

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020124\
 Data File : VX040066.D
 Acq On : 01 Feb 2024 13:15
 Operator : JC/MD
 Sample : P1312-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWV-2005

Quant Time: Feb 02 01:39:45 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)

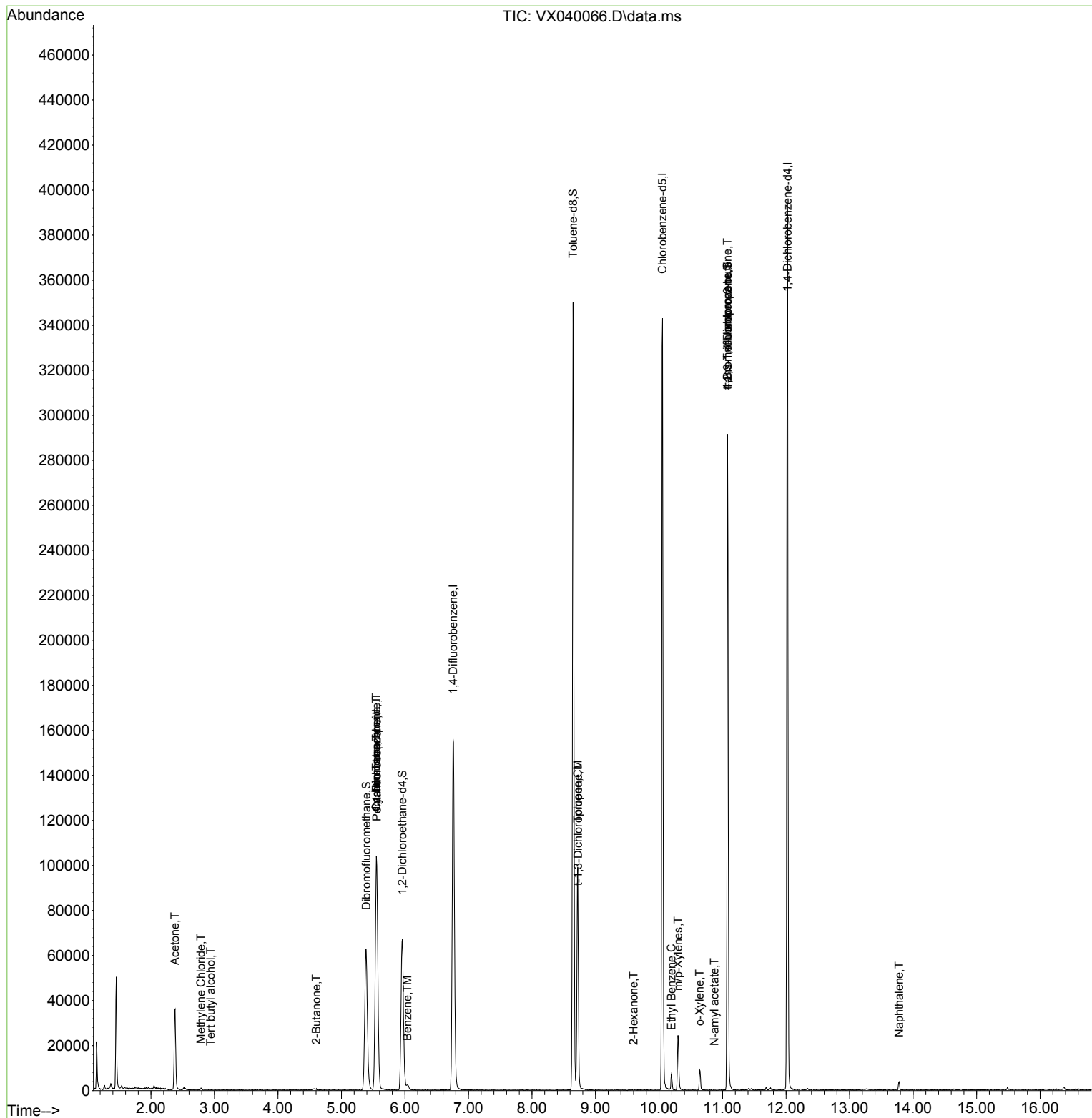
Internal Standards						
1) Pentafluorobenzene	5.556	168	91972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65183	44.037	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.080%
35) Dibromofluoromethane	5.391	113	54686	50.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.740%
50) Toluene-d8	8.647	98	202873	49.966	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.940%
62) 4-Bromofluorobenzene	11.079	95	76899	49.187	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	66	0.246	ug/l #	78
16) Acetone	2.380	43	38587	55.638	ug/l	94
20) Methylene Chloride	2.788	84	350	0.284	ug/l #	76
25) 2-Butanone	4.605	43	320	0.332	ug/l #	51
31) Cyclohexane	5.550	56	2472	1.333	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	8567	5.456	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9470	6.303	ug/l #	15
40) Benzene	6.037	78	2097	0.459	ug/l	93
52) Toluene	8.720	92	36827	12.920	ug/l	98
53) t-1,3-Dichloropropene	8.726	75	441	0.263	ug/l #	1
59) 2-Hexanone	9.598	43	437	0.297	ug/l #	26
67) Ethyl Benzene	10.195	91	4142	0.731	ug/l	98
68) m/p-Xylenes	10.299	106	5755	2.700	ug/l	96
69) o-Xylene	10.640	106	2012	0.995	ug/l	85
74) N-amyl acetate	10.872	43	43	0.215	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	40478	23.829	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	40478	70.996	ug/l #	5
95) Naphthalene	13.780	128	2700	0.495	ug/l	97

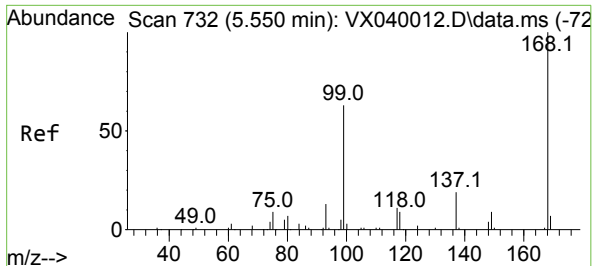
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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NWV-2005

Quant Time: Feb 02 01:39:45 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

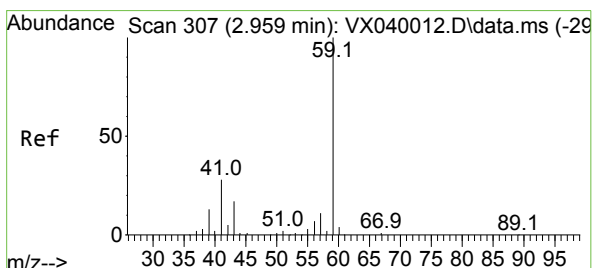
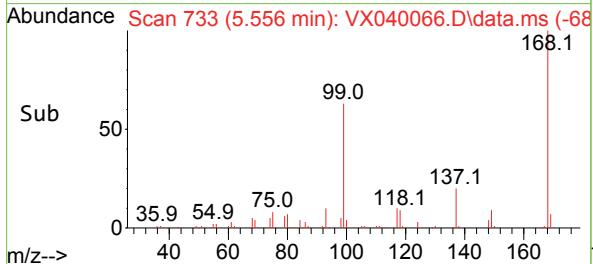
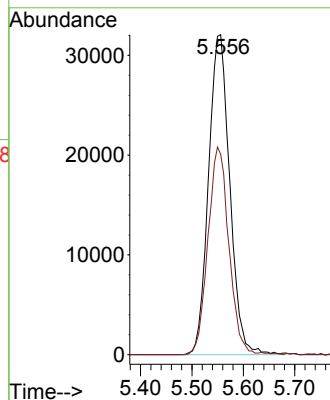
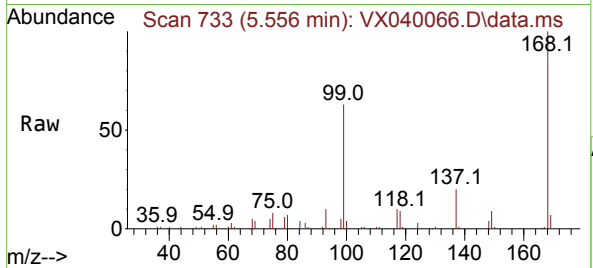




