

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102522\
 Data File : VY011100.D
 Acq On : 25 Oct 2022 17:35
 Operator : KP/MD
 Sample : N5268-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-102422

Quant Time: Oct 26 09:01:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

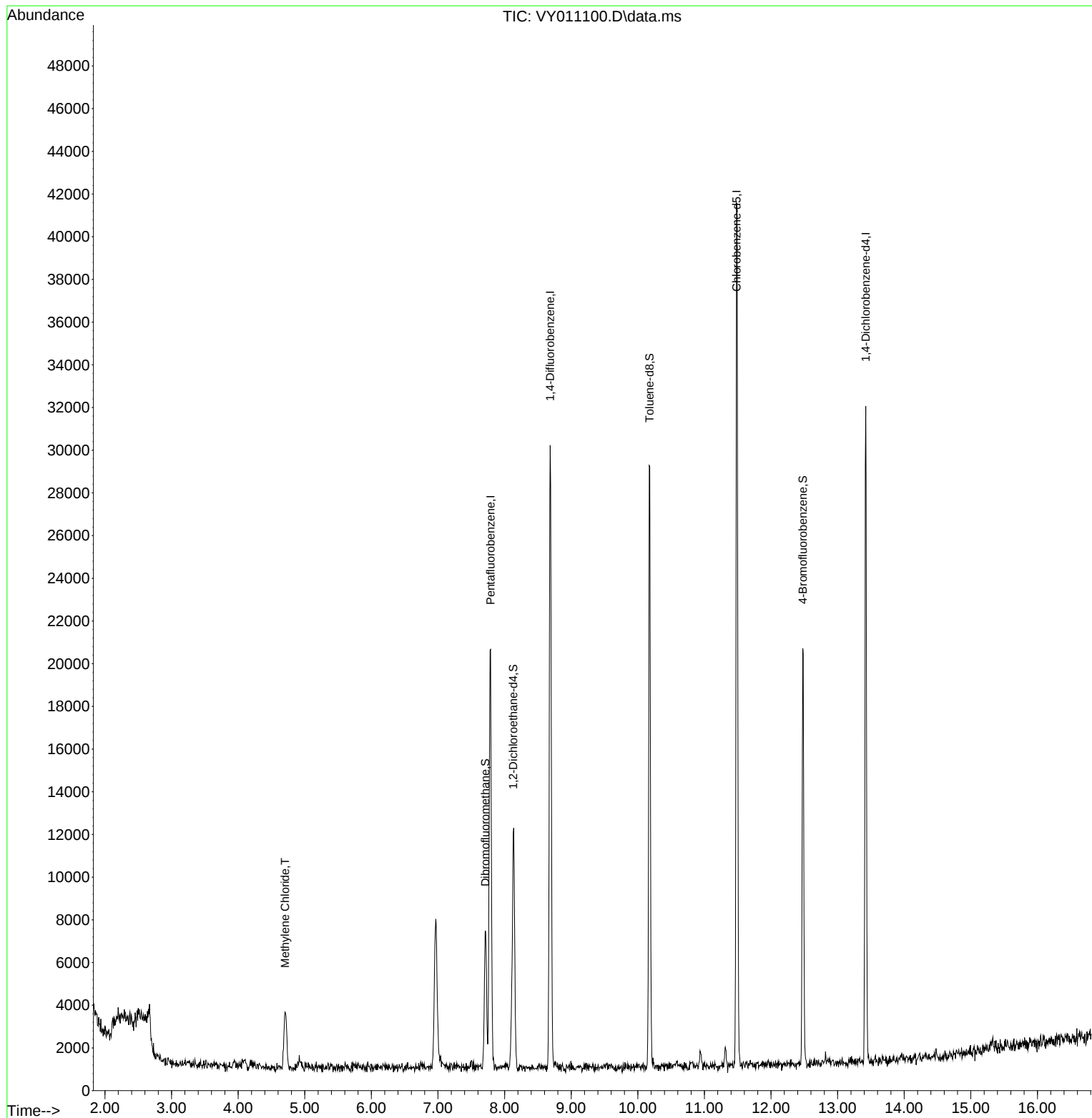
Internal Standards						
1) Pentafluorobenzene	7.789	168	16303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	27534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	24563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	8014	53.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.720%
35) Dibromofluoromethane	7.710	113	4880	30.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.960%
50) Toluene-d8	10.179	98	20080	34.927	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	69.860%
62) 4-Bromofluorobenzene	12.477	95	6483	30.645	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.280%
Target Compounds						
20) Methylene Chloride	4.704	84	2051	5.121	ug/l	Qvalue # 82

