

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060624\
 Data File : VX041774.D
 Acq On : 06 Jun 2024 13:57
 Operator : JC/MD
 Sample : P2749-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 01:01:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

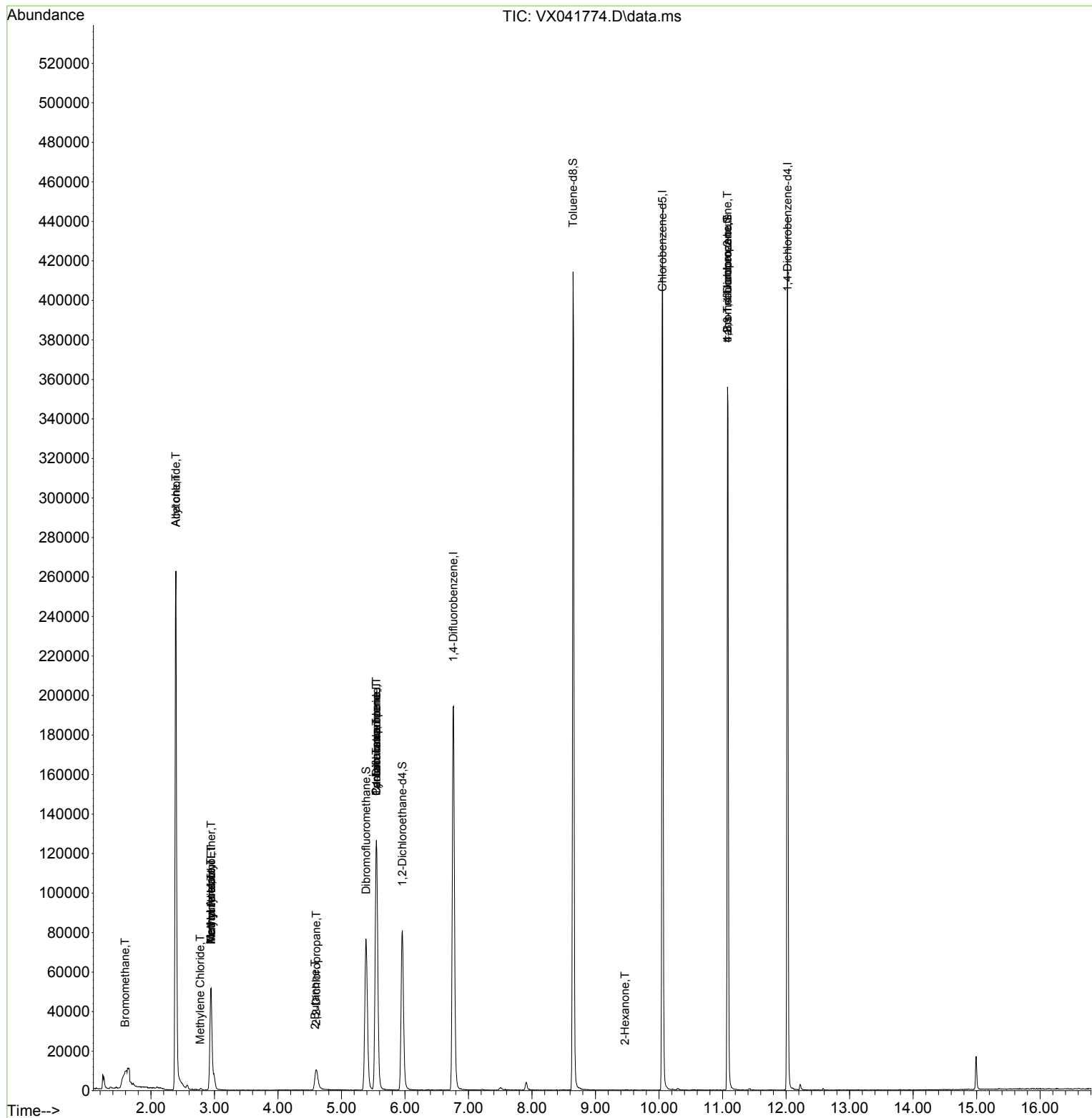
Internal Standards						
1) Pentafluorobenzene	5.550	168	133286	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	209891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81429	49.813	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.620%
35) Dibromofluoromethane	5.385	113	66407	45.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.520%
50) Toluene-d8	8.647	98	247153	48.743	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.480%
62) 4-Bromofluorobenzene	11.079	95	92714	49.541	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.080%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	341	0.372	ug/l	# 75
11) Tert butyl alcohol	2.947	59	31274	108.147	ug/l	# 81
14) Allyl chloride	2.392	41	6392	3.270	ug/l	# 1
15) Acrylonitrile	2.947	53	610	0.860	ug/l	# 17
16) Acetone	2.392	43	302907	441.059	ug/l	97
18) Methyl Acetate	2.941	43	5236	3.355	ug/l	# 64
19) Methyl tert-butyl Ether	2.947	73	1470	0.370	ug/l	95
20) Methylene Chloride	2.776	84	402	0.275	ug/l	# 65
25) 2-Butanone	4.587	43	5778	5.687	ug/l	90
26) 2,2-Dichloropropane	4.605	77	756	0.408	ug/l	# 54
31) Cyclohexane	5.550	56	2266	1.174	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8742	4.975	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	12164	6.093	ug/l	# 15
59) 2-Hexanone	9.464	43	337	0.204	ug/l	# 26
76) 1,2,3-Trichloropropane	11.079	75	46904	26.992	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	46904	73.567	ug/l	# 5

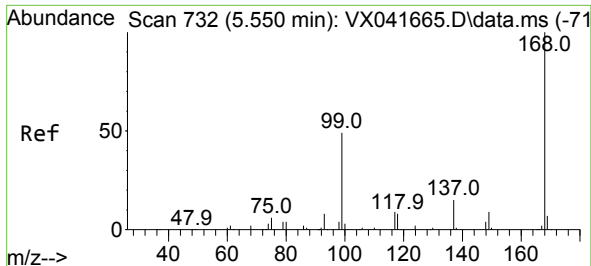
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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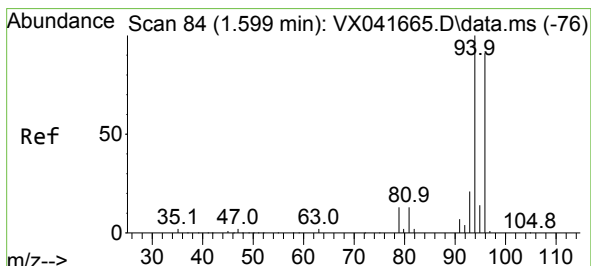
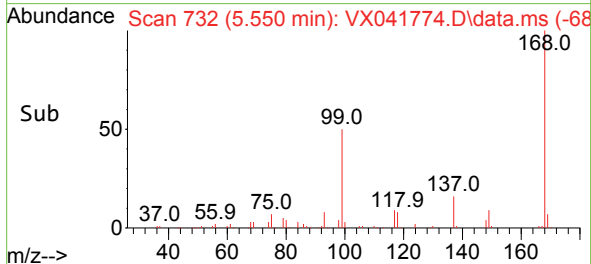
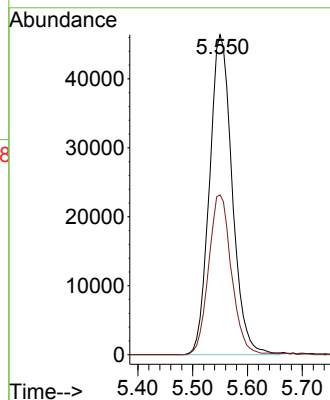
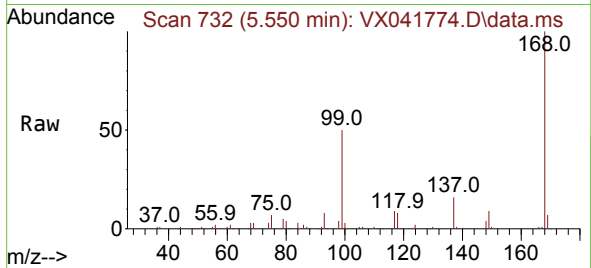




