

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041202.D
 Acq On : 22 Apr 2024 20:01
 Operator : JC/MD
 Sample : P2224-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CLEANOUT-TOTE

Quant Time: Apr 23 05:41:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

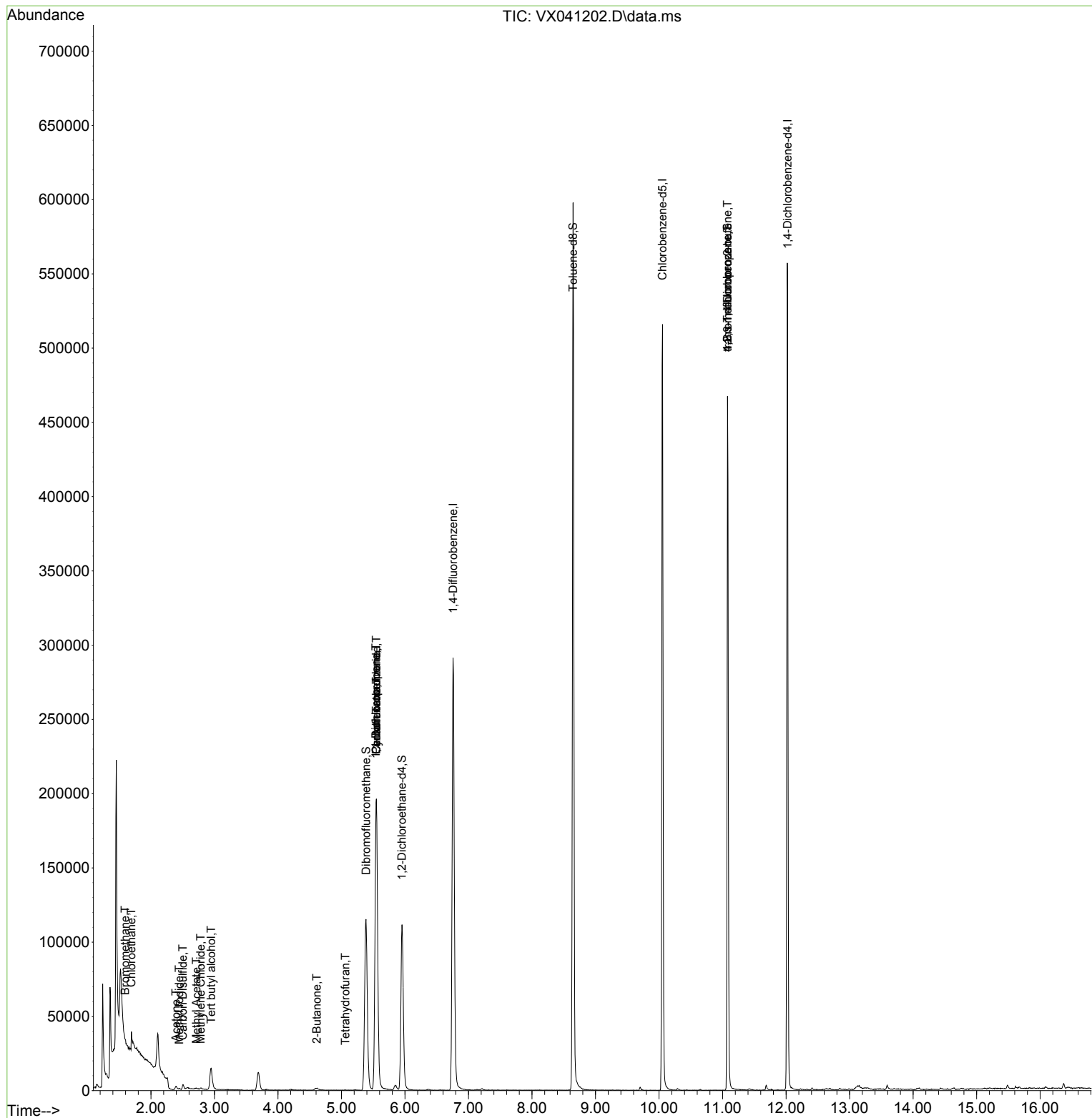
Internal Standards						
1) Pentafluorobenzene	5.550	168	224246	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	324519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109741	51.409	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.820%	
35) Dibromofluoromethane	5.385	113	101212	51.272	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.540%	
50) Toluene-d8	8.647	98	371358	55.759	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.520%	
62) 4-Bromofluorobenzene	11.079	95	117199	47.676	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	435	0.402	ug/l	# 56
6) Chloroethane	1.691	64	2180	2.988	ug/l	# 47
10) Methyl Iodide	2.447	142	974	0.461	ug/l	# 82
11) Tert butyl alcohol	2.947	59	9248	24.183	ug/l	# 82
16) Acetone	2.392	43	3507	4.513	ug/l	98
17) Carbon Disulfide	2.501	76	5338	1.564	ug/l	98
18) Methyl Acetate	2.715	43	1186	0.516	ug/l	# 87
20) Methylene Chloride	2.782	84	414	0.218	ug/l	# 89
25) 2-Butanone	4.611	43	1197	0.902	ug/l	# 88
29) Tetrahydrofuran	5.062	42	182	0.201	ug/l	# 34
31) Cyclohexane	5.550	56	3372	1.174	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	12768	5.055	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	18608	6.596	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	56791	27.482	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	56791	77.536	ug/l	# 5

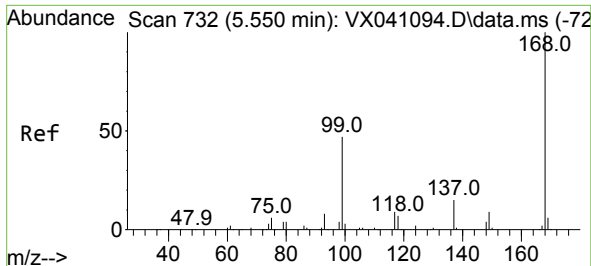
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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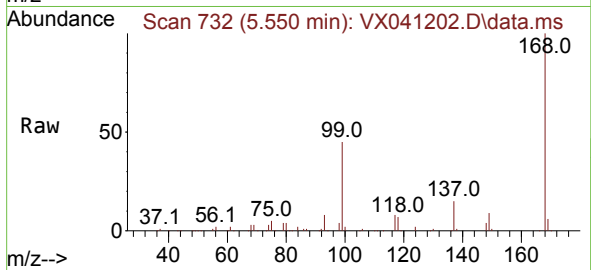
Quant Time: Apr 23 05:41:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration



