

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
 Data File : VX043019.D
 Acq On : 13 Aug 2024 16:53
 Operator : JC/MD
 Sample : P3536-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MANHOLE

Quant Time: Aug 14 04:35:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 2024
 Response via : Initial Calibration

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

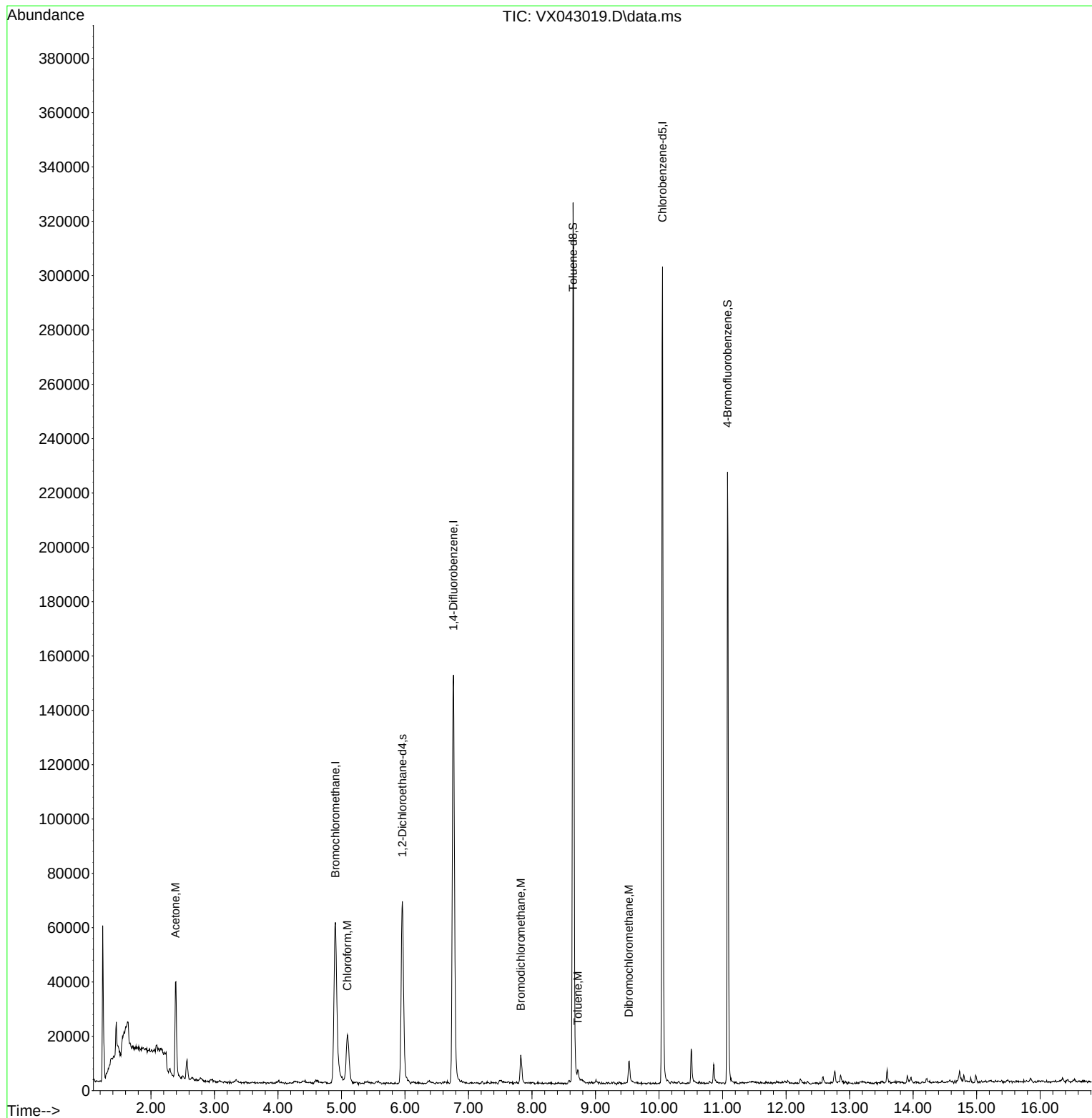
Internal Standards						
1) Bromochloromethane	4.904	128	27483	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	161919	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	141159	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	60788	27.324	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.067%
60) 4-Bromofluorobenzene	11.079	95	63347	26.435	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.100%
63) Toluene-d8	8.647	98	194927	30.061	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.200%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	14113	38.940	ug/l	75
25) Chloroform	5.093	83	21829	6.033	ug/l	100
41) Bromodichloromethane	7.824	83	7232	2.636	ug/l	99
53) Dibromochloromethane	9.525	129	2778	1.351	ug/l	94
62) Toluene	8.720	91	2772	0.344	ug/l	95

