

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020124\
 Data File : VX040064.D
 Acq On : 01 Feb 2024 12:30
 Operator : JC/MD
 Sample : P1284-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1247

Quant Time: Feb 02 01:38:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

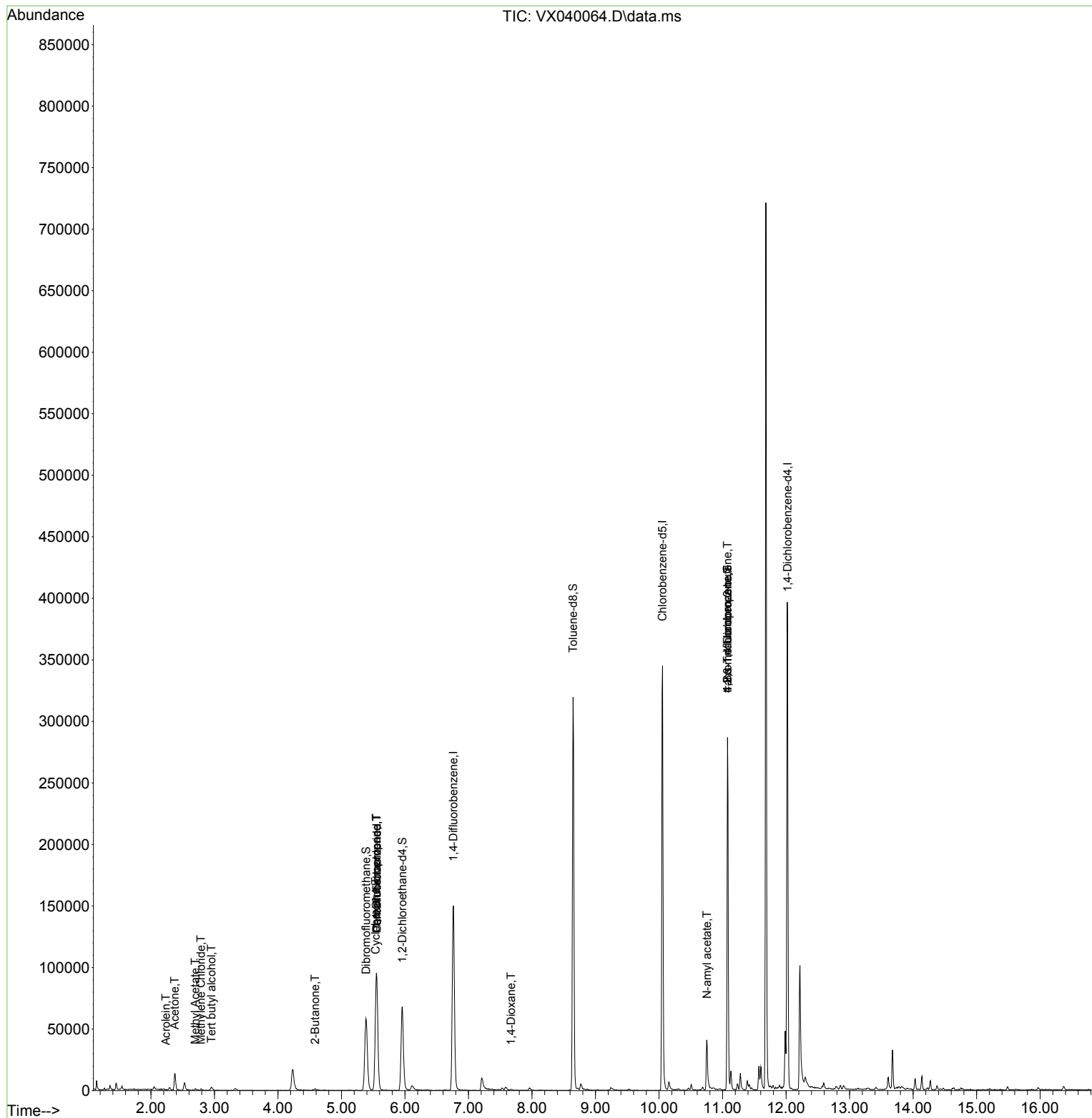
Internal Standards						
1) Pentafluorobenzene	5.556	168	86480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151597	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63244	45.441	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.880%
35) Dibromofluoromethane	5.385	113	50486	48.922	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	8.647	98	186602	48.351	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.700%
62) 4-Bromofluorobenzene	11.079	95	75496	50.804	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	2655	10.513	ug/l #	96
13) Acrolein	2.233	56	52	0.215	ug/l #	1
16) Acetone	2.373	43	14535	22.289	ug/l	94
18) Methyl Acetate	2.696	43	1682	1.089	ug/l #	86
20) Methylene Chloride	2.788	84	512	0.442	ug/l #	68
25) 2-Butanone	4.586	43	2213	2.441	ug/l	91
31) Cyclohexane	5.537	56	2083	1.195	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	7714	5.169	ug/l #	52
38) Carbon Tetrachloride	5.556	117	9477	6.636	ug/l #	14
49) 1,4-Dioxane	7.671	88	461	16.754	ug/l #	96
74) N-amyl acetate	10.756	43	9397	3.988	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39953	24.702	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39953	73.180	ug/l #	5

