

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010243.D
 Acq On : 31 Aug 2022 14:20
 Operator : KP/MD
 Sample : N4417-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 F

Quant Time: Aug 31 14:46:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

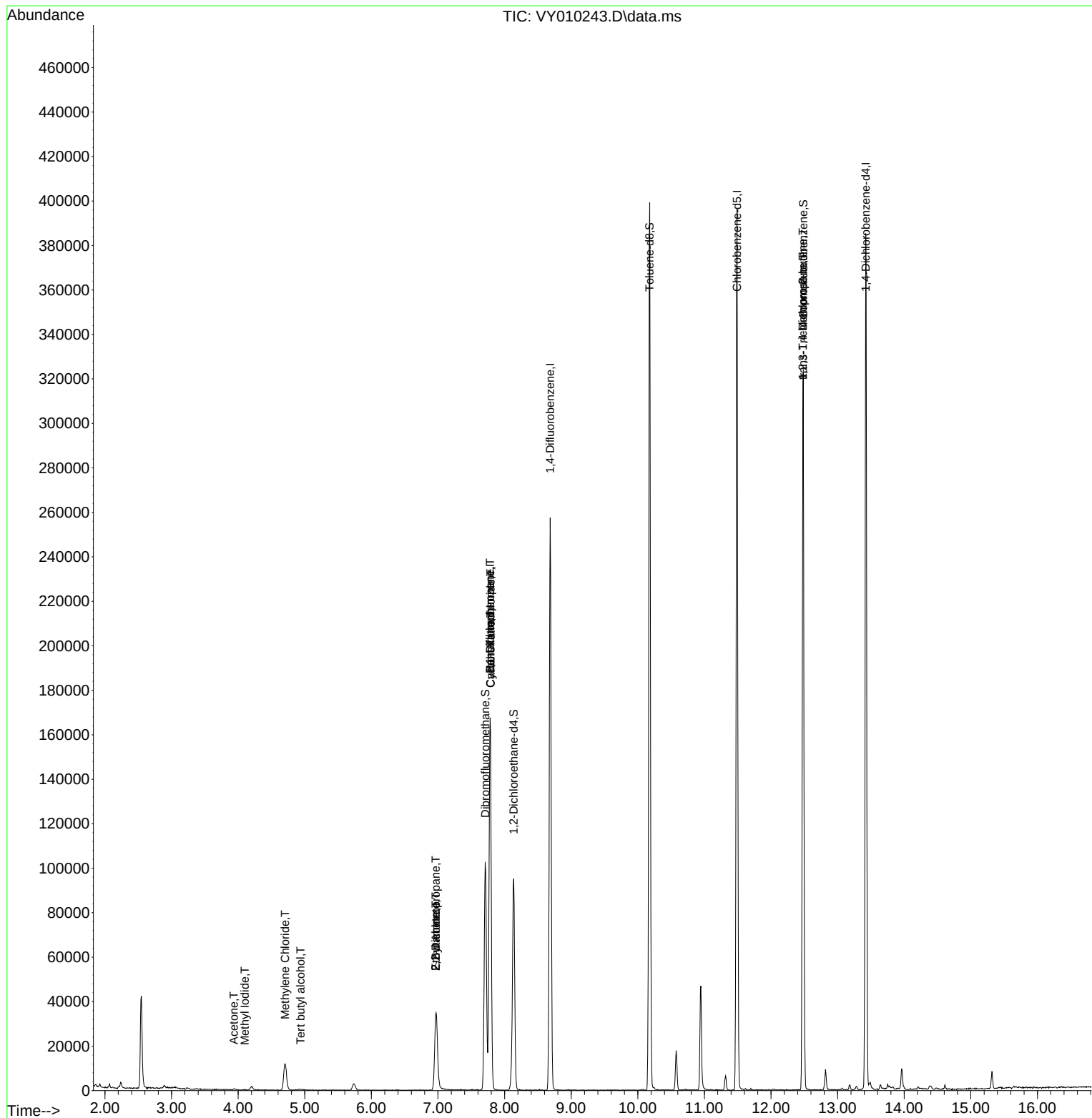
Internal Standards						
1) Pentafluorobenzene	7.783	168	145009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	232443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	225921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74663	61.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.260%	
35) Dibromofluoromethane	7.710	113	72254	54.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.140%	
50) Toluene-d8	10.179	98	267938	53.949	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.900%	
62) 4-Bromofluorobenzene	12.483	95	91846	49.595	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.180%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	314	1.616	ug/l #	65
11) Tert butyl alcohol	4.936	59	765	6.263	ug/l #	77
16) Acetone	3.936	43	609	2.372	ug/l #	84
20) Methylene Chloride	4.704	84	9874	6.532	ug/l #	79
25) 2-Butanone	6.966	43	1686	3.813	ug/l #	73
26) 2,2-Dichloropropane	6.966	77	2835	1.359	ug/l #	55
31) Cyclohexane	7.789	56	2410	1.105	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9241	4.559	ug/l #	51
37) Ethyl Acetate	6.966	43	1686	1.578	ug/l #	1
38) Carbon Tetrachloride	7.789	117	13245	5.694	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	44754	41.651	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44754	86.897	ug/l #	7

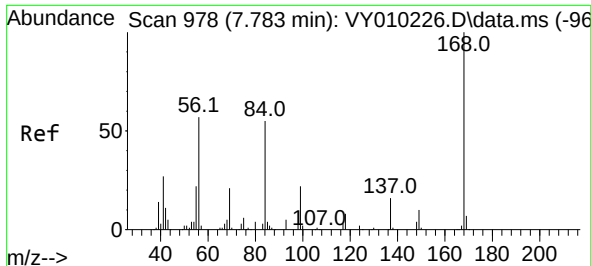
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
Data File : VY010243.D
Acq On : 31 Aug 2022 14:20
Operator : KP/MD
Sample : N4417-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
F

Quant Time: Aug 31 14:46:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 02:23:17 2022
Response via : Initial Calibration

