

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042152.D
 Acq On : 02 Jul 2024 20:03
 Operator : JC/MD
 Sample : P3106-04 20X
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 03 03:40:30 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

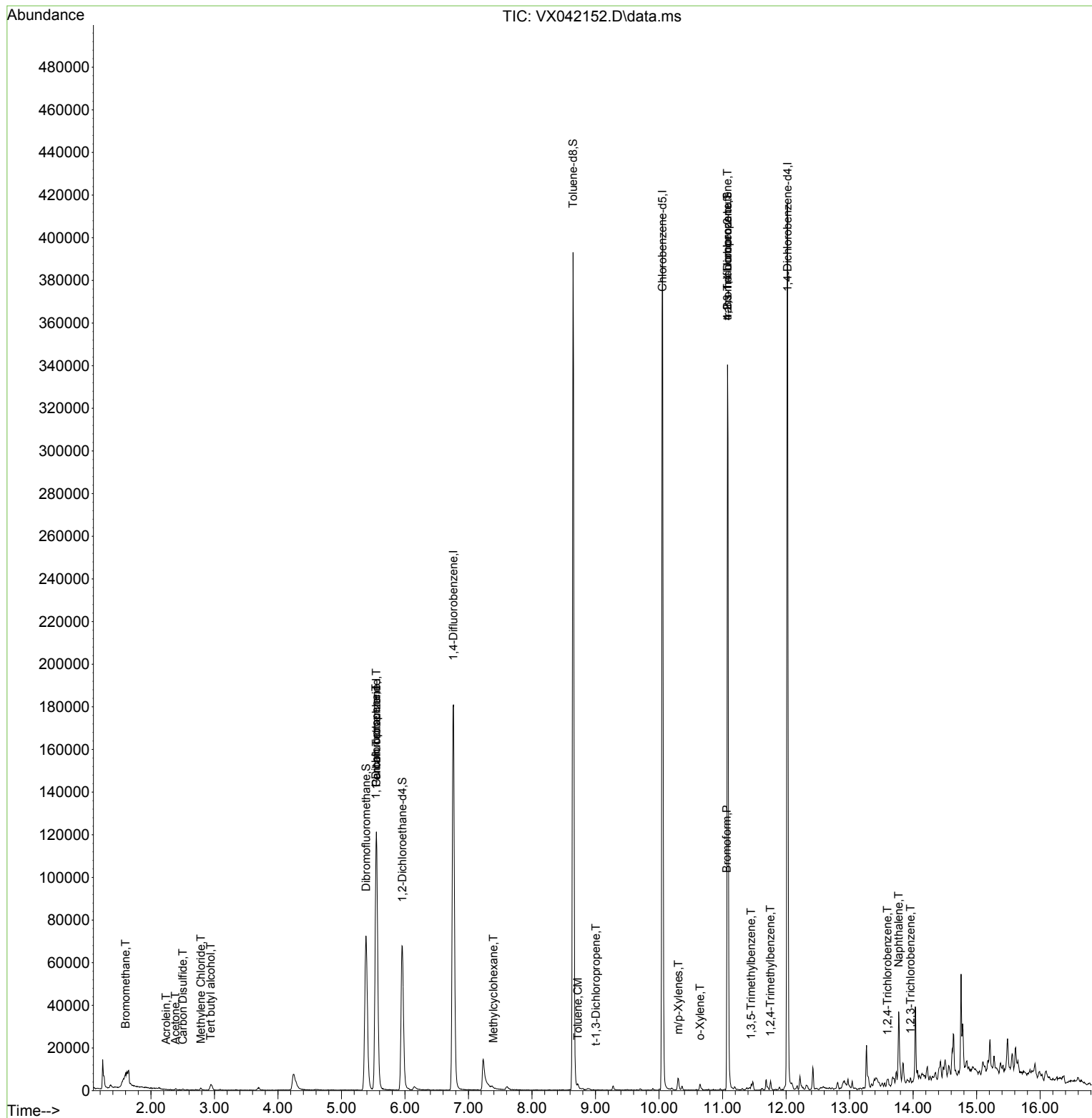
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	134384	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	204644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65976	42.576	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.160%
35) Dibromofluoromethane	5.385	113	65102	44.834	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.660%
50) Toluene-d8	8.647	98	238691	46.791	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.580%
62) 4-Bromofluorobenzene	11.079	95	91139	48.468	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.940%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	398	0.626	ug/l	91
6) Chloroethane	1.648	64	56	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	1754	5.964	ug/l	# 78
13) Acrolein	2.239	56	111	0.337	ug/l	# 71
16) Acetone	2.386	43	560	0.823	ug/l	100
17) Carbon Disulfide	2.501	76	628	0.266	ug/l	# 76
20) Methylene Chloride	2.788	84	515	0.346	ug/l	# 92
36) 1,1-Dichloropropene	5.544	75	7690	4.987	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	11272	6.616	ug/l	# 16
39) Methylcyclohexane	7.391	83	408	0.209	ug/l	# 27
52) Toluene	8.720	92	924	0.279	ug/l	93
53) t-1,3-Dichloropropene	9.006	75	20	0.902	ug/l	# 43
68) m/p-Xylenes	10.305	106	1434	0.534	ug/l	100
69) o-Xylene	10.646	106	884	0.333	ug/l	84
71) Bromoform	11.067	173	58	0.917	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	41134	22.000	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.451	105	1429	0.274	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	41134	62.477	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	2233	0.427	ug/l	89
93) 1,2,4-Trichlorobenzene	13.597	180	451	0.205	ug/l	80
95) Naphthalene	13.774	128	22126	3.699	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	701	0.302	ug/l	90

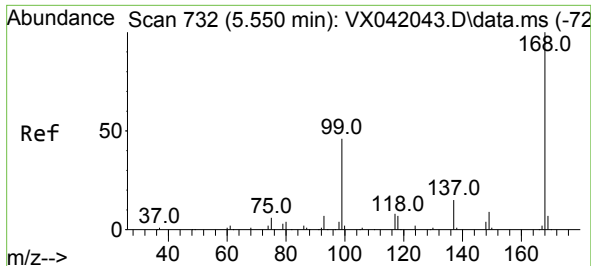
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

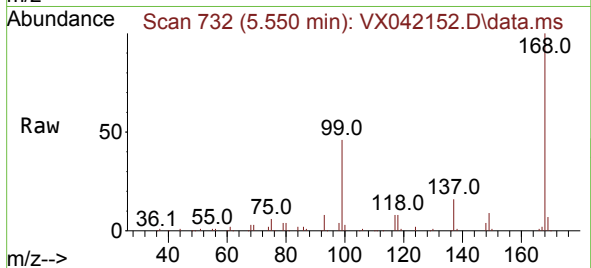
Quant Time: Jul 03 03:40:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
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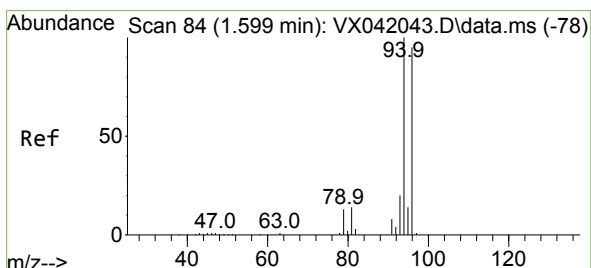
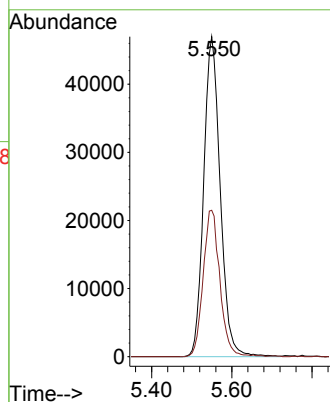
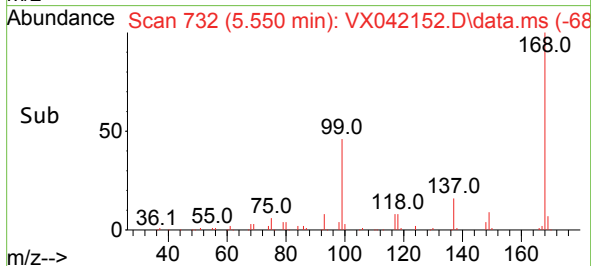


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

Instrument :
MSVOA_X
ClientSampleId :

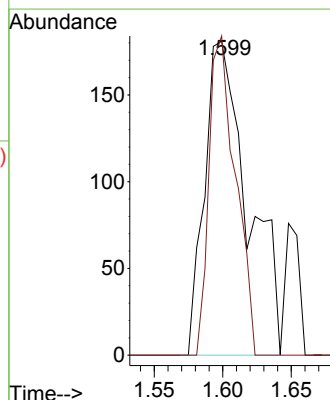
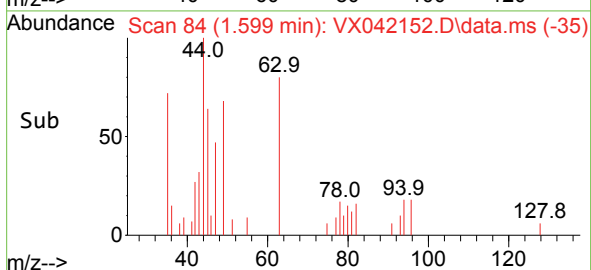
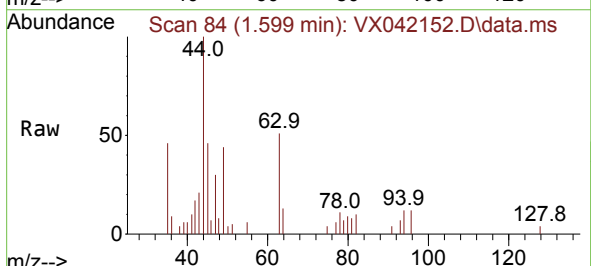