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

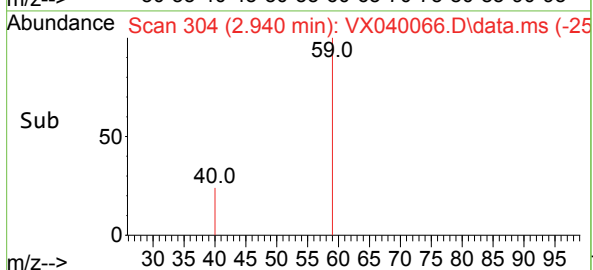
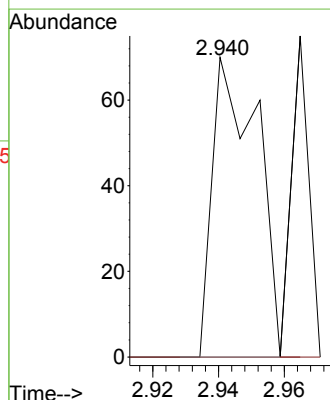
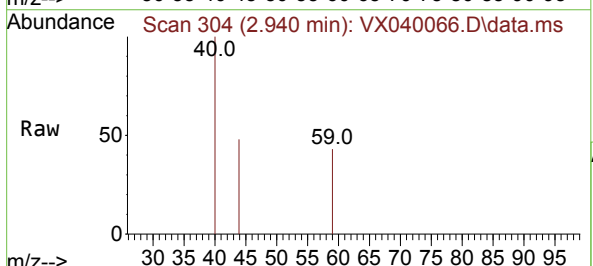
Instrument :
MSVOA_X
ClientSampleId :
NWV-2005

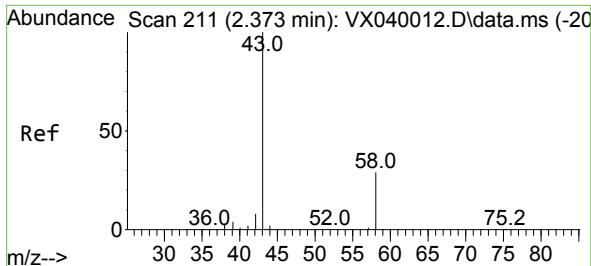
Tgt Ion:168 Resp: 91972
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.246 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

Tgt Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

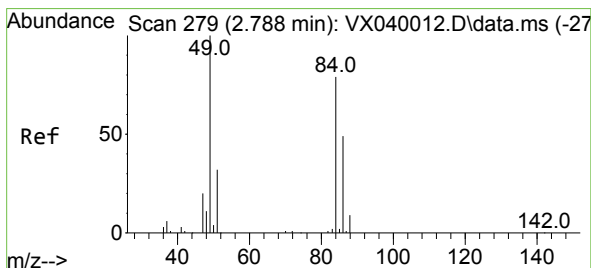
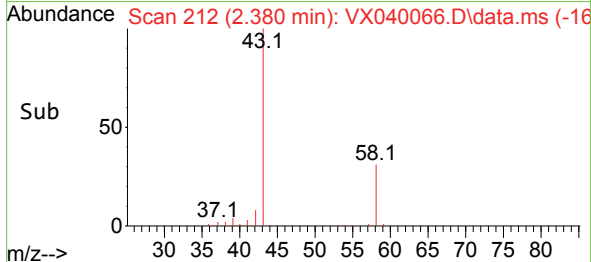
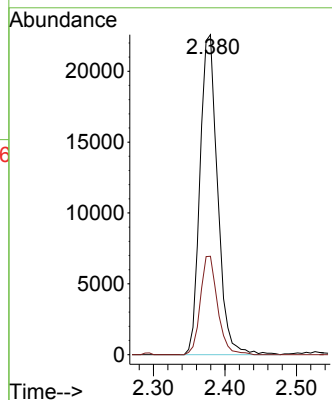
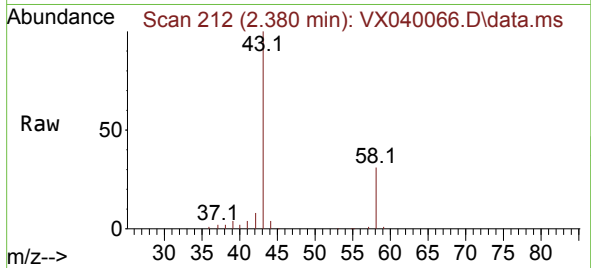




#16
Acetone
Concen: 55.638 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

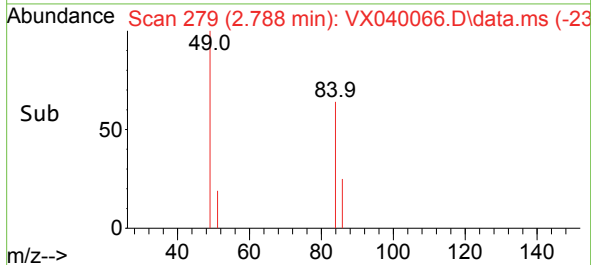
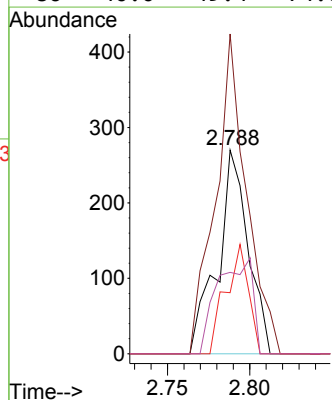
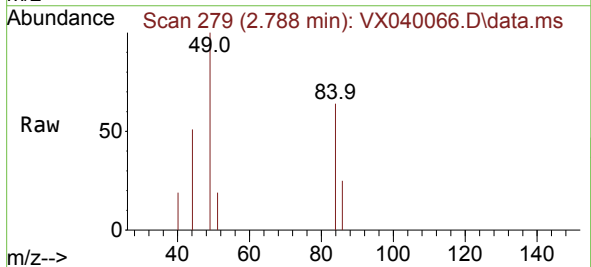
Instrument :
MSVOA_X
ClientSampleId :
NWV-2005

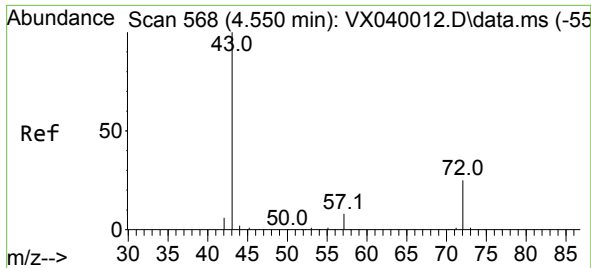
Tgt Ion: 43 Resp: 38587
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9



#20
Methylene Chloride
Concen: 0.284 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

Tgt Ion: 84 Resp: 350
Ion Ratio Lower Upper
84 100
49 157.0 103.6 155.4#
51 30.0 33.8 50.6#
86 40.0 49.4 74.0#

