

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009775.D
 Acq On : 29 Jul 2022 16:16
 Operator : KP/MD
 Sample : N3923-01RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-072722RE

Quant Time: Aug 01 01:14:16 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)

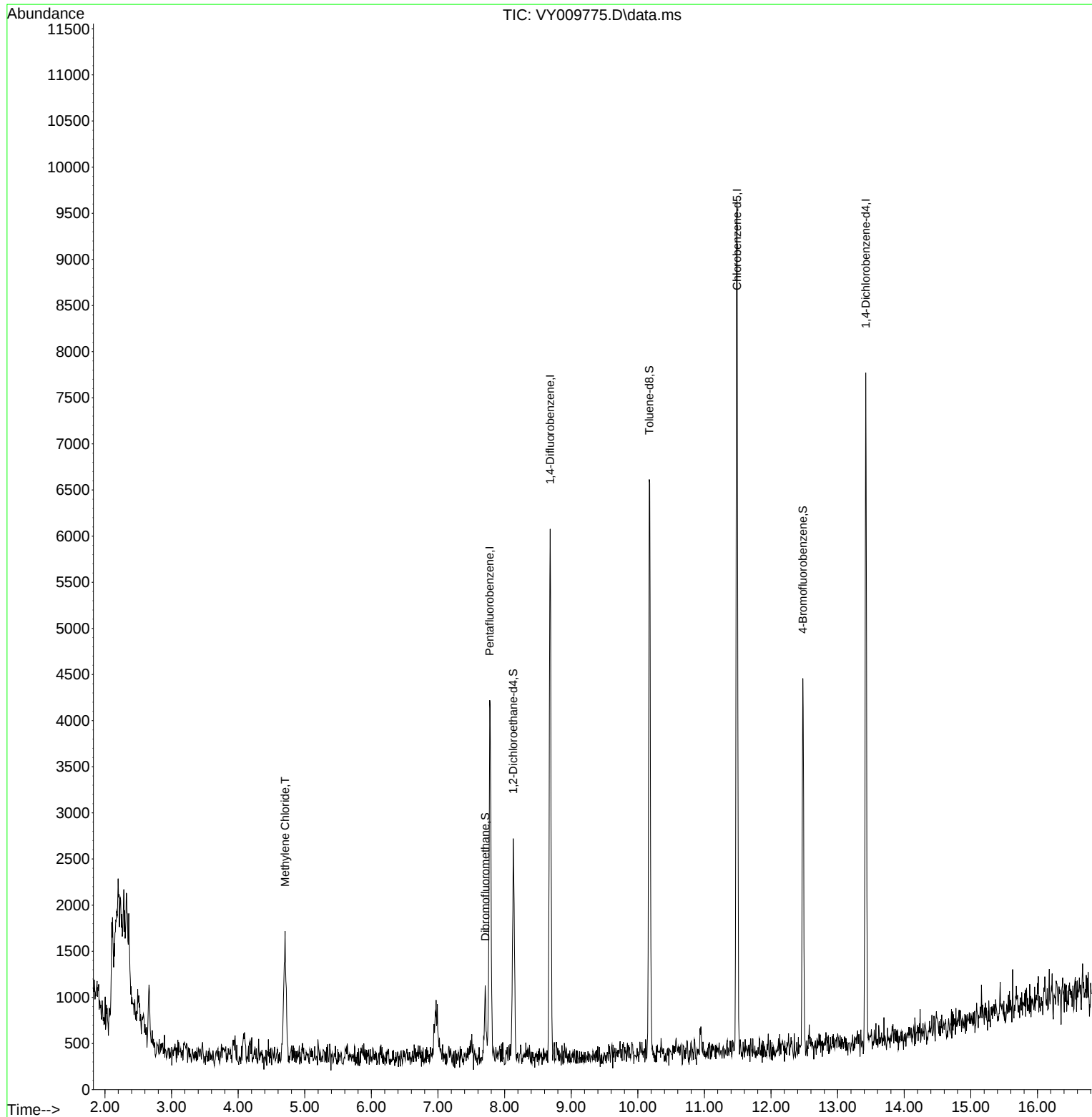
Internal Standards						
1) Pentafluorobenzene	7.777	168	3422	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	5374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1726	78.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.500%
35) Dibromofluoromethane	7.710	113	510	17.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	34.900%#
50) Toluene-d8	10.173	98	4787	56.815	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	113.640%
62) 4-Bromofluorobenzene	12.477	95	1305	33.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	67.340%
Target Compounds						
20) Methylene Chloride	4.704	84	1034	20.639	ug/l	# 90

