

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026919.D
 Acq On : 10 Feb 2022 14:43
 Operator : JC/MD
 Sample : N1433-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 6NINF-0222

Quant Time: Feb 11 03:41:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 Response via : Initial Calibration

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

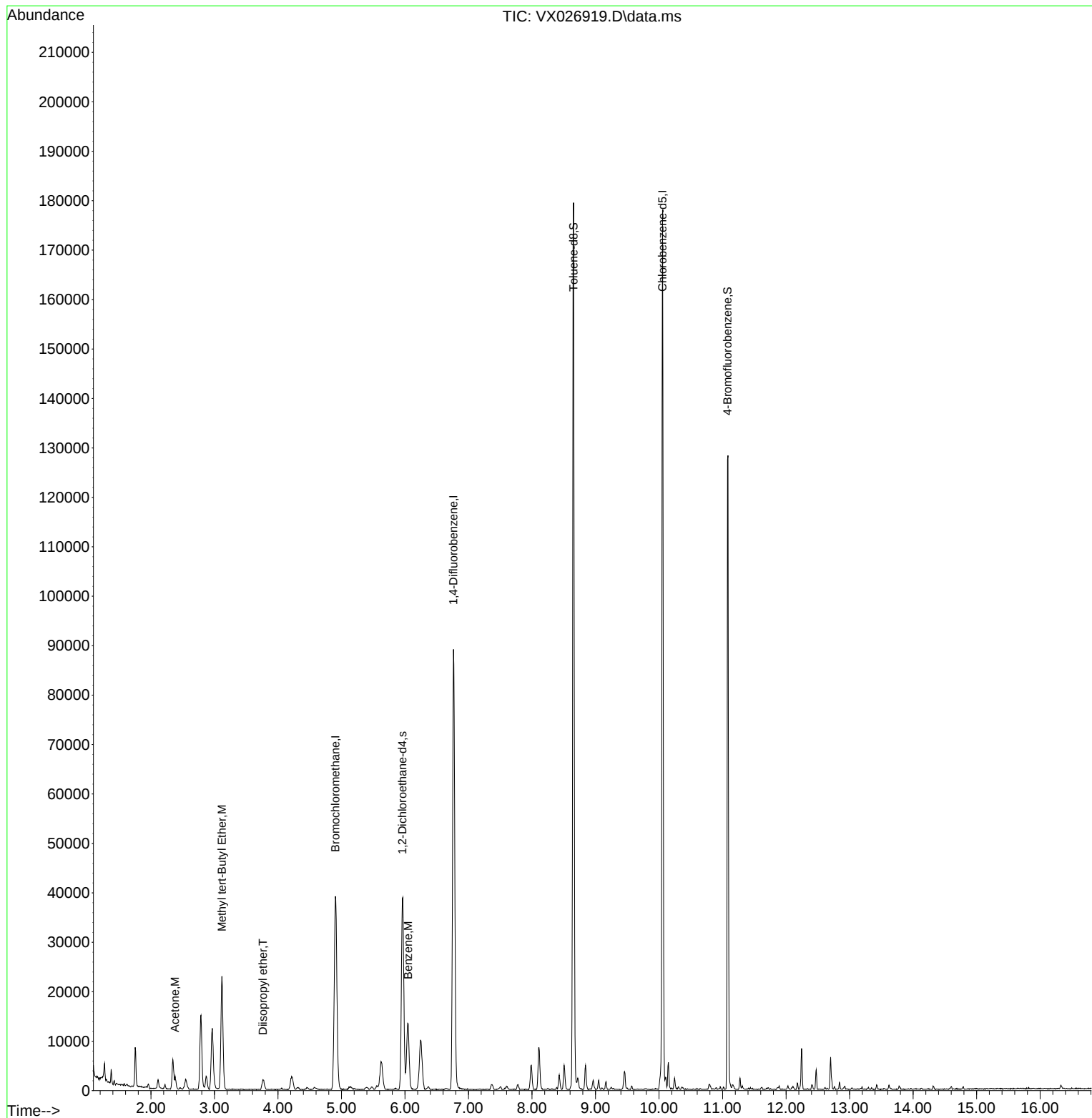
Internal Standards						
1) Bromochloromethane	4.904	128	16850	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	92928	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	80191	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	38638	28.517	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.067%
60) 4-Bromofluorobenzene	11.079	95	36483	27.260	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.867%
63) Toluene-d8	8.653	98	108543	29.464	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.200%
Target Compounds						
					Qvalue	
15) Acetone	2.380	58	741	4.457	ug/l	95
20) Diisopropyl ether	3.763	45	2241	0.661	ug/l #	79
24) Methyl tert-Butyl Ether	3.117	73	23999	7.125	ug/l	98
34) Benzene	6.050	78	16317	4.100	ug/l	97