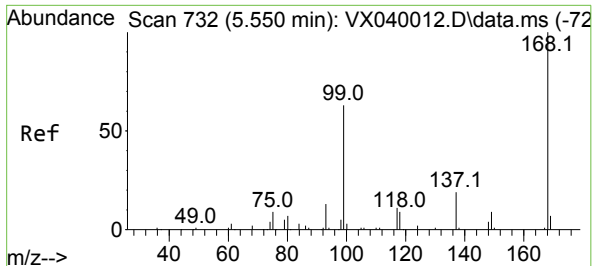
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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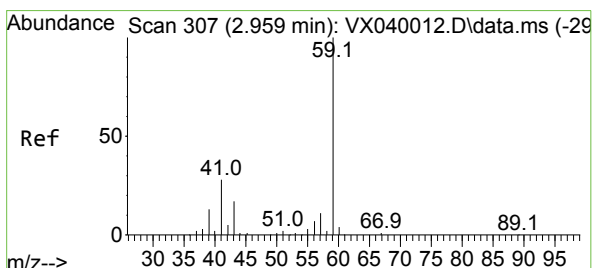
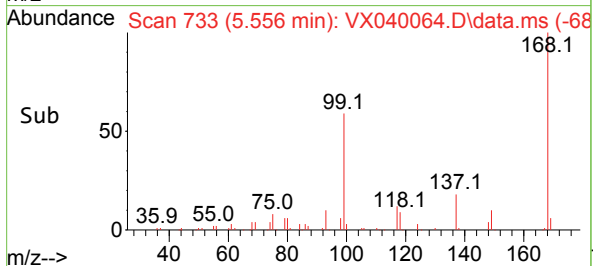
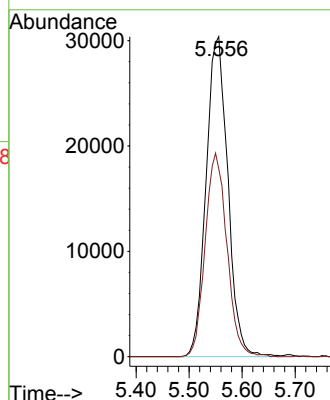
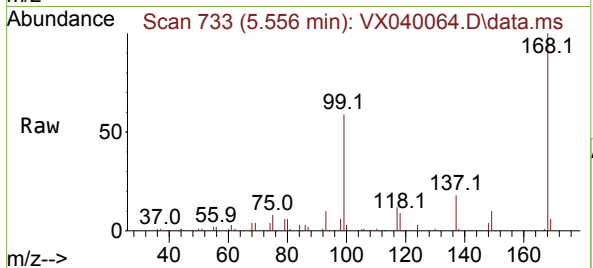




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

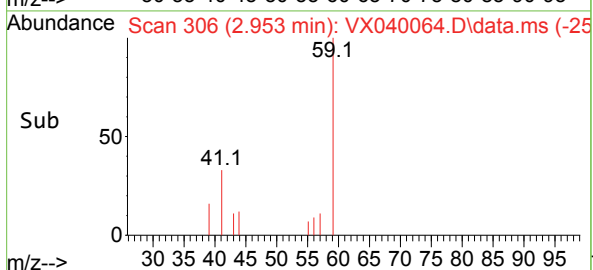
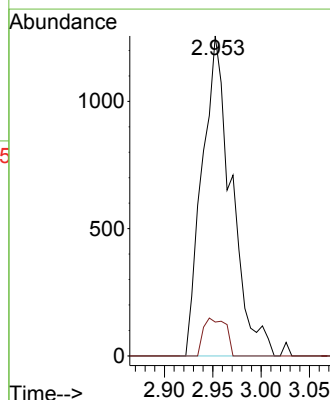
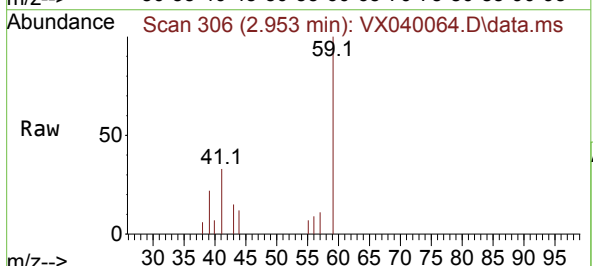
Instrument :
MSVOA_X
ClientSampleId :
1247

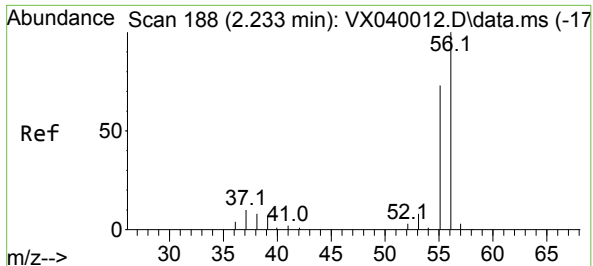
Tgt Ion:168 Resp: 86480
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 10.513 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

Tgt Ion: 59 Resp: 2655
Ion Ratio Lower Upper
59 100
57 9.0 6.0 9.0#

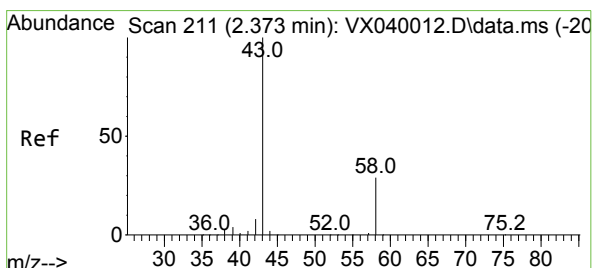
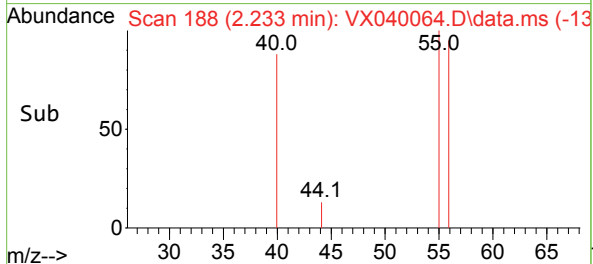
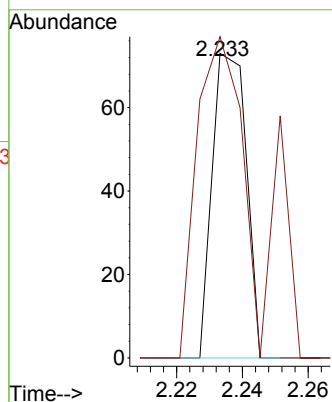
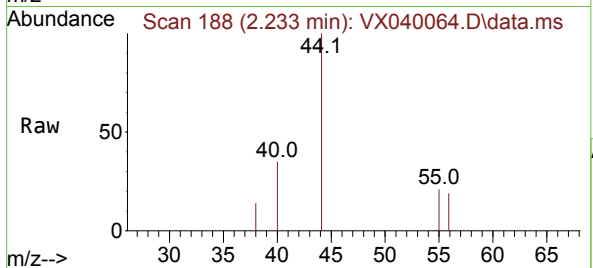