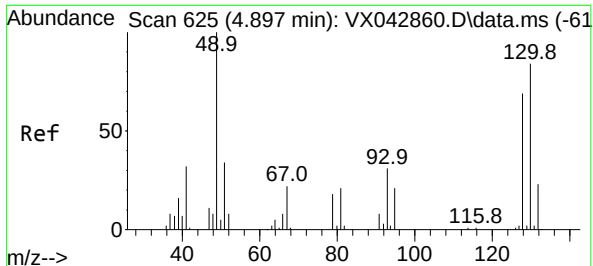
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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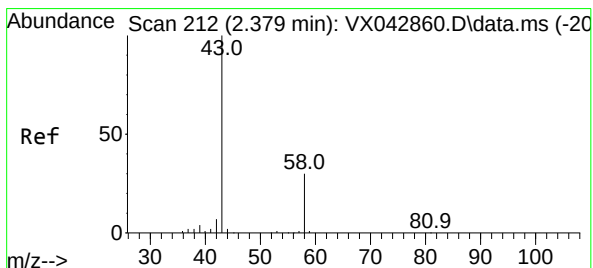
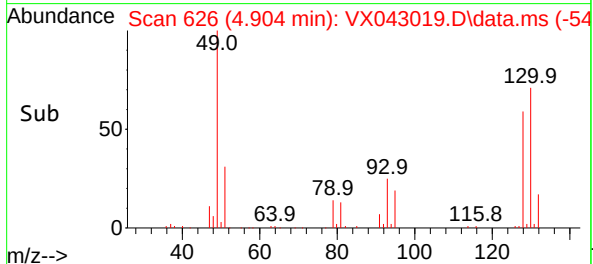
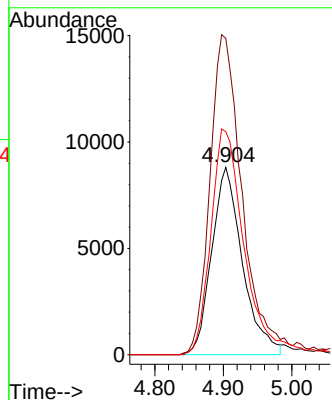
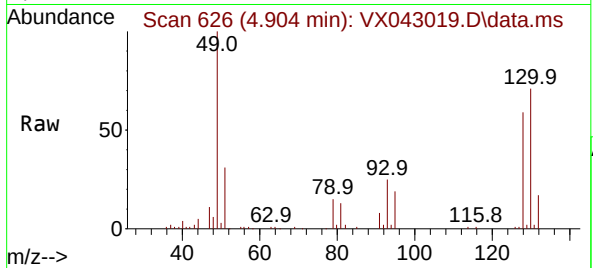




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX043019.D
Acq: 13 Aug 2024 16:53

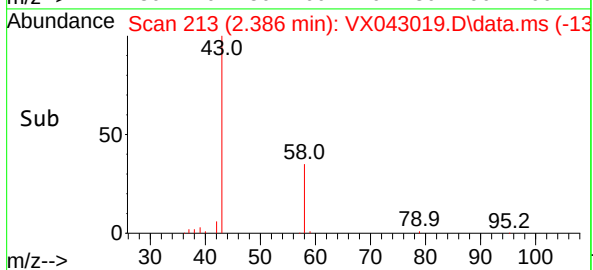
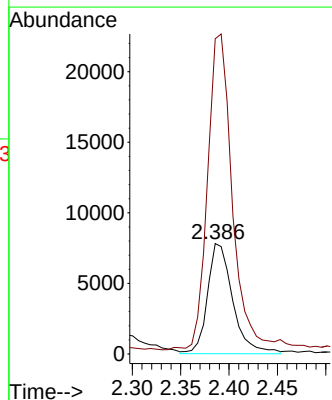
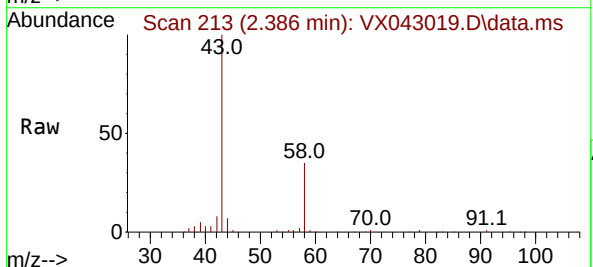
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE