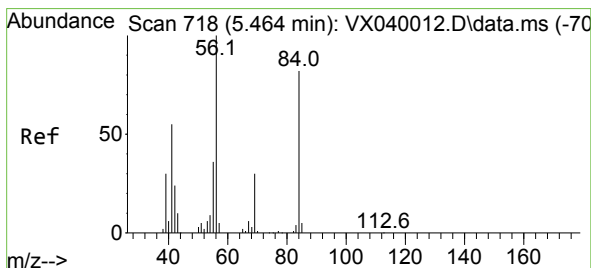
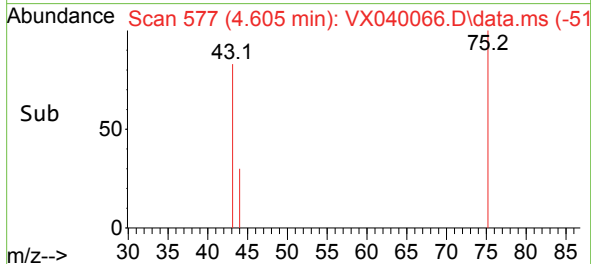
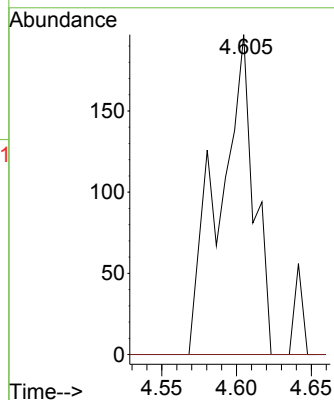
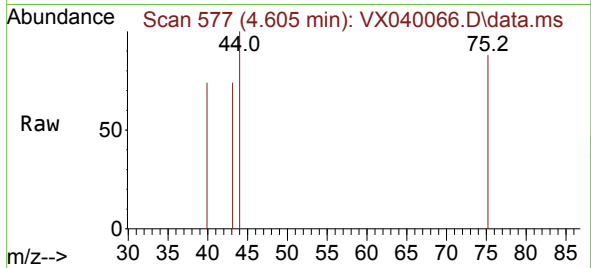




#25
2-Butanone
Concen: 0.332 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

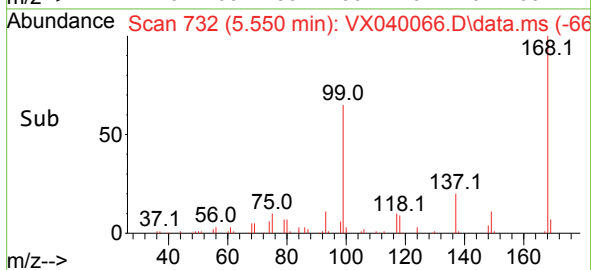
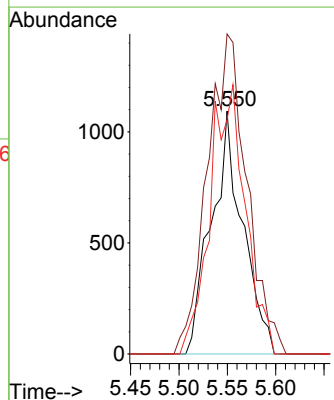
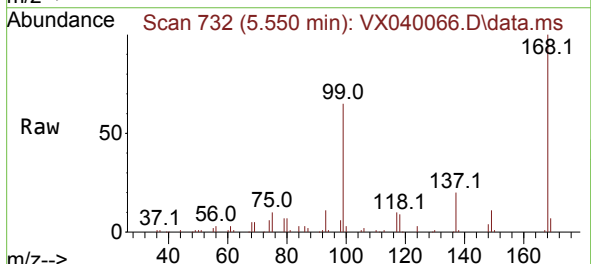
Instrument :
MSVOA_X
ClientSampleId :
NWV-2005

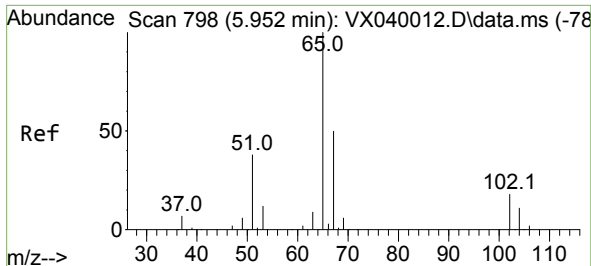
Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.333 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

Tgt Ion: 56 Resp: 2472
Ion Ratio Lower Upper
56 100
69 125.9 23.4 35.2#
84 96.4 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 44.037 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040066.D

Acq: 01 Feb 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

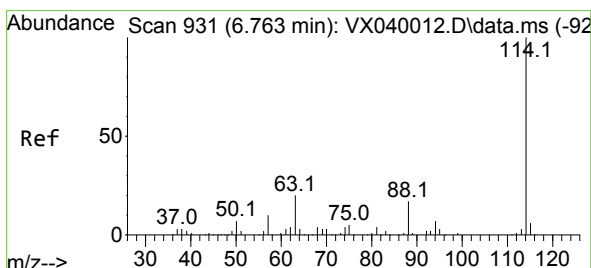
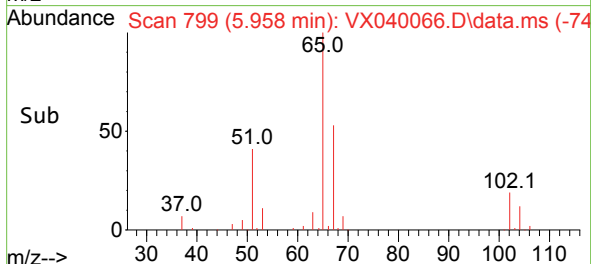
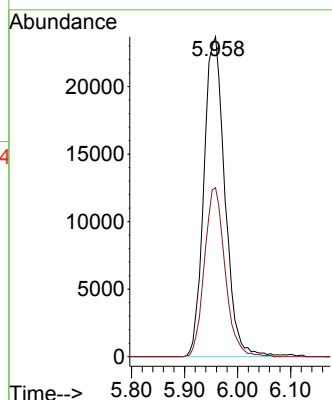
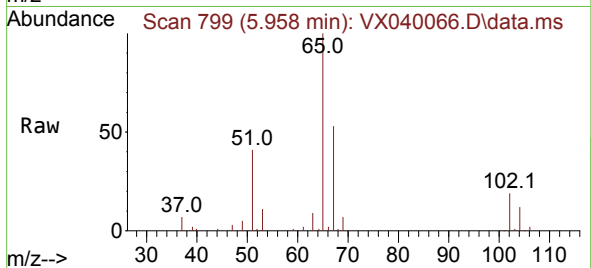
NWV-2005

Tgt Ion: 65 Resp: 65183

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040066.D

Acq: 01 Feb 2024 13:15

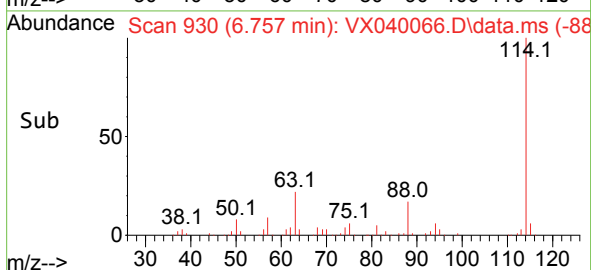
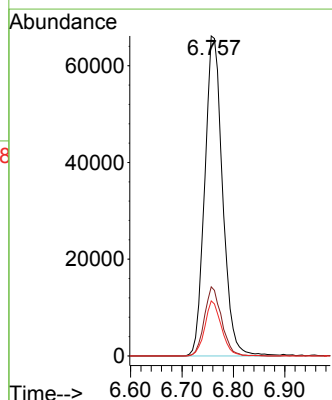
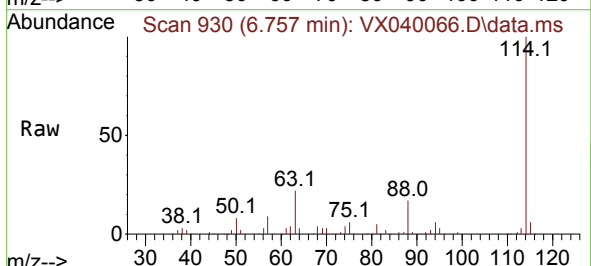
Tgt Ion: 114 Resp: 159489

