

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041891.D
 Acq On : 14 Jun 2024 20:31
 Operator : JC/MD
 Sample : P2806-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240606073-01-TRIP-BLANK

Quant Time: Jun 15 04:16:46 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)

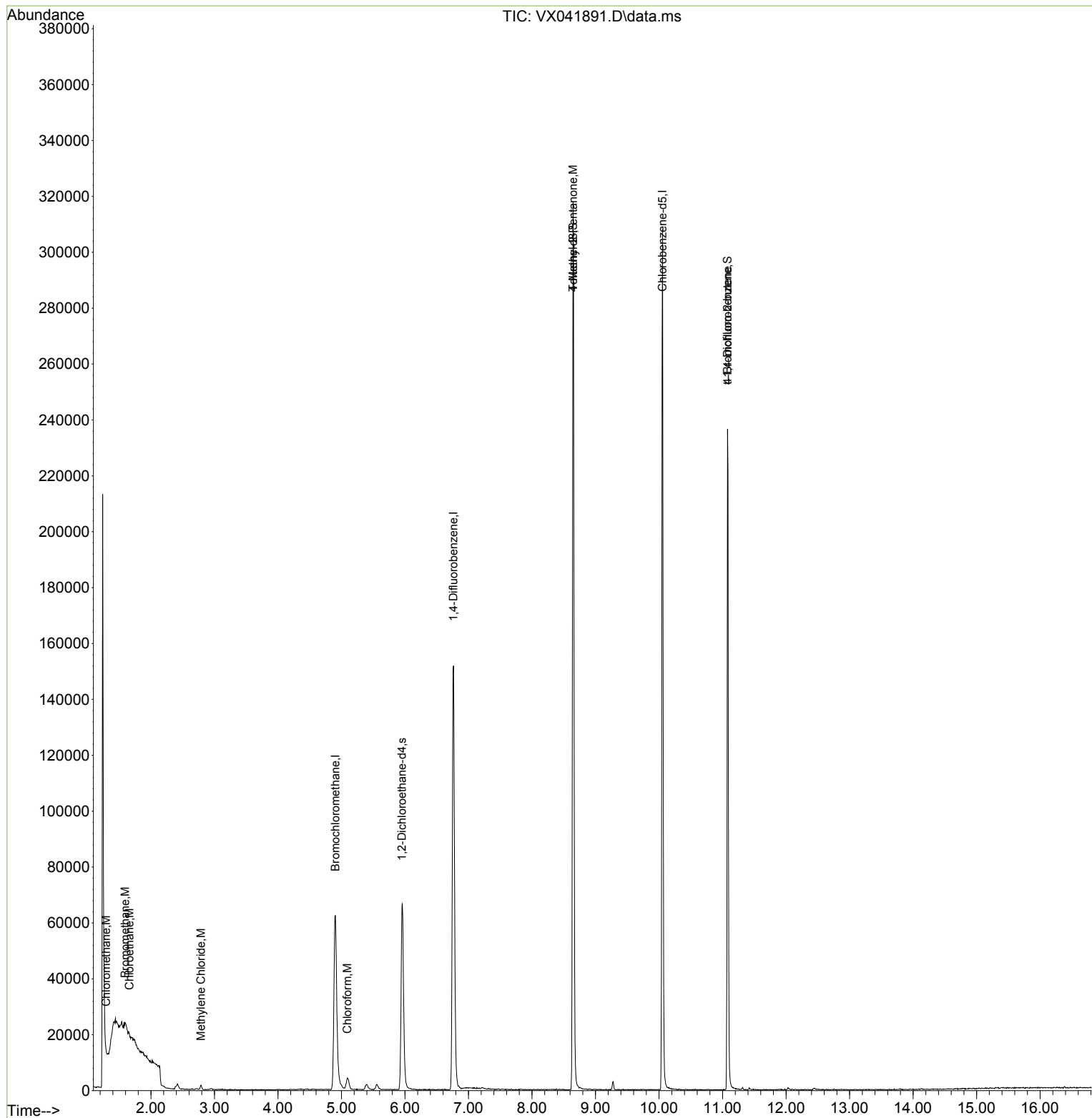
Internal Standards						
1) Bromochloromethane	4.904	128	32741	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	170655	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	152209	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	64602	28.663	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.533%		
60) 4-Bromofluorobenzene	11.079	95	64154	27.229	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	90.767%		
63) Toluene-d8	8.647	98	198351	30.459	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.533%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	488	0.206	ug/l #	82
5) Bromomethane	1.593	94	337	0.272	ug/l #	63
6) Chloroethane	1.660	64	3650	3.687	ug/l #	48
18) Methylene Chloride	2.788	84	812	0.354	ug/l	90
25) Chloroform	5.093	83	5584	1.540	ug/l	92
58) 4-Methyl-2-Pentanone	8.647	43	725	0.266	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	28927	32.854	ug/l #	7