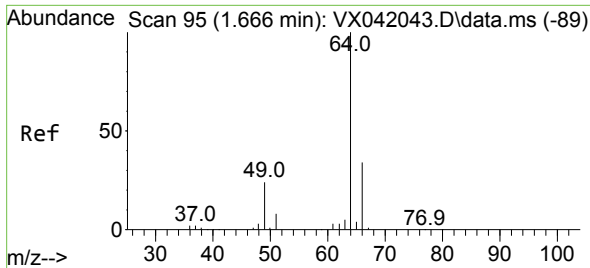
Tgt Ion:168 Resp: 134384
Ion Ratio Lower Upper
168 100
99 45.7 56.6 85.0#



#5
Bromomethane
Concen: 0.626 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

Tgt Ion: 94 Resp: 398
Ion Ratio Lower Upper
94 100
96 101.7 74.6 111.8

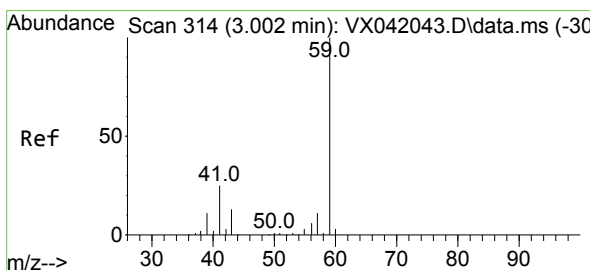
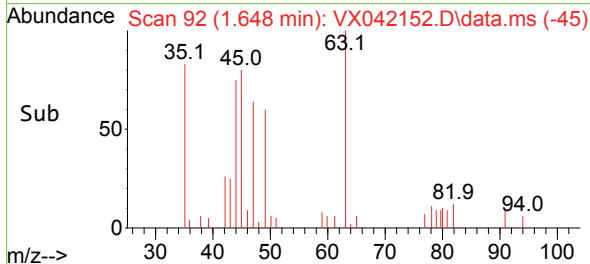
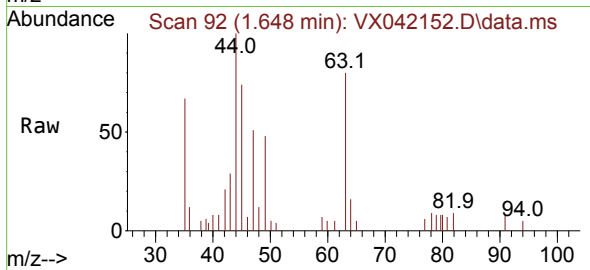




#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

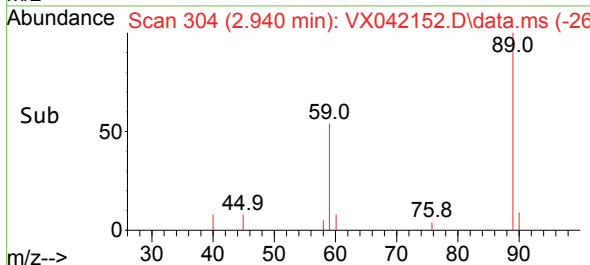
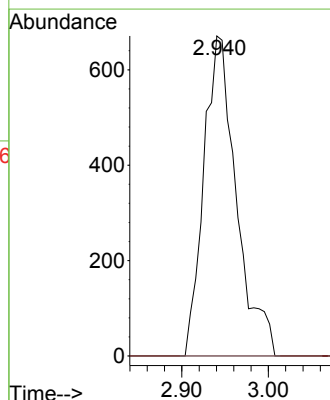
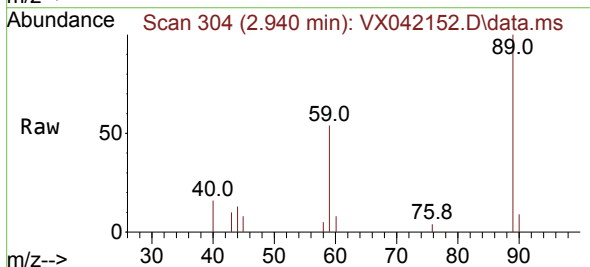
Instrument :
MSVOA_X
ClientSampleId :

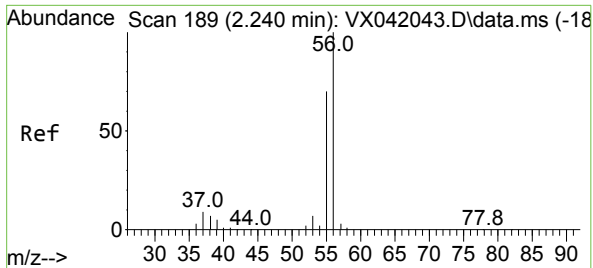
Tgt Ion: 64 Resp: 56
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 5.964 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

Tgt Ion: 59 Resp: 1754
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

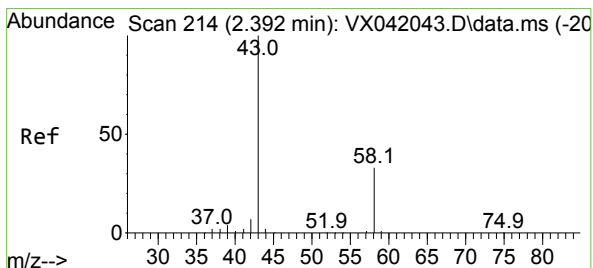
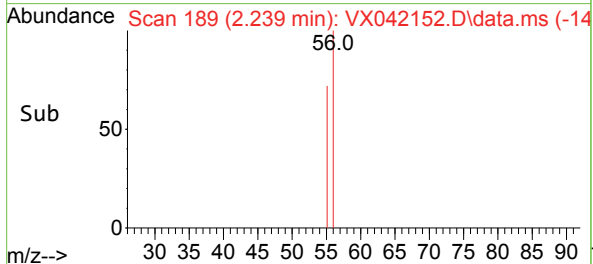
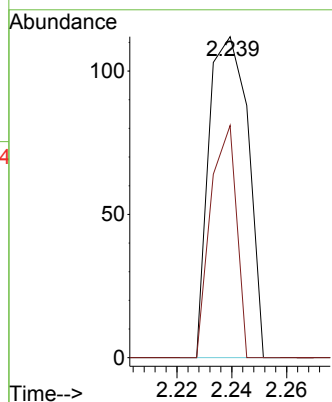
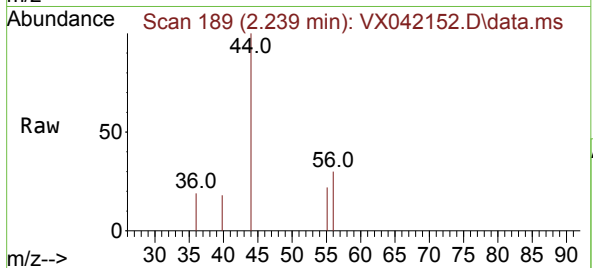




#13
Acrolein
Concen: 0.337 ug/l
RT: 2.239 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

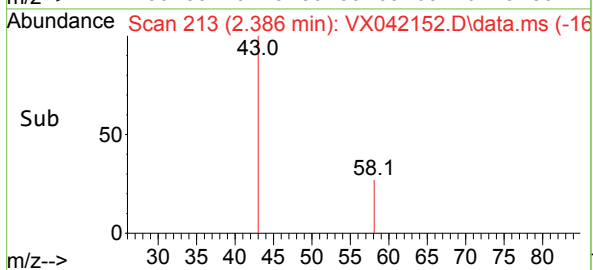
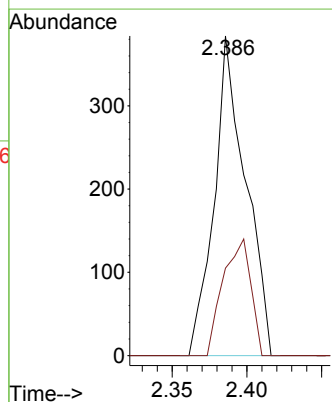
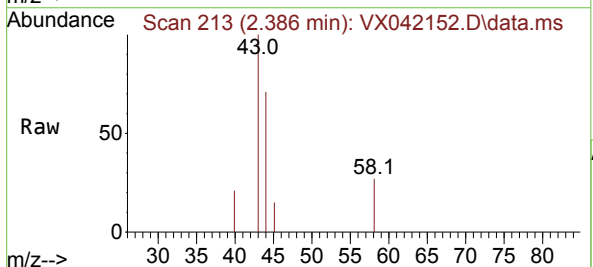
Instrument :
MSVOA_X
ClientSampleId :

