

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052224\
 Data File : VX041590.D
 Acq On : 22 May 2024 10:06
 Operator : JC/MD
 Sample : VX0522WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBL01

Quant Time: May 23 03:36:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	164544	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	247176	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120580	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95050	53.062	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.120%
35) Dibromofluoromethane	5.385	113	78097	46.624	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.240%
50) Toluene-d8	8.647	98	286948	54.124	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.240%
62) 4-Bromofluorobenzene	11.079	95	108545	52.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.780%

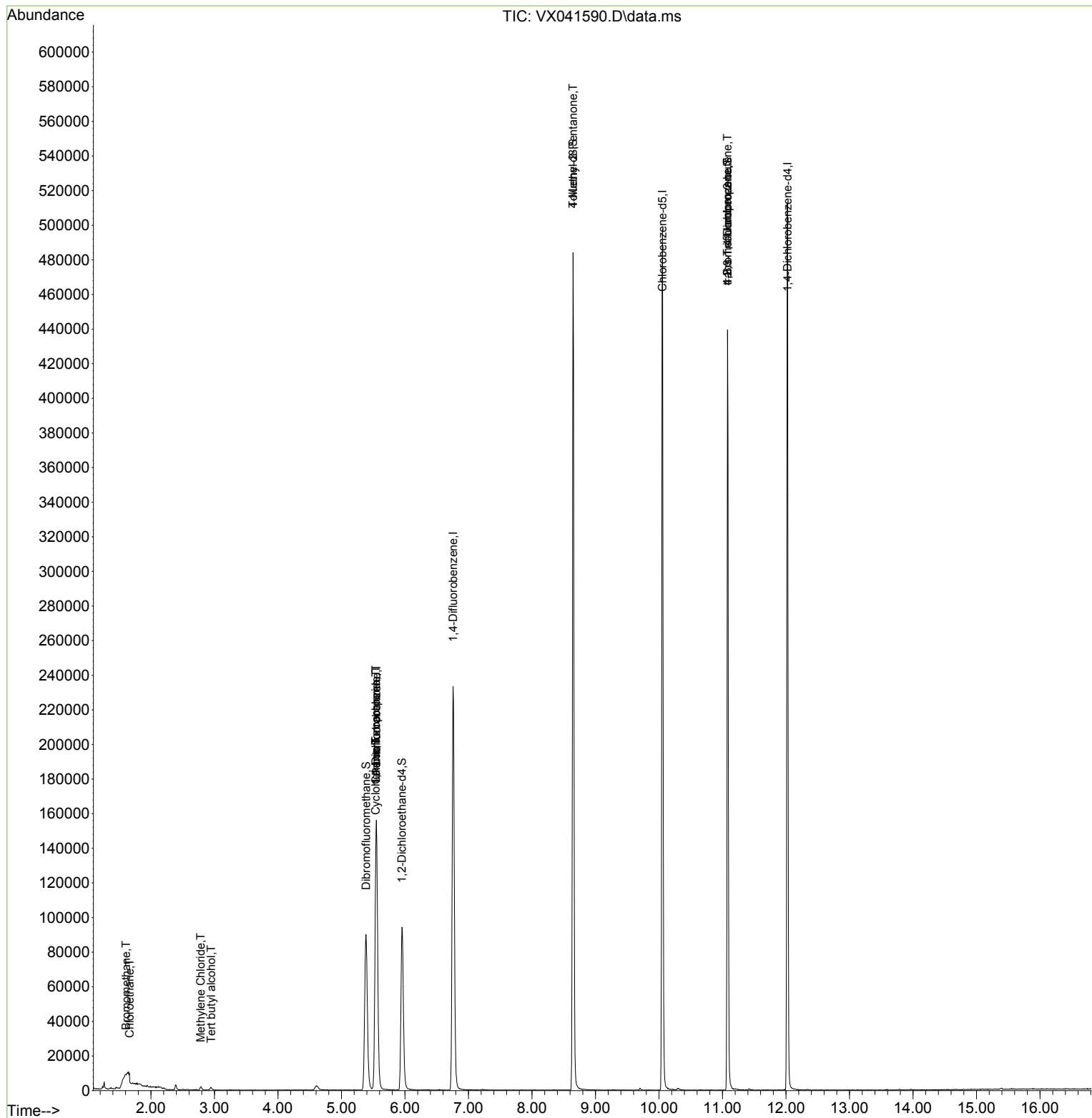
Target Compounds					Qvalue
5) Bromomethane	1.605	94	445	0.532	ug/l # 78
6) Chloroethane	1.666	64	144	0.233	ug/l # 43
11) Tert butyl alcohol	2.947	59	1149	3.205	ug/l # 78
20) Methylene Chloride	2.782	84	1138	0.732	ug/l # 63
31) Cyclohexane	5.538	56	2816	1.303	ug/l # 35
36) 1,1-Dichloropropene	5.544	75	10861	5.423	ug/l # 51
38) Carbon Tetrachloride	5.544	117	15000	6.537	ug/l # 17
51) 4-Methyl-2-Pentanone	8.647	43	1307	0.580	ug/l # 1
76) 1,2,3-Trichloropropane	11.079	75	55485	28.236	ug/l # 39
81) trans-1,4-Dichloro-2-b...	11.079	75	55485	76.910	ug/l # 5

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

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ClientSampleId :
VX0522WBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration

