

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009743.D
 Acq On : 28 Jul 2022 12:07
 Operator : KP/MD
 Sample : N3918-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-07-26-2022

Quant Time: Jul 29 02:55:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

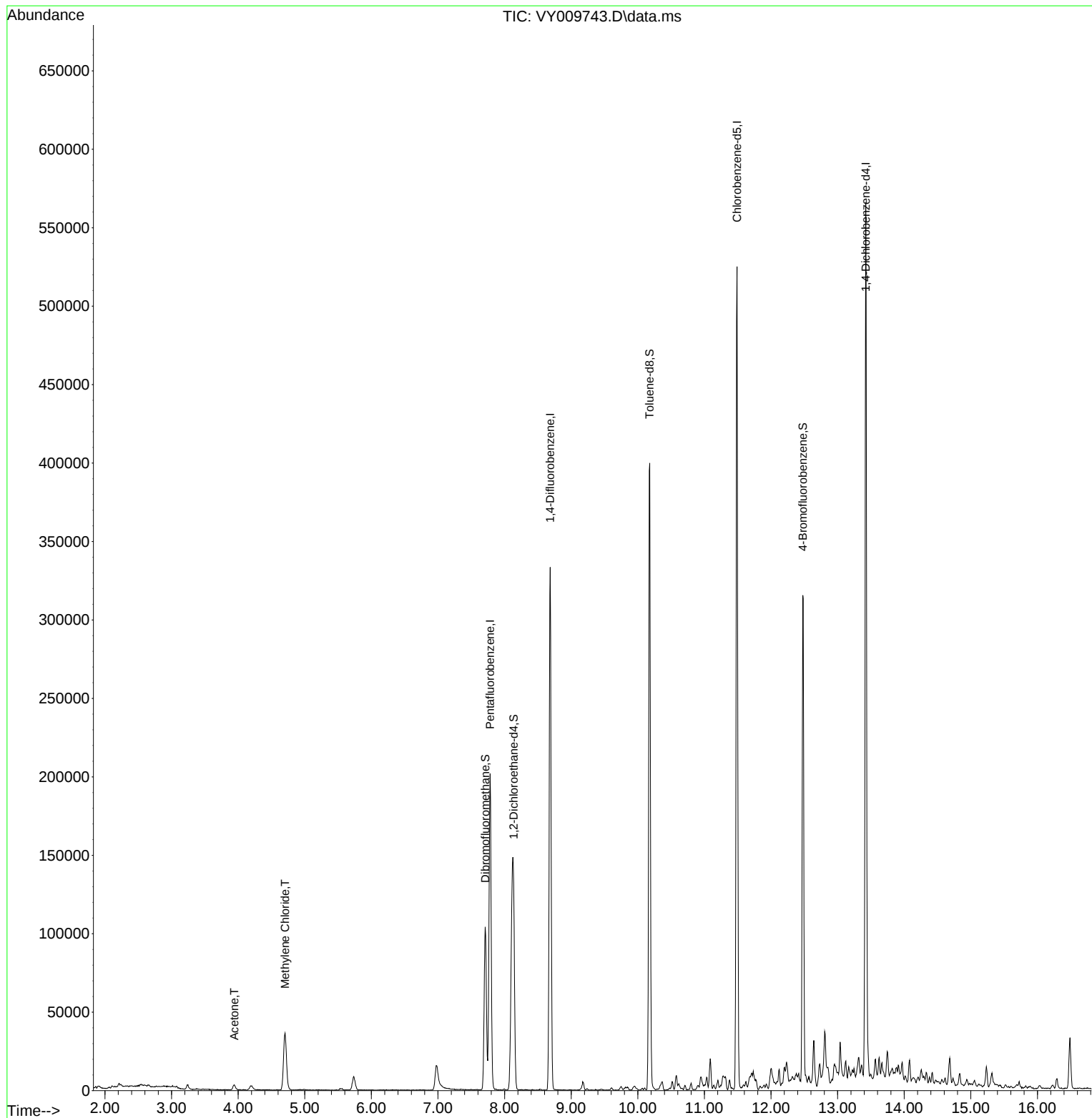
Internal Standards						
1) Pentafluorobenzene	7.783	168	165354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	301499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	297458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76615	71.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.740%	
35) Dibromofluoromethane	7.710	113	73813	45.014	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.020%	
50) Toluene-d8	10.179	98	267015	56.460	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 112.920%	
62) 4-Bromofluorobenzene	12.477	95	91731	42.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 84.380%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	5769	14.592	ug/l	96
20) Methylene Chloride	4.704	84	28311	6.491	ug/l	86

