

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
 Data File : VX042243.D
 Acq On : 09 Jul 2024 12:33
 Operator : JC/MD
 Sample : P3172-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 10 04:56:47 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)

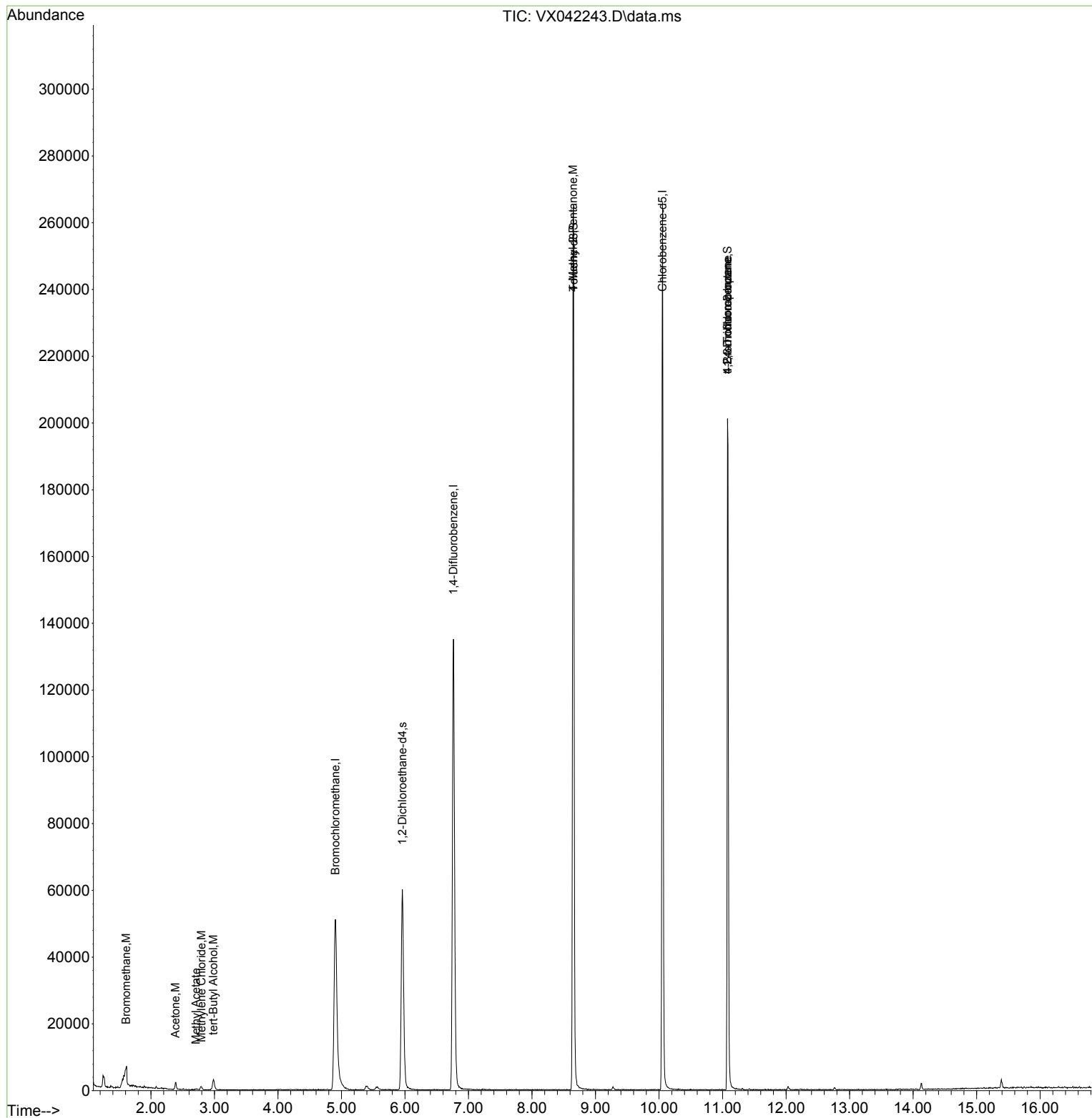
Internal Standards						
1) Bromochloromethane	4.904	128	26776	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	150559	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	133099	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	56727	30.776	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.600%
60) 4-Bromofluorobenzene	11.079	95	55864	27.115	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.367%
63) Toluene-d8	8.653	98	168886	29.658	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.867%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	328	0.324	ug/l	84
12) Methyl Acetate	2.709	43	497	0.238	ug/l #	51
15) Acetone	2.386	58	706	2.492	ug/l	87
18) Methylene Chloride	2.794	84	560	0.298	ug/l #	96
23) tert-Butyl Alcohol	2.983	59	4117	11.183	ug/l #	100
58) 4-Methyl-2-Pentanone	8.647	43	652	0.273	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	25497	12.251	ug/l	37
77) t-1,4-Dichloro-2-butene	11.079	75	25497	33.116	ug/l #	7