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

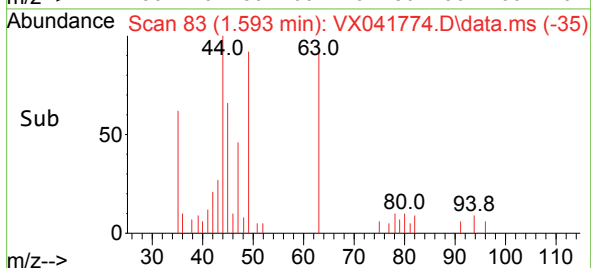
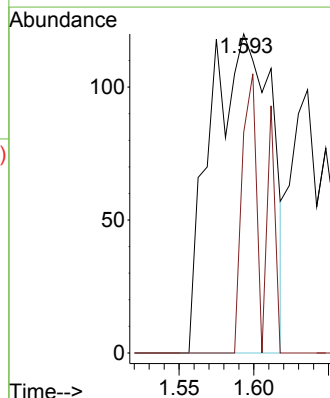
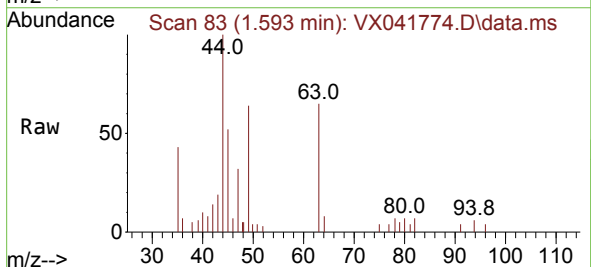
Instrument :
MSVOA_X
ClientSampleId :

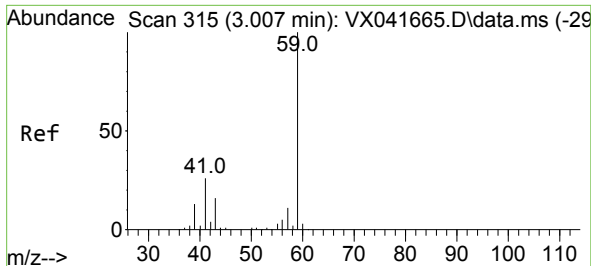
Tgt Ion:168 Resp: 133286
Ion Ratio Lower Upper
168 100
99 50.0 56.6 85.0#



#5
Bromomethane
Concen: 0.372 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 69.2 74.6 111.8#





#11

Tert butyl alcohol

Concen: 108.147 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.061 min

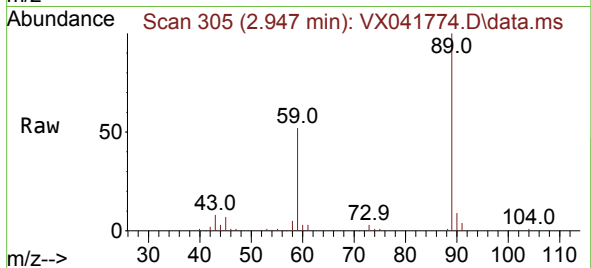
Lab File: VX041774.D

Acq: 06 Jun 2024 13:57

Instrument :

MSVOA_X

ClientSampleId :

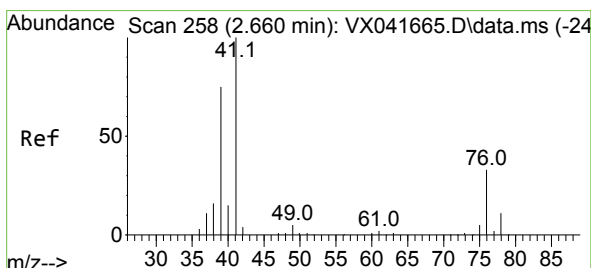
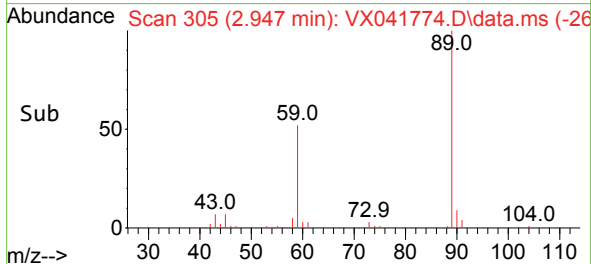
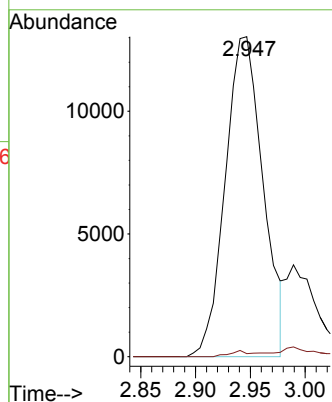


Tgt Ion: 59 Resp: 31274

Ion Ratio Lower Upper

59 100

57 1.0 6.0 9.0#



#14

Allyl chloride

Concen: 3.270 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.268 min

Lab File: VX041774.D

Acq: 06 Jun 2024 13:57

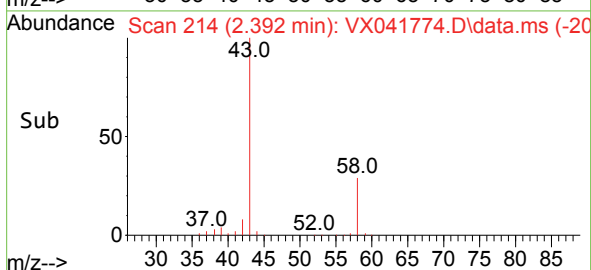
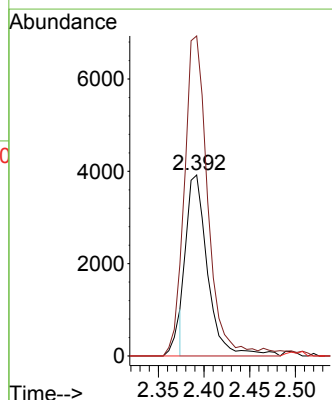
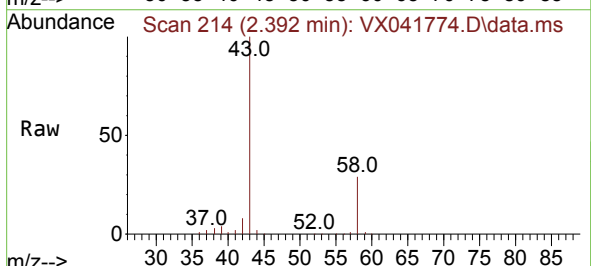
Tgt Ion: 41 Resp: 6392