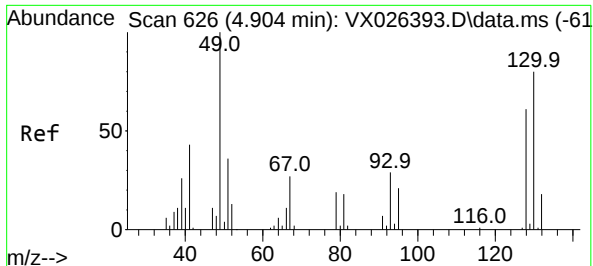
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
Data File : VX026919.D
Acq On : 10 Feb 2022 14:43
Operator : JC/MD
Sample : N1433-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
6NINF-0222

Quant Time: Feb 11 03:41:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 10 12:50:55 2022
Response via : Initial Calibration

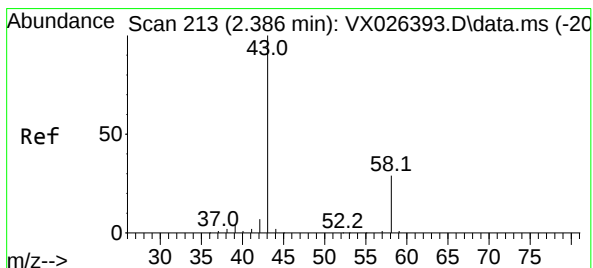
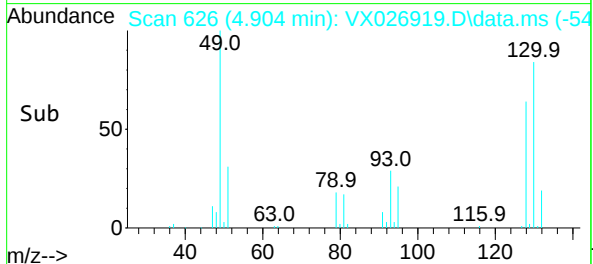
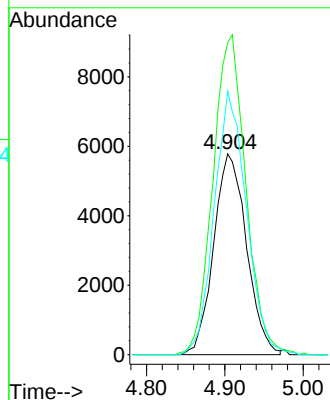
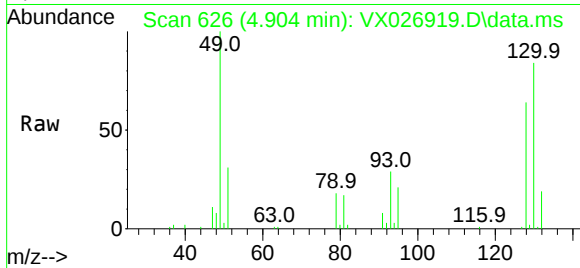




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX026919.D
Acq: 10 Feb 2022 14:43