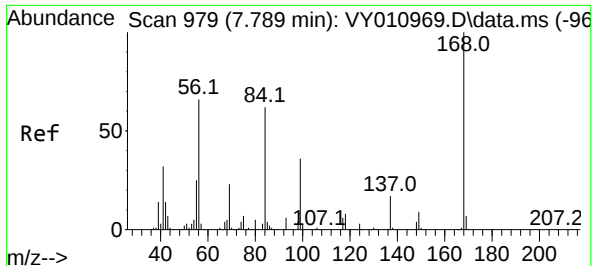
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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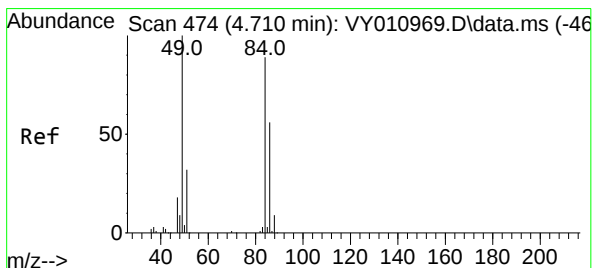
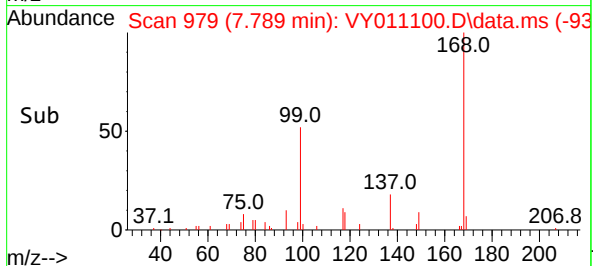
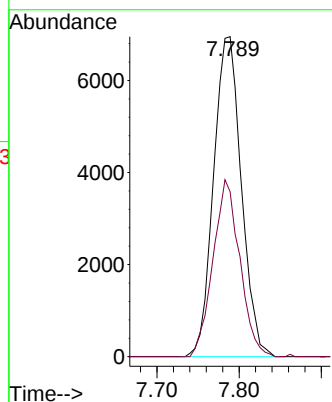
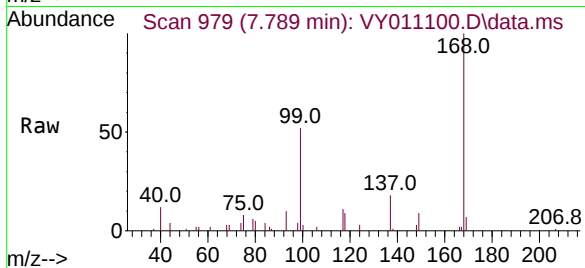




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011100.D
Acq: 25 Oct 2022 17:35

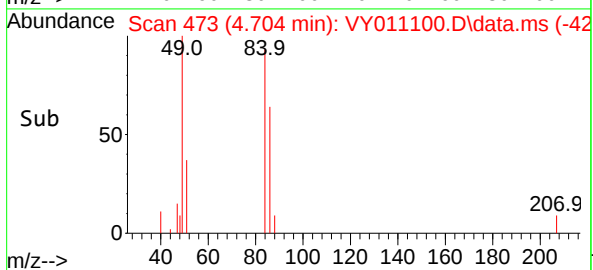
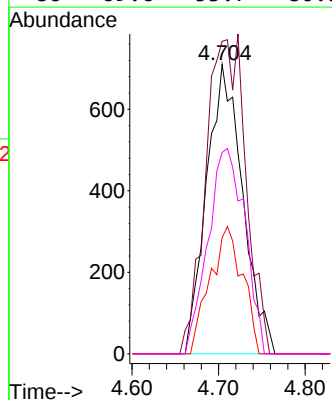
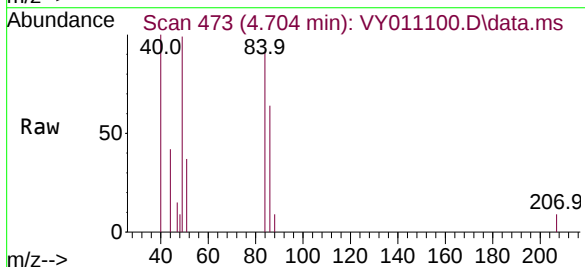
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-102422

