

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
 Data File : VX040936.D
 Acq On : 08 Apr 2024 17:40
 Operator : JC/MD
 Sample : P2025-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE-COMP

Quant Time: Apr 09 02:51:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

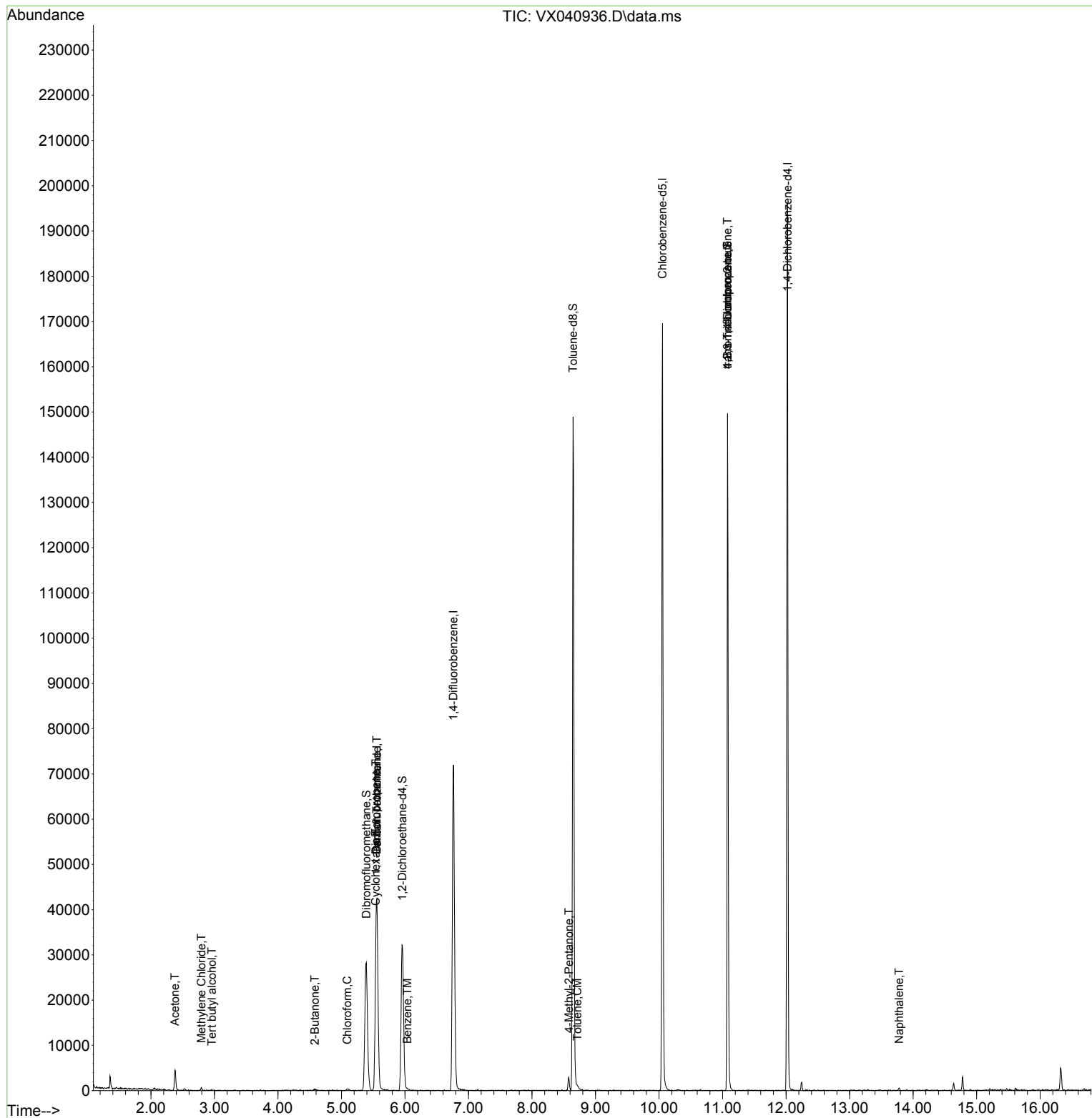
Internal Standards						
1) Pentafluorobenzene	5.556	168	38207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	68203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	69362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34710	50.632	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.260%			
35) Dibromofluoromethane	5.391	113	24107	49.903	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.800%			
50) Toluene-d8	8.647	98	87451	50.098	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.200%			
62) 4-Bromofluorobenzene	11.079	95	36035	51.693	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.380%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	164	1.310	ug/l #	78
16) Acetone	2.380	43	4795	18.014	ug/l	99
20) Methylene Chloride	2.794	84	249	0.505	ug/l #	76
25) 2-Butanone	4.580	43	225	0.569	ug/l #	51
30) Chloroform	5.093	83	537	0.580	ug/l #	81
31) Cyclohexane	5.538	56	459	0.631	ug/l #	63
36) 1,1-Dichloropropene	5.544	75	3382	4.927	ug/l #	50
38) Carbon Tetrachloride	5.556	117	4361	5.739	ug/l #	15
40) Benzene	6.037	78	434	0.228	ug/l #	51
51) 4-Methyl-2-Pentanone	8.580	43	1755	2.033	ug/l	99
52) Toluene	8.714	92	269	0.224	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	21520	27.556	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	21520	74.347	ug/l #	5
95) Naphthalene	13.780	128	647	0.244	ug/l #	69

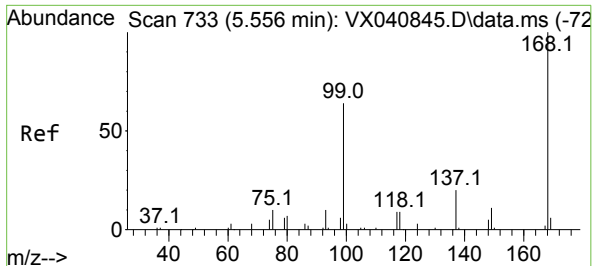
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260
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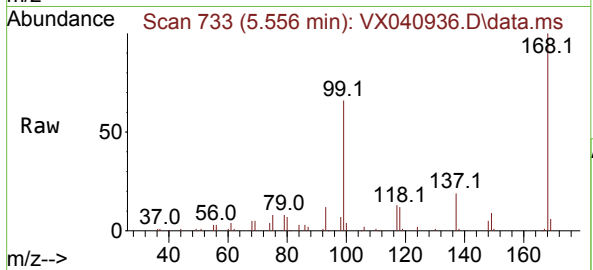
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040936.D
Acq: 08 Apr 2024 17:40

Instrument :

