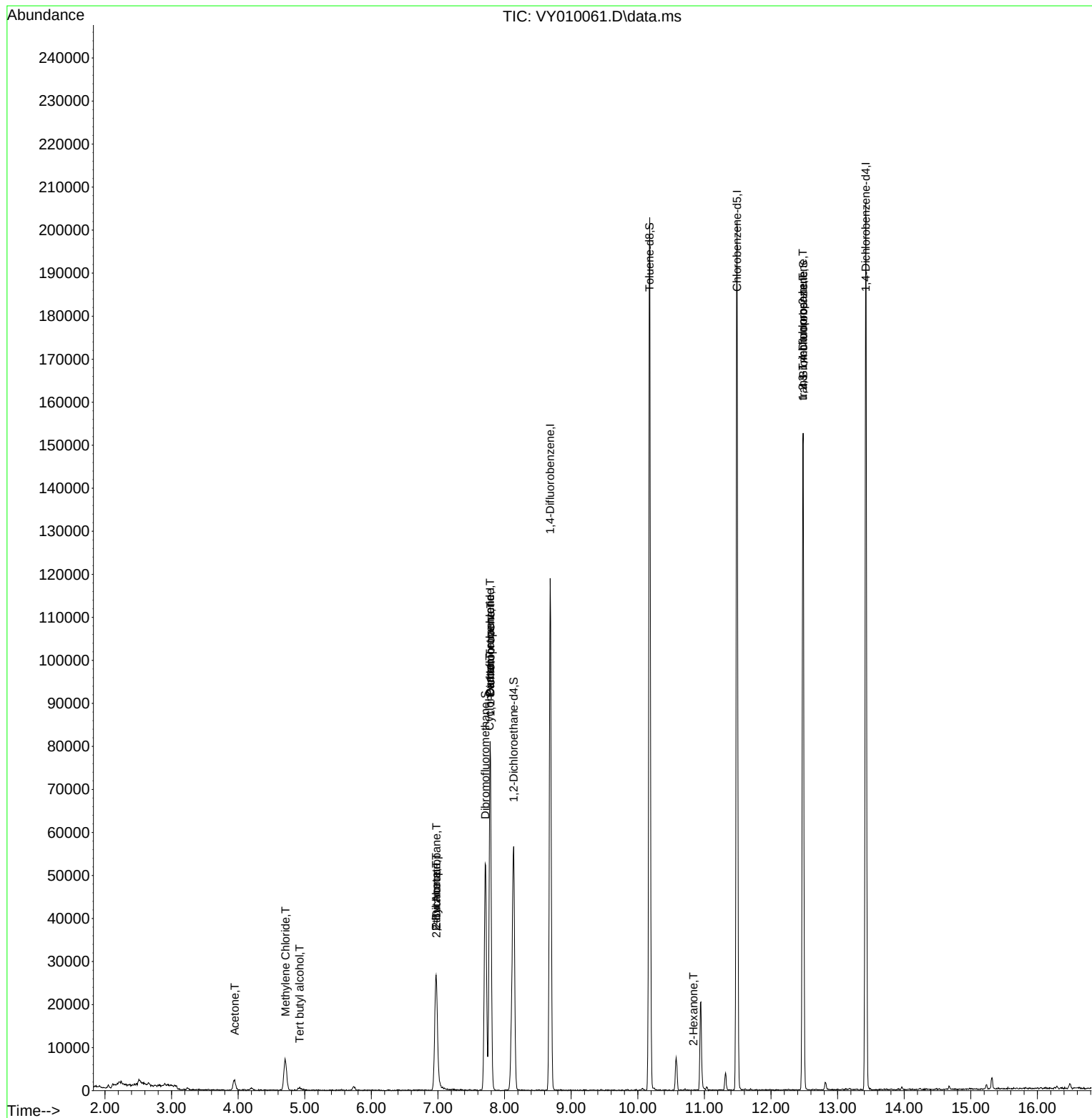
Internal Standards						
1) Pentafluorobenzene	7.783	168	65584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	105041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	114437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	39787	60.674	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.340%			
35) Dibromofluoromethane	7.710	113	36053	52.926	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.860%			
50) Toluene-d8	10.179	98	133375	52.922	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.840%			
62) 4-Bromofluorobenzene	12.483	95	46515	52.548	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.100%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.924	59	606	9.503	ug/l #	74
16) Acetone	3.948	43	4364	31.070	ug/l #	88
20) Methylene Chloride	4.710	84	5462	5.400	ug/l	95
25) 2-Butanone	6.972	43	1846	9.607	ug/l	91
26) 2,2-Dichloropropane	6.978	77	2076	2.001	ug/l #	53
31) Cyclohexane	7.777	56	1117	1.206	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	4248	4.477	ug/l #	49
37) Ethyl Acetate	6.972	43	1846	3.863	ug/l #	46
38) Carbon Tetrachloride	7.783	117	6053	5.187	ug/l #	15
59) 2-Hexanone	10.837	43	51	24.276	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	23620	45.086	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	23620	101.890	ug/l #	12