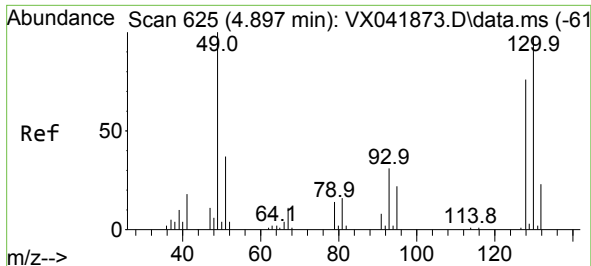
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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240606073-01-TRIP-BLANK

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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

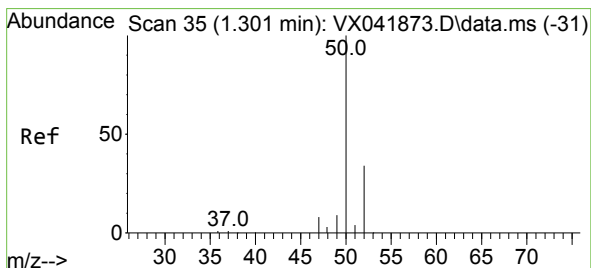
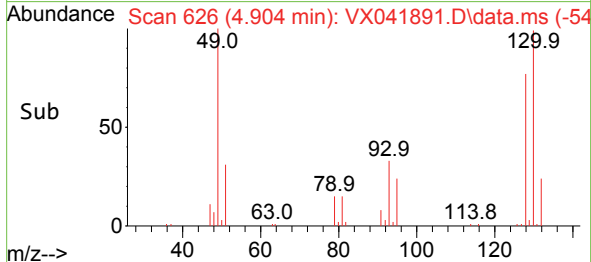
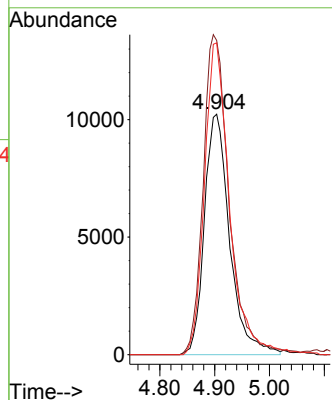
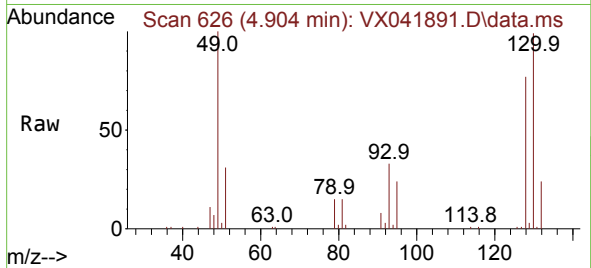




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041891.D
Acq: 14 Jun 2024 20:31

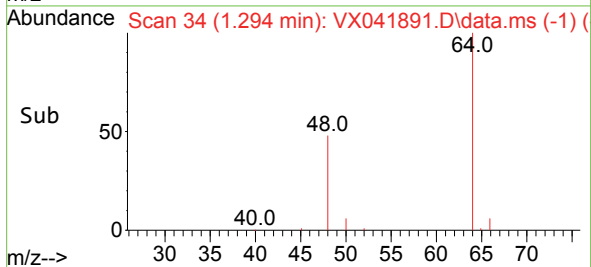
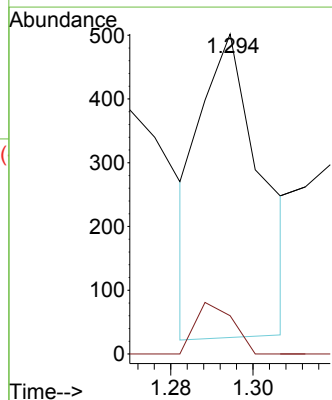
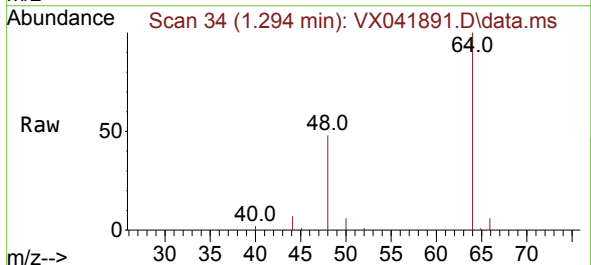
Instrument :
MSVOA_X
ClientSampleId :
240606073-01-TRIP-BLANK