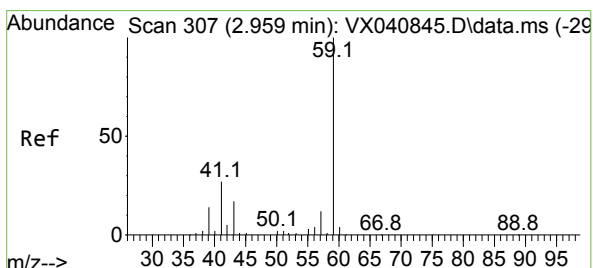
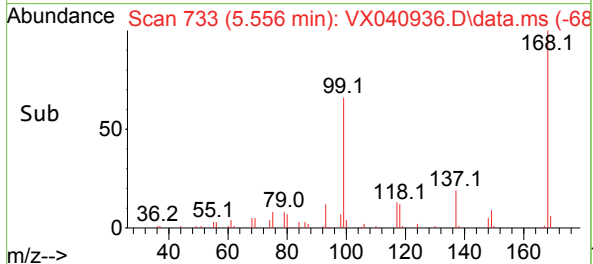
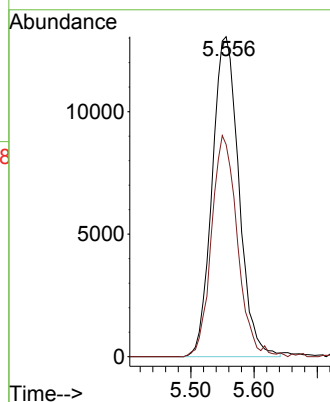
MSVOA_X

ClientSampleId :

TOTE-COMP

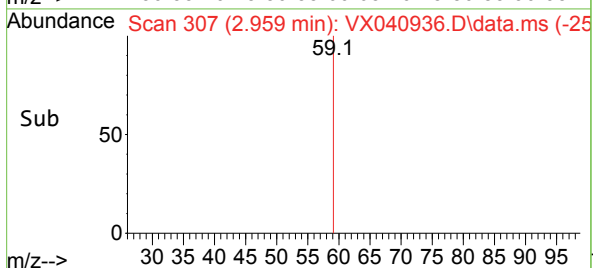
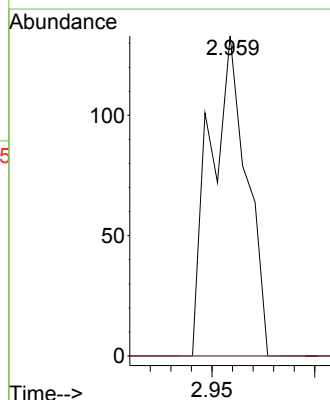
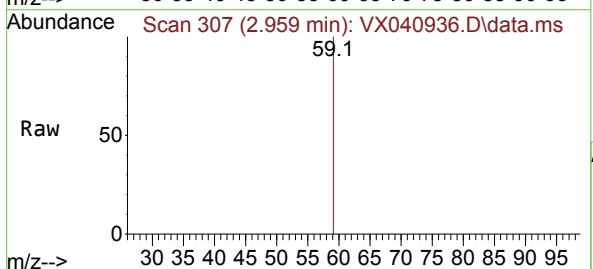


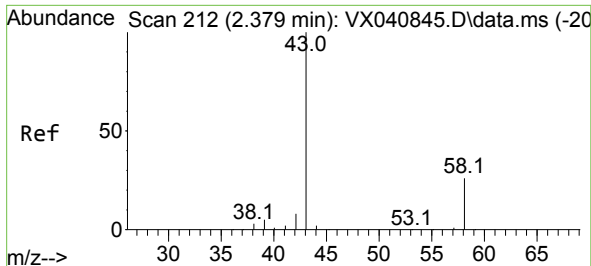
Tgt Ion:168 Resp: 38207
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.310 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040936.D
Acq: 08 Apr 2024 17:40

Tgt Ion: 59 Resp: 164
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 18.014 ug/l

RT: 2.380 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040936.D

Acq: 08 Apr 2024 17:40

Instrument :

MSVOA_X

ClientSampleId :

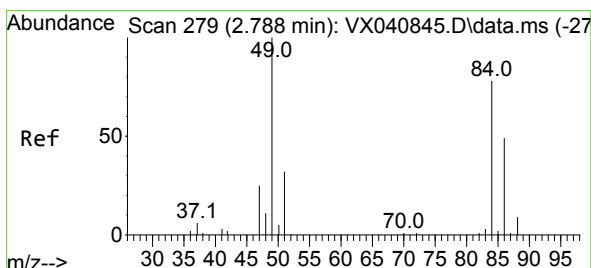
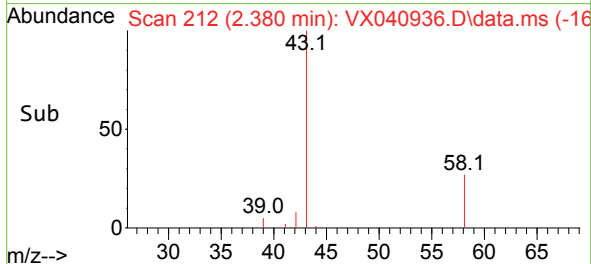
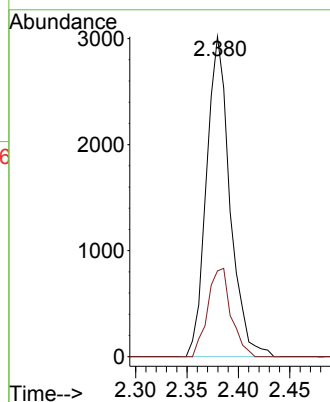
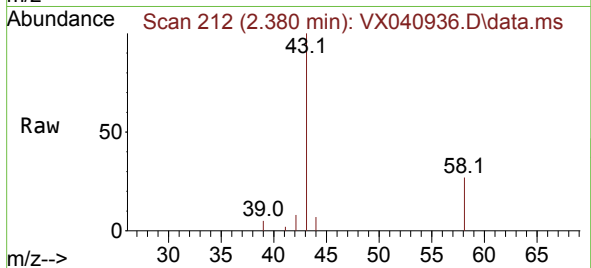
TOTE-COMP

Tgt Ion: 43 Resp: 4795

Ion Ratio Lower Upper

43 100

58 26.8 21.9 32.9



#20

Methylene Chloride

Concen: 0.505 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX040936.D

Acq: 08 Apr 2024 17:40

Tgt Ion: 84 Resp: 249

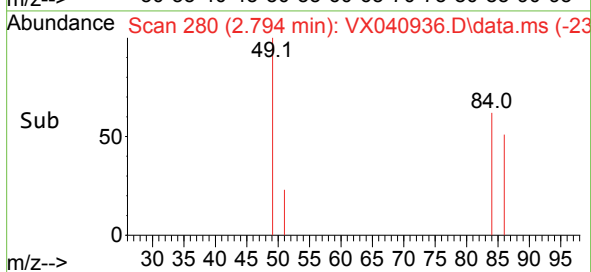
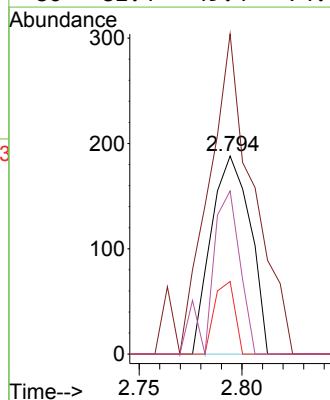
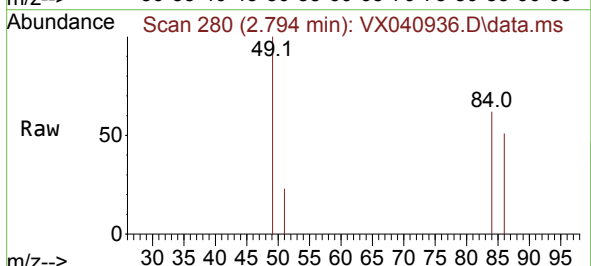
Ion Ratio Lower Upper