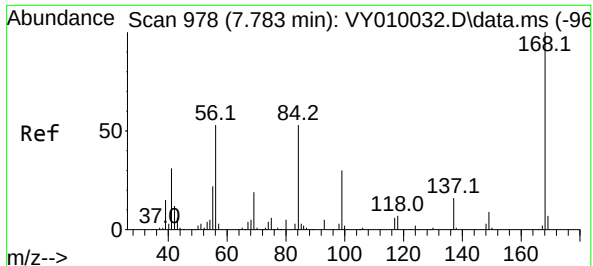
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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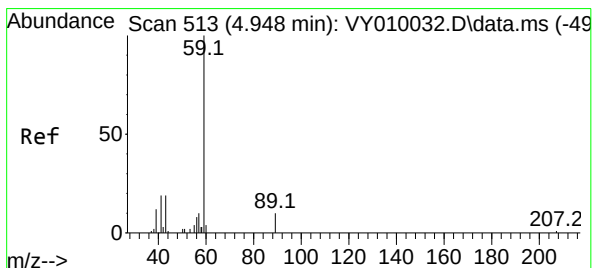
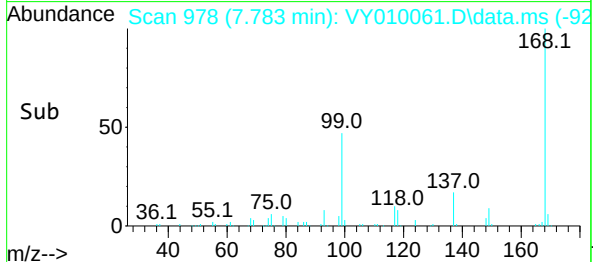
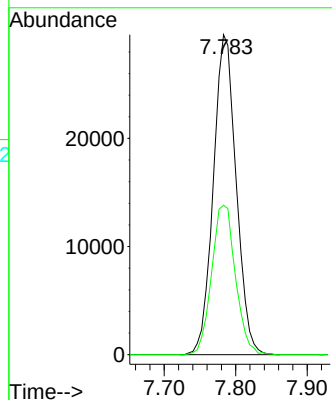
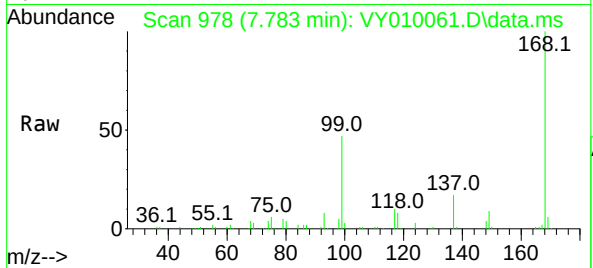




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

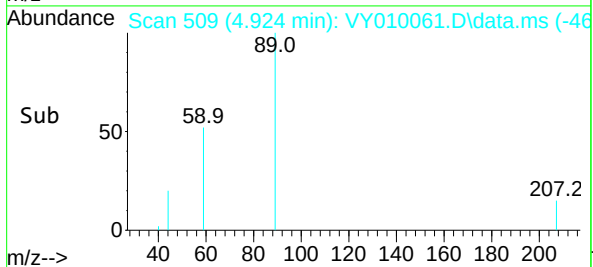
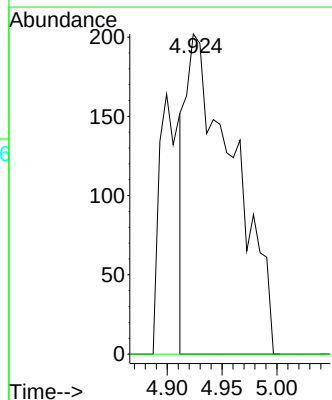
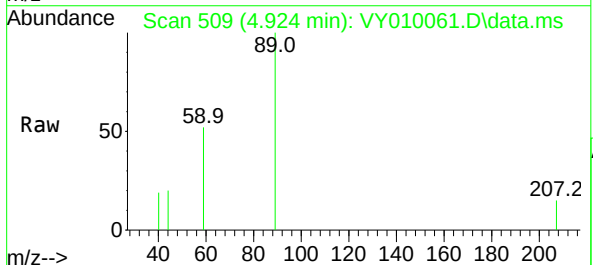
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-081522

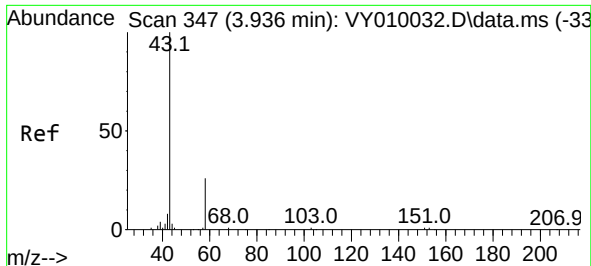
Tgt Ion:168 Resp: 65584
Ion Ratio Lower Upper
168 100
99 46.7 37.7 56.5



#11
Tert butyl alcohol
Concen: 9.503 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

Tgt Ion: 59 Resp: 606
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#16

Acetone

Concen: 31.070 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.012 min

Lab File: VY010061.D

Acq: 17 Aug 2022 12:20

Instrument :

MSVOA_Y

ClientSampleId :

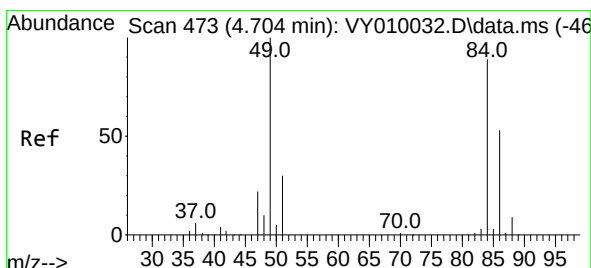
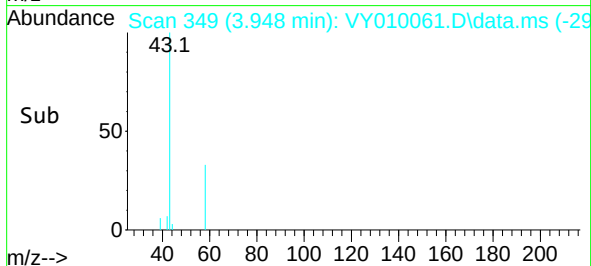
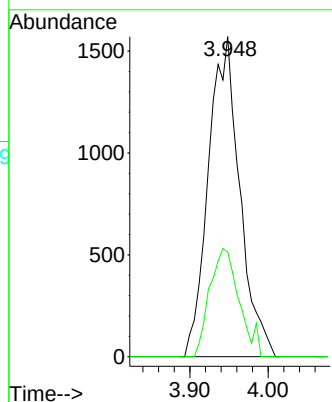
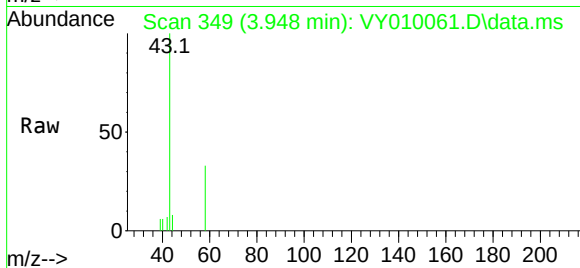
OR-02-081522