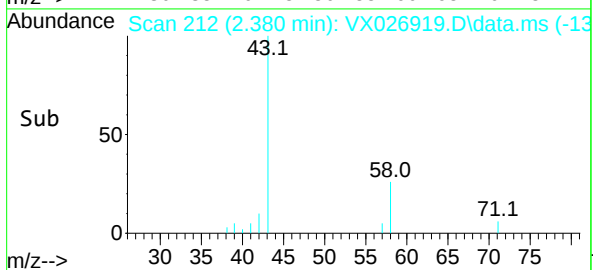
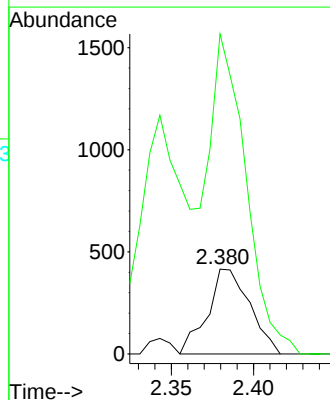
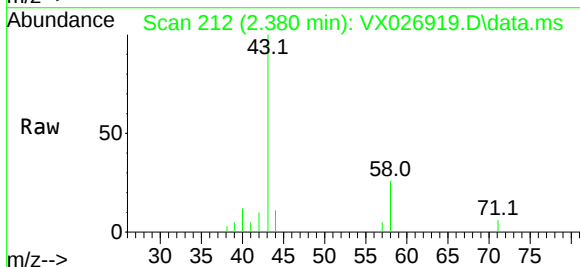
Instrument :
MSVOA_X
ClientSampleId :
6NINF-0222

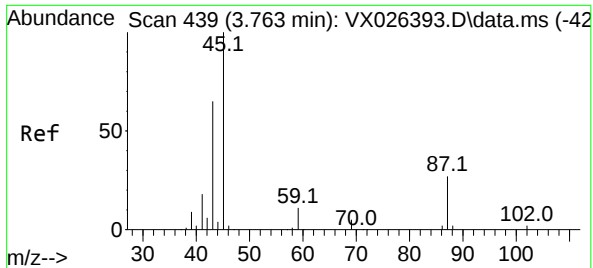
Tgt Ion:128 Resp: 16850
Ion Ratio Lower Upper
128 100
49 159.6 0.0 413.5
130 128.9 0.0 326.0



#15
Acetone
Concen: 4.457 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026919.D
Acq: 10 Feb 2022 14:43

Tgt Ion: 58 Resp: 741
Ion Ratio Lower Upper
58 100
43 355.2 276.3 414.5

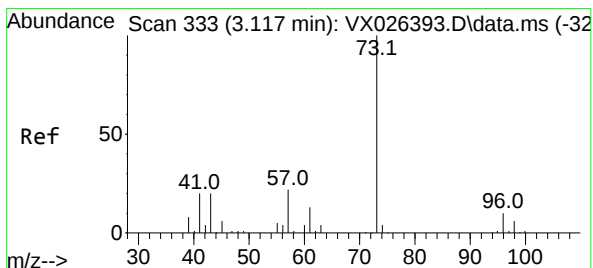
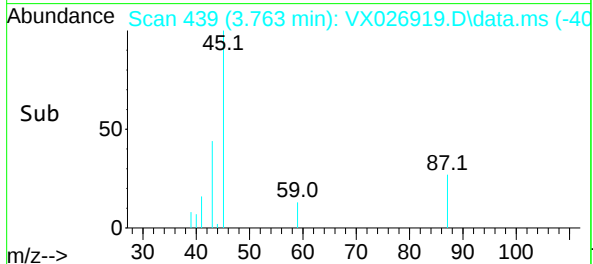
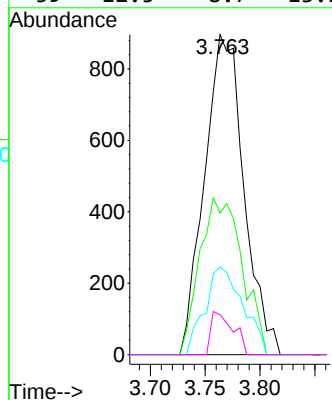
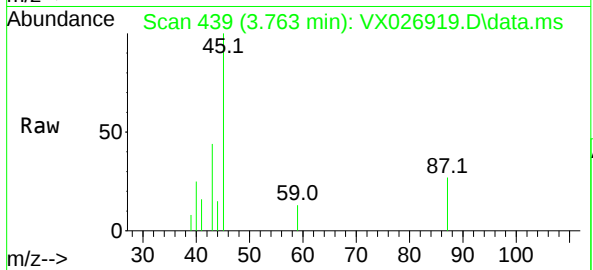