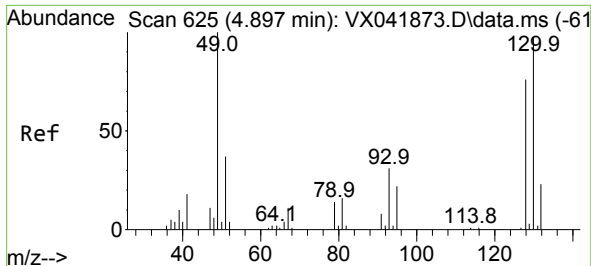
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

Quant Time: Jul 10 04:56:47 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

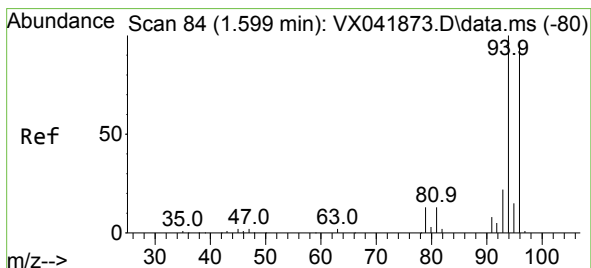
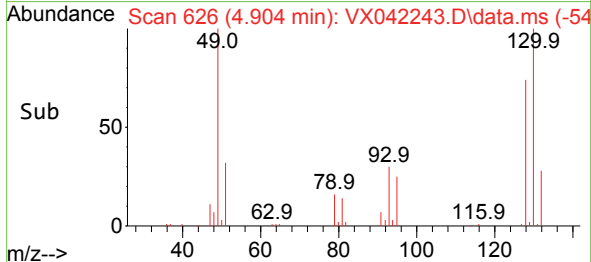
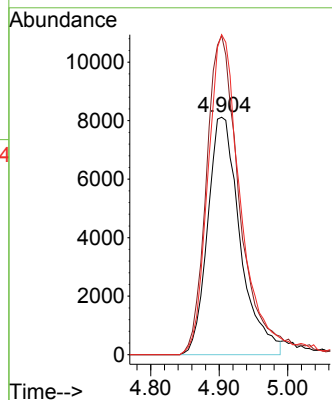
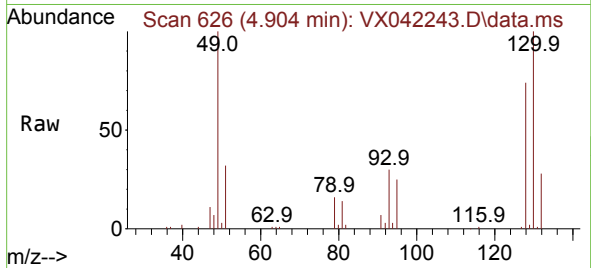




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

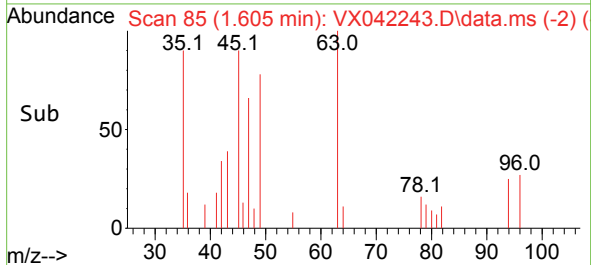
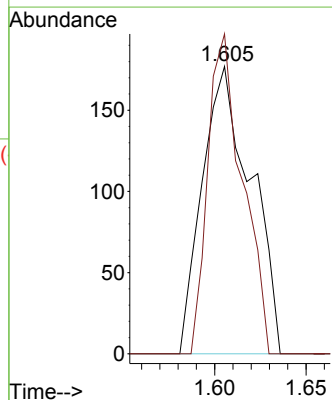
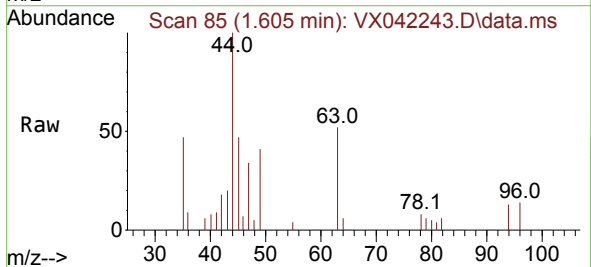
Instrument :
MSVOA_X
ClientSampleId :