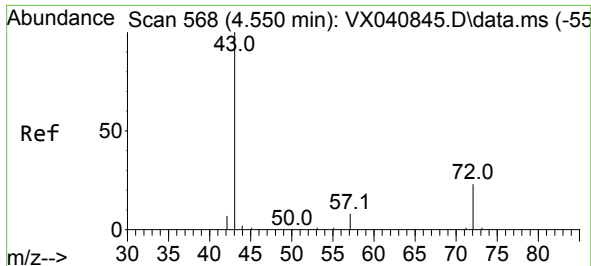
84 100

49 161.7 103.6 155.4#

51 36.7 33.8 50.6

86 82.4 49.4 74.0#





#25

2-Butanone

Concen: 0.569 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX040936.D

Acq: 08 Apr 2024 17:40

Instrument :

MSVOA_X

ClientSampleId :

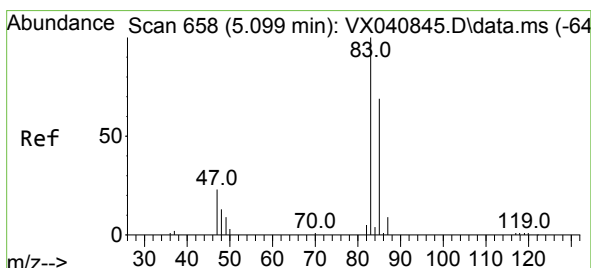
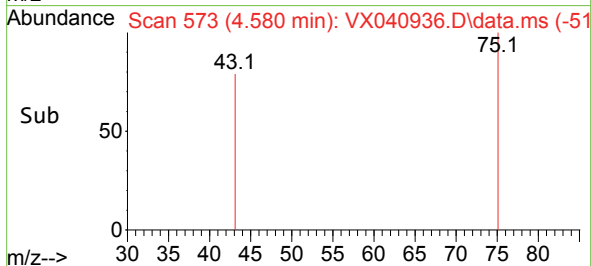
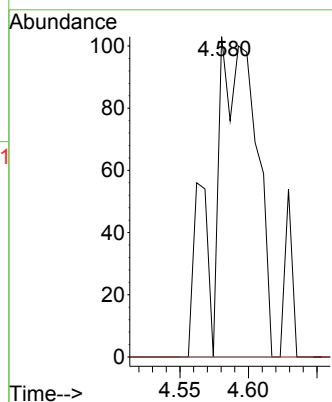
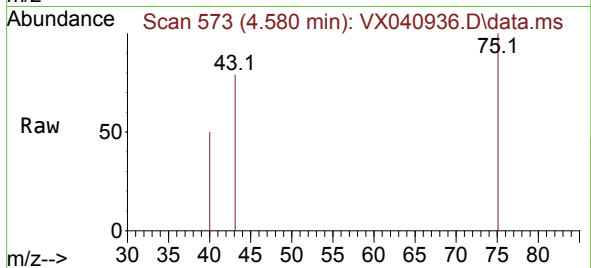
TOTE-COMP

Tgt Ion: 43 Resp: 225

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#30

Chloroform

Concen: 0.580 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX040936.D

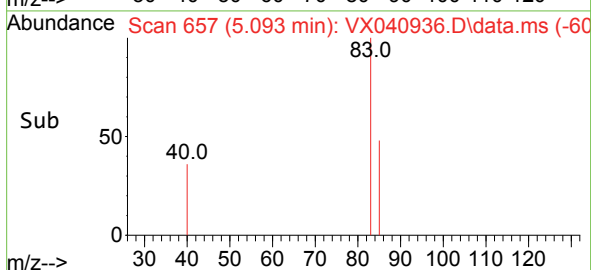
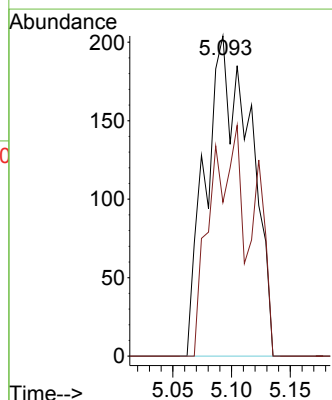
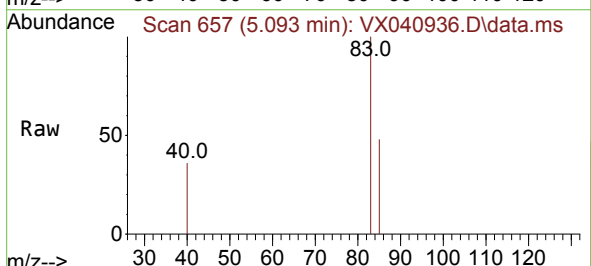
Acq: 08 Apr 2024 17:40