#20
Diisopropyl ether
Concen: 0.661 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX026919.D
Acq: 10 Feb 2022 14:43

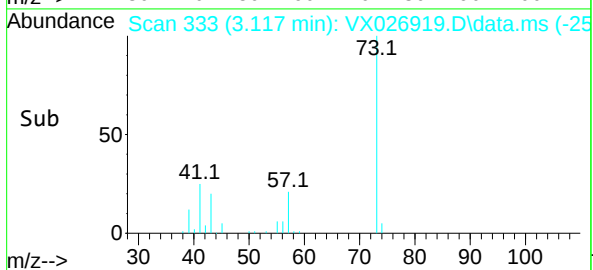
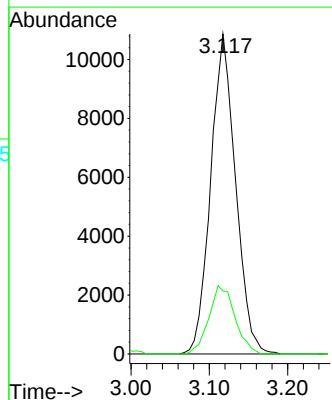
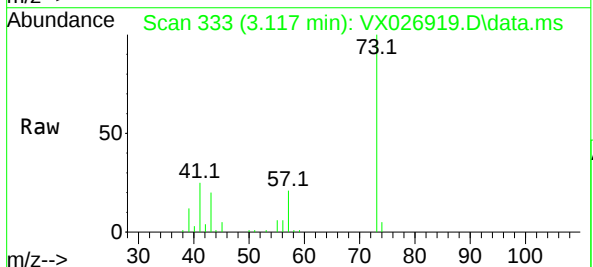
Instrument :
MSVOA_X
ClientSampleId :
6NINF-0222

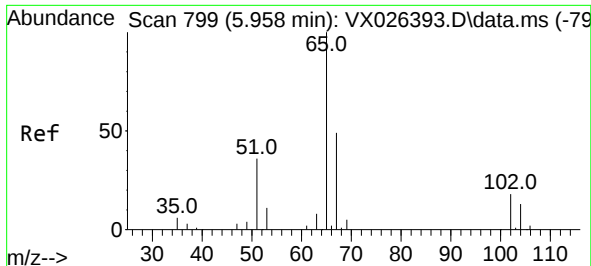
Tgt Ion: 45	Resp: 2241
Ion Ratio	Lower Upper
45 100	
43 44.3	56.2 84.2#
87 27.5	21.5 32.3
59 12.5	8.7 13.1



#24
Methyl tert-Butyl Ether
Concen: 7.125 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026919.D
Acq: 10 Feb 2022 14:43

Tgt Ion: 73	Resp: 23999
Ion Ratio	Lower Upper
73 100	
43 22.4	17.1 25.7





#27

1,2-Dichloroethane-d4

Concen: 28.517 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026919.D

Acq: 10 Feb 2022 14:43

Instrument :

MSVOA_X

ClientSampleId :