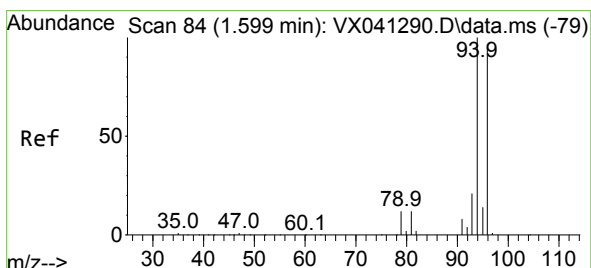
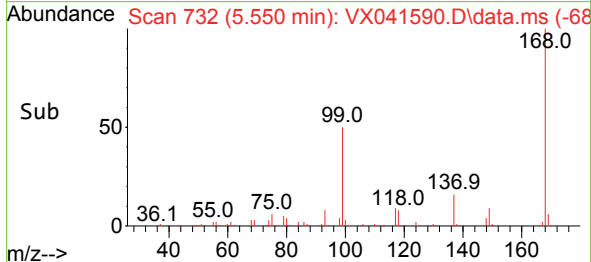
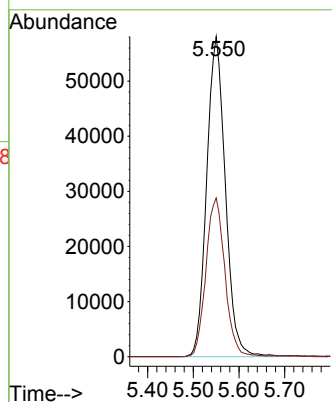
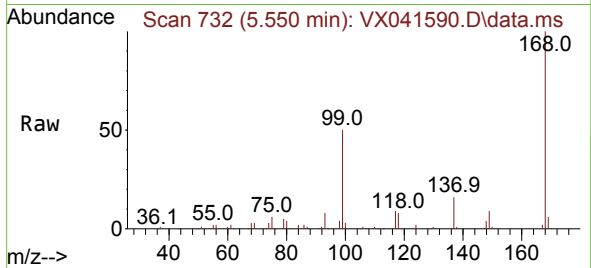




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041590.D
Acq: 22 May 2024 10:06

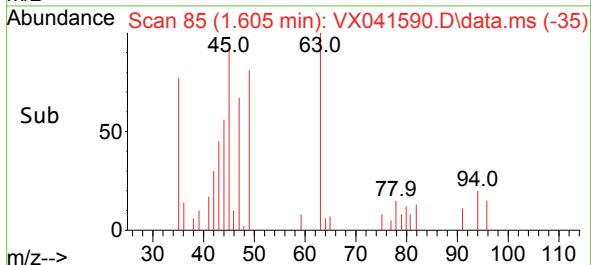
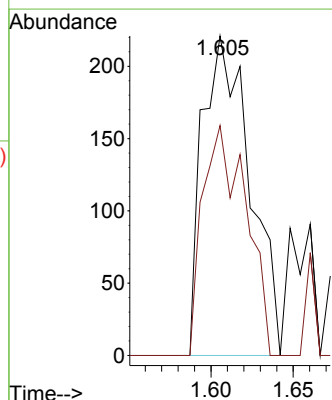
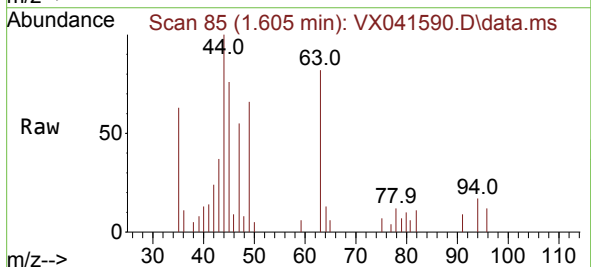
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBL01

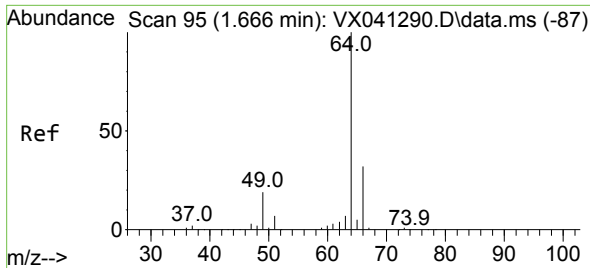
Tgt Ion:168 Resp: 164544
Ion Ratio Lower Upper
168 100
99 49.6 56.6 85.0#



#5
Bromomethane
Concen: 0.532 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX041590.D
Acq: 22 May 2024 10:06

Tgt Ion: 94 Resp: 445
Ion Ratio Lower Upper
94 100
96 71.9 74.6 111.8#

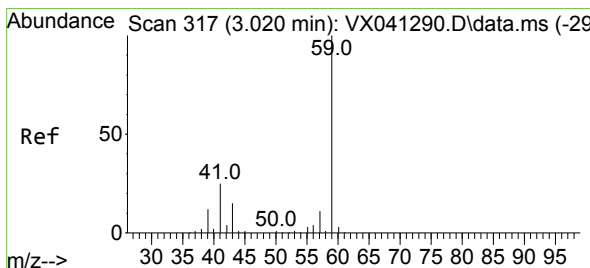
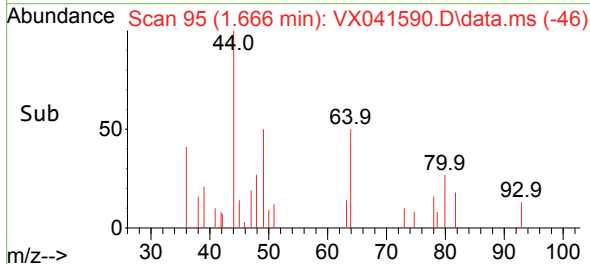
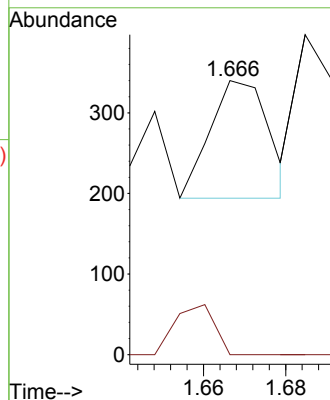
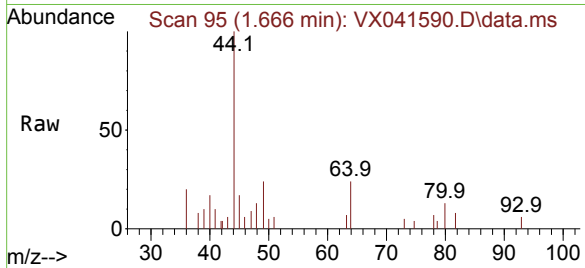




