

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
 Data File : VX042242.D
 Acq On : 09 Jul 2024 12:09
 Operator : JC/MD
 Sample : P3150-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 09 17:53:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

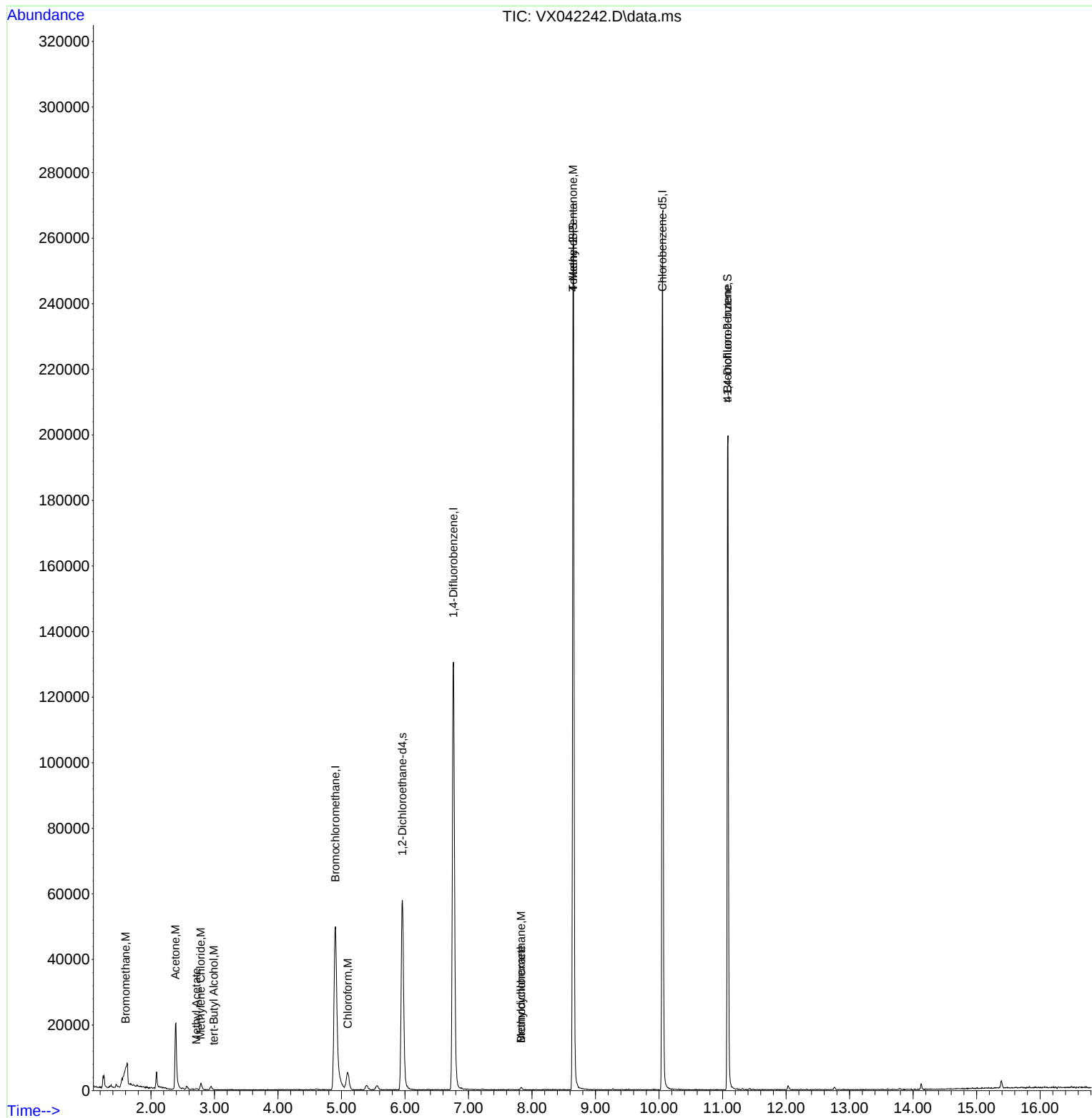
Internal Standards						
1) Bromochloromethane	4.904	128	26931	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	149573	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	133172	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	56646	30.555	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.833%
60) 4-Bromofluorobenzene	11.079	95	55110	26.734	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.100%
63) Toluene-d8	8.647	98	169671	29.780	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.267%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	420	0.412	ug/l	91
12) Methyl Acetate	2.715	43	720	0.343	ug/l	94
15) Acetone	2.386	58	7403	25.984	ug/l	100
18) Methylene Chloride	2.782	84	956	0.506	ug/l #	86
23) tert-Butyl Alcohol	2.989	59	97	0.262	ug/l #	100
25) Chloroform	5.099	83	7111	2.384	ug/l	85
38) Methylcyclohexane	7.830	83	602	0.233	ug/l #	18
41) Bromodichloromethane	7.830	83	625	0.304	ug/l #	83
58) 4-Methyl-2-Pentanone	8.647	43	613	0.257	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	24592	31.923	ug/l #	7