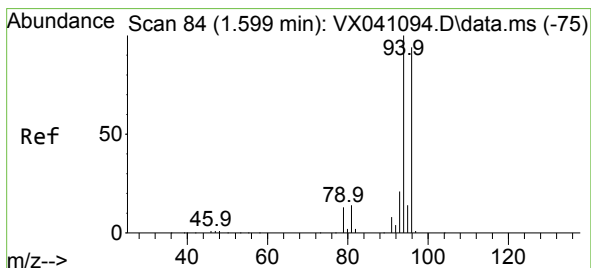
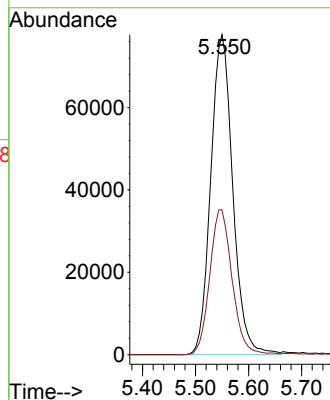
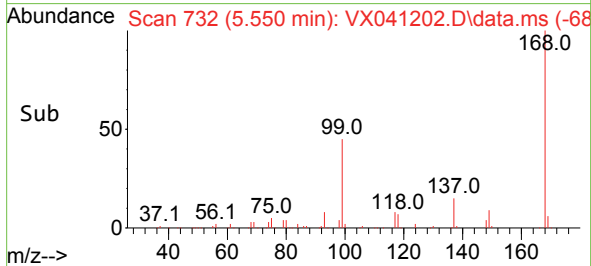


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041202.D
Acq: 22 Apr 2024 20:01

Instrument :
MSVOA_X
ClientSampleId :
CLEANOUT-TOTE

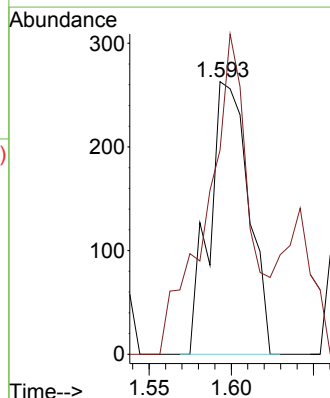
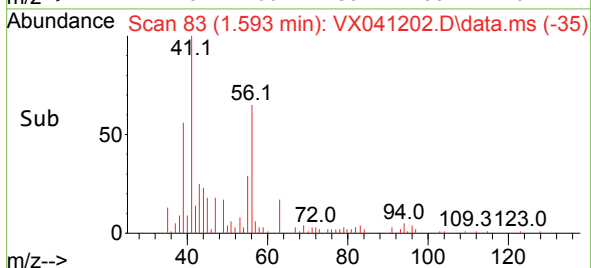
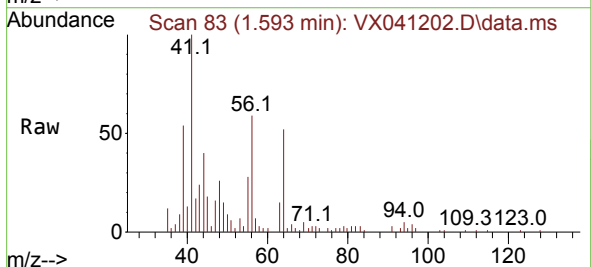


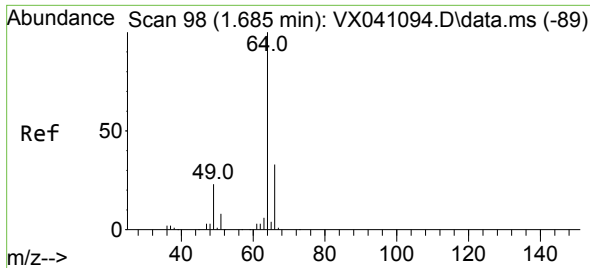
Tgt Ion:168 Resp: 224246
Ion Ratio Lower Upper
168 100
99 45.3 56.6 85.0#



#5
Bromomethane
Concen: 0.402 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX041202.D
Acq: 22 Apr 2024 20:01

Tgt Ion: 94 Resp: 435
Ion Ratio Lower Upper
94 100
96 51.3 74.6 111.8#

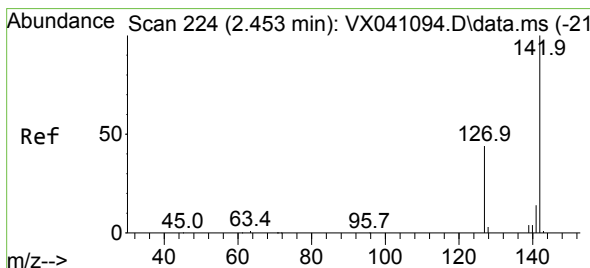
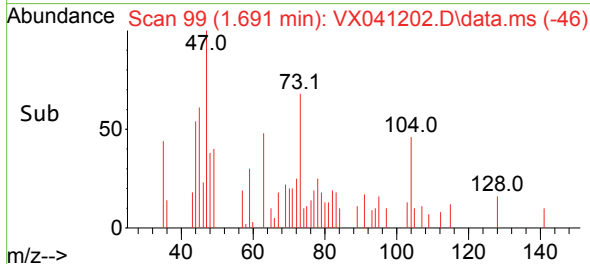
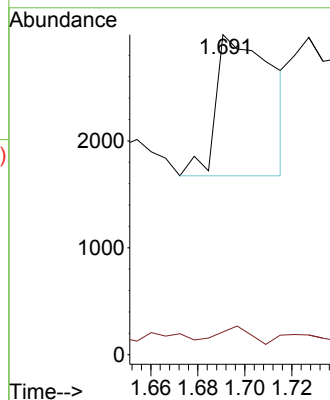
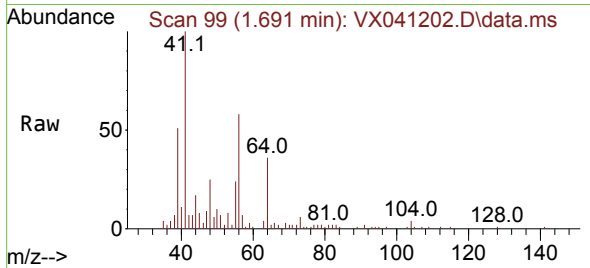




#6
Chloroethane
Concen: 2.988 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.024 min
Lab File: VX041202.D
Acq: 22 Apr 2024 20:01

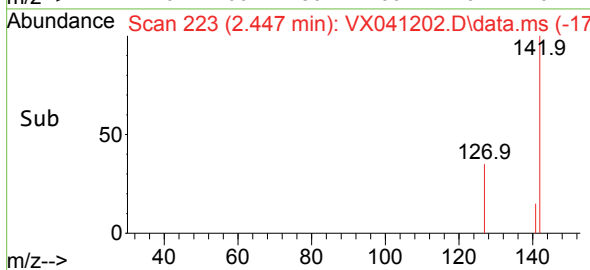
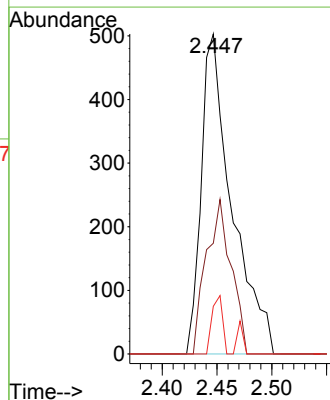
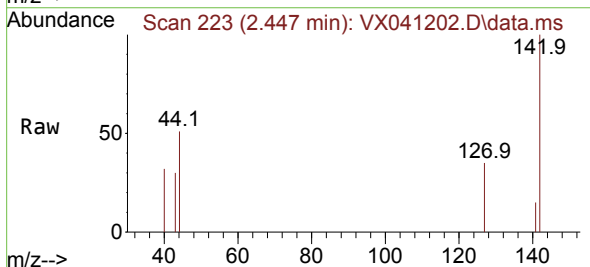
Instrument :
MSVOA_X
ClientSampleId :
CLEANOUT-TOTE