#6
Chloroethane
Concen: 0.233 ug/l
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041590.D
Acq: 22 May 2024 10:06

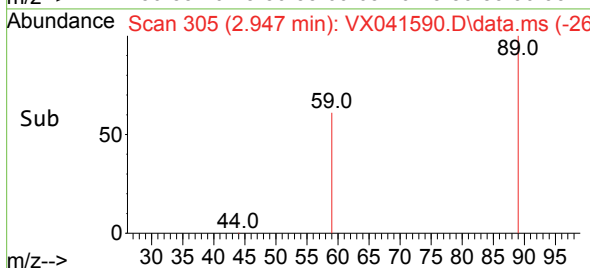
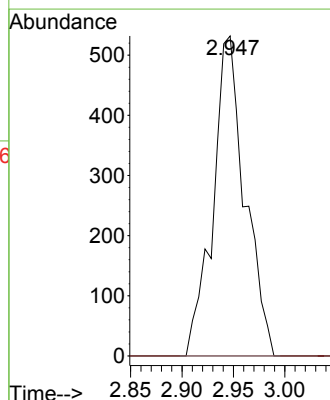
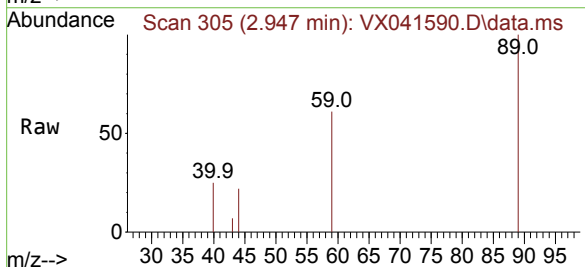
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBL01

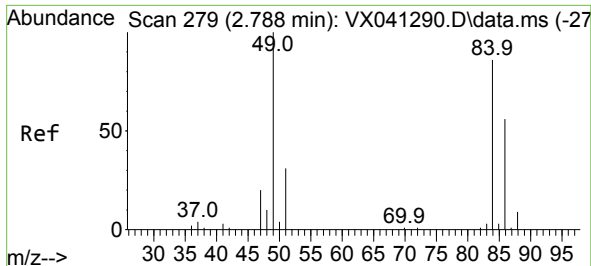
Tgt Ion: 64 Resp: 144
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 3.205 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX041590.D
Acq: 22 May 2024 10:06

Tgt Ion: 59 Resp: 1149
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

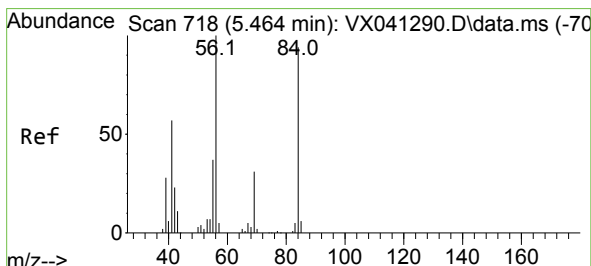
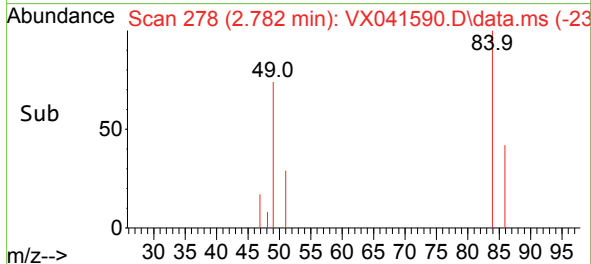
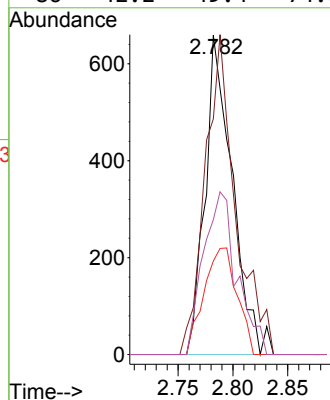
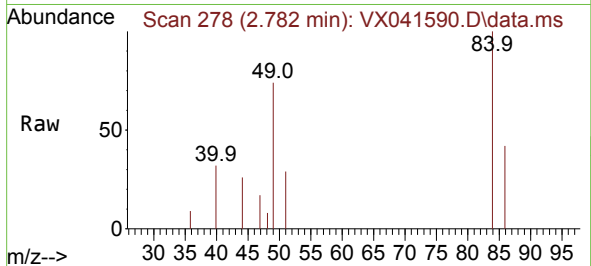




#20
Methylene Chloride
Concen: 0.732 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041590.D
Acq: 22 May 2024 10:06