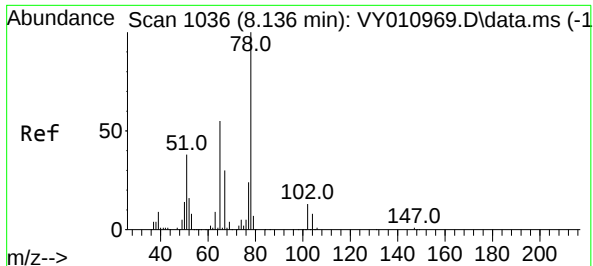
Tgt Ion:168 Resp: 16303
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#20
Methylene Chloride
Concen: 5.121 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY011100.D
Acq: 25 Oct 2022 17:35

Tgt Ion: 84 Resp: 2051
Ion Ratio Lower Upper
84 100
49 108.0 114.4 171.6#
51 40.1 35.3 52.9
86 69.6 53.7 80.5

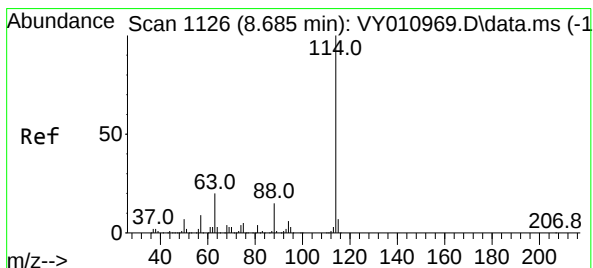
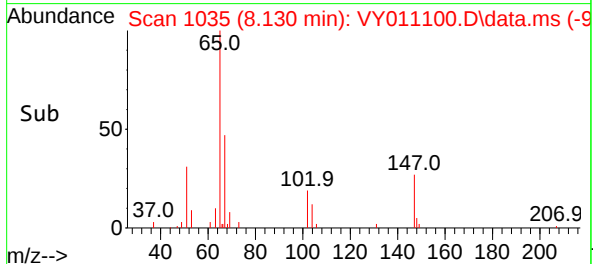
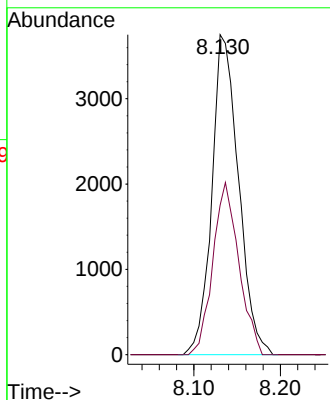
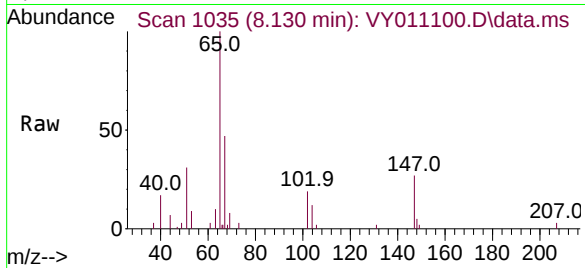




#33
 1,2-Dichloroethane-d4
 Concen: 53.365 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY011100.D
 Acq: 25 Oct 2022 17:35