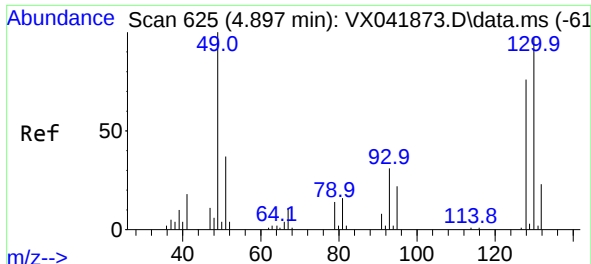
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
Data File : VX042242.D
Acq On : 09 Jul 2024 12:09
Operator : JC/MD
Sample : P3150-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

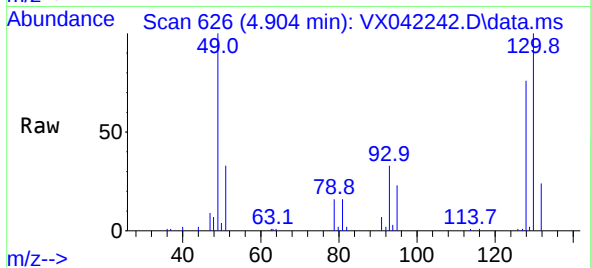
Quant Time: Jul 09 17:53:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration



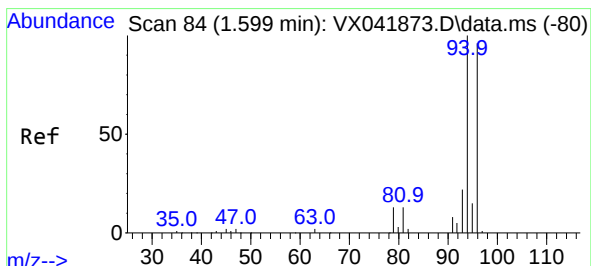
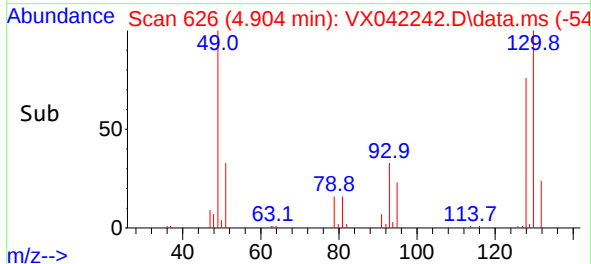
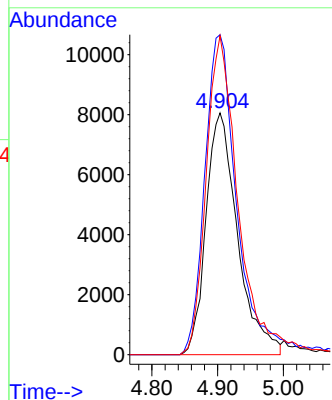


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042242.D
Acq: 09 Jul 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :

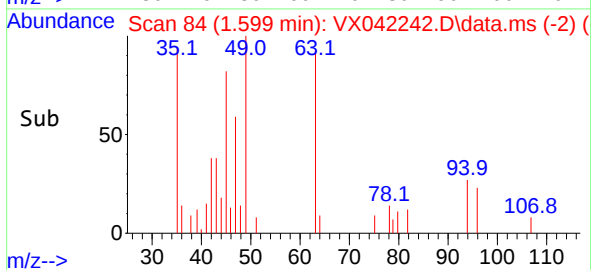
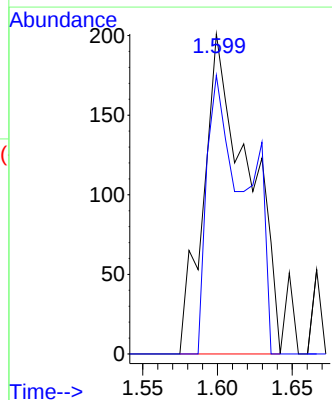
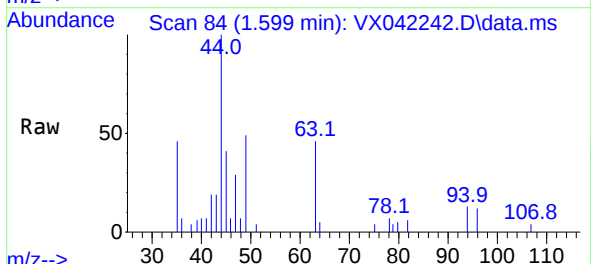


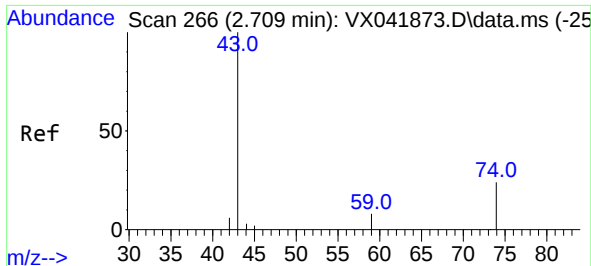
Tgt Ion:128 Resp: 26931
Ion Ratio Lower Upper
128 100
49 136.0 0.0 338.5
130 129.0 0.0 324.5



#5
Bromomethane
Concen: 0.412 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042242.D
Acq: 09 Jul 2024 12:09