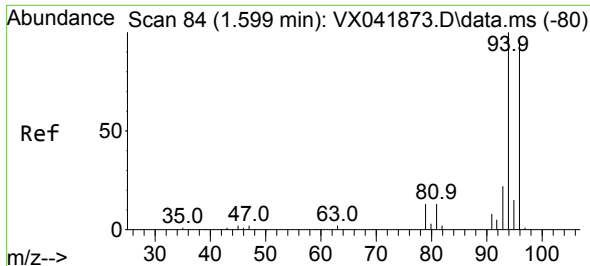
Tgt Ion:128 Resp: 32741
Ion Ratio Lower Upper
128 100
49 137.1 0.0 338.5
130 128.6 0.0 324.5



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041891.D
Acq: 14 Jun 2024 20:31

Tgt Ion: 50 Resp: 488
Ion Ratio Lower Upper
50 100
52 23.6 26.9 40.3#

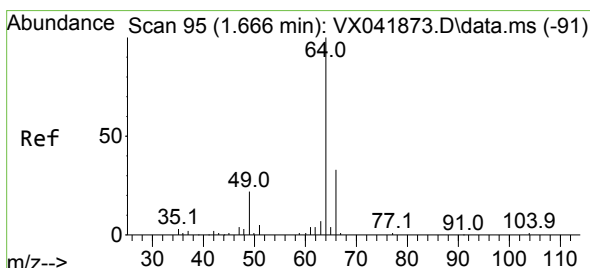
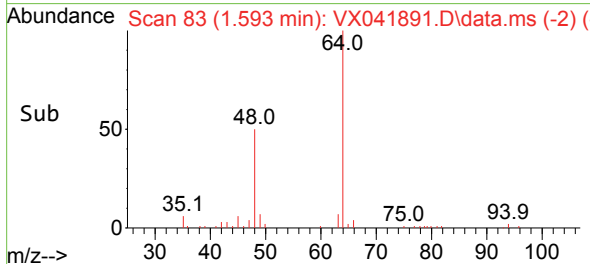
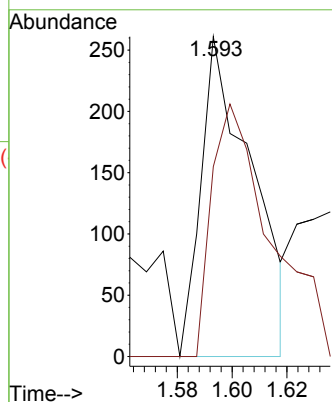
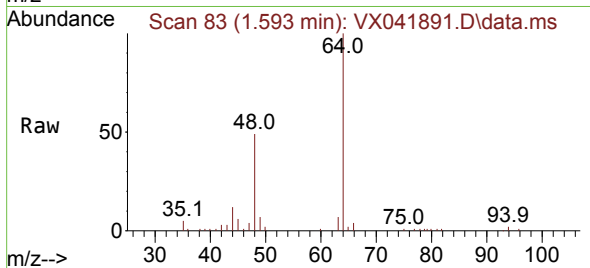




#5
Bromomethane
Concen: 0.272 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041891.D
Acq: 14 Jun 2024 20:31