#13
Acrolein
Concen: 0.215 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

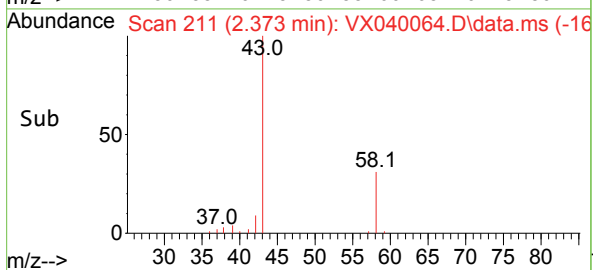
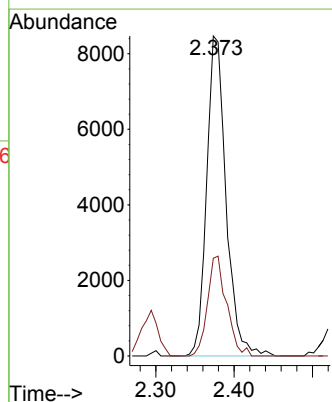
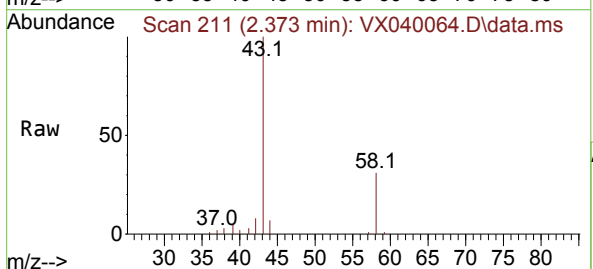
Instrument :
MSVOA_X
ClientSampleId :
1247

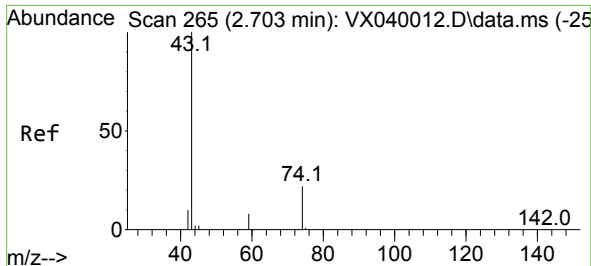
Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 180.8 57.1 85.7#



#16
Acetone
Concen: 22.289 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

Tgt Ion: 43 Resp: 14535
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9

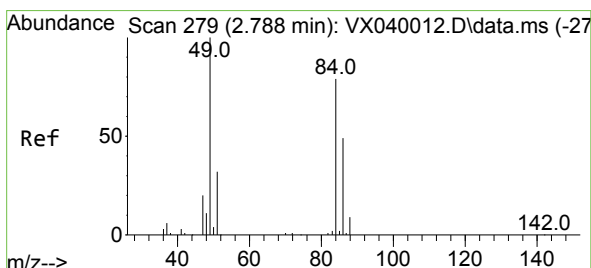
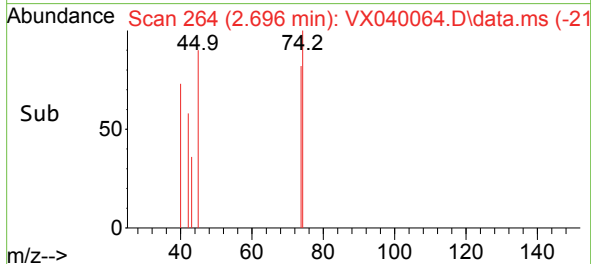
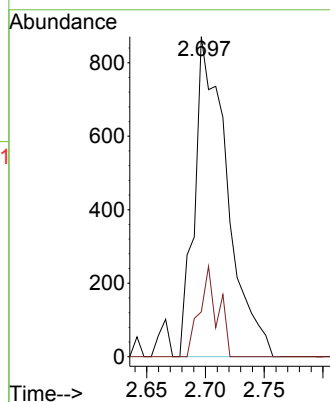
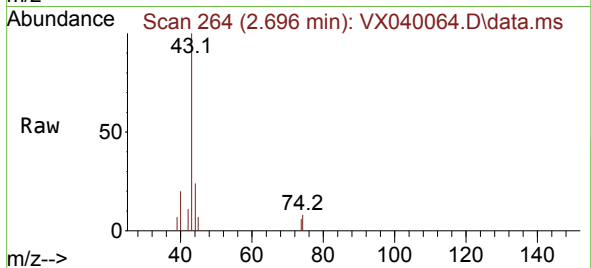




#18
Methyl Acetate
Concen: 1.089 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

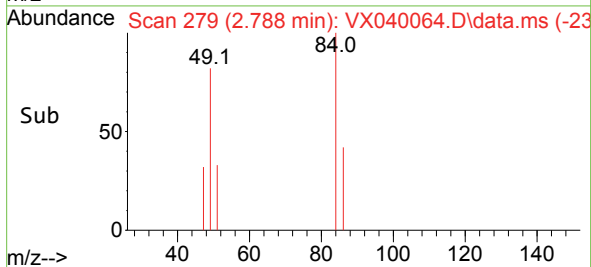
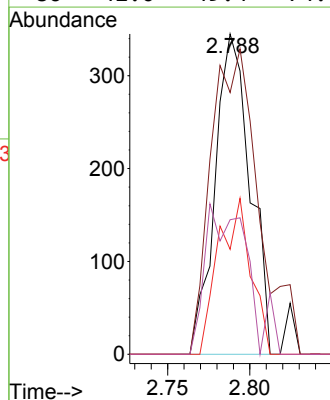
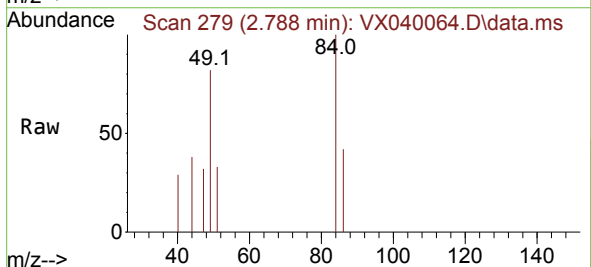
Instrument :
MSVOA_X
ClientSampleId :
1247

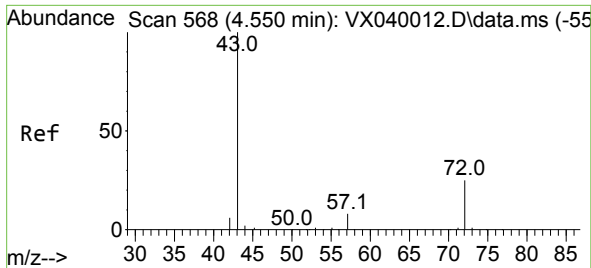
Tgt Ion: 43 Resp: 1682
Ion Ratio Lower Upper
43 100
74 15.6 17.8 26.8#



#20
Methylene Chloride
Concen: 0.442 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

Tgt Ion: 84 Resp: 512
Ion Ratio Lower Upper
84 100
49 81.7 103.6 155.4#
51 32.8 33.8 50.6#
86 42.0 49.4 74.0#