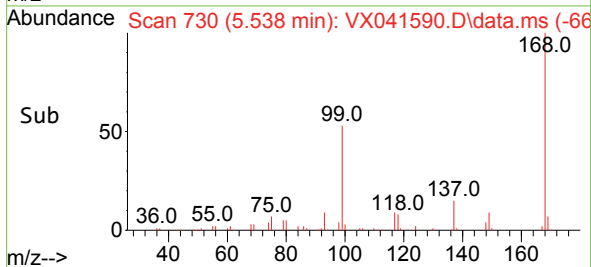
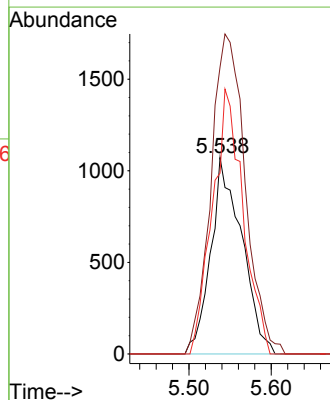
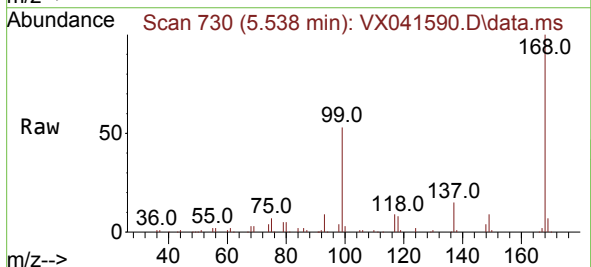
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBL01

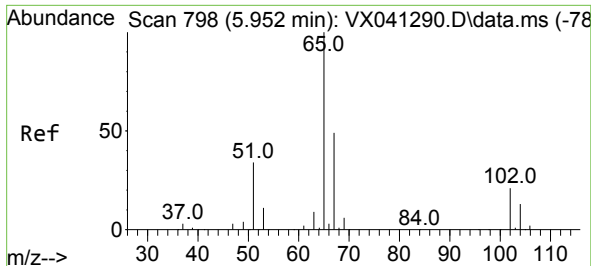
Tgt Ion: 84	Resp: 1138
Ion Ratio	Lower Upper
84 100	
49 73.7	103.6 155.4#
51 29.3	33.8 50.6#
86 42.2	49.4 74.0#



#31
Cyclohexane
Concen: 1.303 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX041590.D
Acq: 22 May 2024 10:06

Tgt Ion: 56	Resp: 2816
Ion Ratio	Lower Upper
56 100	
69 145.9	23.4 35.2#
84 92.0	65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 53.062 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041590.D

Acq: 22 May 2024 10:06

Instrument :

MSVOA_X

ClientSampleId :

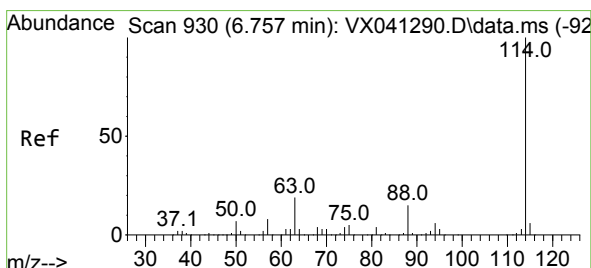
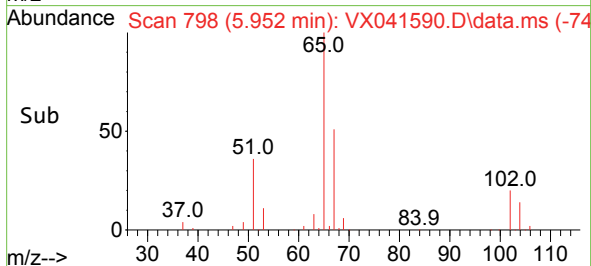
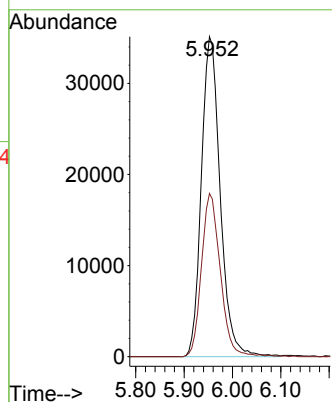
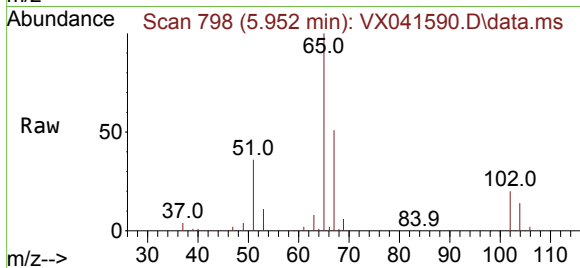
VX0522WBL01