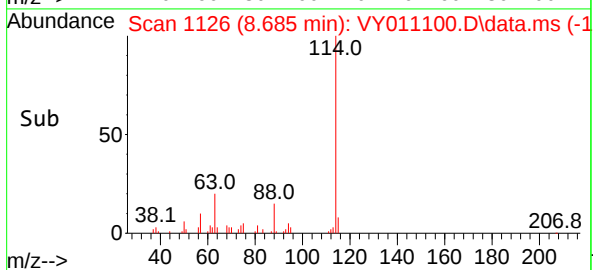
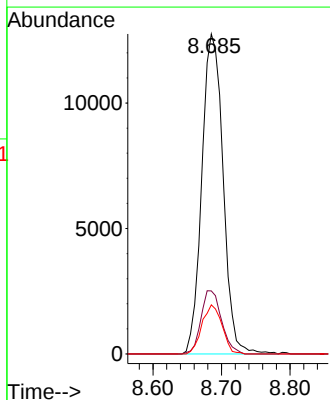
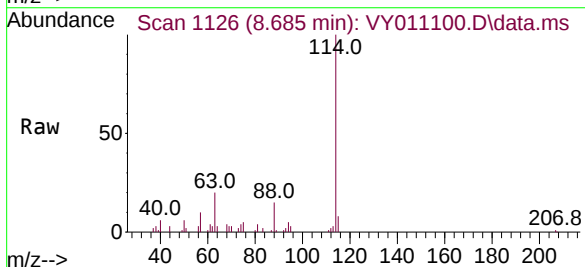
Instrument :
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 ClientSampleId :
 OK-03-102422

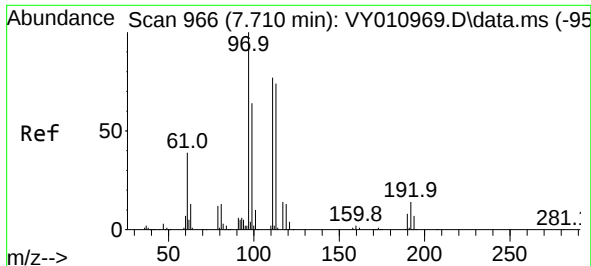
Tgt Ion: 65 Resp: 8014
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY011100.D
 Acq: 25 Oct 2022 17:35

Tgt Ion: 114 Resp: 27534
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.2
 88 15.3 0.0 31.8

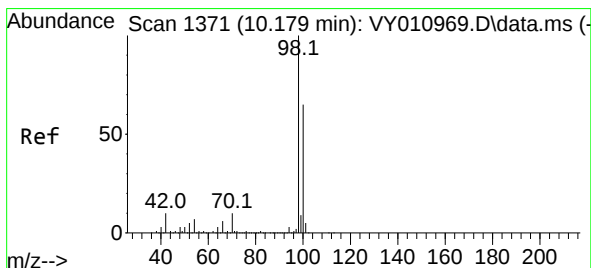
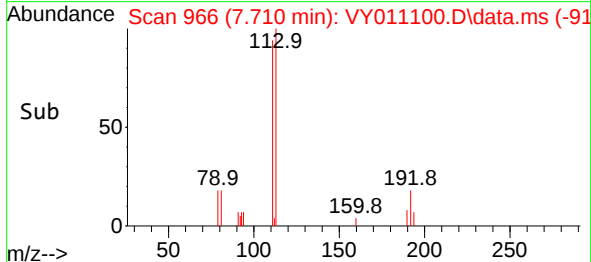
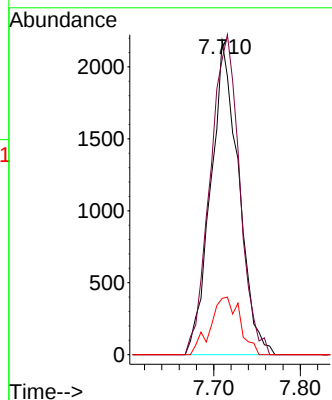
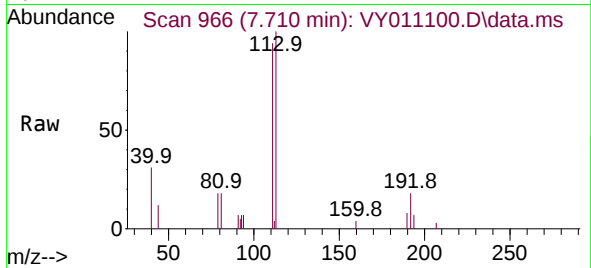