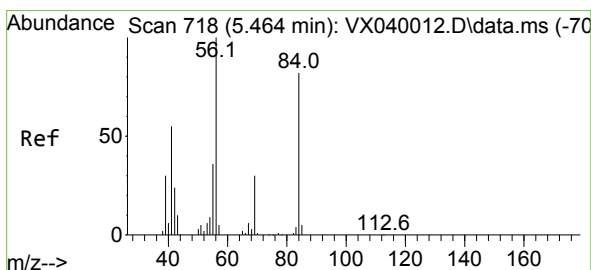
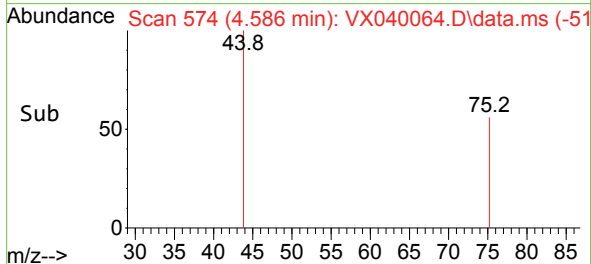
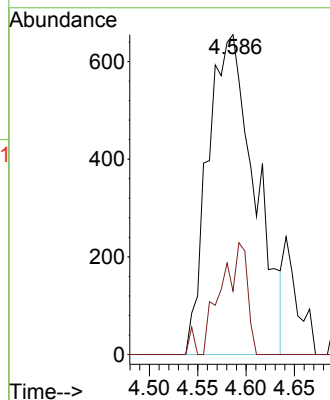
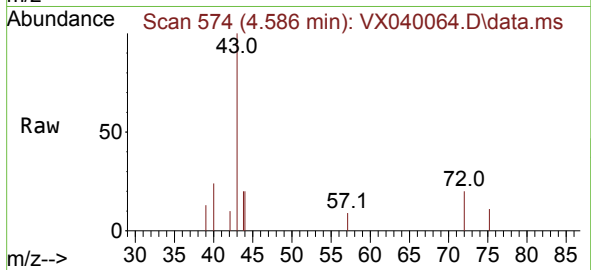




#25
2-Butanone
Concen: 2.441 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

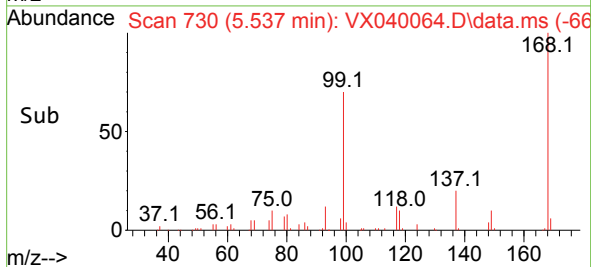
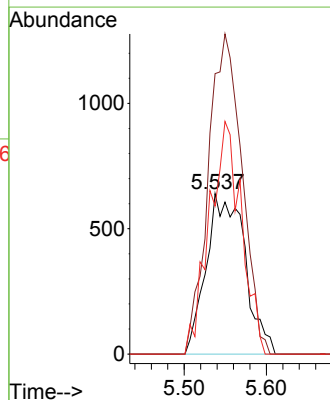
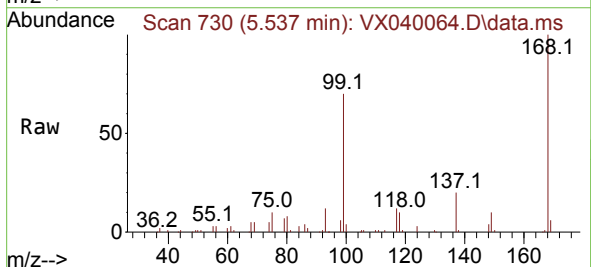
Instrument :
MSVOA_X
ClientSampleId :
1247

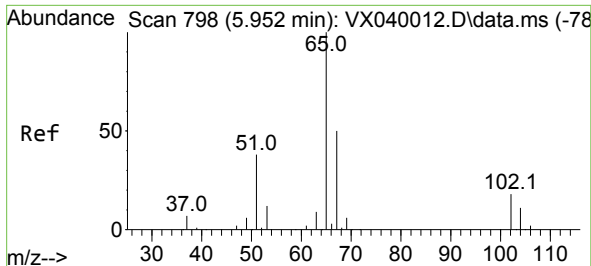
Tgt Ion: 43 Resp: 2213
Ion Ratio Lower Upper
43 100
72 19.8 19.4 29.2



#31
Cyclohexane
Concen: 1.195 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

Tgt Ion: 56 Resp: 2083
Ion Ratio Lower Upper
56 100
69 174.8 23.4 35.2#
84 92.3 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 45.441 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040064.D

Acq: 01 Feb 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

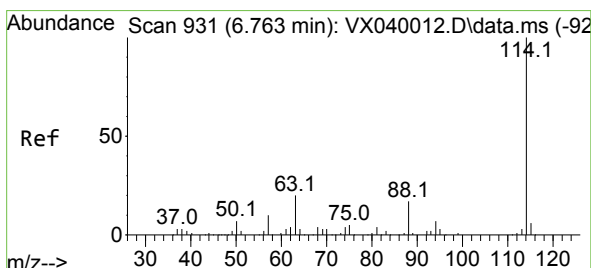
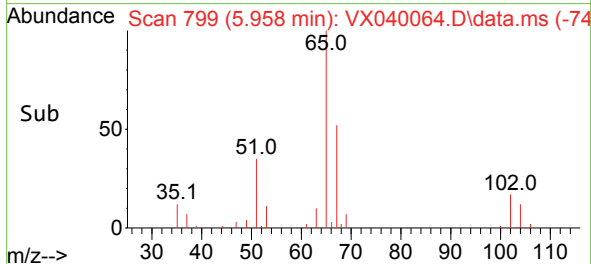
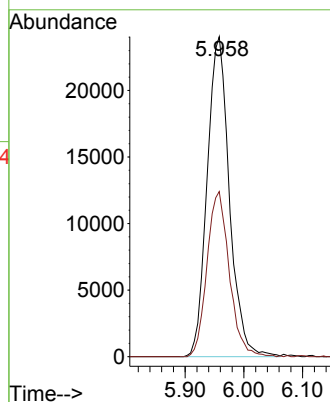
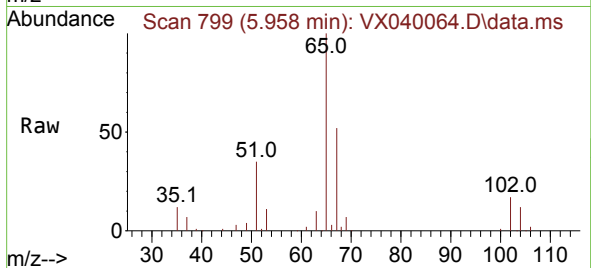
1247