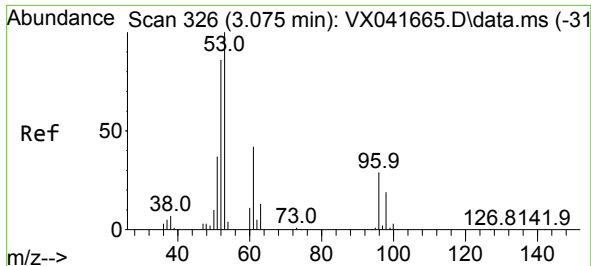
Ion Ratio Lower Upper

41 100

39 168.1 55.8 83.6#

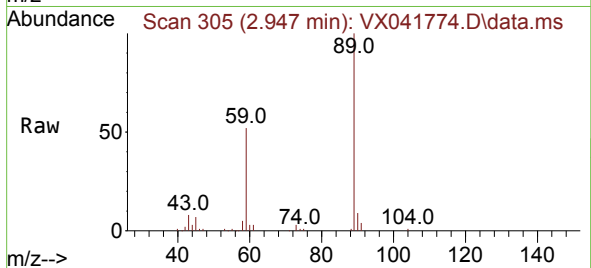
76 0.0 24.3 36.5#



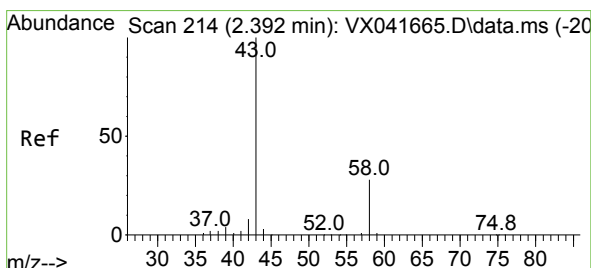
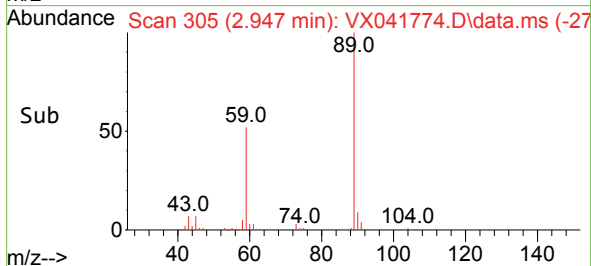
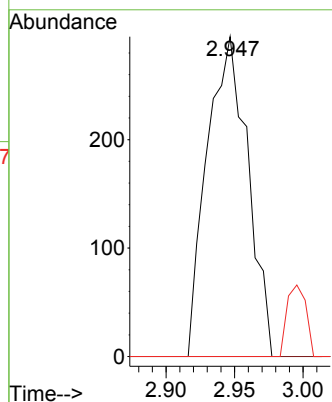


#15
Acrylonitrile
Concen: 0.860 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.128 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

Instrument :
MSVOA_X
ClientSampleId :

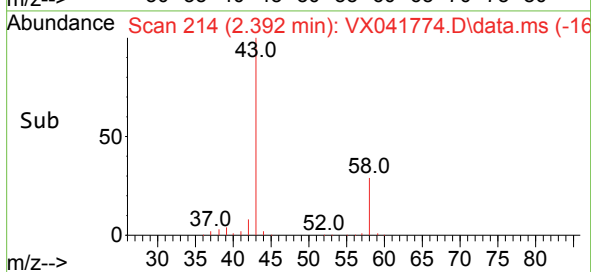
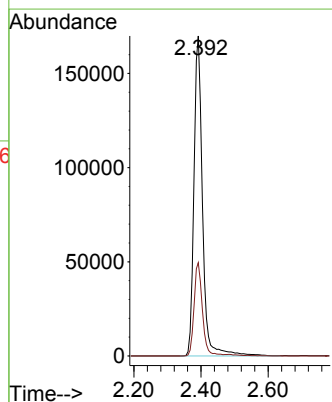
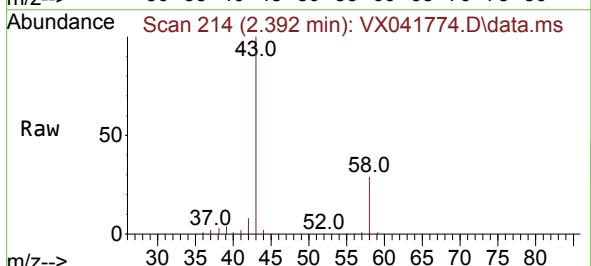


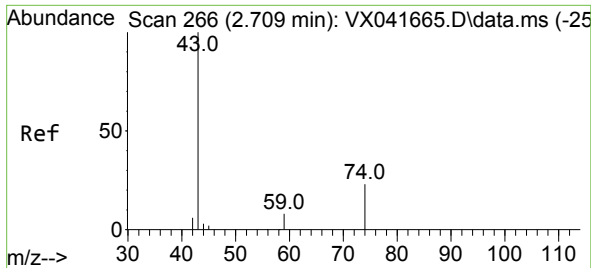
Tgt Ion: 53 Resp: 610
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 441.059 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

Tgt Ion: 43 Resp: 302907
Ion Ratio Lower Upper
43 100
58 29.1 21.9 32.9

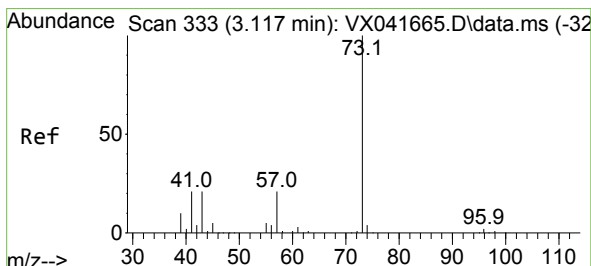
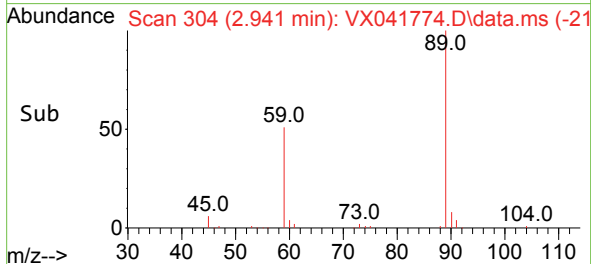
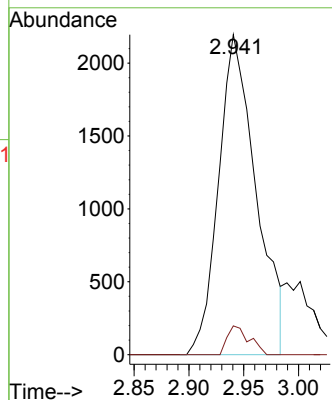
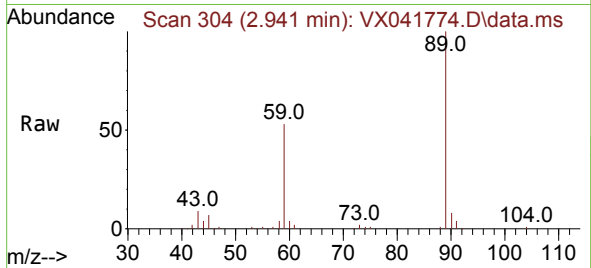




#18
Methyl Acetate
Concen: 3.355 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.232 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