Tgt Ion: 43 Resp: 4364

Ion Ratio Lower Upper

43 100

58 32.7 21.4 32.0#



#20

Methylene Chloride

Concen: 5.400 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY010061.D

Acq: 17 Aug 2022 12:20

Tgt Ion: 84 Resp: 5462

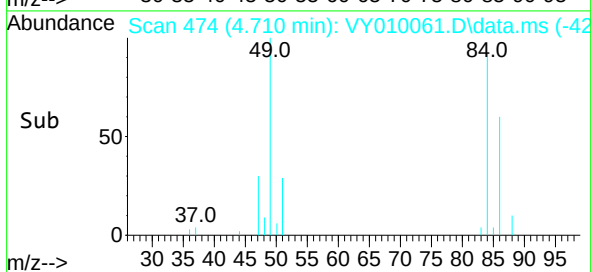
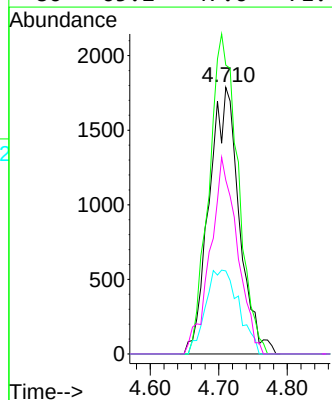
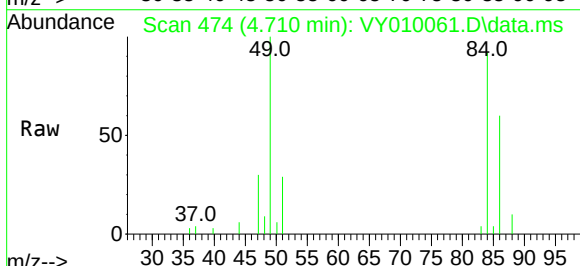
Ion Ratio Lower Upper

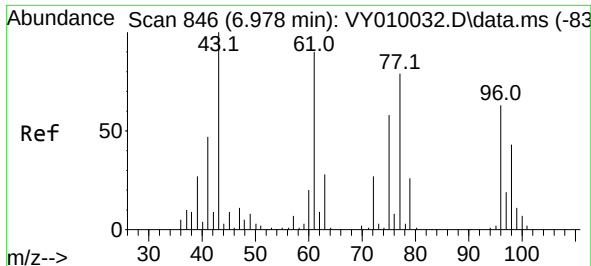
84 100

49 108.3 89.5 134.3

51 31.2 26.8 40.2

86 65.2 47.6 71.4





#25

2-Butanone

Concen: 9.607 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010061.D

Acq: 17 Aug 2022 12:20

Instrument :

MSVOA_Y

ClientSampleId :

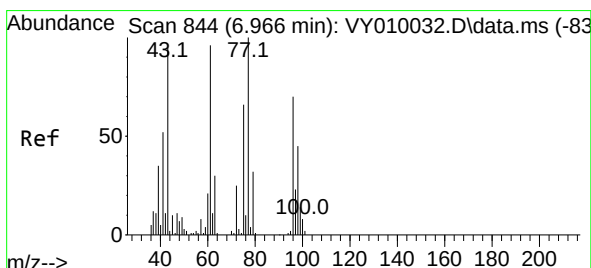
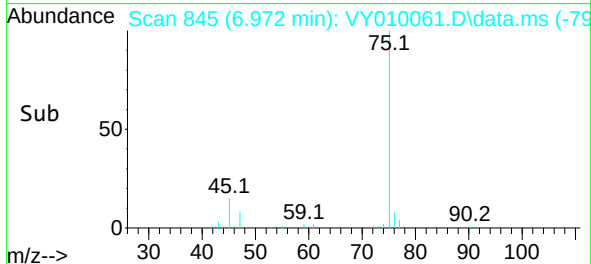
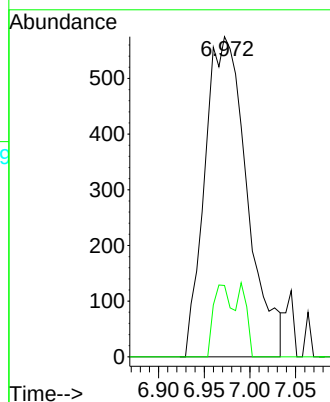
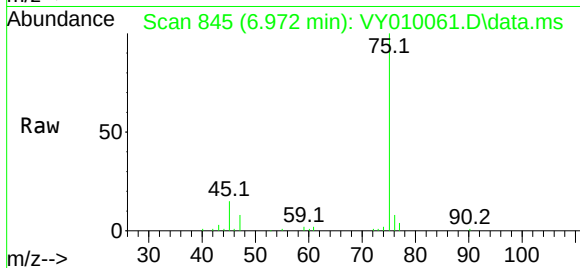
OR-02-081522

Tgt Ion: 43 Resp: 1846

Ion Ratio Lower Upper

43 100

72 22.3 21.7 32.5



#26

2,2-Dichloropropane

Concen: 2.001 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY010061.D

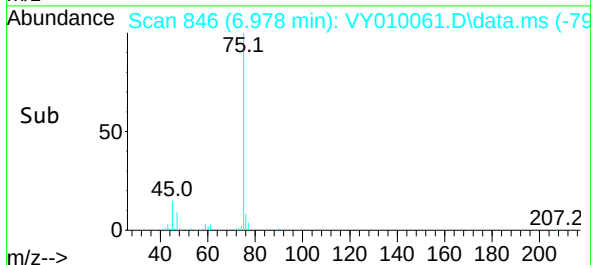
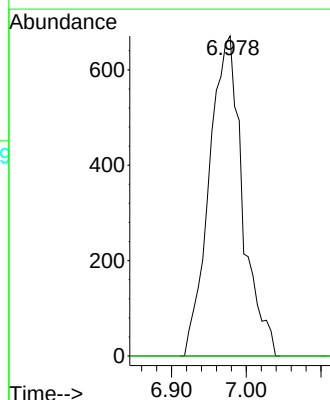
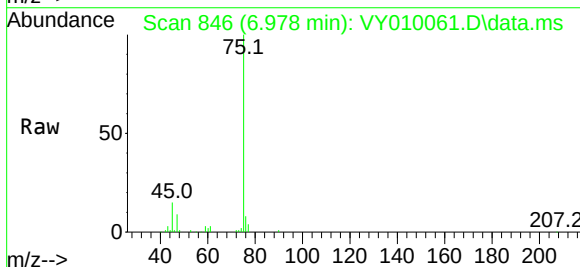
Acq: 17 Aug 2022 12:20