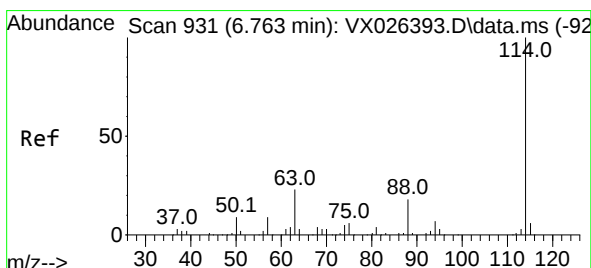
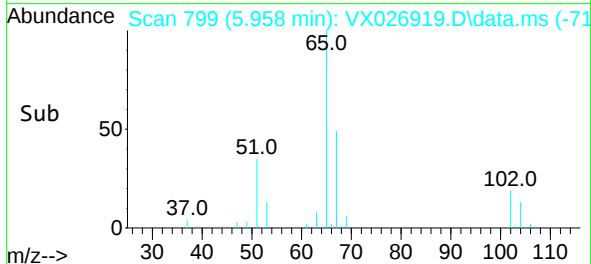
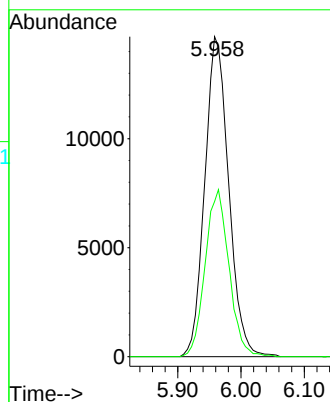
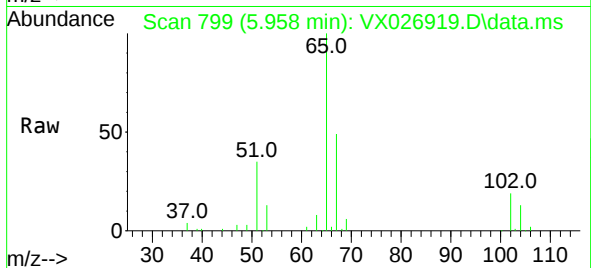
6NINF-0222

Tgt Ion: 65 Resp: 38638

Ion Ratio Lower Upper

65 100

67 51.5 39.6 59.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX026919.D

Acq: 10 Feb 2022 14:43

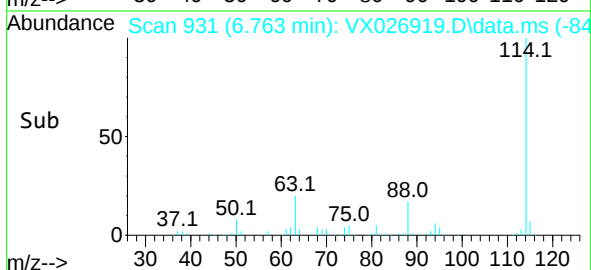
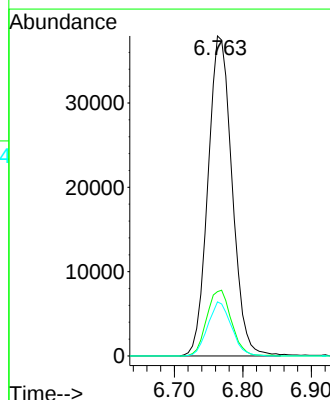
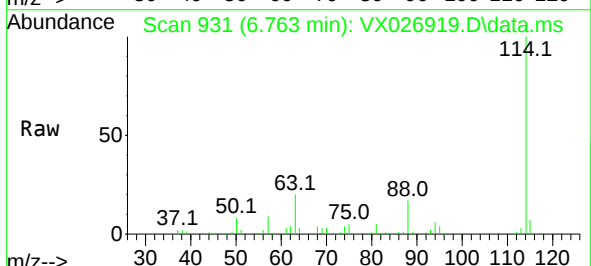
Tgt Ion: 114 Resp: 92928