Tgt Ion: 65 Resp: 63244

Ion Ratio Lower Upper

65 100

67 51.7 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: VX040064.D

Acq: 01 Feb 2024 12:30

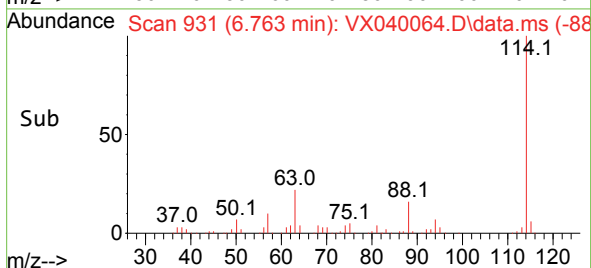
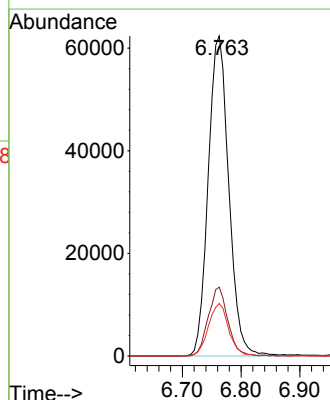
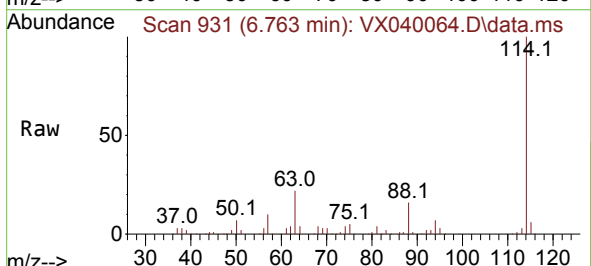
Tgt Ion: 114 Resp: 151597

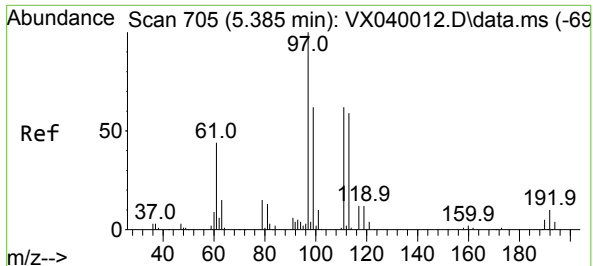
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 16.4 0.0 36.6

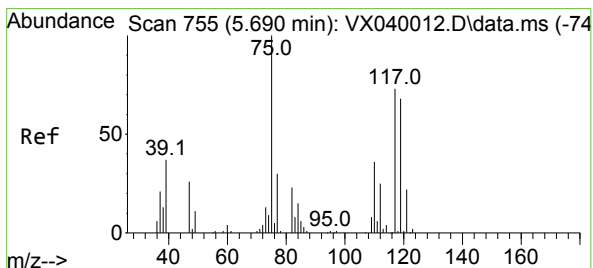
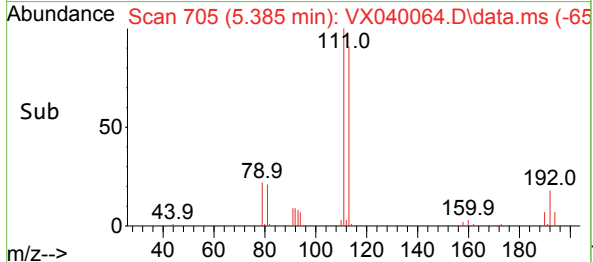
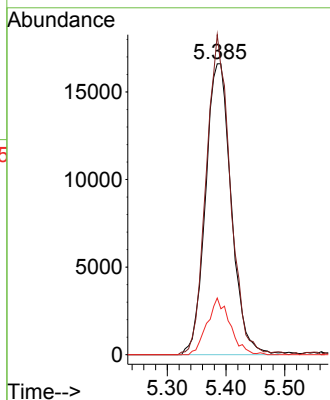
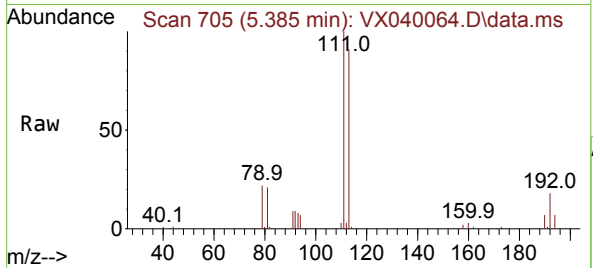




#35
Dibromofluoromethane
Concen: 48.922 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

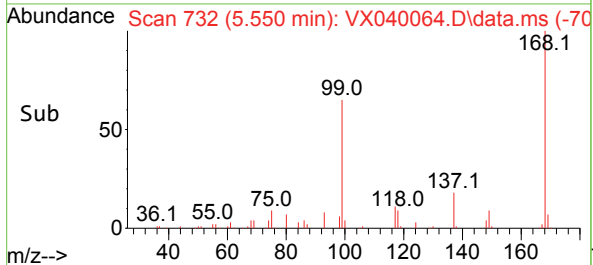
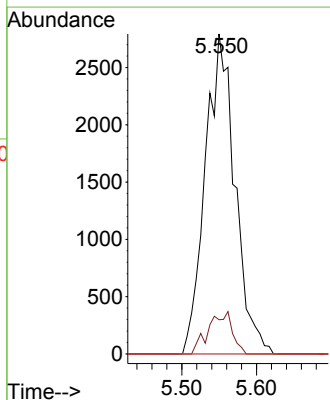
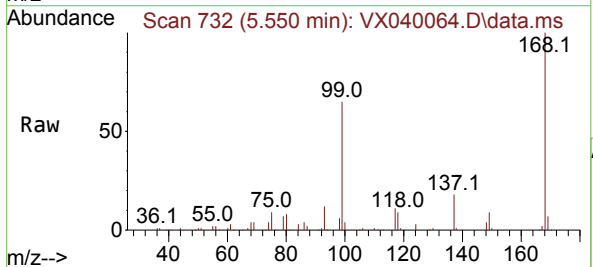
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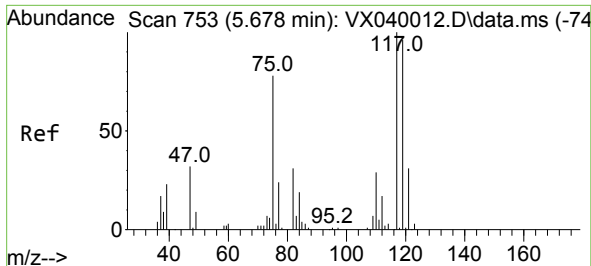
Tgt Ion:113 Resp: 50486
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 17.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.169 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