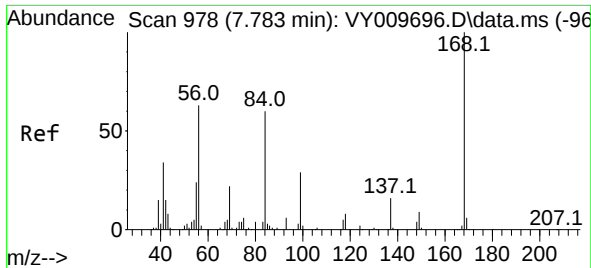
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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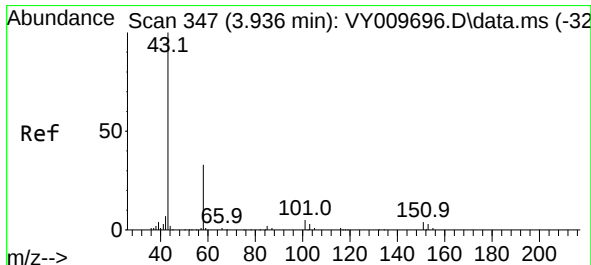
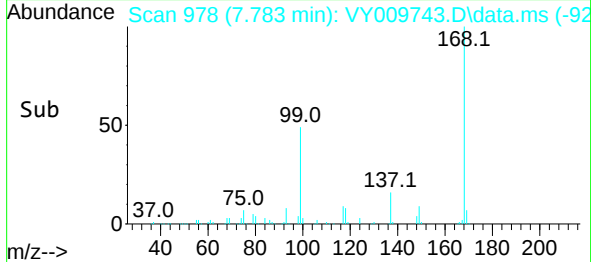
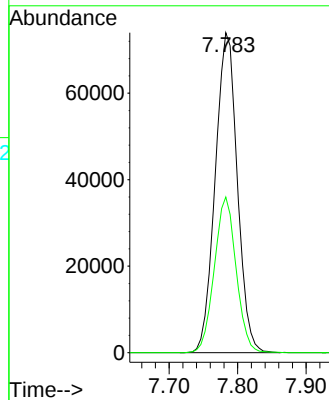
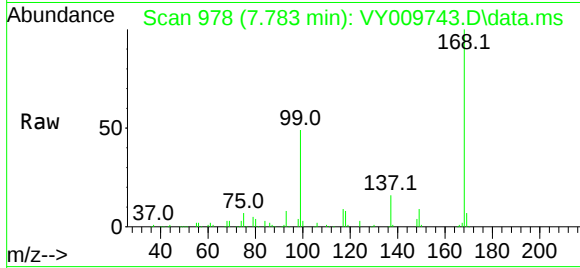




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

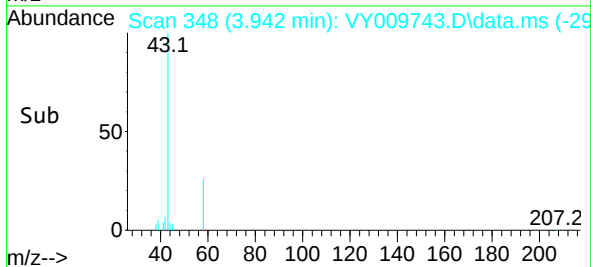
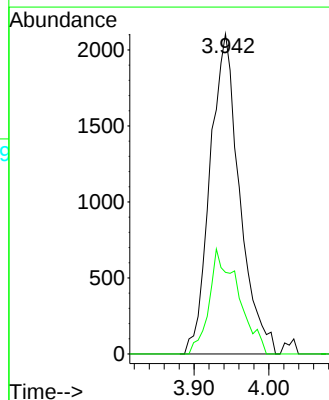
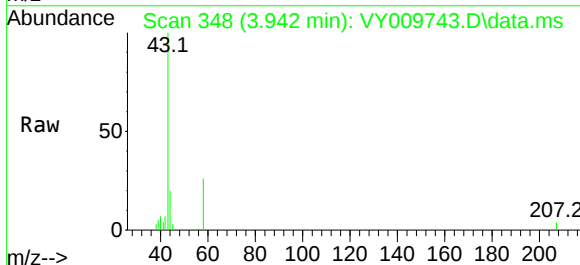
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-07-26-2022

