

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042141.D
 Acq On : 02 Jul 2024 15:45
 Operator : JC/MD
 Sample : P3123-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Jul 03 03:35:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

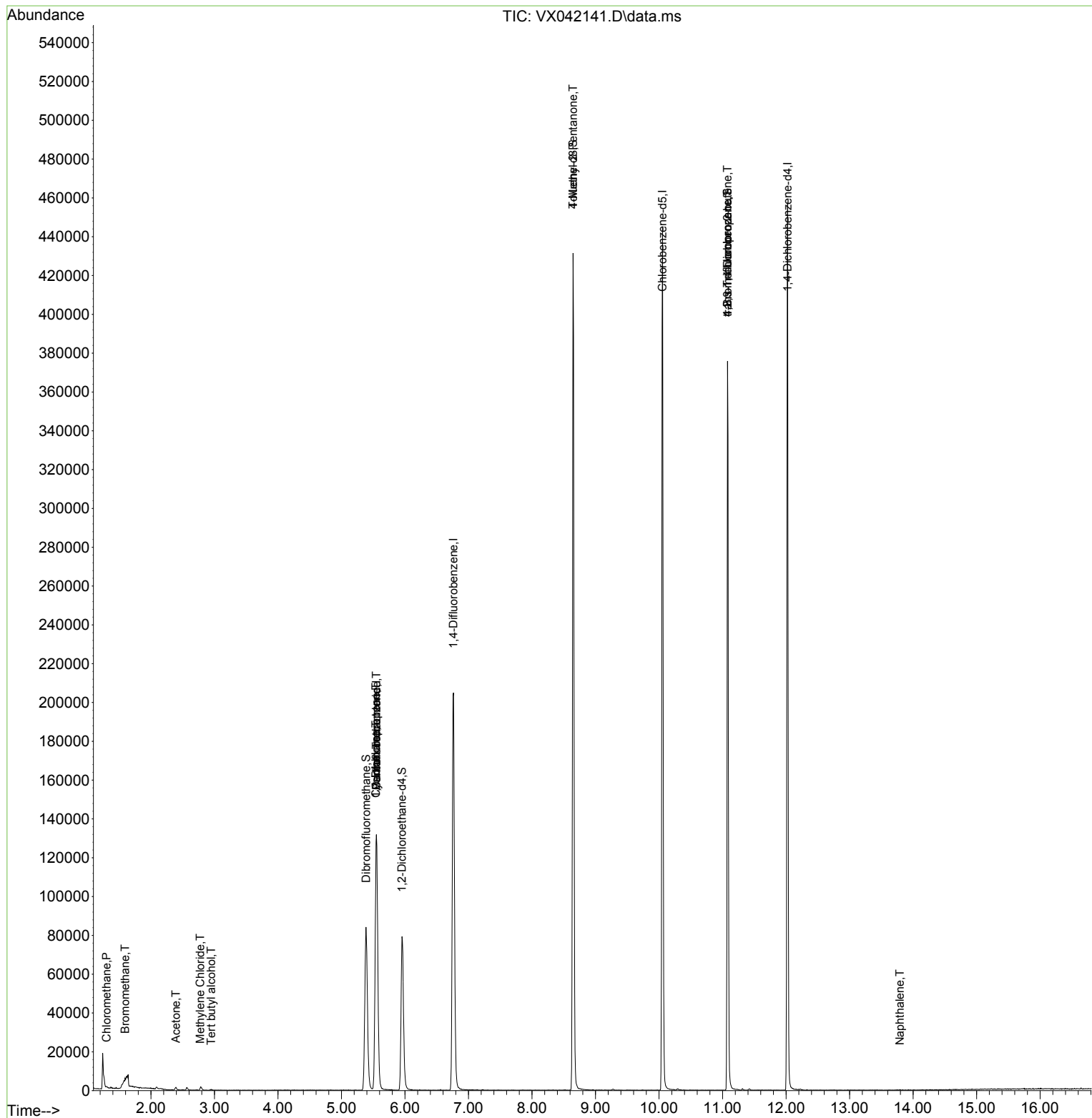
Internal Standards						
1) Pentafluorobenzene	5.550	168	148493	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	232752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75978	44.372	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.740%
35) Dibromofluoromethane	5.385	113	74432	45.069	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.140%
50) Toluene-d8	8.647	98	269169	46.394	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.780%
62) 4-Bromofluorobenzene	11.079	95	101710	47.557	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.120%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	694	0.489	ug/l	98
5) Bromomethane	1.593	94	364	0.518	ug/l	94
6) Chloroethane	1.691	64	215	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	166	0.511	ug/l	# 78
16) Acetone	2.392	43	1452	1.931	ug/l	90
20) Methylene Chloride	2.776	84	890	0.541	ug/l	# 67
31) Cyclohexane	5.544	56	2031	1.014	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	8237	4.697	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	12300	6.348	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	857	0.355	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	46179	23.218	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	46179	65.937	ug/l	# 5
95) Naphthalene	13.792	128	228	0.776	ug/l	# 69

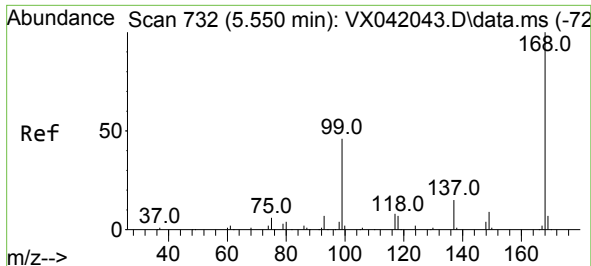
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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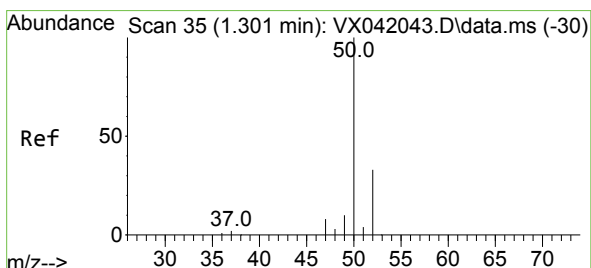
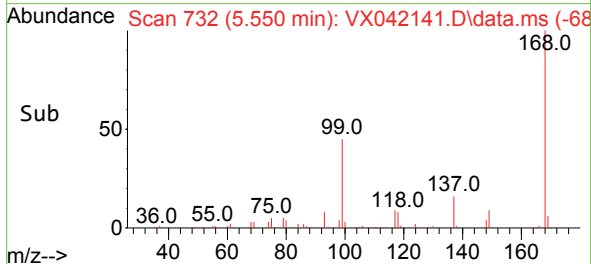
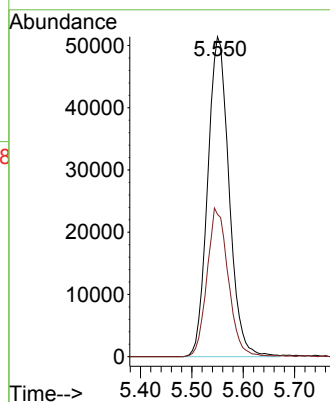
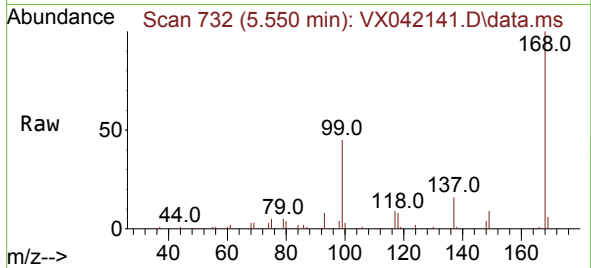