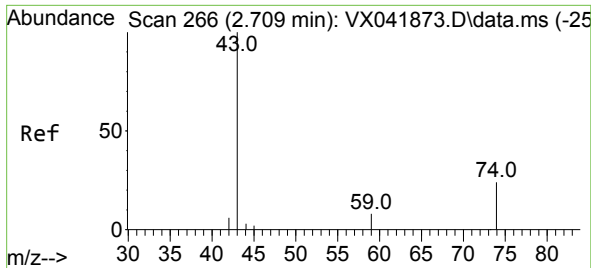
Tgt Ion:128 Resp: 26776
Ion Ratio Lower Upper
128 100
49 137.4 0.0 338.5
130 135.4 0.0 324.5



#5
Bromomethane
Concen: 0.324 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

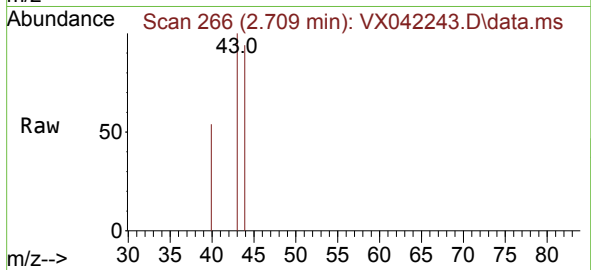
Tgt Ion: 94 Resp: 328
Ion Ratio Lower Upper
94 100
96 111.3 76.6 115.0



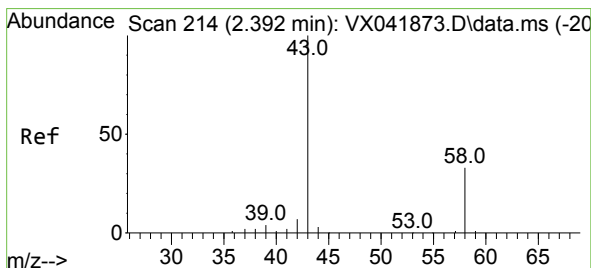
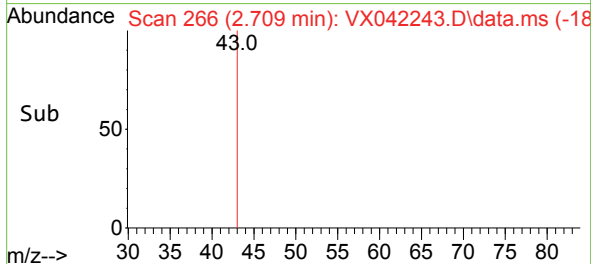
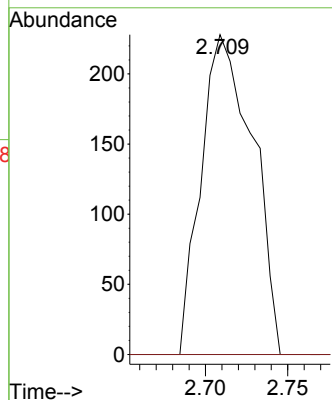


#12
Methyl Acetate
Concen: 0.238 ug/l
RT: 2.709 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

Instrument :
MSVOA_X
ClientSampleId :

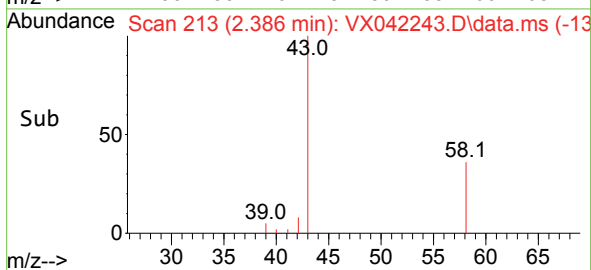
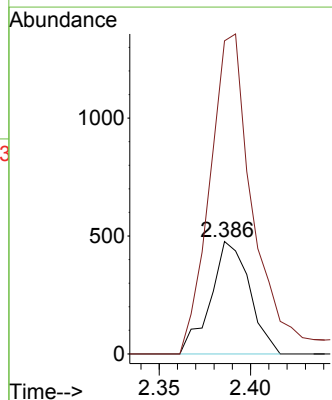
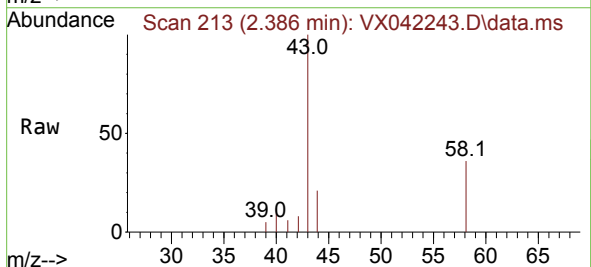