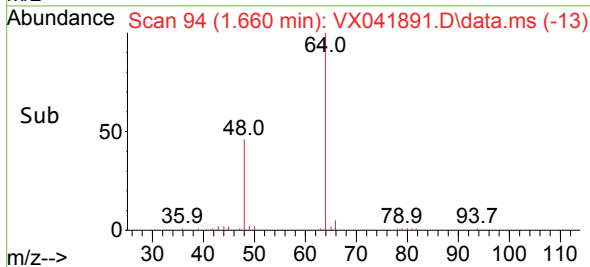
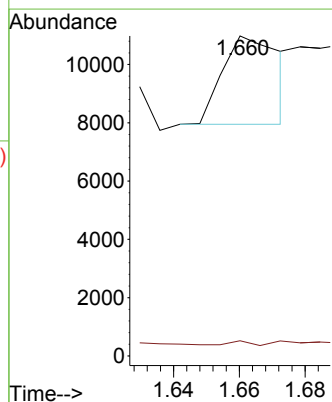
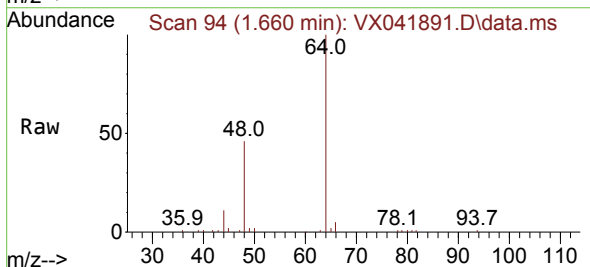
Instrument :
MSVOA_X
ClientSampleId :
240606073-01-TRIP-BLANK

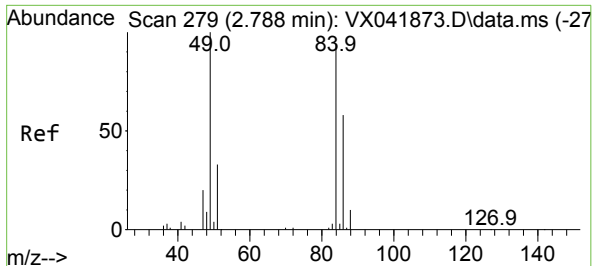
Tgt Ion: 94 Resp: 337
Ion Ratio Lower Upper
94 100
96 59.4 76.6 115.0#



#6
Chloroethane
Concen: 3.687 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041891.D
Acq: 14 Jun 2024 20:31

Tgt Ion: 64 Resp: 3650
Ion Ratio Lower Upper
64 100
66 3.8 26.4 39.6#

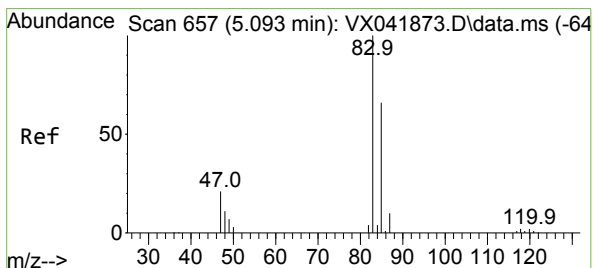
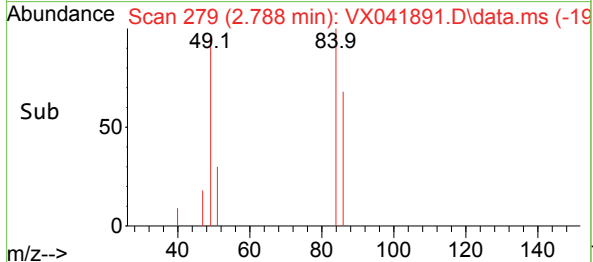
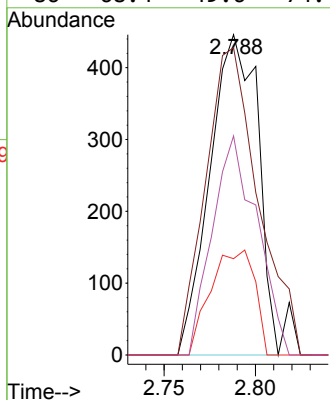
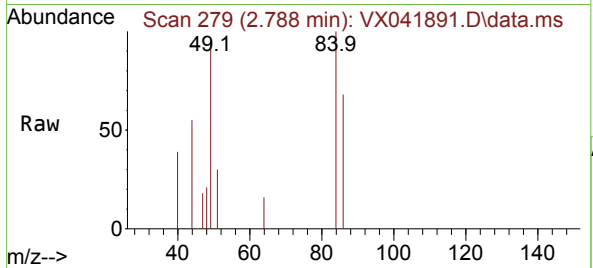




#18
Methylene Chloride
Concen: 0.354 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041891.D
Acq: 14 Jun 2024 20:31