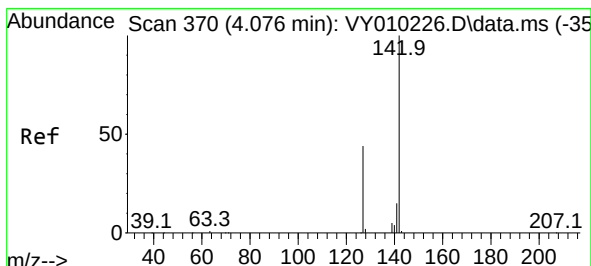
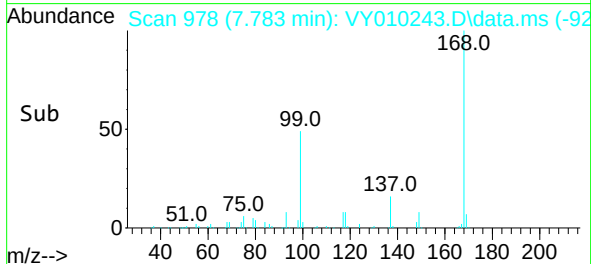
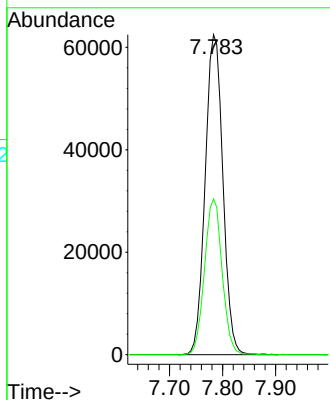
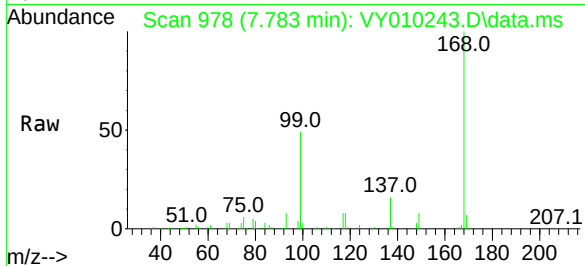




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010243.D
Acq: 31 Aug 2022 14:20

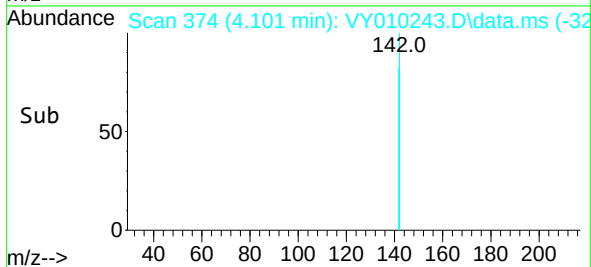
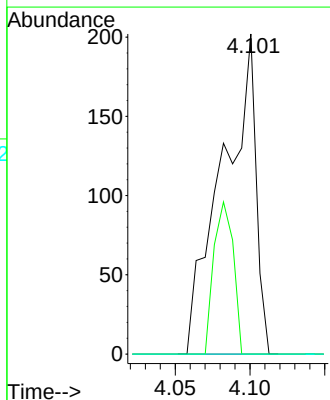
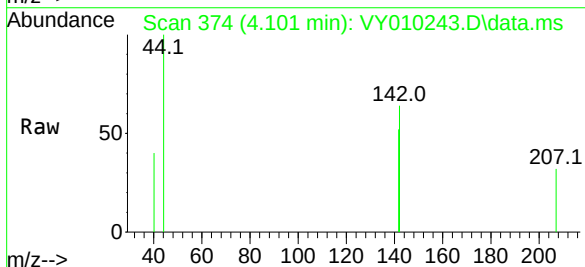
Instrument :
MSVOA_Y
ClientSampleId :
F

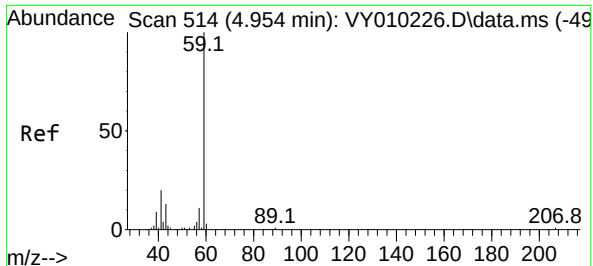
Tgt Ion:168 Resp: 145009
Ion Ratio Lower Upper
168 100
99 48.7 46.9 70.3



#10
Methyl Iodide
Concen: 1.616 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.025 min
Lab File: VY010243.D
Acq: 31 Aug 2022 14:20

Tgt Ion:142 Resp: 314
Ion Ratio Lower Upper
142 100
127 27.7 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: 6.263 ug/l

RT: 4.936 min Scan# 514

Delta R.T. -0.018 min

Lab File: VY010243.D

Acq: 31 Aug 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

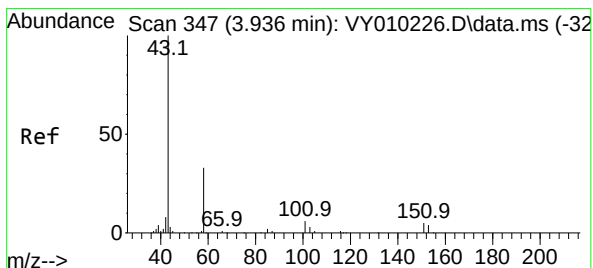
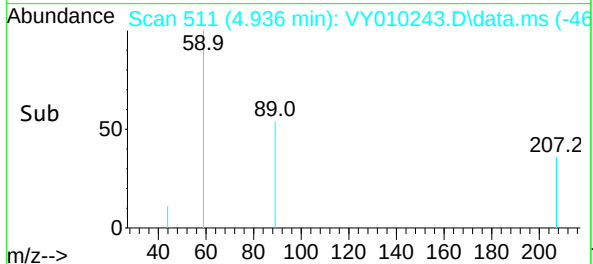
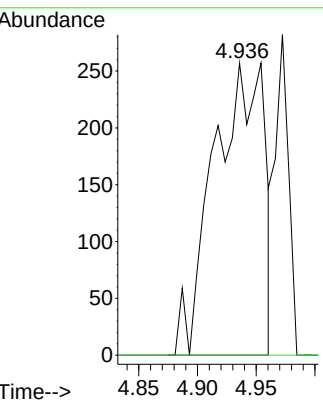
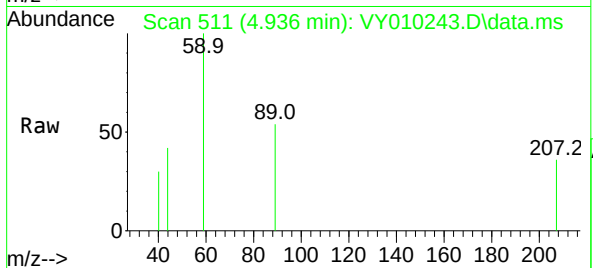
F