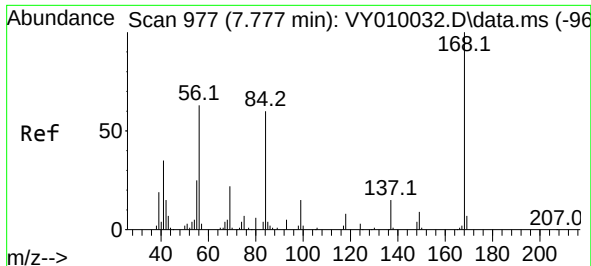
Tgt Ion: 77 Resp: 2076

Ion Ratio Lower Upper

77 100

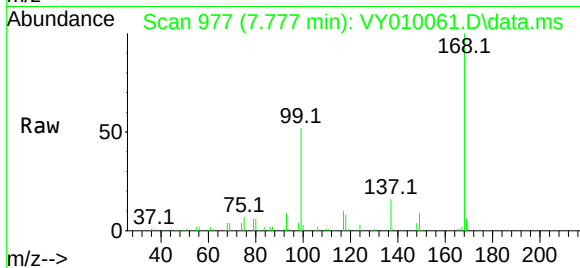
97 0.0 11.2 33.6#



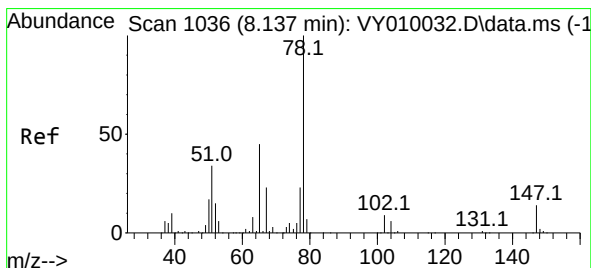
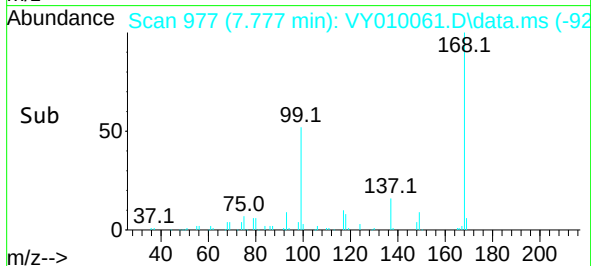
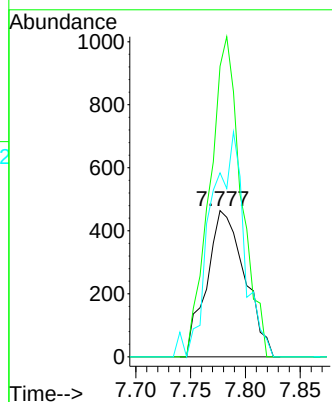


#31
Cyclohexane
Concen: 1.206 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-081522

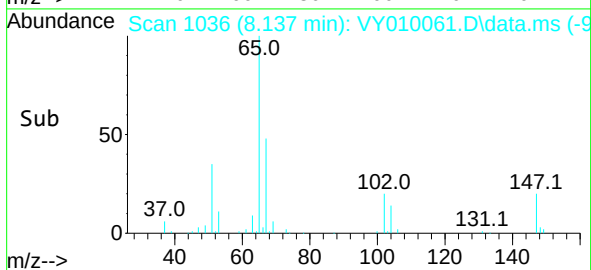
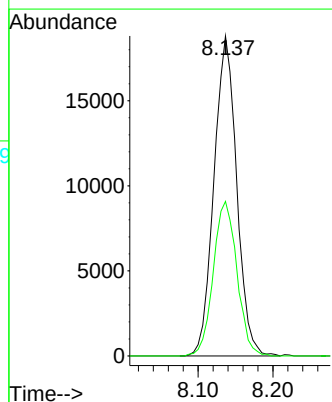
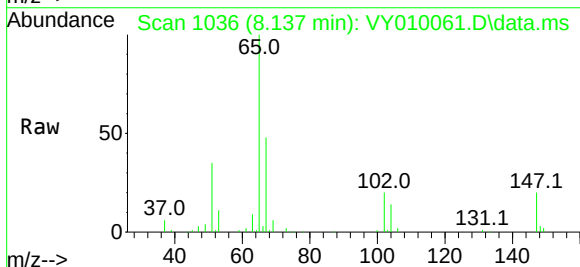


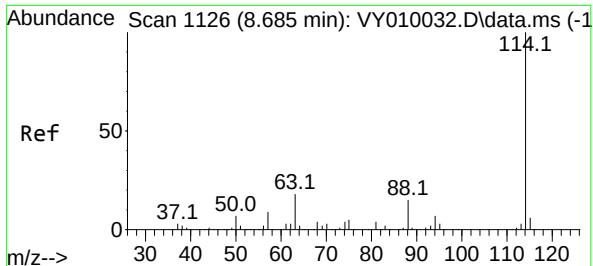
Tgt Ion: 56 Resp: 1117
Ion Ratio Lower Upper
56 100
69 198.7 28.6 43.0#
84 125.9 76.0 114.0#



#33
1,2-Dichloroethane-d4
Concen: 60.674 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

Tgt Ion: 65 Resp: 39787
Ion Ratio Lower Upper
65 100
67 50.4 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: VY010061.D

