

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041894.D
 Acq On : 14 Jun 2024 21:41
 Operator : JC/MD
 Sample : P2865-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240611002-05-TRIP-BLANK

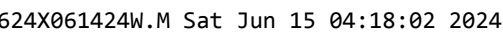
Quant Time: Jun 15 04:17:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	30924	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	160720	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	144640	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	61093	28.699	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.667%
60) 4-Bromofluorobenzene	11.079	95	58662	26.201	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.333%
63) Toluene-d8	8.647	98	186119	30.076	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.267%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	237	0.203	ug/l	86
6) Chloroethane	1.666	64	2658	2.843	ug/l #	50
15) Acetone	2.385	58	620	1.895	ug/l #	43
18) Methylene Chloride	2.788	84	584	0.269	ug/l #	85
25) Chloroform	5.098	83	4539	1.325	ug/l	94
56) Bromoform	11.079	173	430	0.269	ug/l #	1
58) 4-Methyl-2-Pentanone	8.647	43	697	0.269	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	26849	32.089	ug/l #	7

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

Quant Time: Jun 15 04:17:49 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

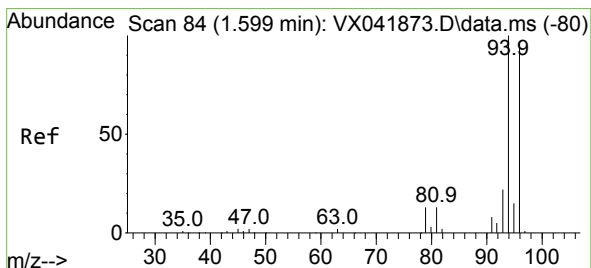
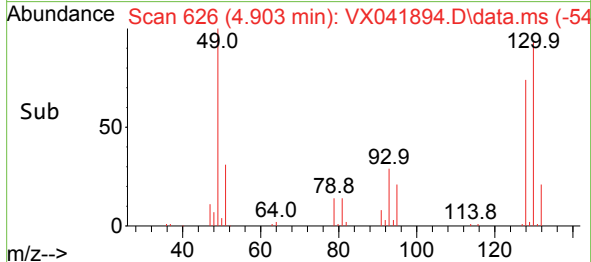
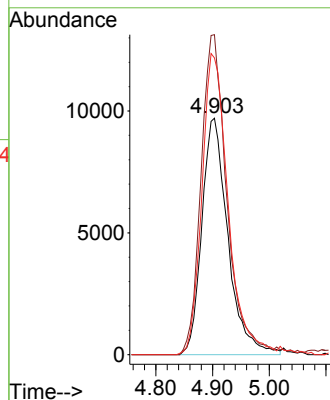
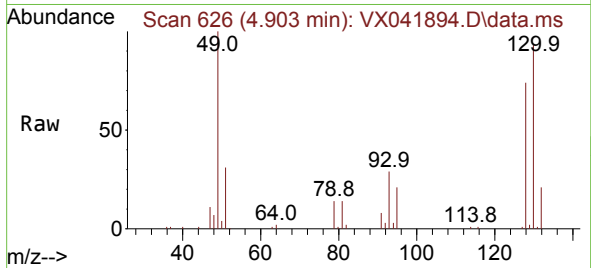




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041894.D
Acq: 14 Jun 2024 21:41