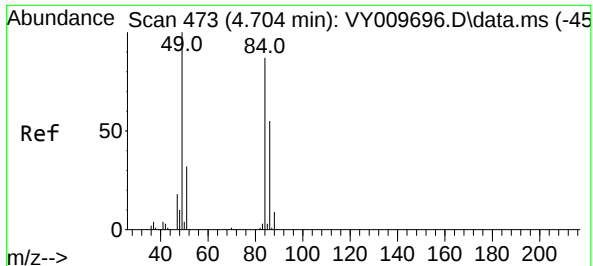
Tgt Ion:168 Resp: 165354
Ion Ratio Lower Upper
168 100
99 48.7 46.9 70.3



#16
Acetone
Concen: 14.592 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

Tgt Ion: 43 Resp: 5769
Ion Ratio Lower Upper
43 100
58 25.5 22.0 33.0





#20

Methylene Chloride

Concen: 6.491 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY009743.D

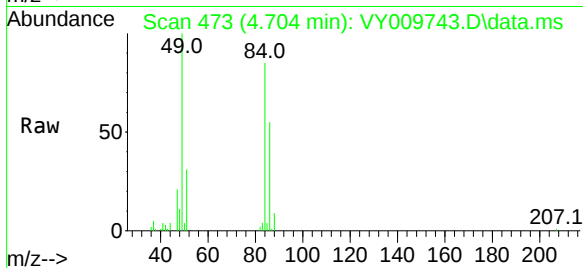
Acq: 28 Jul 2022 12:07

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-07-26-2022



Tgt Ion: 84 Resp: 28311

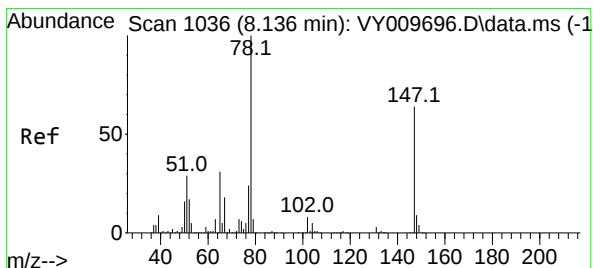
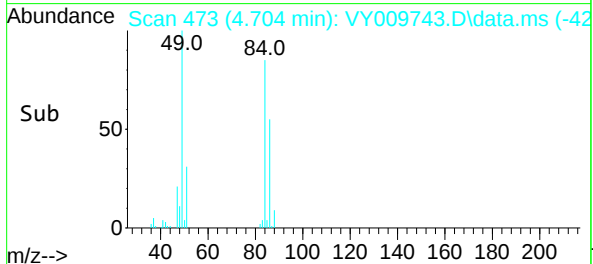
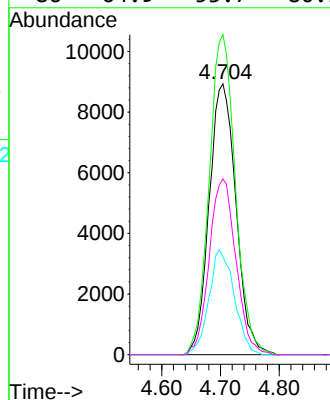
Ion Ratio Lower Upper