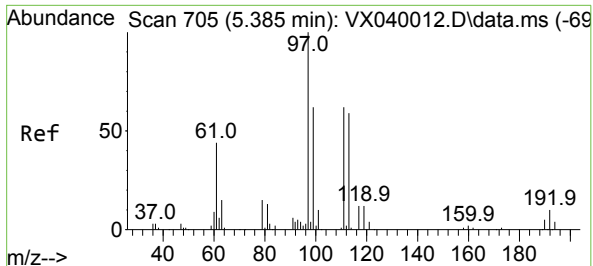
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

88 17.2 0.0 36.6

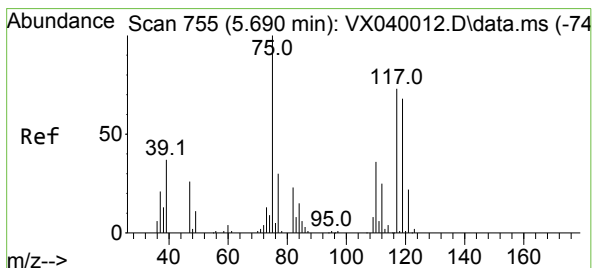
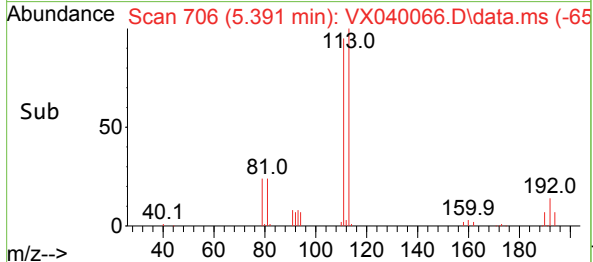
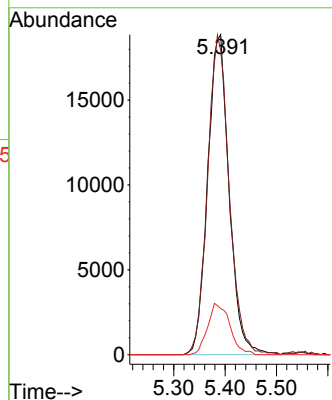
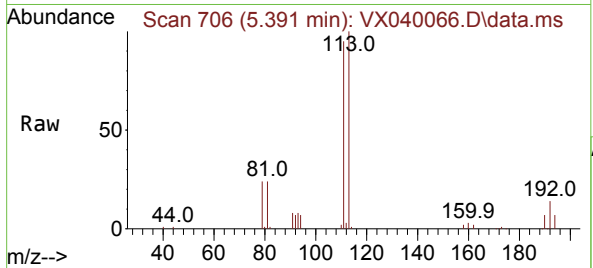




#35
Dibromofluoromethane
Concen: 50.370 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

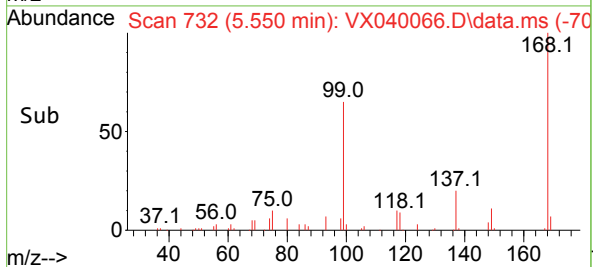
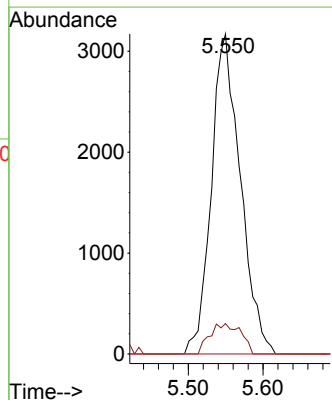
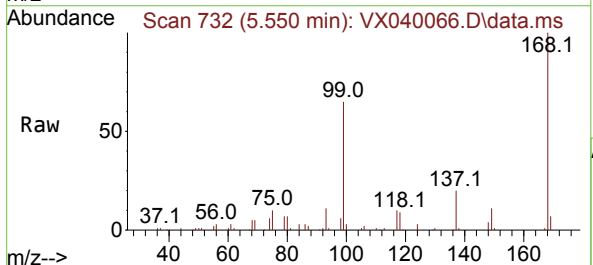
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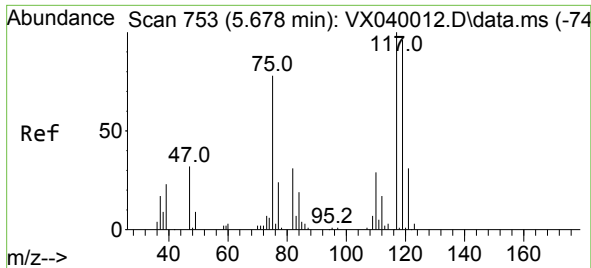
Tgt Ion:113 Resp: 54686
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.456 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

Tgt Ion: 75 Resp: 8567
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#

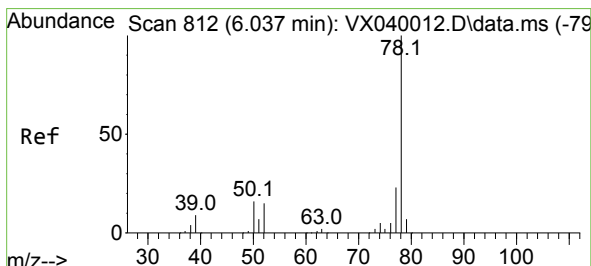
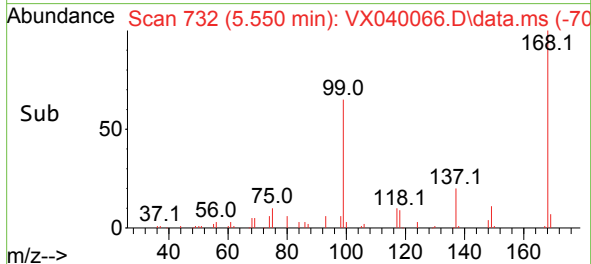
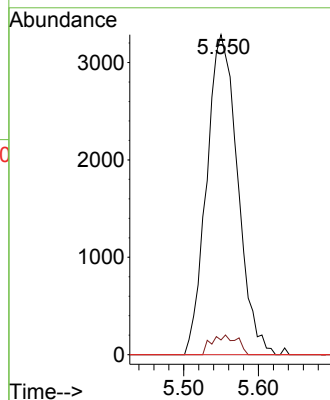
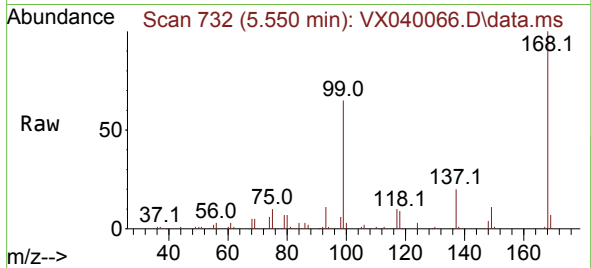




#38
Carbon Tetrachloride
Concen: 6.303 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