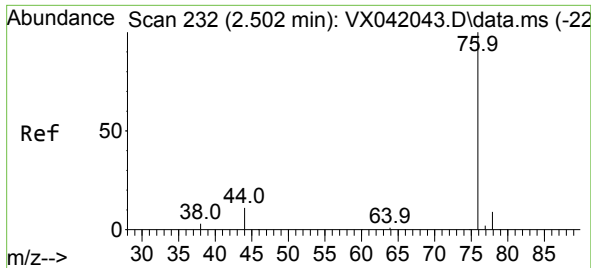
Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 47.7 57.1 85.7#



#16
Acetone
Concen: 0.823 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

Tgt Ion: 43 Resp: 560
Ion Ratio Lower Upper
43 100
58 27.3 21.9 32.9





#17

Carbon Disulfide

Concen: 0.266 ug/l

RT: 2.501 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX042152.D

Acq: 02 Jul 2024 20:03

Instrument :

MSVOA_X

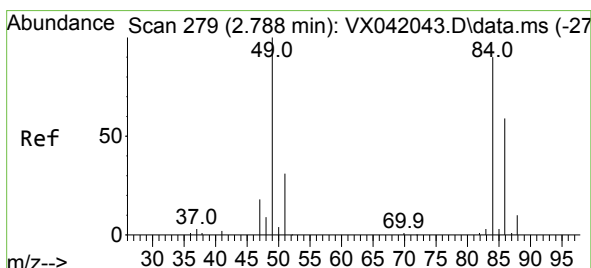
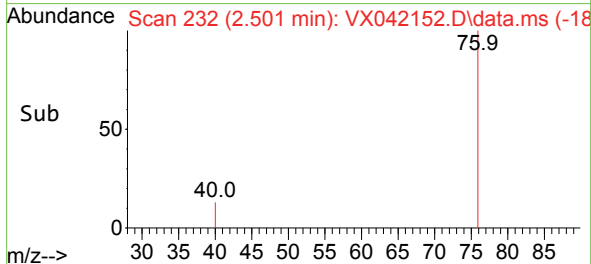
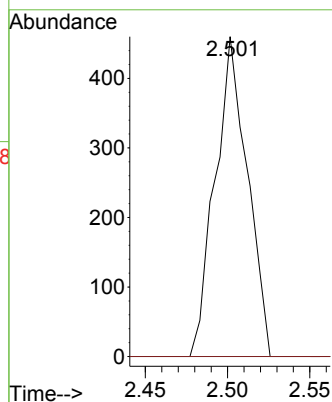
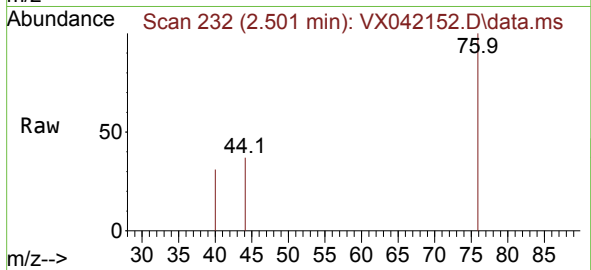
ClientSampleId :

Tgt Ion: 76 Resp: 628

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.346 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX042152.D

Acq: 02 Jul 2024 20:03

Tgt Ion: 84 Resp: 515

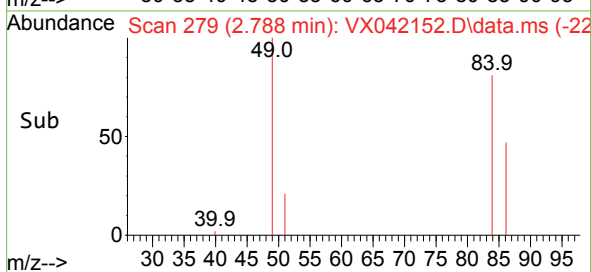
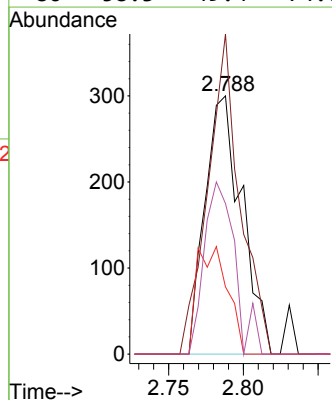
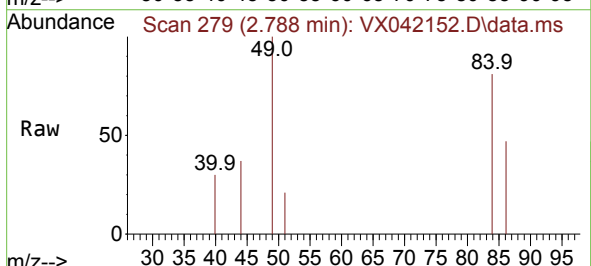
Ion Ratio Lower Upper

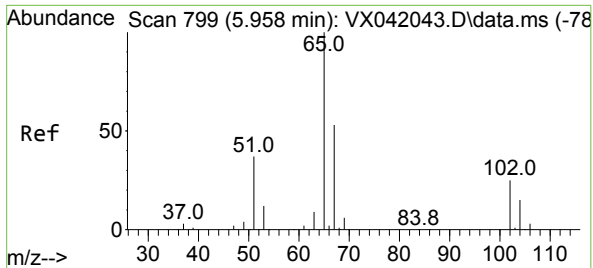
84 100

49 124.0 103.6 155.4

51 26.0 33.8 50.6#

86 58.3 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 42.576 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042152.D

Acq: 02 Jul 2024 20:03

Instrument :

MSVOA_X

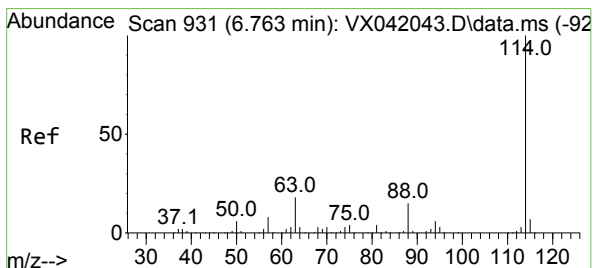
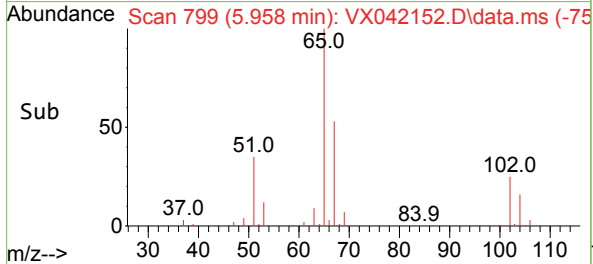
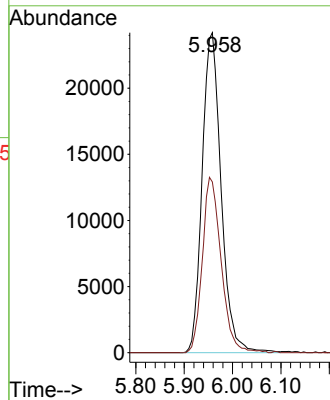
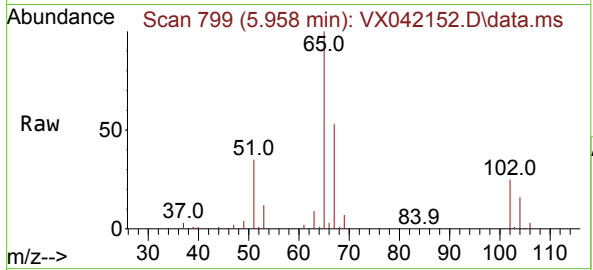
ClientSampleId :

Tgt Ion: 65 Resp: 65976

Ion Ratio Lower Upper

65 100

67 54.3 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: VX042152.D

Acq: 02 Jul 2024 20:03

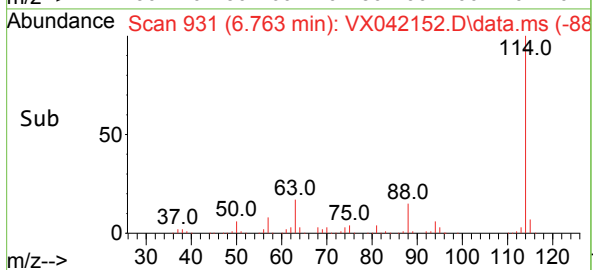
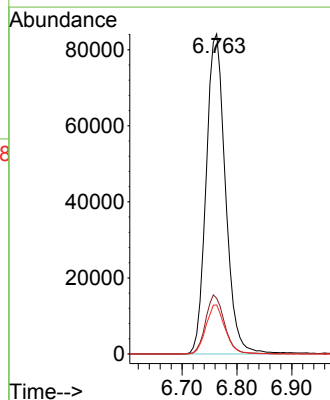
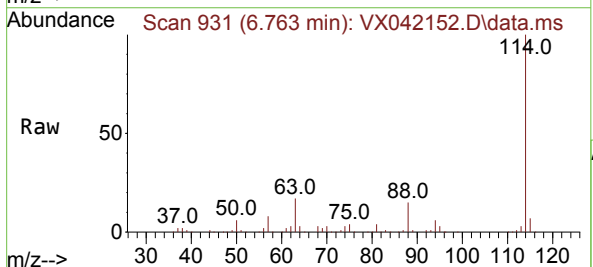
Tgt Ion: 114 Resp: 204644