Tgt Ion: 59 Resp: 765

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.372 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY010243.D

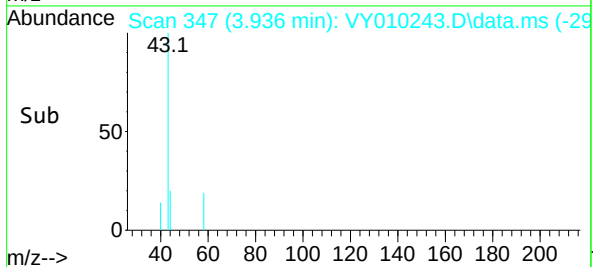
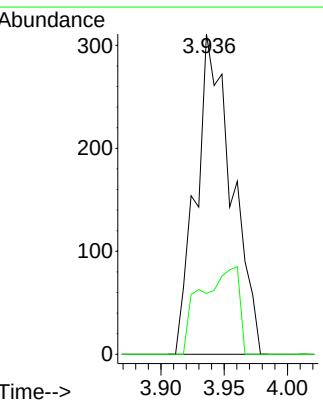
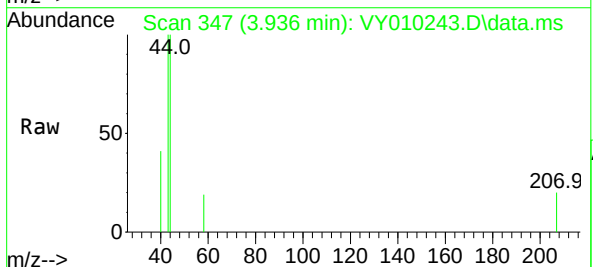
Acq: 31 Aug 2022 14:20

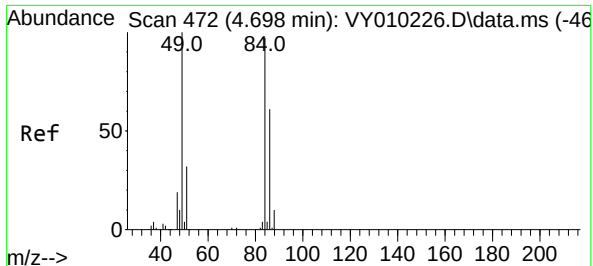
Tgt Ion: 43 Resp: 609

Ion Ratio Lower Upper

43 100

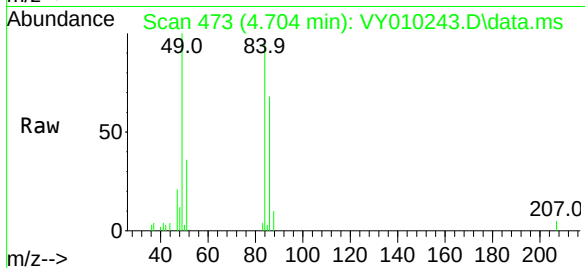
58 19.0 22.0 33.0#



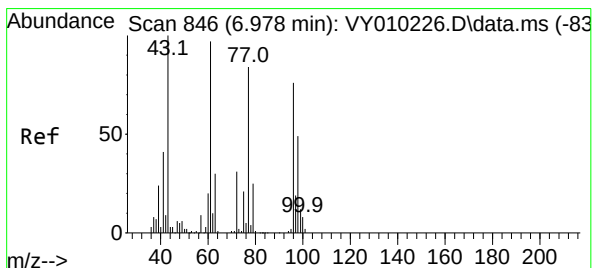
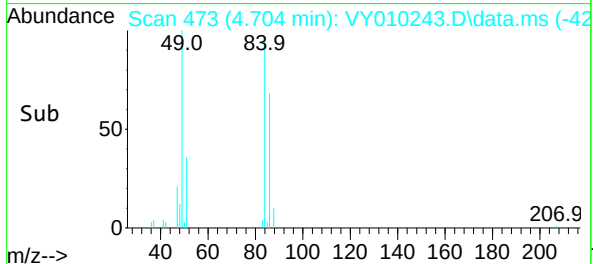
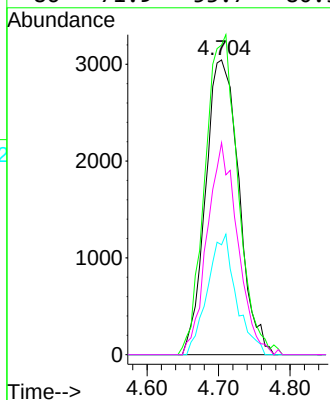


#20
Methylene Chloride
Concen: 6.532 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010243.D
Acq: 31 Aug 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
F

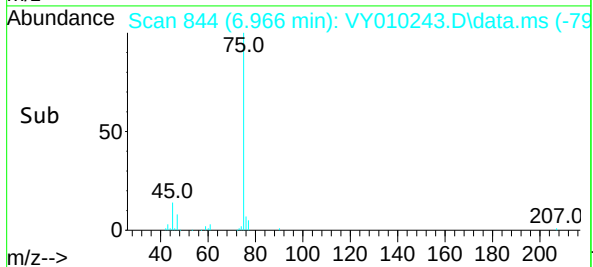
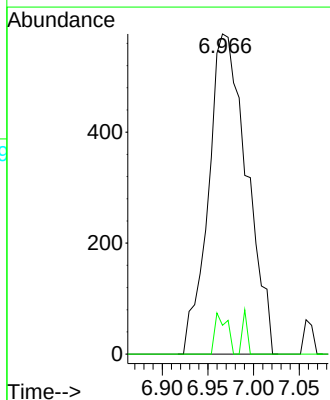
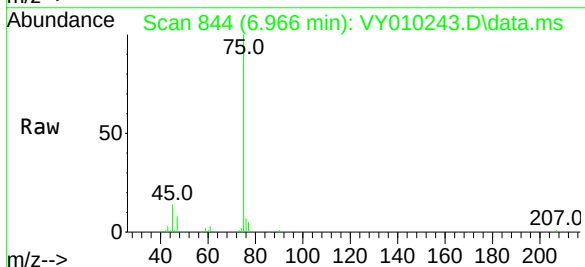