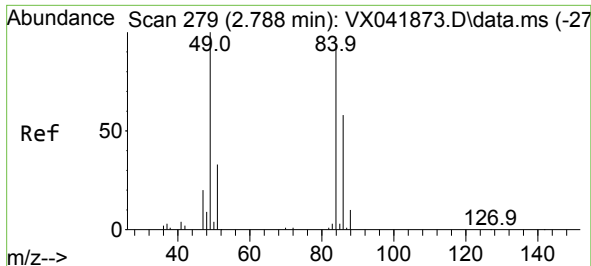
Tgt Ion: 43 Resp: 497
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#15
Acetone
Concen: 2.492 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

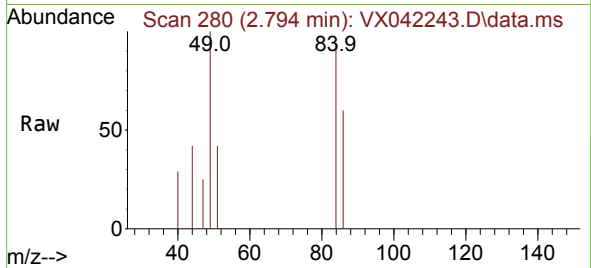
Tgt Ion: 58 Resp: 706
Ion Ratio Lower Upper
58 100
43 278.4 243.4 365.2



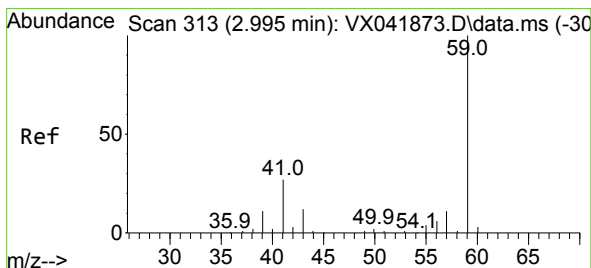
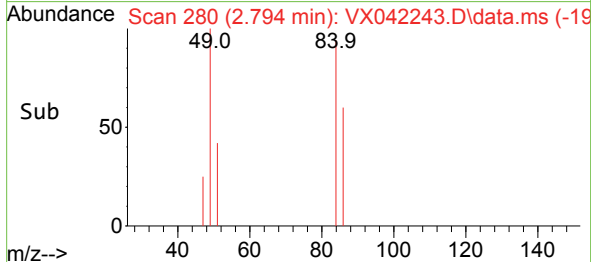
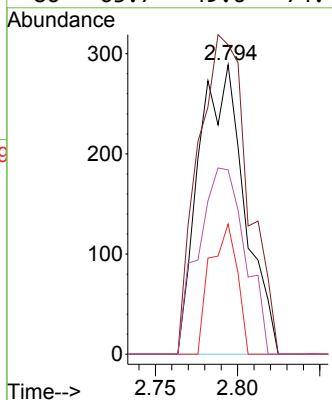


#18
Methylene Chloride
Concen: 0.298 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

Instrument :
MSVOA_X
ClientSampleId :

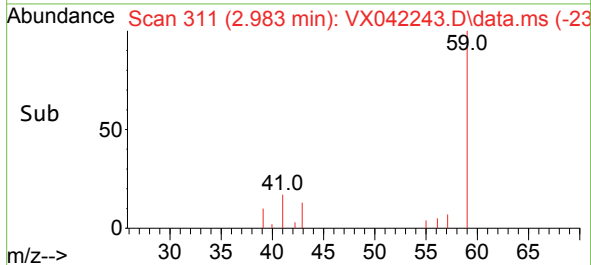
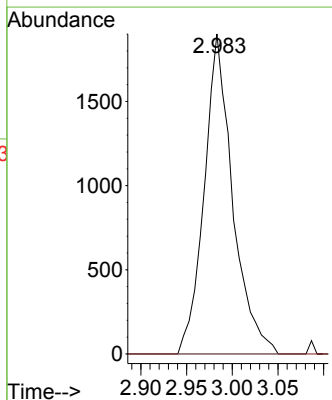
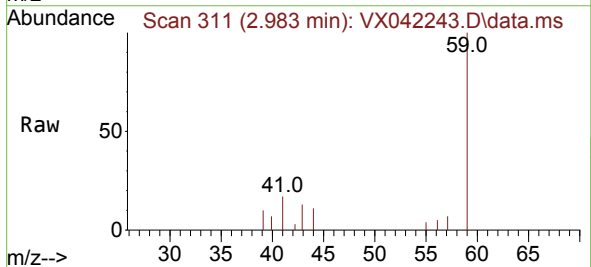