#35
Dibromofluoromethane
Concen: 30.975 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011100.D
Acq: 25 Oct 2022 17:35

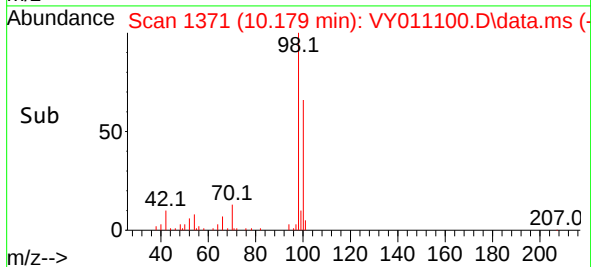
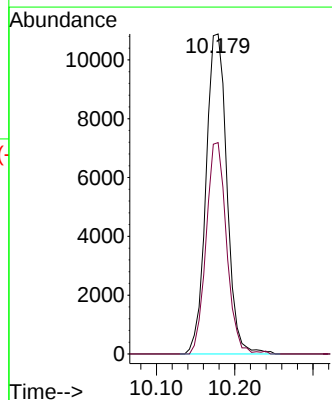
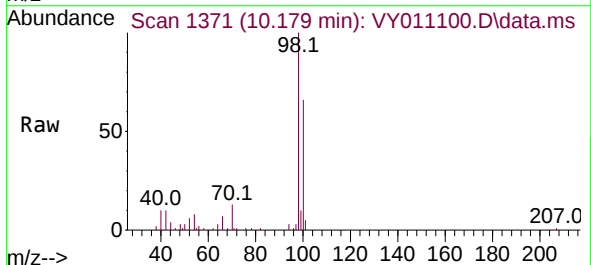
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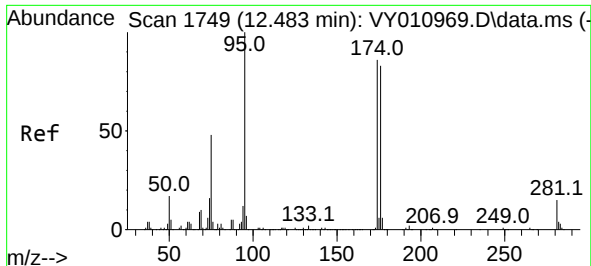
Tgt Ion:113 Resp: 4880
Ion Ratio Lower Upper
113 100
111 107.3 82.6 124.0
192 19.3 17.6 26.4



#50
Toluene-d8
Concen: 34.927 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011100.D
Acq: 25 Oct 2022 17:35

Tgt Ion: 98 Resp: 20080
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

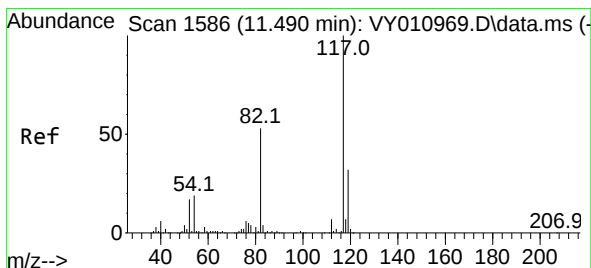
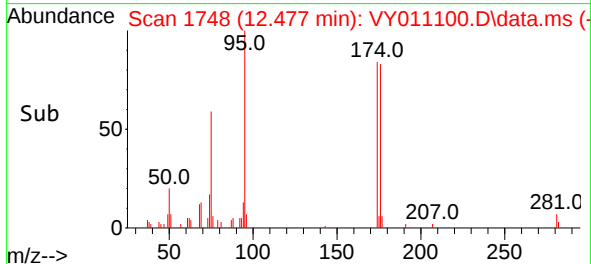
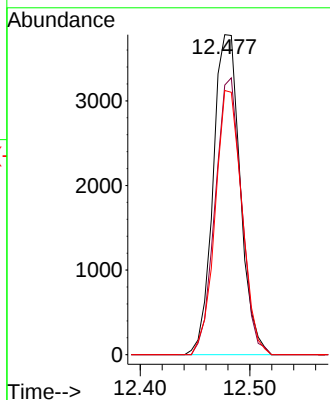
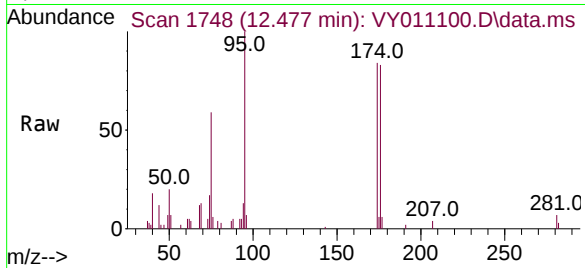