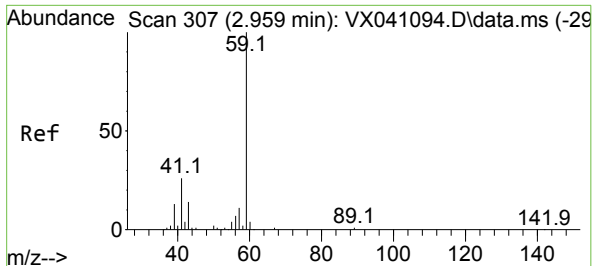
Tgt Ion: 64 Resp: 2180
Ion Ratio Lower Upper
64 100
66 2.3 25.1 37.7#



#10
Methyl Iodide
Concen: 0.461 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX041202.D
Acq: 22 Apr 2024 20:01

Tgt Ion: 142 Resp: 974
Ion Ratio Lower Upper
142 100
127 39.3 41.6 62.4#
141 6.3 11.6 17.4#





#11

Tert butyl alcohol

Concen: 24.183 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.116 min

Lab File: VX041202.D

Acq: 22 Apr 2024 20:01

Instrument :

MSVOA_X

ClientSampleId :

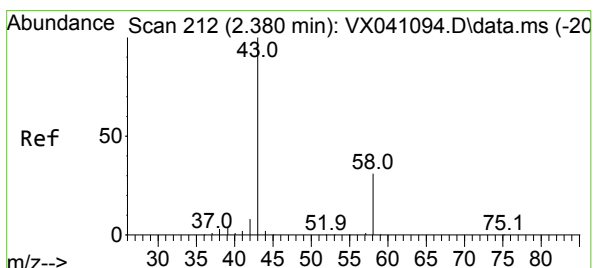
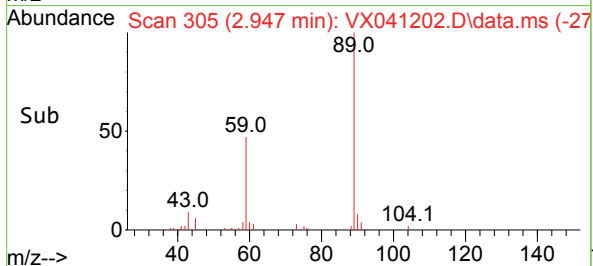
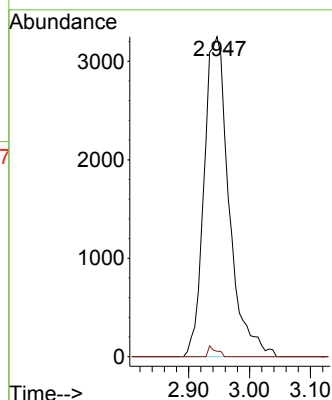
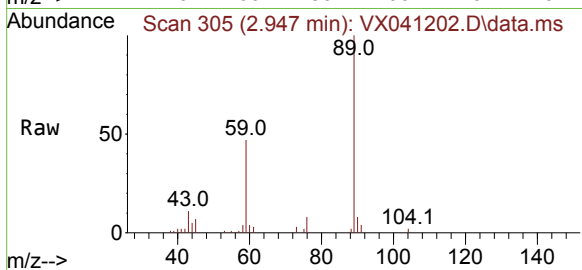
CLEANOUT-TOTE

Tgt Ion: 59 Resp: 9248

Ion Ratio Lower Upper

59 100

57 1.1 6.0 9.0#



#16

Acetone

Concen: 4.513 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041202.D

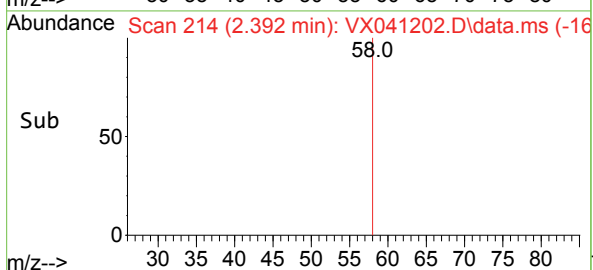
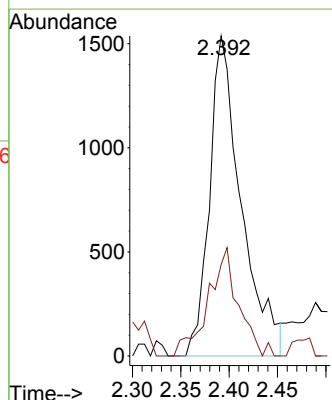
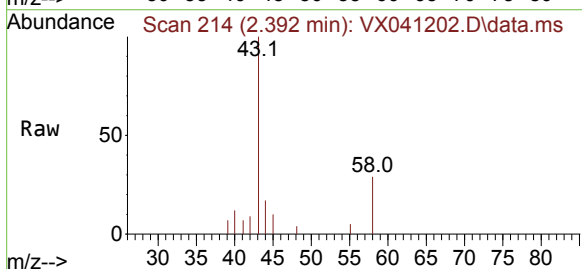
Acq: 22 Apr 2024 20:01

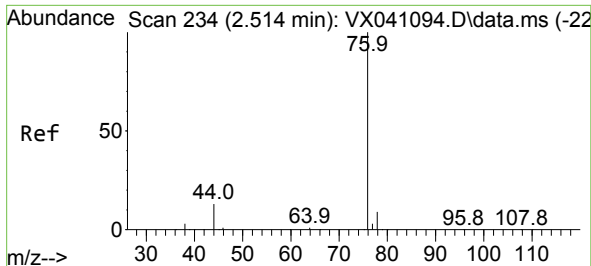
Tgt Ion: 43 Resp: 3507

Ion Ratio Lower Upper

43 100

58 28.6 21.9 32.9





#17

Carbon Disulfide

Concen: 1.564 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX041202.D

Acq: 22 Apr 2024 20:01

Instrument :

MSVOA_X

ClientSampleId :

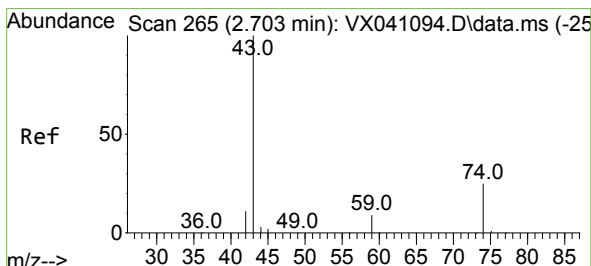
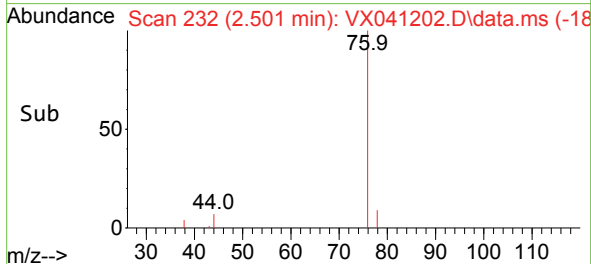
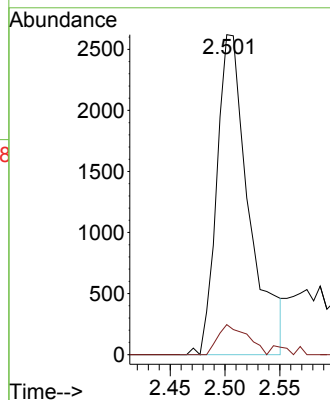
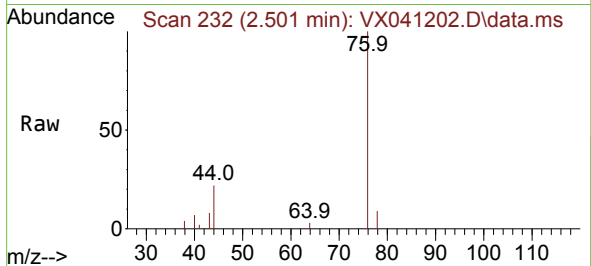
CLEANOUT-TOTE