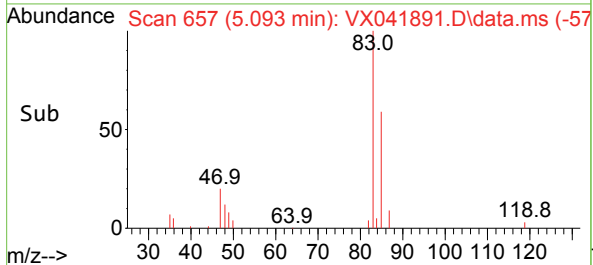
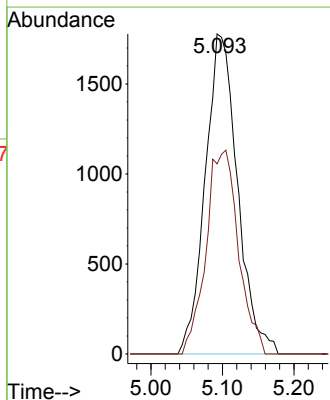
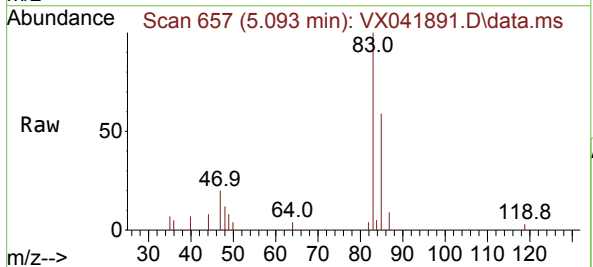
Instrument :
MSVOA_X
ClientSampleId :
240606073-01-TRIP-BLANK

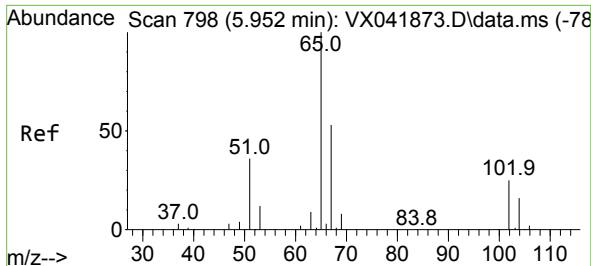
Tgt Ion:	84	Resp:	812
Ion	Ratio	Lower	Upper
84	100		
49	96.0	85.3	127.9
51	30.0	28.5	42.7
86	68.4	49.6	74.4



#25
Chloroform
Concen: 1.540 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX041891.D
Acq: 14 Jun 2024 20:31

Tgt Ion:	83	Resp:	5584
Ion	Ratio	Lower	Upper
83	100		
85	59.4	52.7	79.1





#27

1,2-Dichloroethane-d4

Concen: 28.663 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041891.D

Acq: 14 Jun 2024 20:31

Instrument :

MSVOA_X

ClientSampleId :

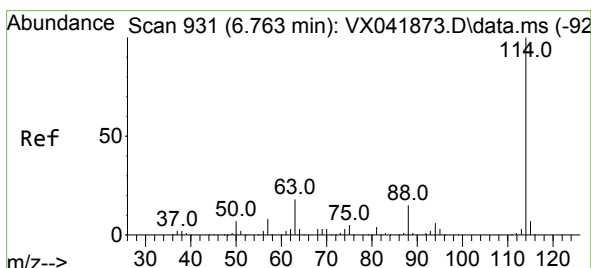
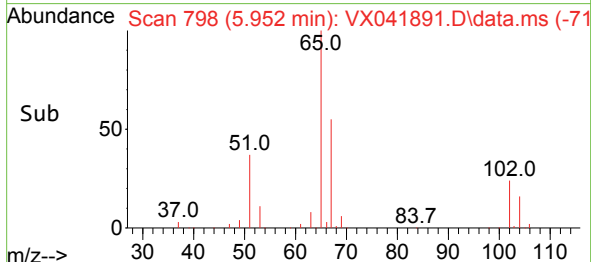
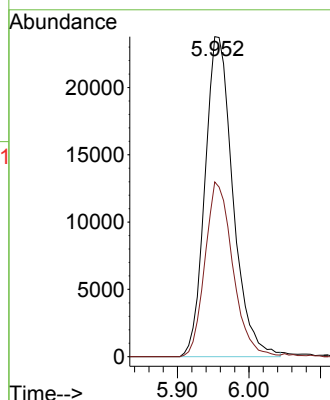
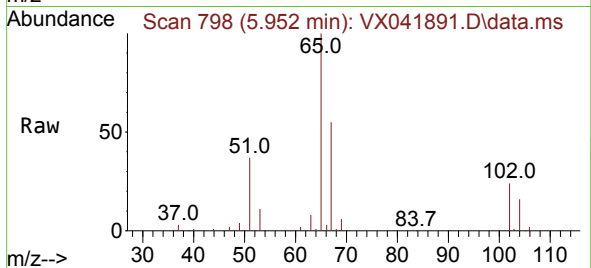
240606073-01-TRIP-BLANK