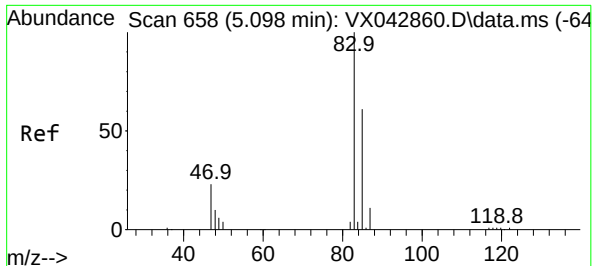
Tgt Ion:128 Resp: 27483
Ion Ratio Lower Upper
128 100
49 178.9 0.0 400.5
130 130.3 0.0 333.0



#15
Acetone
Concen: 38.940 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX043019.D
Acq: 13 Aug 2024 16:53

Tgt Ion: 58 Resp: 14113
Ion Ratio Lower Upper
58 100
43 285.5 269.9 404.9





#25

Chloroform

Concen: 6.033 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX043019.D

Acq: 13 Aug 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

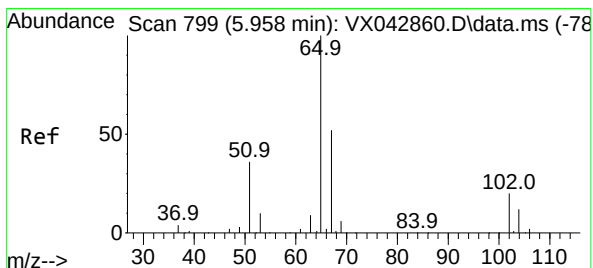
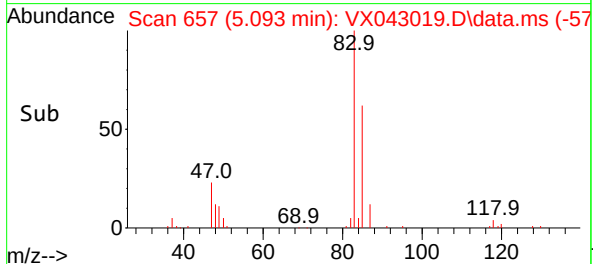
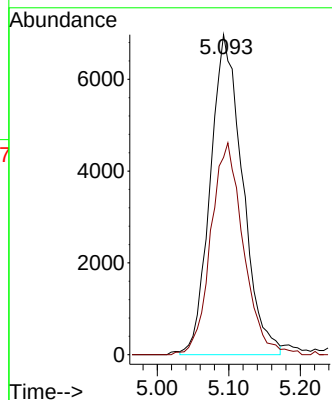
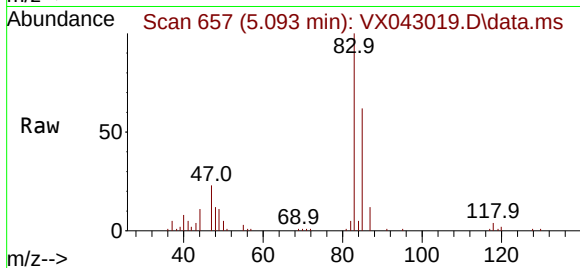
MANHOLE