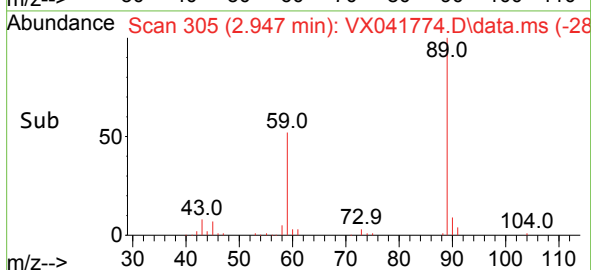
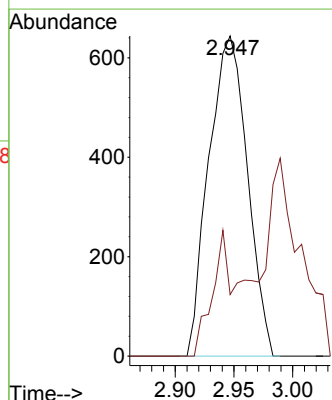
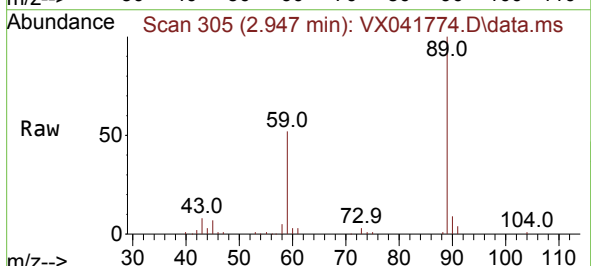
Instrument :
MSVOA_X
ClientSampleId :

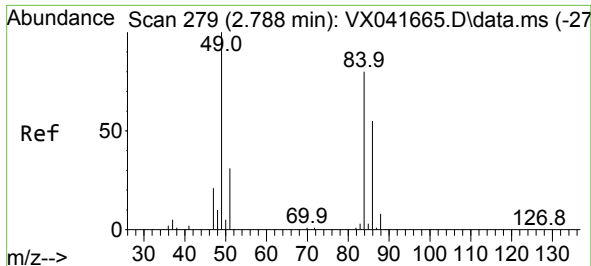
Tgt Ion: 43 Resp: 5236
Ion Ratio Lower Upper
43 100
74 5.2 17.8 26.8#



#19
Methyl tert-butyl Ether
Concen: 0.370 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.171 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

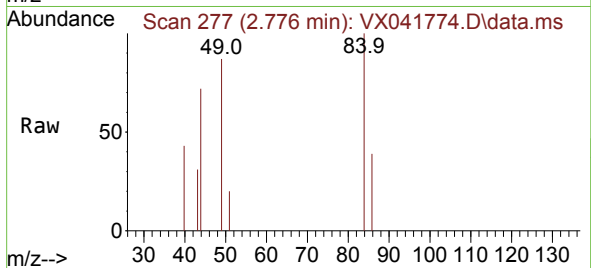
Tgt Ion: 73 Resp: 1470
Ion Ratio Lower Upper
73 100
57 19.3 17.3 25.9



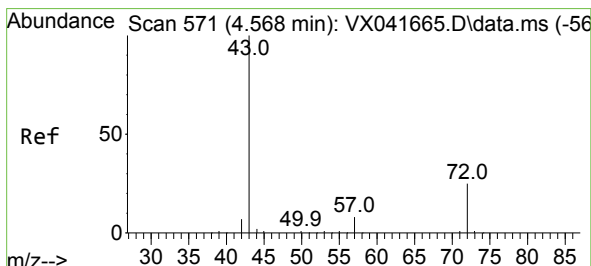
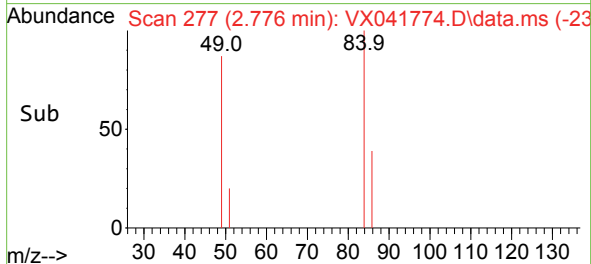
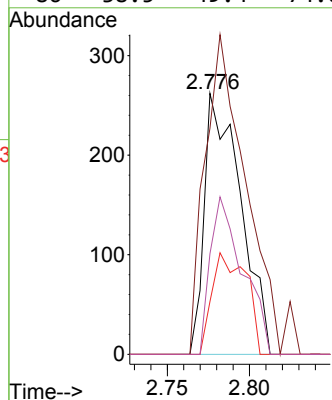


#20
Methylene Chloride
Concen: 0.275 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

Instrument :
MSVOA_X
ClientSampleId :

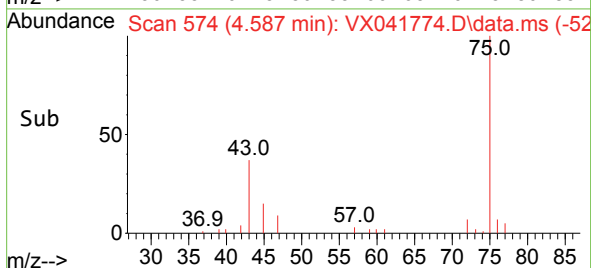
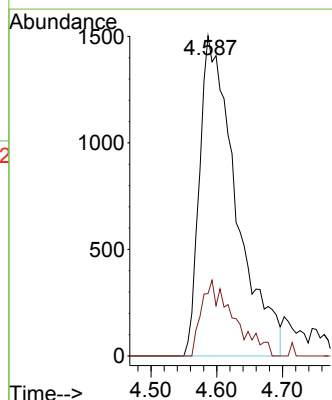
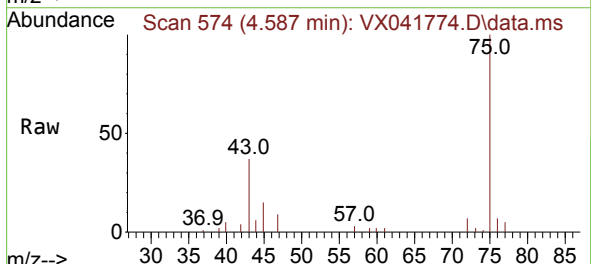


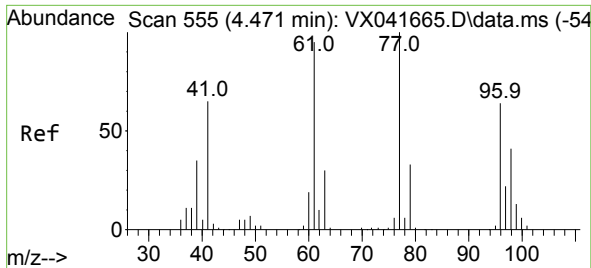
Tgt Ion:	84	Resp:	402
Ion	Ratio	Lower	Upper
84	100		
49	86.6	103.6	155.4#
51	20.2	33.8	50.6#
86	38.5	49.4	74.0#



#25
2-Butanone
Concen: 5.687 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

