

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010247.D
 Acq On : 31 Aug 2022 15:54
 Operator : KP/MD
 Sample : N4328-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Aug 31 23:41:34 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)

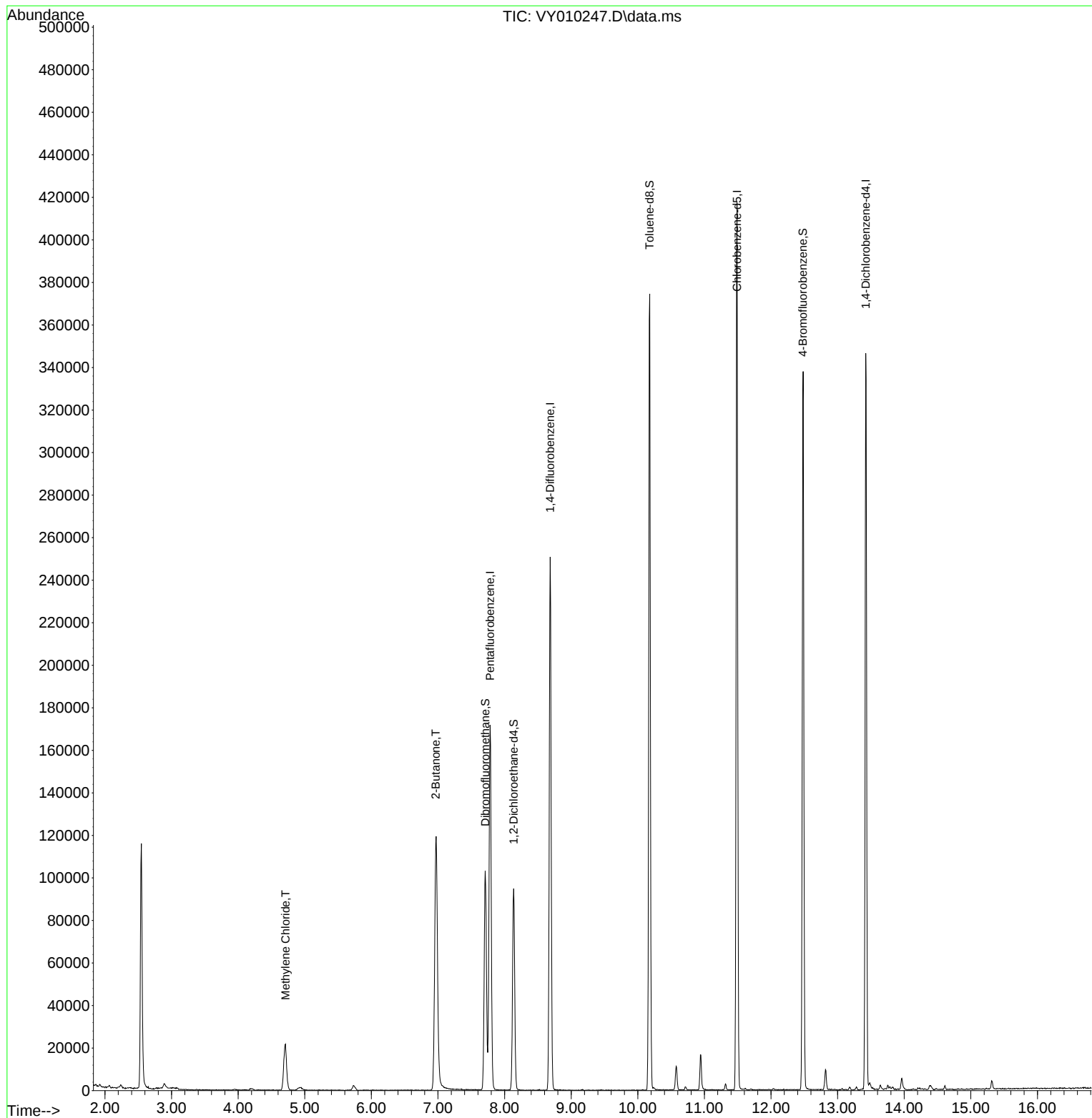
Internal Standards						
1) Pentafluorobenzene	7.782	168	144764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	227719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	238499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75383	61.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.580%	
35) Dibromofluoromethane	7.709	113	73702	56.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.360%	
50) Toluene-d8	10.178	98	251424	51.867	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.740%	
62) 4-Bromofluorobenzene	12.477	95	101347	55.860	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.720%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	16973	11.248	ug/l #	80
25) 2-Butanone	6.966	43	5533	12.536	ug/l #	74