Tgt Ion: 65 Resp: 95050

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041590.D

Acq: 22 May 2024 10:06

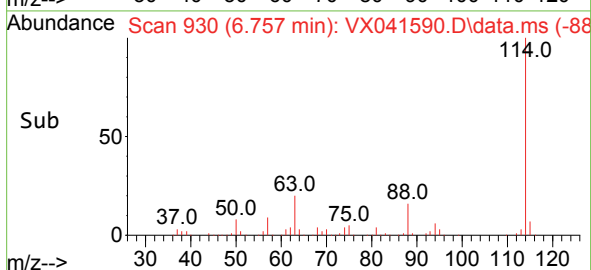
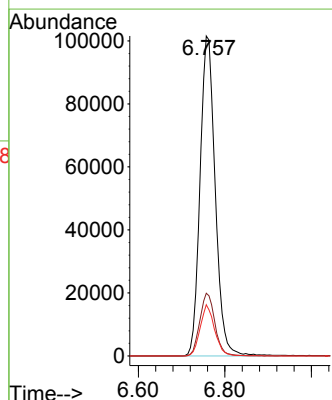
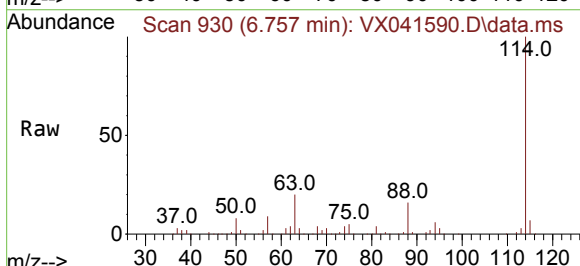
Tgt Ion: 114 Resp: 247176

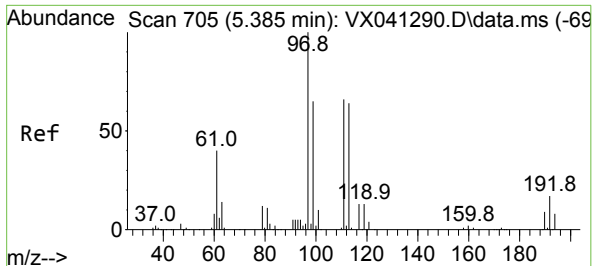
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 16.0 0.0 36.6

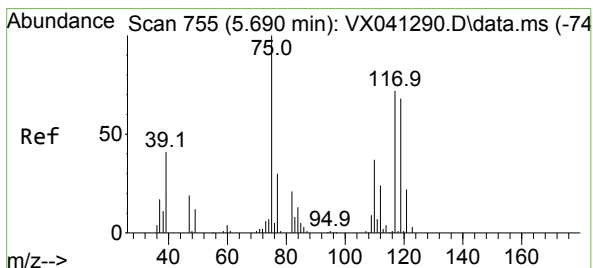
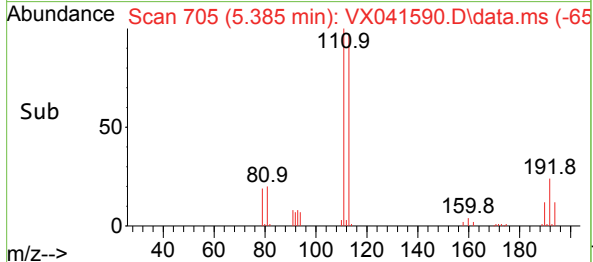
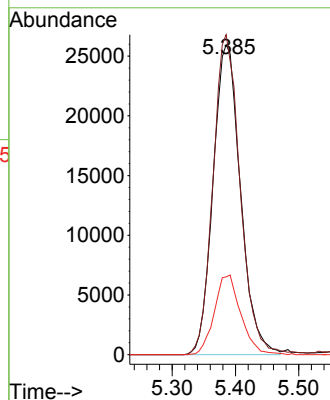
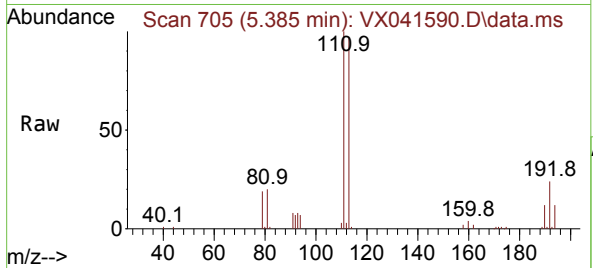




#35
Dibromofluoromethane
Concen: 46.624 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041590.D
Acq: 22 May 2024 10:06

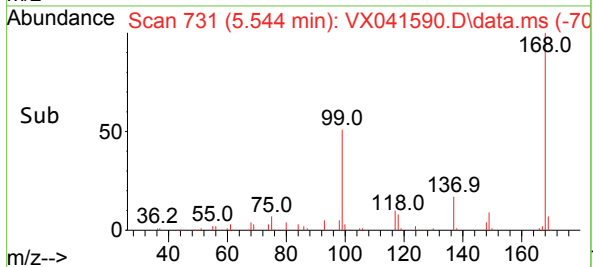
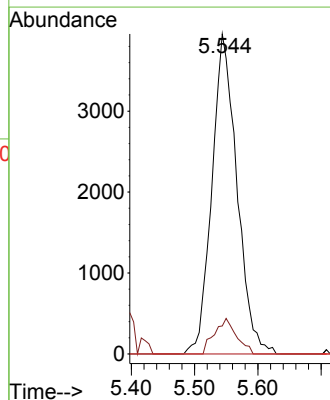
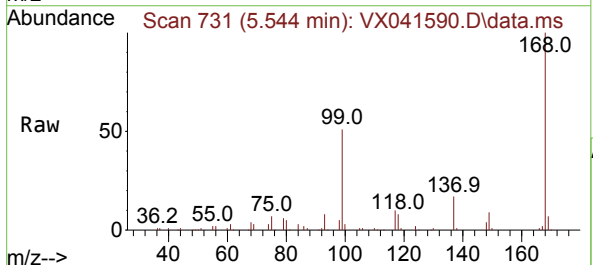
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBL01