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

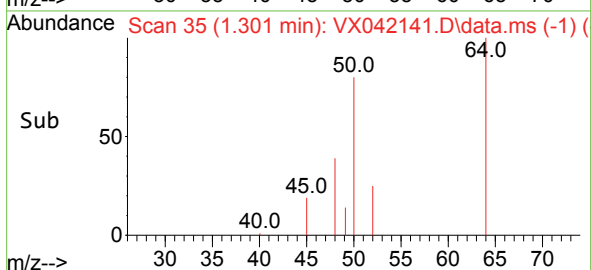
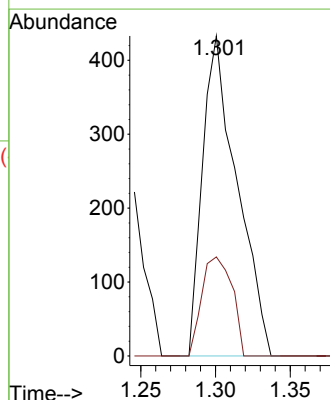
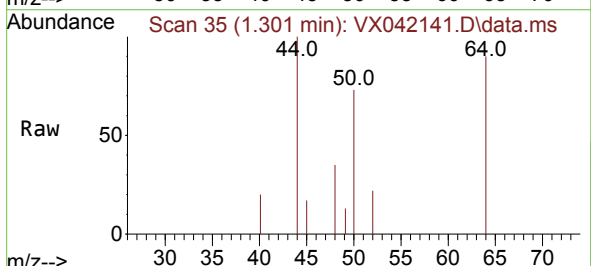
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

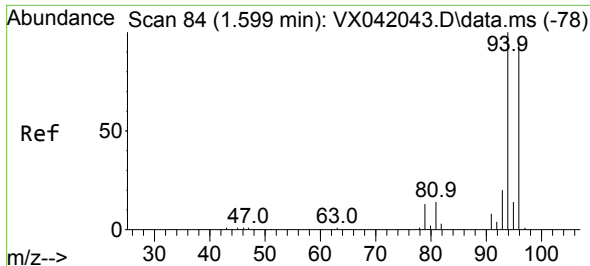
Tgt Ion:168 Resp: 148493
Ion Ratio Lower Upper
168 100
99 44.5 56.6 85.0#



#3
Chloromethane
Concen: 0.489 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

Tgt Ion: 50 Resp: 694
Ion Ratio Lower Upper
50 100
52 30.9 25.5 38.3

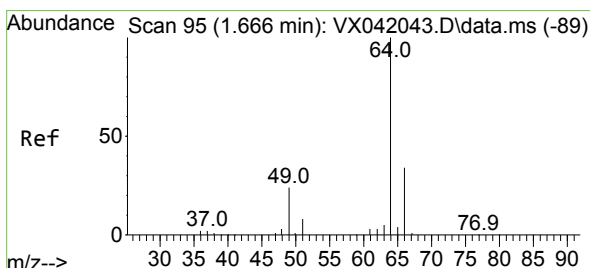
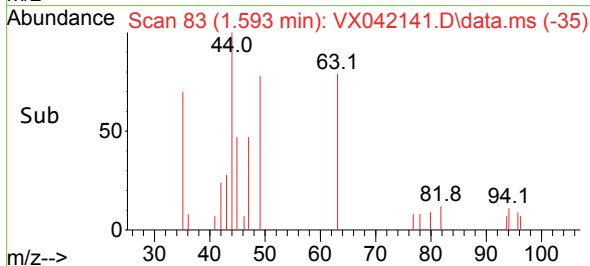
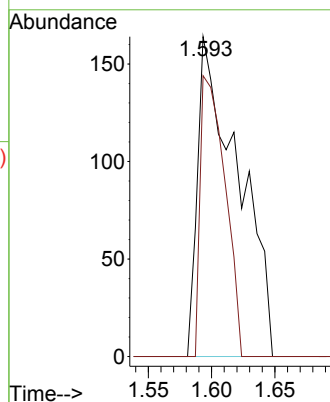
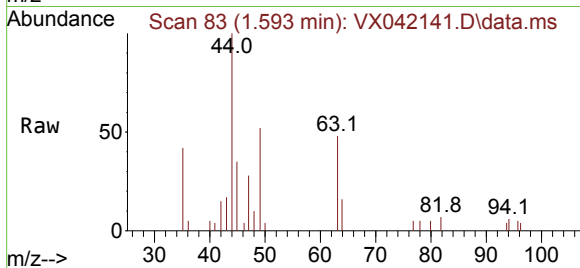




#5
Bromomethane
Concen: 0.518 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