Acq: 17 Aug 2022 12:20

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-081522

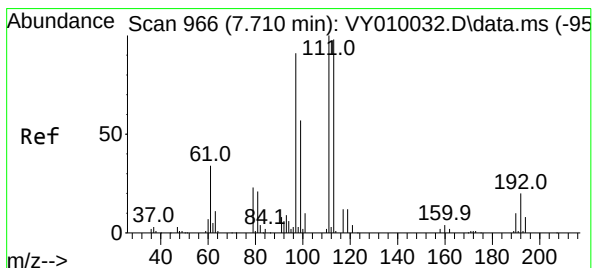
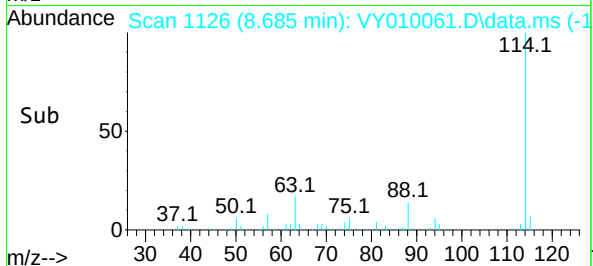
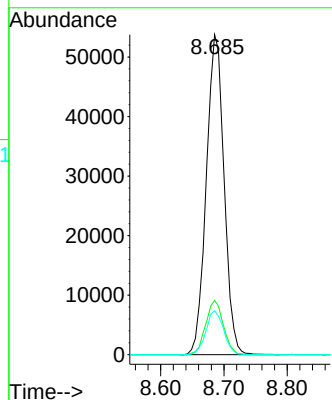
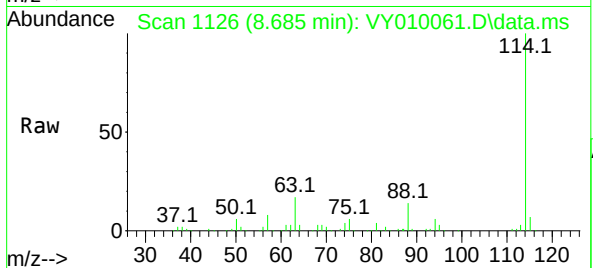
Tgt Ion:114 Resp: 105041

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.2

88 13.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 52.926 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010061.D

Acq: 17 Aug 2022 12:20

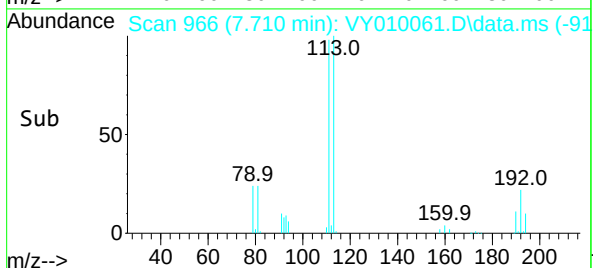
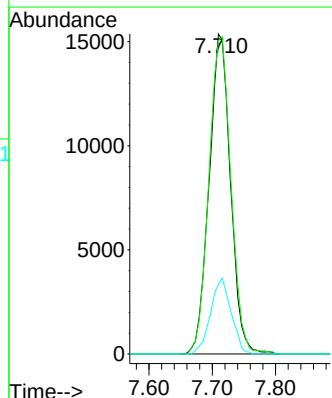
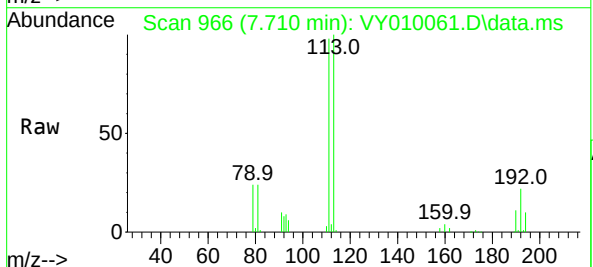
Tgt Ion:113 Resp: 36053

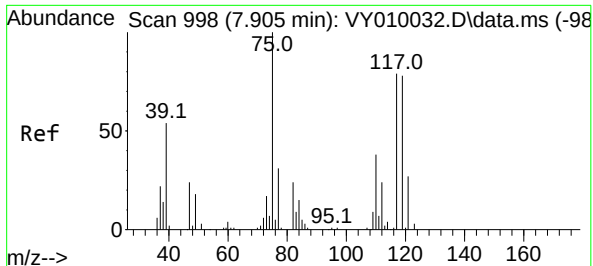
Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

192 22.8 17.2 25.8

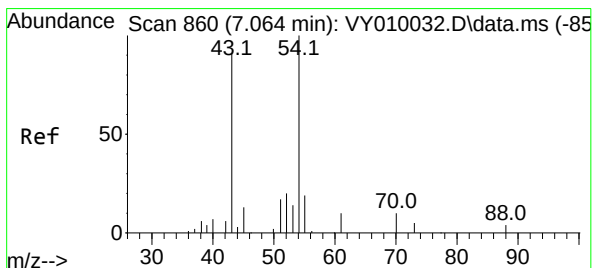
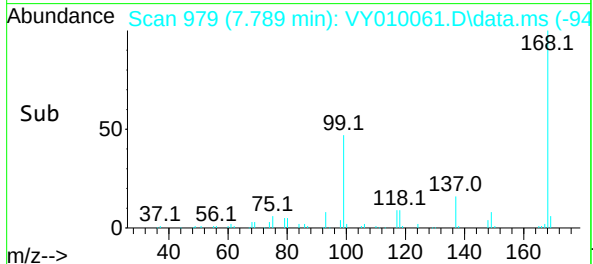
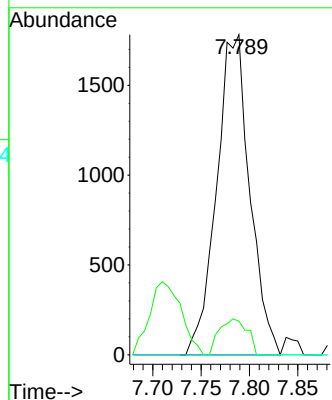
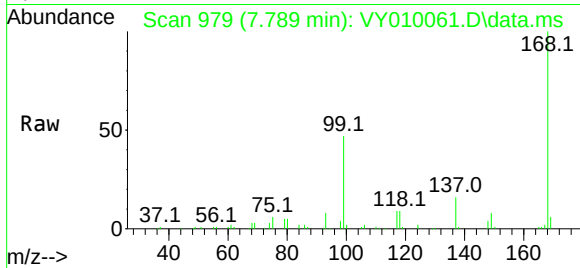