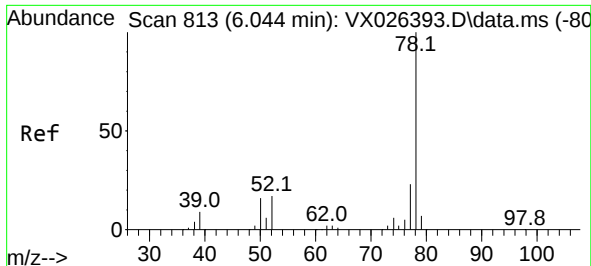
Ion Ratio Lower Upper

114 100

63 20.9 17.4 26.2

88 16.5 13.5 20.3

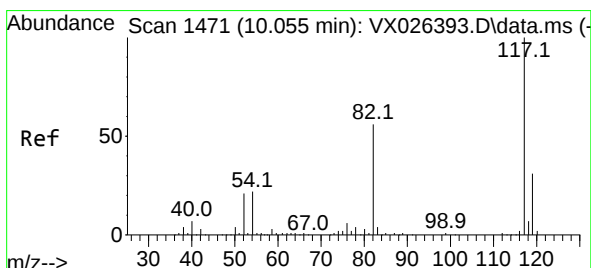
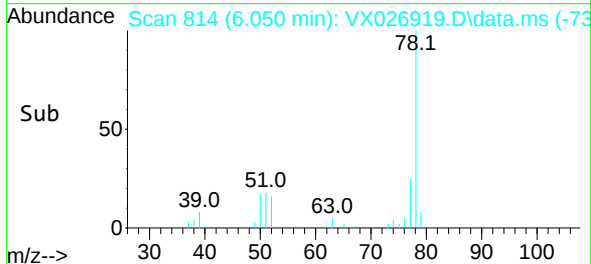
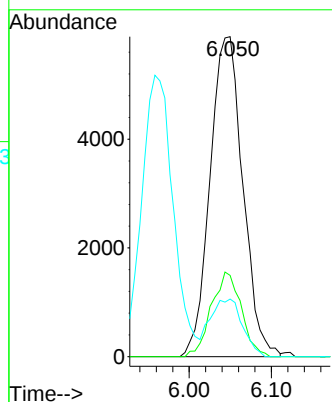
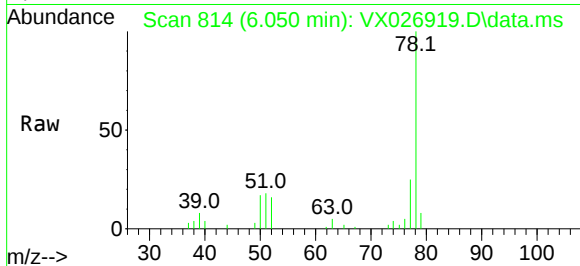




#34
Benzene
Concen: 4.100 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX026919.D
Acq: 10 Feb 2022 14:43

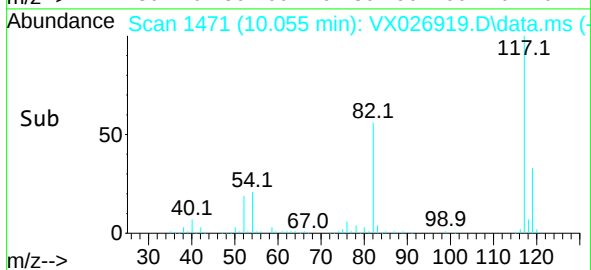
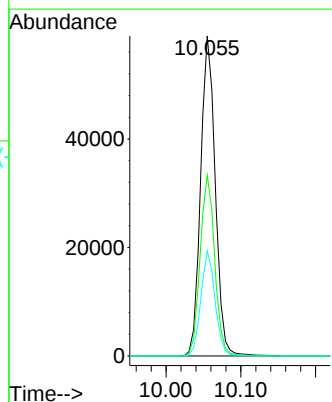
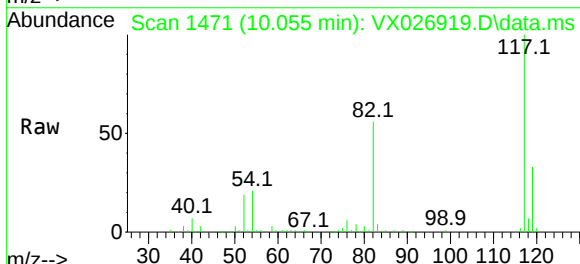
Instrument :
MSVOA_X
ClientSampleId :
6NINF-0222