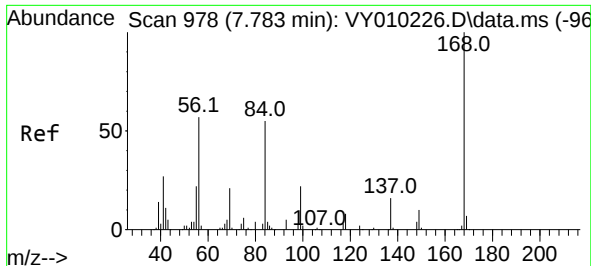
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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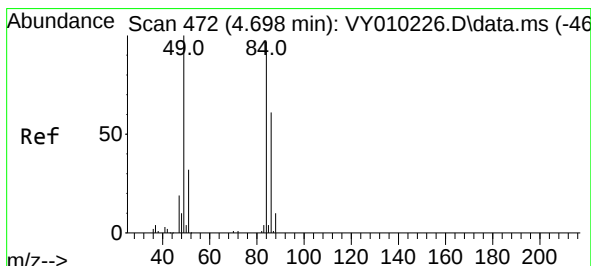
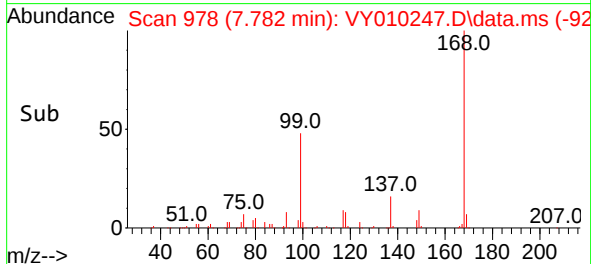
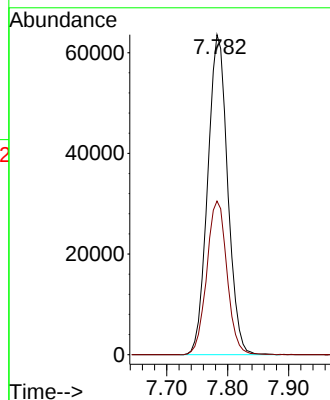
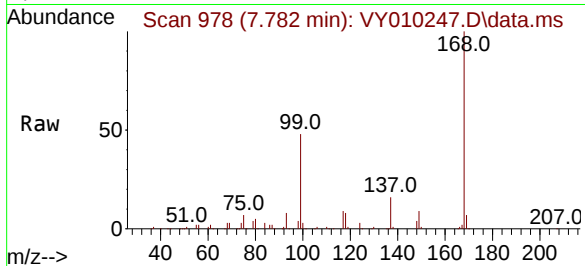




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010247.D
Acq: 31 Aug 2022 15:54

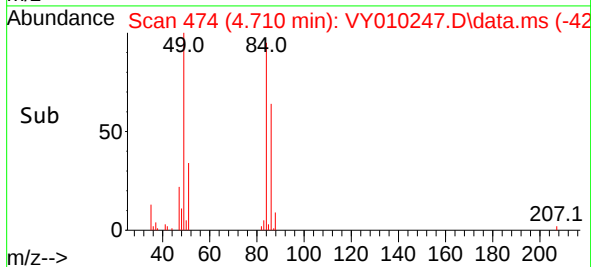
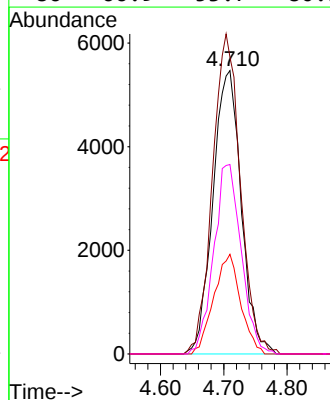
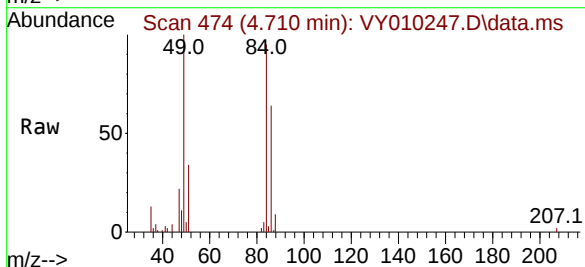
Instrument :
MSVOA_Y
ClientSampleId :
VOC

