

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
 Data File : VX041791.D
 Acq On : 07 Jun 2024 15:56
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 08 05:02:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

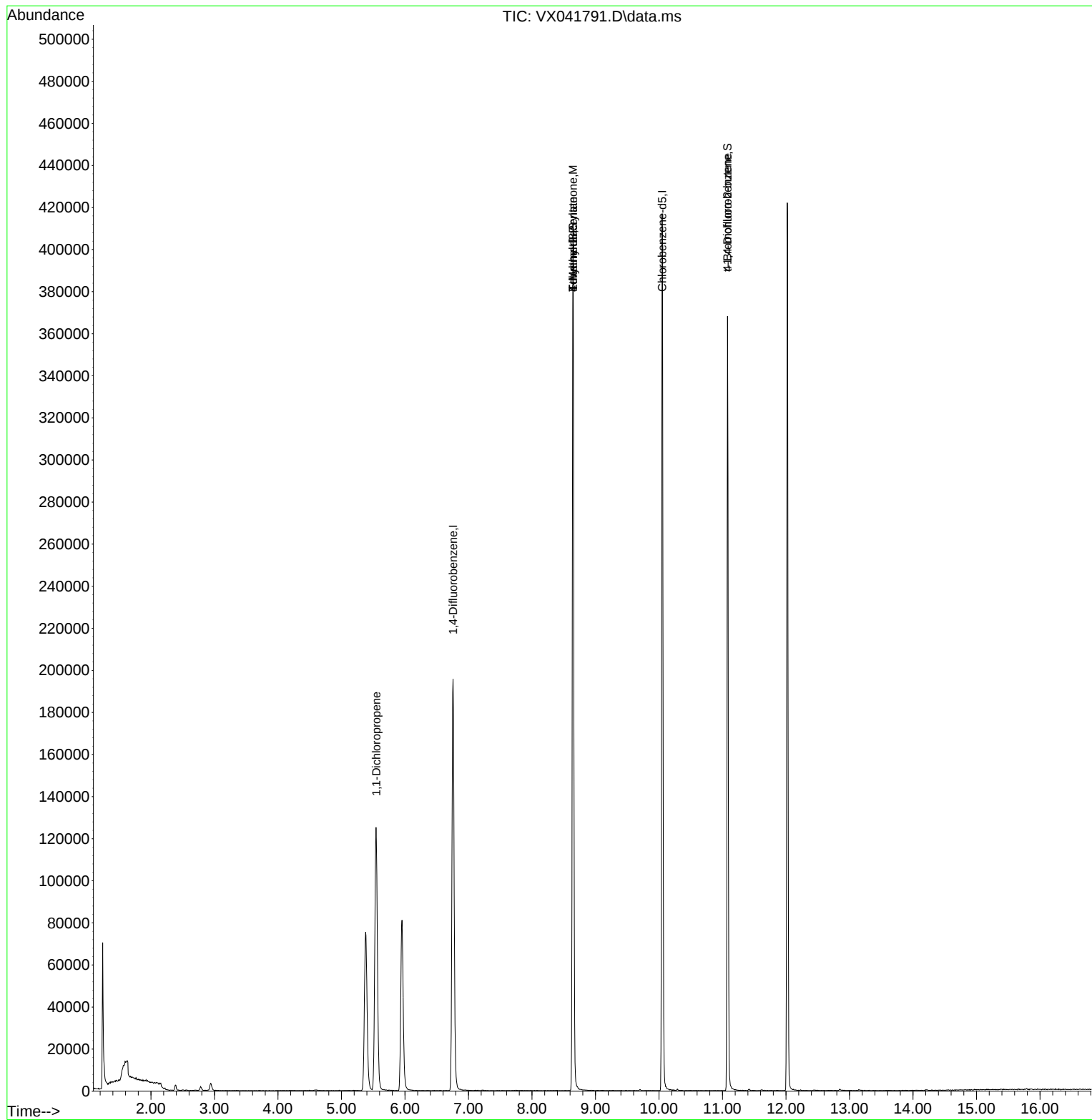
Internal Standards						
1) Bromochloromethane	0.000	128	0	0.000	ug/l	-4.90
28) 1,4-Difluorobenzene	6.757	114	207956	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	200680	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	80167	0.000	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	0.000%#
60) 4-Bromofluorobenzene	11.079	95	88629	28.291	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.300%
63) Toluene-d8	8.647	98	245050	28.486	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.967%
Target Compounds						
					Qvalue	
29) 1,1-Dichloropropene	5.550	75	8582	3.120	ug/l #	43
51) Ethyl methacrylate	8.647	69	784	0.217	ug/l	83
58) 4-Methyl-2-Pentanone	8.647	43	1047	0.286	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	45068	41.966	ug/l #	1