84 100

49 118.1 114.4 171.6

51 36.1 35.3 52.9

86 64.9 53.7 80.5



#33

1,2-Dichloroethane-d4

Concen: 71.870 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009743.D

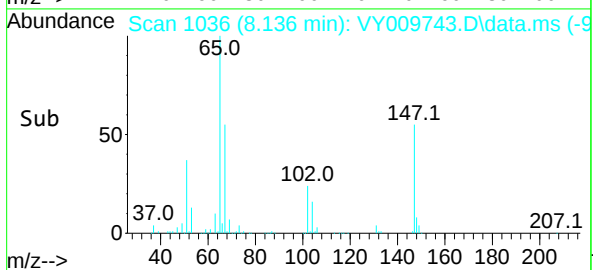
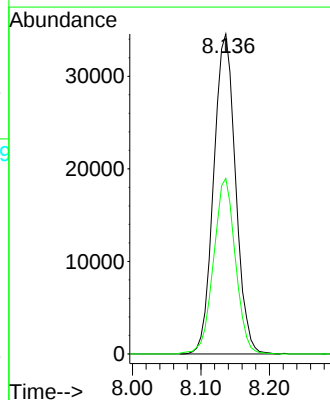
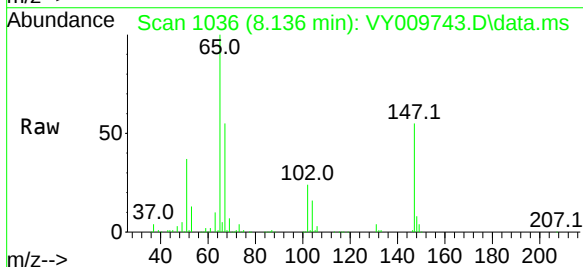
Acq: 28 Jul 2022 12:07

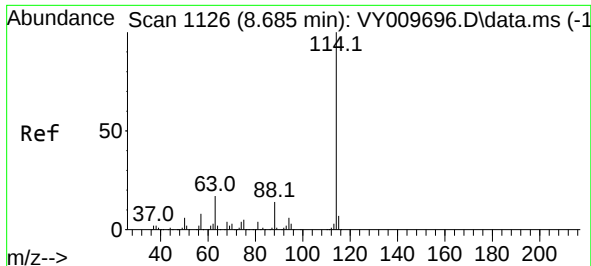
Tgt Ion: 65 Resp: 76615

Ion Ratio Lower Upper

65 100

67 54.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009743.D

Acq: 28 Jul 2022 12:07

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-07-26-2022

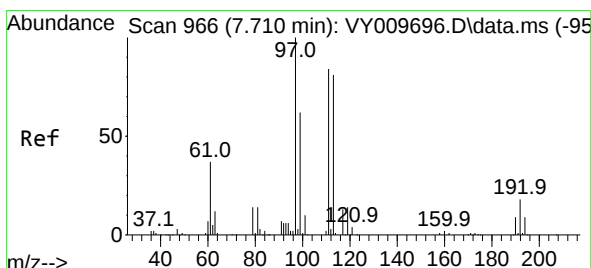
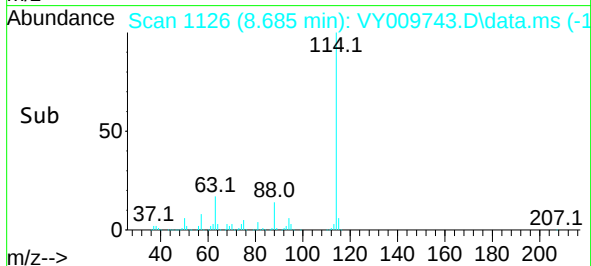
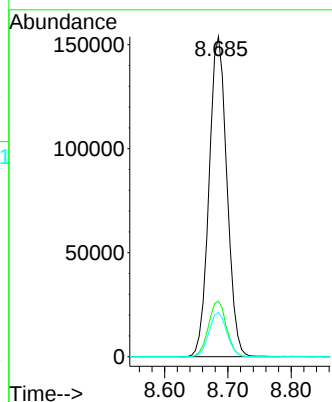
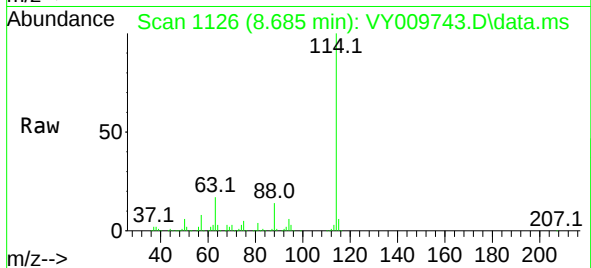
Tgt Ion:114 Resp: 301499

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.014 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009743.D