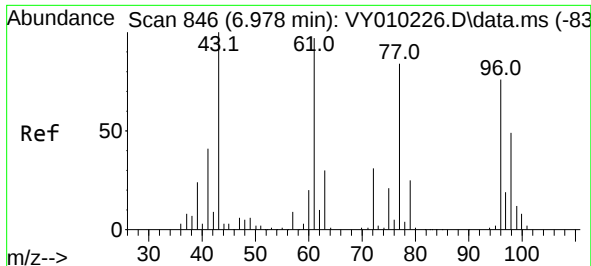
Tgt Ion:168 Resp: 144764
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#20
Methylene Chloride
Concen: 11.248 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY010247.D
Acq: 31 Aug 2022 15:54

Tgt Ion: 84 Resp: 16973
Ion Ratio Lower Upper
84 100
49 104.7 114.4 171.6#
51 35.2 35.3 52.9#
86 66.9 53.7 80.5





#25

2-Butanone

Concen: 12.536 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.013 min

Lab File: VY010247.D

Acq: 31 Aug 2022 15:54

Instrument :

MSVOA_Y

ClientSampleId :

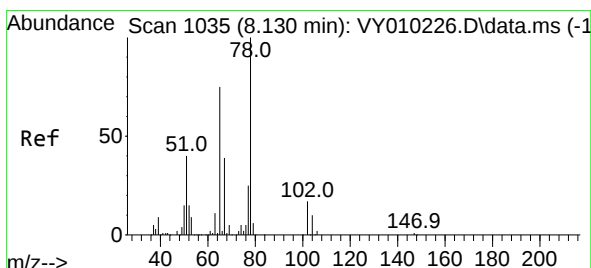
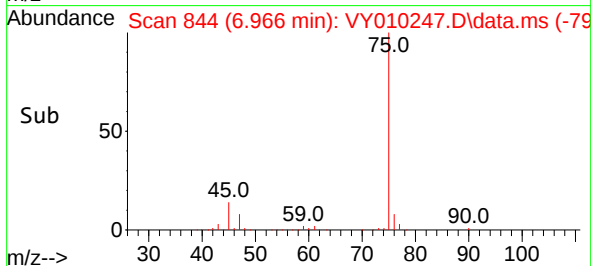
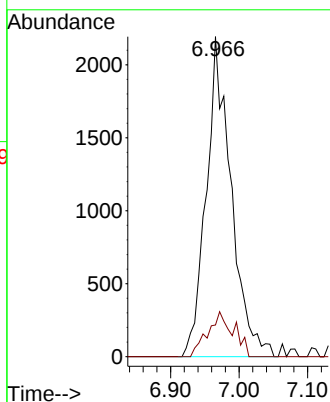
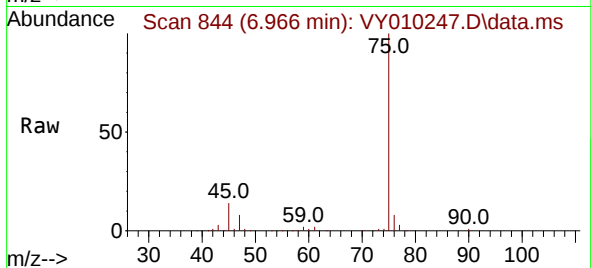
VOC

Tgt Ion: 43 Resp: 5533

Ion Ratio Lower Upper

43 100

72 9.9 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 61.785 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY010247.D