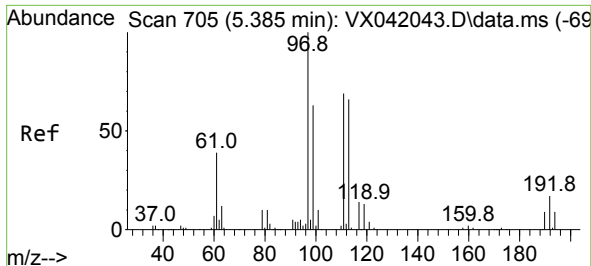
Ion Ratio Lower Upper

114 100

63 17.4 0.0 45.0

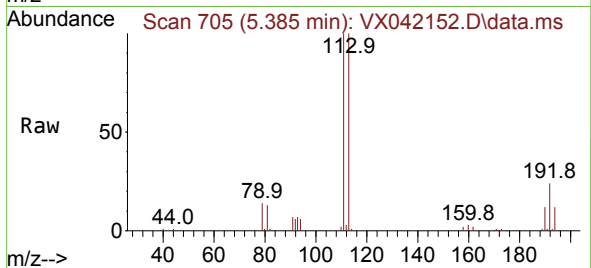
88 15.3 0.0 36.6



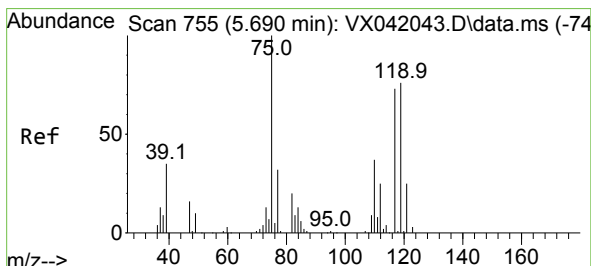
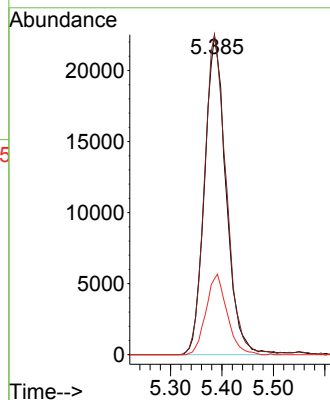
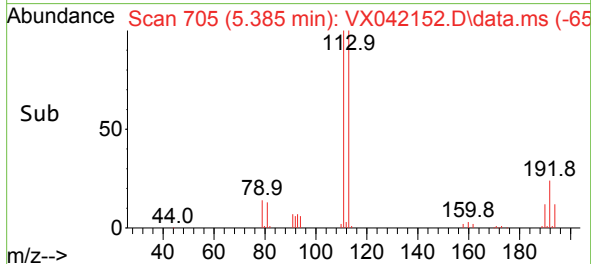


#35
Dibromofluoromethane
Concen: 44.834 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

Instrument :
MSVOA_X
ClientSampleId :

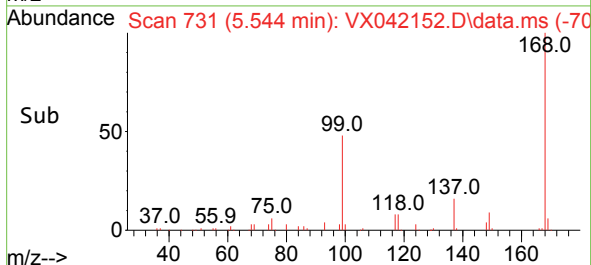
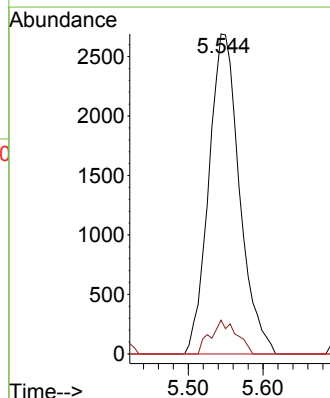
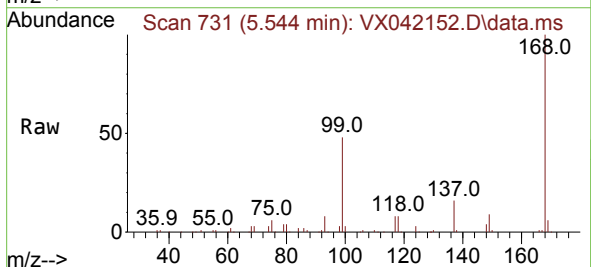


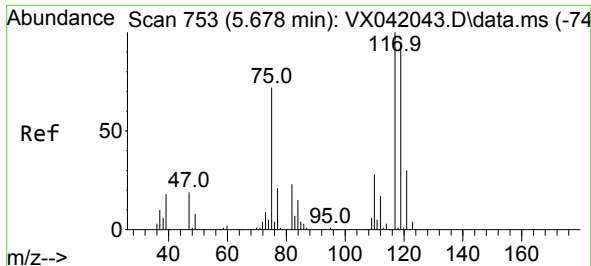
Tgt Ion:113 Resp: 65102
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 24.8 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.987 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

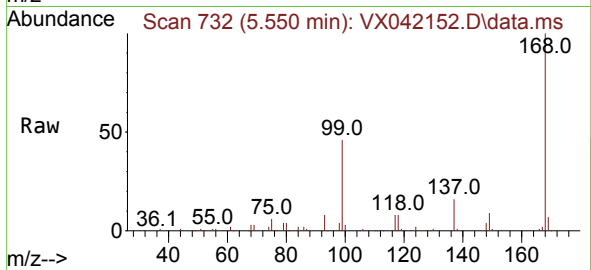
Tgt Ion: 75 Resp: 7690
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



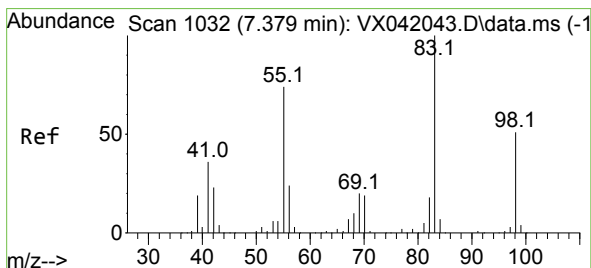
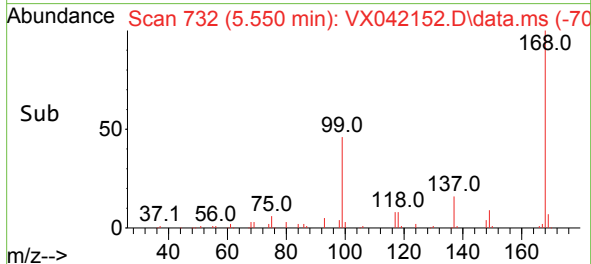
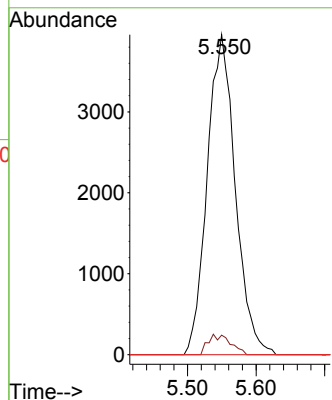


#38
Carbon Tetrachloride
Concen: 6.616 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

Instrument :
MSVOA_X
ClientSampleId :

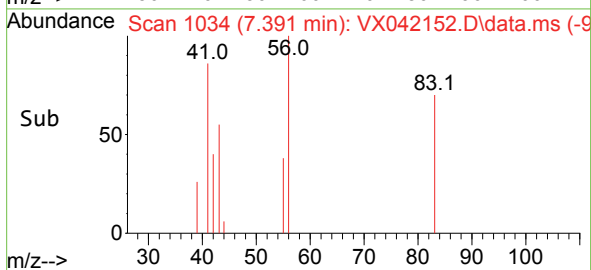
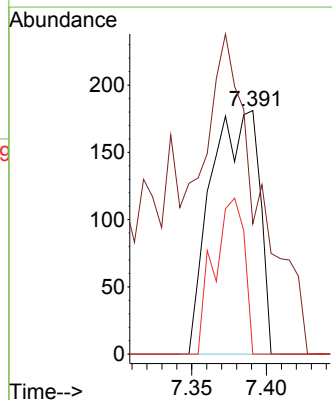
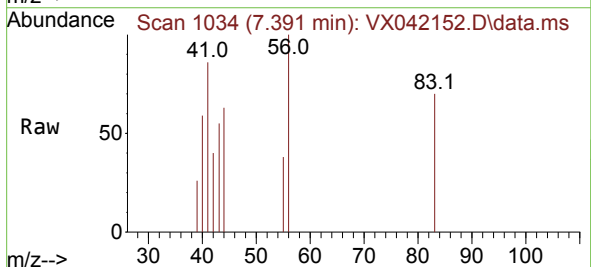