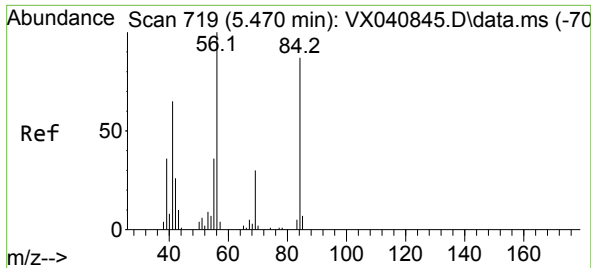
Tgt Ion: 83 Resp: 537

Ion Ratio Lower Upper

83 100

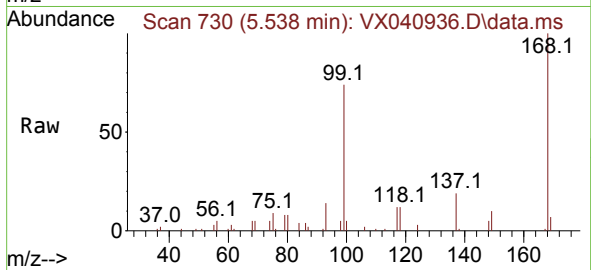
85 48.0 50.3 75.5#



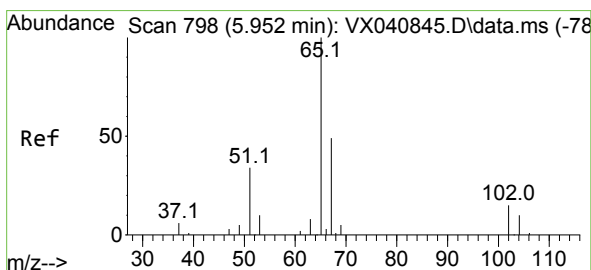
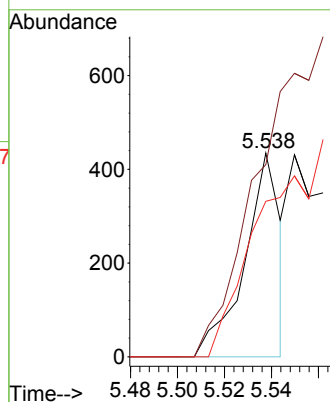
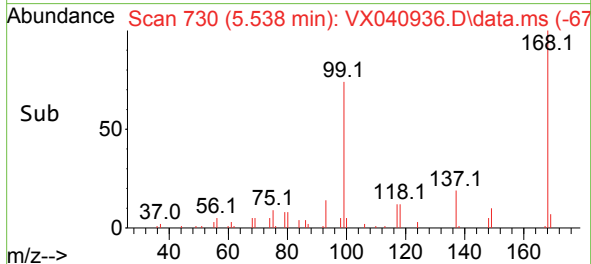


#31
Cyclohexane
Concen: 0.631 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX040936.D
Acq: 08 Apr 2024 17:40

Instrument :
MSVOA_X
ClientSampleId :
TOTE-COMP

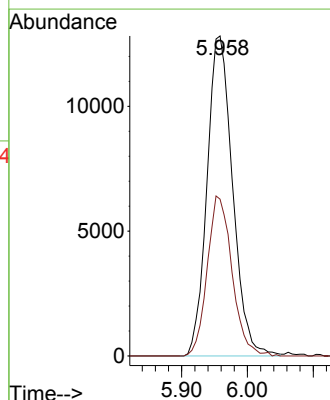
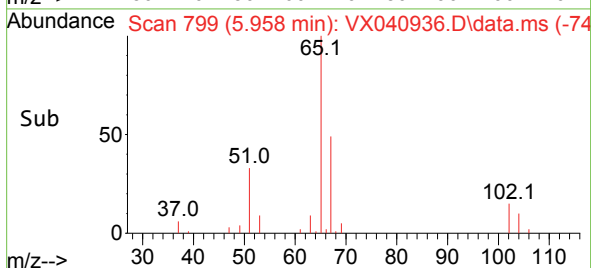
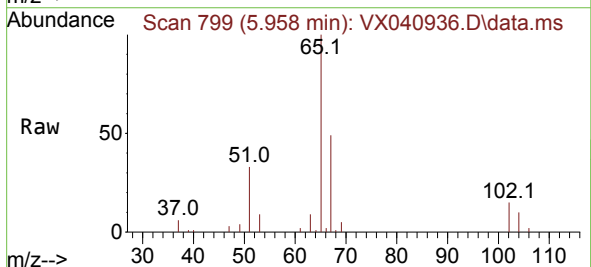


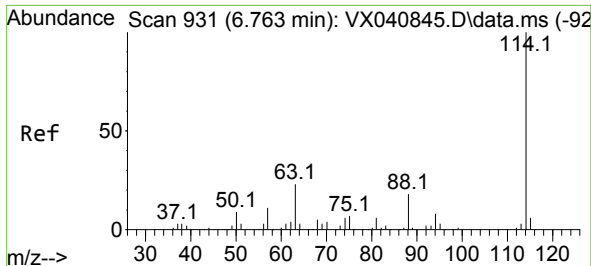
Tgt Ion: 56 Resp: 459
Ion Ratio Lower Upper
56 100
69 94.3 23.4 35.2#
84 76.3 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 50.632 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040936.D
Acq: 08 Apr 2024 17:40

Tgt Ion: 65 Resp: 34710
Ion Ratio Lower Upper
65 100
67 48.5 0.0 100.2

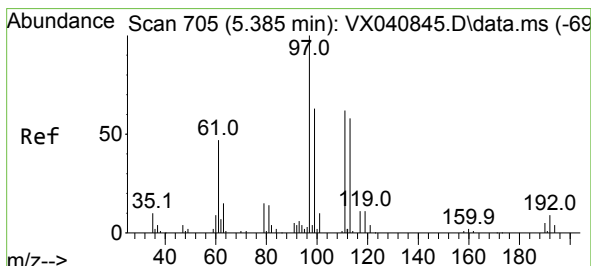
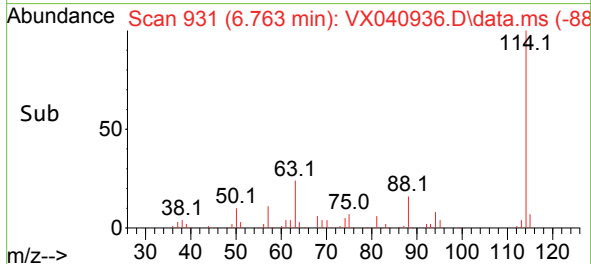
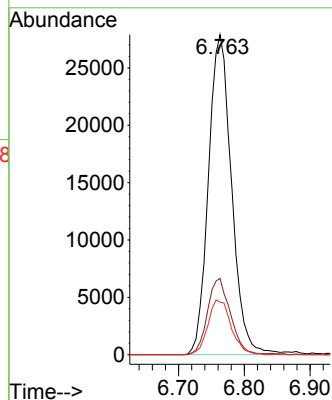
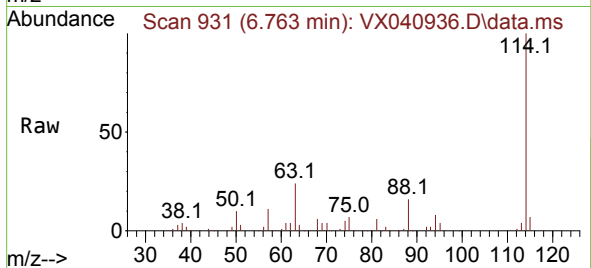




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040936.D
Acq: 08 Apr 2024 17:40