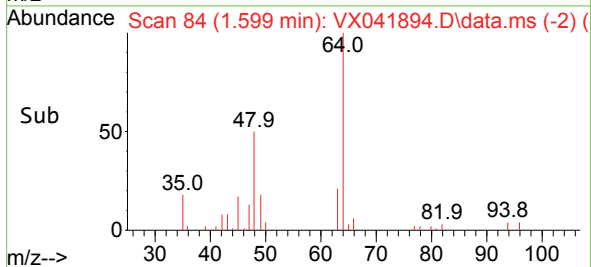
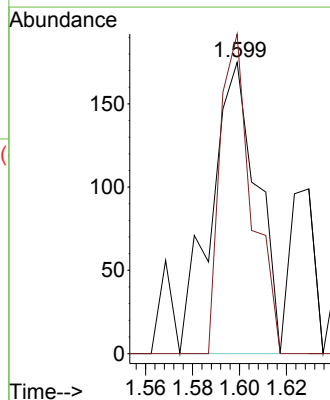
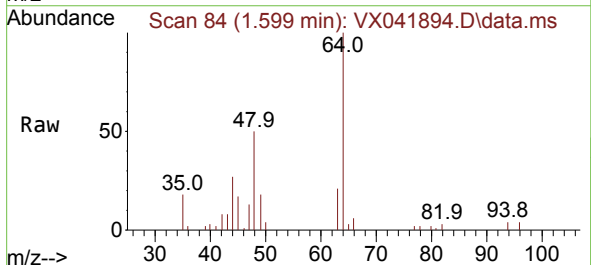
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MSVOA_X
ClientSampleId :
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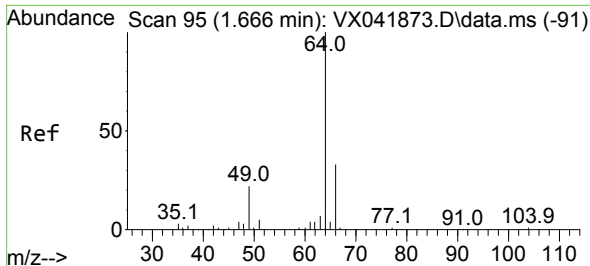
Tgt Ion:128 Resp: 30924
Ion Ratio Lower Upper
128 100
49 134.3 0.0 338.5
130 128.3 0.0 324.5



#5
Bromomethane
Concen: 0.203 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041894.D
Acq: 14 Jun 2024 21:41

Tgt Ion: 94 Resp: 237
Ion Ratio Lower Upper
94 100
96 109.7 76.6 115.0

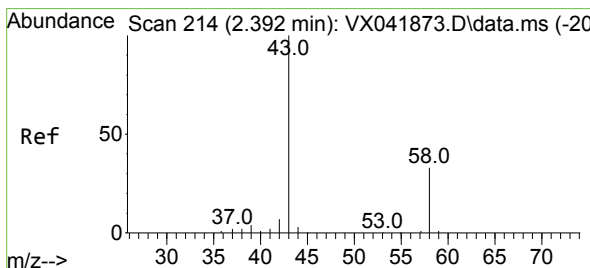
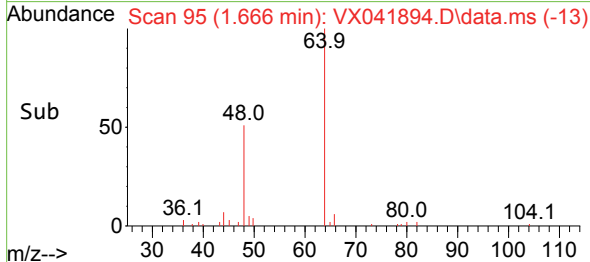
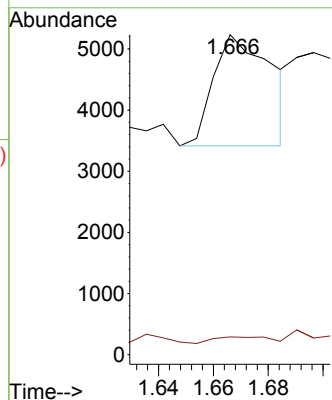
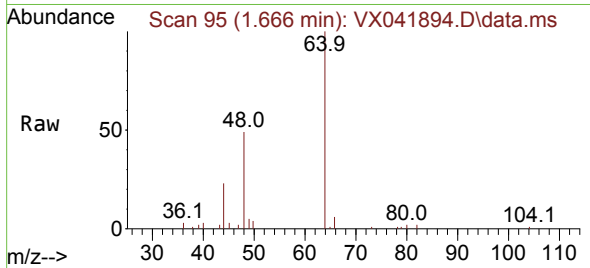




#6
Chloroethane
Concen: 2.843 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041894.D
Acq: 14 Jun 2024 21:41