Tgt Ion:	43	Resp:	5778
Ion	Ratio	Lower	Upper
43	100		
72	19.5	19.4	29.2

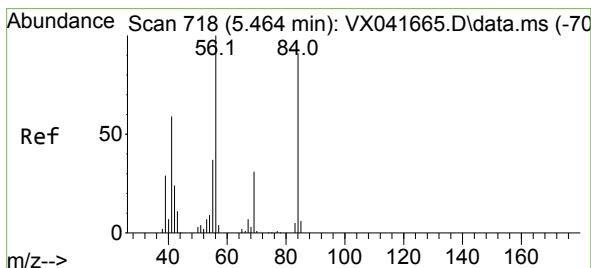
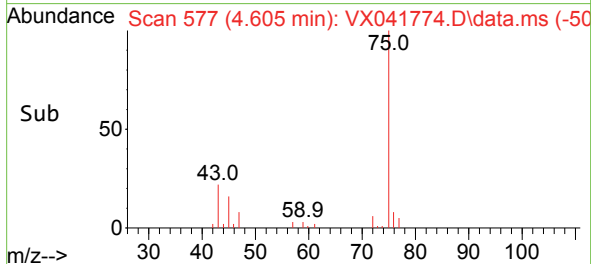
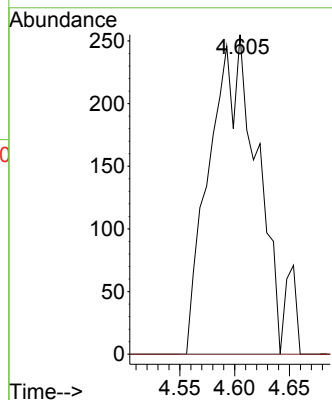
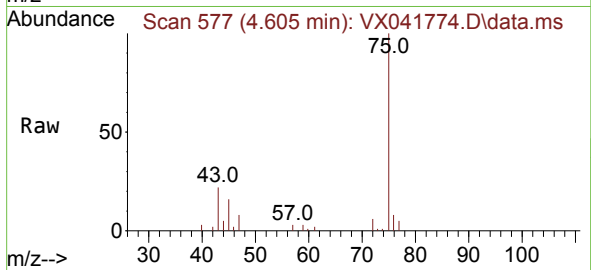




#26
2,2-Dichloropropane
Concen: 0.408 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.134 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

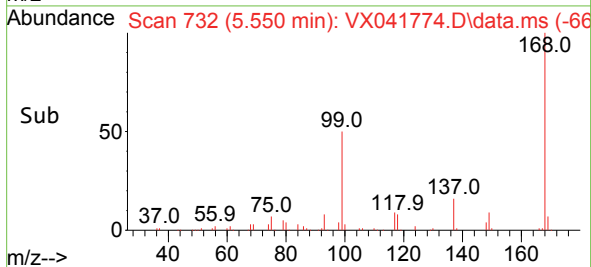
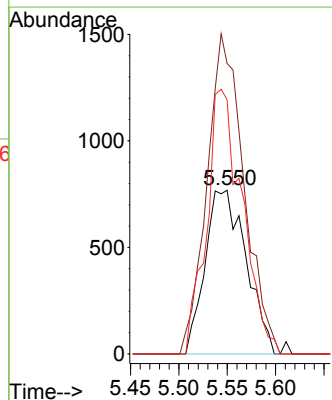
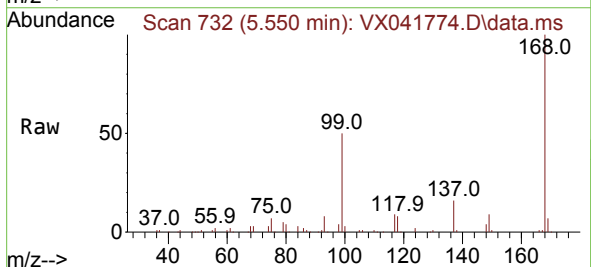
Instrument :
MSVOA_X
ClientSampleId :

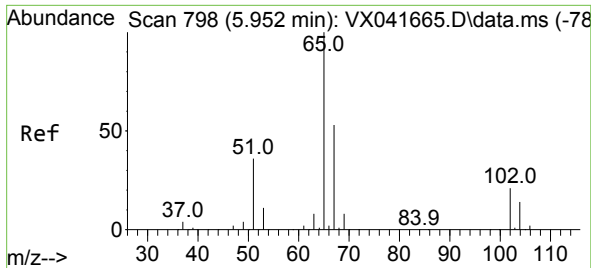
Tgt Ion: 77 Resp: 756
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.174 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

Tgt Ion: 56 Resp: 2266
Ion Ratio Lower Upper
56 100
69 177.6 23.4 35.2#
84 155.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.813 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041774.D

Acq: 06 Jun 2024 13:57

Instrument :

MSVOA_X

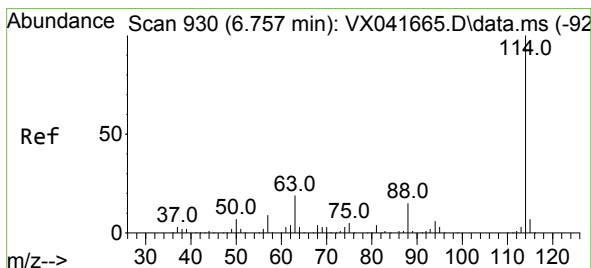
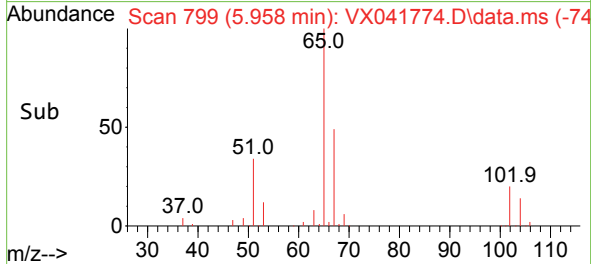
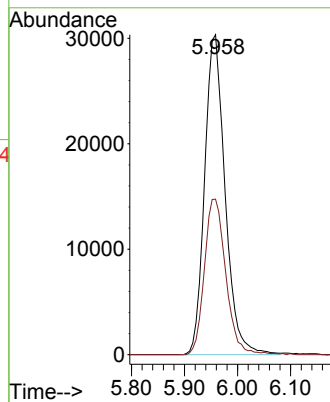
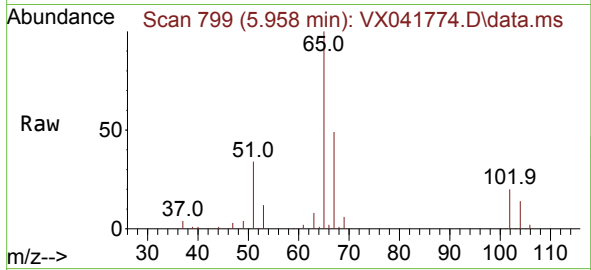
ClientSampleId :

Tgt Ion: 65 Resp: 81429

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041774.D

Acq: 06 Jun 2024 13:57

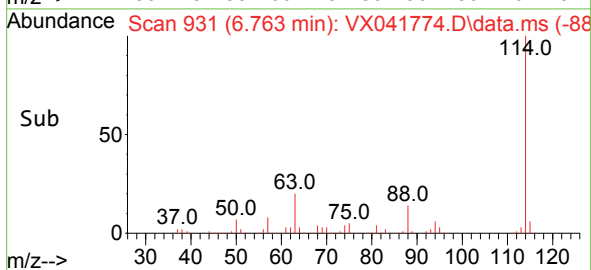
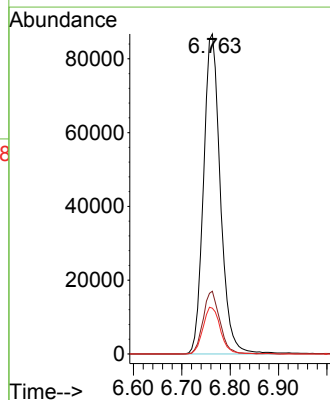
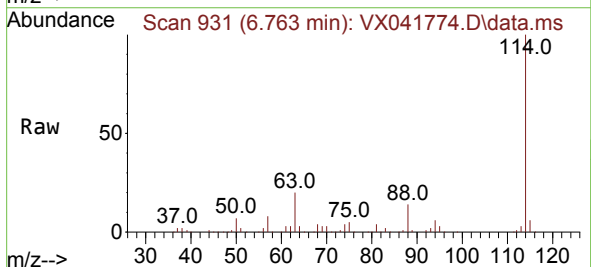
Tgt Ion: 114 Resp: 209891