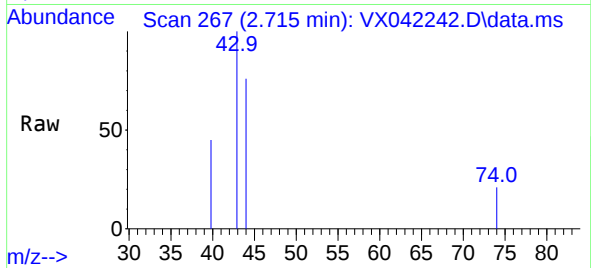
Tgt Ion: 94 Resp: 420
Ion Ratio Lower Upper
94 100
96 87.1 76.6 115.0



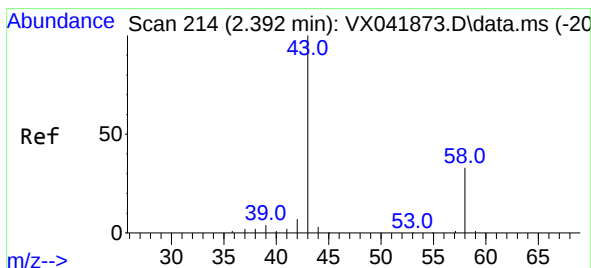
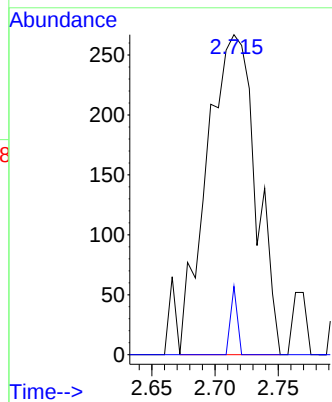
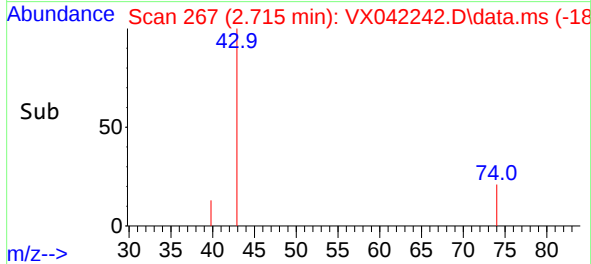


#12
Methyl Acetate
Concen: 0.343 ug/l
RT: 2.715 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX042242.D
Acq: 09 Jul 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :

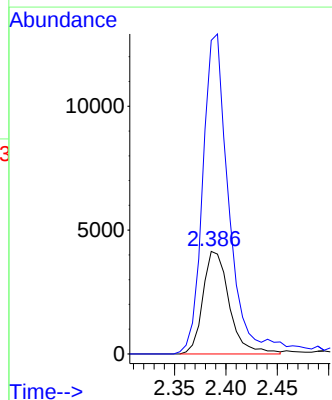
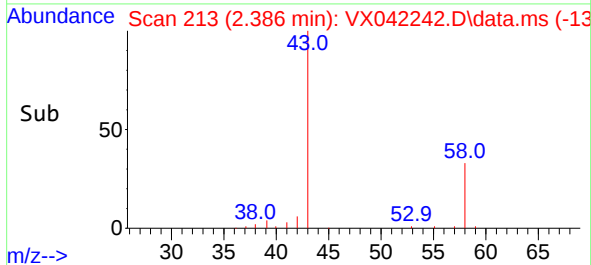
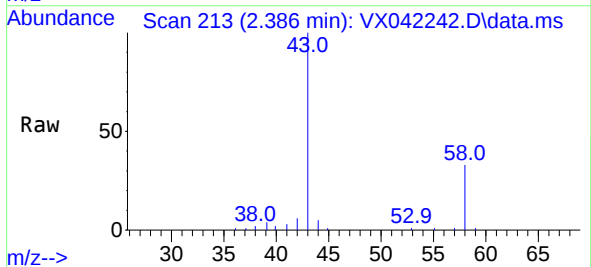


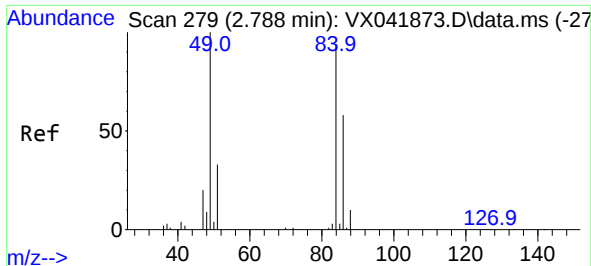
Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
74 21.3 19.4 29.2



#15
Acetone
Concen: 25.984 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX042242.D
Acq: 09 Jul 2024 12:09

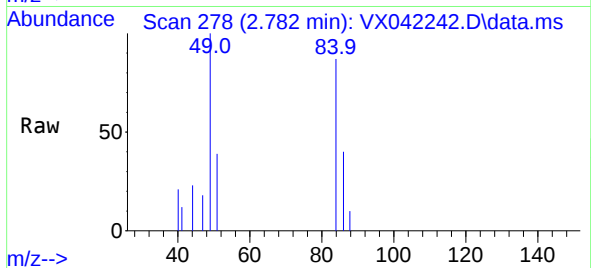
Tgt Ion: 58 Resp: 7403
Ion Ratio Lower Upper
58 100
43 303.6 243.4 365.2