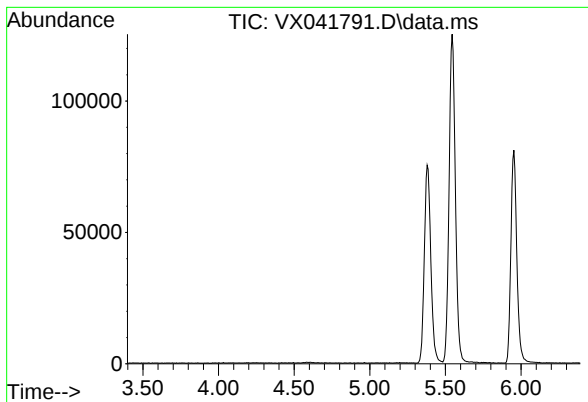
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041791.D
Acq On : 07 Jun 2024 15:56
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jun 08 05:02:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration

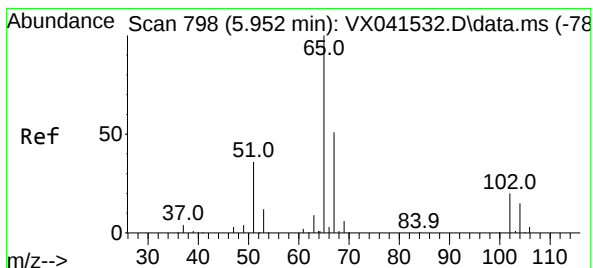
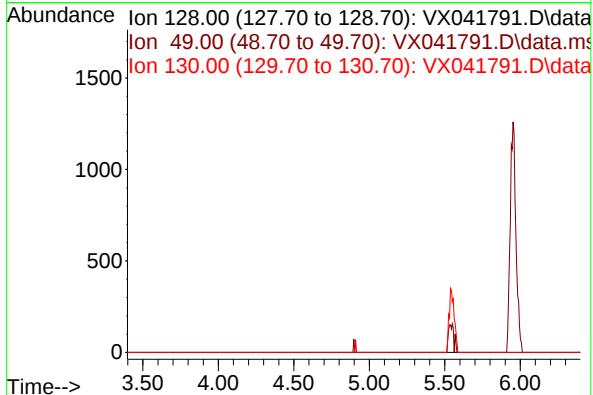




#1
 Bromochloromethane
 Concen: 0.000 ug/l
 Expected RT: 4.90 min
 Lab File: VX041791.D
 Acq: 07 Jun 2024 15:56

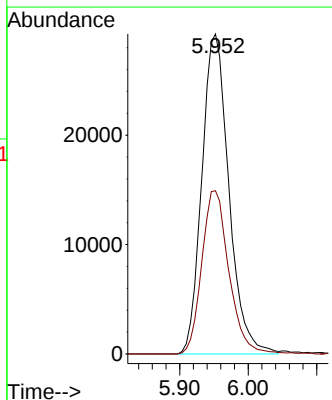
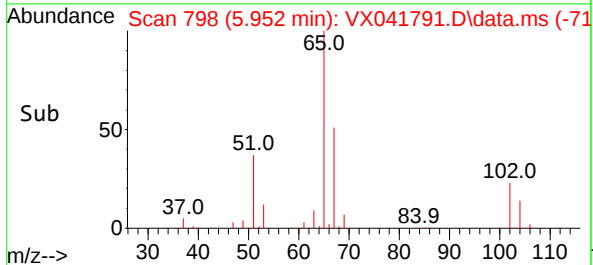
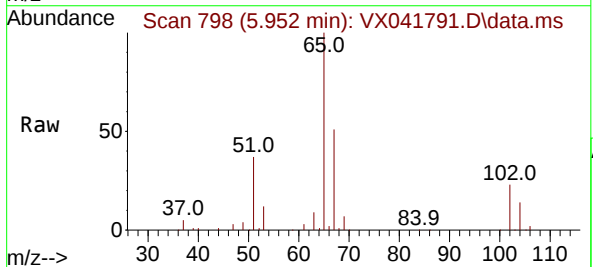
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