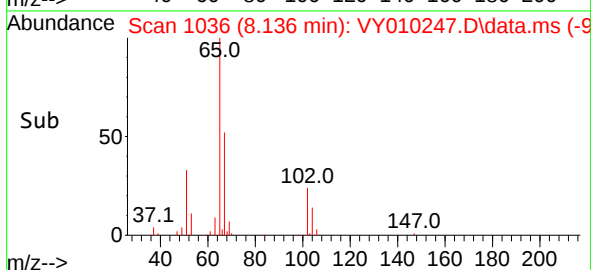
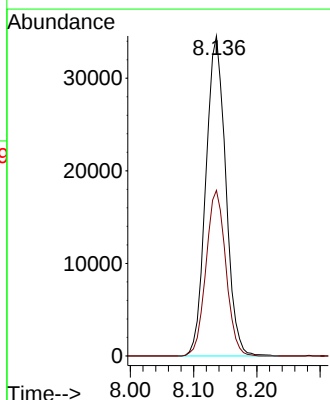
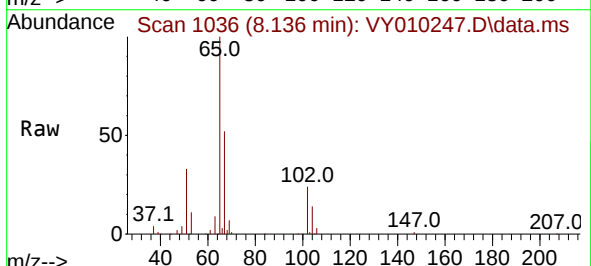
Acq: 31 Aug 2022 15:54

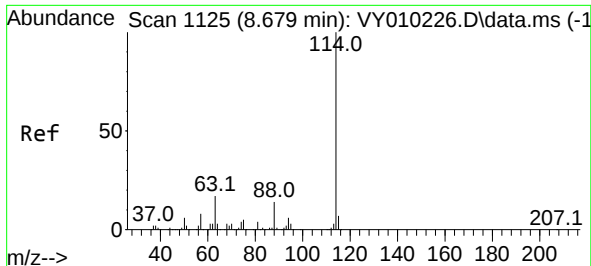
Tgt Ion: 65 Resp: 75383

Ion Ratio Lower Upper

65 100

67 51.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY010247.D

Acq: 31 Aug 2022 15:54

Instrument :

MSVOA_Y

ClientSampleId :

VOC

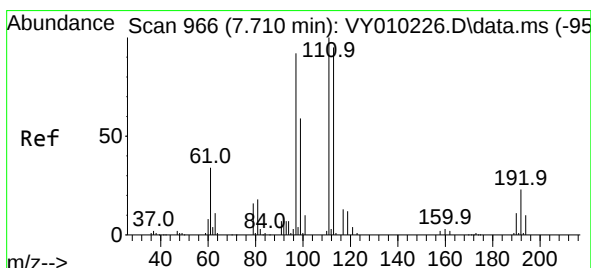
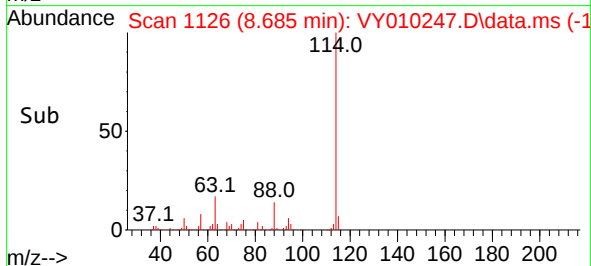
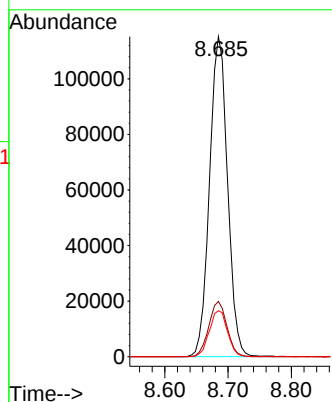
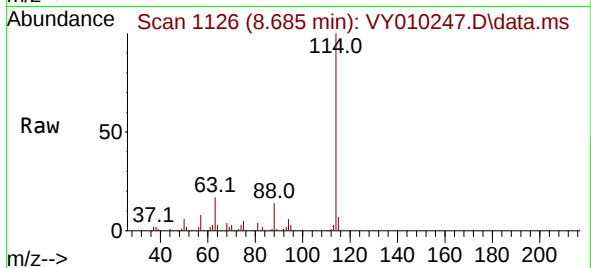
Tgt Ion:114 Resp: 227719

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.180 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010247.D