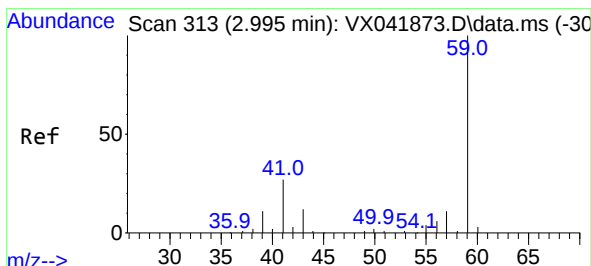
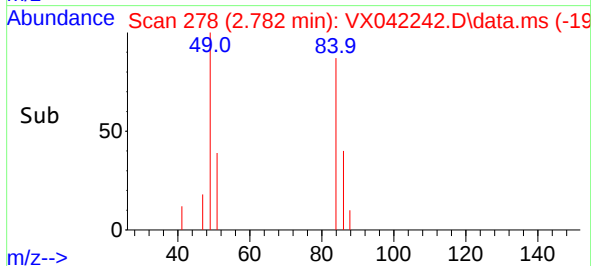
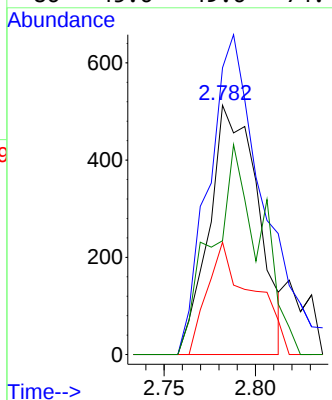


#18
Methylene Chloride
Concen: 0.506 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042242.D
Acq: 09 Jul 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :

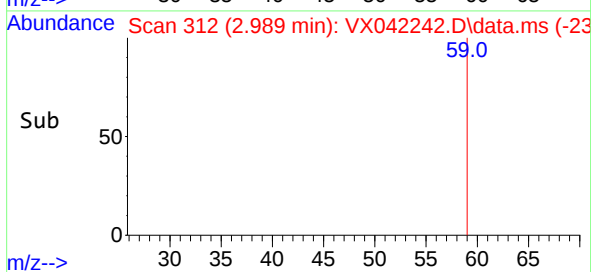
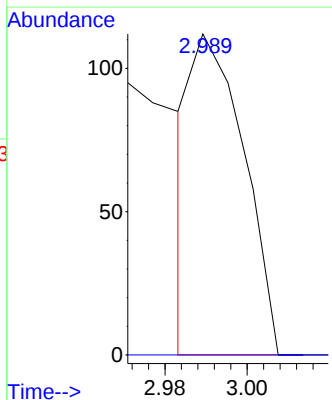
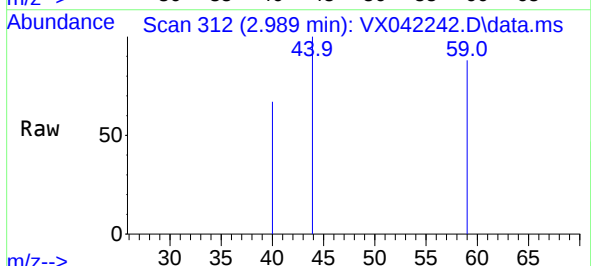


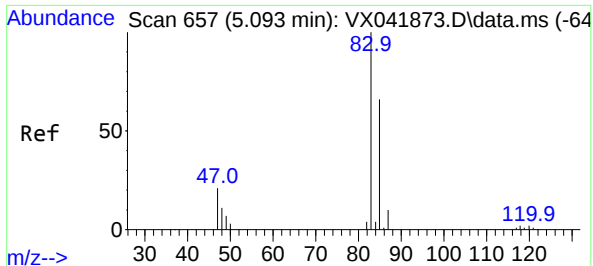
Tgt Ion: 84 Resp: 956
Ion Ratio Lower Upper
84 100
49 115.0 85.3 127.9
51 45.0 28.5 42.7#
86 45.6 49.6 74.4#



#23
tert-Butyl Alcohol
Concen: 0.262 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.006 min
Lab File: VX042242.D
Acq: 09 Jul 2024 12:09

Tgt Ion: 59 Resp: 97
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0





#25

Chloroform

Concen: 2.384 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

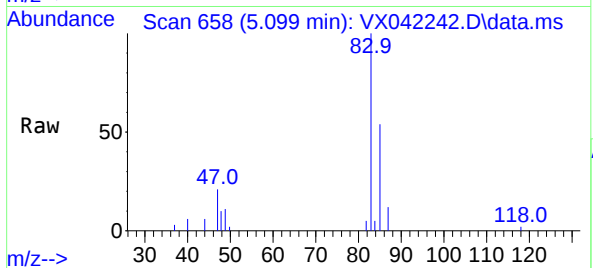
Lab File: VX042242.D

Acq: 09 Jul 2024 12:09

Instrument :

MSVOA_X

ClientSampleId :