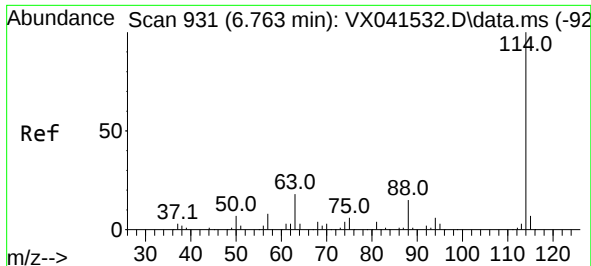
Tgt Ion: 128
 Sig Exp Ratio
 128 100
 49 144.6
 130 129.7



#27
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX041791.D
 Acq: 07 Jun 2024 15:56

Tgt Ion: 65 Resp: 80167
 Ion Ratio Lower Upper
 65 100
 67 51.2 40.8 61.2

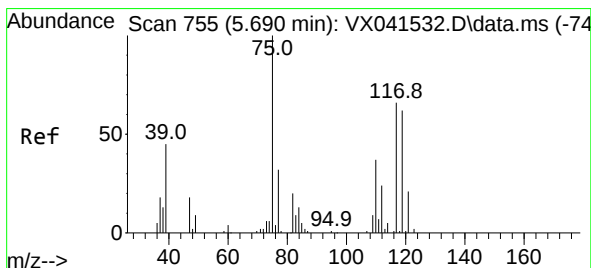
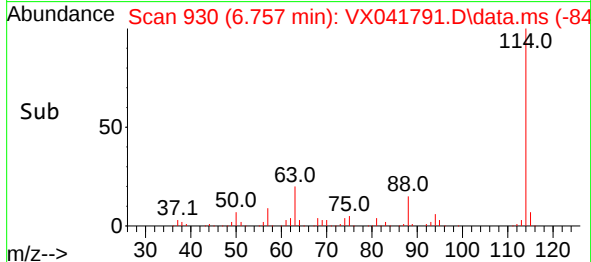
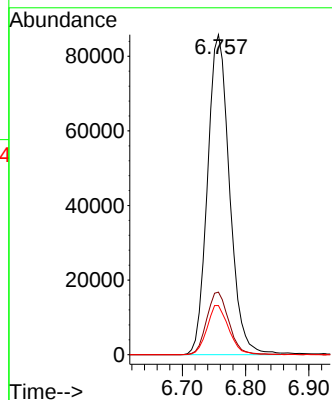
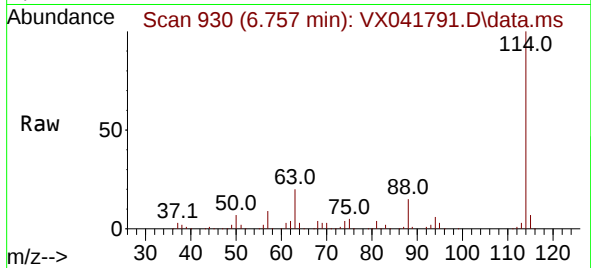




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

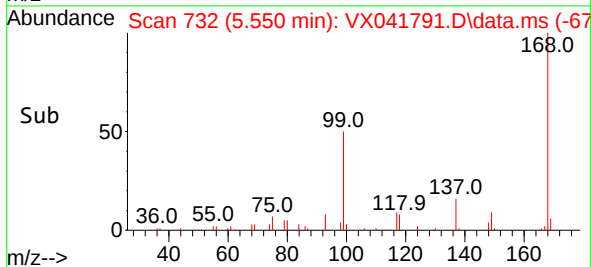
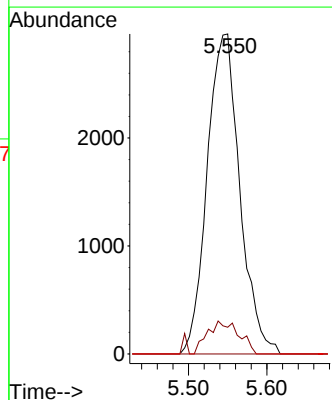
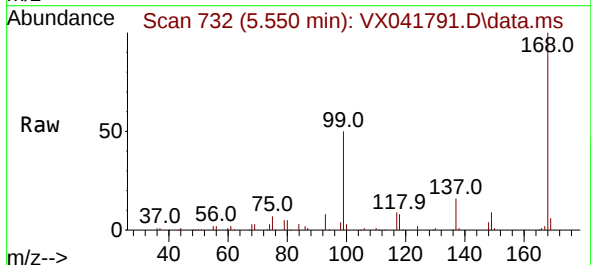
Instrument :
MSVOA_X
ClientSampleId :
IBLK