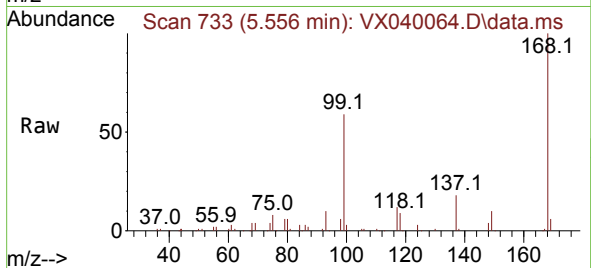
Tgt Ion: 75 Resp: 7714
Ion Ratio Lower Upper
75 100
110 10.6 17.0 50.9#
77 0.0 24.7 37.1#



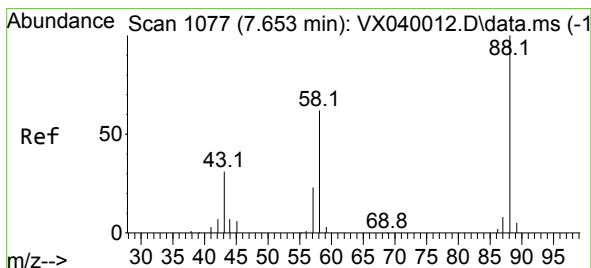
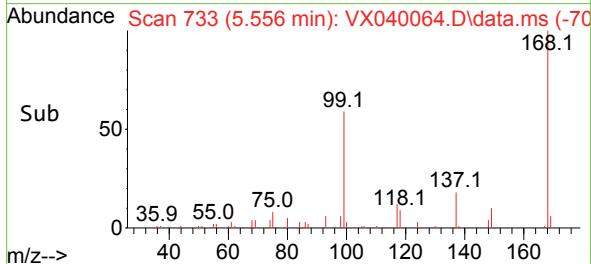
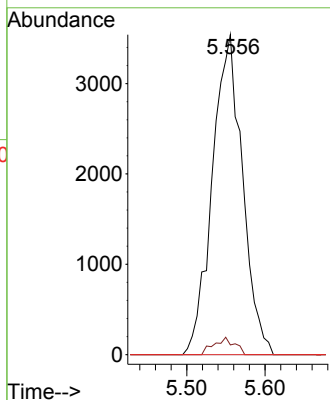


#38
Carbon Tetrachloride
Concen: 6.636 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
1247

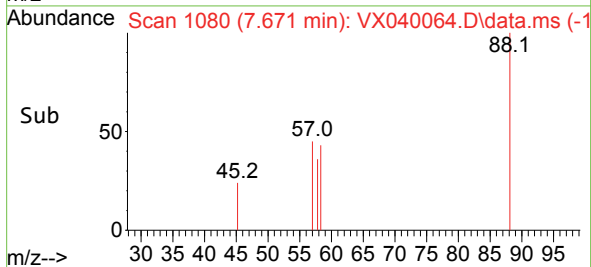
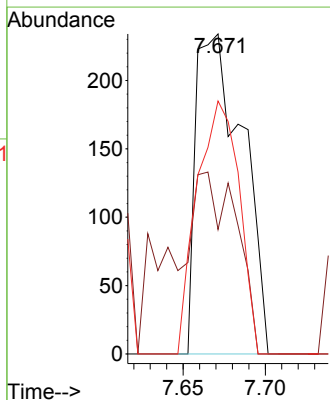
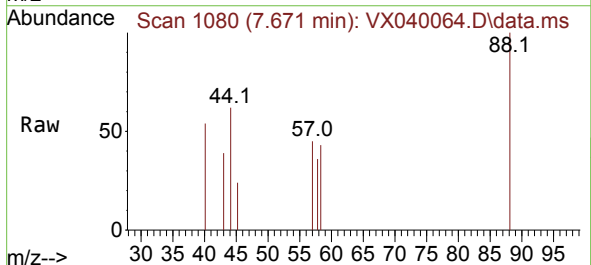


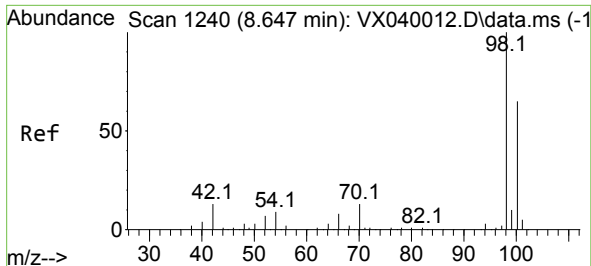
Tgt Ion:117 Resp: 9477
Ion Ratio Lower Upper
117 100
119 3.1 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 16.754 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.018 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

Tgt Ion: 88 Resp: 461
Ion Ratio Lower Upper
88 100
43 55.7 0.0 0.0#
58 71.6 60.1 90.1