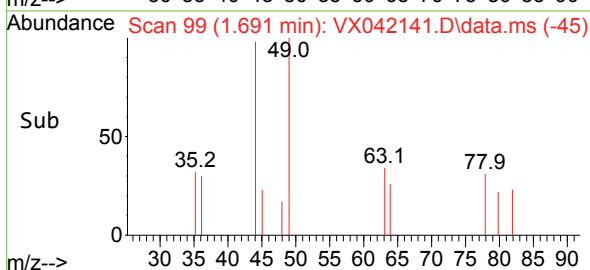
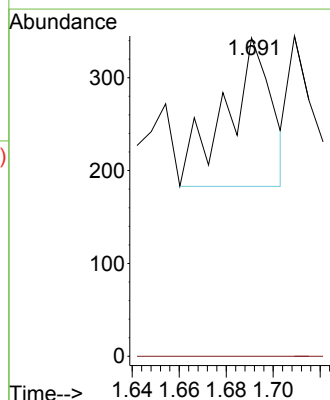
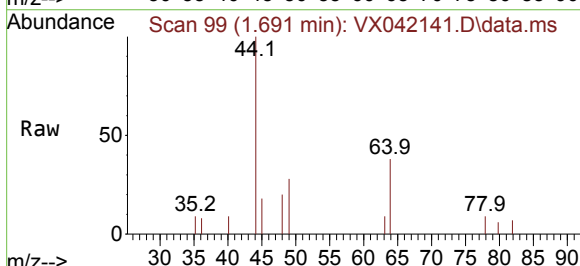
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

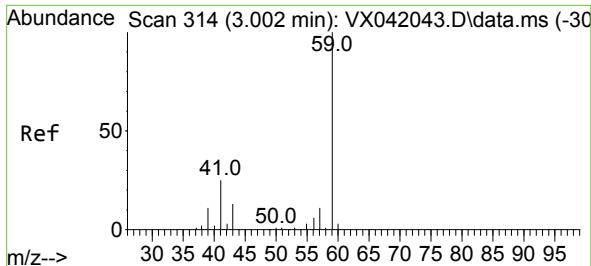
Tgt Ion: 94 Resp: 364
Ion Ratio Lower Upper
94 100
96 87.8 74.6 111.8



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.031 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

Tgt Ion: 64 Resp: 215
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

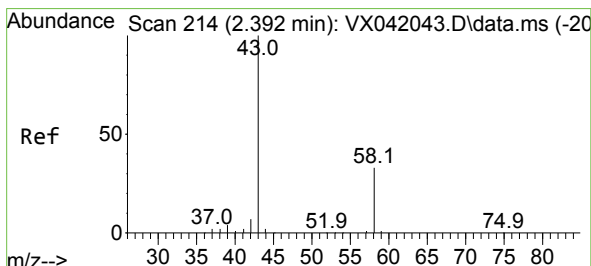
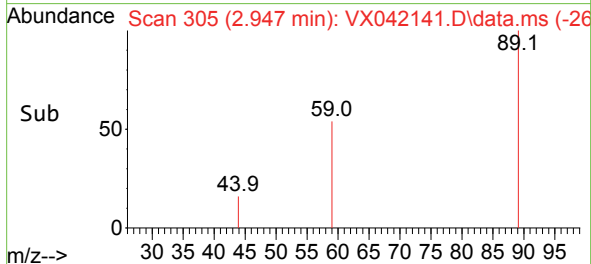
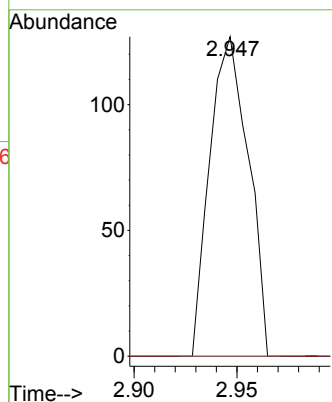
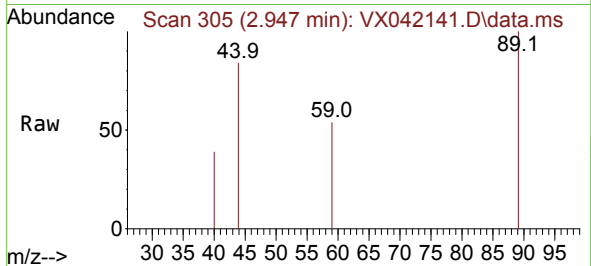




#11
Tert butyl alcohol
Concen: 0.511 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

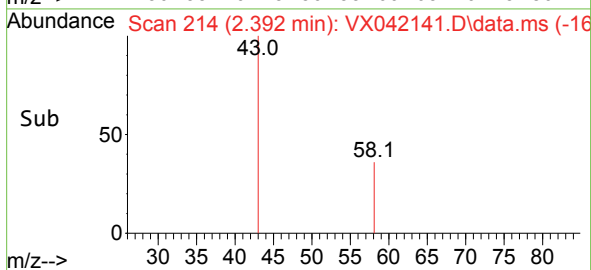
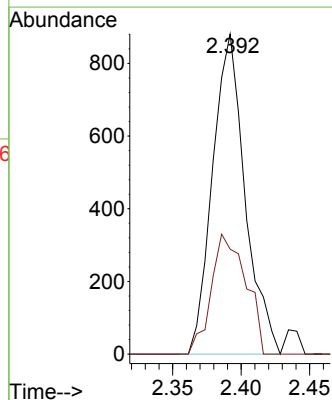
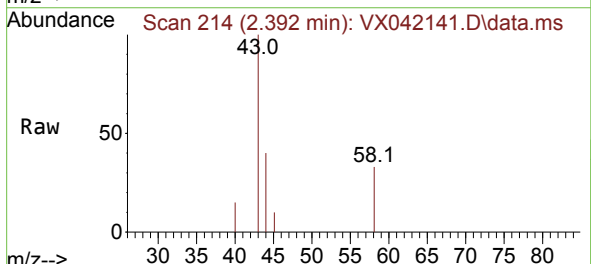
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

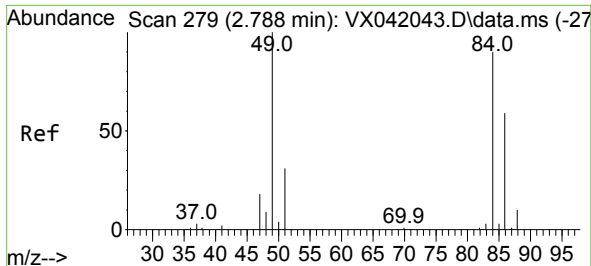
Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.931 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

Tgt Ion: 43 Resp: 1452
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9





#20

Methylene Chloride

Concen: 0.541 ug/l

RT: 2.776 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX042141.D

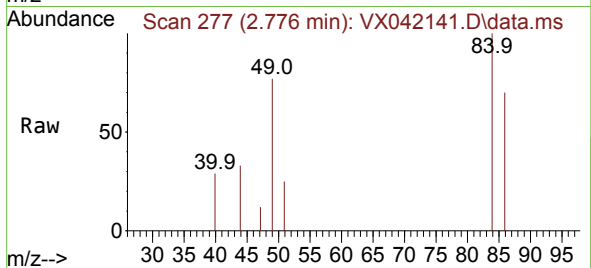
Acq: 02 Jul 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT