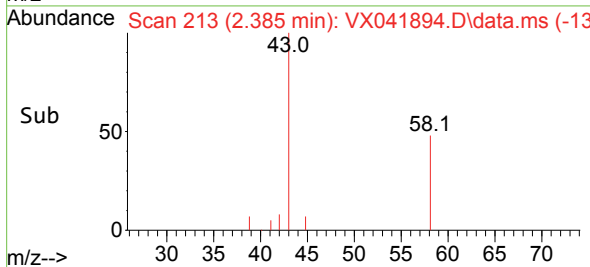
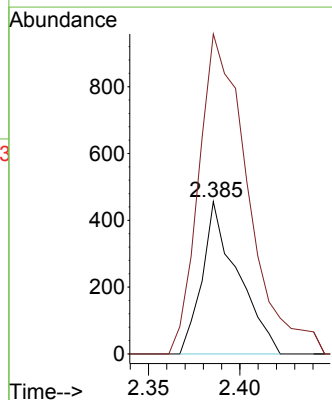
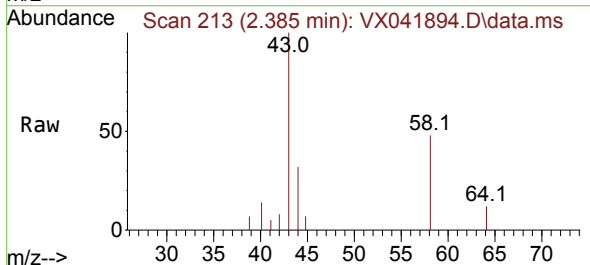
Instrument :
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ClientSampleId :
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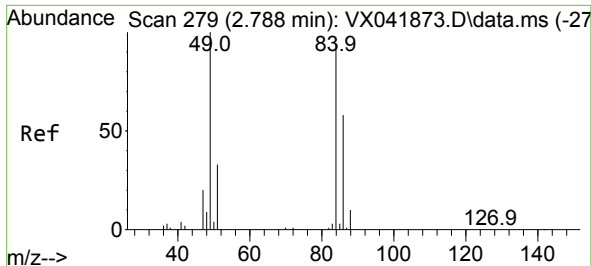
Tgt Ion: 64 Resp: 2658
Ion Ratio Lower Upper
64 100
66 4.7 26.4 39.6#



#15
Acetone
Concen: 1.895 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041894.D
Acq: 14 Jun 2024 21:41

Tgt Ion: 58 Resp: 620
Ion Ratio Lower Upper
58 100
43 192.1 243.4 365.2#

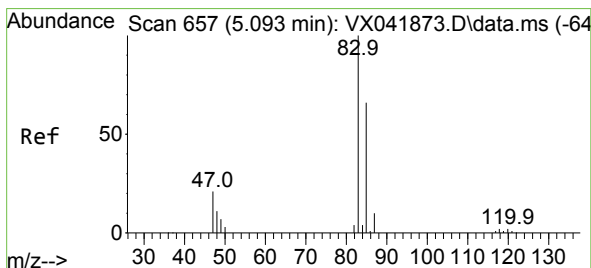
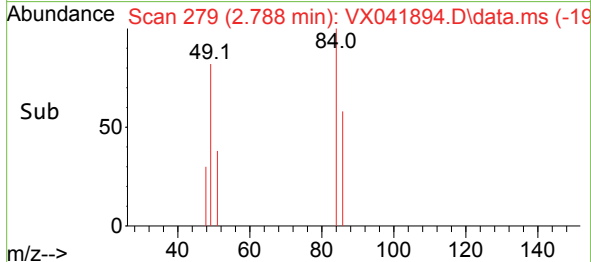
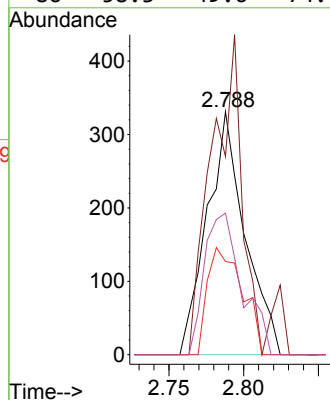
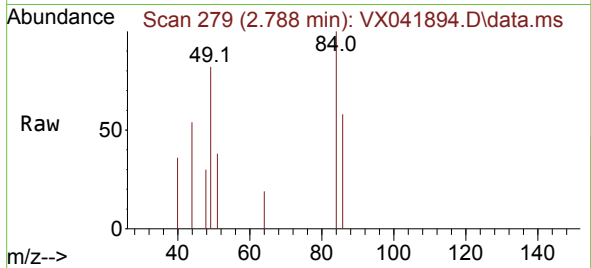