Acq: 28 Jul 2022 12:07

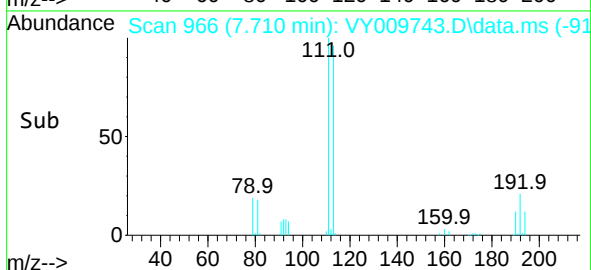
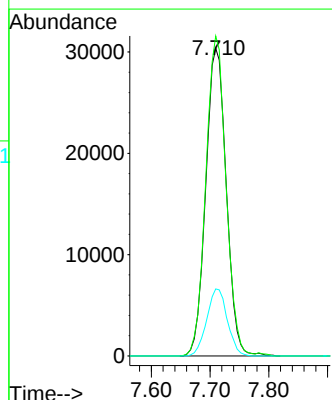
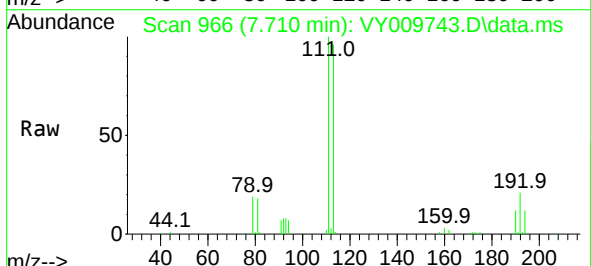
Tgt Ion:113 Resp: 73813

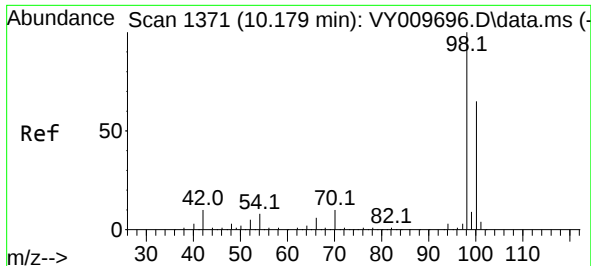
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 21.8 17.6 26.4

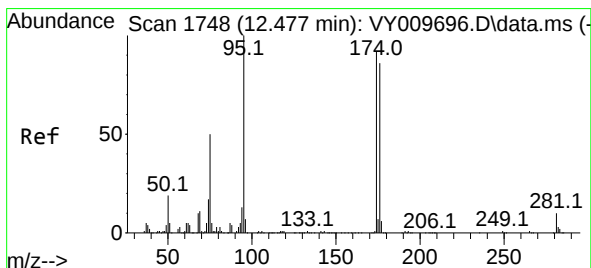
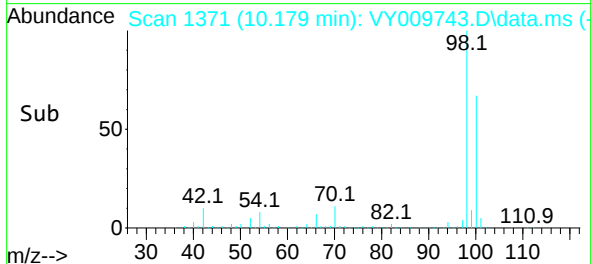
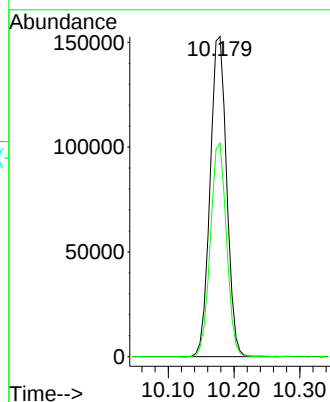
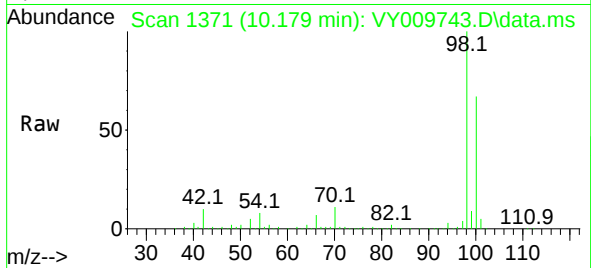




#50
Toluene-d8
Concen: 56.460 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