Tgt Ion: 84 Resp: 890

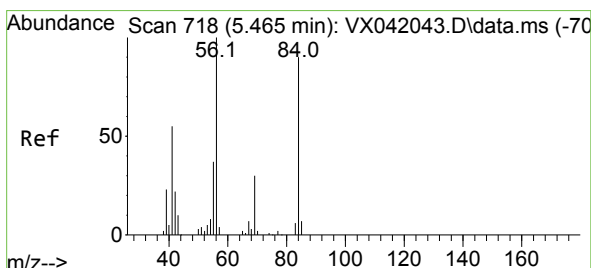
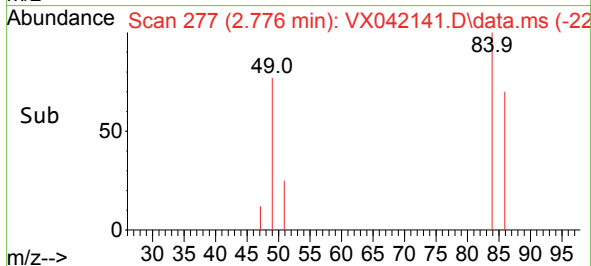
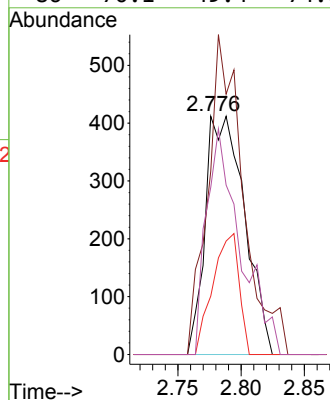
Ion Ratio Lower Upper

84 100

49 76.9 103.6 155.4#

51 24.5 33.8 50.6#

86 70.1 49.4 74.0



#31

Cyclohexane

Concen: 1.014 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX042141.D

Acq: 02 Jul 2024 15:45

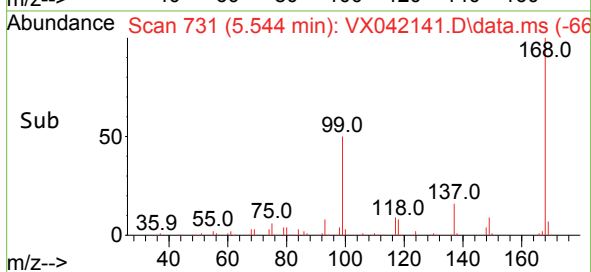
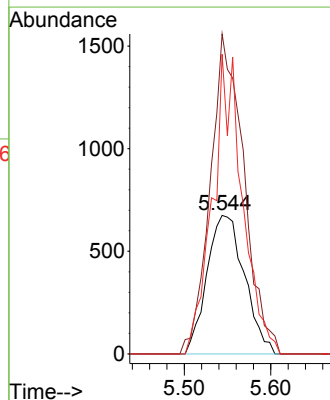
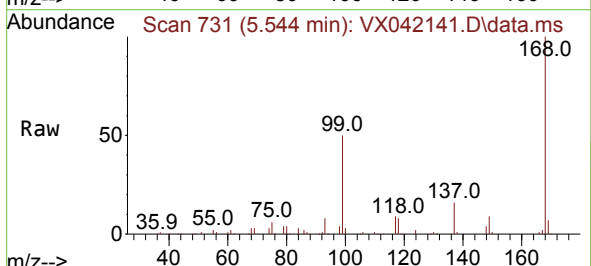
Tgt Ion: 56 Resp: 2031

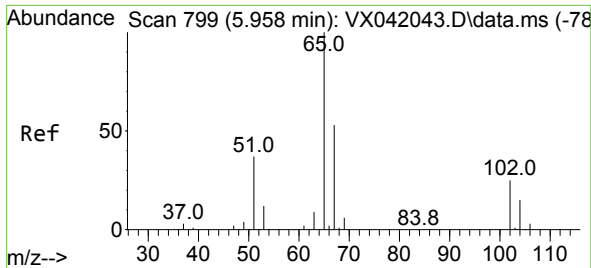
Ion Ratio Lower Upper

56 100

69 231.0 23.4 35.2#

84 216.3 65.9 98.9#

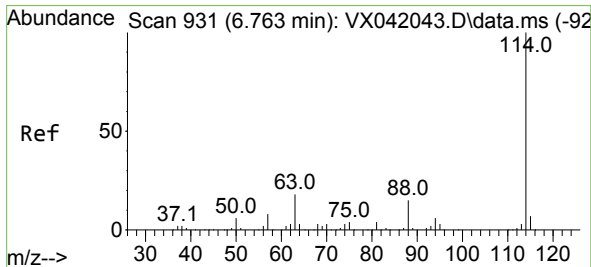
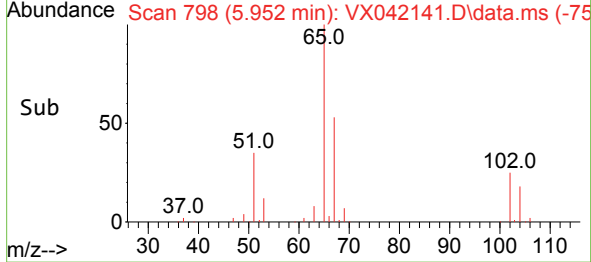
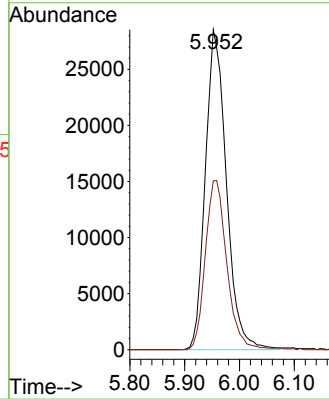
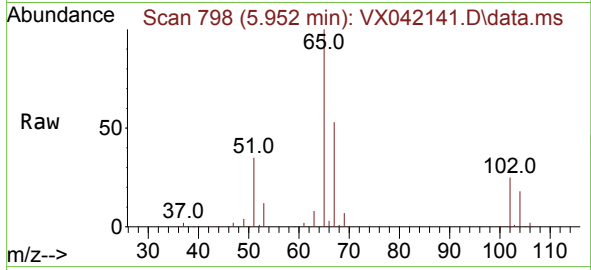