Acq: 31 Aug 2022 15:54

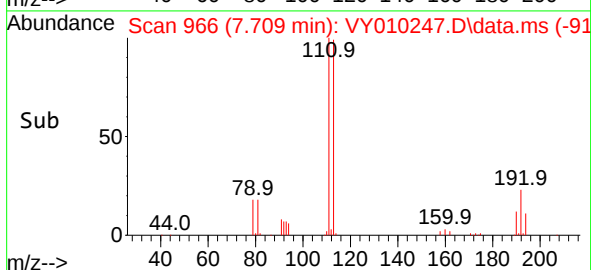
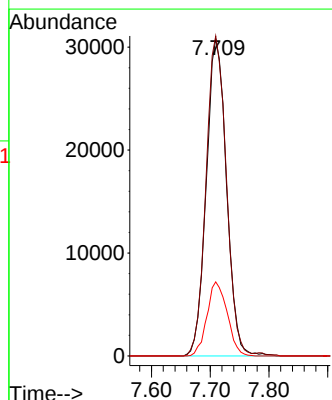
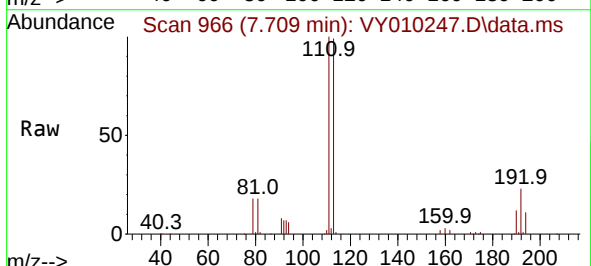
Tgt Ion:113 Resp: 73702

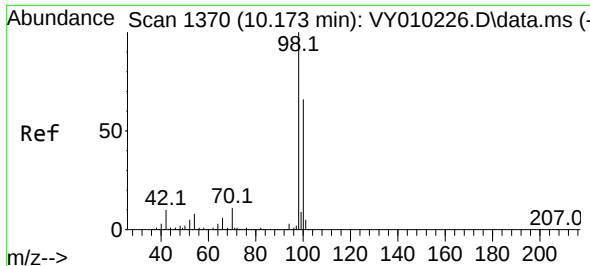
Ion Ratio Lower Upper

113 100

111 101.1 82.6 124.0

192 23.4 17.6 26.4

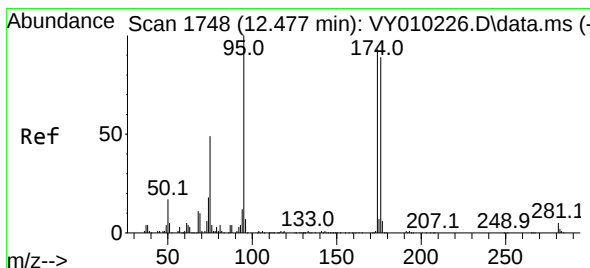
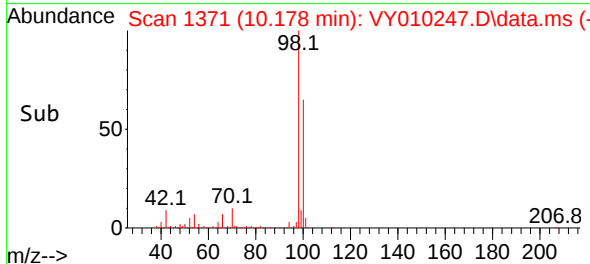
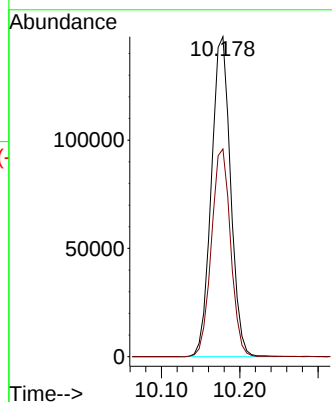
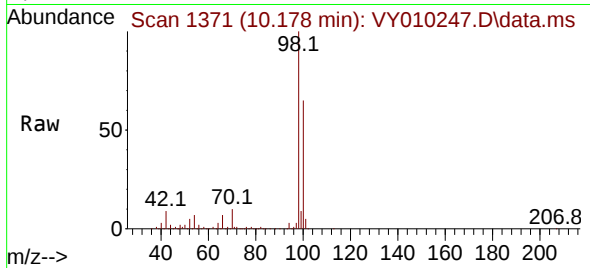




#50
Toluene-d8
Concen: 51.867 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010247.D
Acq: 31 Aug 2022 15:54