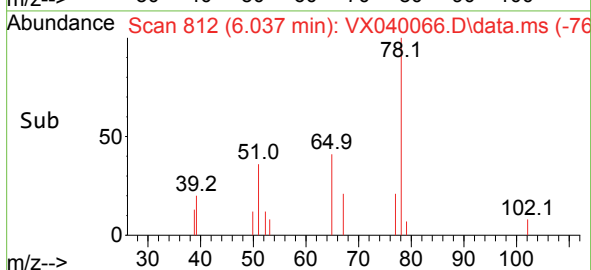
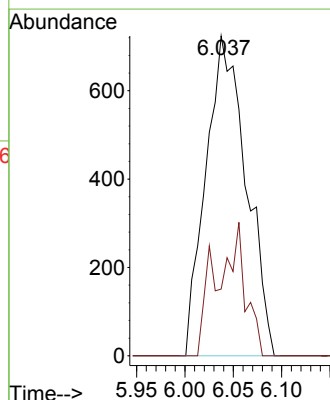
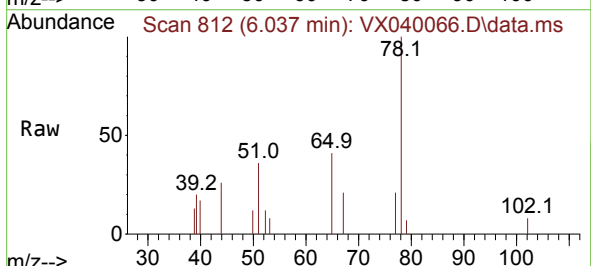
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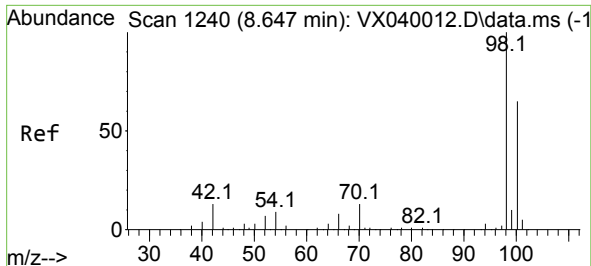
Tgt Ion:117 Resp: 9470
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 0.459 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

Tgt Ion: 78 Resp: 2097
Ion Ratio Lower Upper
78 100
77 20.9 19.3 28.9

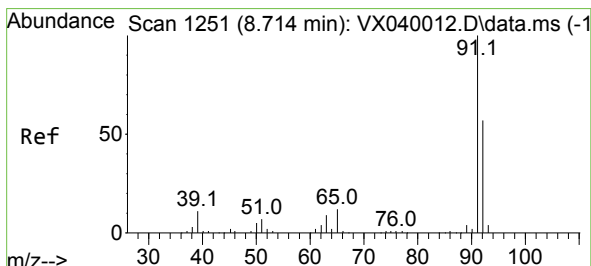
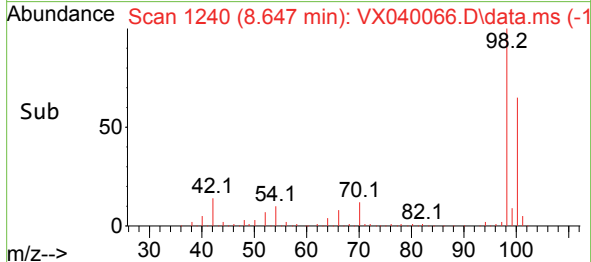
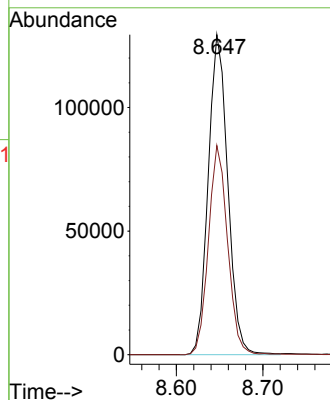
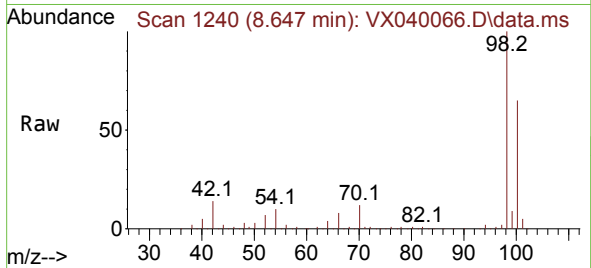




#50
Toluene-d8
Concen: 49.966 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

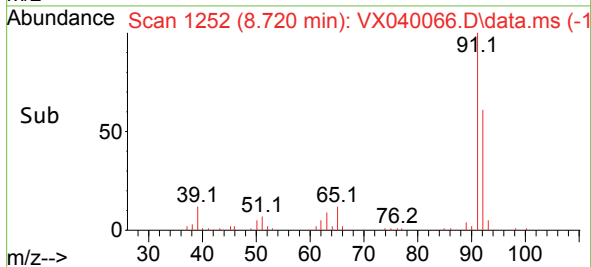
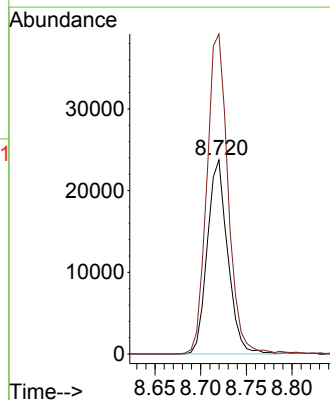
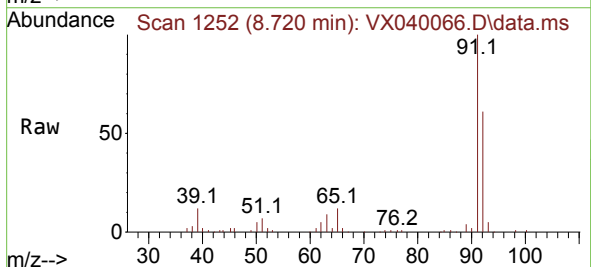
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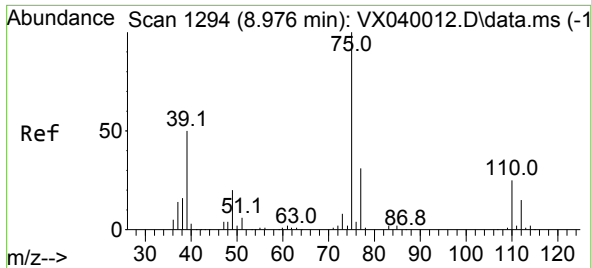
Tgt Ion: 98 Resp: 202873
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#52
Toluene
Concen: 12.920 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

Tgt Ion: 92 Resp: 36827
Ion Ratio Lower Upper
92 100
91 170.8 134.2 201.2

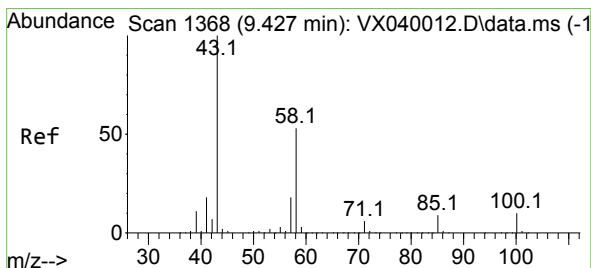
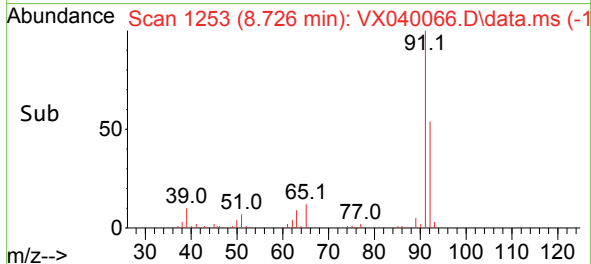
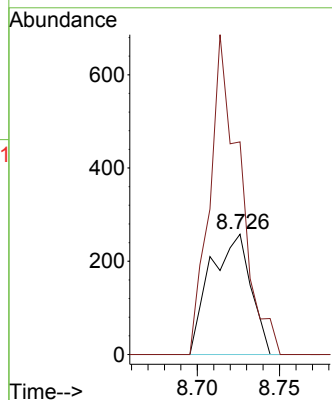
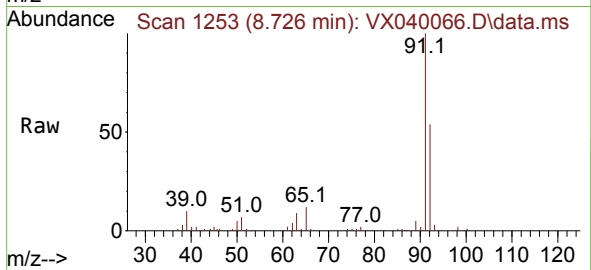