#33
1,2-Dichloroethane-d4
Concen: 44.372 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

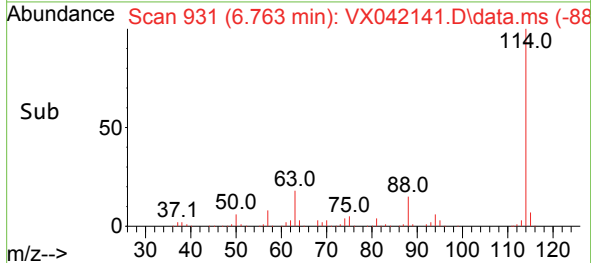
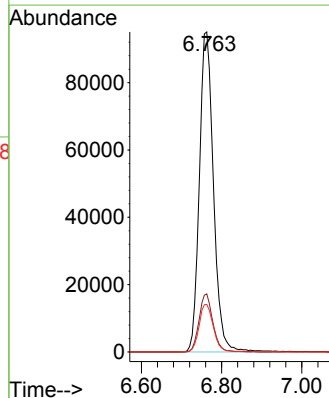
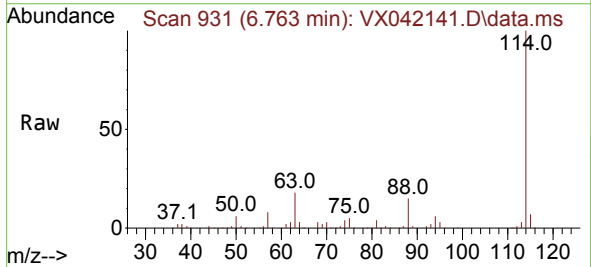
Instrument :
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Storage-Blank-SAMPLE-MANAGEMENT

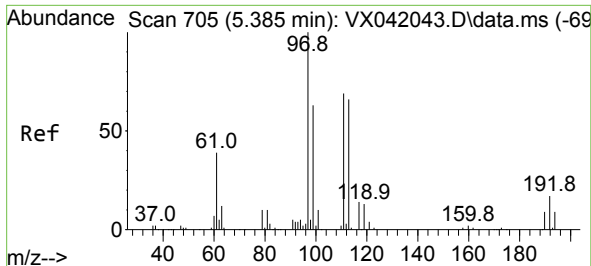
Tgt Ion: 65 Resp: 75978
Ion Ratio Lower Upper
65 100
67 53.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

Tgt Ion: 114 Resp: 232752
Ion Ratio Lower Upper
114 100
63 18.1 0.0 45.0
88 14.8 0.0 36.6

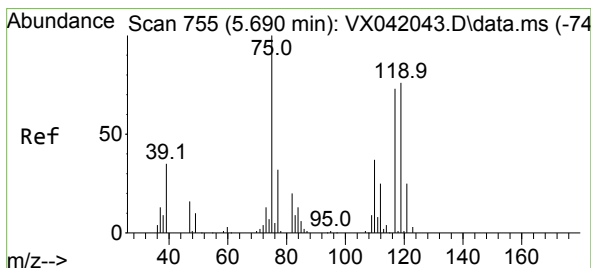
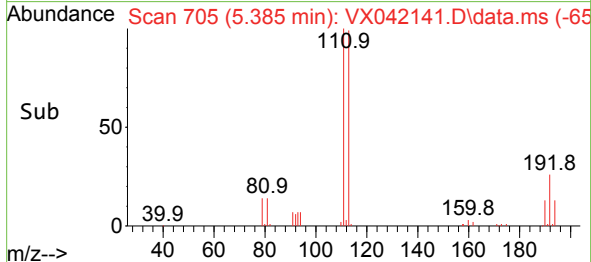
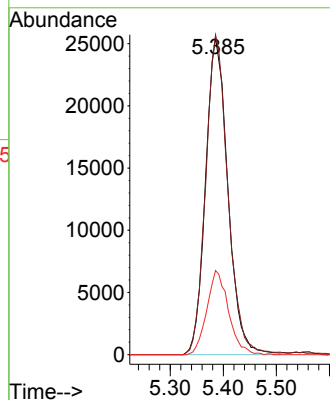
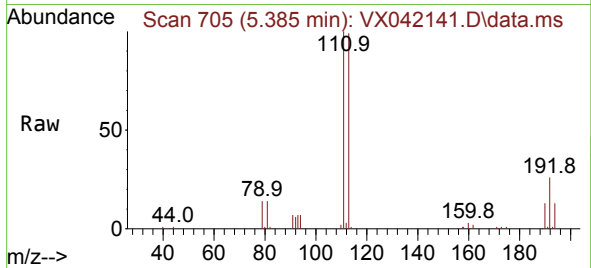




#35
Dibromofluoromethane
Concen: 45.069 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

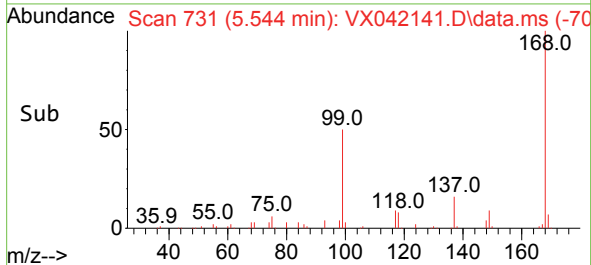
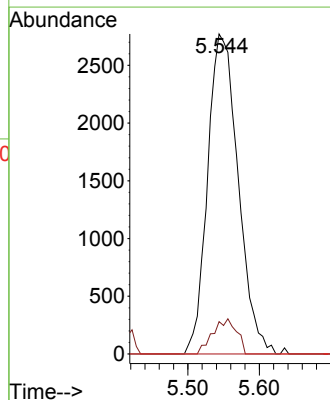
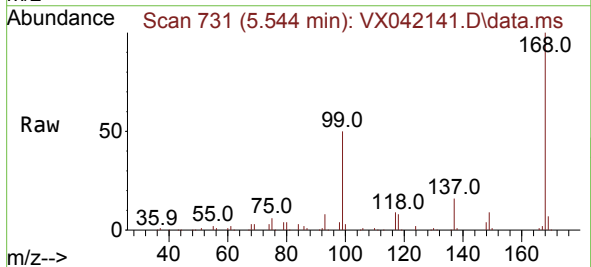
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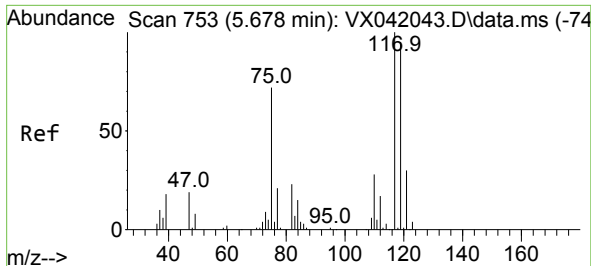
Tgt Ion:113 Resp: 74432
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 25.8 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.697 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