#18
Methylene Chloride
Concen: 0.269 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041894.D
Acq: 14 Jun 2024 21:41

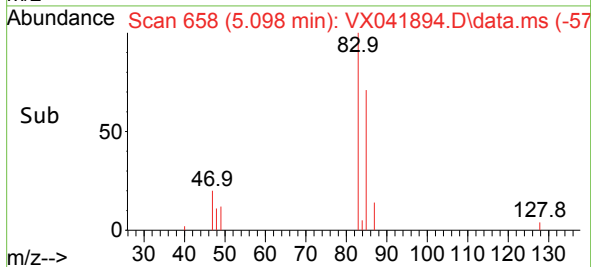
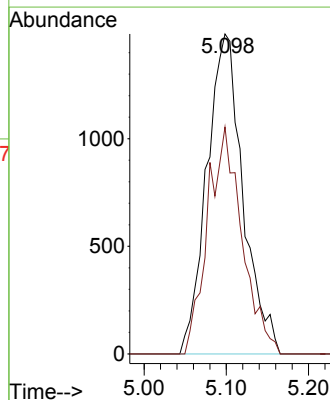
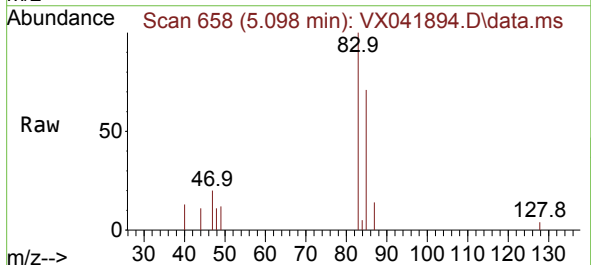
Instrument :
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ClientSampleId :
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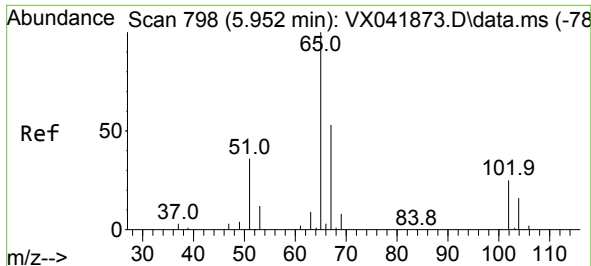
Tgt Ion:	84	Resp:	584
Ion	Ratio	Lower	Upper
84	100		
49	81.6	85.3	127.9#
51	38.4	28.5	42.7
86	58.3	49.6	74.4



#25
Chloroform
Concen: 1.325 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX041894.D
Acq: 14 Jun 2024 21:41