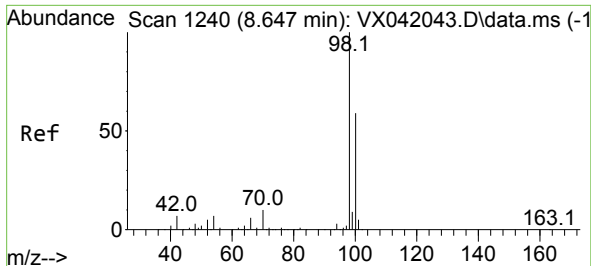
Tgt Ion:117 Resp: 11272
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.209 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.012 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

Tgt Ion: 83 Resp: 408
Ion Ratio Lower Upper
83 100
55 14.4 64.6 97.0#
98 0.0 36.7 55.1#

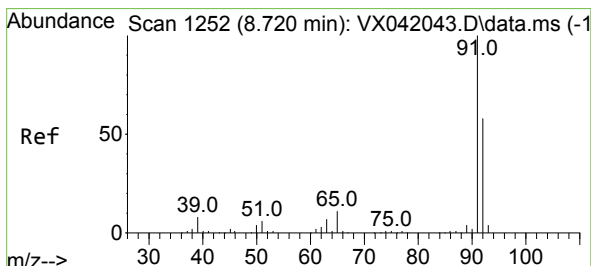
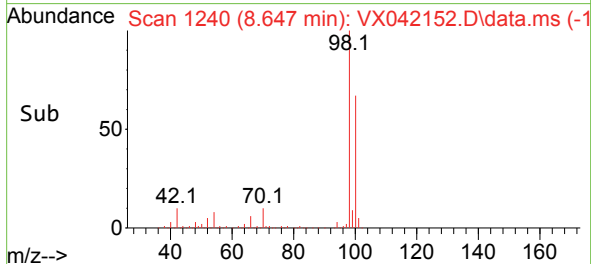
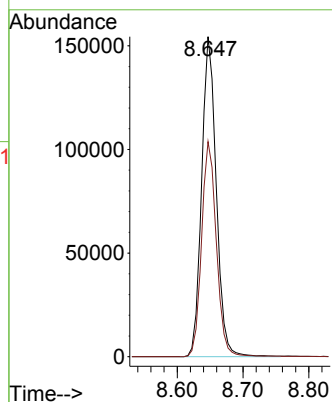
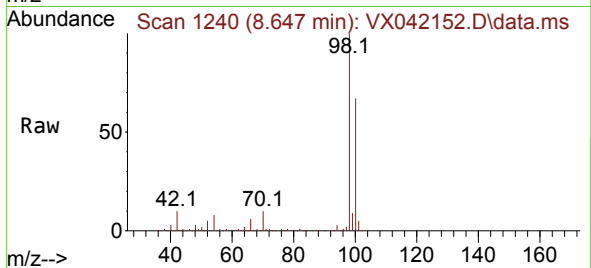




#50
Toluene-d8
Concen: 46.791 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

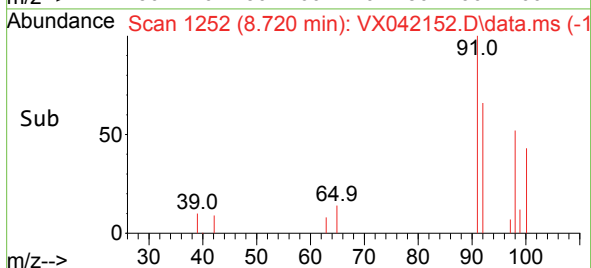
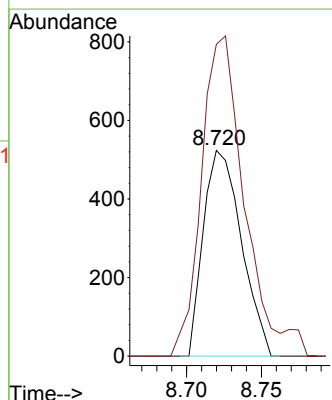
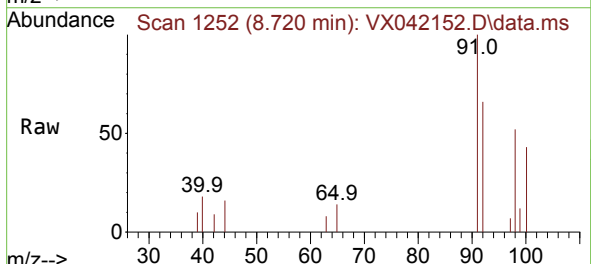
Instrument :
MSVOA_X
ClientSampleId :

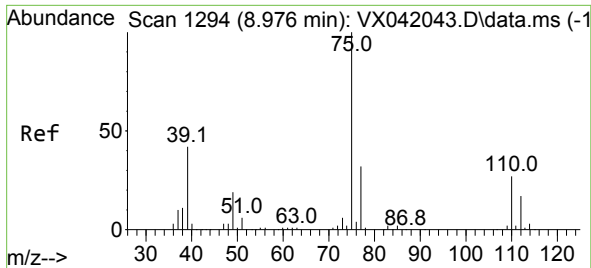
Tgt Ion: 98 Resp: 238691
Ion Ratio Lower Upper
98 100
100 67.9 53.1 79.7



#52
Toluene
Concen: 0.279 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

Tgt Ion: 92 Resp: 924
Ion Ratio Lower Upper
92 100
91 176.7 134.2 201.2

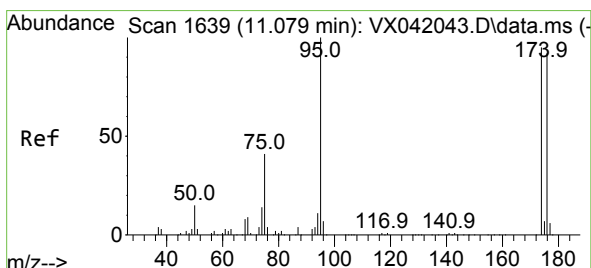
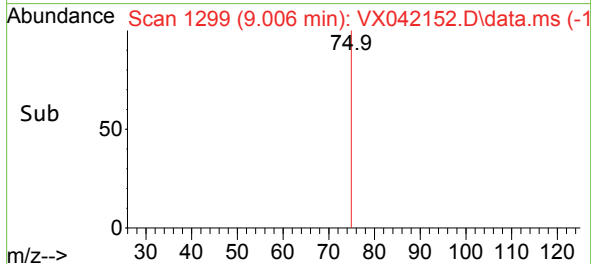
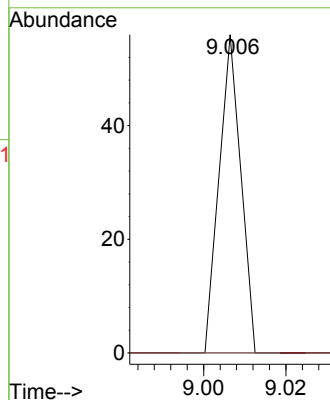
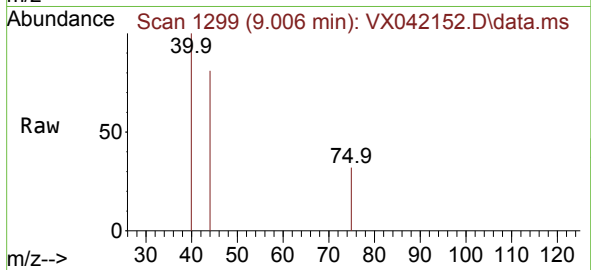




#53
 t-1,3-Dichloropropene
 Concen: 0.902 ug/l
 RT: 9.006 min Scan# 11
 Delta R.T. 0.024 min
 Lab File: VX042152.D
 Acq: 02 Jul 2024 20:03

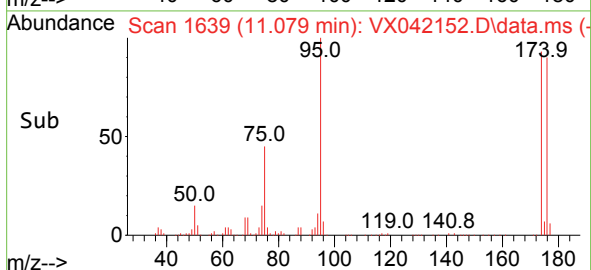
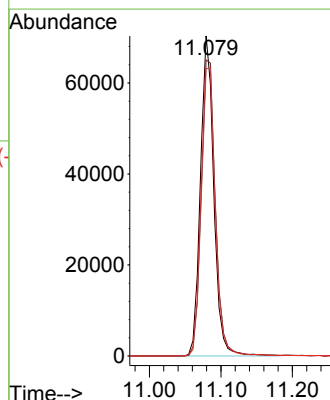
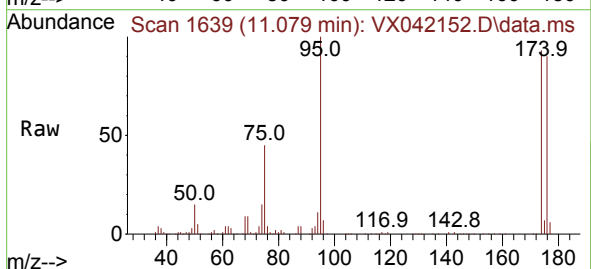
Instrument :
 MSVOA_X
 ClientSampleId :