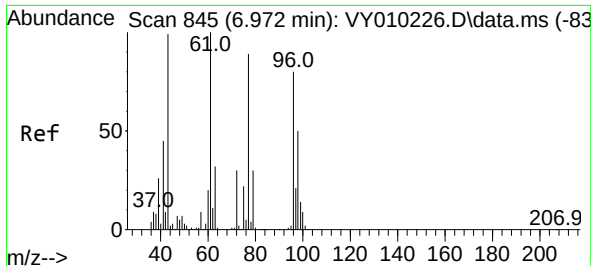
Tgt Ion: 84 Resp: 9874
Ion Ratio Lower Upper
84 100
49 105.0 114.4 171.6#
51 37.3 35.3 52.9
86 71.9 53.7 80.5



#25
2-Butanone
Concen: 3.813 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY010243.D
Acq: 31 Aug 2022 14:20

Tgt Ion: 43 Resp: 1686
Ion Ratio Lower Upper
43 100
72 9.0 17.7 26.5#





#26

2,2-Dichloropropane

Concen: 1.359 ug/l

RT: 6.966 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010243.D

Acq: 31 Aug 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

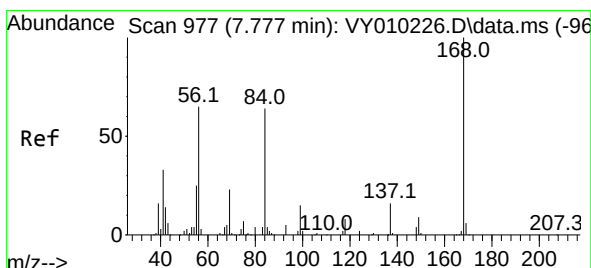
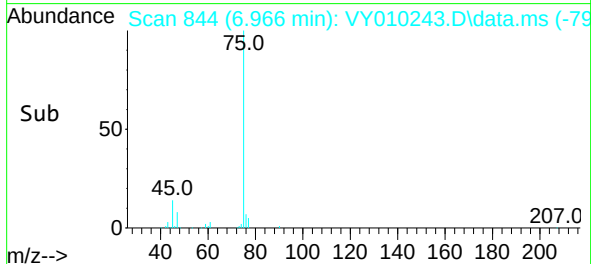
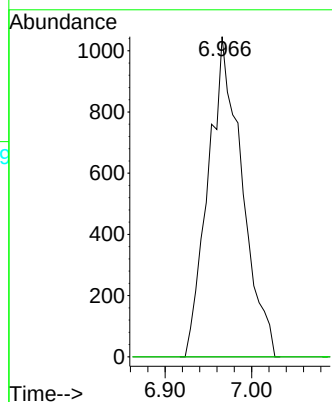
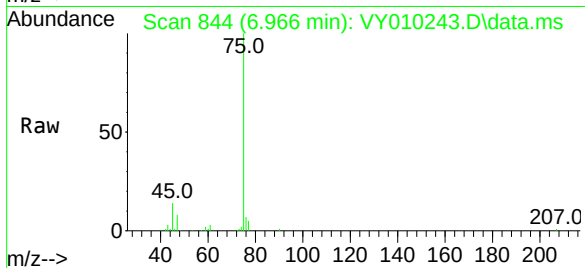
F

Tgt Ion: 77 Resp: 2835

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.105 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.012 min

Lab File: VY010243.D

Acq: 31 Aug 2022 14:20

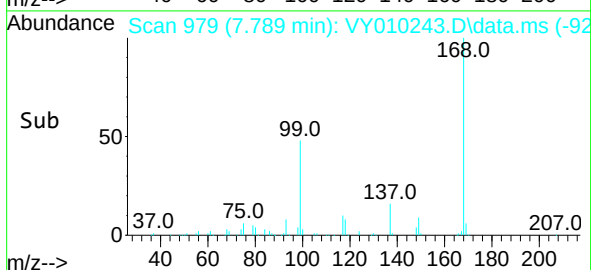
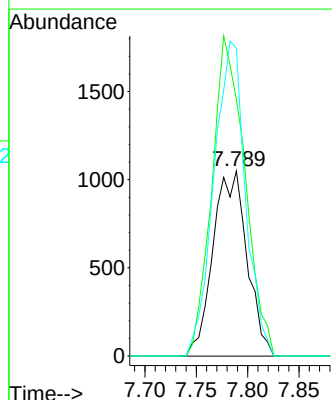
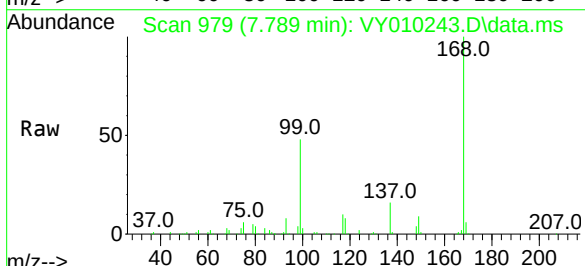
Tgt Ion: 56 Resp: 2410

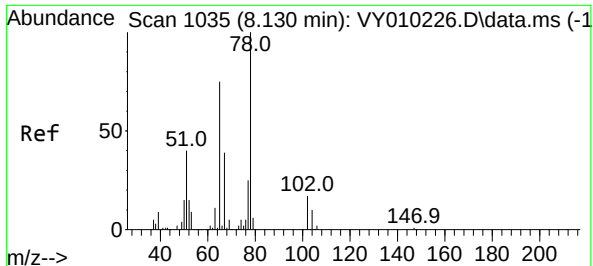
Ion Ratio Lower Upper

56 100

69 138.7 26.7 40.1#

84 166.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.129 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010243.D