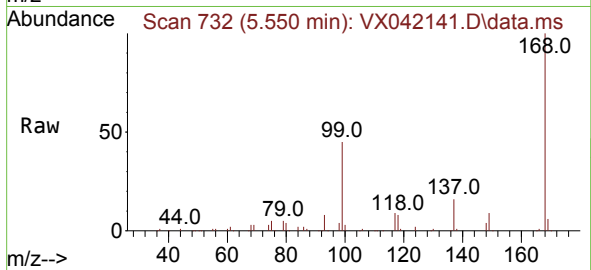
Tgt Ion: 75 Resp: 8237
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



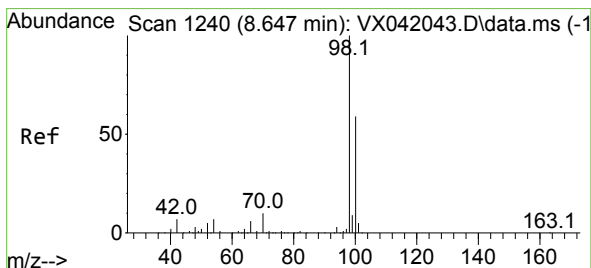
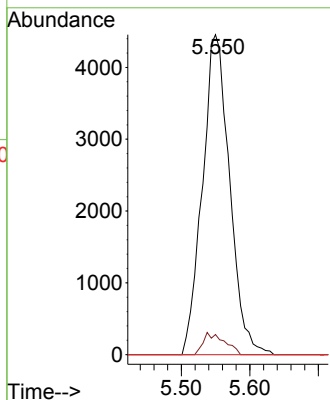
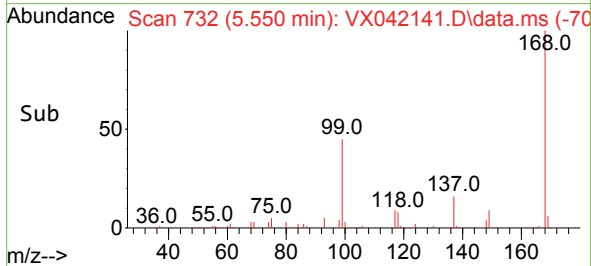


#38
Carbon Tetrachloride
Concen: 6.348 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

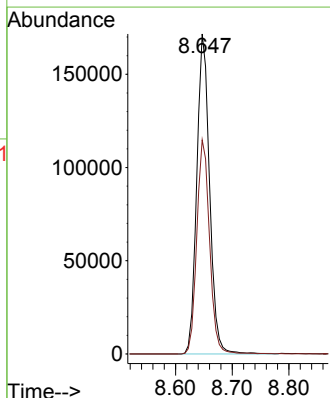
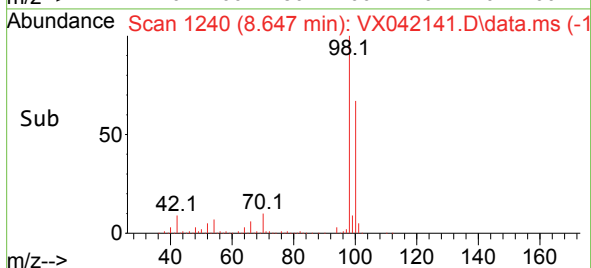
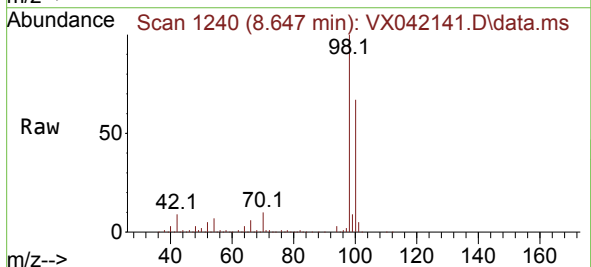


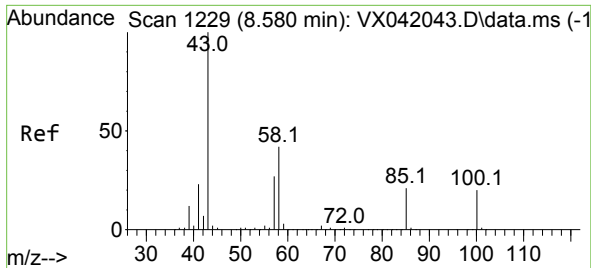
Tgt Ion:117 Resp: 12300
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.394 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

Tgt Ion: 98 Resp: 269169
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

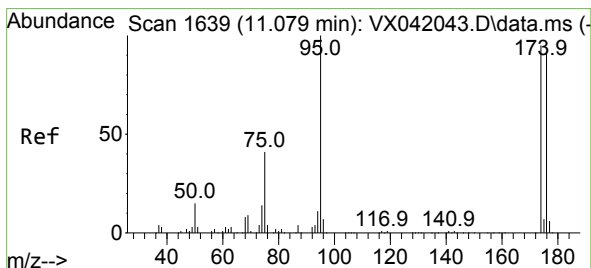
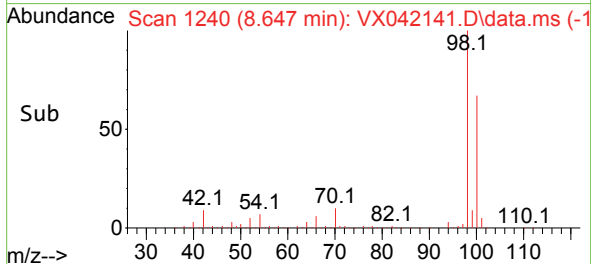
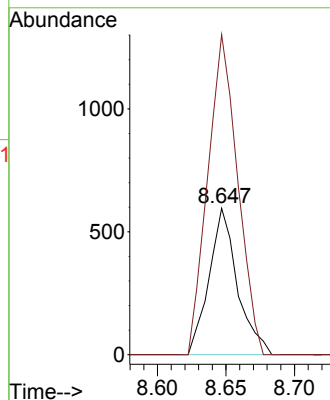
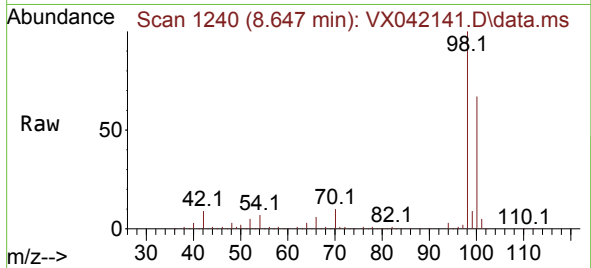