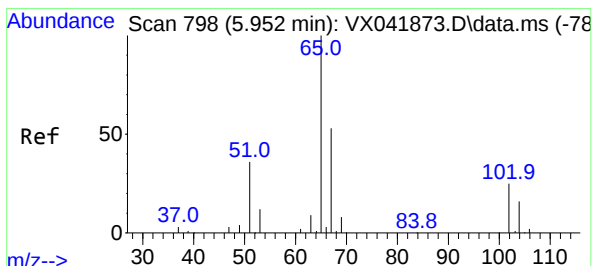
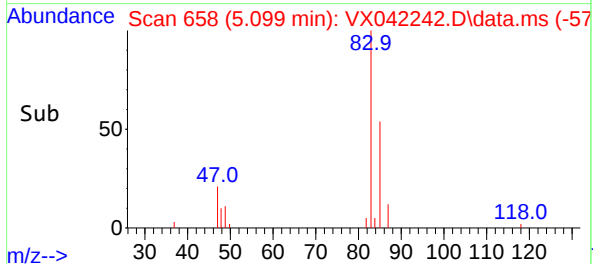
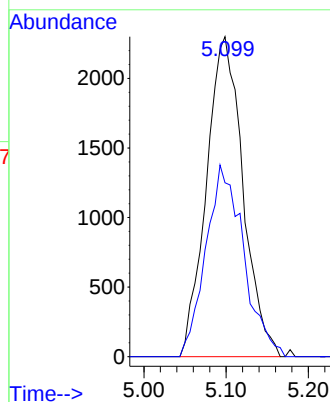


Tgt Ion: 83 Resp: 7111

Ion Ratio Lower Upper

83 100

85 54.3 52.7 79.1



#27

1,2-Dichloroethane-d4

Concen: 30.555 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX042242.D

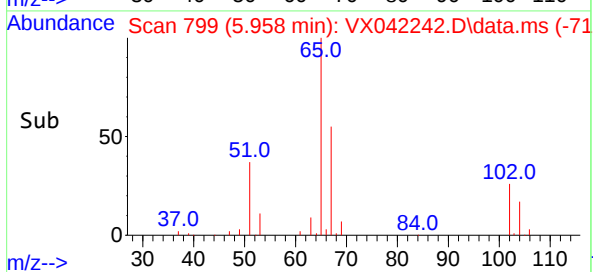
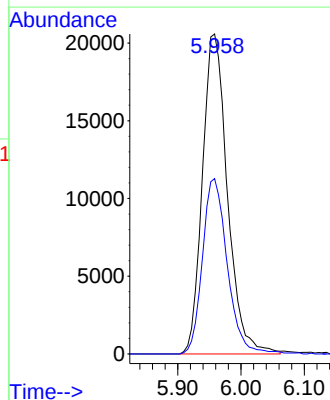
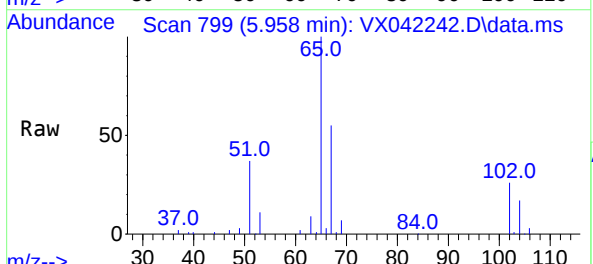
Acq: 09 Jul 2024 12:09

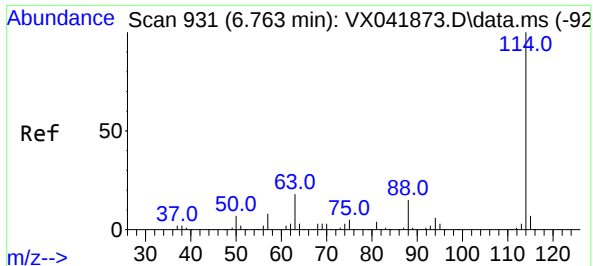
Tgt Ion: 65 Resp: 56646

Ion Ratio Lower Upper

65 100

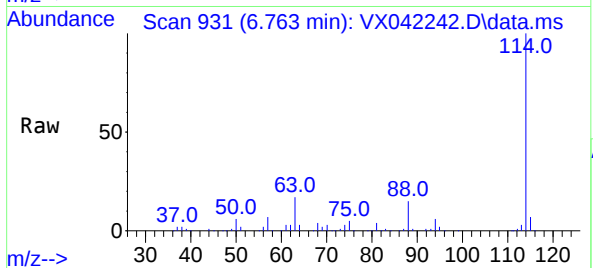
67 53.9 43.4 65.0



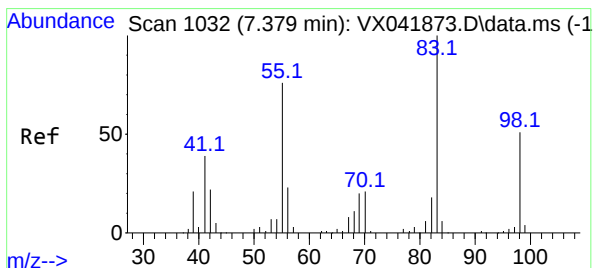
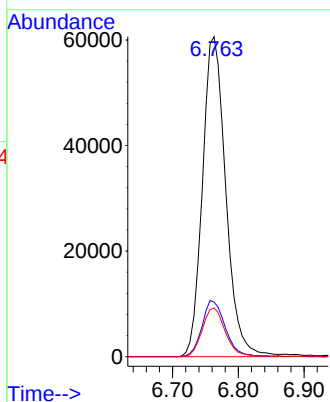
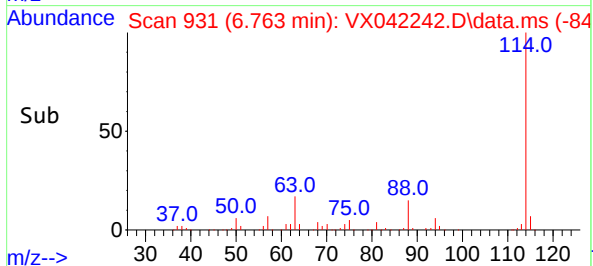