Acq: 31 Aug 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

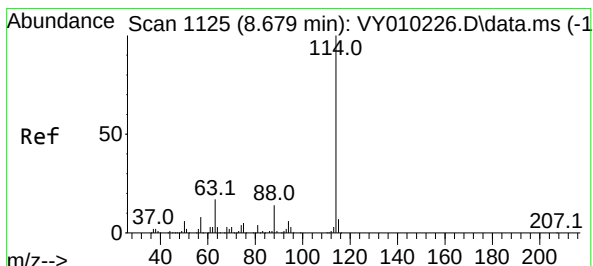
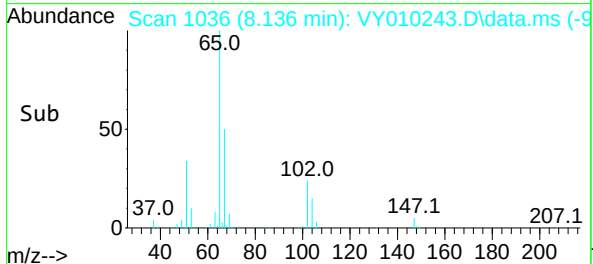
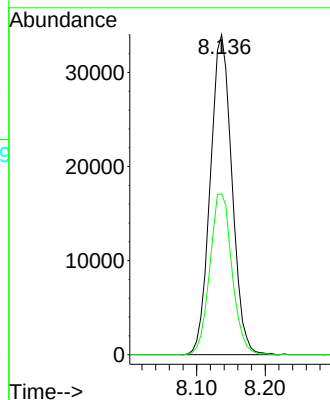
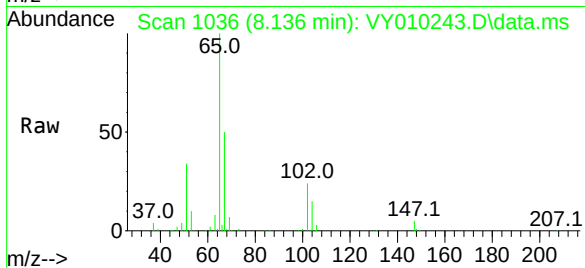
F

Tgt Ion: 65 Resp: 74663

Ion Ratio Lower Upper

65 100

67 51.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010243.D

Acq: 31 Aug 2022 14:20

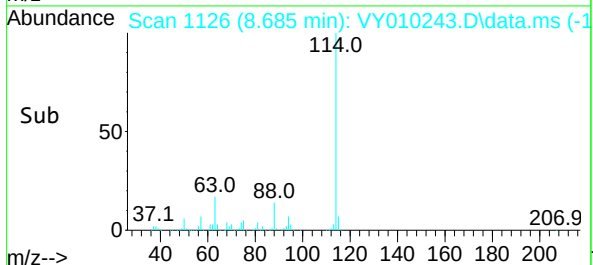
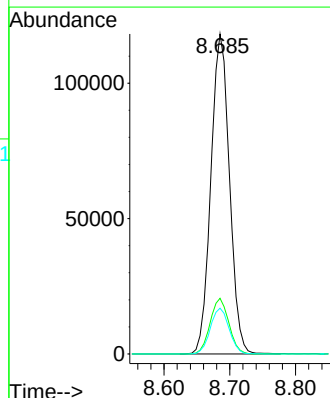
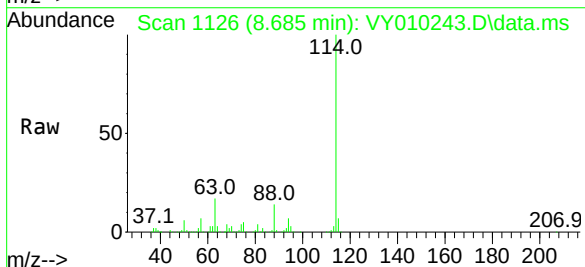
Tgt Ion: 114 Resp: 232443

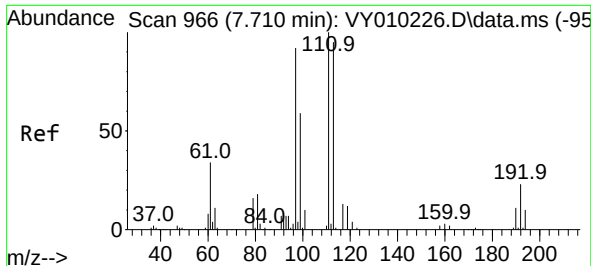
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.3 0.0 31.8

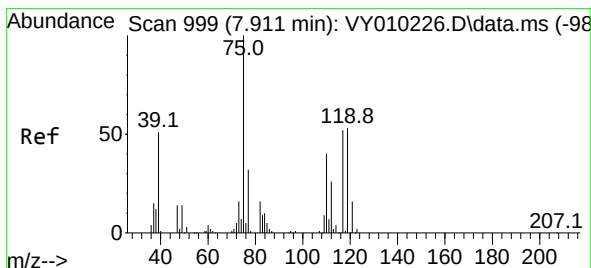
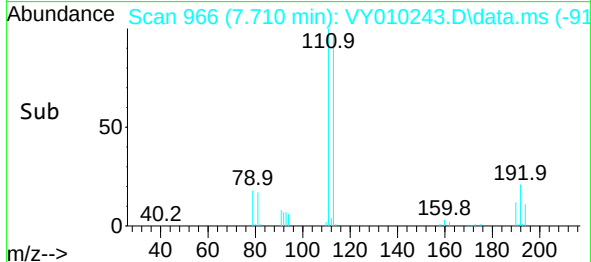
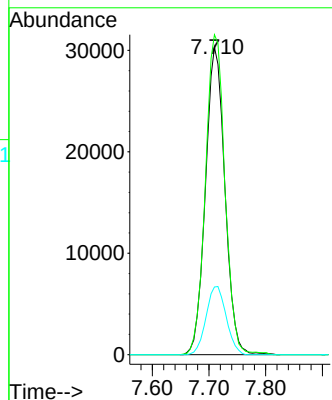
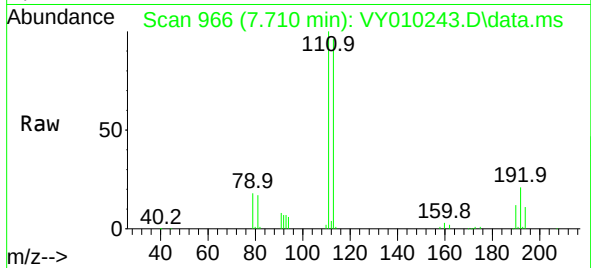