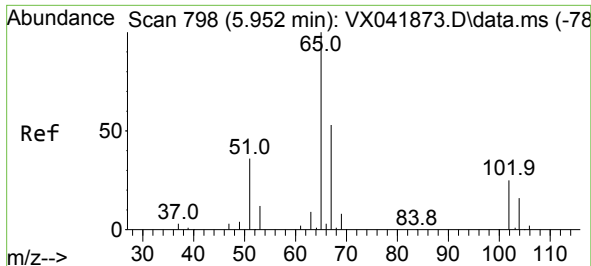
Tgt Ion: 84 Resp: 560
Ion Ratio Lower Upper
84 100
49 106.9 85.3 127.9
51 45.0 28.5 42.7#
86 63.7 49.6 74.4



#23
tert-Butyl Alcohol
Concen: 11.183 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

Tgt Ion: 59 Resp: 4117
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

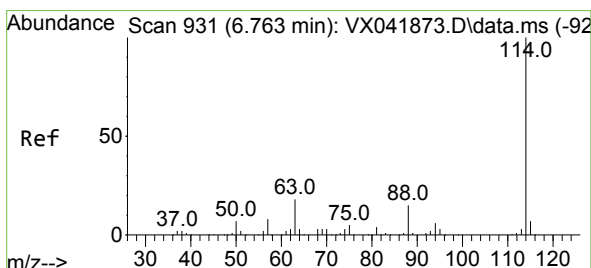
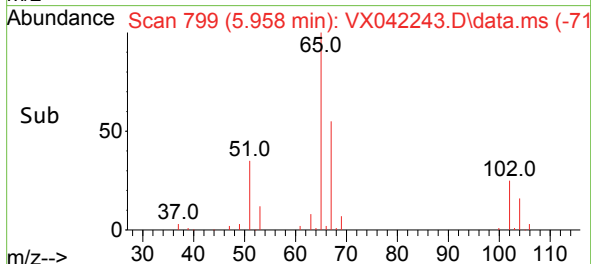
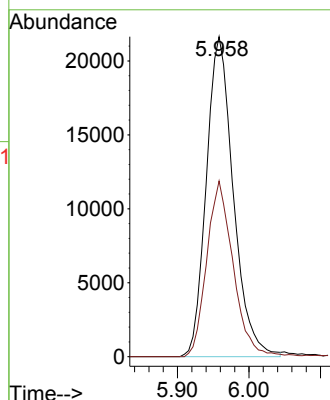
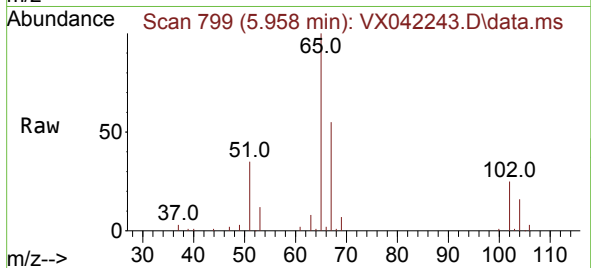




#27
1,2-Dichloroethane-d4
Concen: 30.776 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

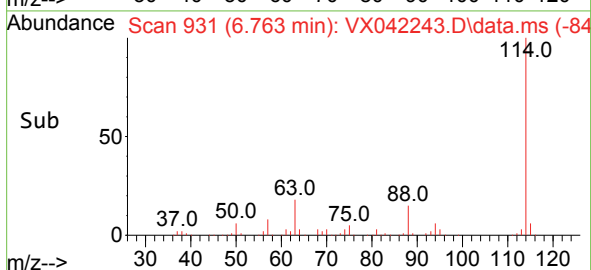
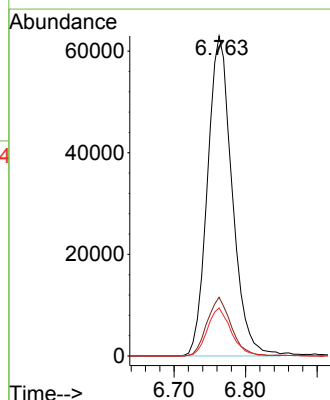
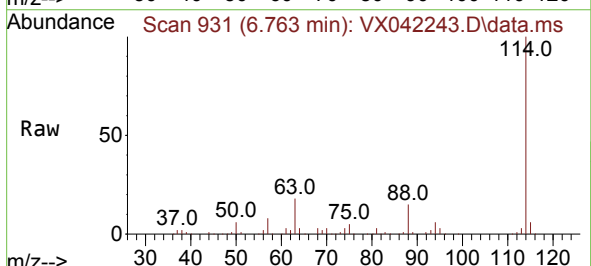
Instrument :
MSVOA_X
ClientSampleId :