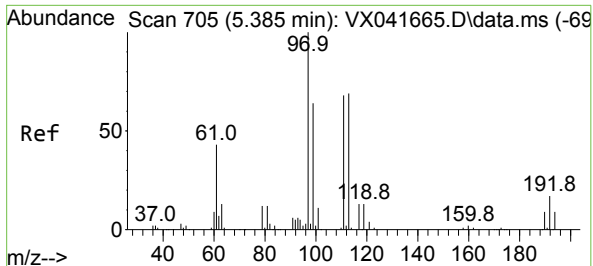
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 14.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.761 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

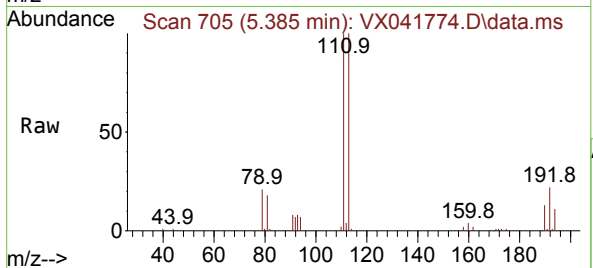
Lab File: VX041774.D

Acq: 06 Jun 2024 13:57

Instrument :

MSVOA_X

ClientSampleId :



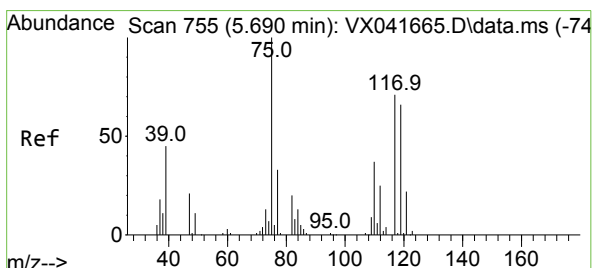
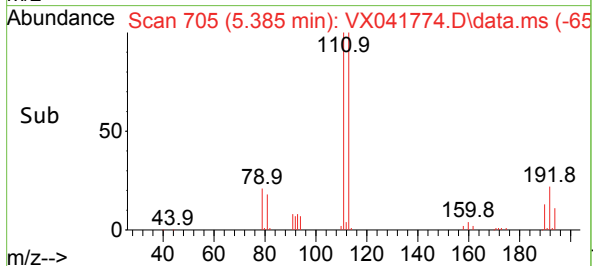
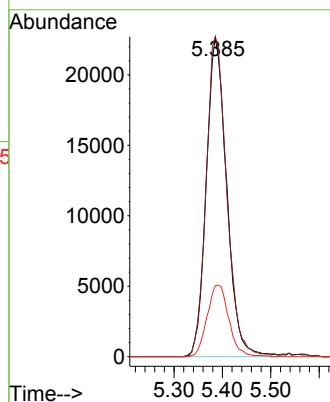
Tgt Ion:113 Resp: 66407

Ion Ratio Lower Upper

113 100

111 101.0 82.9 124.3

192 23.7 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 4.975 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX041774.D

Acq: 06 Jun 2024 13:57

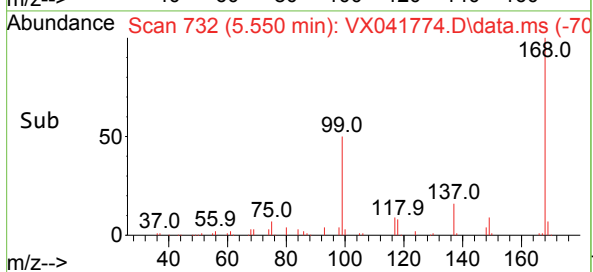
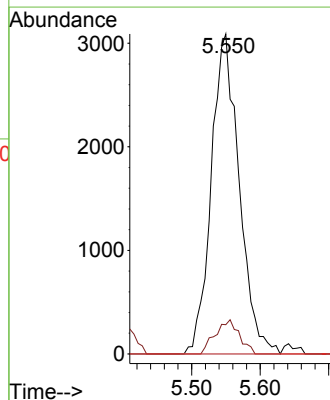
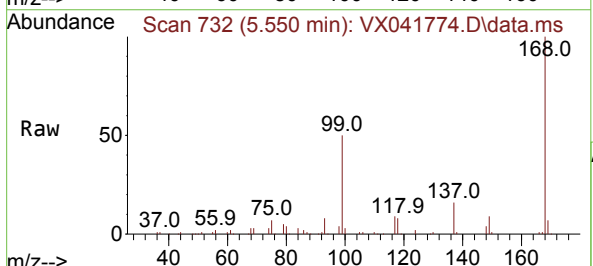
Tgt Ion: 75 Resp: 8742

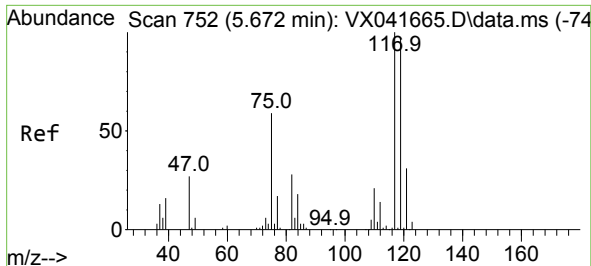
Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

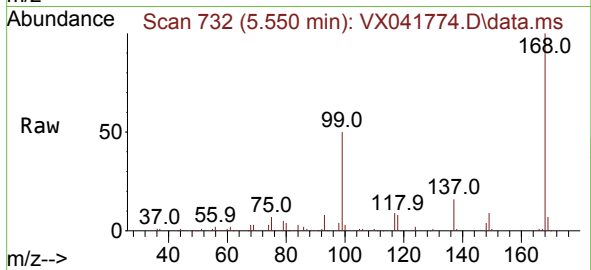
77 0.0 24.7 37.1#



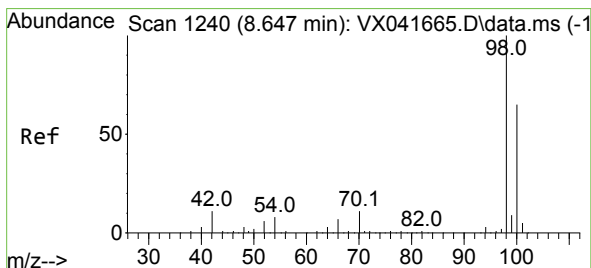
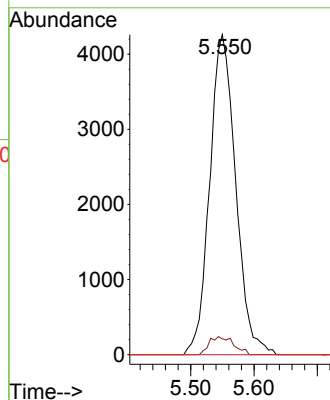
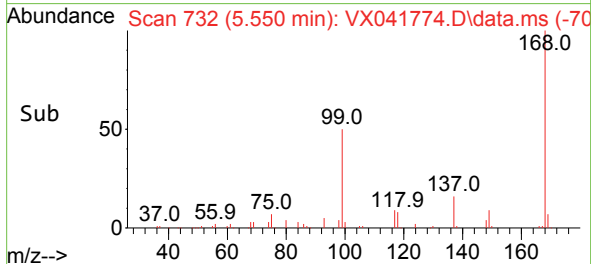