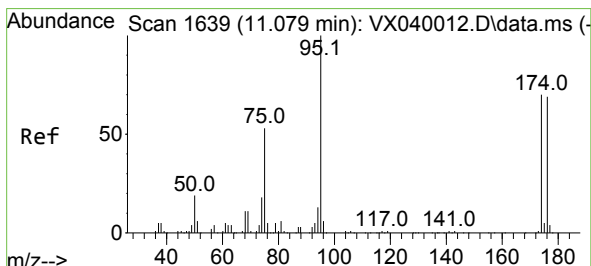
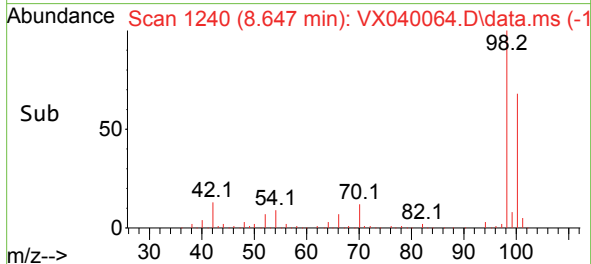
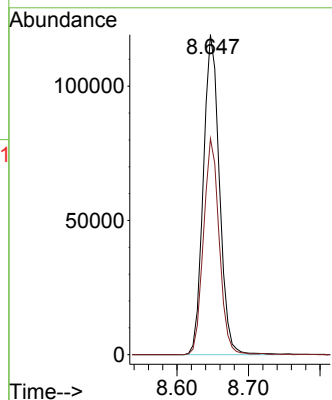
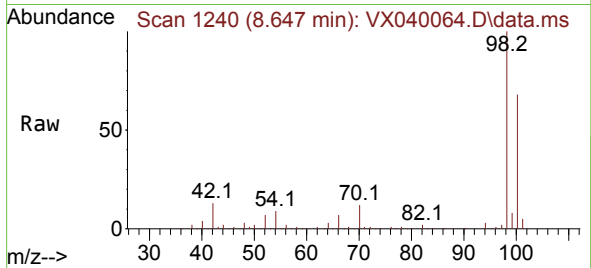




#50
Toluene-d8
Concen: 48.351 ug/l
RT: 8.647 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

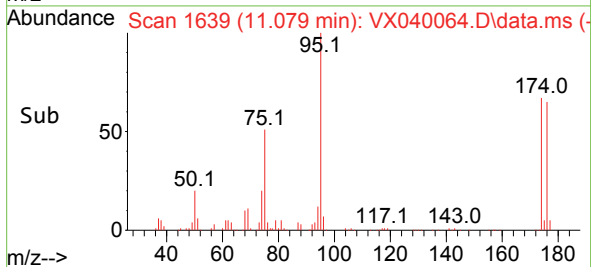
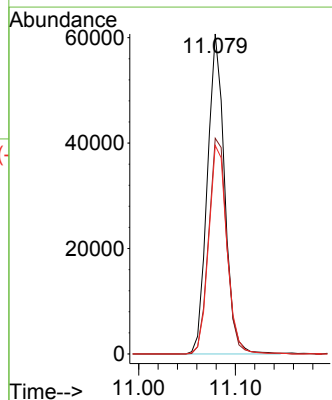
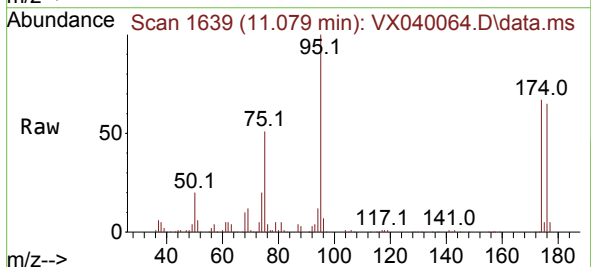
Instrument :
MSVOA_X
ClientSampleId :
1247

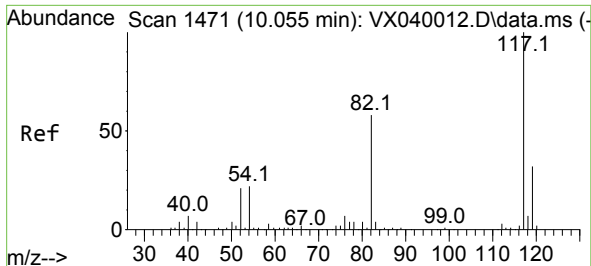
Tgt Ion: 98 Resp: 186602
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.804 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

Tgt Ion: 95 Resp: 75496
Ion Ratio Lower Upper
95 100
174 70.6 0.0 135.6
176 69.0 0.0 131.0

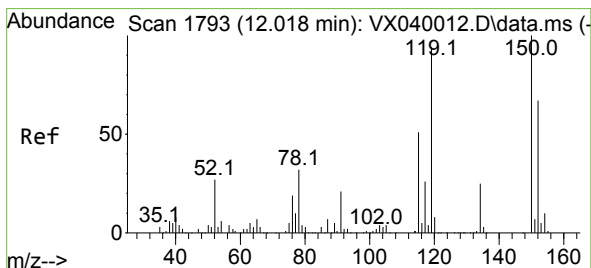
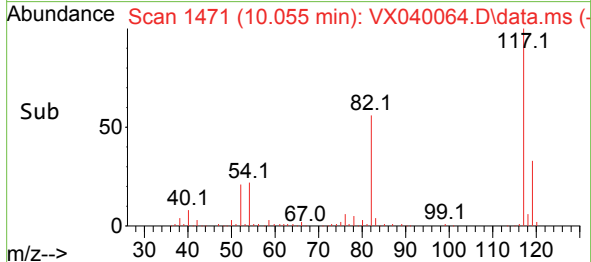
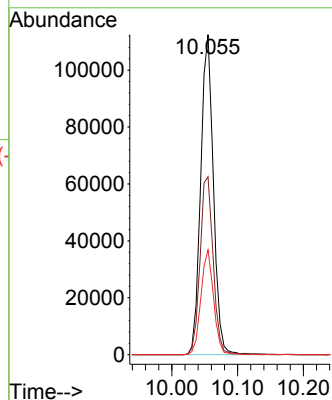
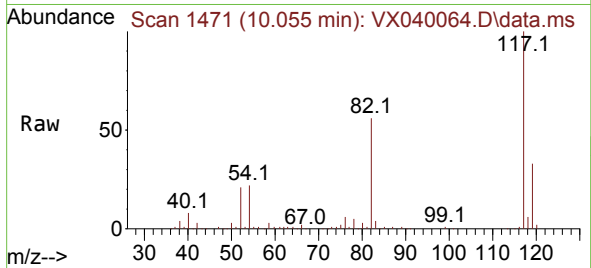