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042242.D
Acq: 09 Jul 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :

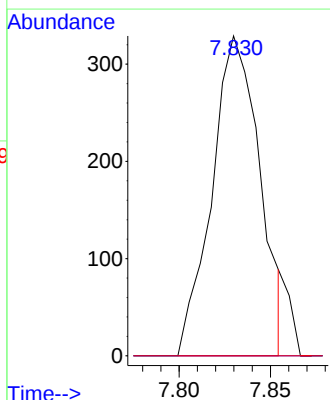
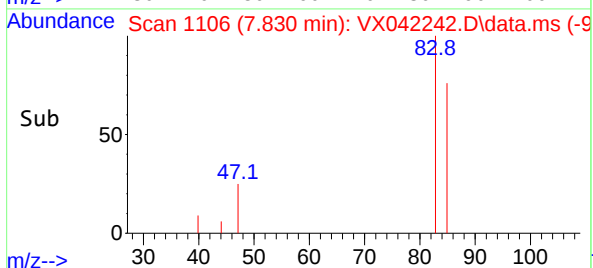
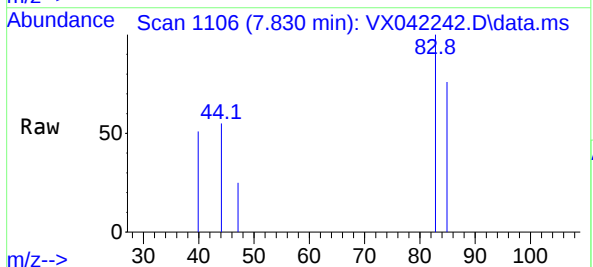


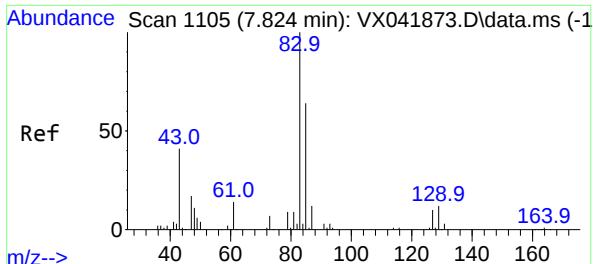
Tgt Ion:114 Resp: 149573
Ion Ratio Lower Upper
114 100
63 17.6 14.6 21.8
88 15.1 11.8 17.8



#38
Methylcyclohexane
Concen: 0.233 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.451 min
Lab File: VX042242.D
Acq: 09 Jul 2024 12:09

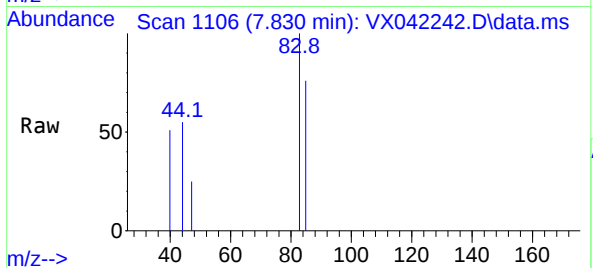
Tgt Ion: 83 Resp: 602
Ion Ratio Lower Upper
83 100
55 0.0 37.3 111.9#
98 0.0 24.8 74.4#



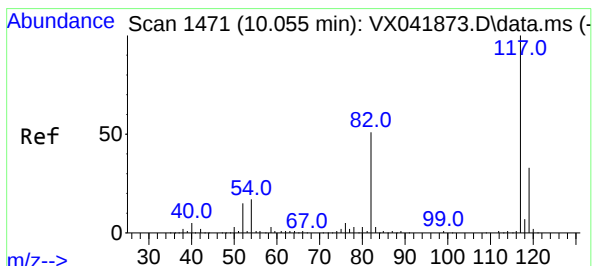
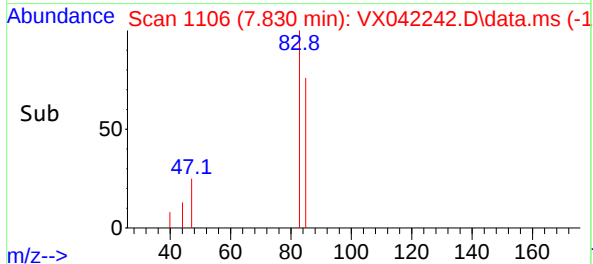
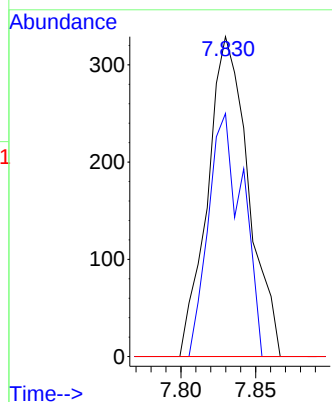