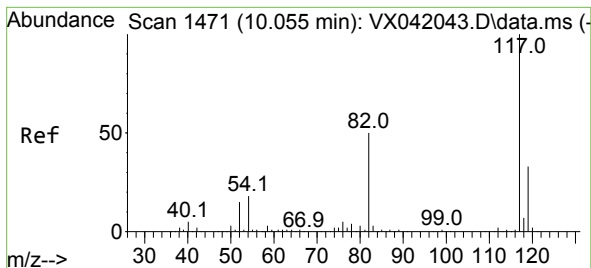
Tgt Ion: 75 Resp: 20
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#62
 4-Bromofluorobenzene
 Concen: 48.468 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX042152.D
 Acq: 02 Jul 2024 20:03

Tgt Ion: 95 Resp: 91139
 Ion Ratio Lower Upper
 95 100
 174 98.9 0.0 135.6
 176 95.5 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: VX042152.D

Acq: 02 Jul 2024 20:03

Instrument :

MSVOA_X

ClientSampleId :

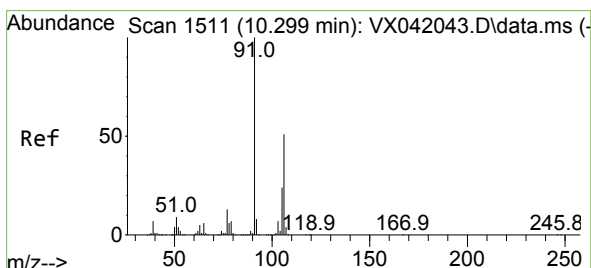
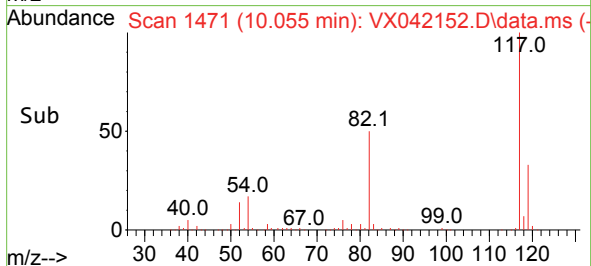
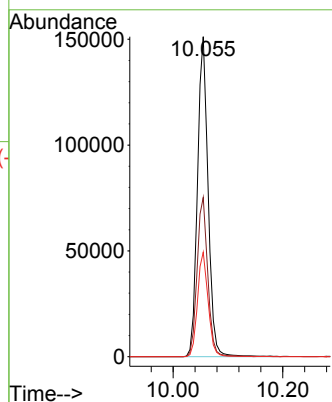
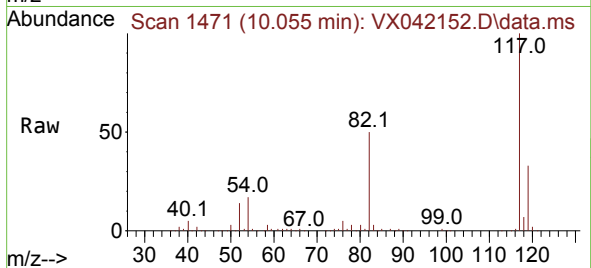
Tgt Ion:117 Resp: 204083

Ion Ratio Lower Upper

117 100

82 49.8 46.2 69.4

119 32.6 25.5 38.3



#68

m/p-Xylenes

Concen: 0.534 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX042152.D

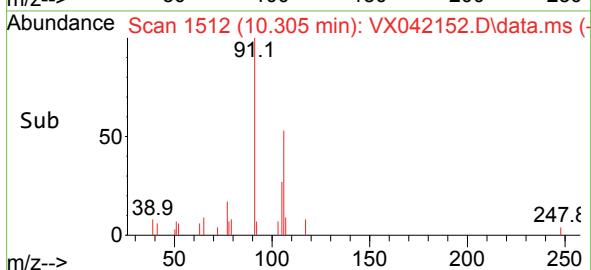
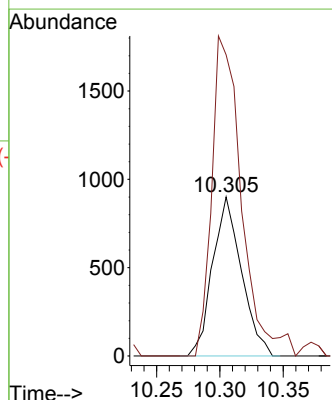
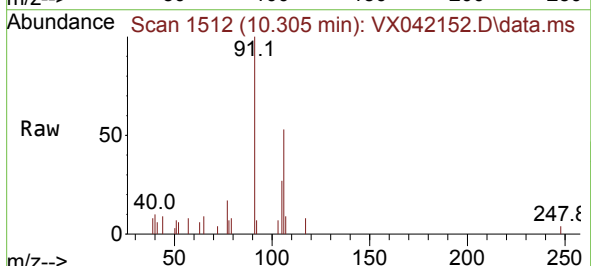
Acq: 02 Jul 2024 20:03

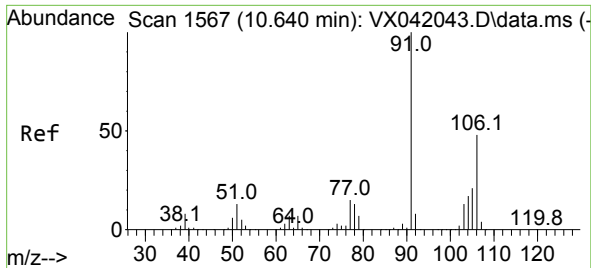
Tgt Ion:106 Resp: 1434

Ion Ratio Lower Upper

106 100

91 206.3 165.5 248.3

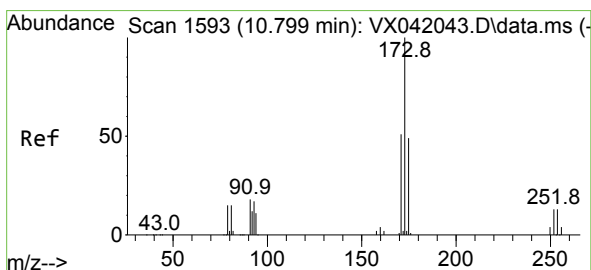
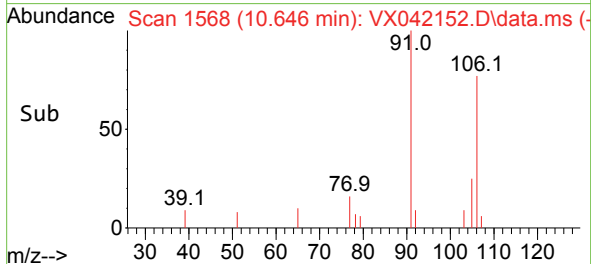
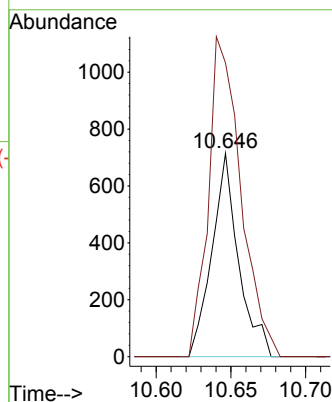
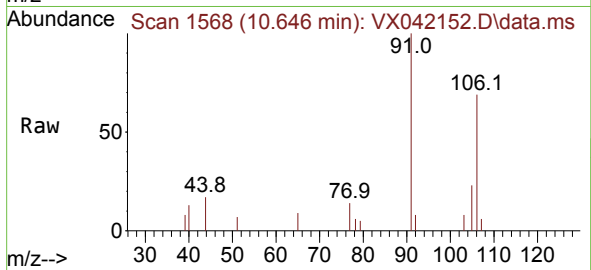




#69
o-Xylene
Concen: 0.333 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

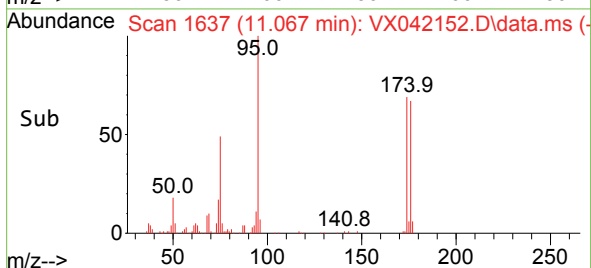
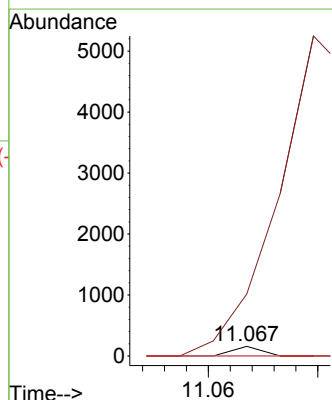
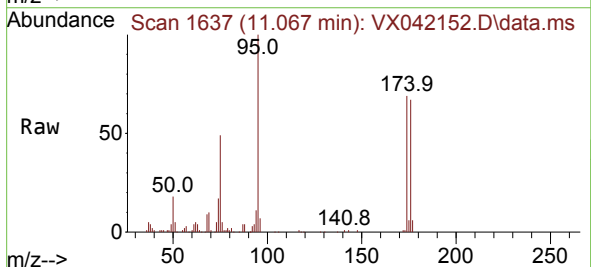
Instrument :
MSVOA_X
ClientSampleId :