Tgt Ion: 83 Resp: 21829

Ion Ratio Lower Upper

83 100

85 61.4 49.2 73.8



#27

1,2-Dichloroethane-d4

Concen: 27.324 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX043019.D

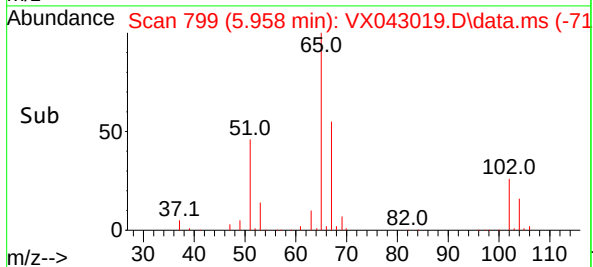
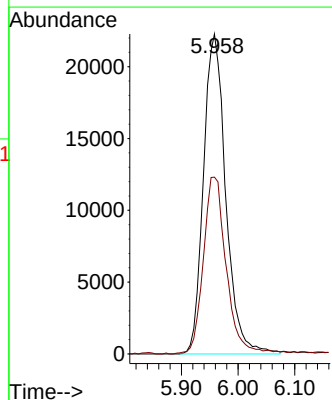
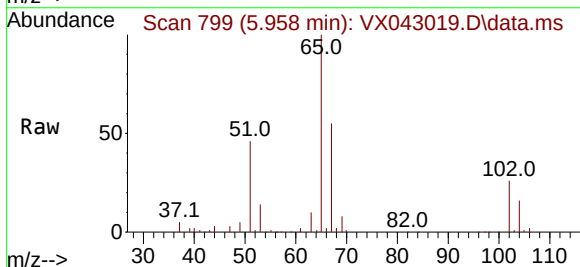
Acq: 13 Aug 2024 16:53

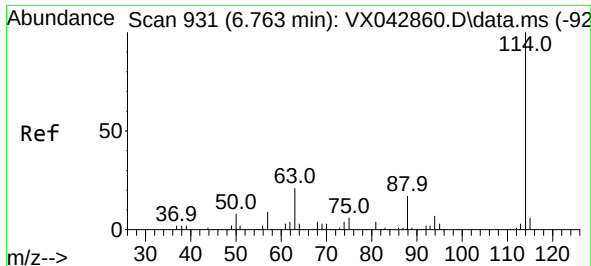
Tgt Ion: 65 Resp: 60788

Ion Ratio Lower Upper

65 100

67 56.2 40.6 60.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX043019.D

Acq: 13 Aug 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

MANHOLE

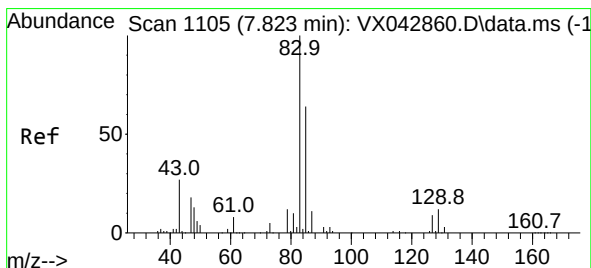
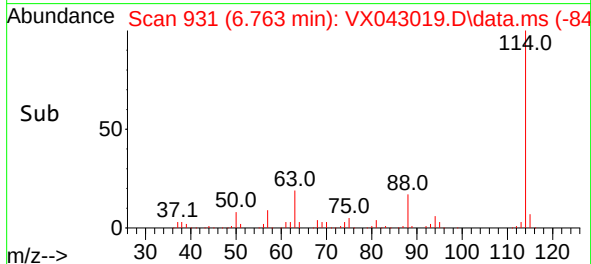
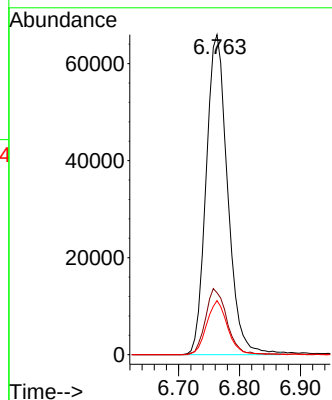
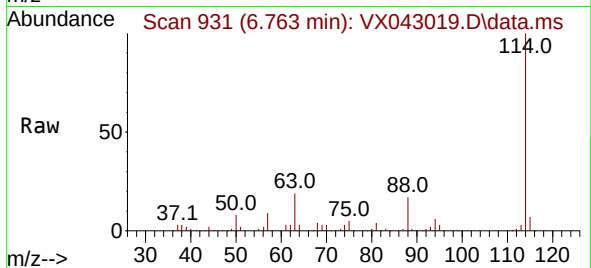
Tgt Ion:114 Resp: 161919