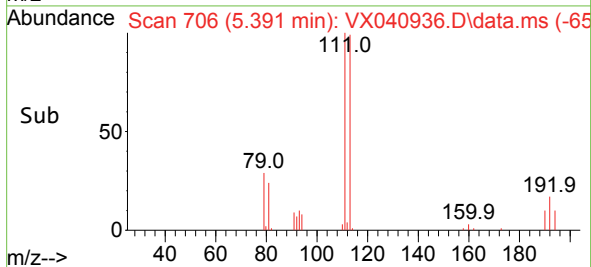
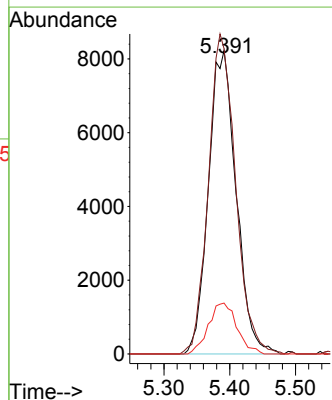
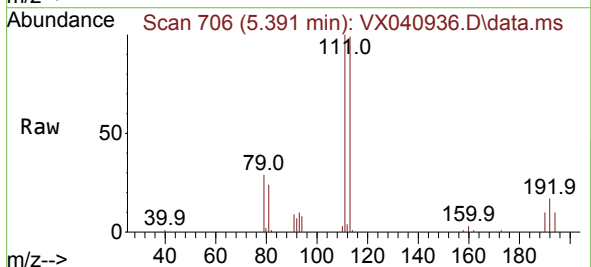
Instrument :
MSVOA_X
ClientSampleId :
TOTE-COMP

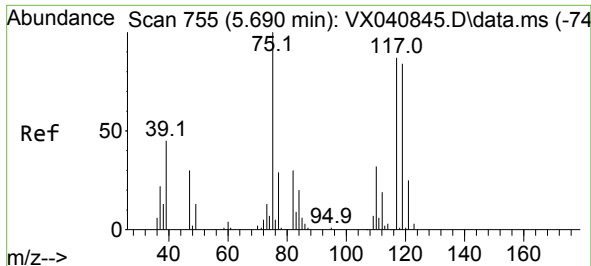
Tgt Ion:114 Resp: 68203
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.903 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040936.D
Acq: 08 Apr 2024 17:40

Tgt Ion:113 Resp: 24107
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 17.2 13.3 19.9

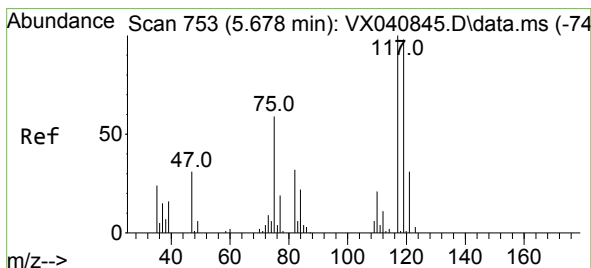
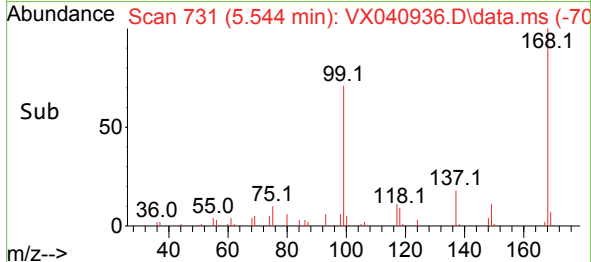
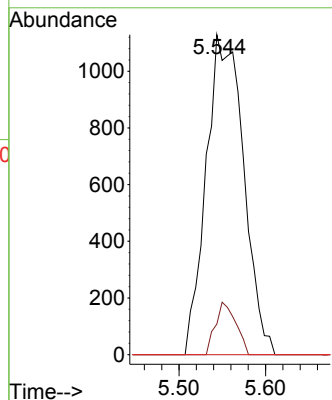
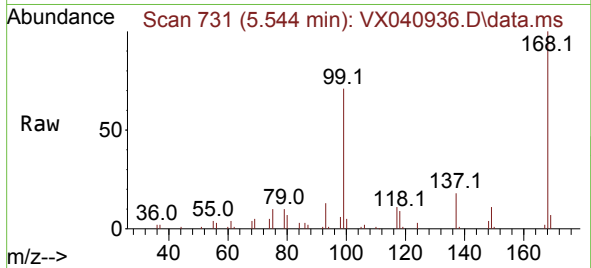




#36
1,1-Dichloropropene
Concen: 4.927 ug/l
RT: 5.544 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX040936.D
Acq: 08 Apr 2024 17:40

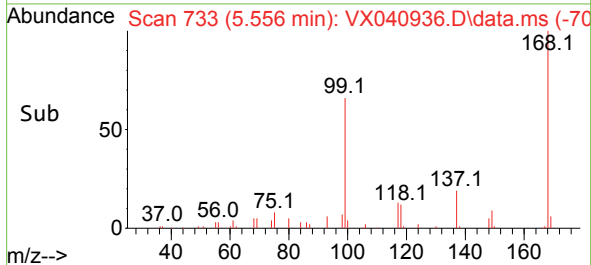
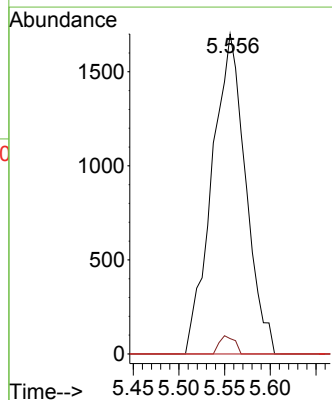
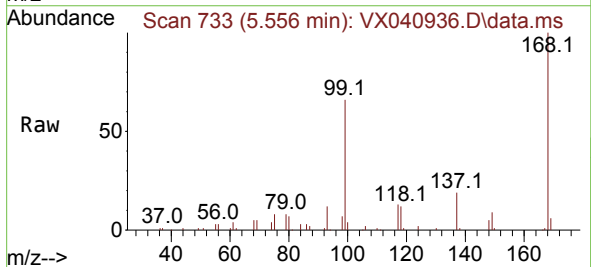
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MSVOA_X
ClientSampleId :
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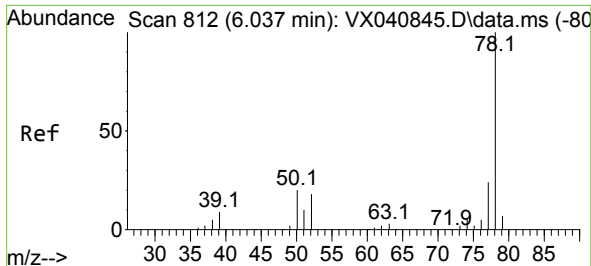
Tgt Ion: 75 Resp: 3382
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.739 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX040936.D
Acq: 08 Apr 2024 17:40

Tgt Ion: 117 Resp: 4361
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#





#40

Benzene

Concen: 0.228 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX040936.D

Acq: 08 Apr 2024 17:40

Instrument :

MSVOA_X

ClientSampleId :

