

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050824\
 Data File : VX041420.D
 Acq On : 08 May 2024 15:06
 Operator : JC/MD
 Sample : P2418-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

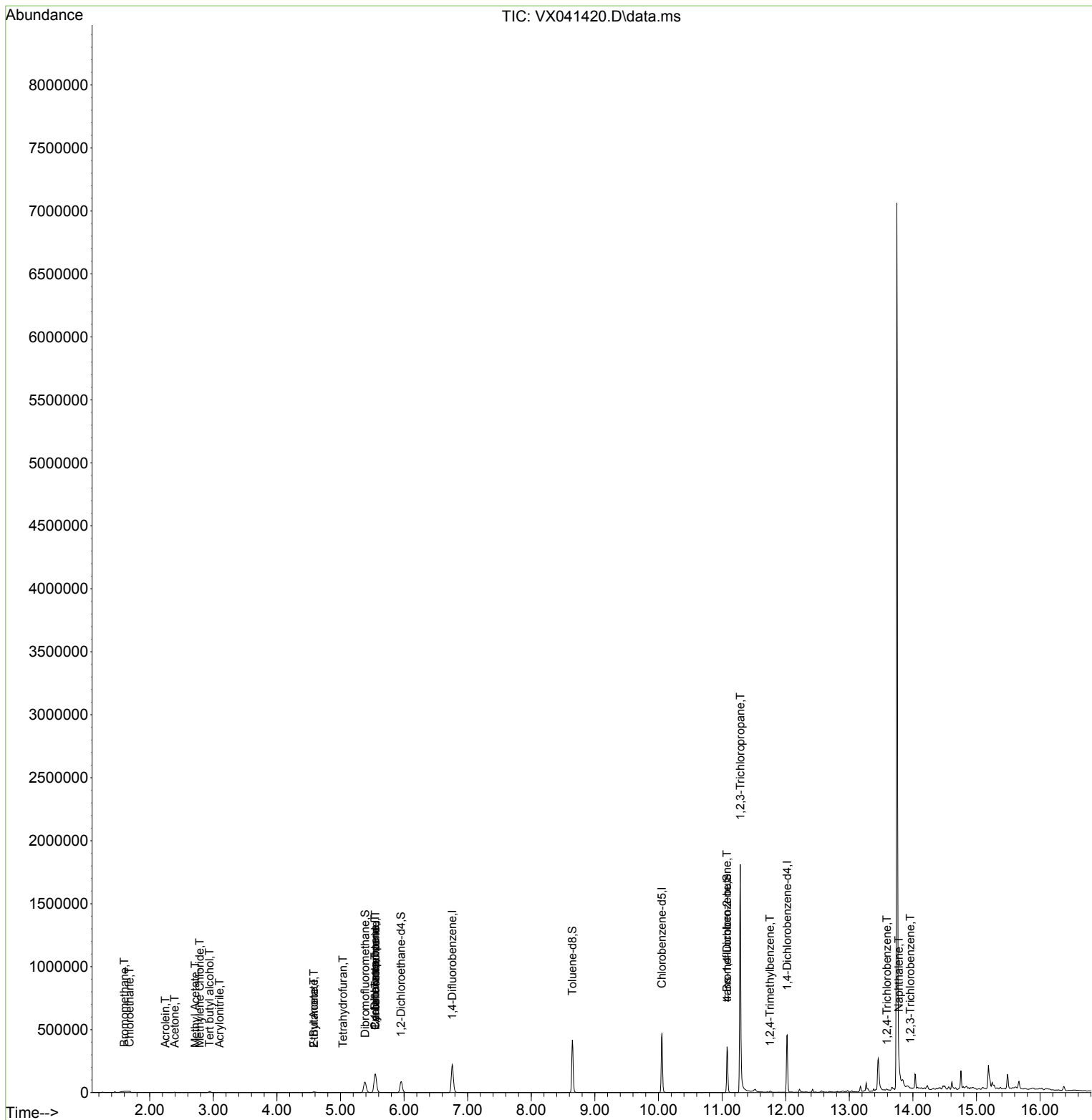
Quant Time: May 09 05:33:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