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

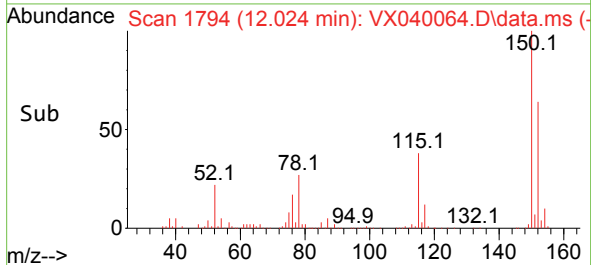
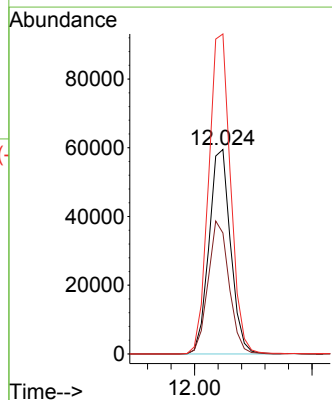
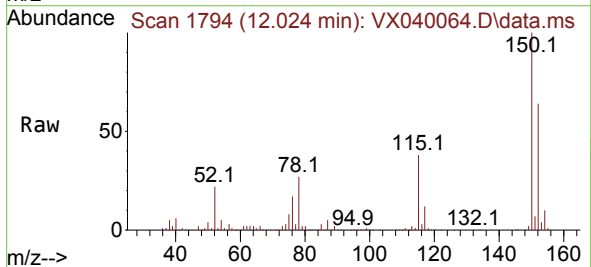
Instrument :
MSVOA_X
ClientSampleId :
1247

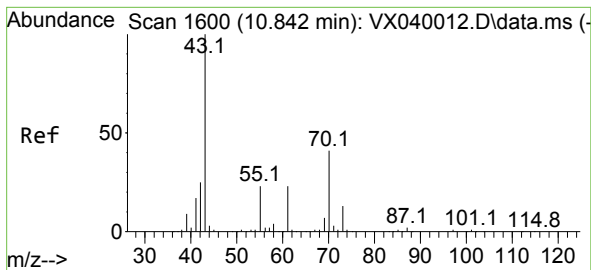
Tgt Ion:117 Resp: 151214
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040064.D
Acq: 01 Feb 2024 12:30

Tgt Ion:152 Resp: 75950
Ion Ratio Lower Upper
152 100
115 63.2 43.3 129.9
150 159.1 0.0 345.0





#74

N-amy1 acetate

Concen: 3.988 ug/l

RT: 10.756 min Scan# 1

Delta R.T. -0.086 min

Lab File: VX040064.D

Acq: 01 Feb 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

1247

Tgt Ion: 43 Resp: 9397

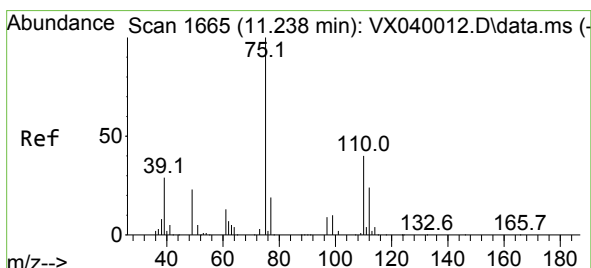
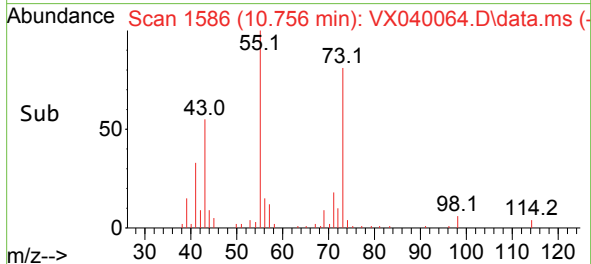
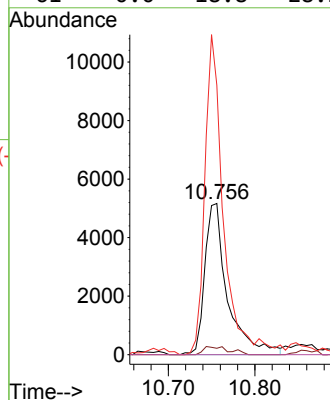
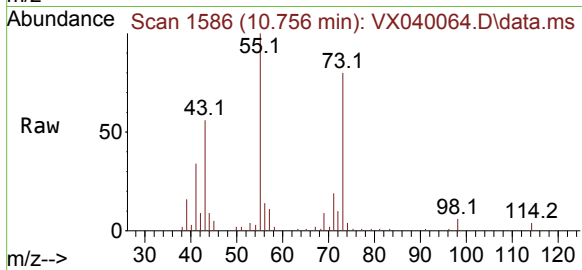
Ion Ratio Lower Upper

43 100

70 6.0 32.9 49.3#

55 172.5 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 24.702 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040064.D

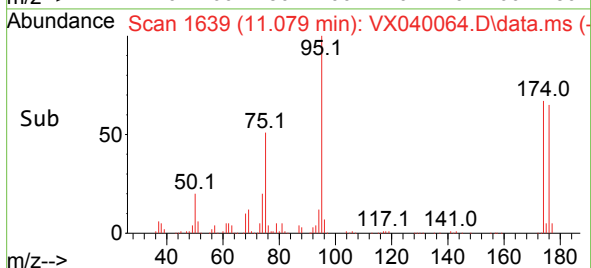
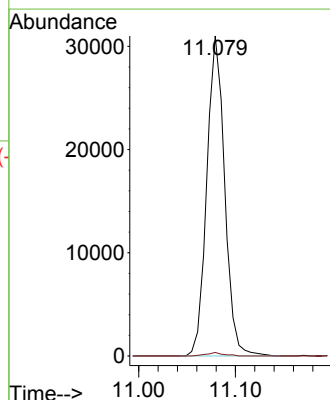
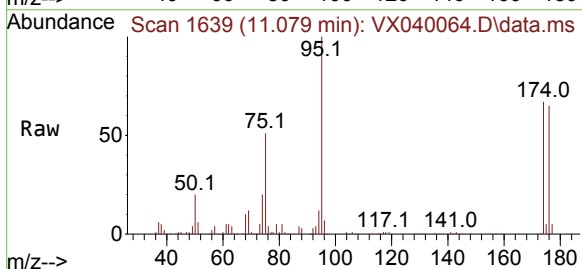
Acq: 01 Feb 2024 12:30

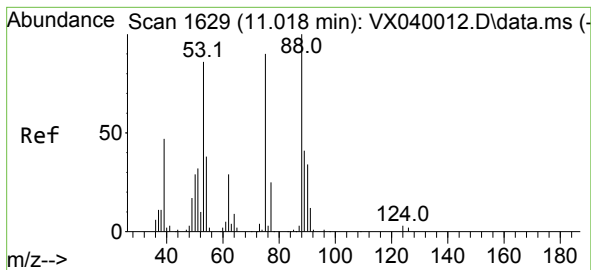
Tgt Ion: 75 Resp: 39953

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.180 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040064.D
 Acq: 01 Feb 2024 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 1247

Tgt Ion: 75 Resp: 39953
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