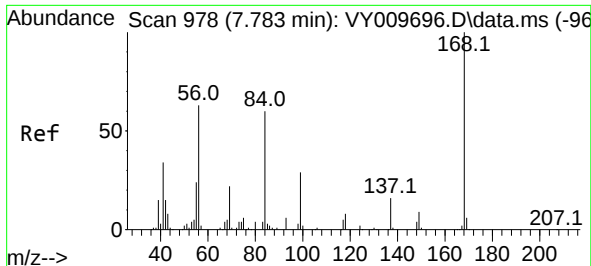
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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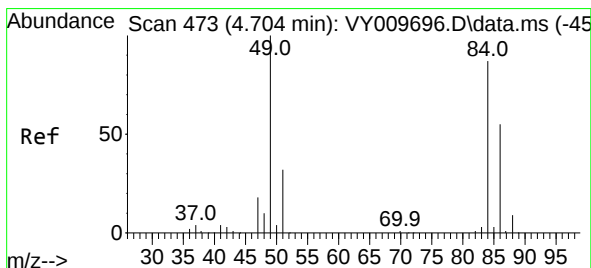
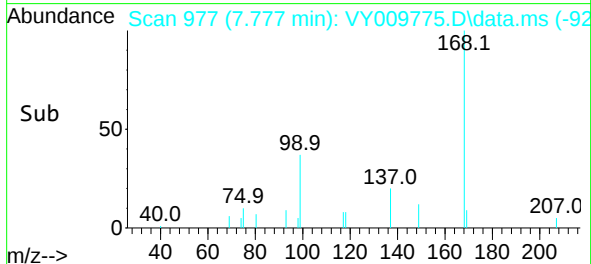
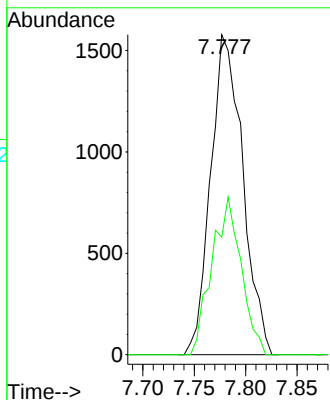
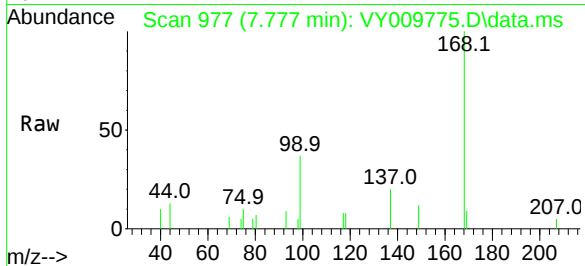




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

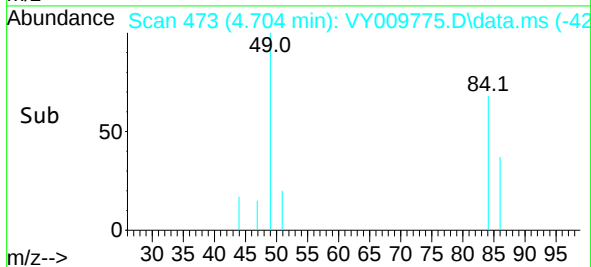
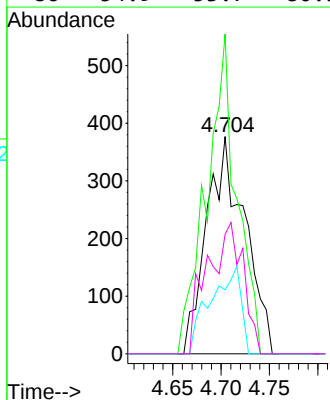
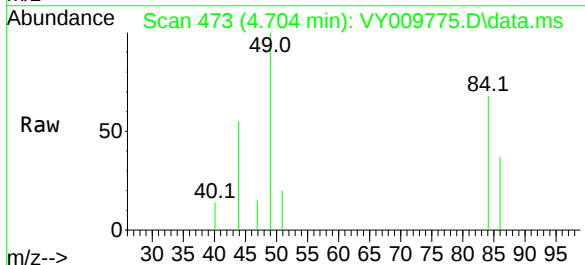
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-072722RE