Ion Ratio Lower Upper

114 100

63 20.4 16.0 24.0

88 16.4 12.5 18.7



#41

Bromodichloromethane

Concen: 2.636 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX043019.D

Acq: 13 Aug 2024 16:53

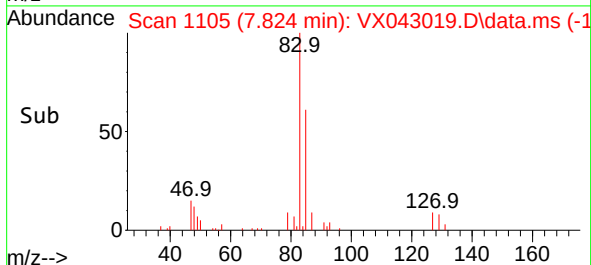
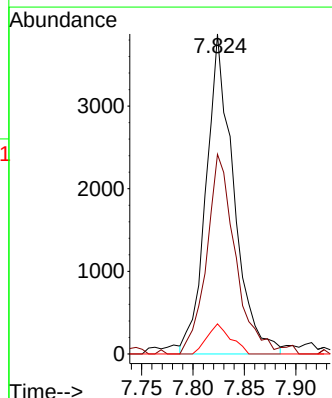
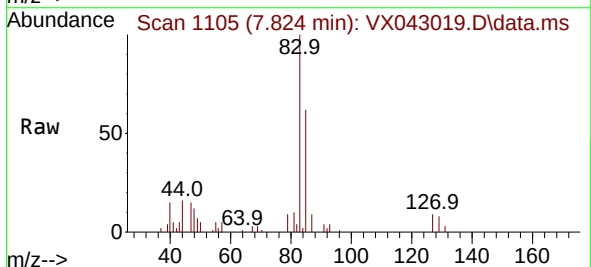
Tgt Ion: 83 Resp: 7232

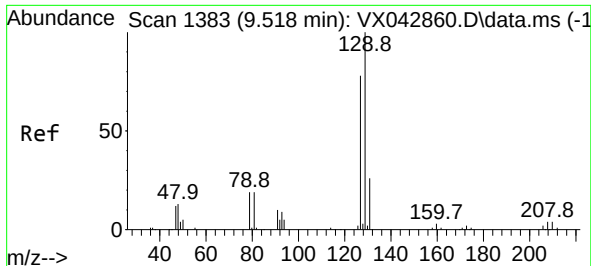
Ion Ratio Lower Upper

83 100

85 63.8 50.8 76.2

127 9.6 6.9 10.3

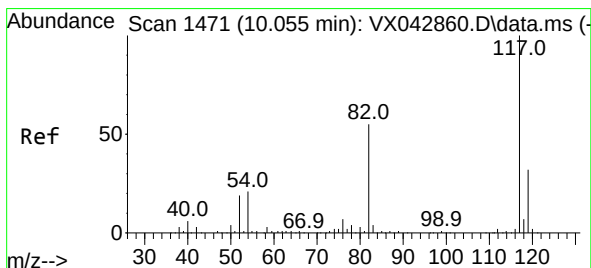
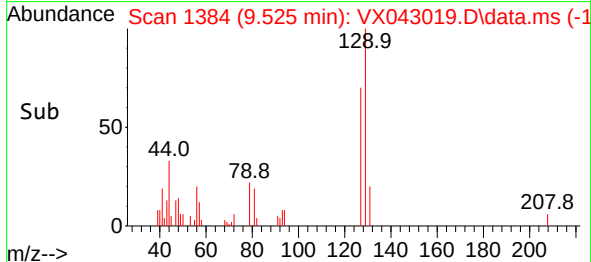
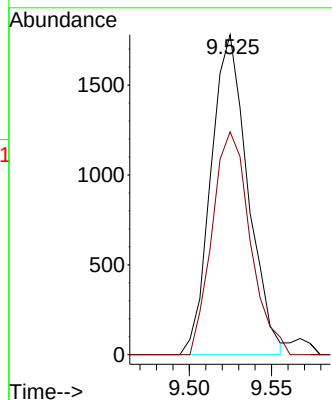
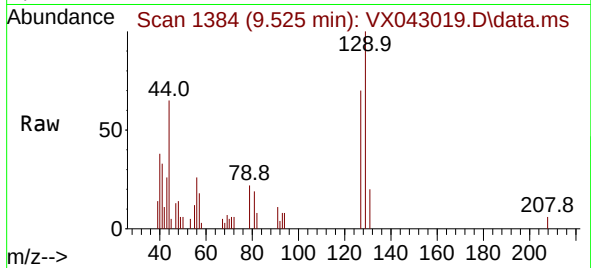