#53
 t-1,3-Dichloropropene
 Concen: 0.263 ug/l
 RT: 8.726 min Scan# 11
 Delta R.T. -0.250 min
 Lab File: VX040066.D
 Acq: 01 Feb 2024 13:15

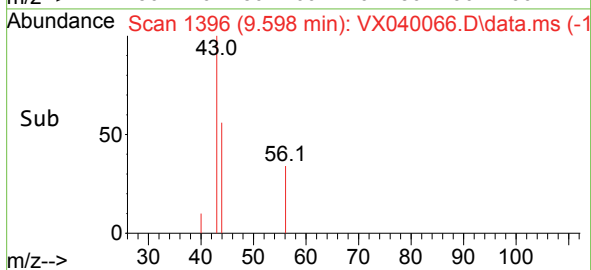
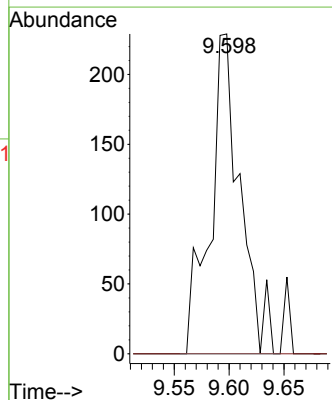
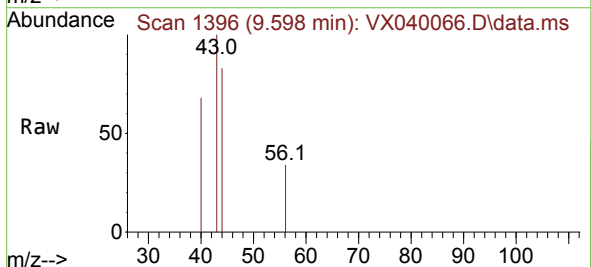
Instrument :
 MSVOA_X
 ClientSampleId :
 NWV-2005

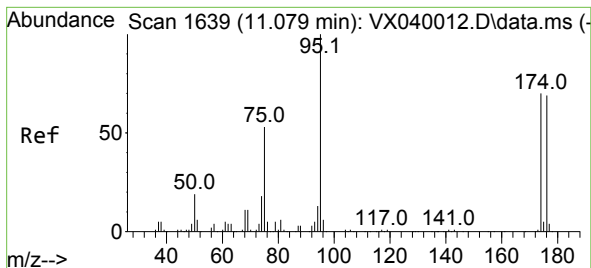
Tgt Ion: 75 Resp: 441
 Ion Ratio Lower Upper
 75 100
 77 176.7 25.7 38.5#



#59
 2-Hexanone
 Concen: 0.297 ug/l
 RT: 9.598 min Scan# 1396
 Delta R.T. 0.171 min
 Lab File: VX040066.D
 Acq: 01 Feb 2024 13:15

Tgt Ion: 43 Resp: 437
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.2 78.5#

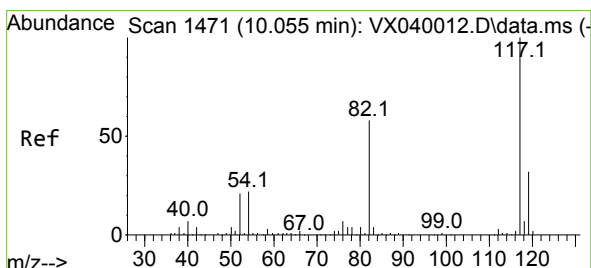
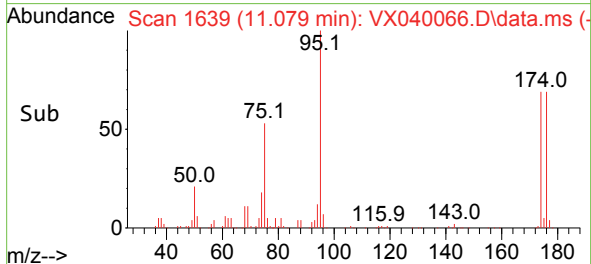
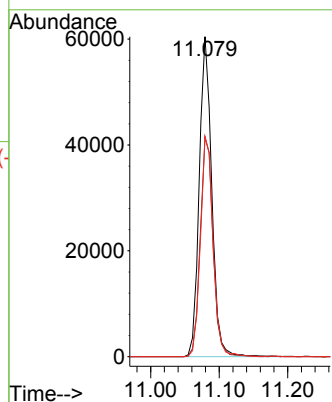
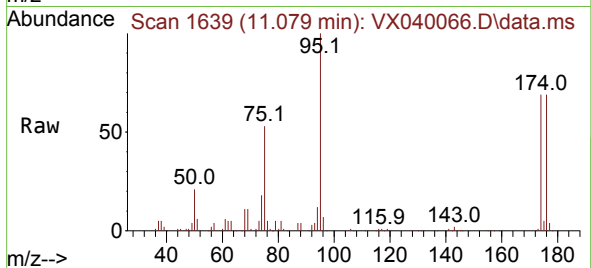




#62
4-Bromofluorobenzene
Concen: 49.187 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

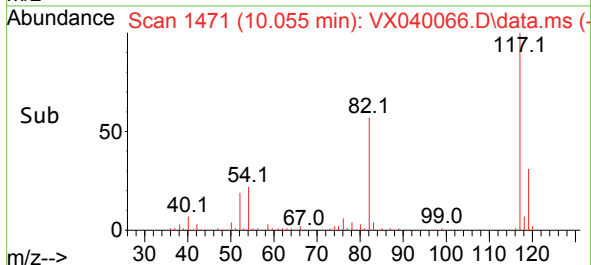
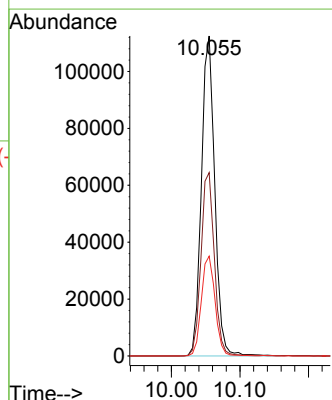
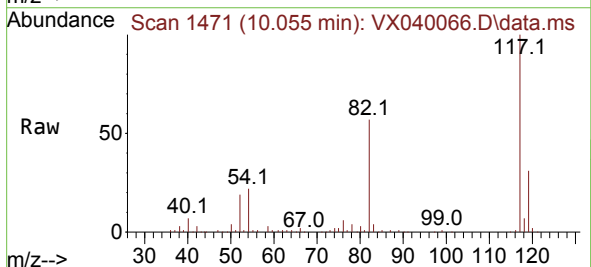
Instrument :
MSVOA_X
ClientSampleId :
NWV-2005

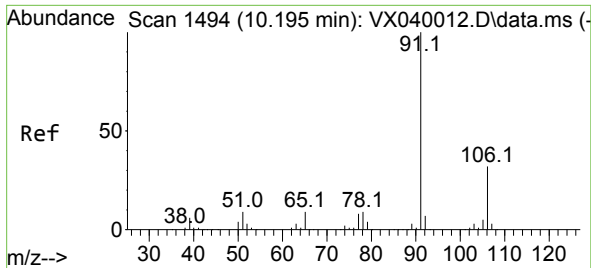
Tgt Ion: 95 Resp: 76899
Ion Ratio Lower Upper
95 100
174 70.2 0.0 135.6
176 69.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

Tgt Ion: 117 Resp: 152790
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 31.2 25.5 38.3