Tgt Ion: 65 Resp: 64602

Ion Ratio Lower Upper

65 100

67 54.1 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: VX041891.D

Acq: 14 Jun 2024 20:31

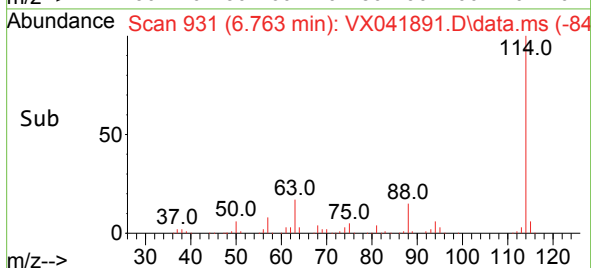
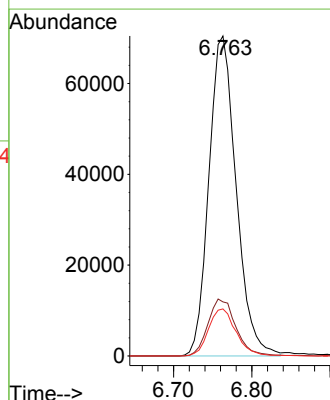
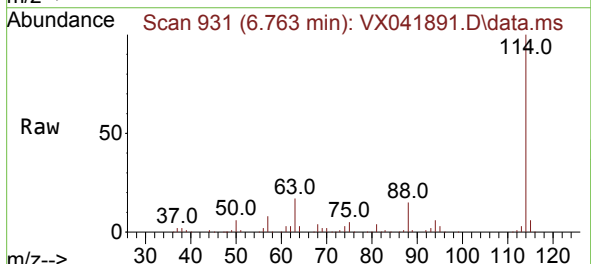
Tgt Ion: 114 Resp: 170655

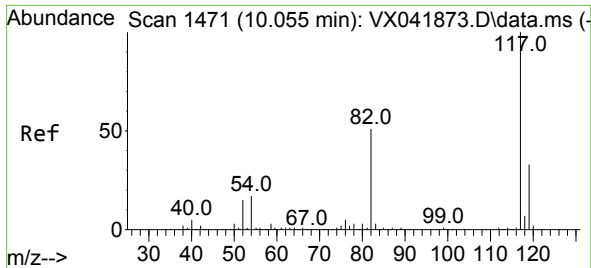
Ion Ratio Lower Upper

114 100

63 18.2 14.6 21.8

88 14.7 11.8 17.8

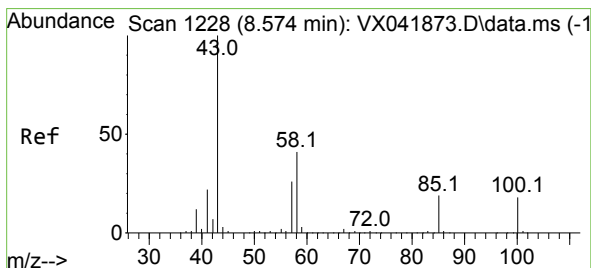
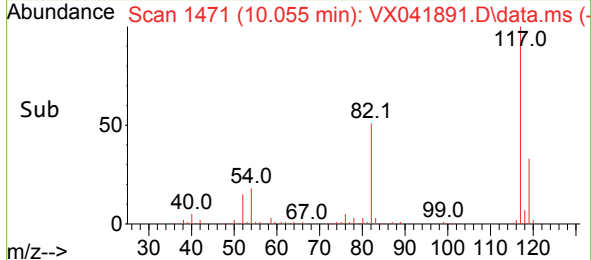
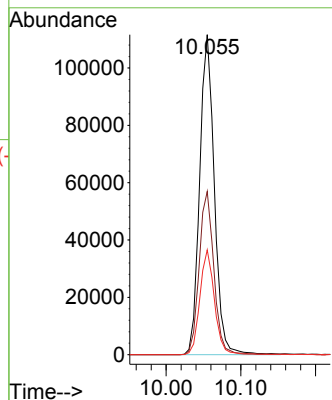
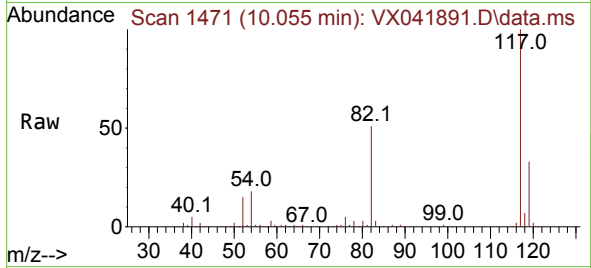




