

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042926.D
 Acq On : 07 Aug 2024 19:18
 Operator : JC/MD
 Sample : P3464-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOPSOIL

Quant Time: Aug 08 02:06:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

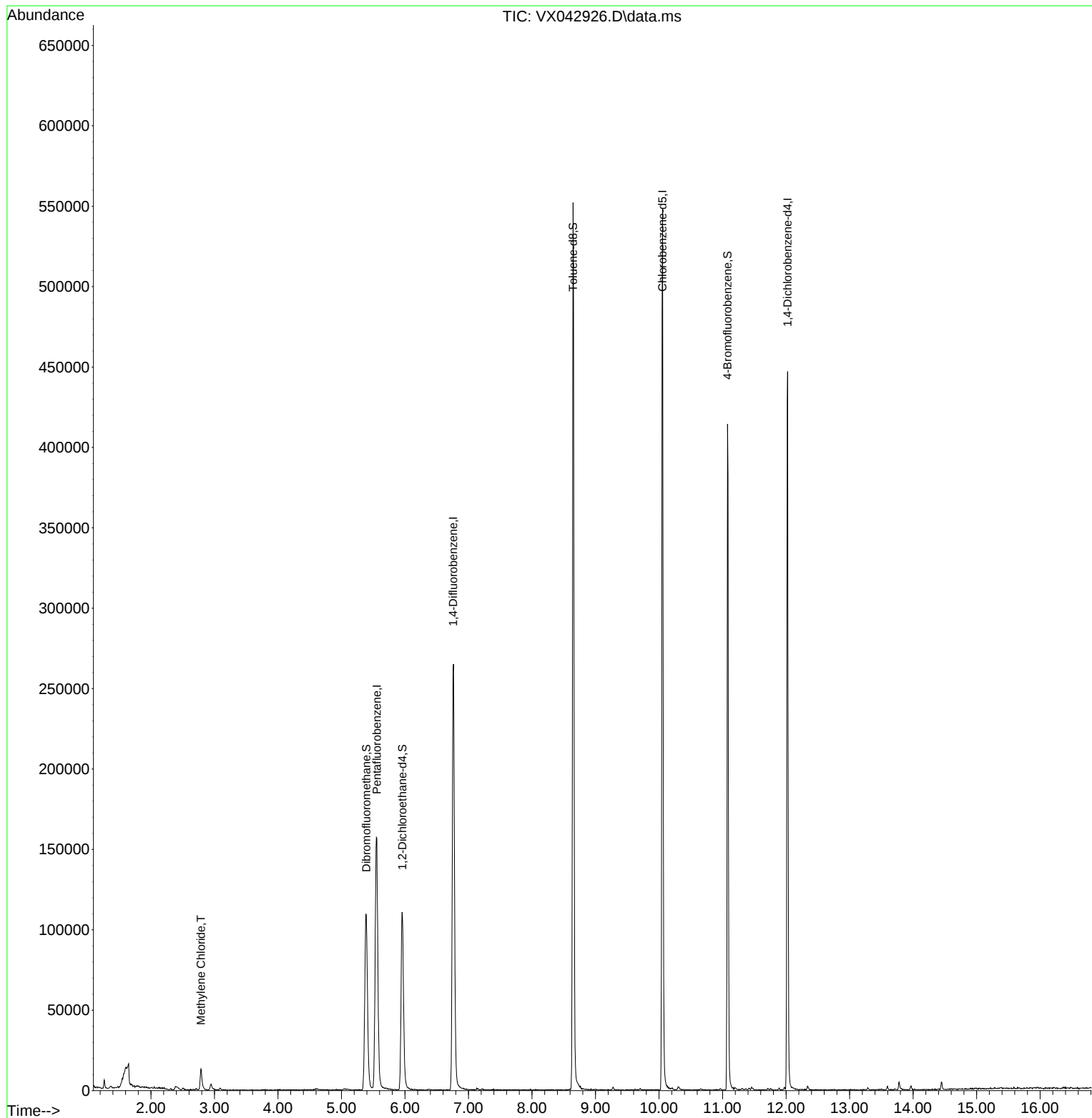
Internal Standards						
1) Pentafluorobenzene	5.556	168	153195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	283466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115308	54.829	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.660%	
35) Dibromofluoromethane	5.391	113	99079	53.457	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.920%	
50) Toluene-d8	8.646	98	334809	50.885	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.760%	
62) 4-Bromofluorobenzene	11.079	95	113936	48.188	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.380%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	6784	2.701	ug/l	# 85