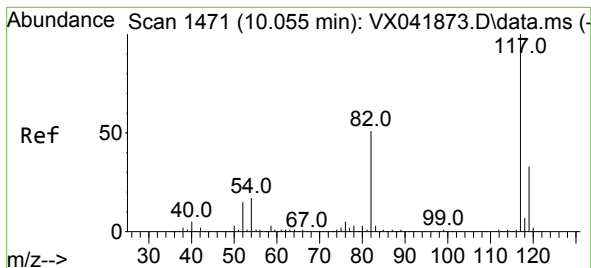
Tgt Ion: 65 Resp: 56727
Ion Ratio Lower Upper
65 100
67 53.5 43.4 65.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

Tgt Ion:114 Resp: 150559
Ion Ratio Lower Upper
114 100
63 17.9 14.6 21.8
88 14.5 11.8 17.8

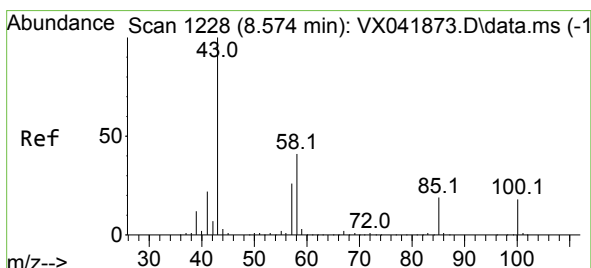
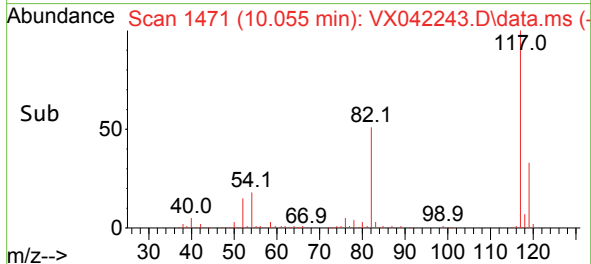
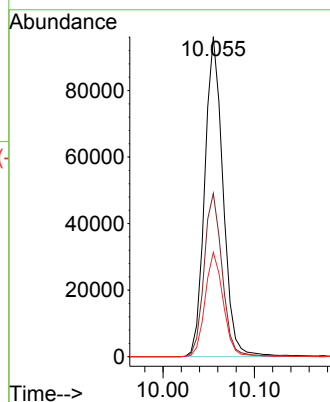
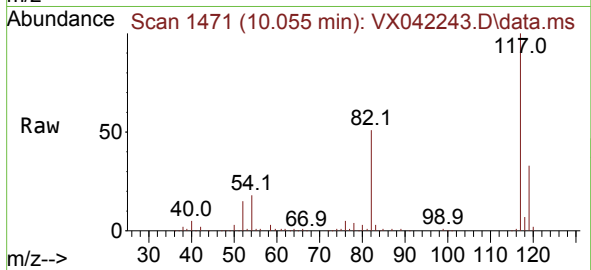