#51
4-Methyl-2-Pentanone
Concen: 0.355 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

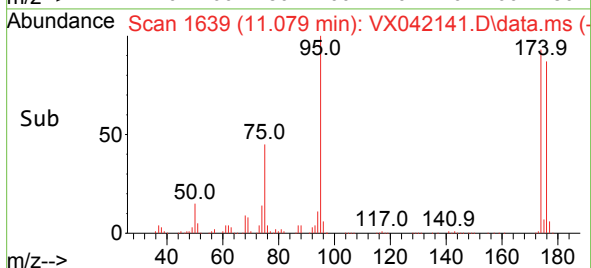
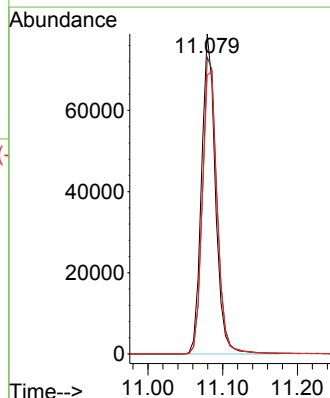
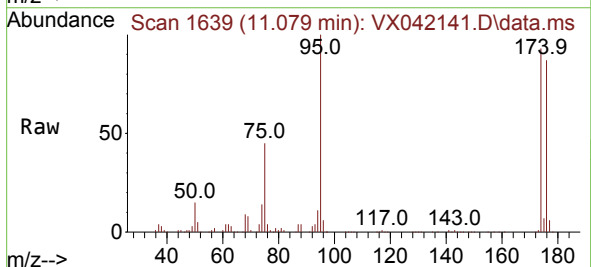
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

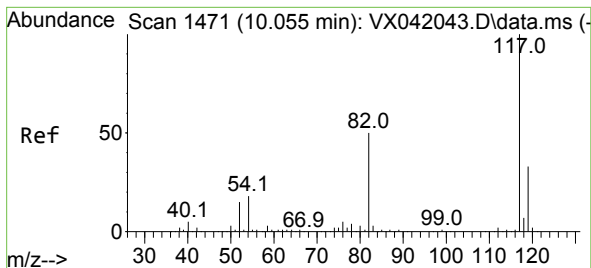
Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
58 230.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.557 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

Tgt Ion: 95 Resp: 101710
Ion Ratio Lower Upper
95 100
174 97.6 0.0 135.6
176 94.8 0.0 131.0

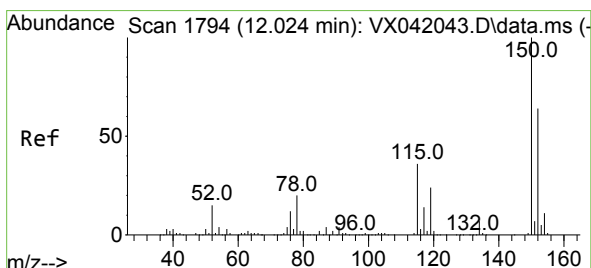
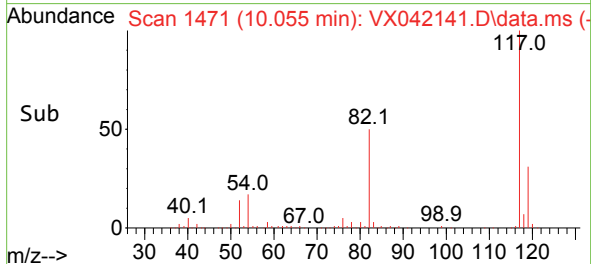
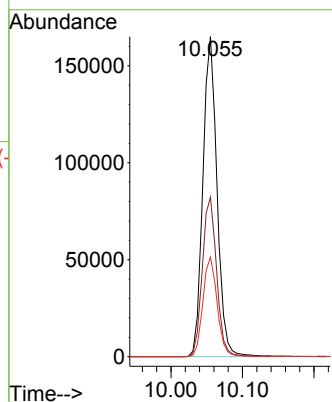
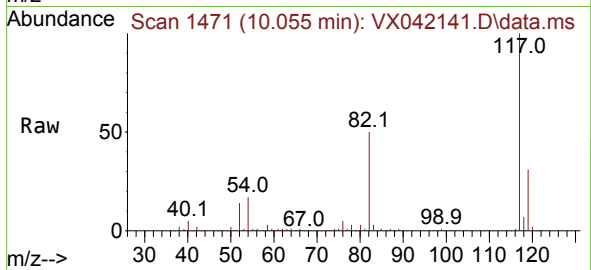




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

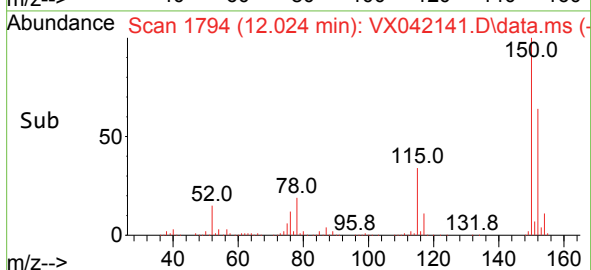
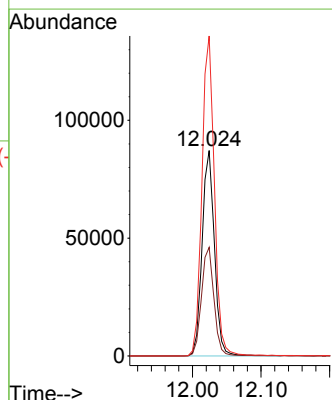
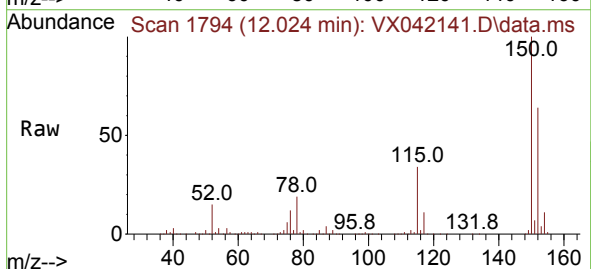
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