#35
Dibromofluoromethane
Concen: 54.067 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010243.D
Acq: 31 Aug 2022 14:20

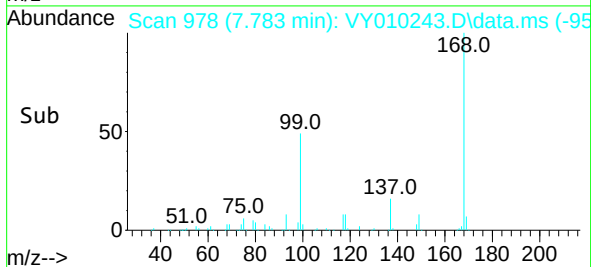
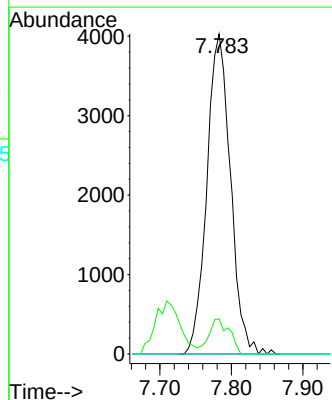
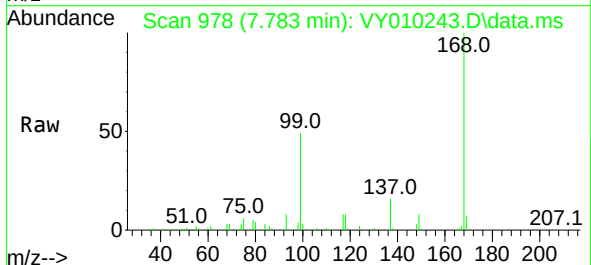
Instrument :
MSVOA_Y
ClientSampleId :
F

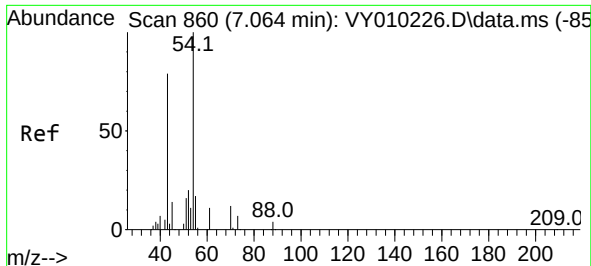
Tgt Ion:113 Resp: 72254
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 22.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.559 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010243.D
Acq: 31 Aug 2022 14:20

Tgt Ion: 75 Resp: 9241
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.578 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY010243.D

Acq: 31 Aug 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

F

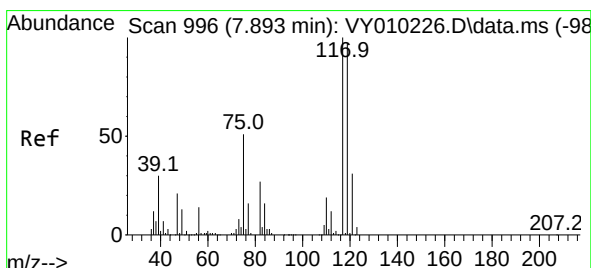
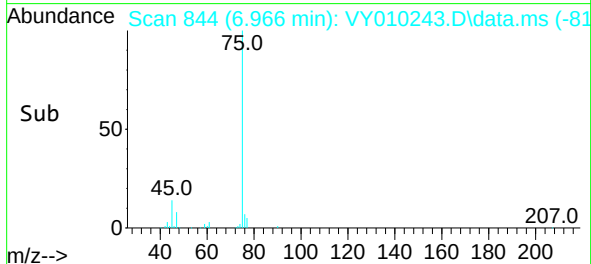
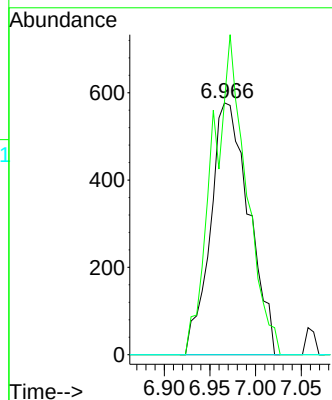
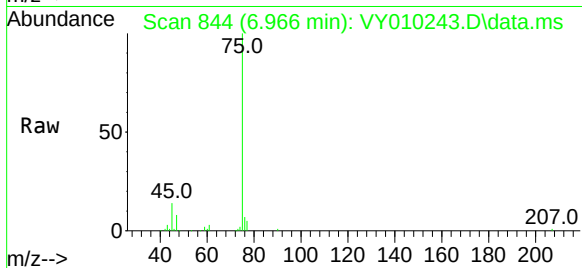
Tgt Ion: 43 Resp: 1686

Ion Ratio Lower Upper

43 100

61 113.2 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.694 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY010243.D

Acq: 31 Aug 2022 14:20

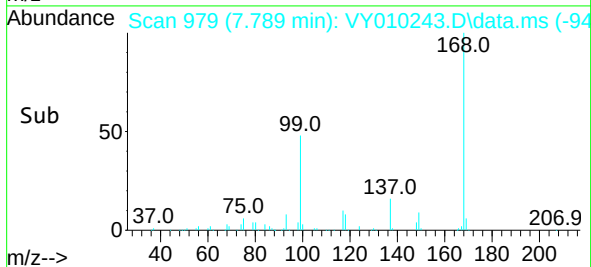
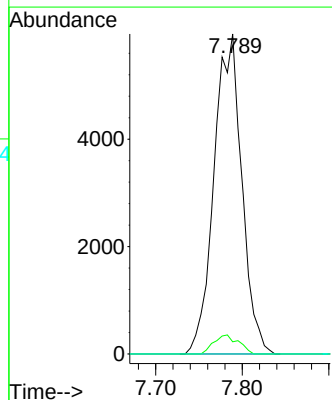
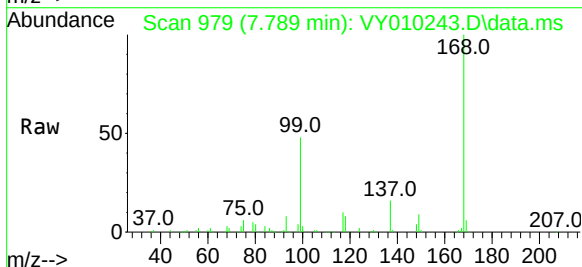
Tgt Ion: 117 Resp: 13245