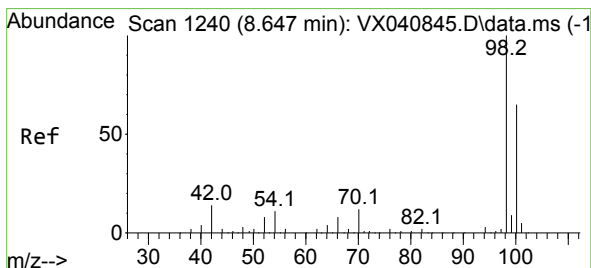
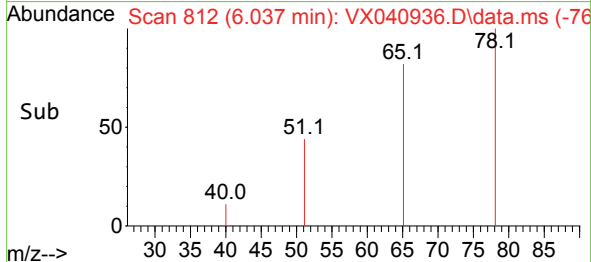
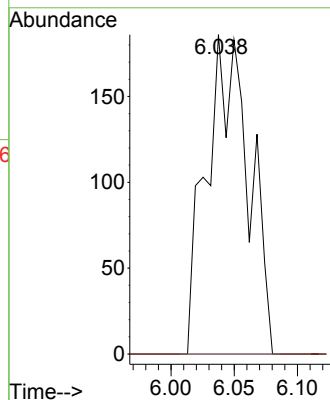
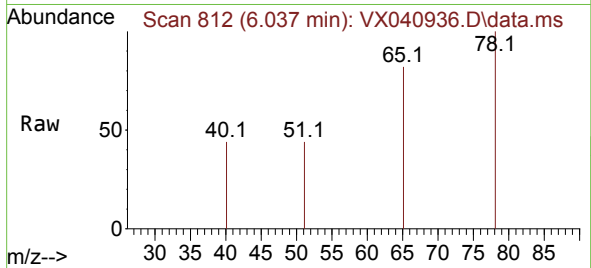
TOTE-COMP

Tgt Ion: 78 Resp: 434

Ion Ratio Lower Upper

78 100

77 0.0 19.3 28.9#



#50

Toluene-d8

Concen: 50.098 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX040936.D

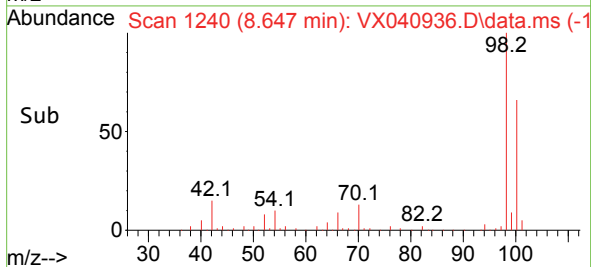
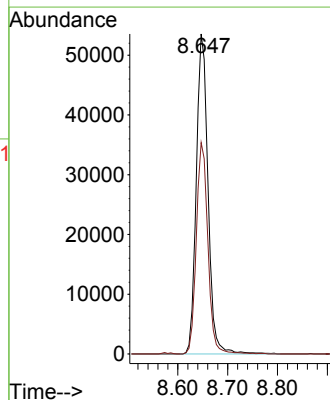
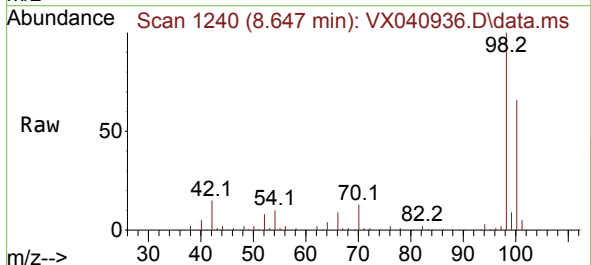
Acq: 08 Apr 2024 17:40

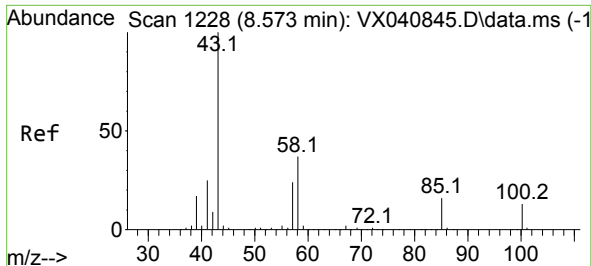
Tgt Ion: 98 Resp: 87451

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7

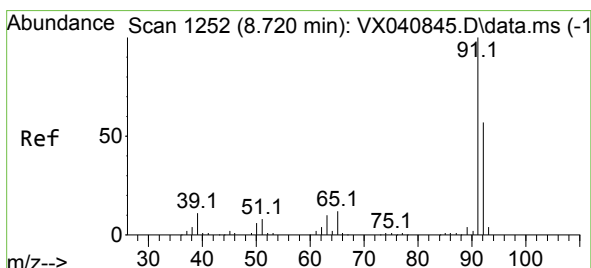
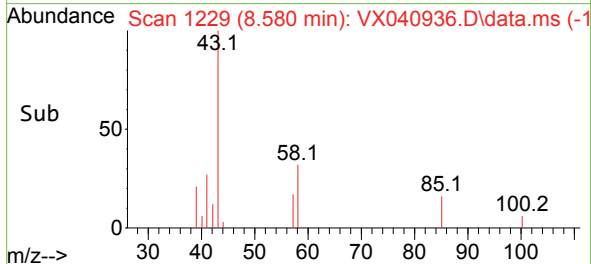
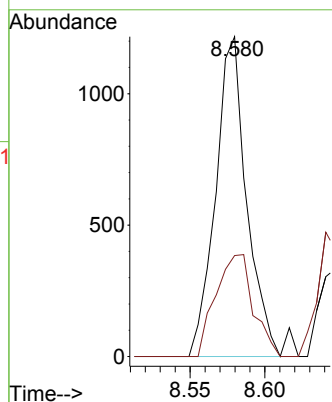
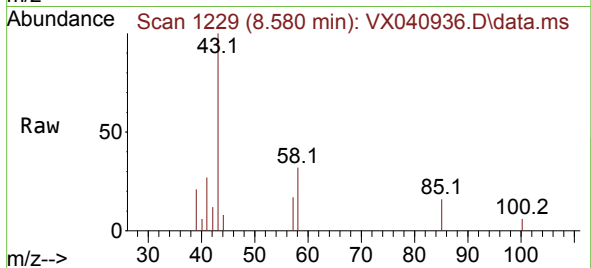




#51
4-Methyl-2-Pentanone
Concen: 2.033 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX040936.D
Acq: 08 Apr 2024 17:40