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

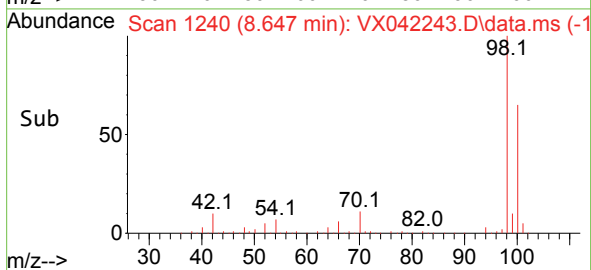
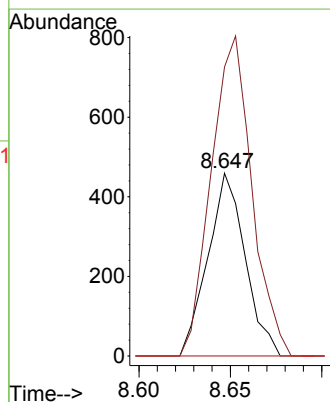
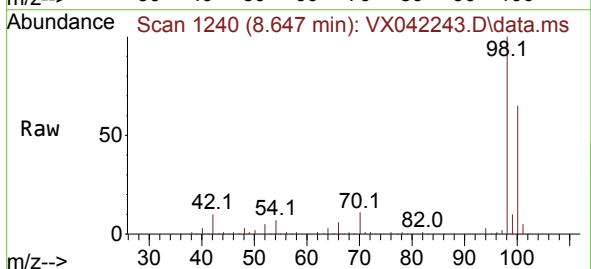
Instrument :
MSVOA_X
ClientSampleId :

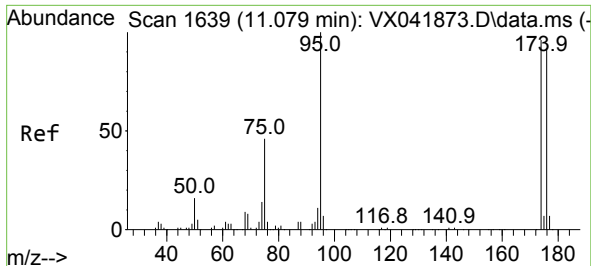
Tgt Ion: 117 Resp: 133099
Ion Ratio Lower Upper
117 100
82 50.5 41.1 61.7
119 32.5 26.1 39.1



#58
4-Methyl-2-Pentanone
Concen: 0.273 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

Tgt Ion: 43 Resp: 652
Ion Ratio Lower Upper
43 100
58 191.1 33.2 49.8#
85 0.0 15.5 23.3#

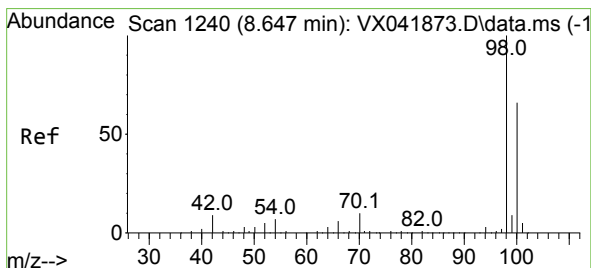
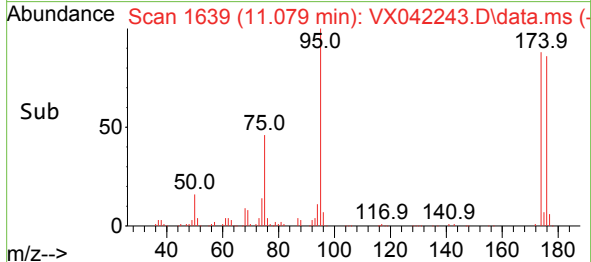
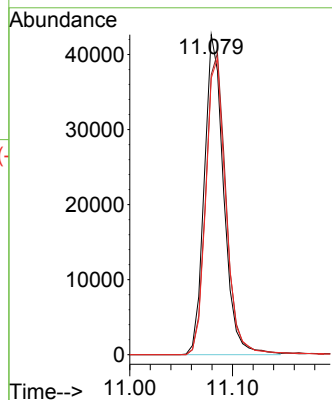
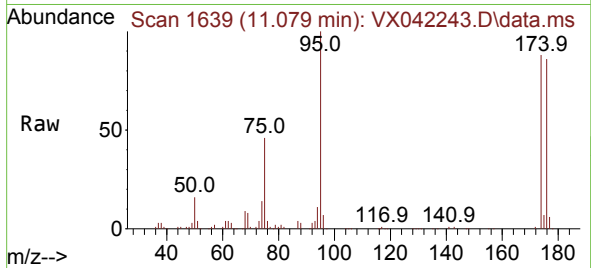




#60
4-Bromofluorobenzene
Concen: 27.115 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