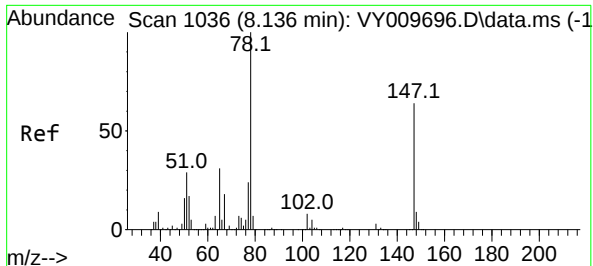
Tgt Ion:168 Resp: 3422
Ion Ratio Lower Upper
168 100
99 36.8 46.9 70.3#



#20
Methylene Chloride
Concen: 20.639 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

Tgt Ion: 84 Resp: 1034
Ion Ratio Lower Upper
84 100
49 147.2 114.4 171.6
51 29.4 35.3 52.9#
86 54.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 78.746 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009775.D

Acq: 29 Jul 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

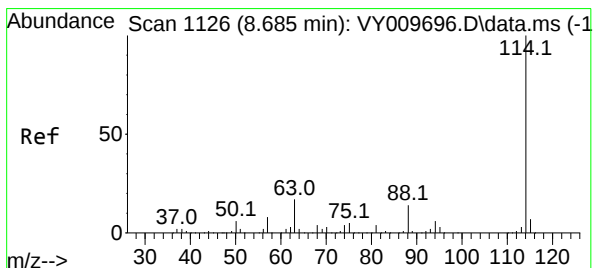
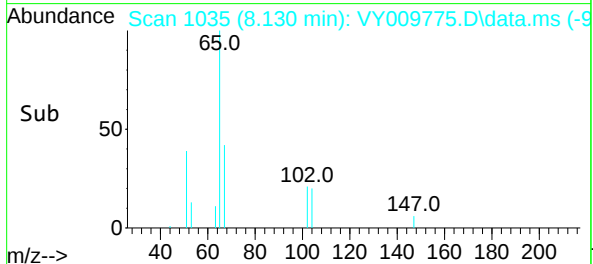
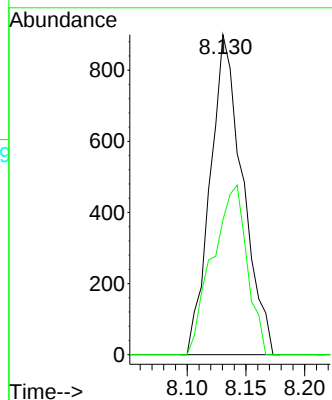
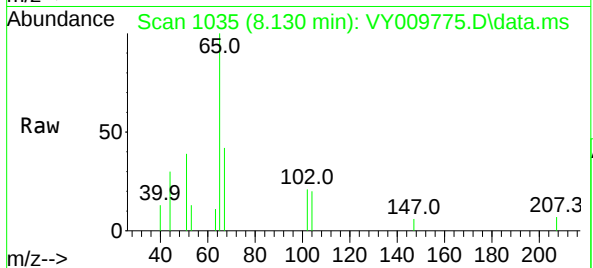
OK-03-072722RE