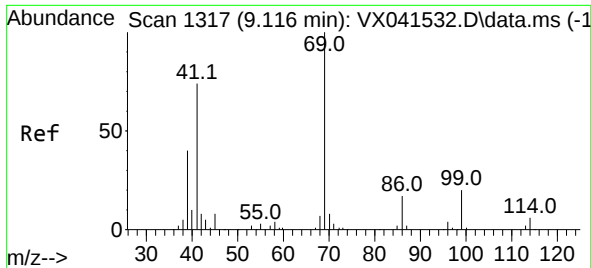
Tgt Ion:114 Resp: 207956
Ion Ratio Lower Upper
114 100
63 19.6 15.4 23.0
88 15.1 12.2 18.2



#29
1,1-Dichloropropene
Concen: 3.120 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

Tgt Ion: 75 Resp: 8582
Ion Ratio Lower Upper
75 100
110 2.6 0.0 74.4
77 0.0 0.0 62.6

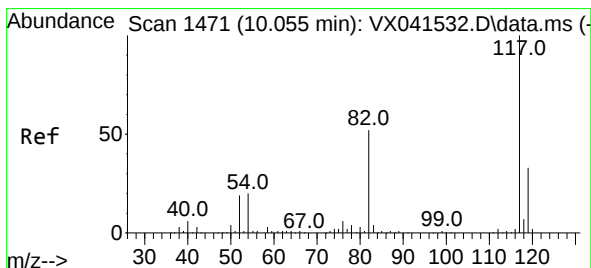
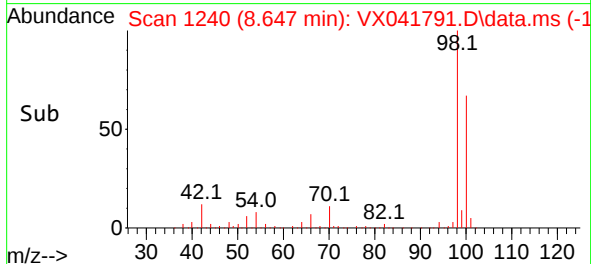
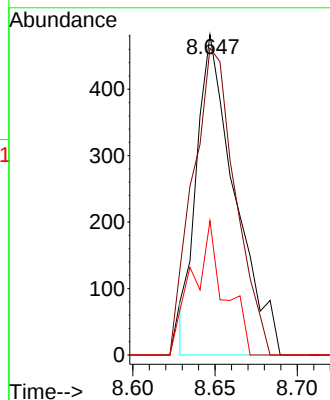
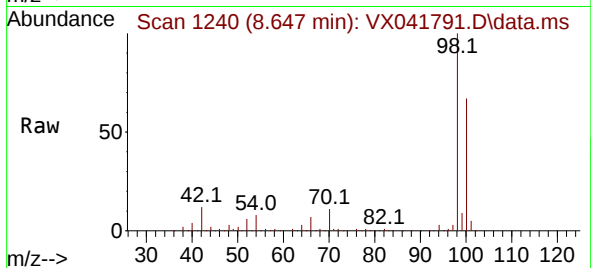




#51
Ethyl methacrylate
Concen: 0.217 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.469 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

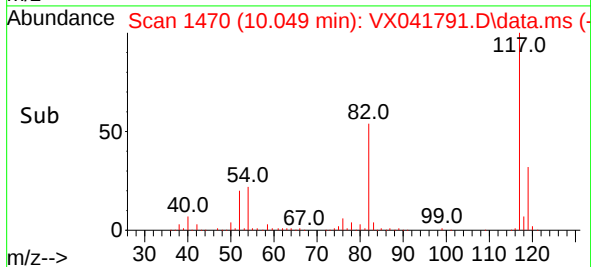
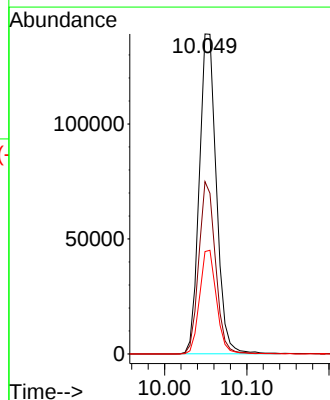
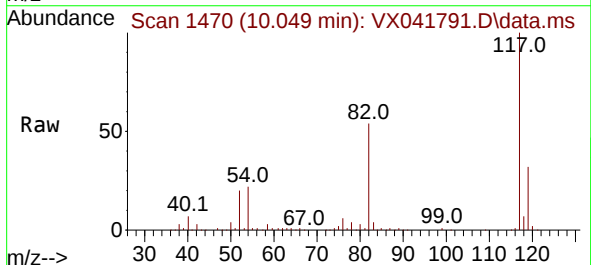
Instrument :
MSVOA_X
ClientSampleId :
IBLK