Tgt Ion: 76 Resp: 5338

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



#18

Methyl Acetate

Concen: 0.516 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX041202.D

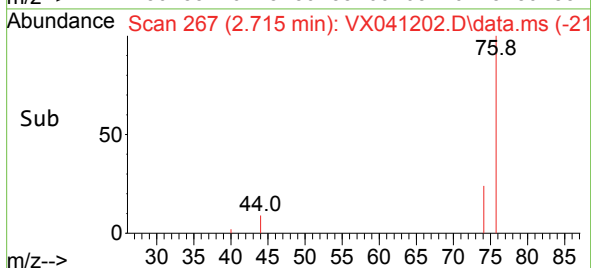
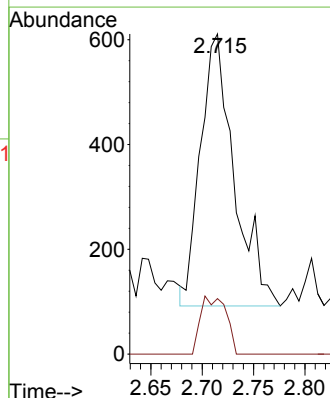
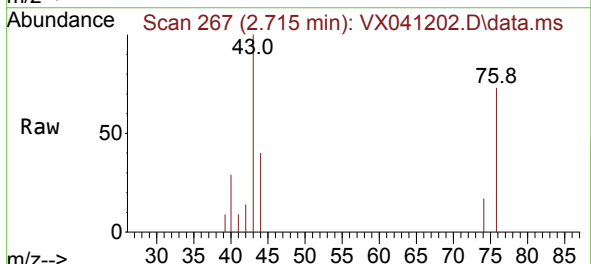
Acq: 22 Apr 2024 20:01

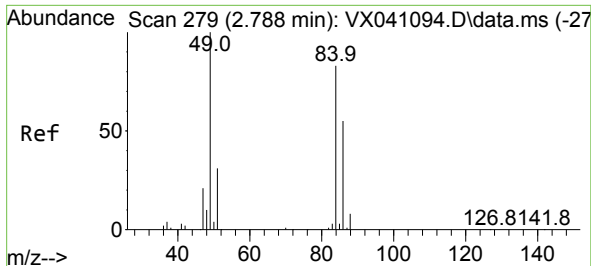
Tgt Ion: 43 Resp: 1186

Ion Ratio Lower Upper

43 100

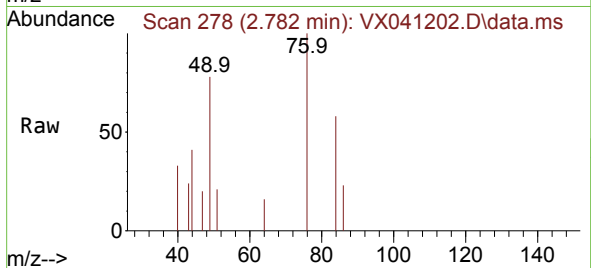
74 16.1 17.8 26.8#



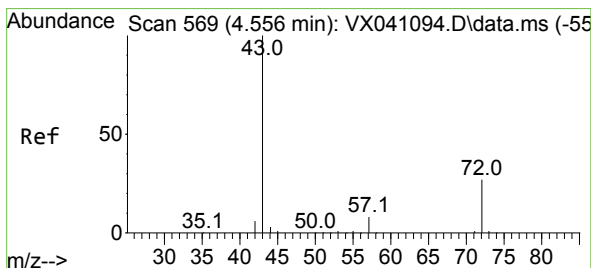
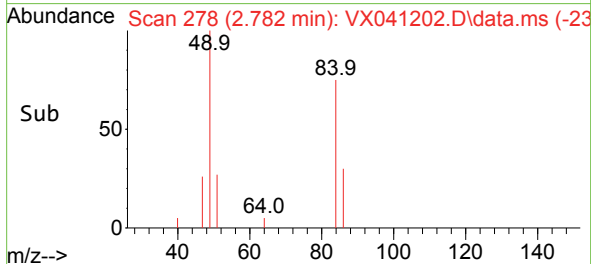
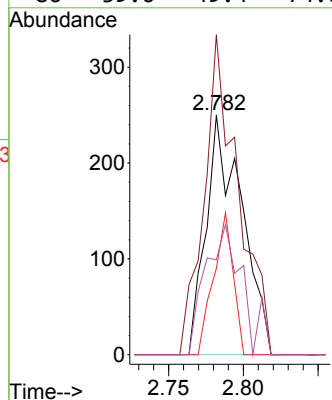


#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041202.D
Acq: 22 Apr 2024 20:01

Instrument :
MSVOA_X
ClientSampleId :
CLEANOUT-TOTE

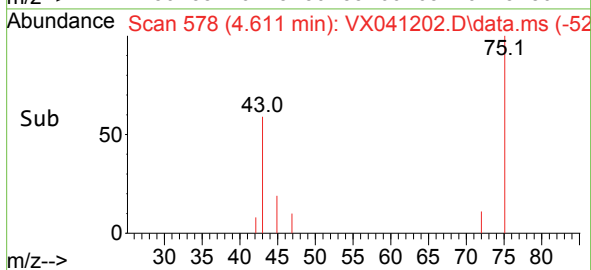
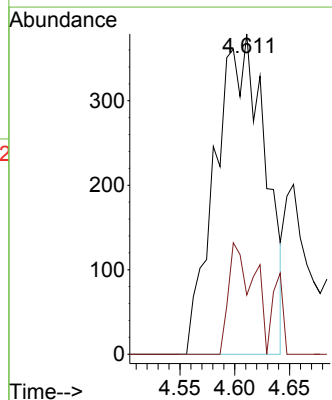
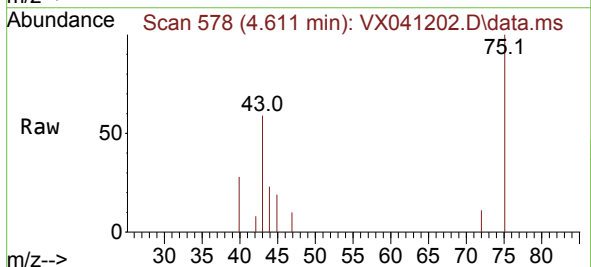