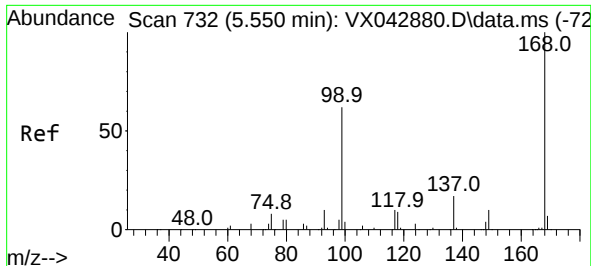
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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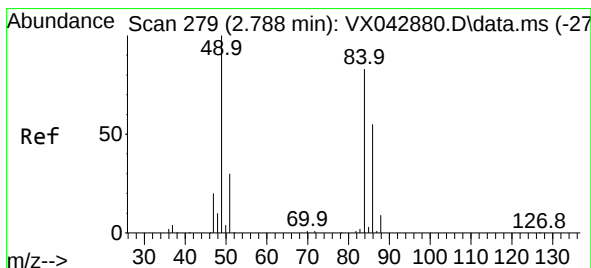
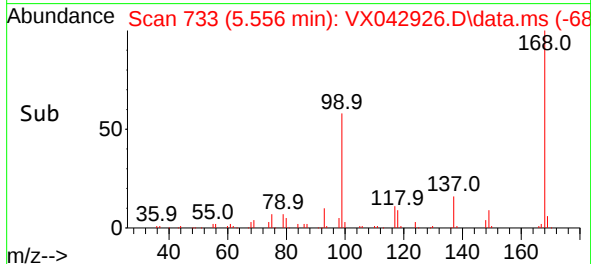
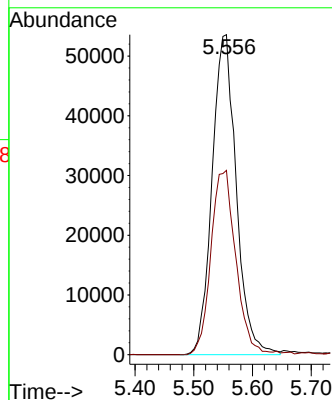
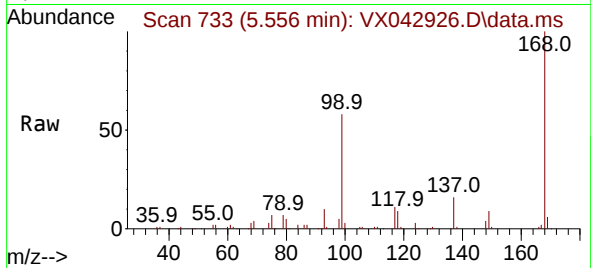




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX042926.D
Acq: 07 Aug 2024 19:18

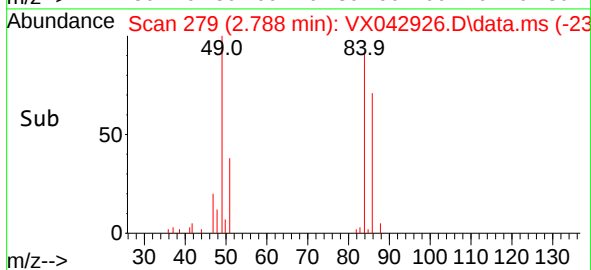
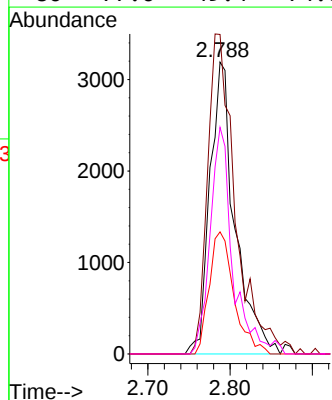
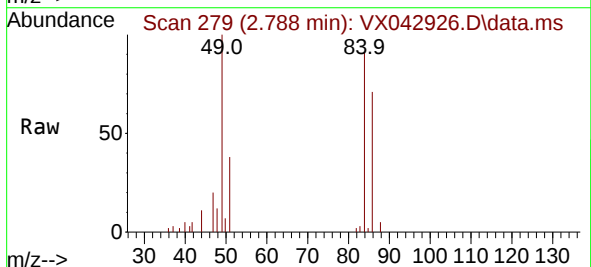
Instrument :
MSVOA_X
ClientSampleId :
TOPSOIL