Tgt Ion: 65 Resp: 1726

Ion Ratio Lower Upper

65 100

67 56.4 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: VY009775.D

Acq: 29 Jul 2022 16:16

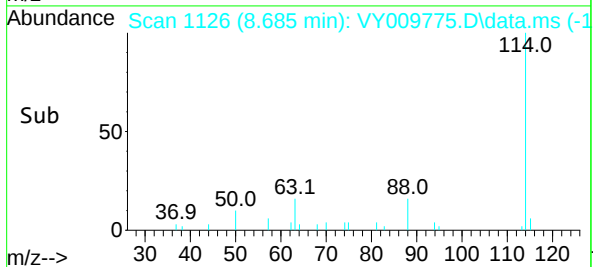
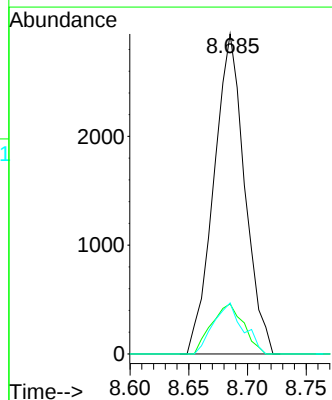
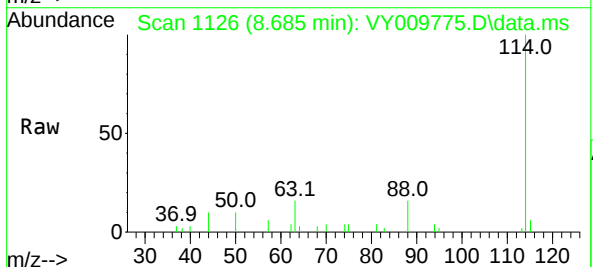
Tgt Ion: 114 Resp: 5374

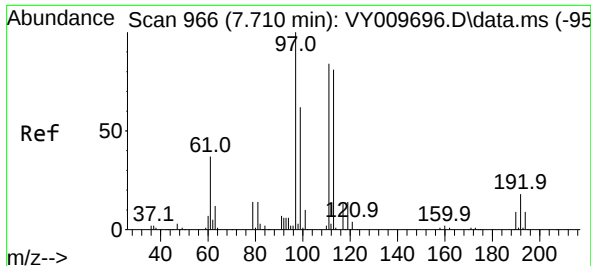
Ion Ratio Lower Upper

114 100

63 15.7 0.0 43.2

88 15.9 0.0 31.8

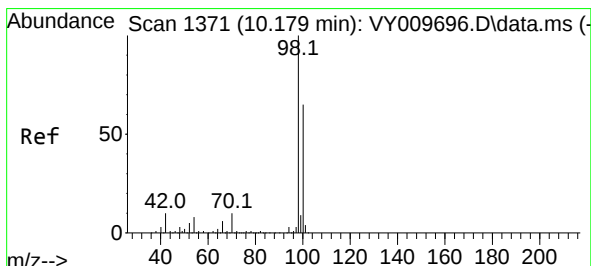
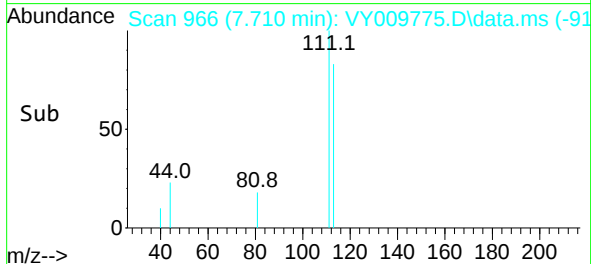
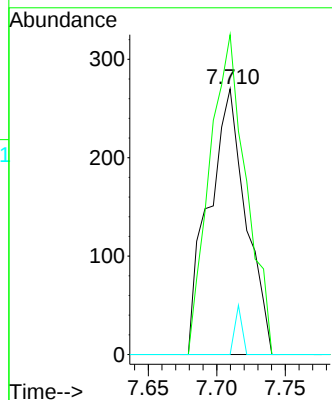
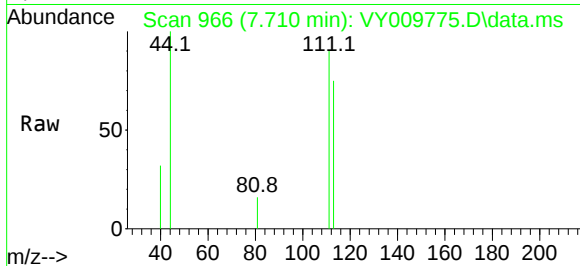