#62
4-Bromofluorobenzene
Concen: 30.645 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011100.D
Acq: 25 Oct 2022 17:35

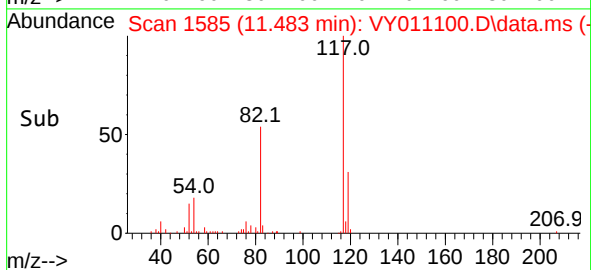
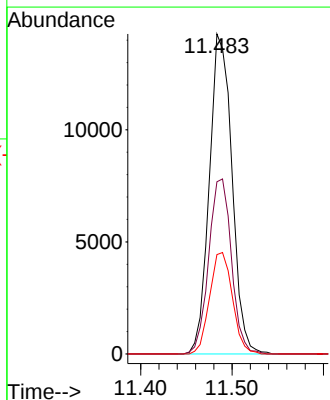
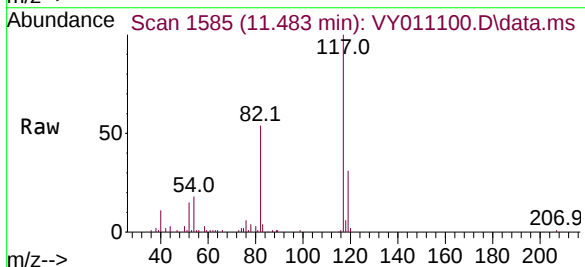
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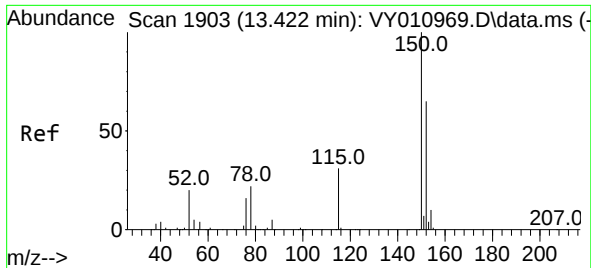
Tgt Ion: 95 Resp: 6483
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 81.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY011100.D
Acq: 25 Oct 2022 17:35

Tgt Ion: 117 Resp: 24563
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 31.0 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: VY011100.D

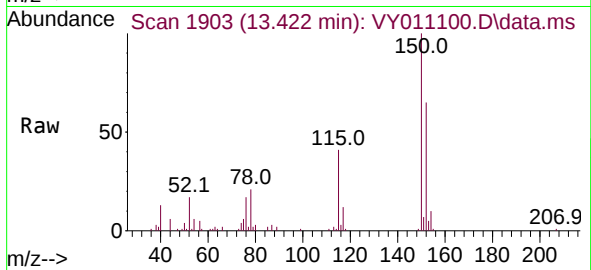
Acq: 25 Oct 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-102422



Tgt Ion:152 Resp: 8674

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 155.5 0.0 347.6