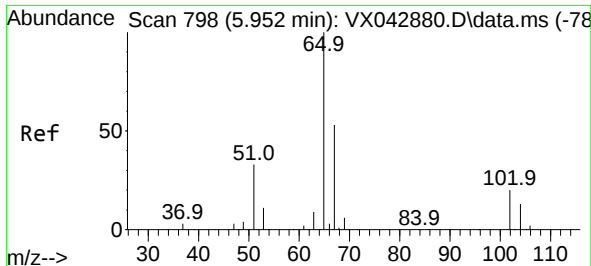
Tgt Ion:168 Resp: 153195
Ion Ratio Lower Upper
168 100
99 57.6 56.6 85.0



#20
Methylene Chloride
Concen: 2.701 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX042926.D
Acq: 07 Aug 2024 19:18

Tgt Ion: 84 Resp: 6784
Ion Ratio Lower Upper
84 100
49 109.4 103.6 155.4
51 41.8 33.8 50.6
86 77.6 49.4 74.0#





#33

1,2-Dichloroethane-d4

Concen: 54.829 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042926.D

Acq: 07 Aug 2024 19:18

Instrument :

MSVOA_X

ClientSampleId :

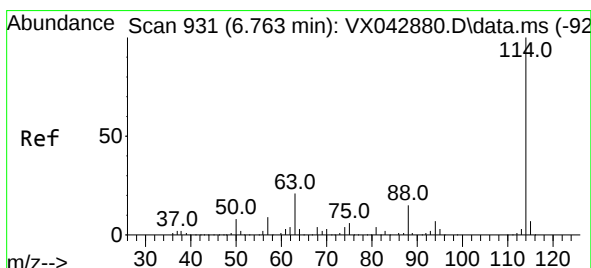
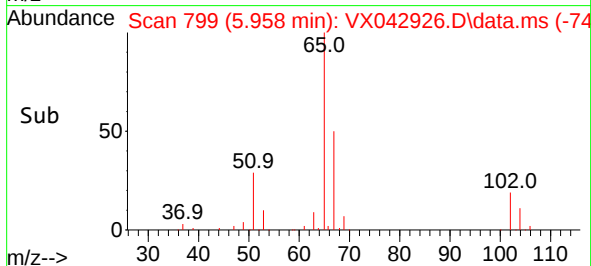
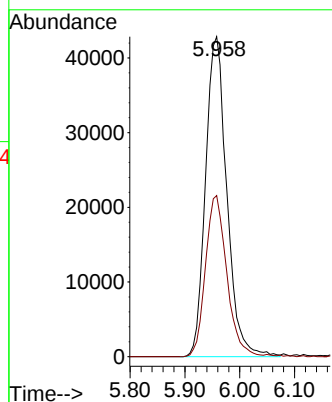
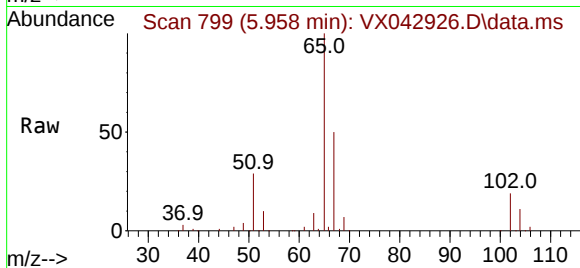
TOPSOIL