#35
Dibromofluoromethane
Concen: 17.449 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

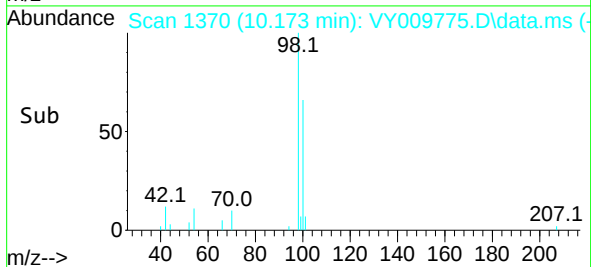
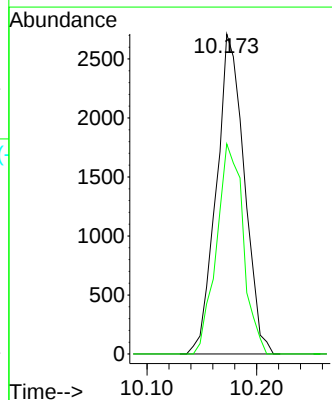
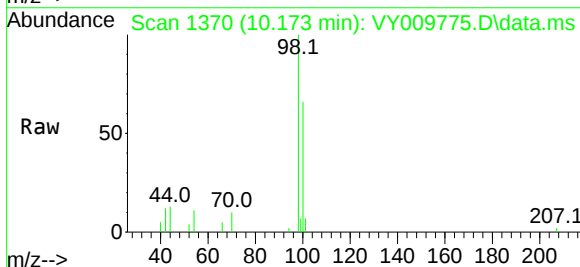
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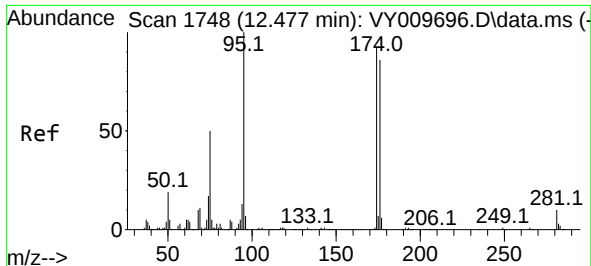
Tgt Ion:113 Resp: 510
Ion Ratio Lower Upper
113 100
111 118.0 82.6 124.0
192 3.5 17.6 26.4#



#50
Toluene-d8
Concen: 56.815 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

Tgt Ion: 98 Resp: 4787
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2

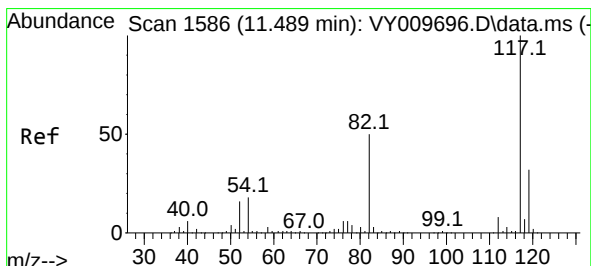
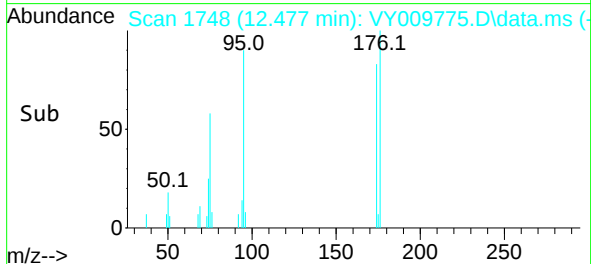
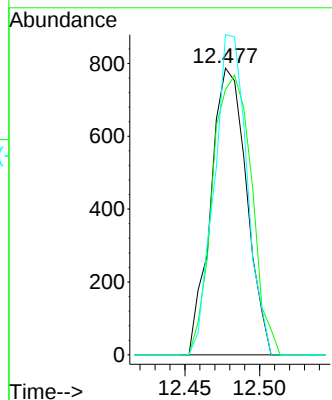
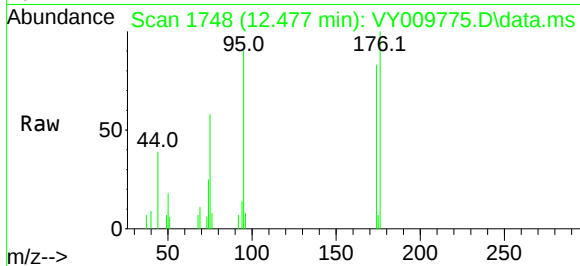