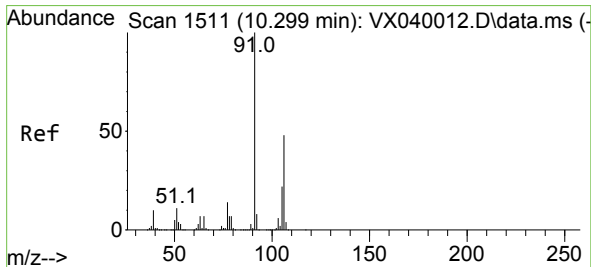
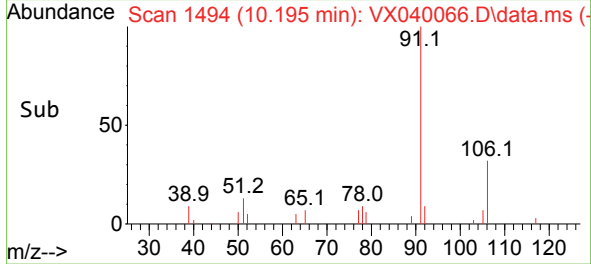
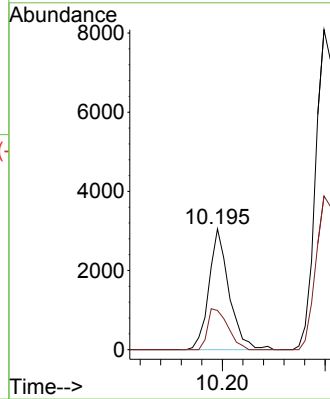
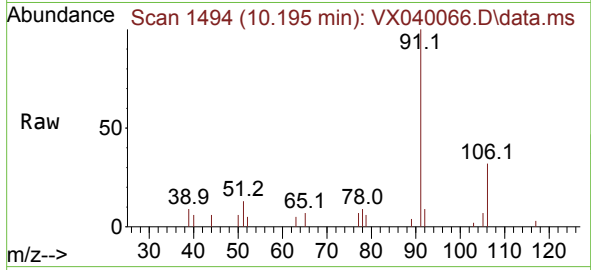




#67
Ethyl Benzene
Concen: 0.731 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

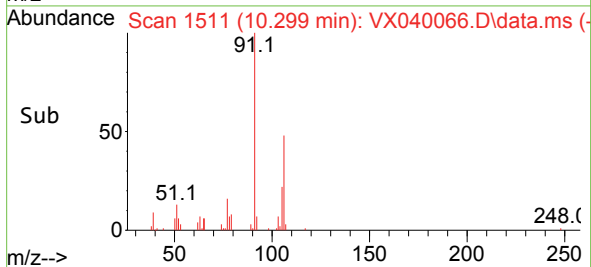
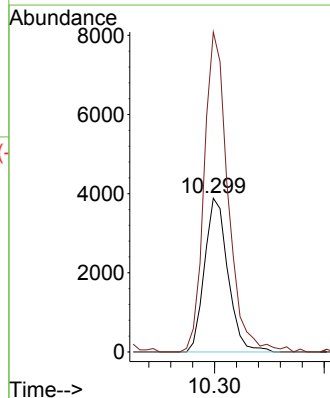
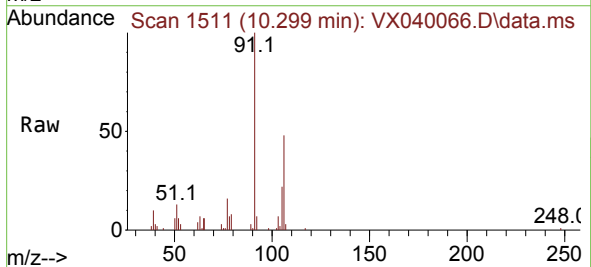
Instrument :
MSVOA_X
ClientSampleId :
NWV-2005

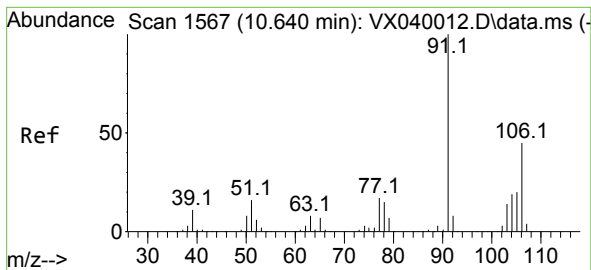
Tgt Ion: 91 Resp: 4142
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3



#68
m/p-Xylenes
Concen: 2.700 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

Tgt Ion: 106 Resp: 5755
Ion Ratio Lower Upper
106 100
91 212.8 165.5 248.3





#69

o-Xylene

Concen: 0.995 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040066.D

Acq: 01 Feb 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

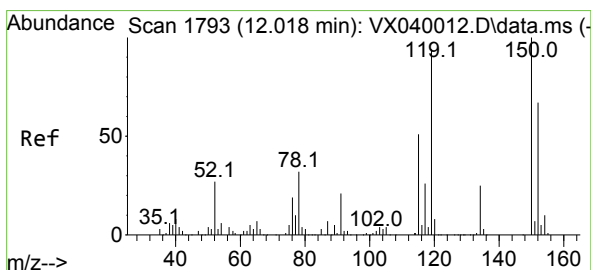
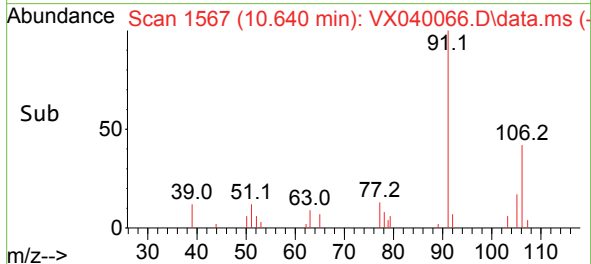
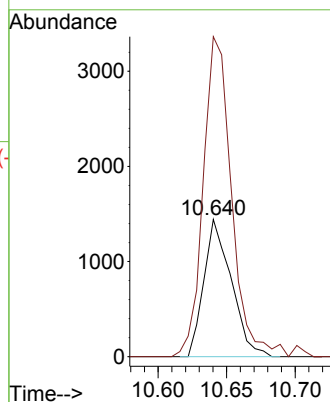
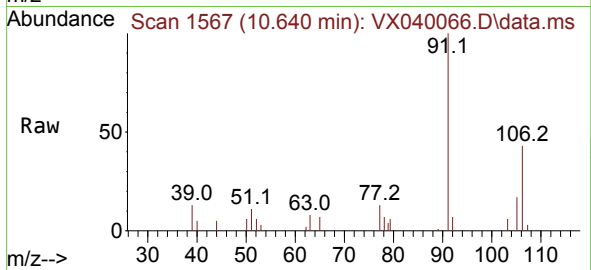
NWV-2005

Tgt Ion:106 Resp: 2012

Ion Ratio Lower Upper

106 100

91 241.2 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040066.D

Acq: 01 Feb 2024 13:15

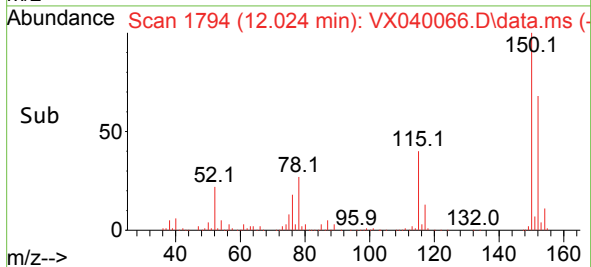
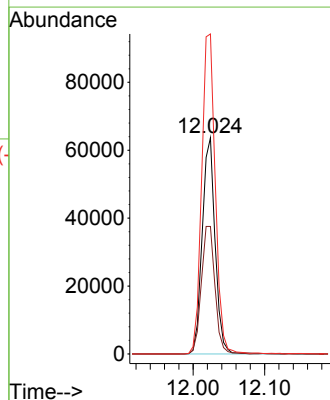
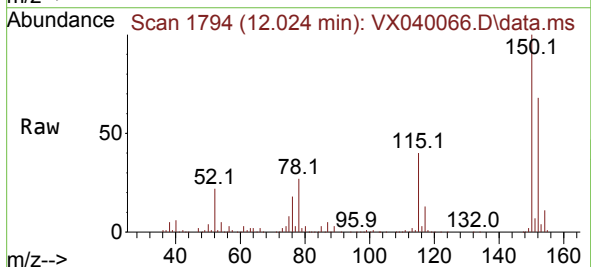
Tgt Ion:152 Resp: 79770