#36
1,1-Dichloropropene
Concen: 4.477 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

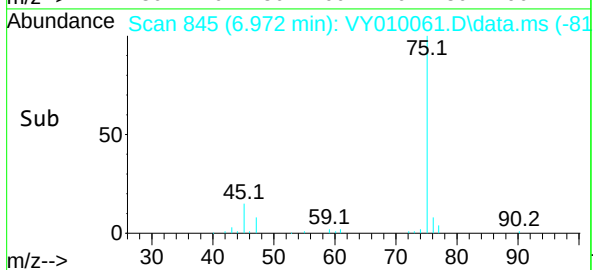
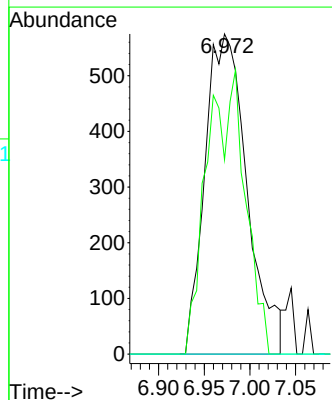
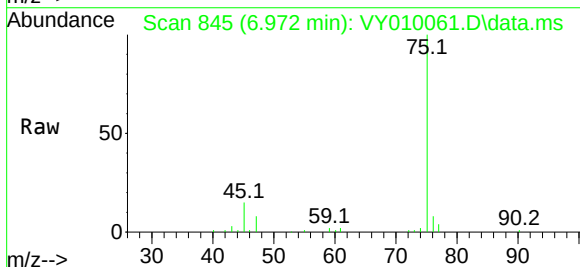
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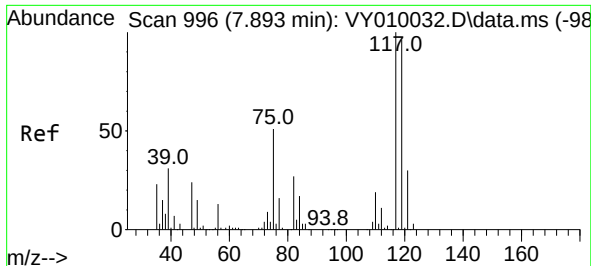
Tgt Ion: 75 Resp: 4248
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.4#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 3.863 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.092 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

Tgt Ion: 43 Resp: 1846
Ion Ratio Lower Upper
43 100
61 41.9 9.6 14.4#
70 0.0 7.9 11.9#

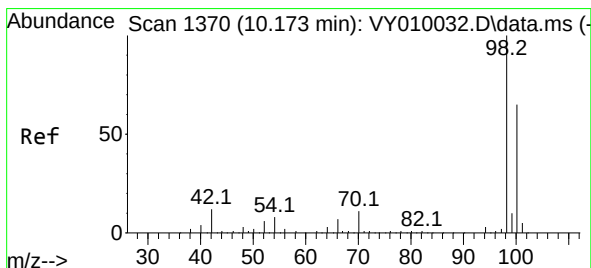
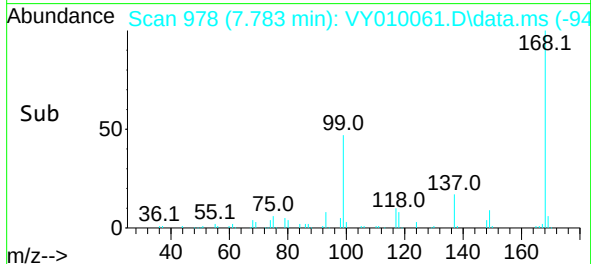
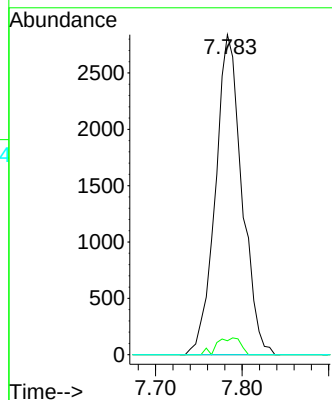
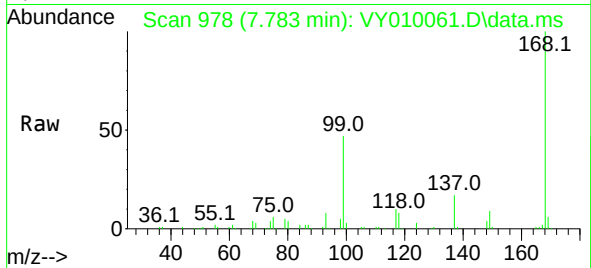




#38
Carbon Tetrachloride
Concen: 5.187 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

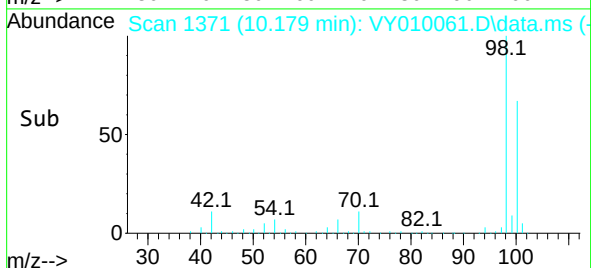
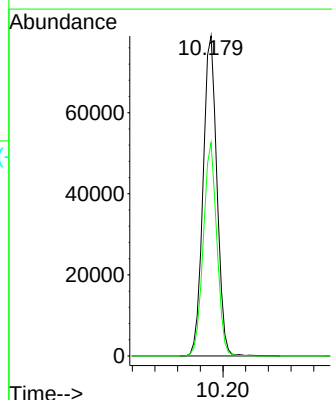
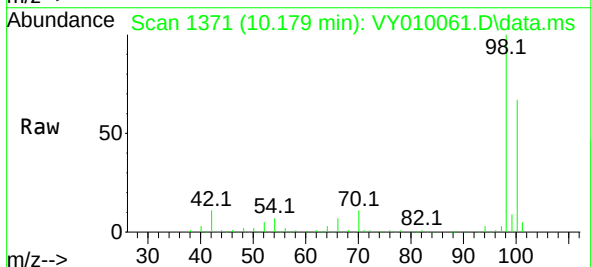
Instrument :
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OR-02-081522