Tgt Ion:	83	Resp:	4539
Ion	Ratio	Lower	Upper
83	100		
85	70.9	52.7	79.1

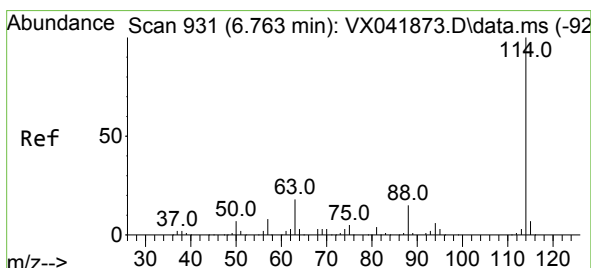
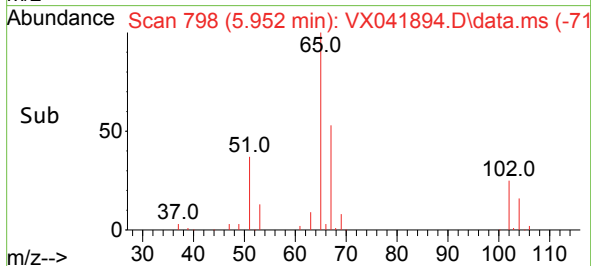
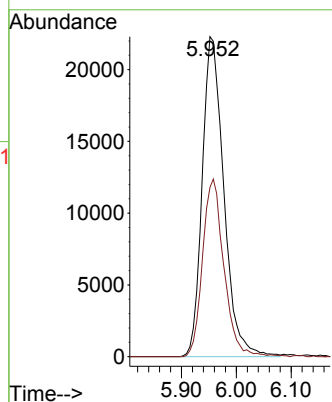
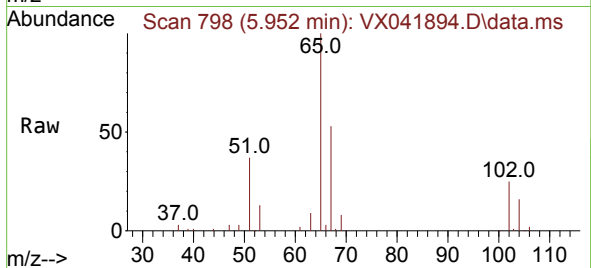




#27
1,2-Dichloroethane-d4
Concen: 28.699 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041894.D
Acq: 14 Jun 2024 21:41

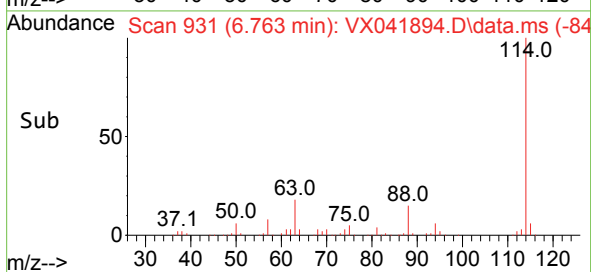
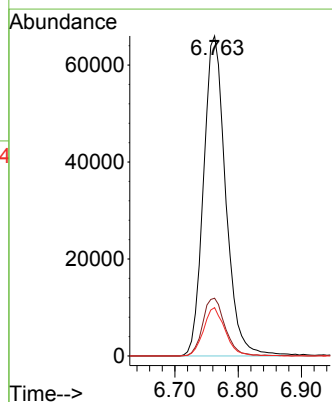
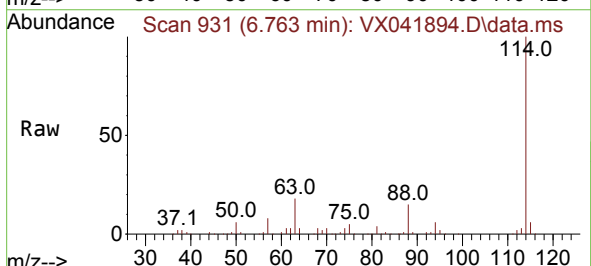
Instrument :
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ClientSampleId :
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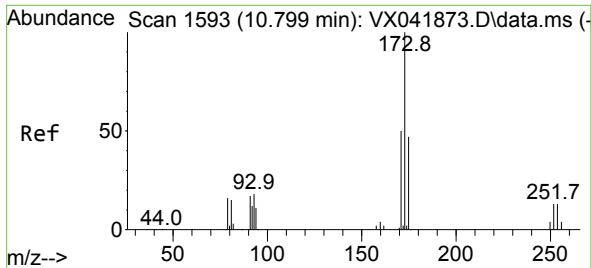
Tgt Ion: 65 Resp: 61093
Ion Ratio Lower Upper
65 100
67 54.5 43.4 65.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX041894.D
Acq: 14 Jun 2024 21:41

Tgt Ion: 114 Resp: 160720
Ion Ratio Lower Upper
114 100
63 18.2 14.6 21.8
88 14.8 11.8 17.8