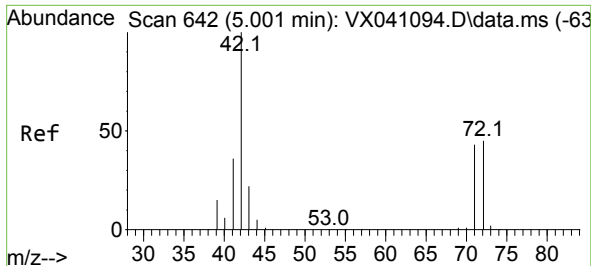
Tgt Ion:	84	Resp:	414
Ion	Ratio	Lower	Upper
84	100		
49	133.6	103.6	155.4
51	36.0	33.8	50.6
86	39.6	49.4	74.0



#25
2-Butanone
Concen: 0.902 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.043 min
Lab File: VX041202.D
Acq: 22 Apr 2024 20:01

Tgt Ion:	43	Resp:	1197
Ion	Ratio	Lower	Upper
43	100		
72	18.5	19.4	29.2





#29

Tetrahydrofuran

Concen: 0.201 ug/l

RT: 5.062 min Scan# 61

Delta R.T. 0.049 min

Lab File: VX041202.D

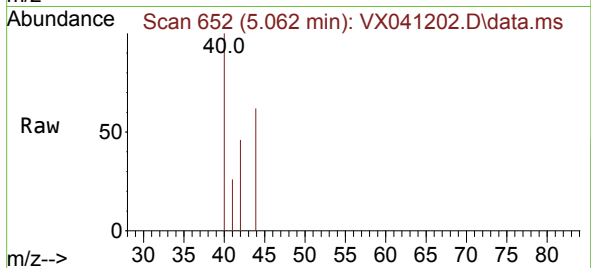
Acq: 22 Apr 2024 20:01

Instrument :

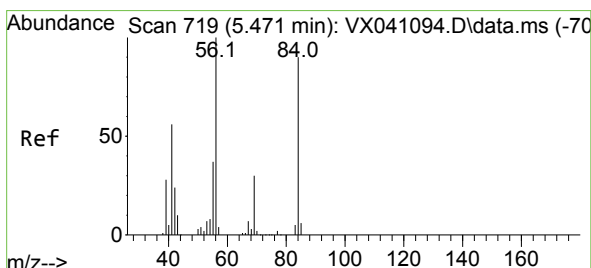
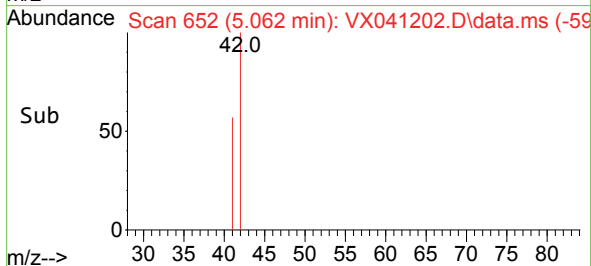
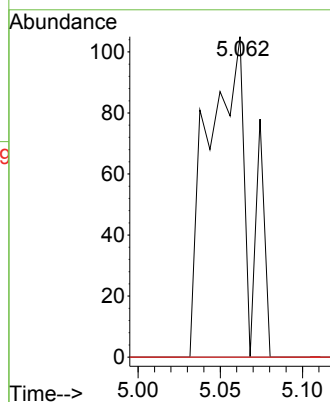
MSVOA_X

ClientSampleId :

CLEANOUT-TOTE



Tgt Ion:	42	Resp:	182
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#



#31

Cyclohexane

Concen: 1.174 ug/l

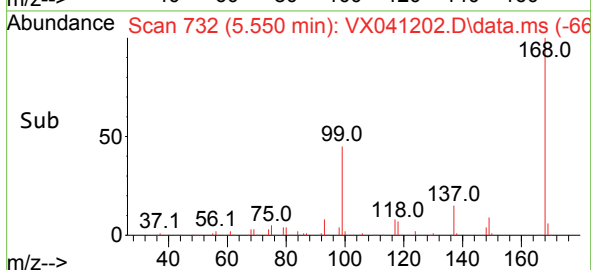
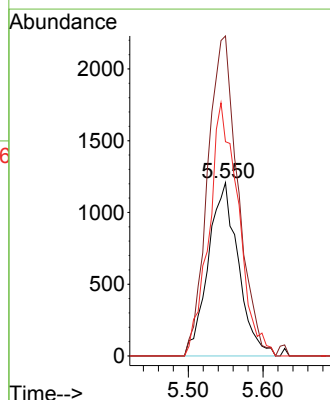
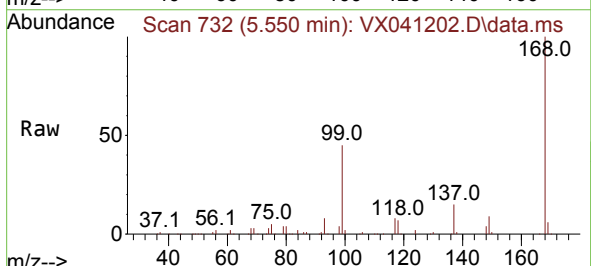
RT: 5.550 min Scan# 732

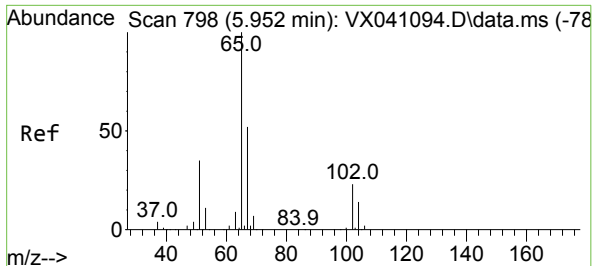
Delta R.T. 0.085 min

Lab File: VX041202.D

Acq: 22 Apr 2024 20:01

Tgt Ion:	56	Resp:	3372
Ion	Ratio	Lower	Upper
56	100		
69	184.8	23.4	35.2#
84	123.7	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 51.409 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041202.D

Acq: 22 Apr 2024 20:01

Instrument :

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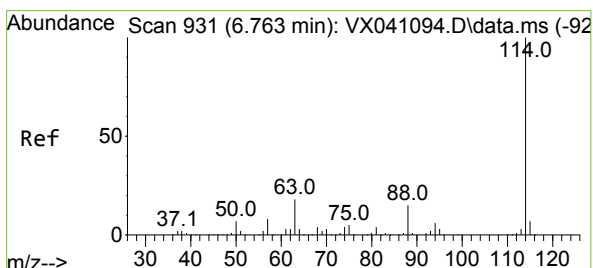
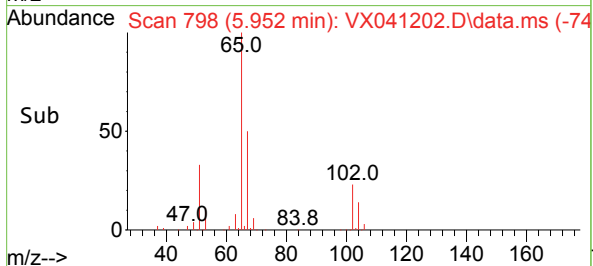
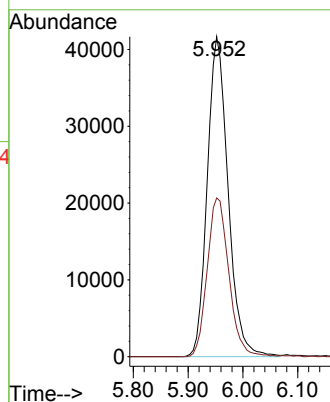
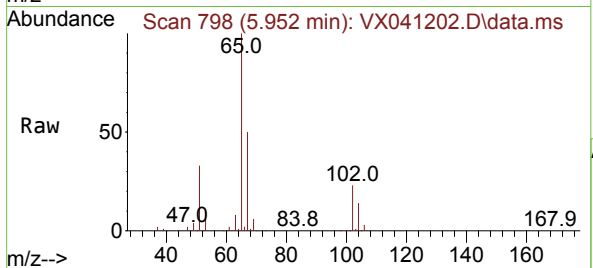
CLEANOUT-TOTE