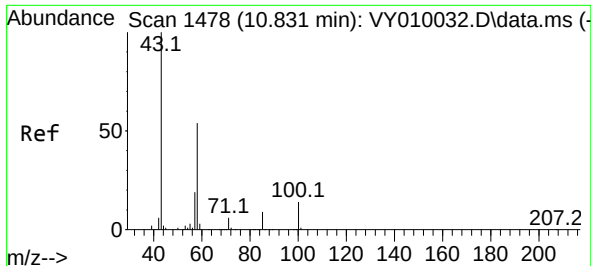
Tgt Ion:117 Resp: 6053
Ion Ratio Lower Upper
117 100
119 4.4 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 52.922 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

Tgt Ion: 98 Resp: 133375
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

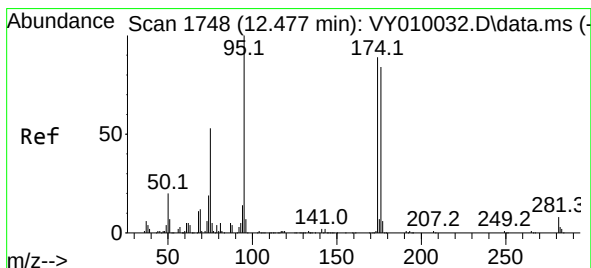
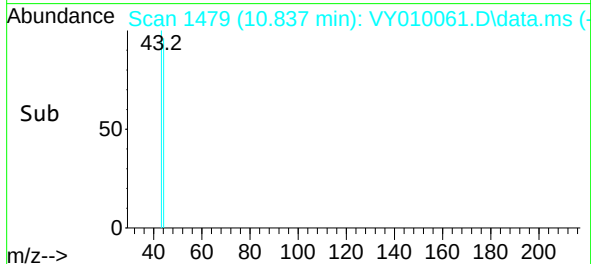
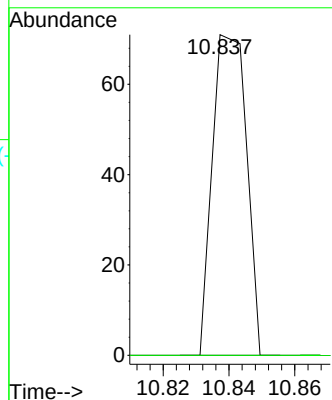
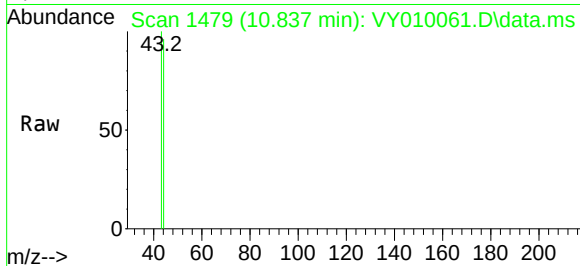




#59
2-Hexanone
Concen: 24.276 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

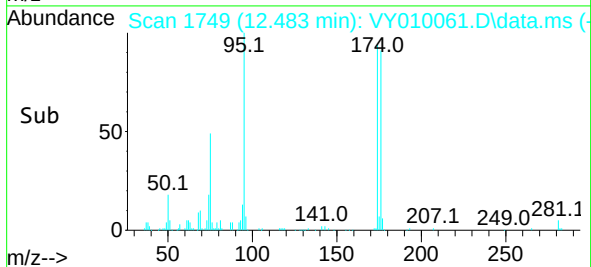
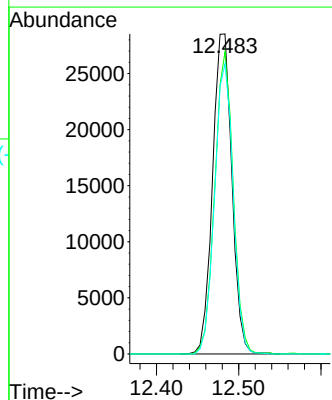
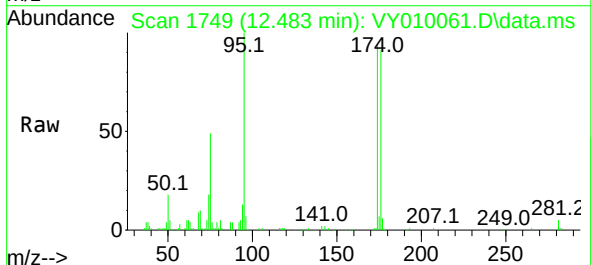
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-081522

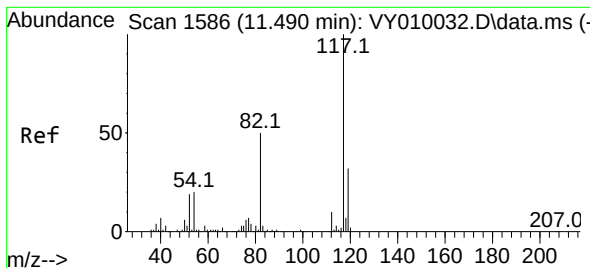
Tgt Ion: 43 Resp: 51
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 52.548 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

Tgt Ion: 95 Resp: 46515
Ion Ratio Lower Upper
95 100
174 90.5 0.0 184.2
176 87.4 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010061.D