Tgt Ion: 65 Resp: 115308

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.007 min

Lab File: VX042926.D

Acq: 07 Aug 2024 19:18

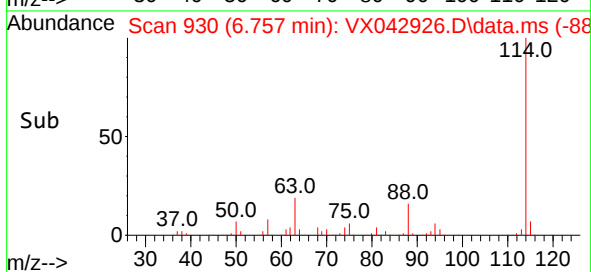
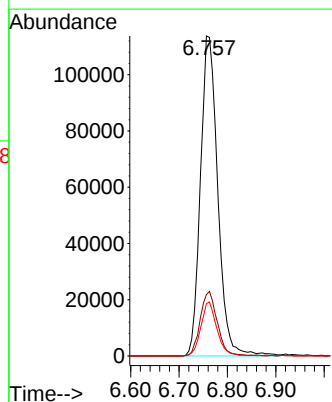
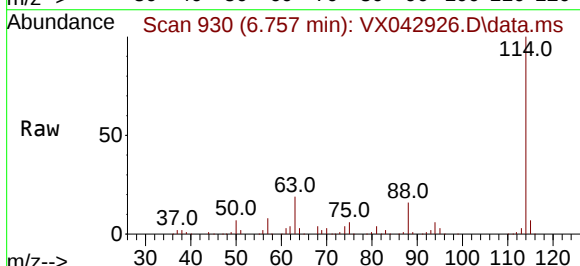
Tgt Ion: 114 Resp: 283466

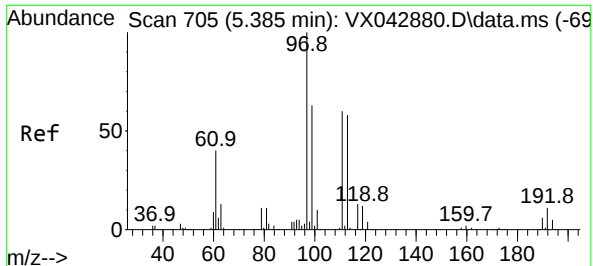
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 53.457 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX042926.D

Acq: 07 Aug 2024 19:18

Instrument :

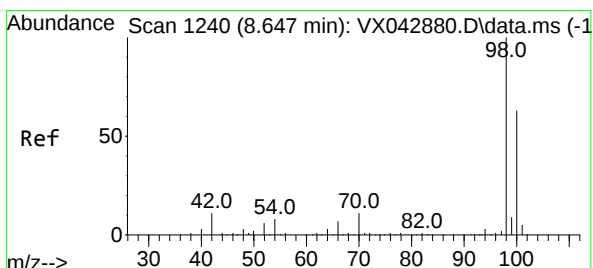
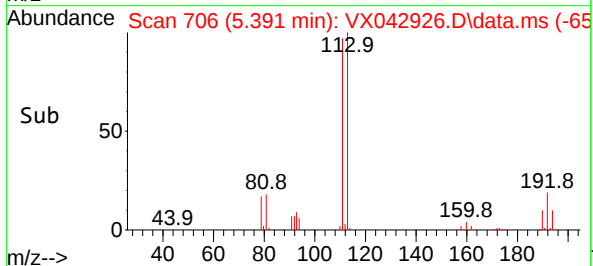
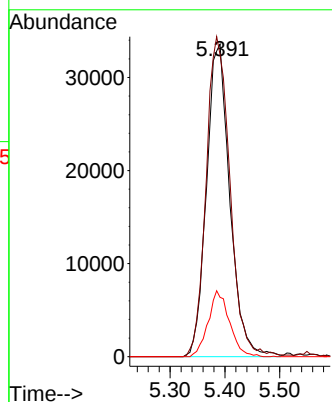
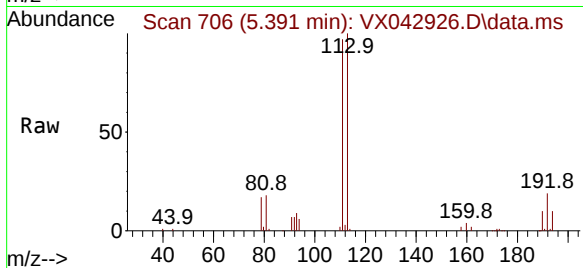
MSVOA_X