Tgt Ion: 65 Resp: 109741

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041202.D

Acq: 22 Apr 2024 20:01

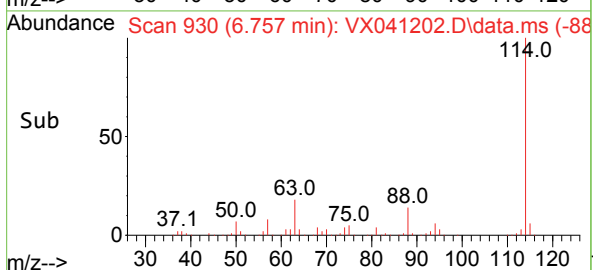
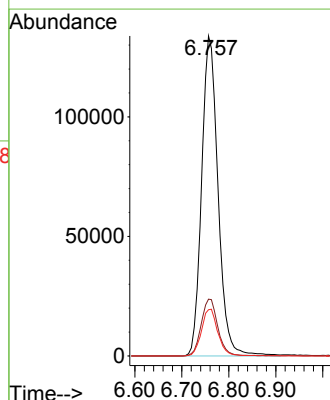
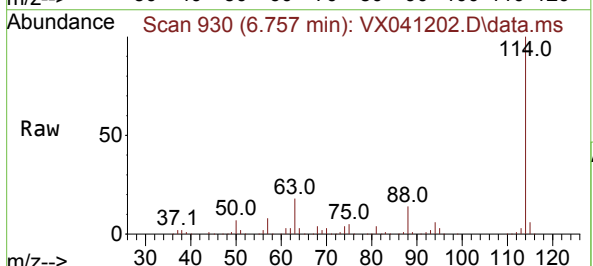
Tgt Ion: 114 Resp: 324519

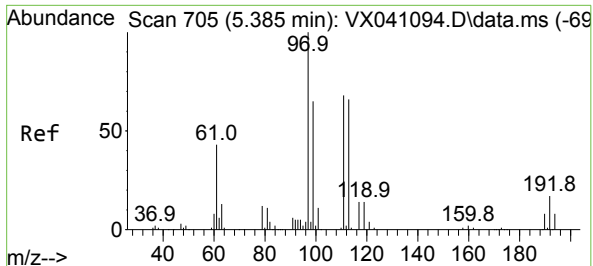
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

88 14.5 0.0 36.6

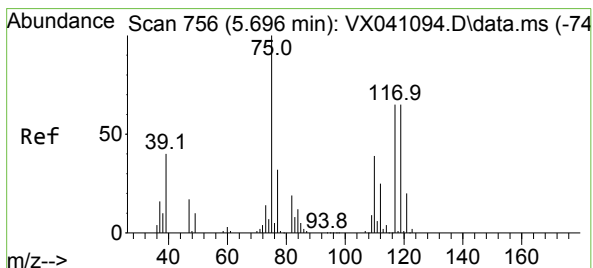
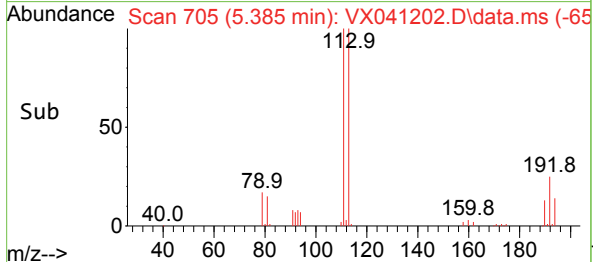
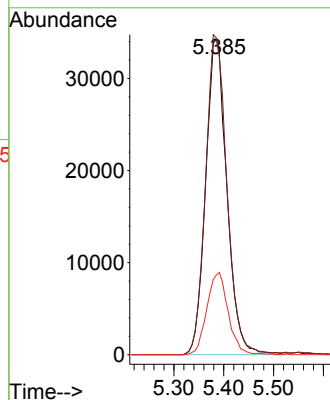
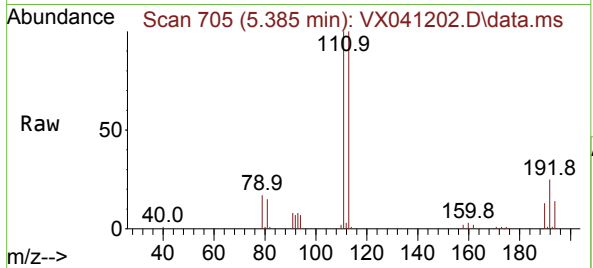




#35
Dibromofluoromethane
Concen: 51.272 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041202.D
Acq: 22 Apr 2024 20:01

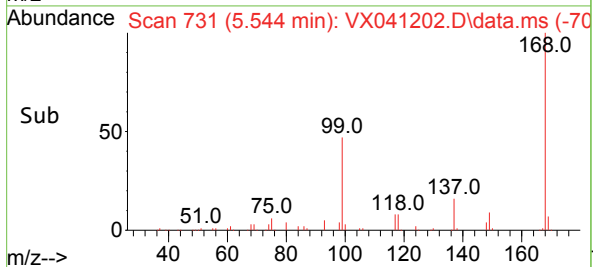
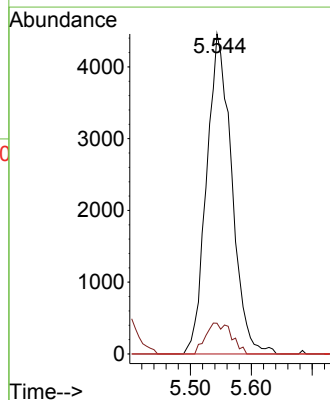
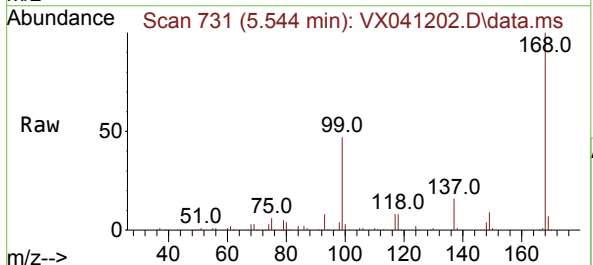
Instrument :
MSVOA_X
ClientSampleId :
CLEANOUT-TOTE