Acq: 17 Aug 2022 12:20

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-081522

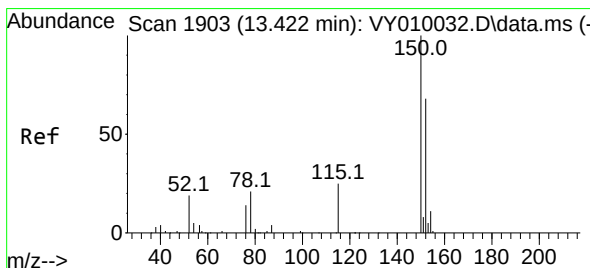
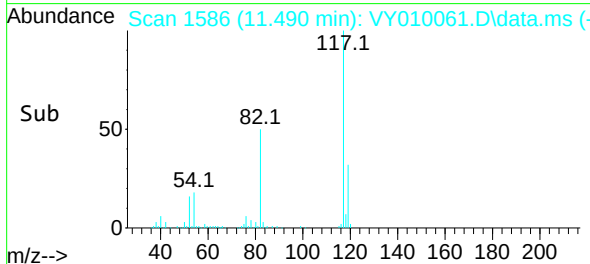
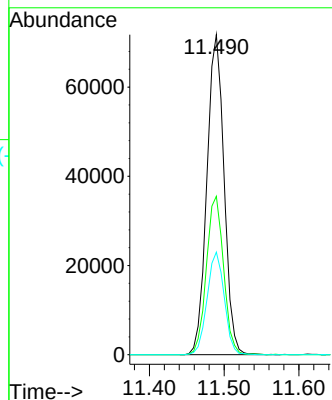
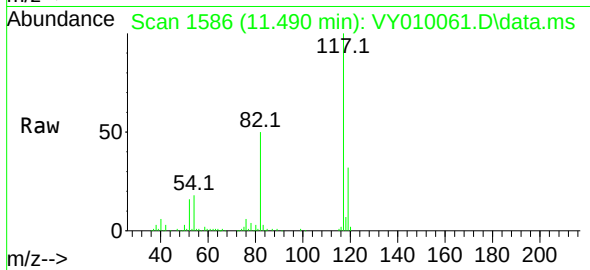
Tgt Ion:117 Resp: 114437

Ion Ratio Lower Upper

117 100

82 49.5 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: VY010061.D

Acq: 17 Aug 2022 12:20

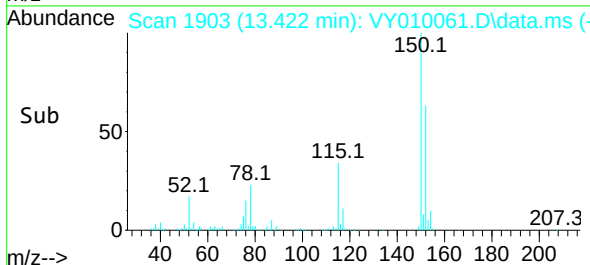
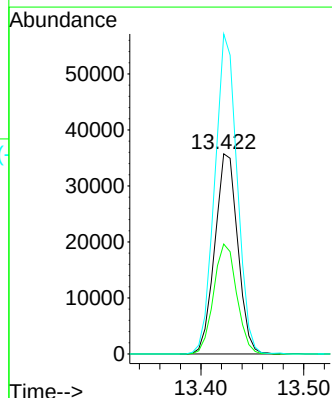
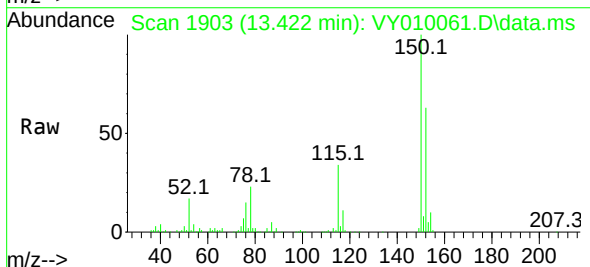
Tgt Ion:152 Resp: 55268

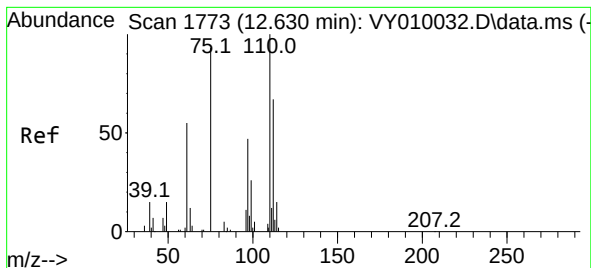
Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.3

150 156.1 0.0 346.6





#76

1,2,3-Trichloropropane

Concen: 45.086 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY010061.D

Acq: 17 Aug 2022 12:20

Instrument :

MSVOA_Y

ClientSampleId :

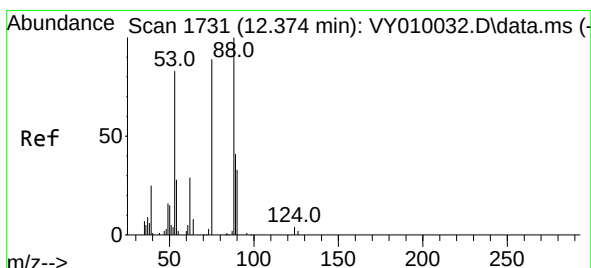
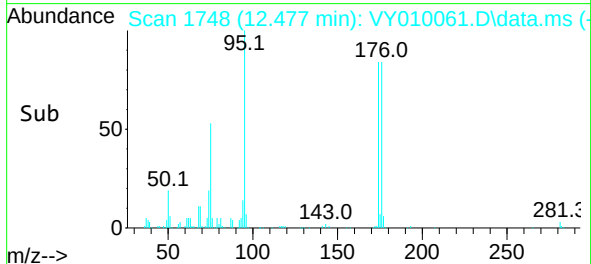
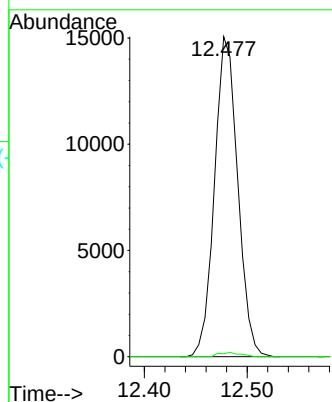
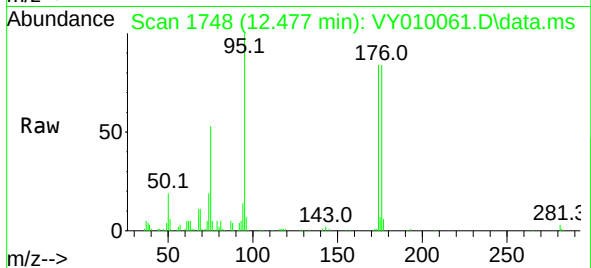
OR-02-081522

Tgt Ion: 75 Resp: 23620

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 101.890 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.103 min

Lab File: VY010061.D

Acq: 17 Aug 2022 12:20

Tgt Ion: 75 Resp: 23620

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.1 37.8 56.6#