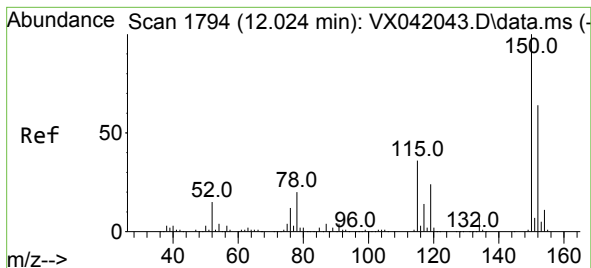
Tgt Ion:106 Resp: 884
Ion Ratio Lower Upper
106 100
91 191.7 108.9 326.8



#71
Bromoform
Concen: 0.917 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.268 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

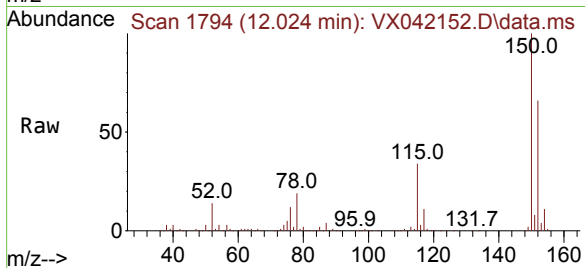
Tgt Ion:173 Resp: 58
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0



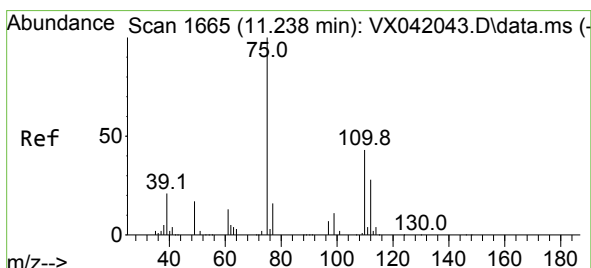
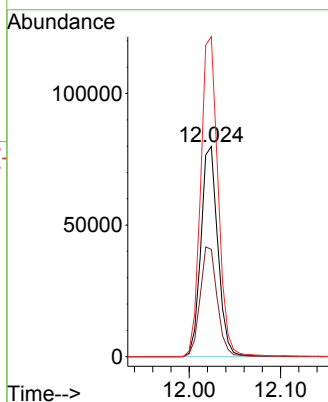
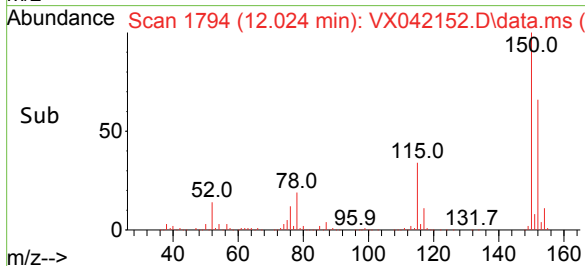


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

Instrument :
MSVOA_X
ClientSampleId :

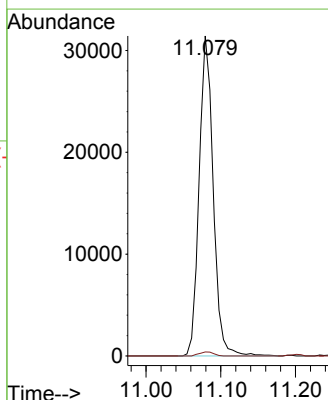
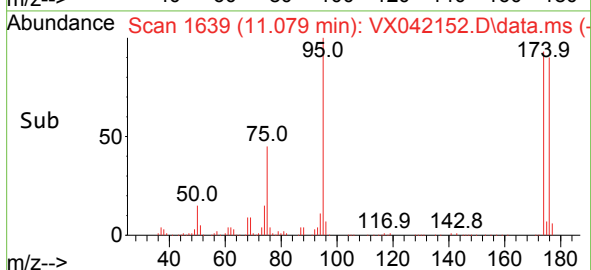
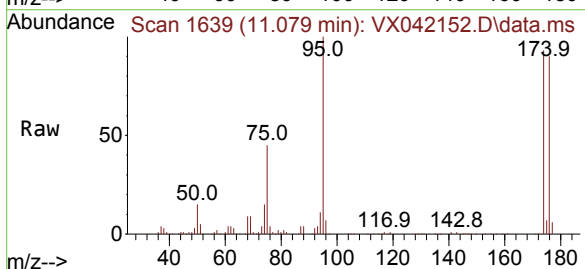


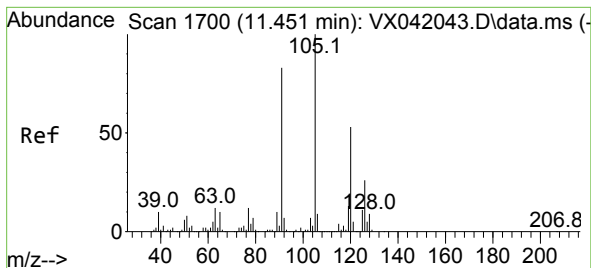
Tgt Ion:152 Resp: 102994
Ion Ratio Lower Upper
152 100
115 52.8 43.3 129.9
150 156.6 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.000 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

Tgt Ion: 75 Resp: 41134
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#80

1,3,5-Trimethylbenzene

Concen: 0.274 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

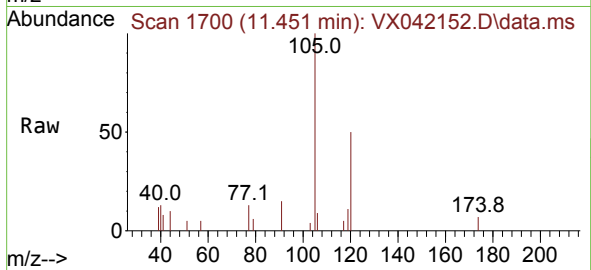
Lab File: VX042152.D

Acq: 02 Jul 2024 20:03

Instrument :

MSVOA_X

ClientSampleId :

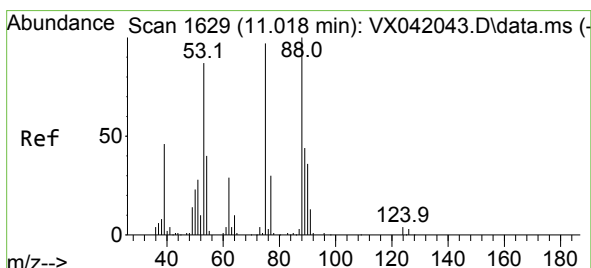
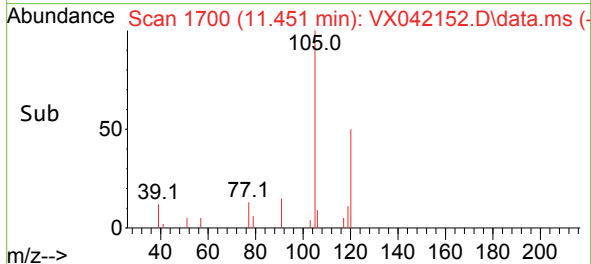
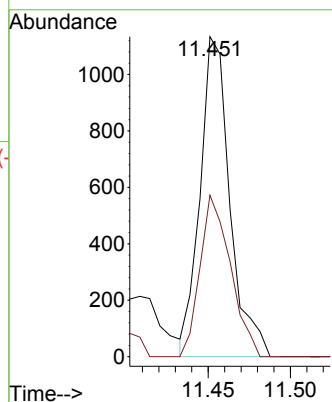


Tgt Ion:105 Resp: 1429

Ion Ratio Lower Upper

105 100

120 51.6 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 62.477 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042152.D

Acq: 02 Jul 2024 20:03

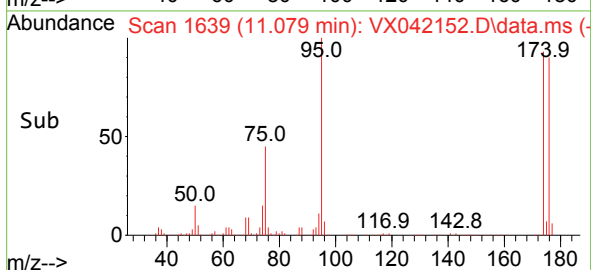
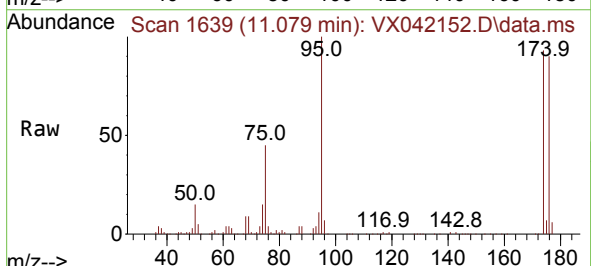
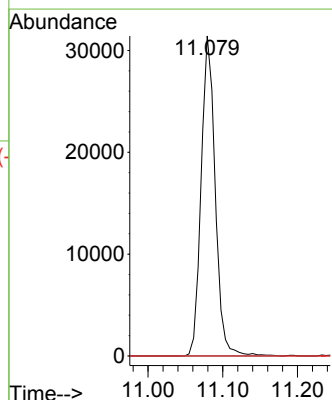
Tgt Ion: 75 Resp: 41134