ClientSampleId :

TOPSOIL

Tgt Ion:113 Resp: 99079

Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.9	124.3
192	19.3	13.3	19.9



#50

Toluene-d8

Concen: 50.885 ug/l

RT: 8.646 min Scan# 1240

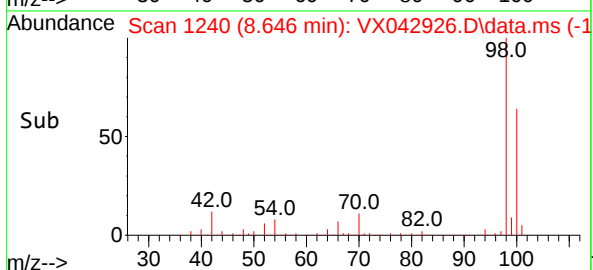
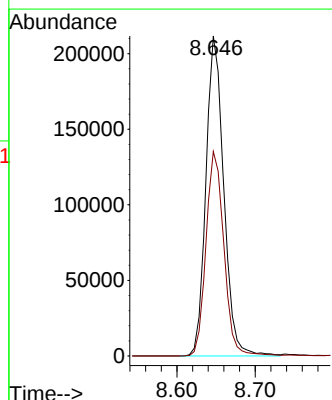
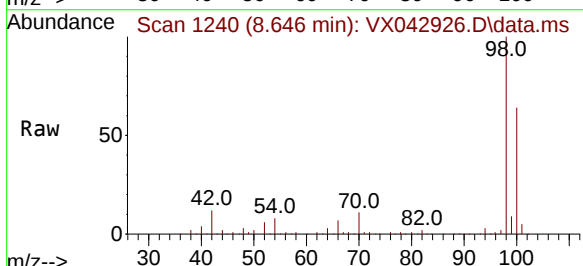
Delta R.T. -0.000 min

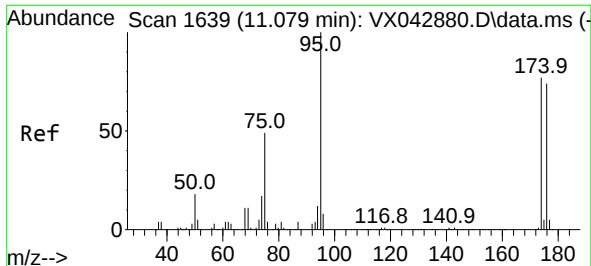
Lab File: VX042926.D

Acq: 07 Aug 2024 19:18

Tgt Ion: 98 Resp: 334809

Ion	Ratio	Lower	Upper
98	100		
100	64.0	53.1	79.7

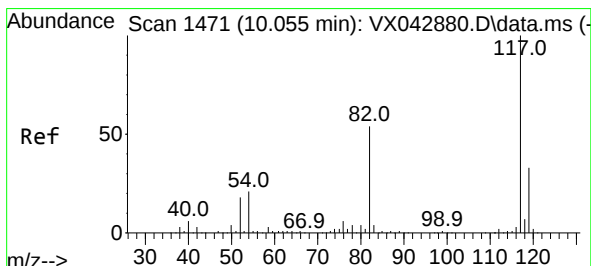
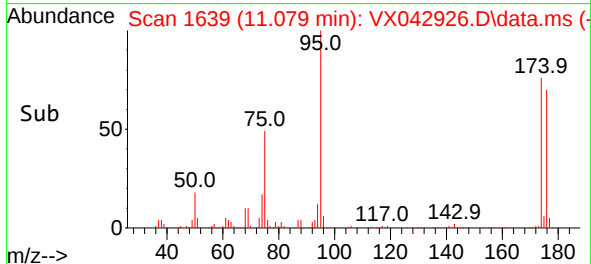
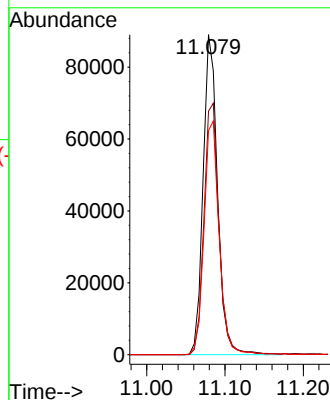
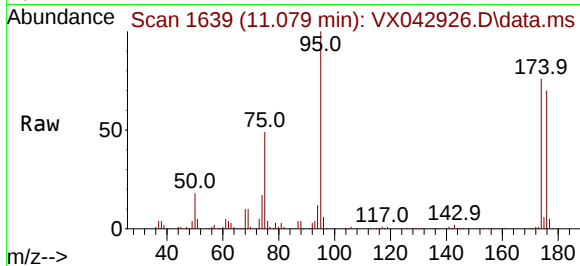