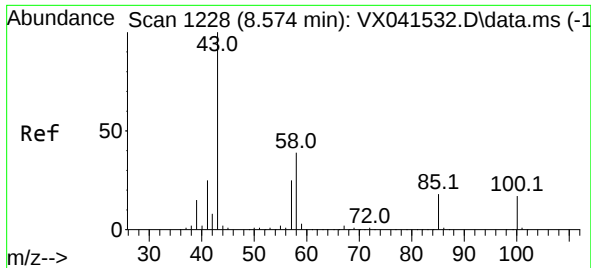
Tgt Ion:	69	Resp:	784
Ion	Ratio	Lower	Upper
69	100		
41	95.9	37.1	111.3
39	41.9	20.2	60.6



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

Tgt Ion:	117	Resp:	200680
Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.7	62.5
119	32.0	25.7	38.5

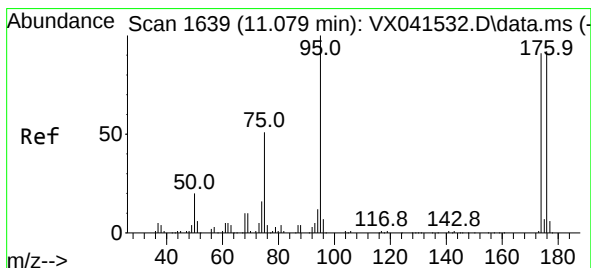
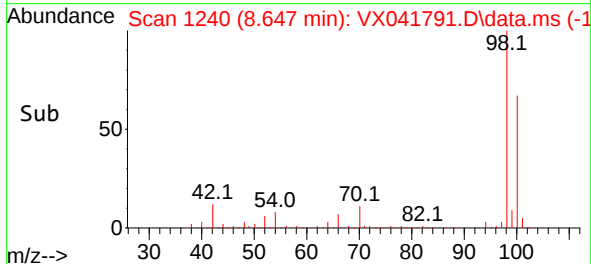
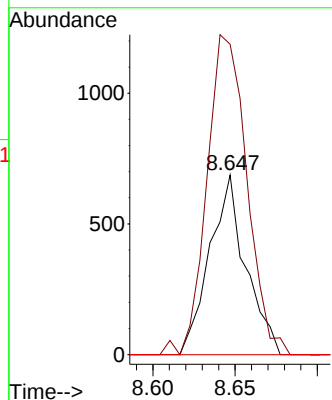
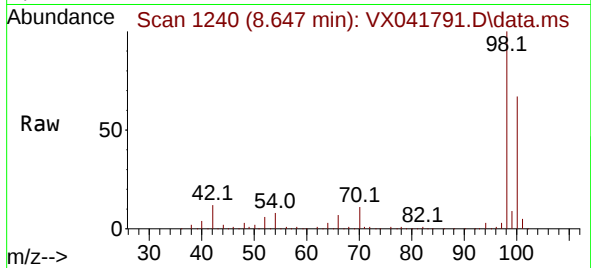




#58
4-Methyl-2-Pentanone
Concen: 0.286 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