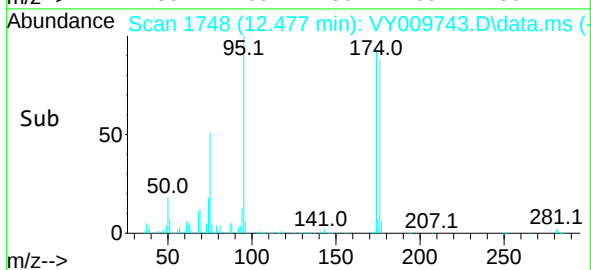
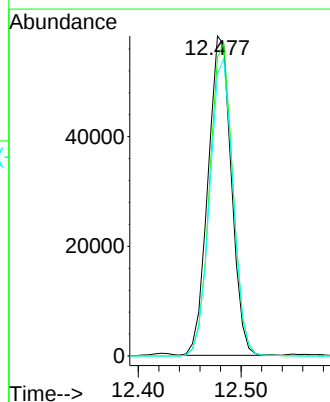
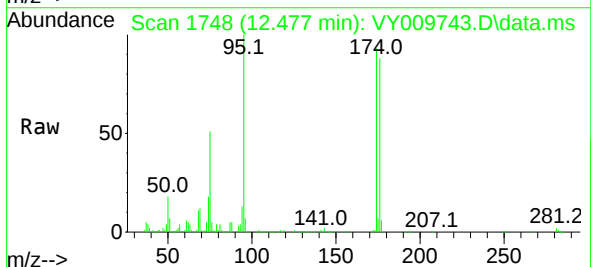
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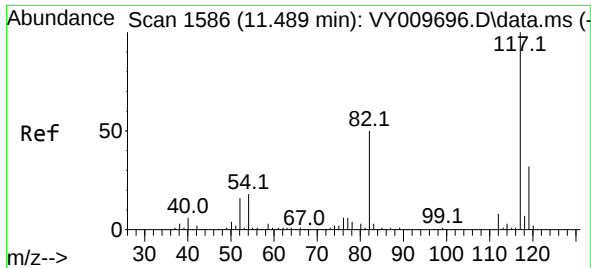
Tgt Ion: 98 Resp: 267015
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.189 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

Tgt Ion: 95 Resp: 91731
Ion Ratio Lower Upper
95 100
174 97.1 0.0 177.0
176 93.0 0.0 175.8

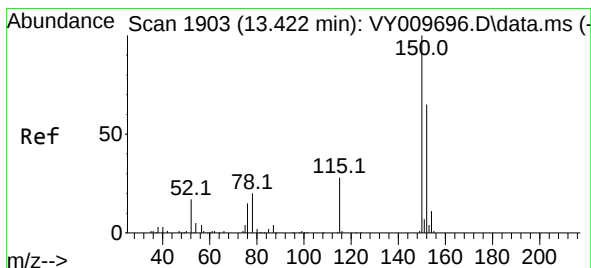
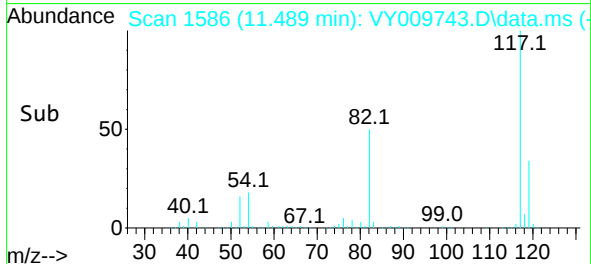
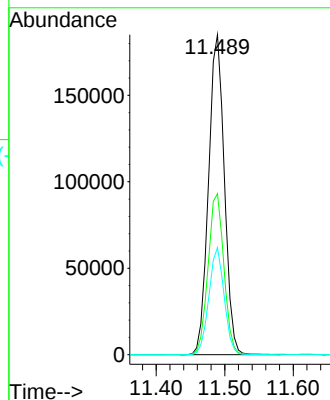
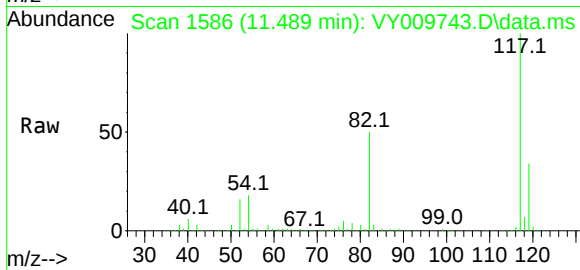




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-07-26-2022

Tgt Ion:117 Resp: 297458
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 33.5 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: VY009743.D
Acq: 28 Jul 2022 12:07

Tgt Ion:152 Resp: 147418
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.7
150 157.3 0.0 347.6