#62
4-Bromofluorobenzene
Concen: 48.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042926.D
Acq: 07 Aug 2024 19:18

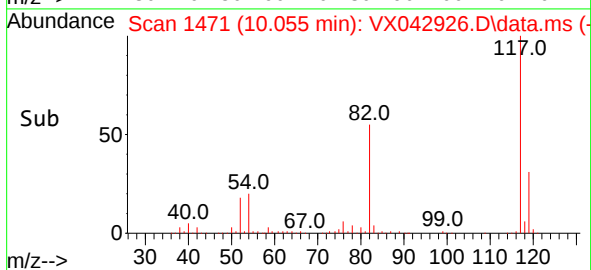
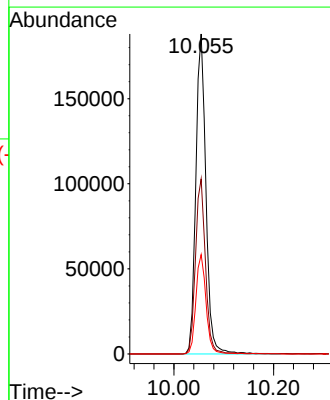
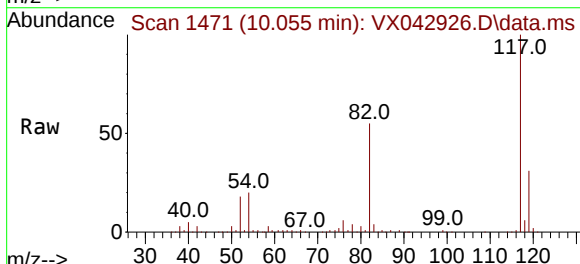
Instrument :
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ClientSampleId :
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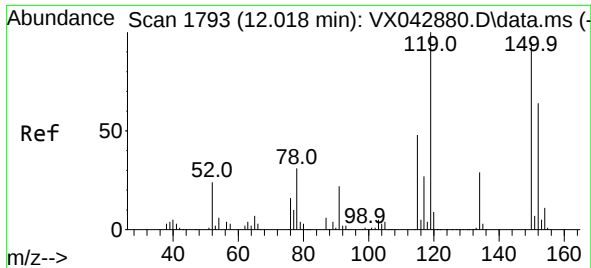
Tgt Ion: 95 Resp: 113936
Ion Ratio Lower Upper
95 100
174 82.2 0.0 135.6
176 76.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042926.D
Acq: 07 Aug 2024 19:18

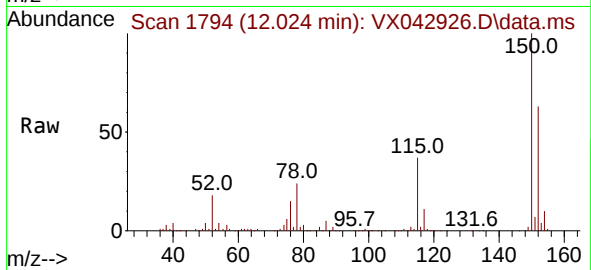
Tgt Ion: 117 Resp: 263970
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX042926.D
 Acq: 07 Aug 2024 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 TOPSOIL



Tgt Ion:152	Resp:	99642
Ion	Ratio	Lower Upper
152	100	
115	60.7	43.3 129.9
150	155.8	0.0 345.0