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041891.D
Acq: 14 Jun 2024 20:31

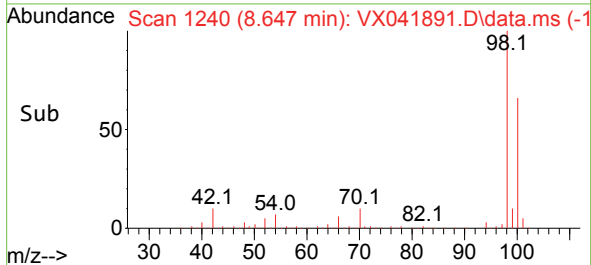
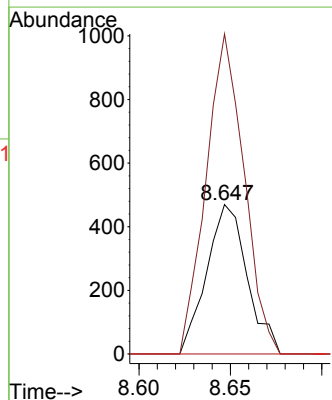
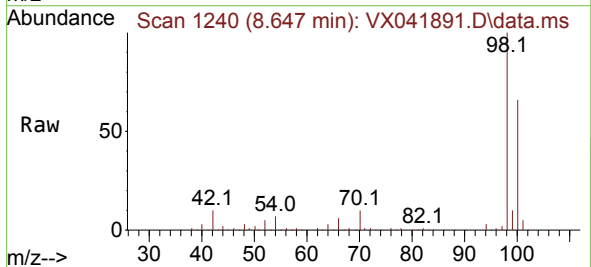
Instrument :
MSVOA_X
ClientSampleId :
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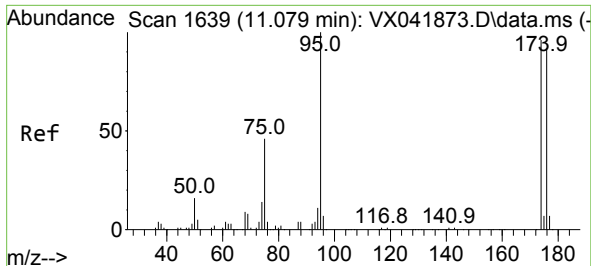
Tgt Ion:117 Resp: 152209
Ion Ratio Lower Upper
117 100
82 51.1 41.1 61.7
119 32.3 26.1 39.1



#58
4-Methyl-2-Pentanone
Concen: 0.266 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX041891.D
Acq: 14 Jun 2024 20:31

Tgt Ion: 43 Resp: 725
Ion Ratio Lower Upper
43 100
58 200.7 33.2 49.8#
85 0.0 15.5 23.3#

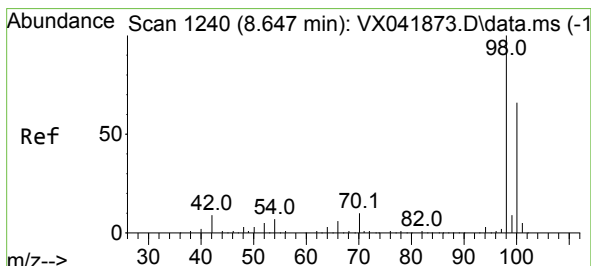
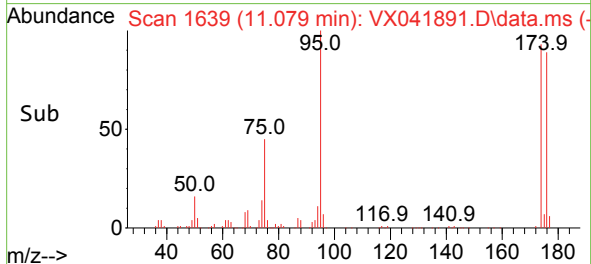
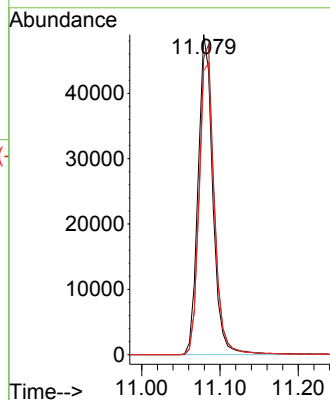
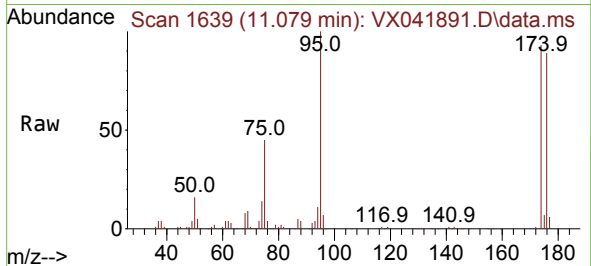