#41
Bromodichloromethane
Concen: 0.304 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX042242.D
Acq: 09 Jul 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :

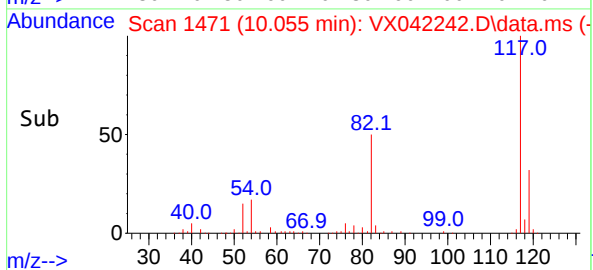
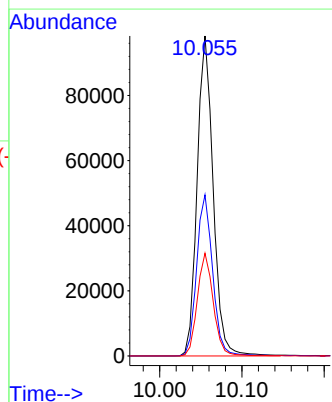
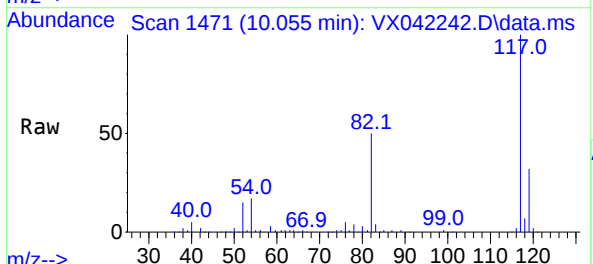


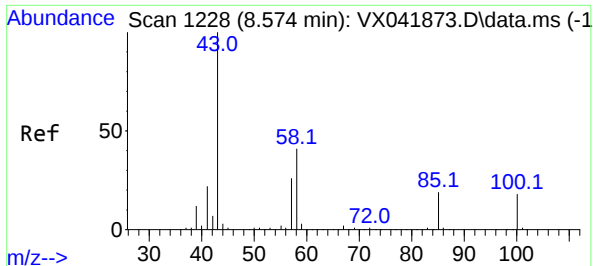
Tgt Ion: 83 Resp: 625
Ion Ratio Lower Upper
83 100
85 76.0 51.1 76.7
127 0.0 8.1 12.1#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042242.D
Acq: 09 Jul 2024 12:09

Tgt Ion: 117 Resp: 133172
Ion Ratio Lower Upper
117 100
82 49.7 41.1 61.7
119 31.8 26.1 39.1

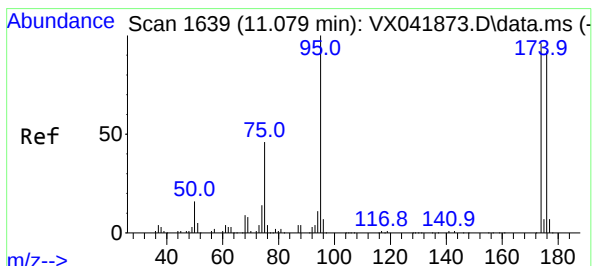
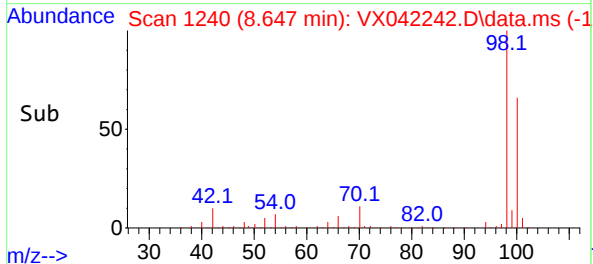
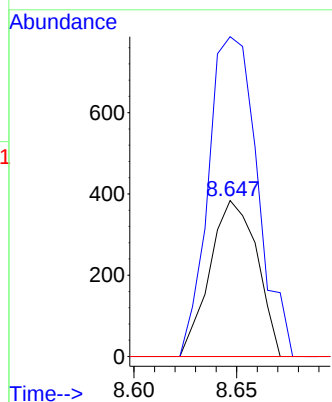
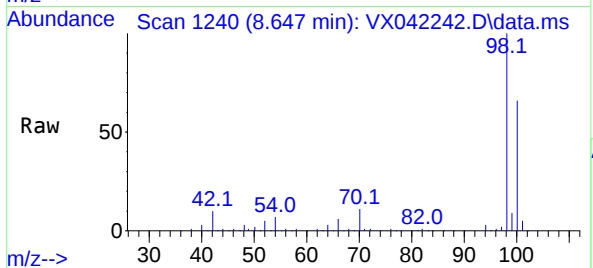




#58
4-Methyl-2-Pentanone
Concen: 0.257 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX042242.D
Acq: 09 Jul 2024 12:09