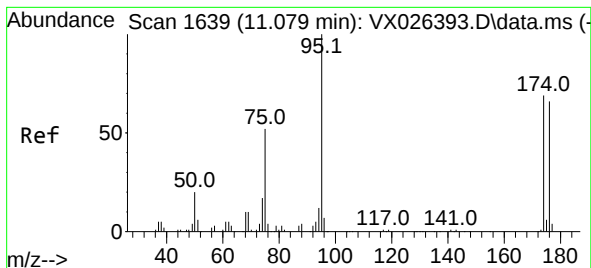
Tgt Ion: 78 Resp: 16317
Ion Ratio Lower Upper
78 100
77 25.4 18.7 28.1
51 18.0 13.5 20.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026919.D
Acq: 10 Feb 2022 14:43

Tgt Ion: 117 Resp: 80191
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 31.8 25.4 38.2

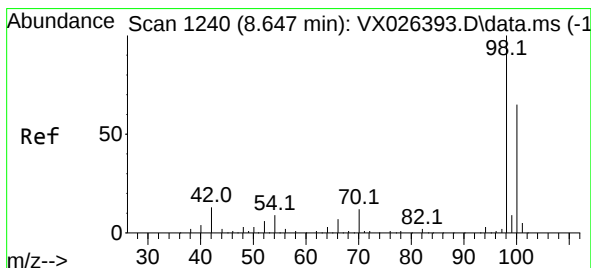
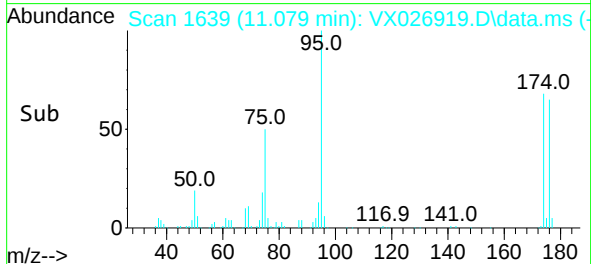
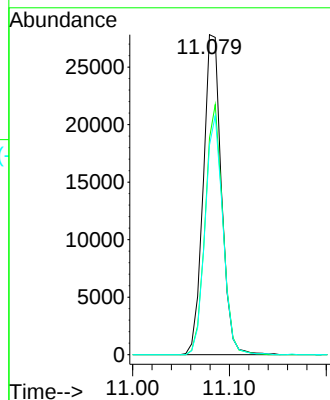
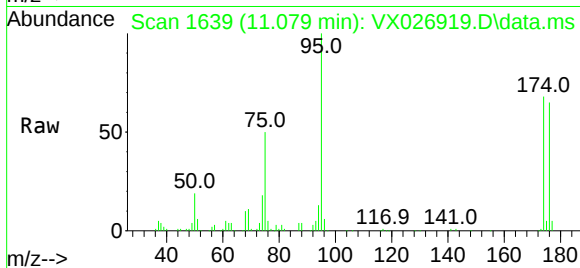




#60
4-Bromofluorobenzene
Concen: 27.260 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026919.D
Acq: 10 Feb 2022 14:43

Instrument :
MSVOA_X
ClientSampleId :
6NINF-0222

Tgt Ion: 95 Resp: 36483
Ion Ratio Lower Upper
95 100
174 75.2 58.0 87.0
176 72.9 56.5 84.7



#63
Toluene-d8
Concen: 29.464 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX026919.D
Acq: 10 Feb 2022 14:43

Tgt Ion: 98 Resp: 108543
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