#38
Carbon Tetrachloride
Concen: 6.093 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

Instrument :
MSVOA_X
ClientSampleId :

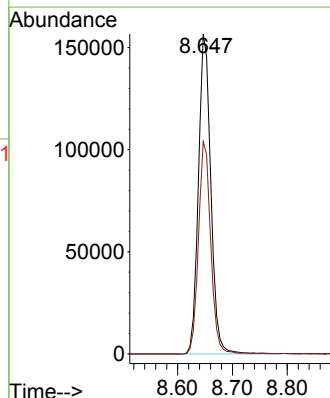
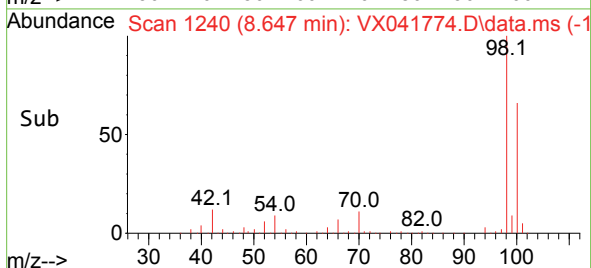
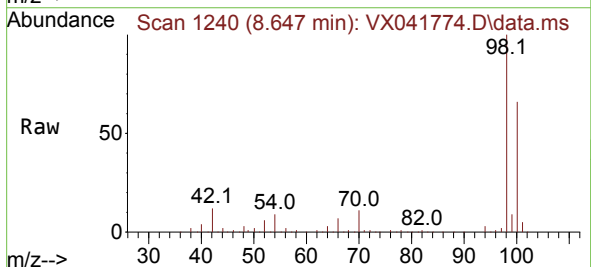


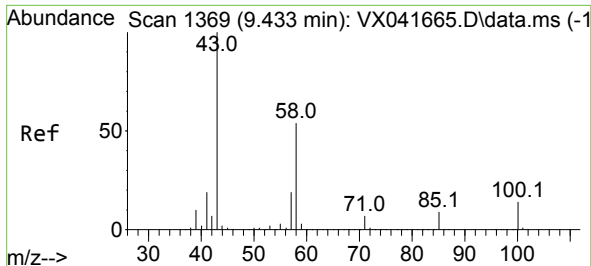
Tgt Ion:117 Resp: 12164
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.743 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

Tgt Ion: 98 Resp: 247153
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7





#59

2-Hexanone

Concen: 0.204 ug/l

RT: 9.464 min Scan# 1374

Delta R.T. 0.031 min

Lab File: VX041774.D

Acq: 06 Jun 2024 13:57

Instrument :

MSVOA_X

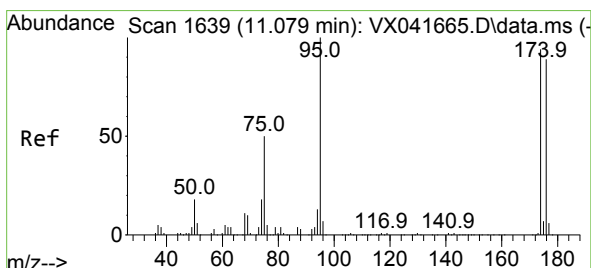
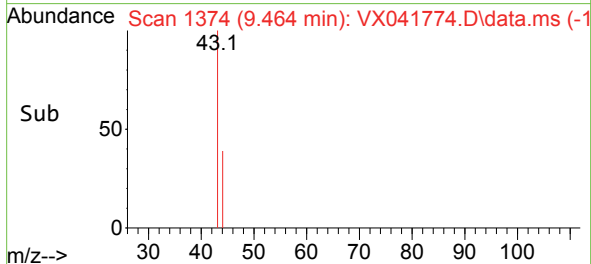
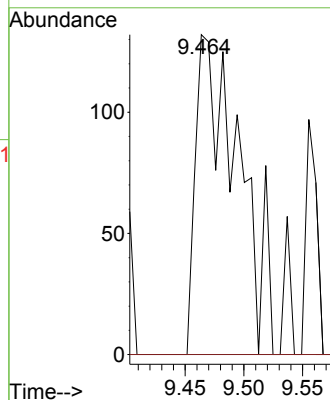
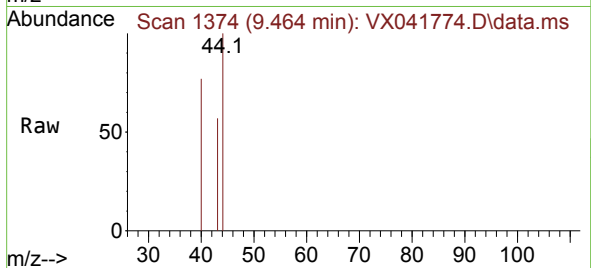
ClientSampleId :

Tgt Ion: 43 Resp: 337

Ion Ratio Lower Upper

43 100

58 0.0 26.2 78.5#



#62

4-Bromofluorobenzene

Concen: 49.541 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041774.D

Acq: 06 Jun 2024 13:57

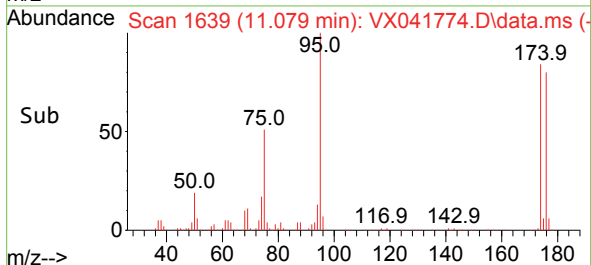
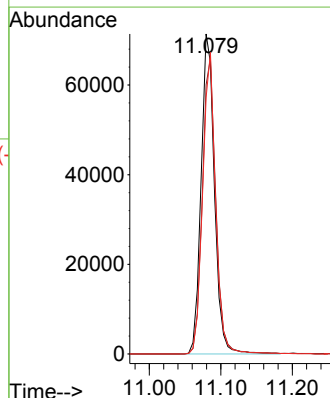
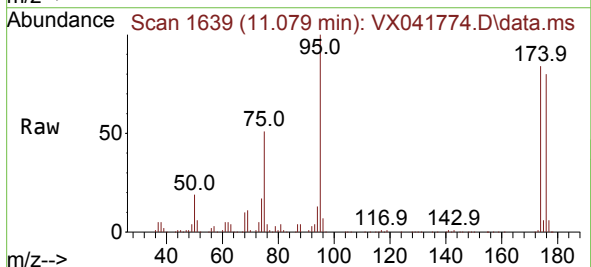
Tgt Ion: 95 Resp: 92714