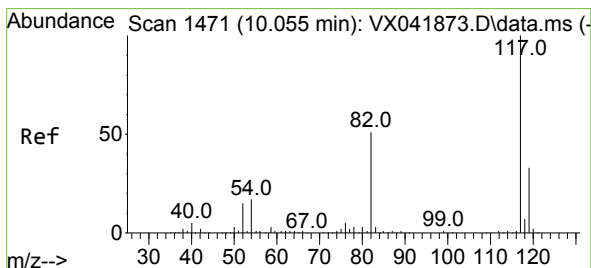
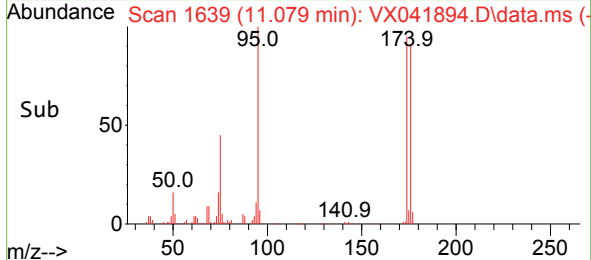
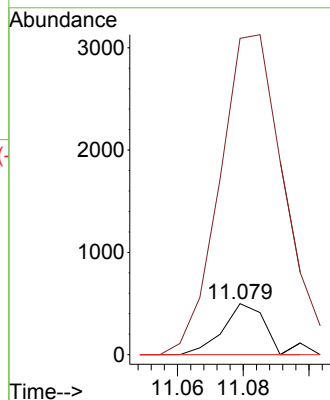
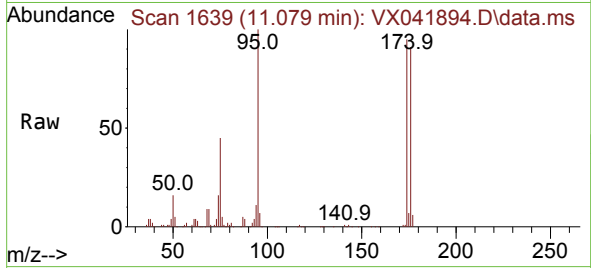




#56
Bromoform
Concen: 0.269 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.280 min
Lab File: VX041894.D
Acq: 14 Jun 2024 21:41

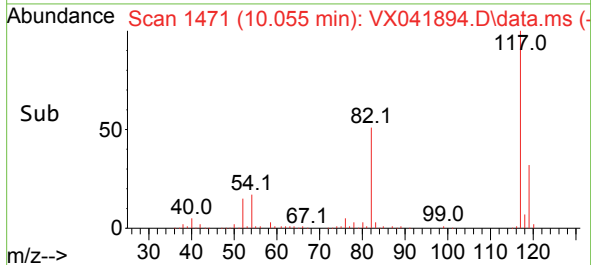
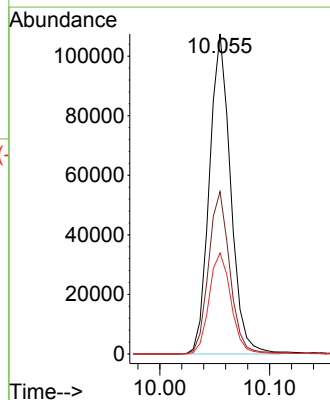
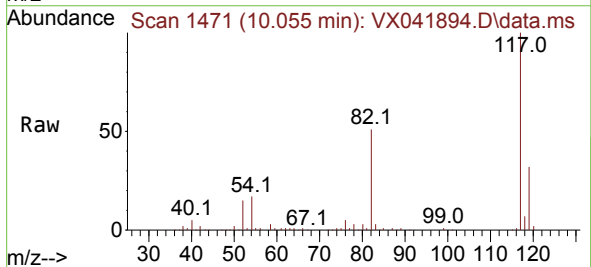
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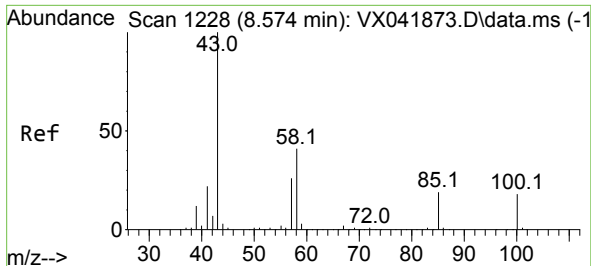
Tgt Ion:173 Resp: 430
Ion Ratio Lower Upper
173 100
175 992.3 39.3 58.9#
254 0.0 9.6 14.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041894.D
Acq: 14 Jun 2024 21:41