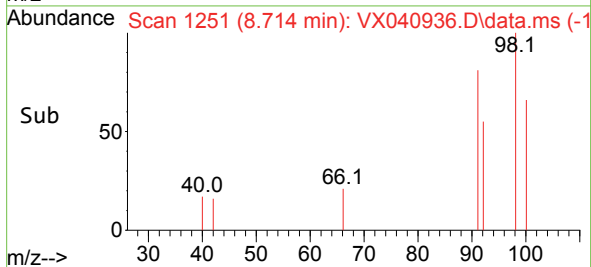
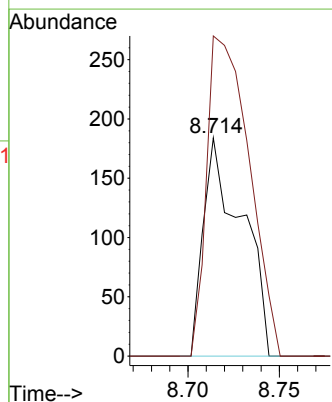
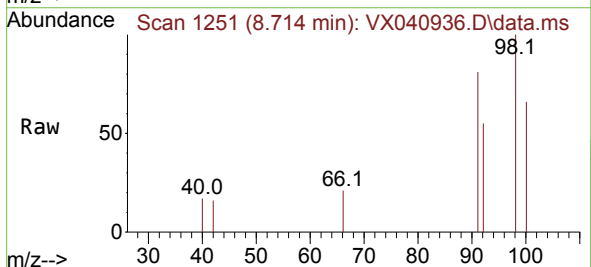
Instrument :
MSVOA_X
ClientSampleId :
TOTE-COMP

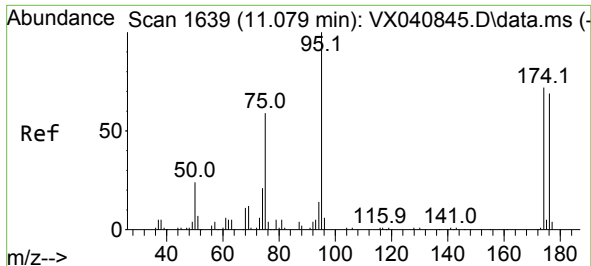
Tgt Ion: 43 Resp: 1755
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6



#52
Toluene
Concen: 0.224 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040936.D
Acq: 08 Apr 2024 17:40

Tgt Ion: 92 Resp: 269
Ion Ratio Lower Upper
92 100
91 162.5 134.2 201.2

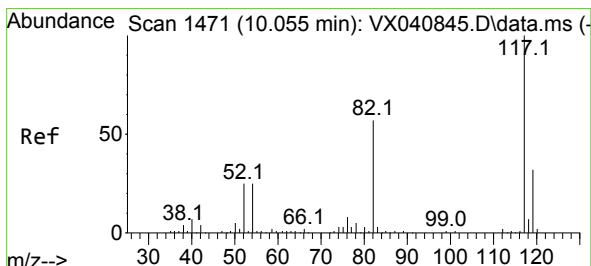
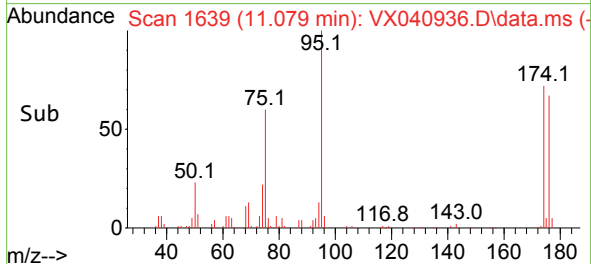
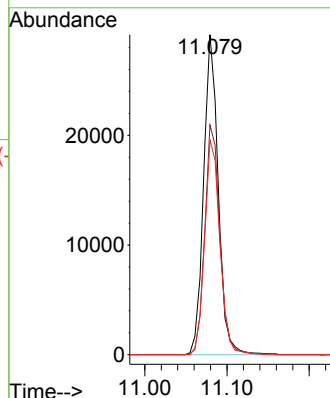
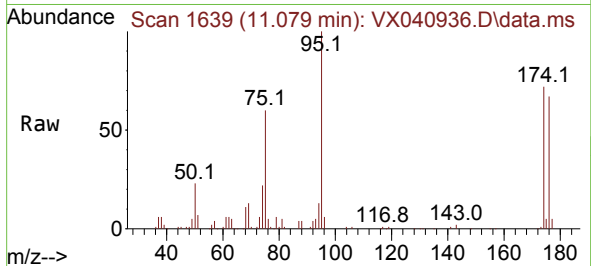




#62
4-Bromofluorobenzene
Concen: 51.693 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040936.D
Acq: 08 Apr 2024 17:40

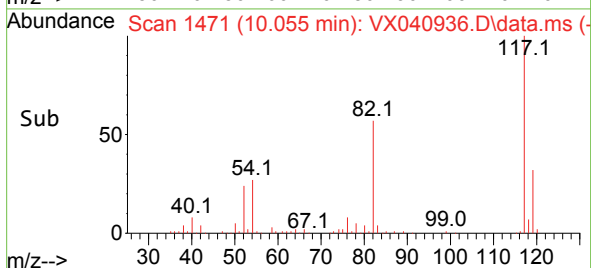
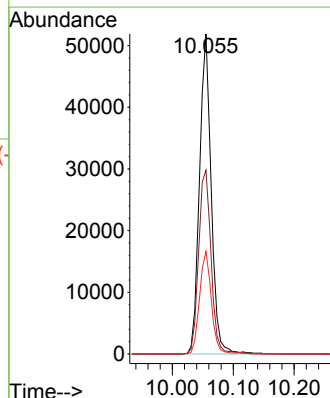
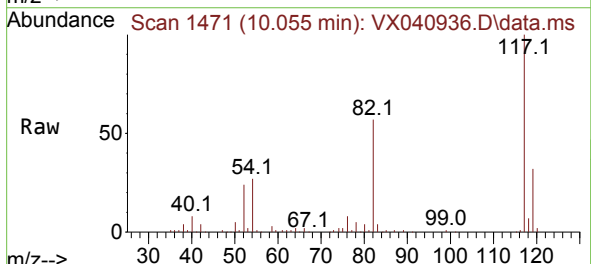
Instrument :
MSVOA_X
ClientSampleId :
TOTE-COMP

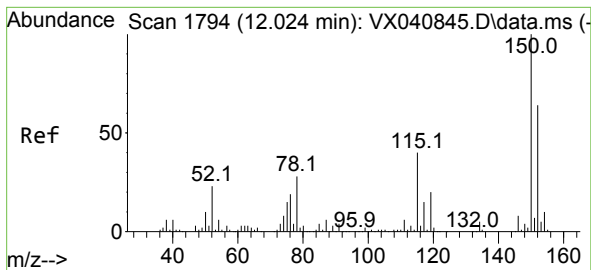
Tgt Ion: 95 Resp: 36035
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 70.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040936.D
Acq: 08 Apr 2024 17:40

Tgt Ion: 117 Resp: 69362
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040936.D

Acq: 08 Apr 2024 17:40

Instrument :

MSVOA_X

ClientSampleId :