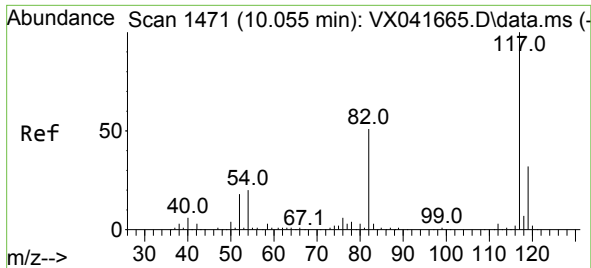
Ion Ratio Lower Upper

95 100

174 93.6 0.0 135.6

176 91.5 0.0 131.0

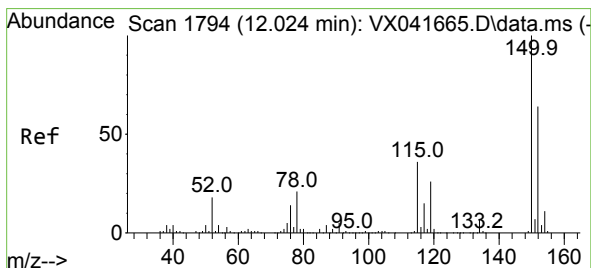
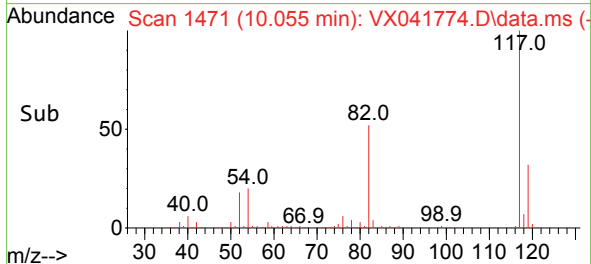
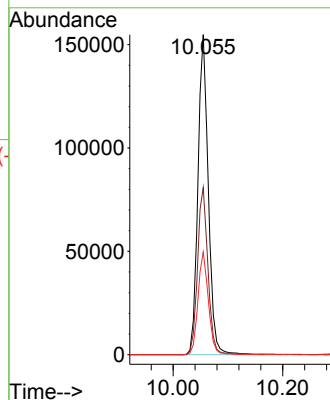
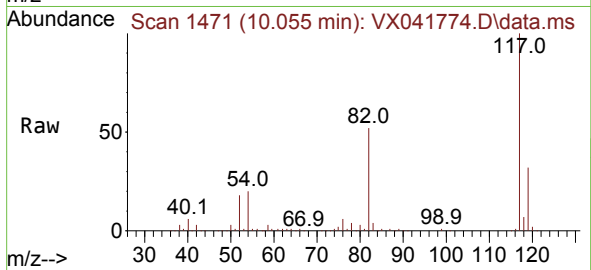




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

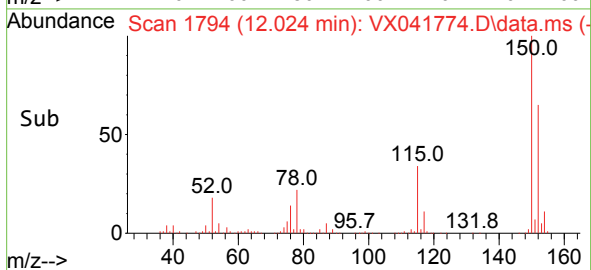
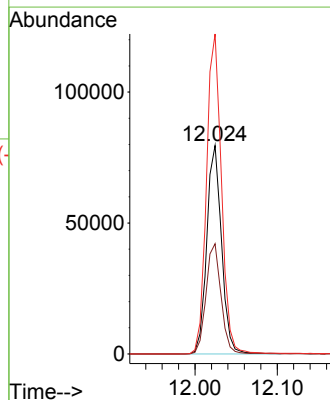
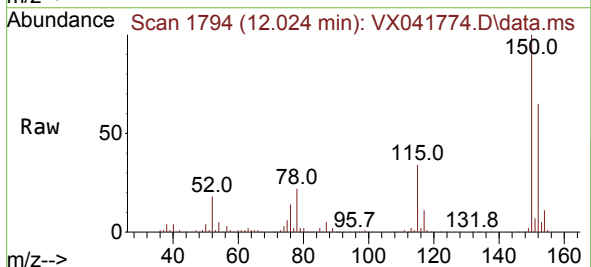
Instrument :
MSVOA_X
ClientSampleId :

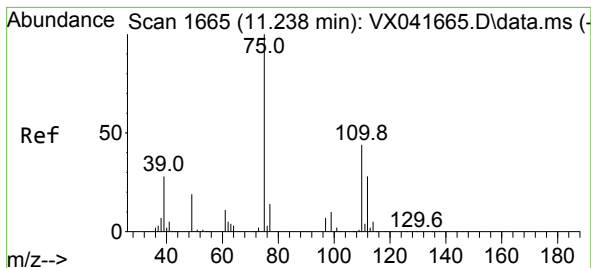
Tgt Ion:117 Resp: 204839
Ion Ratio Lower Upper
117 100
82 52.2 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

Tgt Ion:152 Resp: 99593
Ion Ratio Lower Upper
152 100
115 53.8 43.3 129.9
150 155.2 0.0 345.0

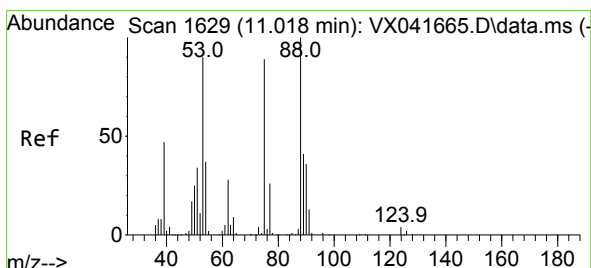
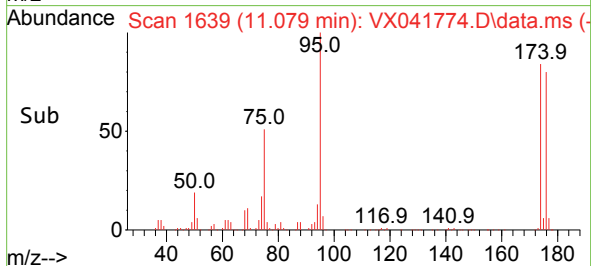
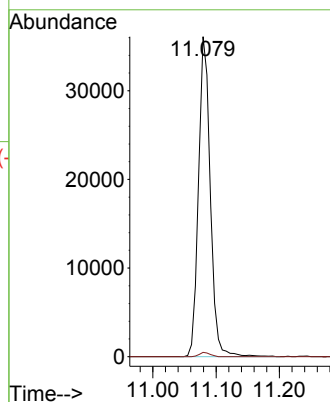
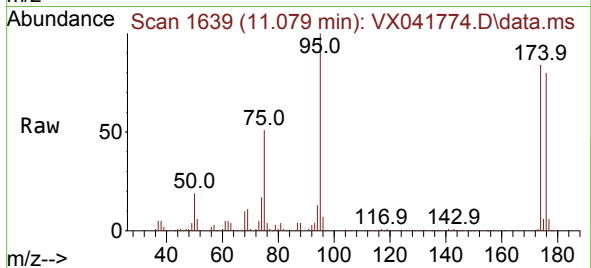




#76
1,2,3-Trichloropropane
Concen: 26.992 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 46904
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.567 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041774.D
Acq: 06 Jun 2024 13:57

Tgt Ion: 75 Resp: 46904
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