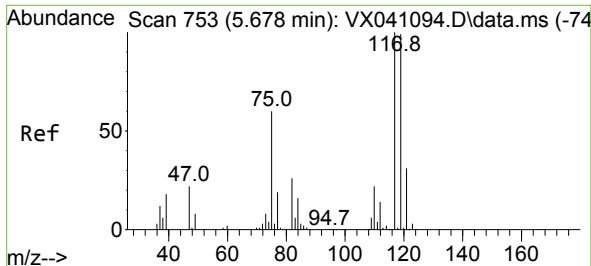
Tgt Ion:113 Resp: 101212
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 26.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041202.D
Acq: 22 Apr 2024 20:01

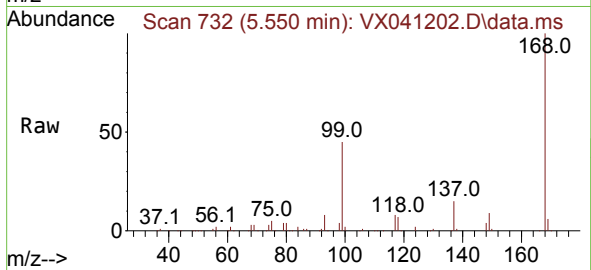
Tgt Ion: 75 Resp: 12768
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



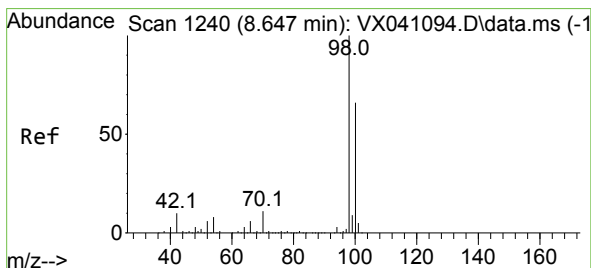
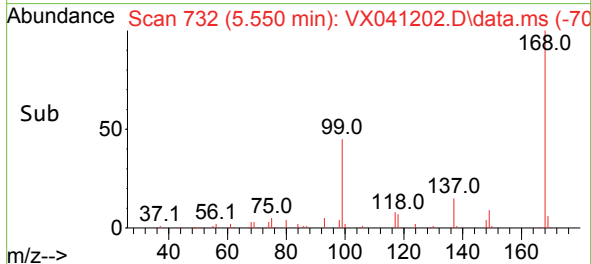
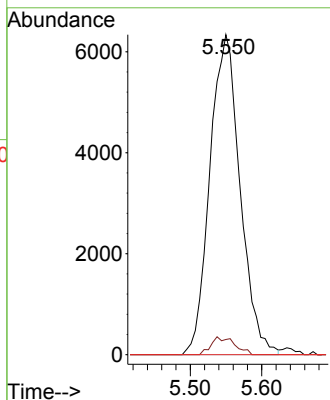


#38
Carbon Tetrachloride
Concen: 6.596 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041202.D
Acq: 22 Apr 2024 20:01

Instrument :
MSVOA_X
ClientSampleId :
CLEANOUT-TOTE

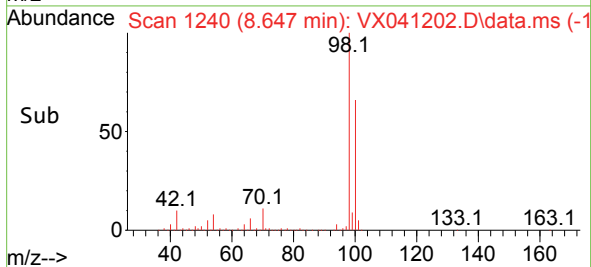
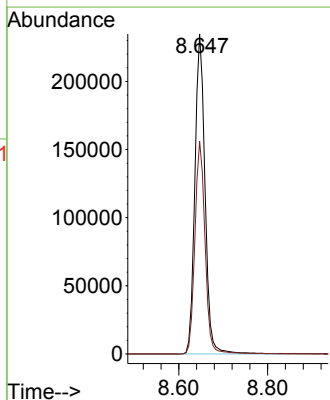
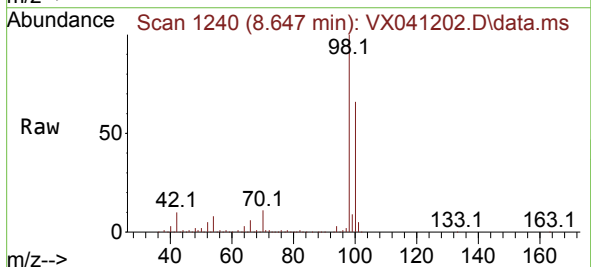


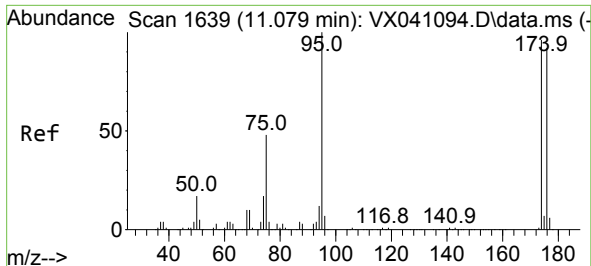
Tgt Ion:117 Resp: 18608
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 55.759 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041202.D
Acq: 22 Apr 2024 20:01

Tgt Ion: 98 Resp: 371358
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

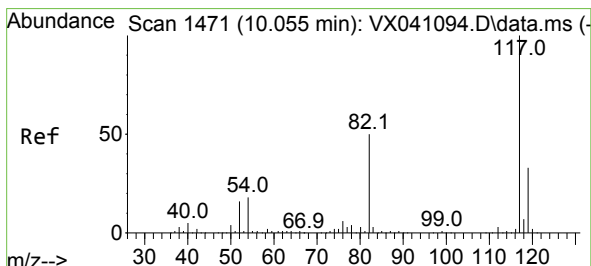
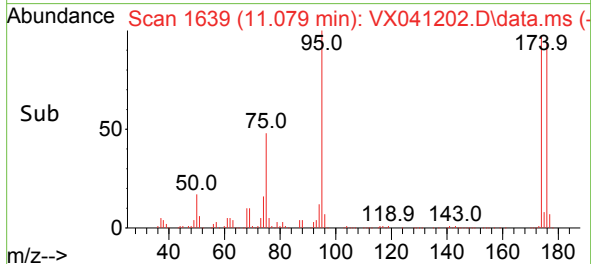
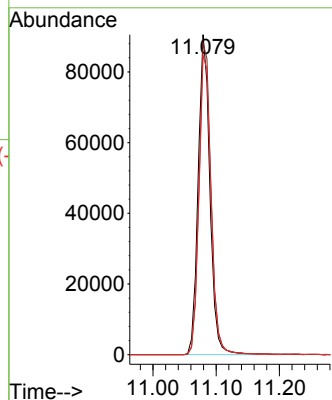
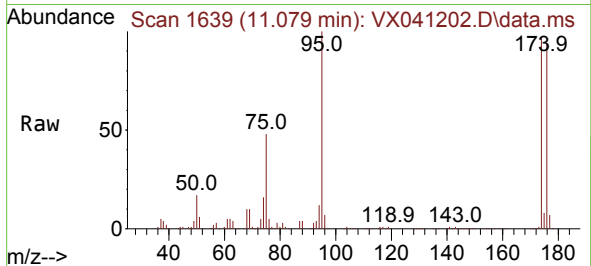