TOTE-COMP

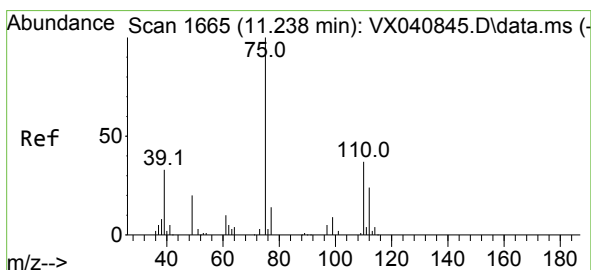
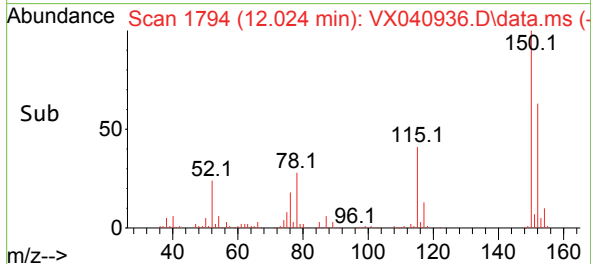
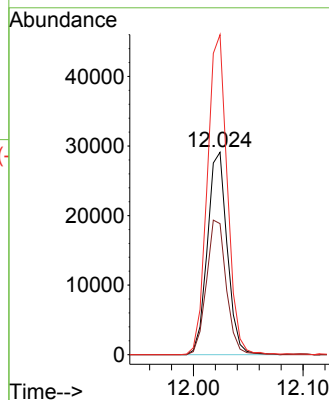
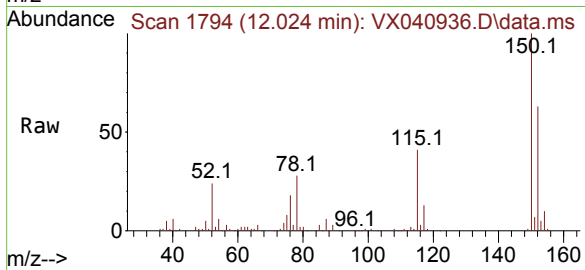
Tgt Ion:152 Resp: 36623

Ion Ratio Lower Upper

152 100

115 66.5 43.3 129.9

150 159.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.556 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040936.D

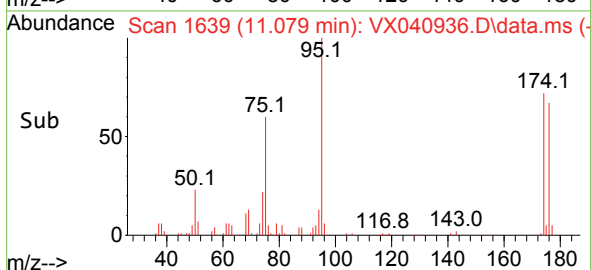
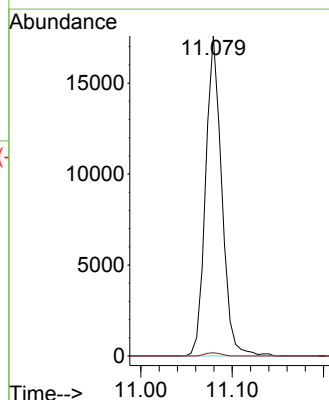
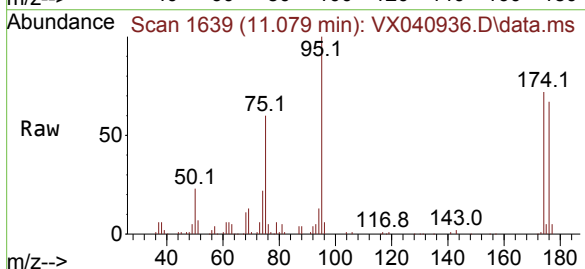
Acq: 08 Apr 2024 17:40

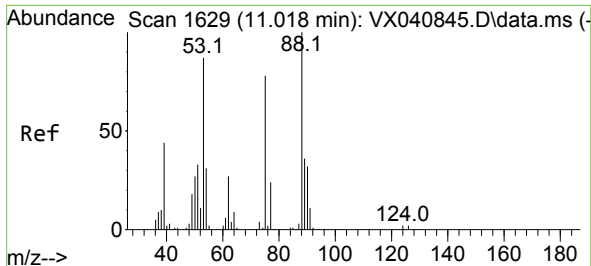
Tgt Ion: 75 Resp: 21520

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

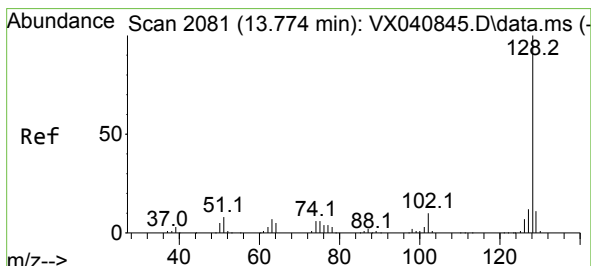
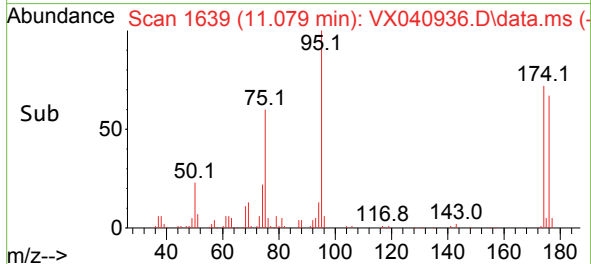
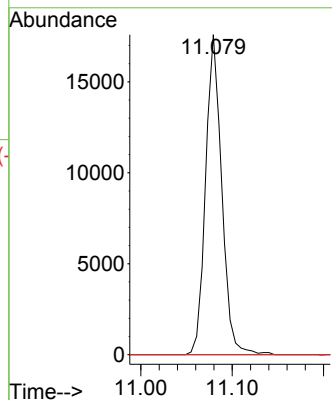
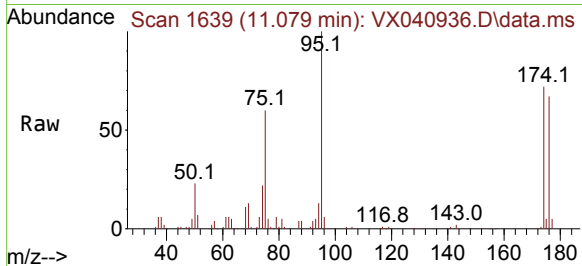




#81
trans-1,4-Dichloro-2-butene
Concen: 74.347 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040936.D
Acq: 08 Apr 2024 17:40

Instrument :
MSVOA_X
ClientSampleId :
TOTE-COMP

Tgt Ion: 75 Resp: 21520
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.244 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040936.D
Acq: 08 Apr 2024 17:40

Tgt Ion:128 Resp: 647
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