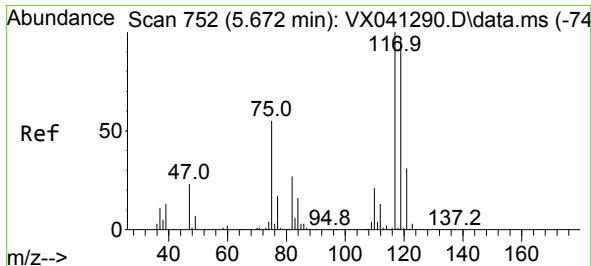
Tgt Ion:113 Resp: 78097
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 24.8 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.423 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041590.D
Acq: 22 May 2024 10:06

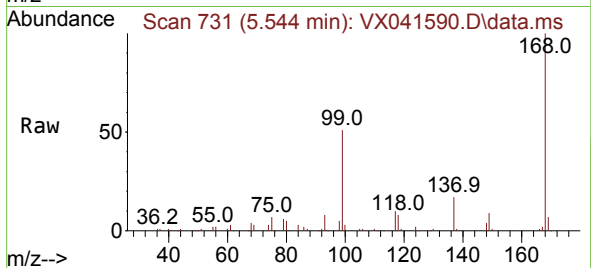
Tgt Ion: 75 Resp: 10861
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



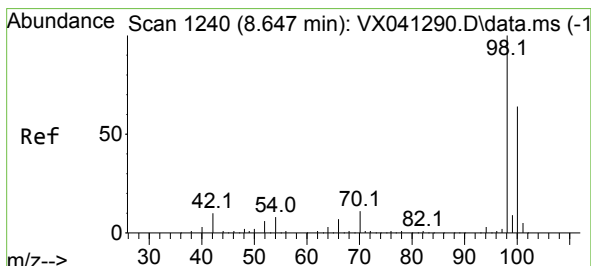
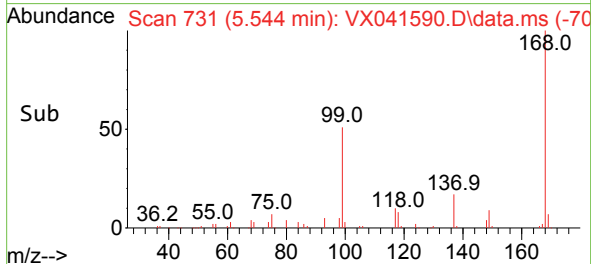
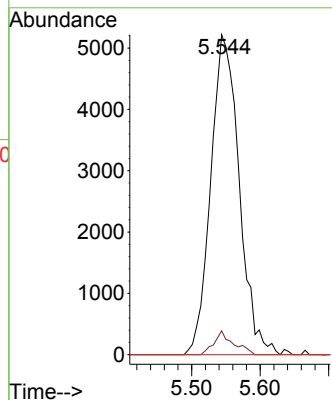


#38
Carbon Tetrachloride
Concen: 6.537 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041590.D
Acq: 22 May 2024 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBL01

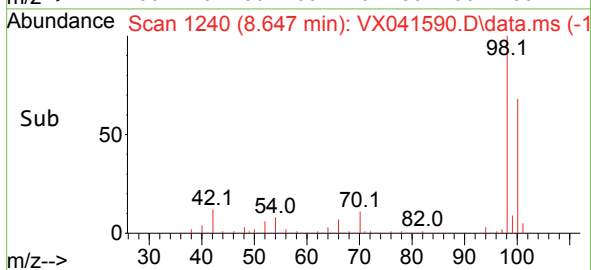
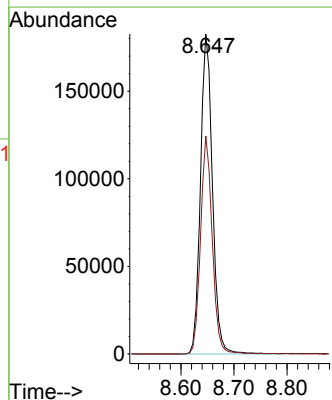
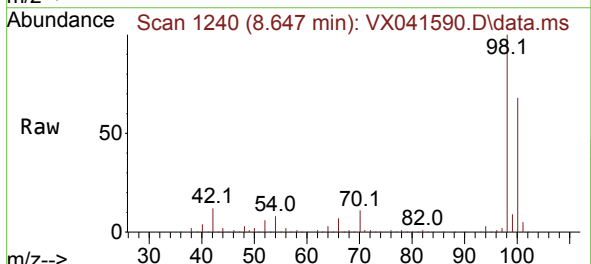


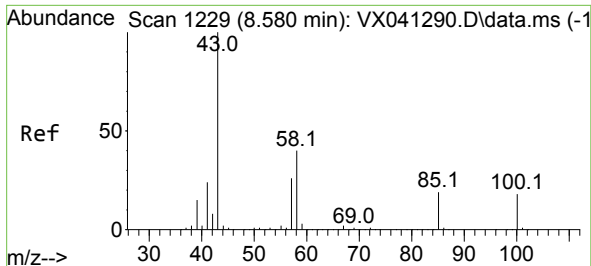
Tgt Ion:117 Resp: 15000
Ion Ratio Lower Upper
117 100
119 7.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 54.124 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041590.D
Acq: 22 May 2024 10:06