#62
4-Bromofluorobenzene
Concen: 47.676 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041202.D
Acq: 22 Apr 2024 20:01

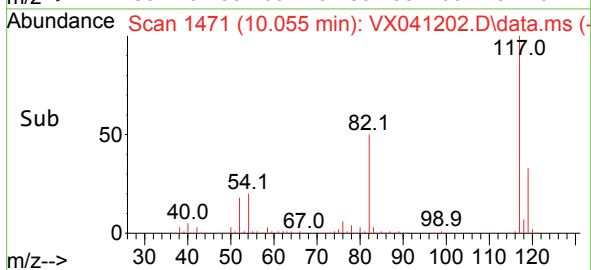
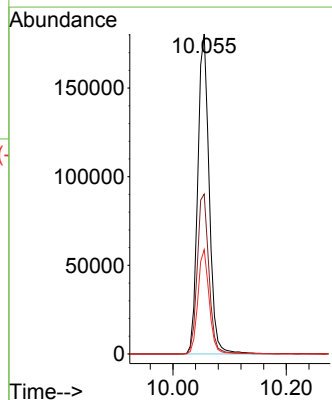
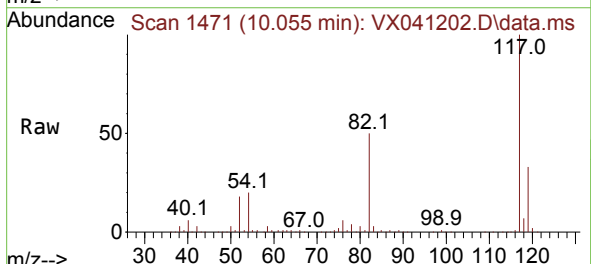
Instrument :
MSVOA_X
ClientSampleId :
CLEANOUT-TOTE

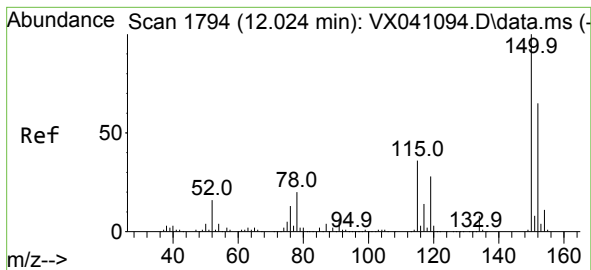
Tgt Ion: 95 Resp: 117199
Ion Ratio Lower Upper
95 100
174 100.1 0.0 135.6
176 96.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041202.D
Acq: 22 Apr 2024 20:01

Tgt Ion: 117 Resp: 252833
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041202.D

Acq: 22 Apr 2024 20:01

Instrument :

MSVOA_X

ClientSampleId :

CLEANOUT-TOTE

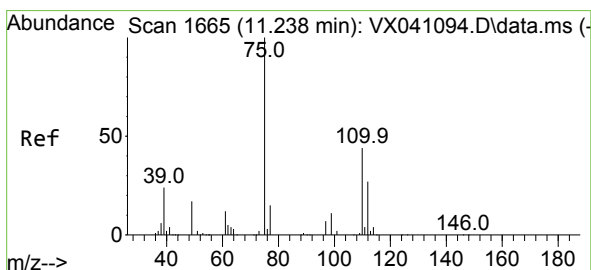
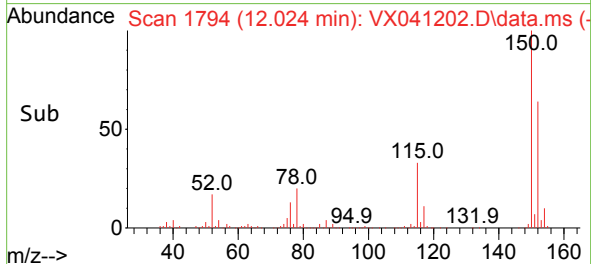
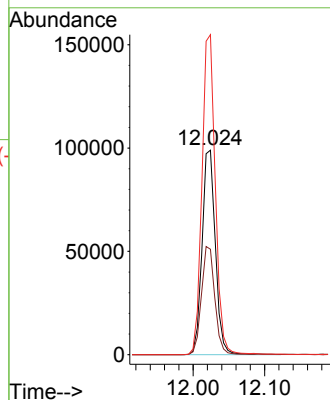
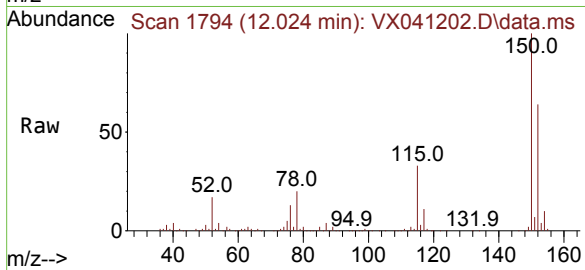
Tgt Ion:152 Resp: 128258

Ion Ratio Lower Upper

152 100

115 53.0 43.3 129.9

150 157.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.482 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041202.D

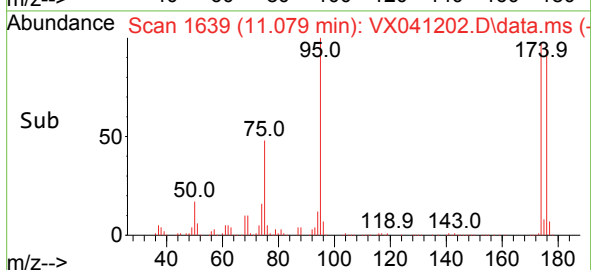
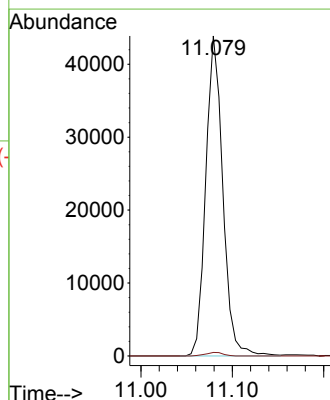
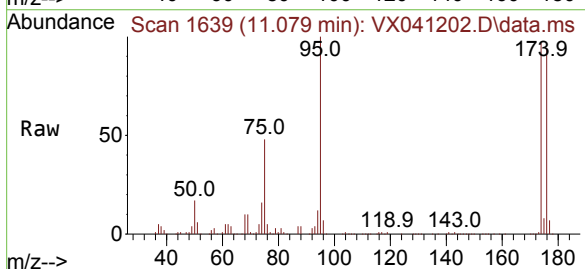
Acq: 22 Apr 2024 20:01

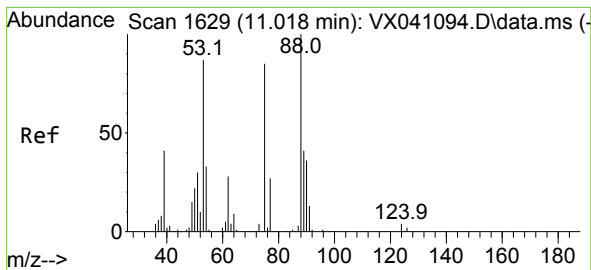
Tgt Ion: 75 Resp: 56791

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.536 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041202.D
 Acq: 22 Apr 2024 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 CLEANOUT-TOTE

Tgt Ion: 75 Resp: 56791
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