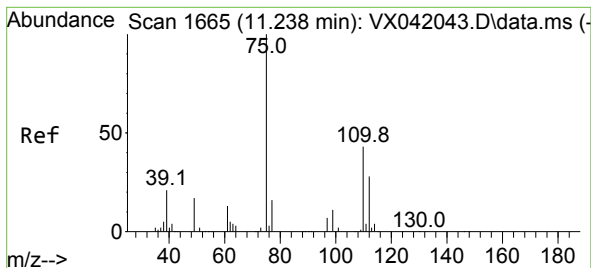
Tgt Ion:117 Resp: 226888
Ion Ratio Lower Upper
117 100
82 49.9 46.2 69.4
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

Tgt Ion:152 Resp: 109558
Ion Ratio Lower Upper
152 100
115 53.6 43.3 129.9
150 157.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.218 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042141.D

Acq: 02 Jul 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

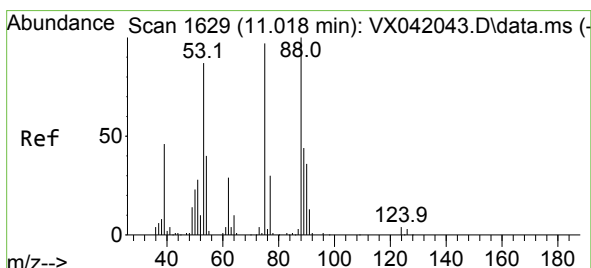
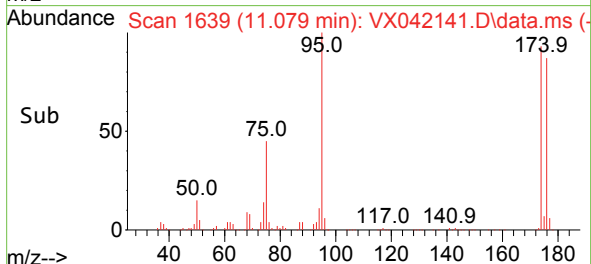
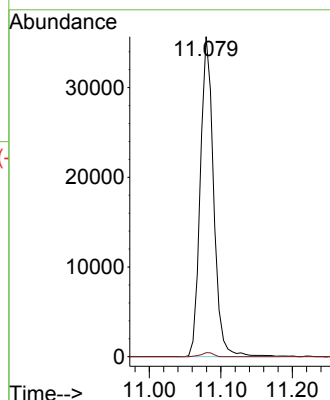
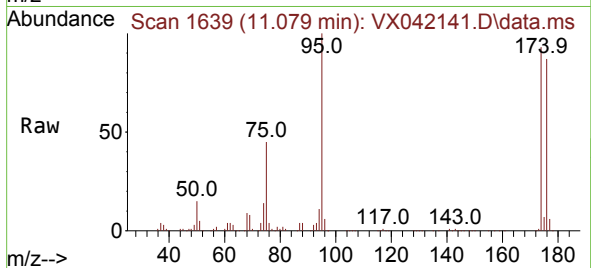
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 46179

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.937 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042141.D

Acq: 02 Jul 2024 15:45

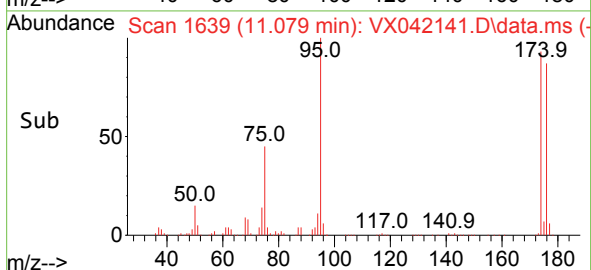
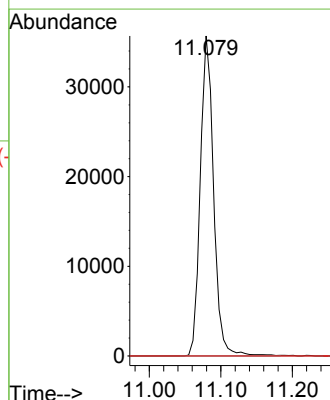
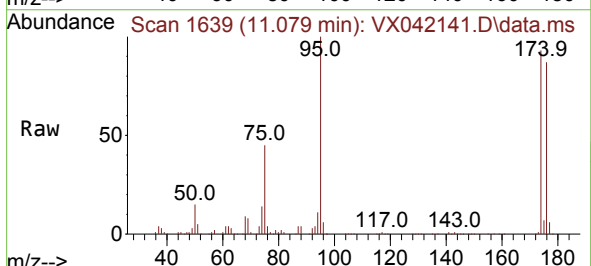
Tgt Ion: 75 Resp: 46179

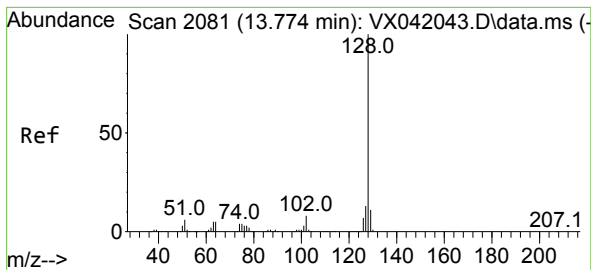
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

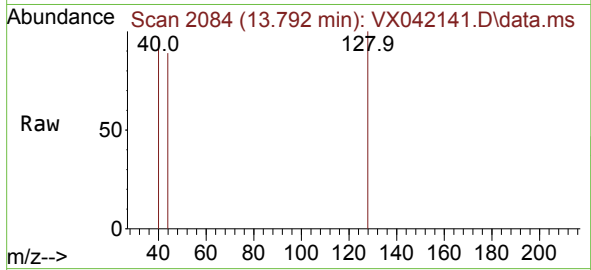
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.776 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX042141.D
Acq: 02 Jul 2024 15:45

Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