#62
4-Bromofluorobenzene
Concen: 33.673 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

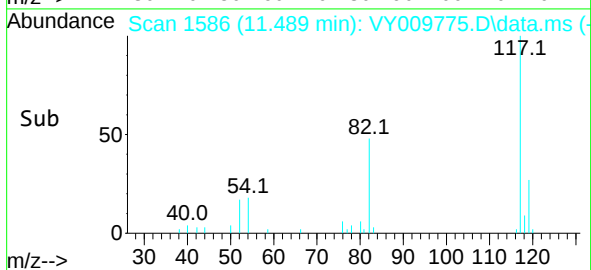
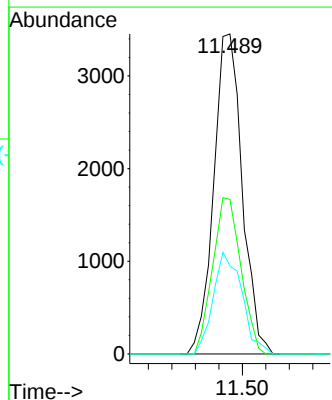
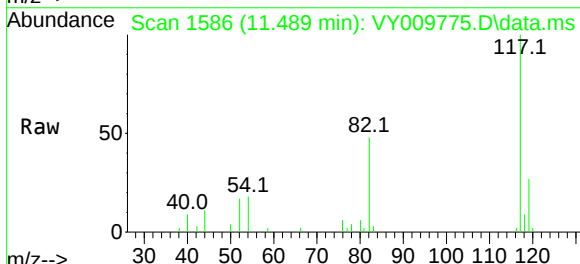
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-072722RE

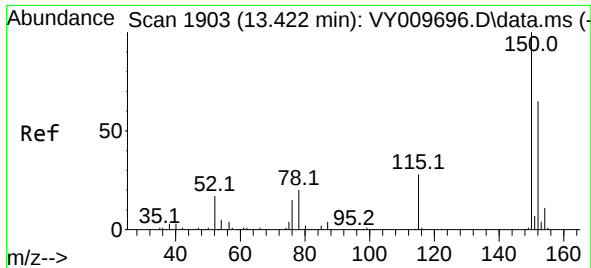
Tgt Ion: 95 Resp: 1305
Ion Ratio Lower Upper
95 100
174 106.8 0.0 177.0
176 102.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

Tgt Ion: 117 Resp: 5812
Ion Ratio Lower Upper
117 100
82 48.3 43.0 64.4
119 27.5 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: VY009775.D

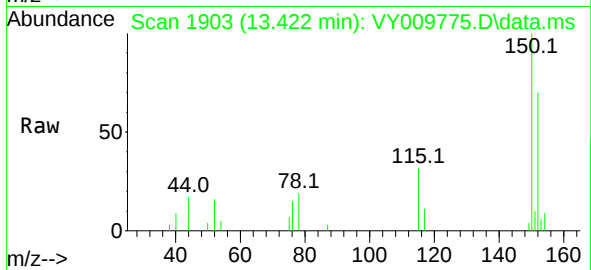
Acq: 29 Jul 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-072722RE



Tgt Ion:152 Resp: 2396

Ion Ratio Lower Upper

152 100

115 46.1 28.2 84.7

150 145.9 0.0 347.6