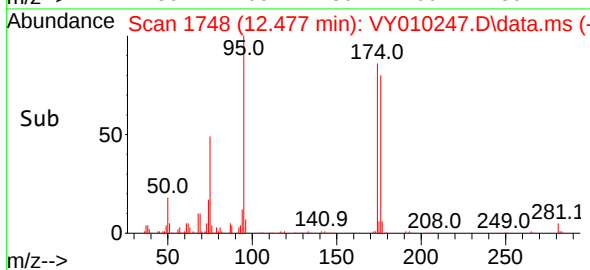
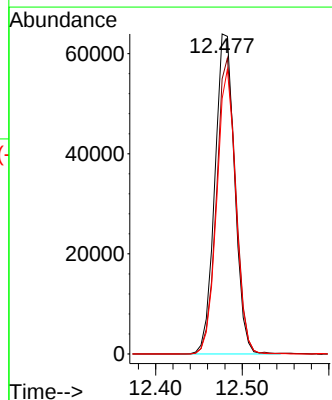
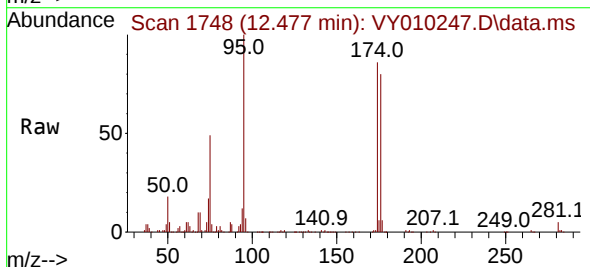
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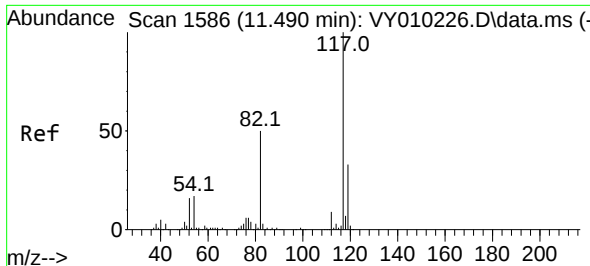
Tgt Ion: 98 Resp: 251424
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 55.860 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010247.D
Acq: 31 Aug 2022 15:54

Tgt Ion: 95 Resp: 101347
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 86.2 0.0 175.8

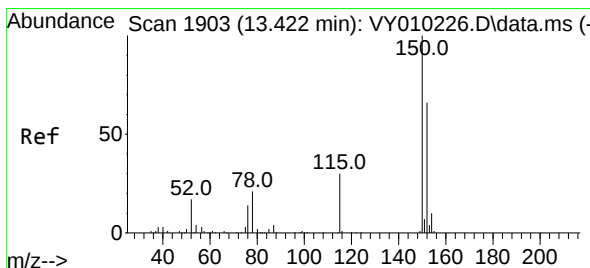
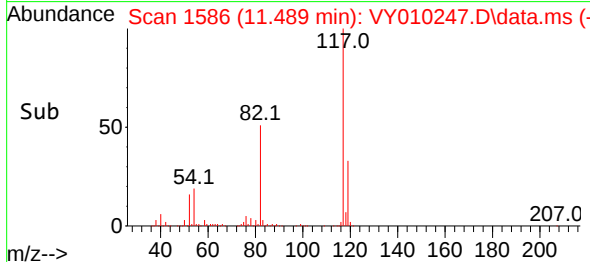
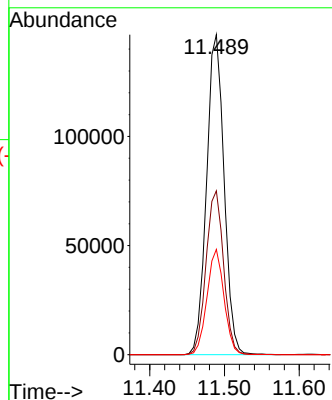
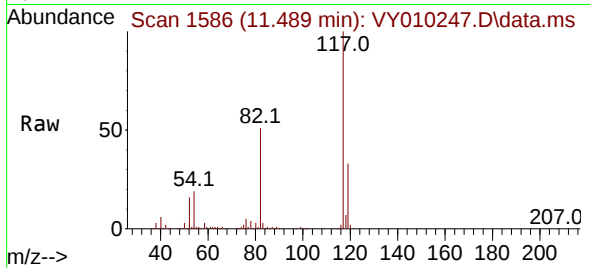




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010247.D
Acq: 31 Aug 2022 15:54

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 238499
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 32.9 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: VY010247.D
Acq: 31 Aug 2022 15:54

Tgt Ion:152 Resp: 99880
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.7
150 154.0 0.0 347.6