Tgt Ion:117 Resp: 144640
Ion Ratio Lower Upper
117 100
82 51.1 41.1 61.7
119 32.7 26.1 39.1

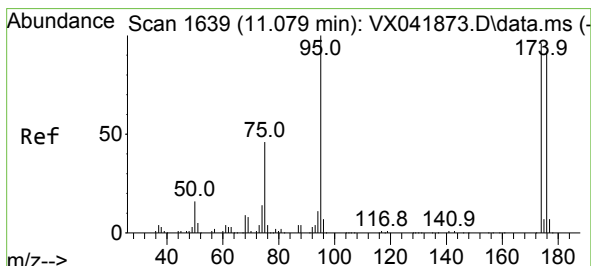
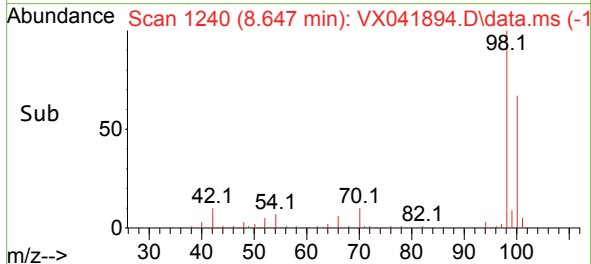
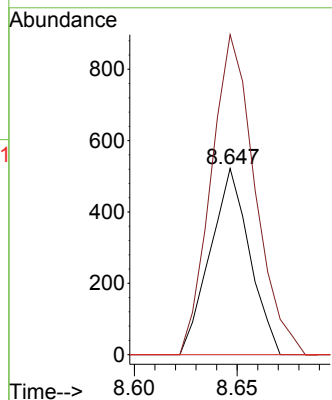
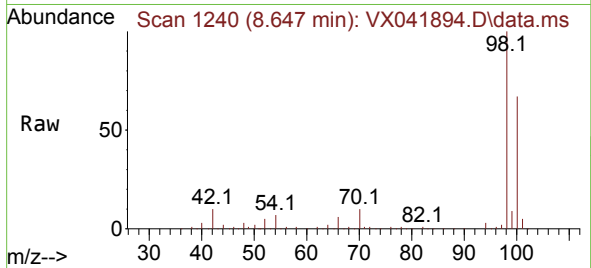




#58
4-Methyl-2-Pentanone
Concen: 0.269 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX041894.D
Acq: 14 Jun 2024 21:41

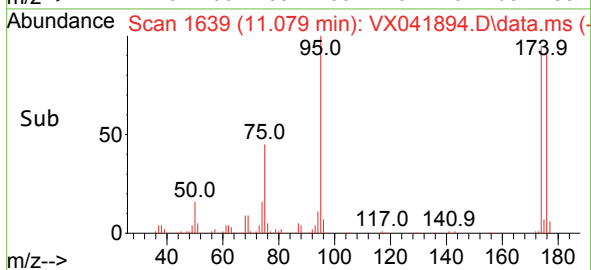
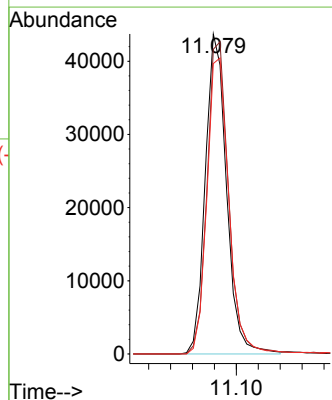
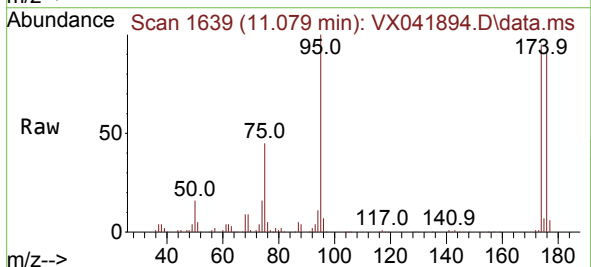
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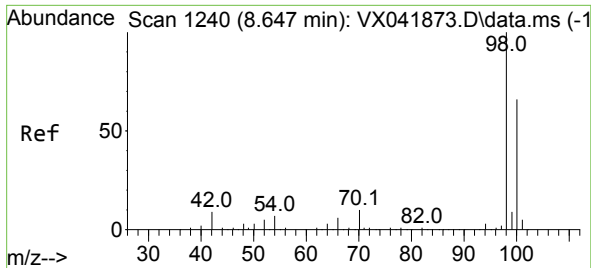
Tgt Ion: 43 Resp: 697
Ion Ratio Lower Upper
43 100
58 191.1 33.2 49.8#
85 0.0 15.5 23.3#