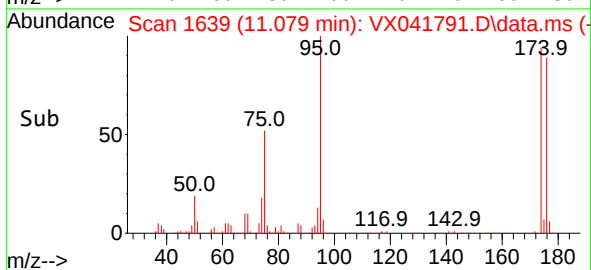
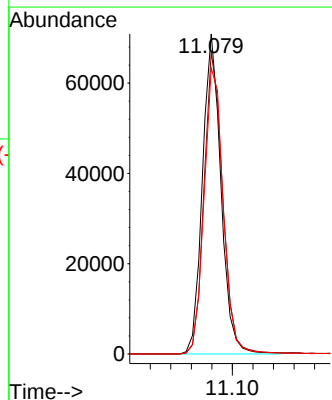
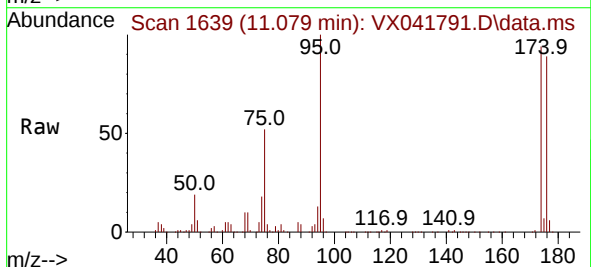
Instrument :
MSVOA_X
ClientSampleId :
IBLK

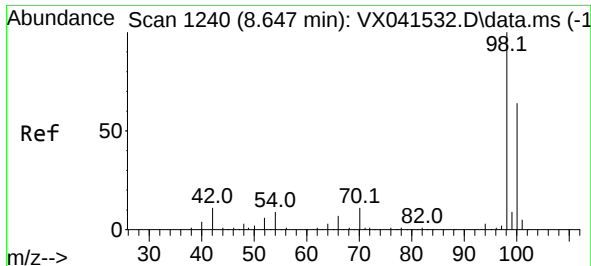
Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
58 195.6 30.2 45.4#
85 0.0 14.6 21.8#



#60
4-Bromofluorobenzene
Concen: 28.291 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

Tgt Ion: 95 Resp: 88629
Ion Ratio Lower Upper
95 100
174 95.2 76.6 115.0
176 92.9 75.4 113.0

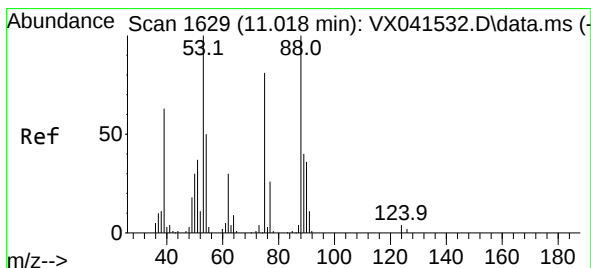
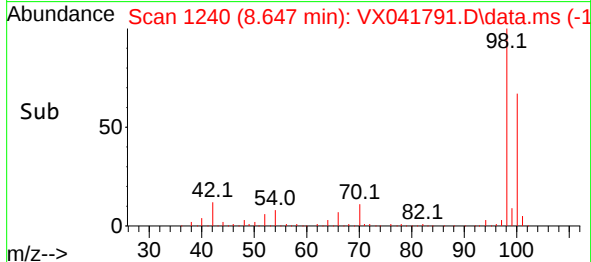
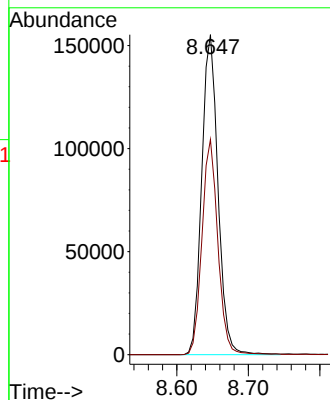
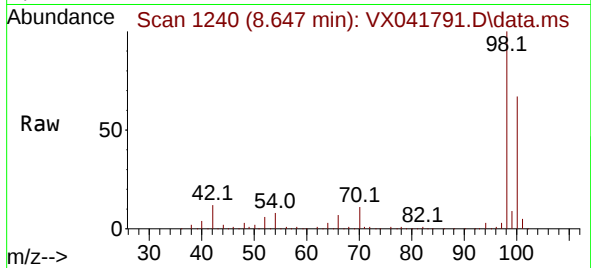




#63
Toluene-d8
Concen: 28.486 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 245050
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



#77
t-1,4-Dichloro-2-butene
Concen: 41.966 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

Tgt Ion: 75 Resp: 45068
Ion Ratio Lower Upper
75 100
53 0.0 61.8 185.3#
89 0.0 24.9 74.7#