Tgt Ion: 98 Resp: 286948
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

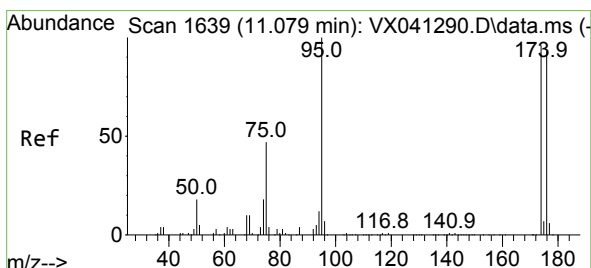
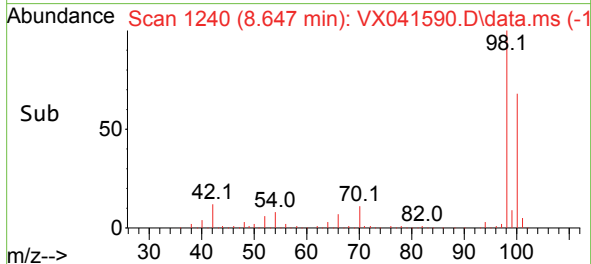
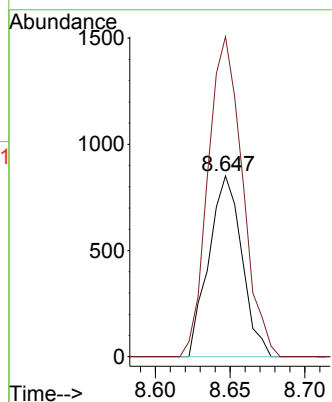
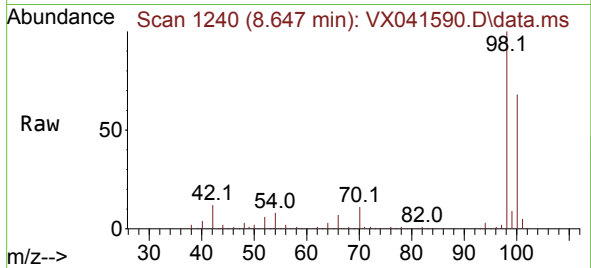




#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041590.D
Acq: 22 May 2024 10:06

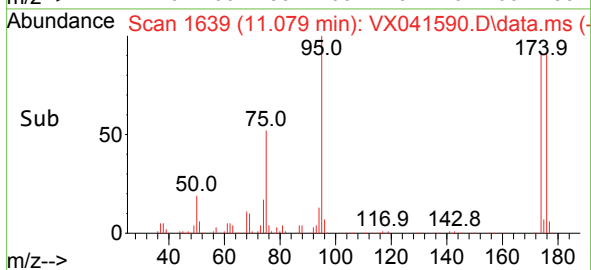
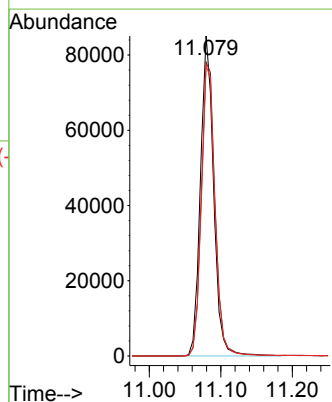
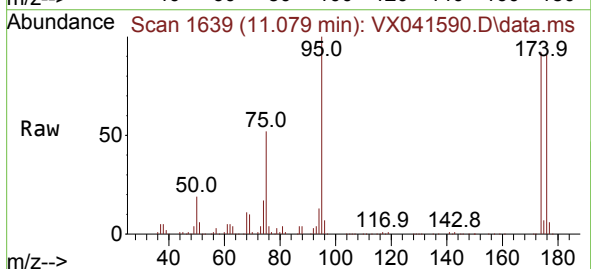
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBL01

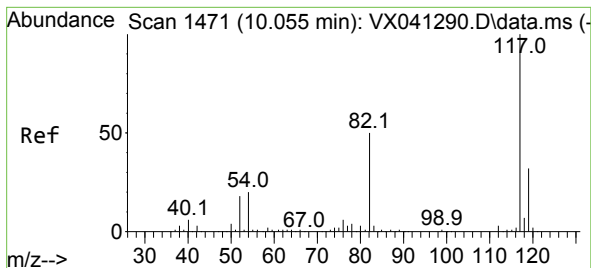
Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
58 184.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 52.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041590.D
Acq: 22 May 2024 10:06

Tgt Ion: 95 Resp: 108545
Ion Ratio Lower Upper
95 100
174 97.2 0.0 135.6
176 93.8 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: VX041590.D

Acq: 22 May 2024 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBL01

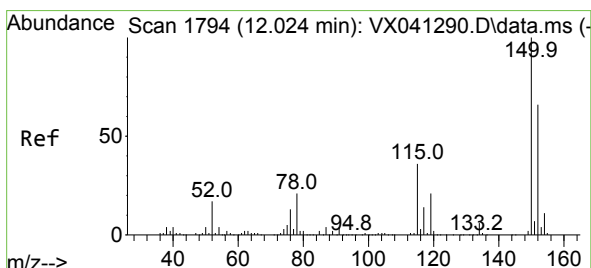
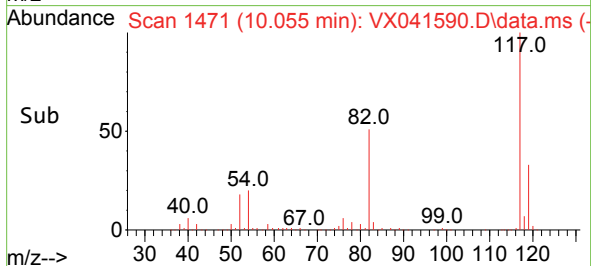
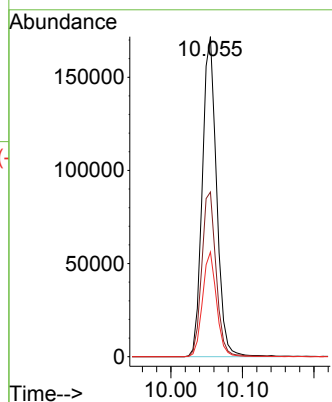
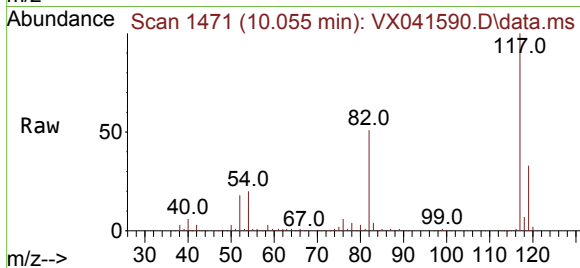
Tgt Ion:117 Resp: 238362