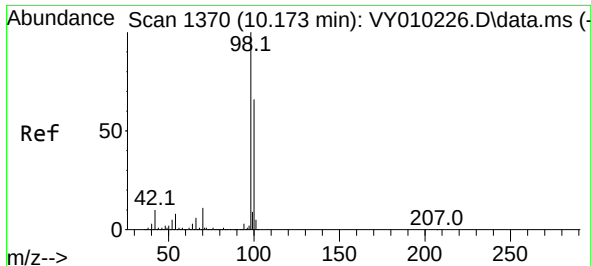
Ion Ratio Lower Upper

117 100

119 3.8 77.9 116.9#

121 0.0 24.8 37.2#

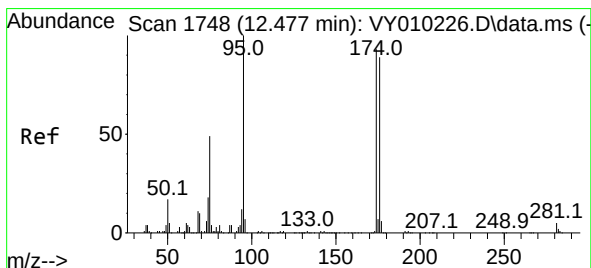
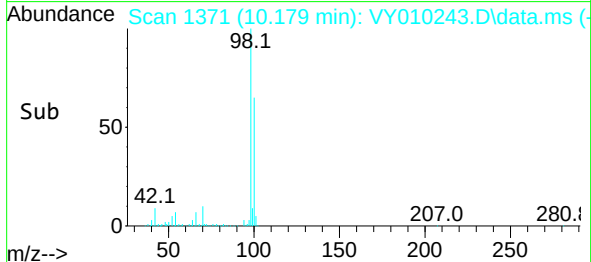
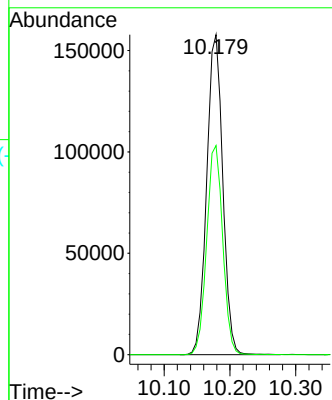
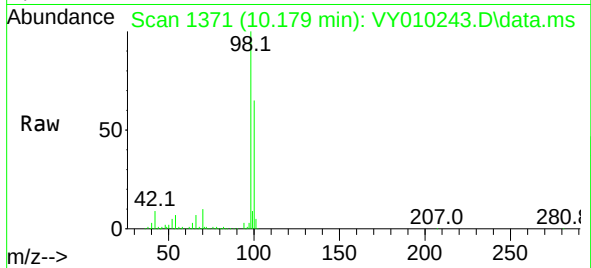




#50
Toluene-d8
Concen: 53.949 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010243.D
Acq: 31 Aug 2022 14:20

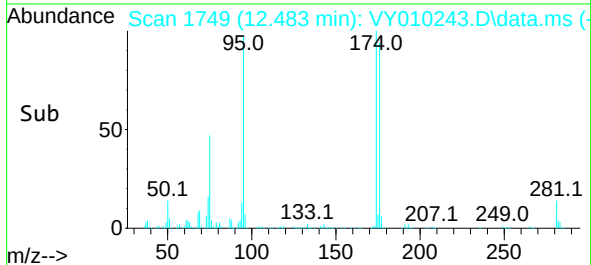
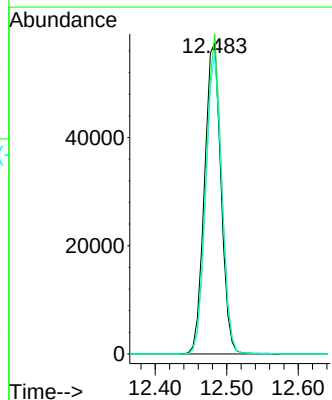
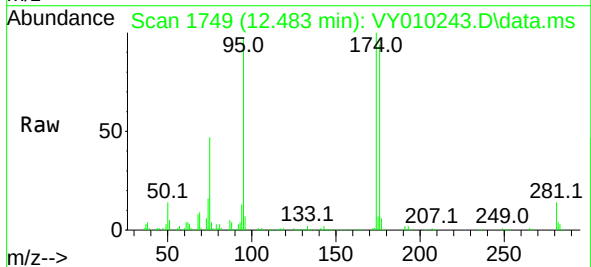
Instrument :
MSVOA_Y
ClientSampleId :
F

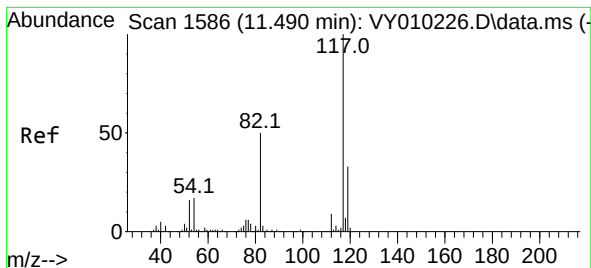
Tgt Ion: 98 Resp: 267938
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.595 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010243.D
Acq: 31 Aug 2022 14:20

Tgt Ion: 95 Resp: 91846
Ion Ratio Lower Upper
95 100
174 97.7 0.0 177.0
176 93.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010243.D