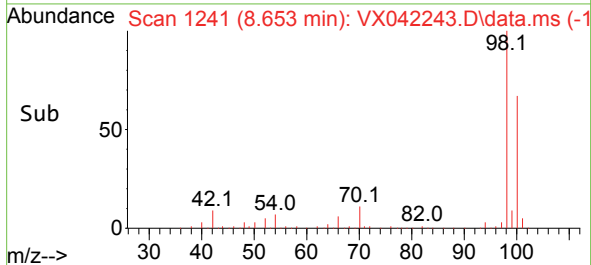
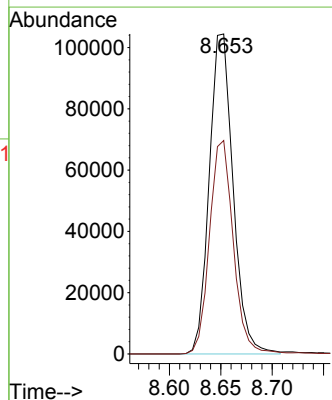
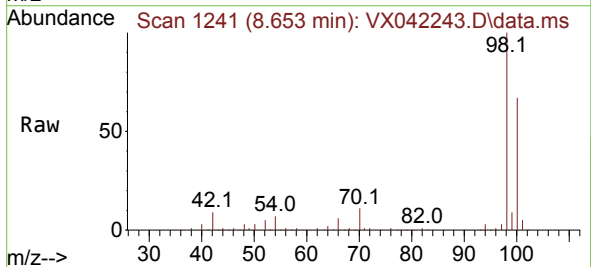
Instrument :
MSVOA_X
ClientSampleId :

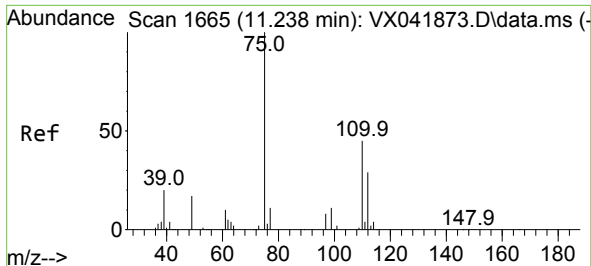
Tgt Ion: 95 Resp: 55864
Ion Ratio Lower Upper
95 100
174 98.1 78.9 118.3
176 96.2 77.1 115.7



#63
Toluene-d8
Concen: 29.658 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

Tgt Ion: 98 Resp: 168886
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1

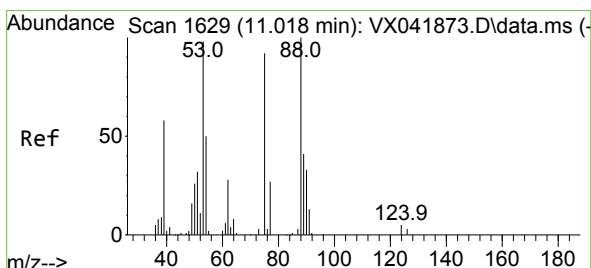
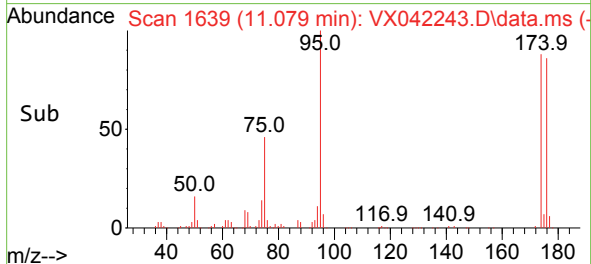
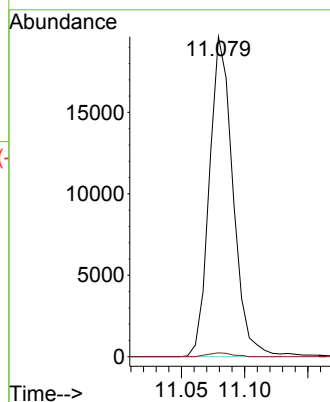
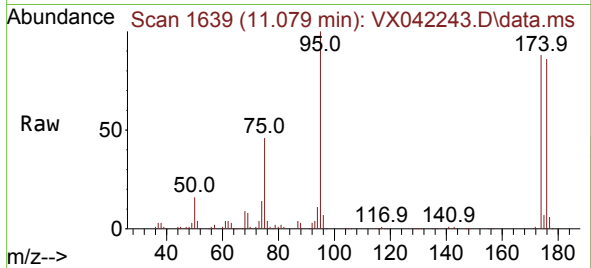




#72
1,2,3-Trichloropropane
Concen: 12.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 25497
Ion Ratio Lower Upper
75 100
77 1.3 0.0 79.6



#77
t-1,4-Dichloro-2-butene
Concen: 33.116 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

Tgt Ion: 75 Resp: 25497
Ion Ratio Lower Upper
75 100
53 0.0 53.4 160.2#
89 0.0 22.5 67.5#