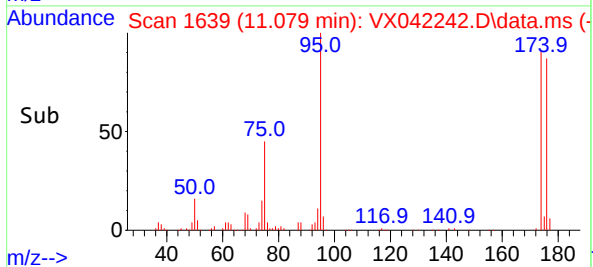
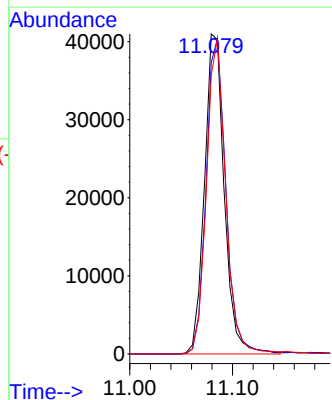
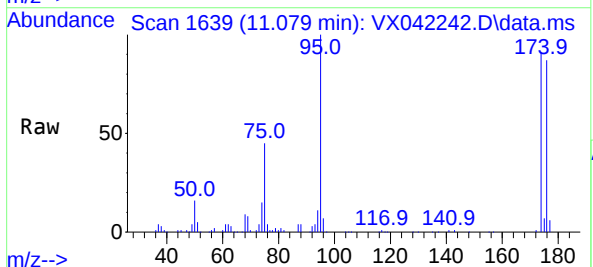
Instrument :
MSVOA_X
ClientSampleId :

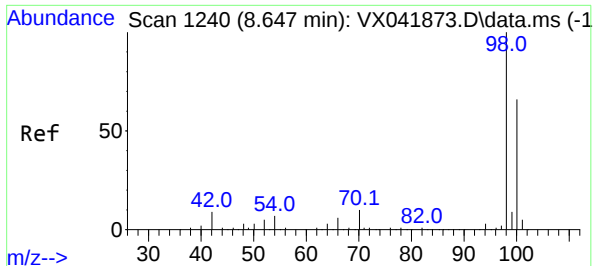
Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
58 212.9 33.2 49.8#
85 0.0 15.5 23.3#



#60
4-Bromofluorobenzene
Concen: 26.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042242.D
Acq: 09 Jul 2024 12:09

Tgt Ion: 95 Resp: 55110
Ion Ratio Lower Upper
95 100
174 98.0 78.9 118.3
176 95.6 77.1 115.7





#63

Toluene-d8

Concen: 29.780 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042242.D

Acq: 09 Jul 2024 12:09

Instrument :

MSVOA_X

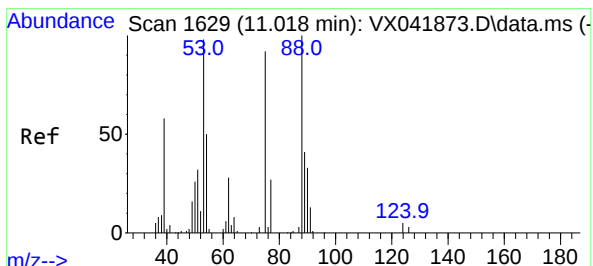
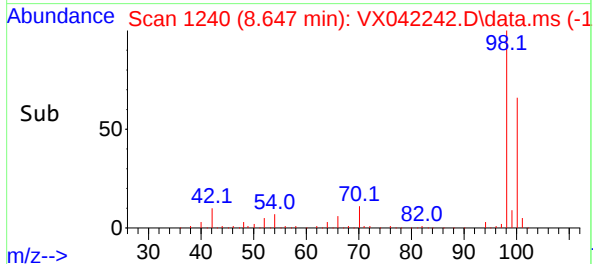
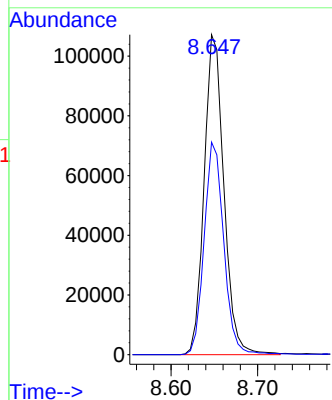
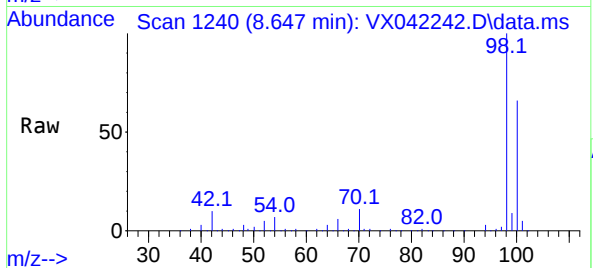
ClientSampleId :

Tgt Ion: 98 Resp: 169671

Ion Ratio Lower Upper

98 100

100 66.0 52.7 79.1



#77

t-1,4-Dichloro-2-butene

Concen: 31.923 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042242.D

Acq: 09 Jul 2024 12:09

Tgt Ion: 75 Resp: 24592

Ion Ratio Lower Upper

75 100

53 0.0 53.4 160.2#

89 0.0 22.5 67.5#