#60
4-Bromofluorobenzene
Concen: 27.229 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041891.D
Acq: 14 Jun 2024 20:31

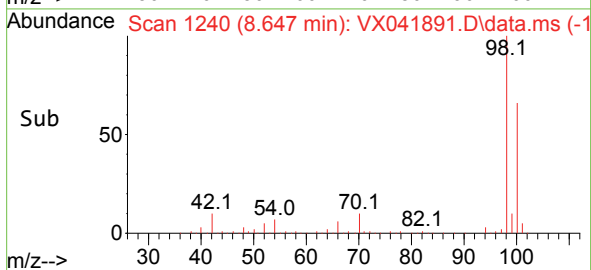
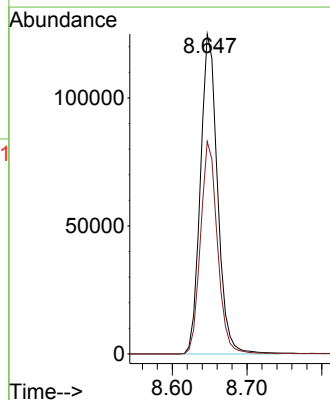
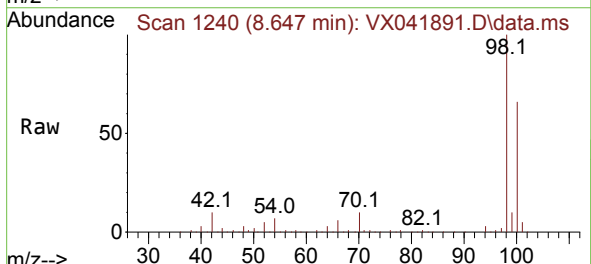
Instrument :
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ClientSampleId :
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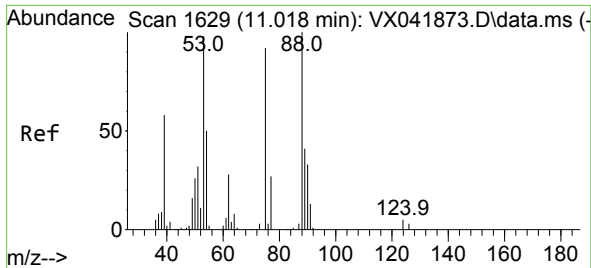
Tgt Ion: 95 Resp: 64154
Ion Ratio Lower Upper
95 100
174 98.8 78.9 118.3
176 94.1 77.1 115.7



#63
Toluene-d8
Concen: 30.459 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041891.D
Acq: 14 Jun 2024 20:31

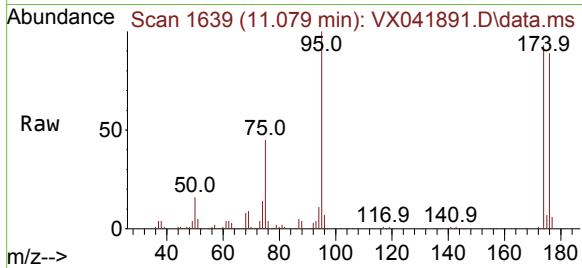
Tgt Ion: 98 Resp: 198351
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1





#77
 t-1,4-Dichloro-2-butene
 Concen: 32.854 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041891.D
 Acq: 14 Jun 2024 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 240606073-01-TRIP-BLANK



Tgt Ion: 75 Resp: 28927
 Ion Ratio Lower Upper
 75 100
 53 0.0 53.4 160.2#
 89 0.0 22.5 67.5#