#53
Dibromochloromethane
Concen: 1.351 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX043019.D
Acq: 13 Aug 2024 16:53

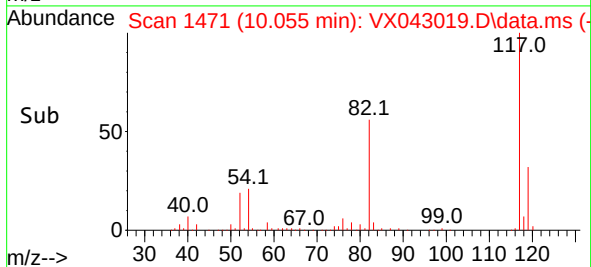
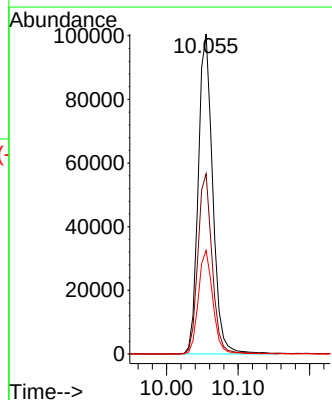
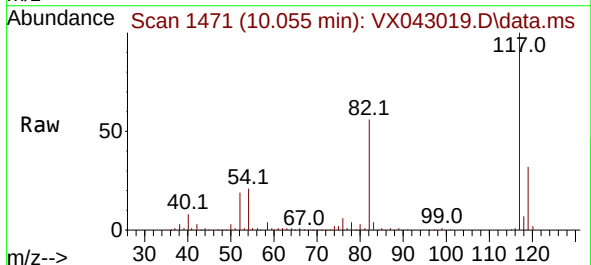
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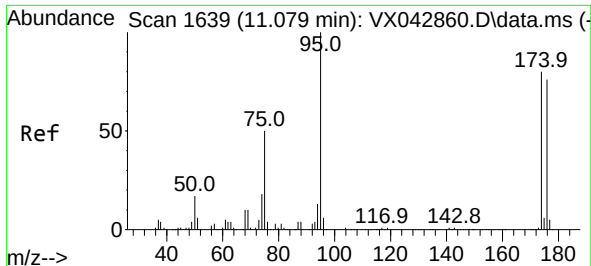
Tgt Ion:129 Resp: 2778
Ion Ratio Lower Upper
129 100
127 71.8 38.5 115.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043019.D
Acq: 13 Aug 2024 16:53

Tgt Ion:117 Resp: 141159
Ion Ratio Lower Upper
117 100
82 55.7 44.9 67.3
119 32.2 25.4 38.2