#60
4-Bromofluorobenzene
Concen: 26.201 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041894.D
Acq: 14 Jun 2024 21:41

Tgt Ion: 95 Resp: 58662
Ion Ratio Lower Upper
95 100
174 99.4 78.9 118.3
176 95.8 77.1 115.7

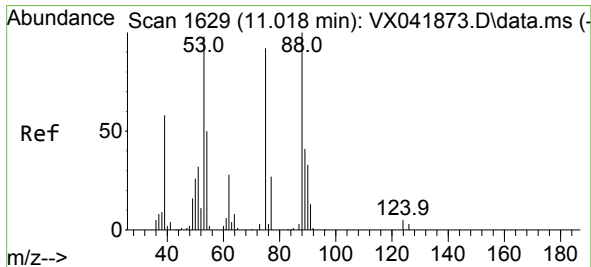
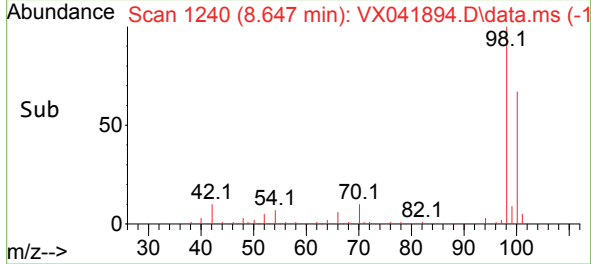
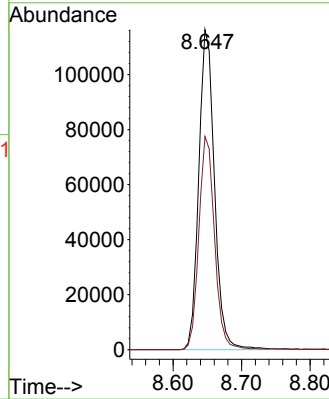
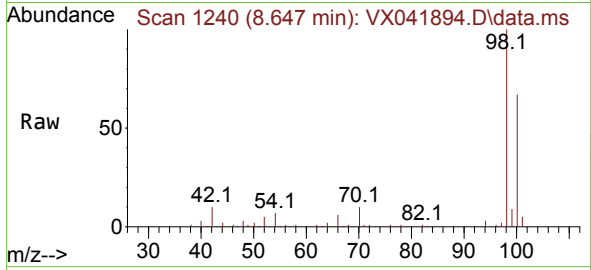




#63
Toluene-d8
Concen: 30.076 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041894.D
Acq: 14 Jun 2024 21:41

Instrument :
MSVOA_X
ClientSampleId :
240611002-05-TRIP-BLANK

Tgt Ion: 98 Resp: 186119
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1



#77
t-1,4-Dichloro-2-butene
Concen: 32.089 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041894.D
Acq: 14 Jun 2024 21:41

Tgt Ion: 75 Resp: 26849
Ion Ratio Lower Upper
75 100
53 0.0 53.4 160.2#
89 0.0 22.5 67.5#