Acq: 31 Aug 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

F

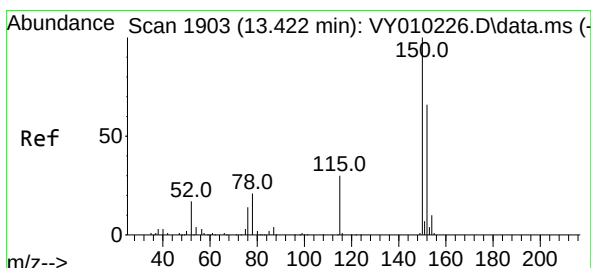
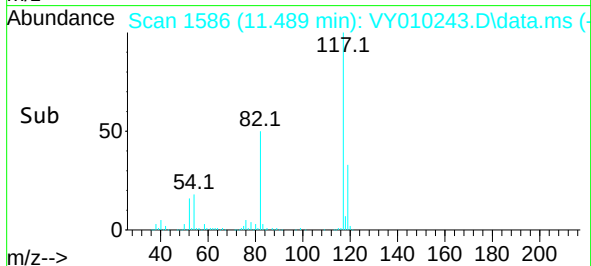
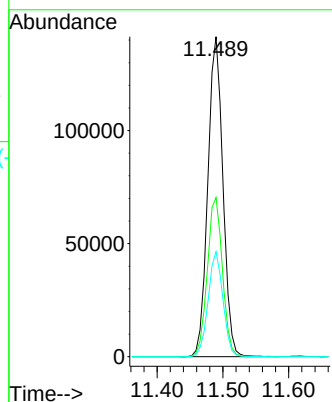
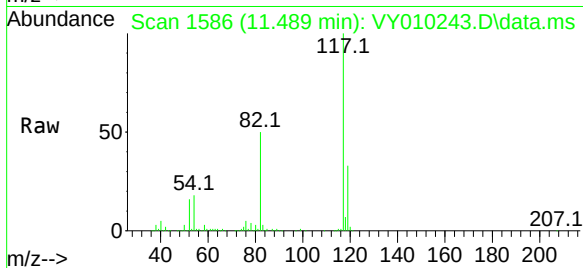
Tgt Ion:117 Resp: 225921

Ion Ratio Lower Upper

117 100

82 49.8 43.0 64.4

119 32.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010243.D

Acq: 31 Aug 2022 14:20

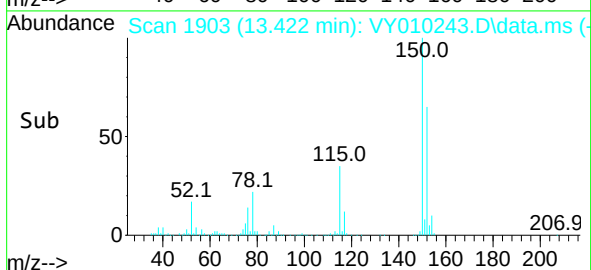
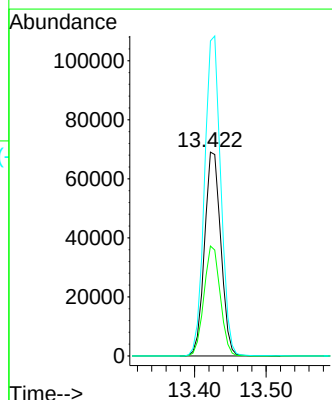
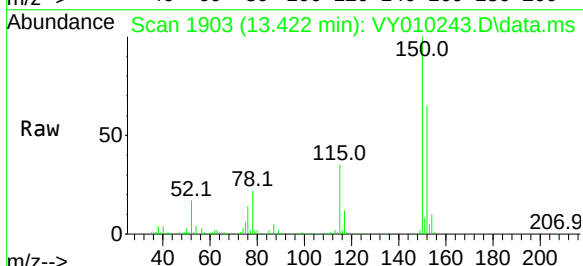
Tgt Ion:152 Resp: 109275

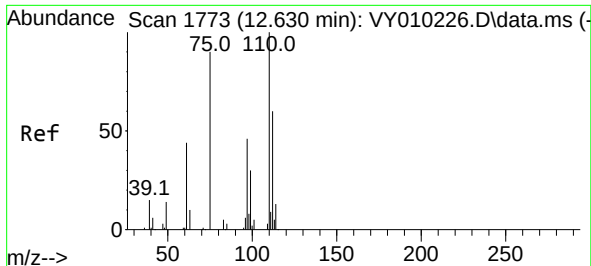
Ion Ratio Lower Upper

152 100

115 53.8 28.2 84.7

150 156.4 0.0 347.6

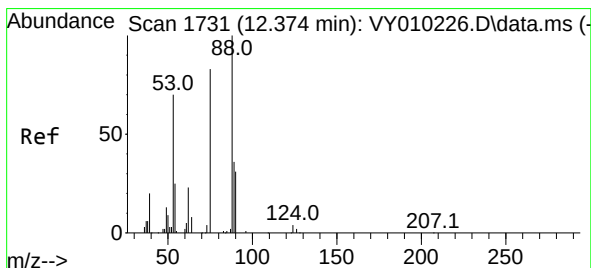
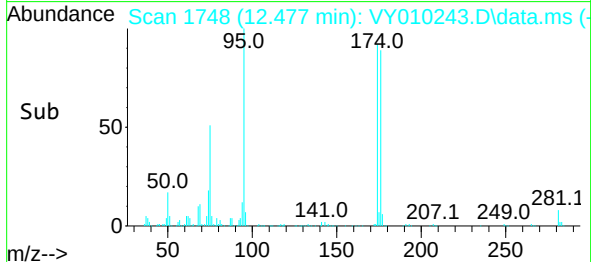
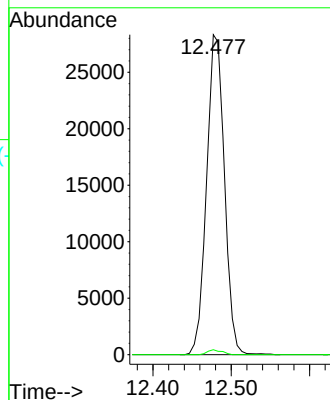
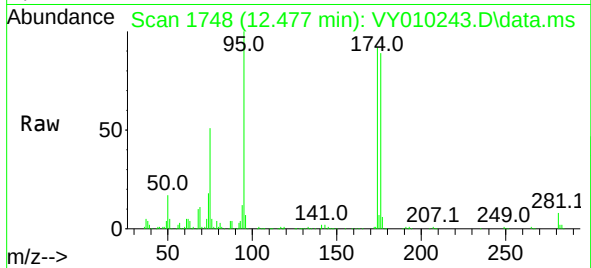




#76
1,2,3-Trichloropropane
Concen: 41.651 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010243.D
Acq: 31 Aug 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
F

Tgt Ion: 75 Resp: 44754
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.897 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010243.D
Acq: 31 Aug 2022 14:20

Tgt Ion: 75 Resp: 44754
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.4 37.0 55.4#