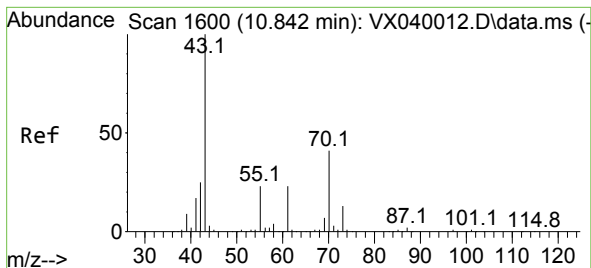
Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 156.2 0.0 345.0





#74

N-amy1 acetate

Concen: 0.215 ug/l

RT: 10.872 min Scan# 1

Delta R.T. 0.030 min

Lab File: VX040066.D

Acq: 01 Feb 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

NWV-2005

Tgt Ion: 43 Resp: 43

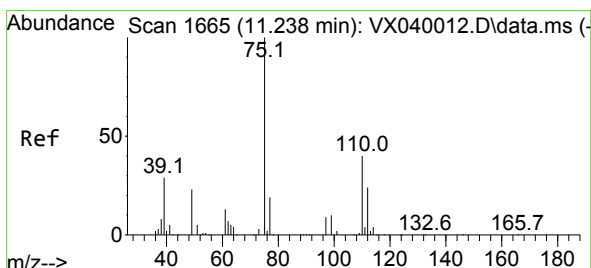
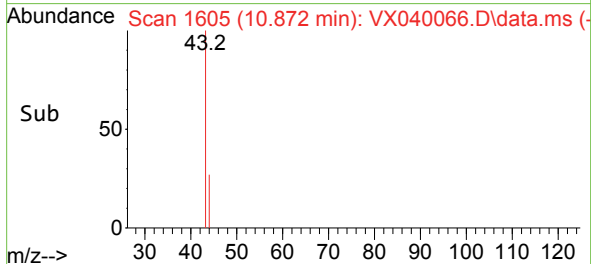
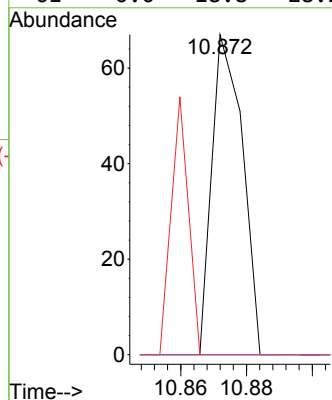
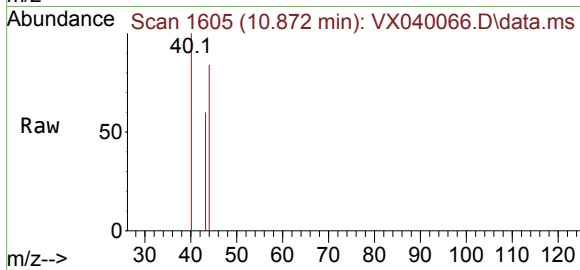
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 46.5 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 23.829 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040066.D

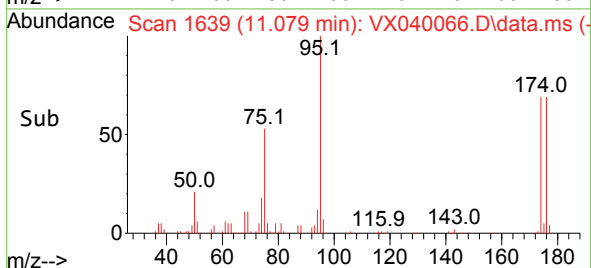
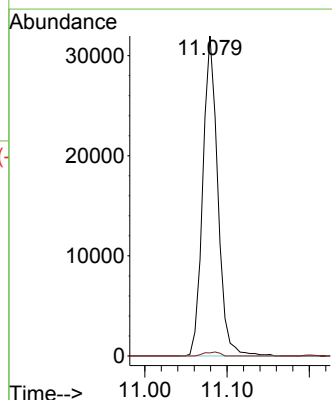
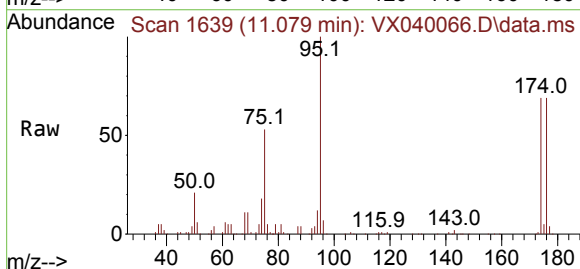
Acq: 01 Feb 2024 13:15

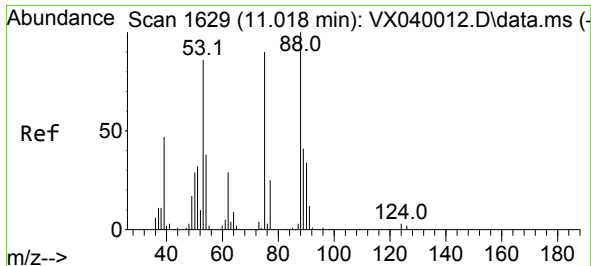
Tgt Ion: 75 Resp: 40478

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

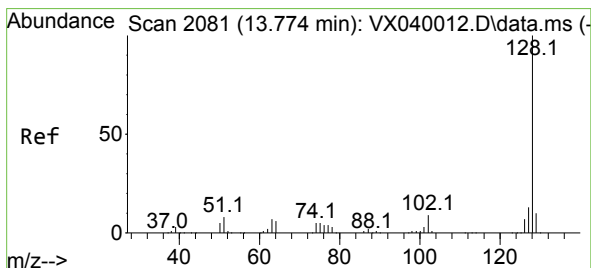
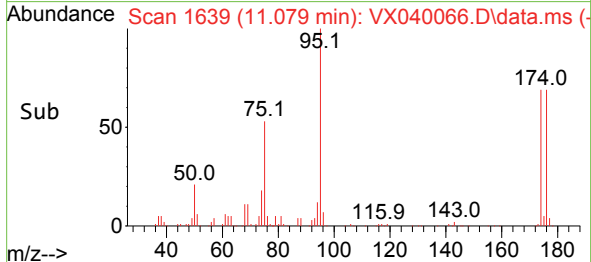
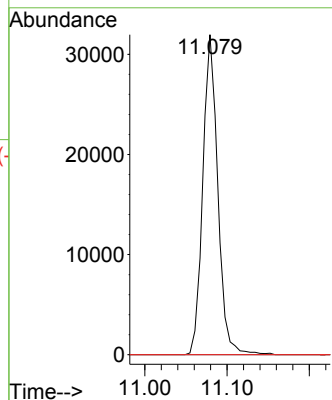
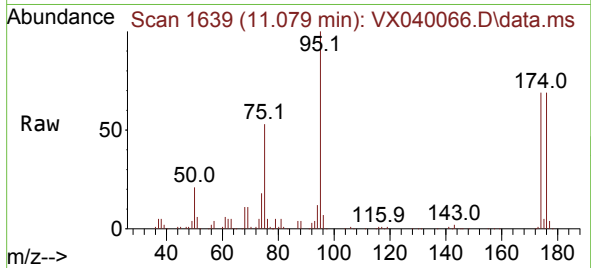




#81
trans-1,4-Dichloro-2-butene
Concen: 70.996 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :
NWV-2005

Tgt Ion: 75 Resp: 40478
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.495 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040066.D
Acq: 01 Feb 2024 13:15

Tgt Ion:128 Resp: 2700
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 9.9 8.8 13.2