Ion Ratio Lower Upper

117 100

82 51.5 46.2 69.4

119 32.7 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: VX041590.D

Acq: 22 May 2024 10:06

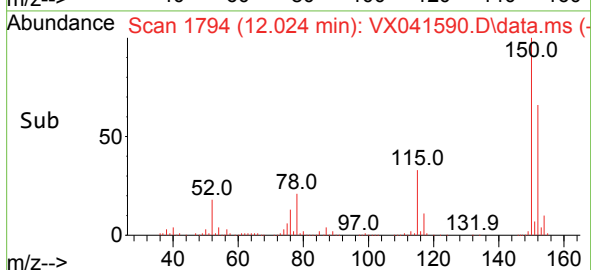
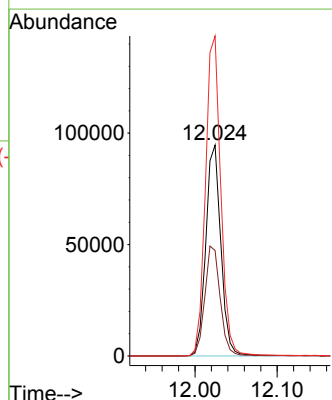
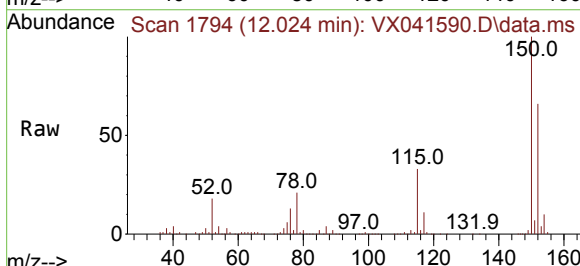
Tgt Ion:152 Resp: 120580

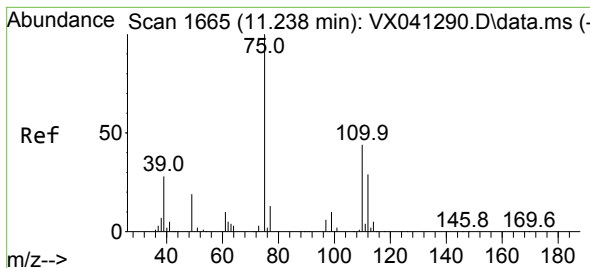
Ion Ratio Lower Upper

152 100

115 53.4 43.3 129.9

150 154.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.236 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX041590.D

Acq: 22 May 2024 10:06

Instrument :

MSVOA_X

ClientSampleId :

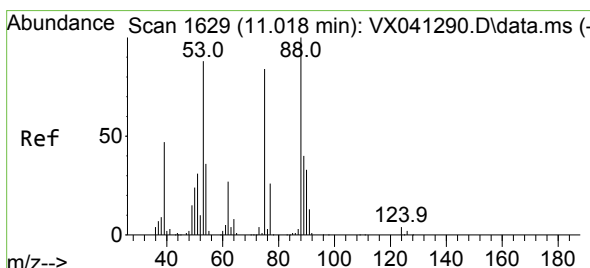
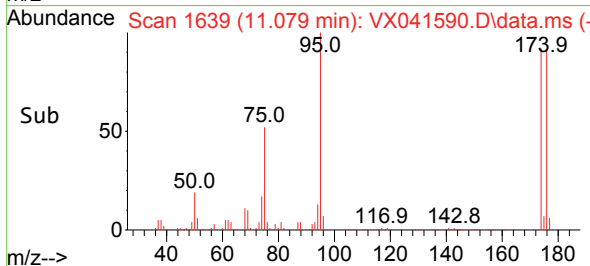
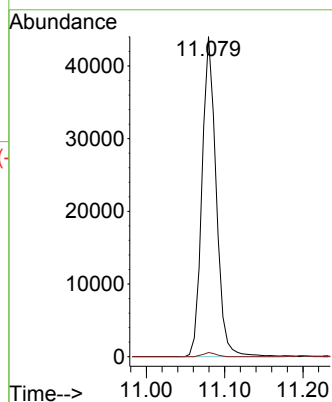
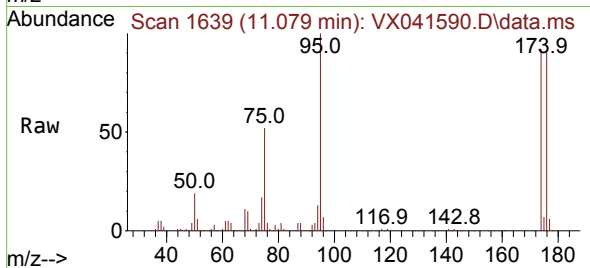
VX0522WBL01

Tgt Ion: 75 Resp: 55485

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.910 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041590.D

Acq: 22 May 2024 10:06

Tgt Ion: 75 Resp: 55485

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