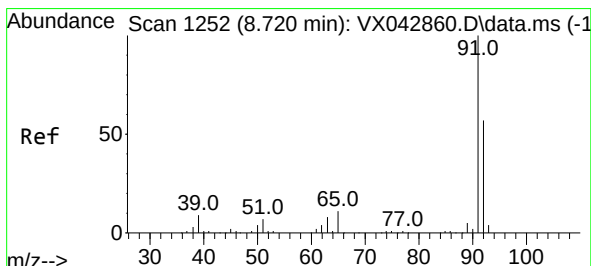
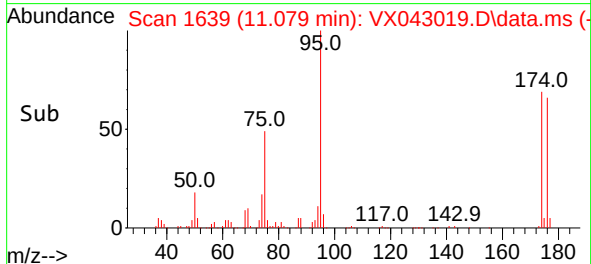
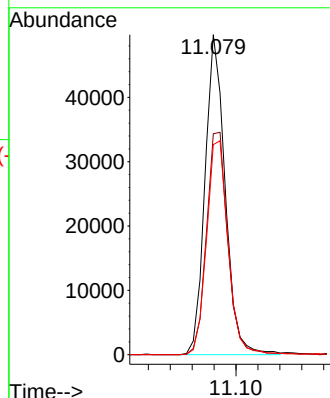
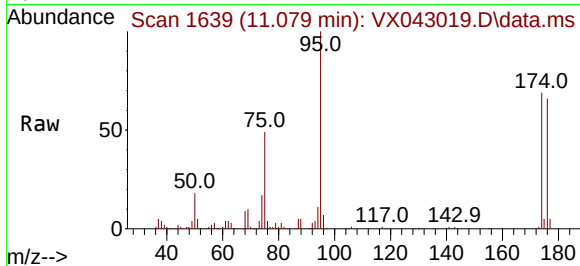




#60
4-Bromofluorobenzene
Concen: 26.435 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043019.D
Acq: 13 Aug 2024 16:53

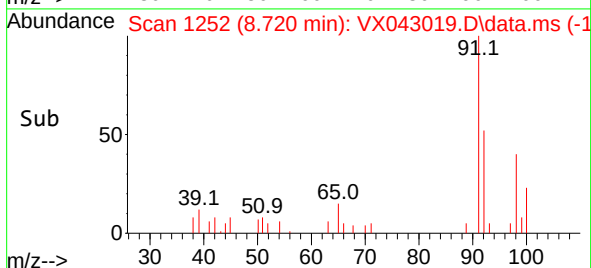
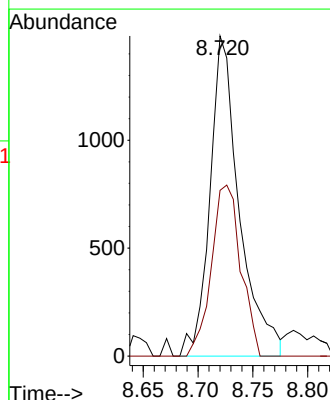
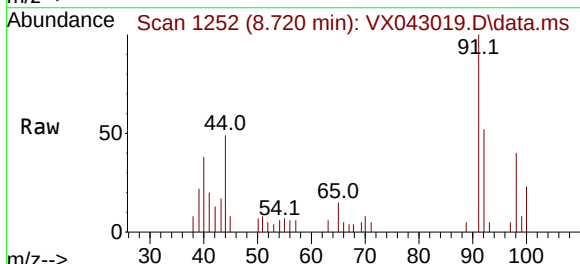
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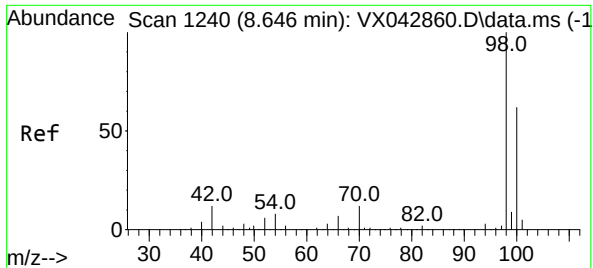
Tgt Ion: 95 Resp: 63347
Ion Ratio Lower Upper
95 100
174 73.7 65.0 97.6
176 71.7 63.4 95.0



#62
Toluene
Concen: 0.344 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX043019.D
Acq: 13 Aug 2024 16:53

Tgt Ion: 91 Resp: 2772
Ion Ratio Lower Upper
91 100
92 53.3 45.7 68.5





#63
Toluene-d8
Concen: 30.061 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043019.D
Acq: 13 Aug 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :
MANHOLE

Tgt Ion: 98 Resp: 194927
Ion Ratio Lower Upper
98 100
100 67.4 50.9 76.3