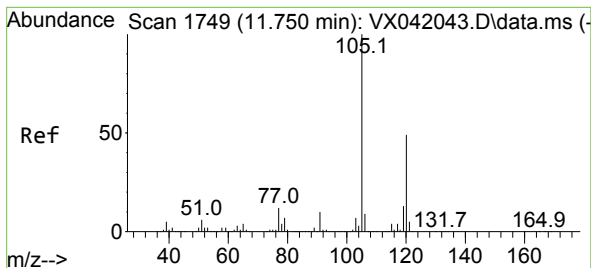
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.427 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

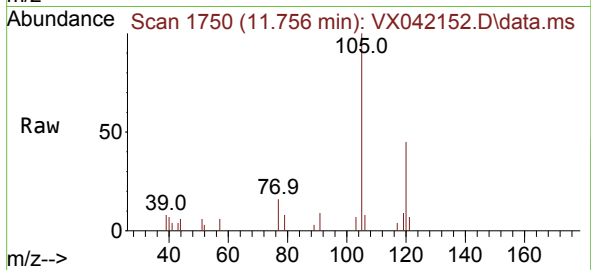
Lab File: VX042152.D

Acq: 02 Jul 2024 20:03

Instrument :

MSVOA_X

ClientSampleId :

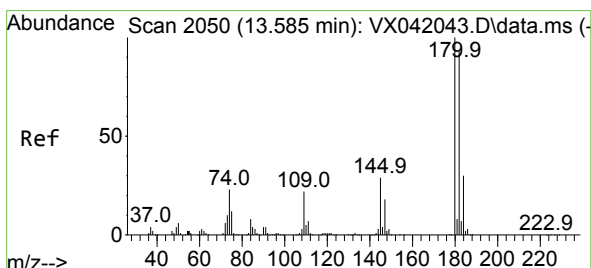
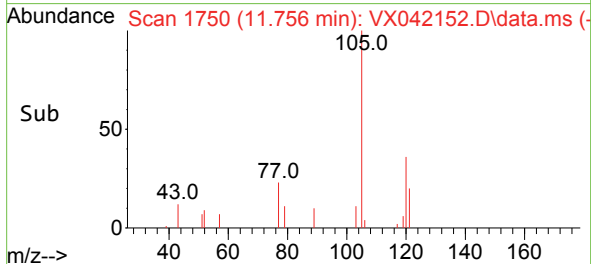
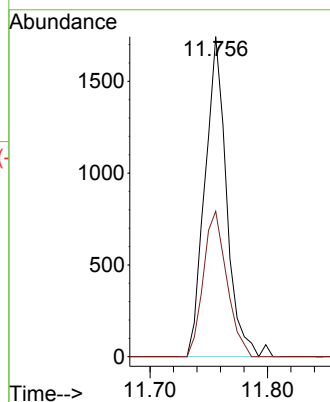


Tgt Ion:105 Resp: 2233

Ion Ratio Lower Upper

105 100

120 49.2 21.2 63.6



#93

1,2,4-Trichlorobenzene

Concen: 0.205 ug/l

RT: 13.597 min Scan# 2052

Delta R.T. 0.012 min

Lab File: VX042152.D

Acq: 02 Jul 2024 20:03

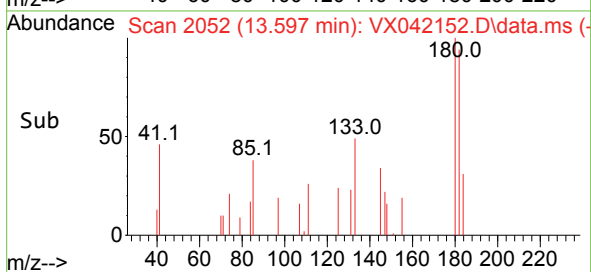
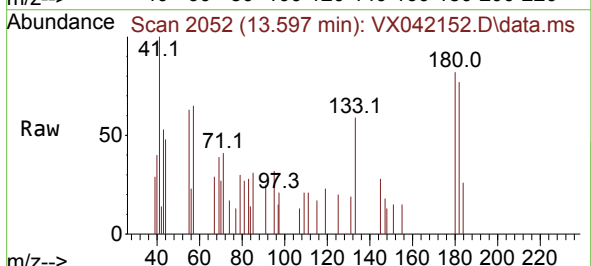
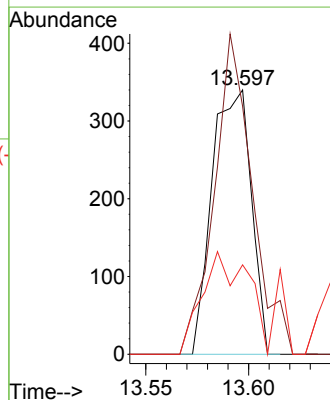
Tgt Ion:180 Resp: 451

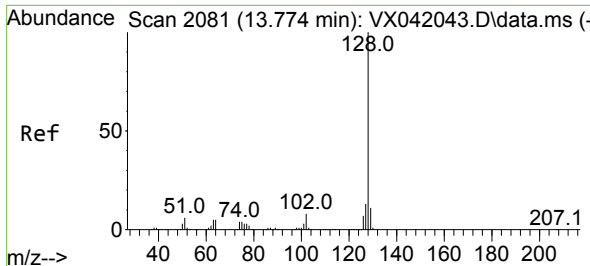
Ion Ratio Lower Upper

180 100

182 117.1 48.3 144.8

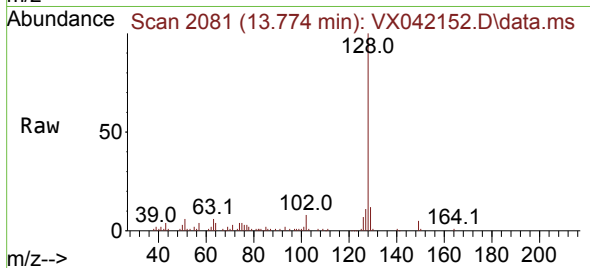
145 45.5 18.0 54.0



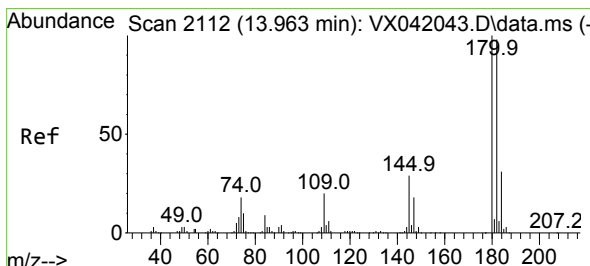
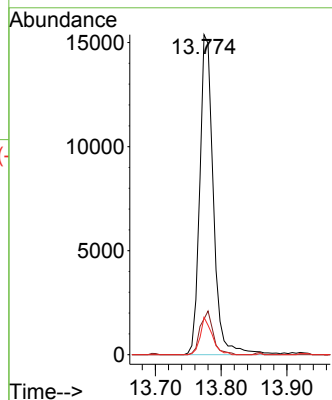
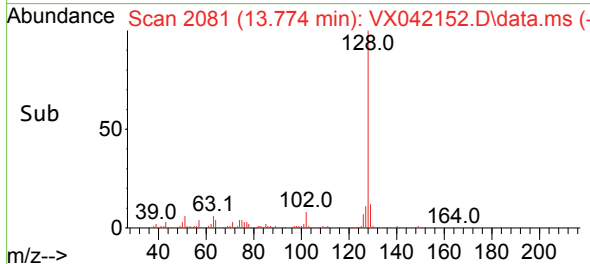


#95
Naphthalene
Concen: 3.699 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03

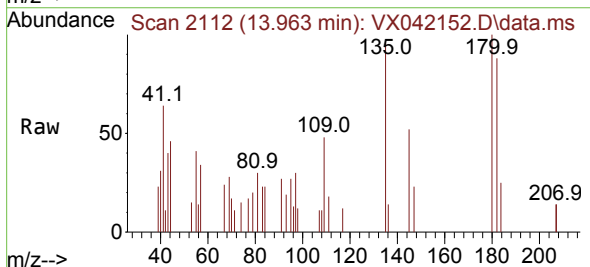
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 22126
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.302 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042152.D
Acq: 02 Jul 2024 20:03



Tgt Ion:180 Resp: 701
Ion Ratio Lower Upper
180 100
182 99.0 46.9 140.6
145 48.5 17.8 53.5