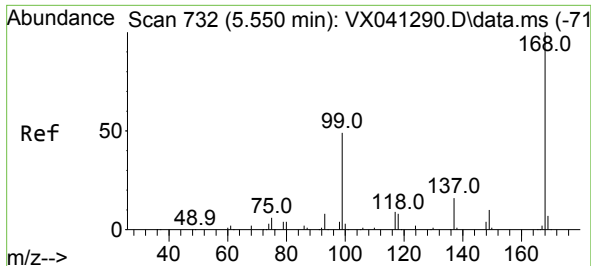
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	159957	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	236397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88922	51.065	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.120%
35) Dibromofluoromethane	5.385	113	73161	45.669	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.647	98	247020	48.718	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.440%
62) 4-Bromofluorobenzene	11.079	95	88933	45.309	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.620%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	520	0.640	ug/l	99
6) Chloroethane	1.685	64	260	0.432	ug/l	# 43
11) Tert butyl alcohol	2.940	59	6117	17.551	ug/l	# 80
13) Acrolein	2.245	56	70	0.253	ug/l	# 14
15) Acrylonitrile	3.099	53	277	0.348	ug/l	# 17
16) Acetone	2.392	43	3563	0.747	ug/l	# 84
18) Methyl Acetate	2.715	43	608	0.341	ug/l	# 78
20) Methylene Chloride	2.788	84	726	0.480	ug/l	89
25) 2-Butanone	4.580	43	11876	10.537	ug/l	95
29) Tetrahydrofuran	5.038	42	296	0.402	ug/l	# 41
31) Cyclohexane	5.544	56	2614	1.244	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	10458	5.459	ug/l	# 52
37) Ethyl Acetate	4.580	43	11876	4.969	ug/l	# 69
38) Carbon Tetrachloride	5.550	117	14069	6.411	ug/l	# 14
76) 1,2,3-Trichloropropane	11.286	75	26702	15.402	ug/l	# 41
81) trans-1,4-Dichloro-2-b...	11.079	75	45955	72.203	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	3078	0.578	ug/l	# 40
93) 1,2,4-Trichlorobenzene	13.591	180	636	0.259	ug/l	# 72
95) Naphthalene	13.780	128	7946	1.090	ug/l	# 81
96) 1,2,3-Trichlorobenzene	13.963	180	976	0.388	ug/l	# 69

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

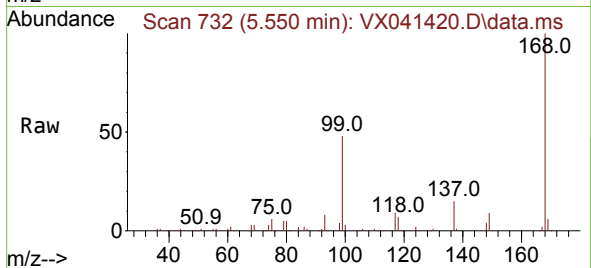
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Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



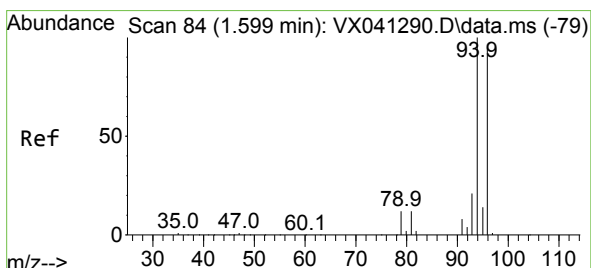
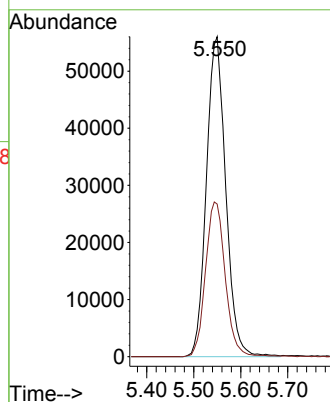
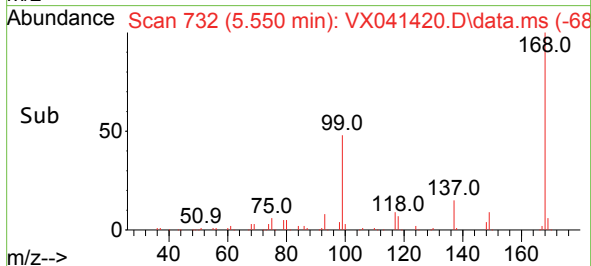


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :

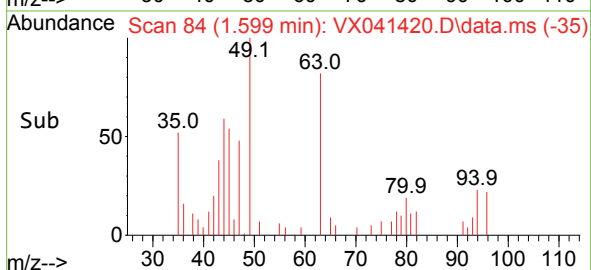
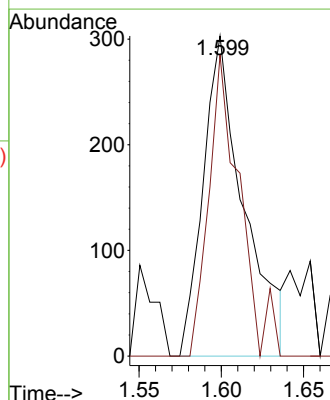
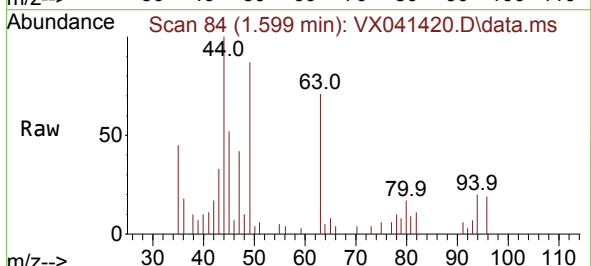


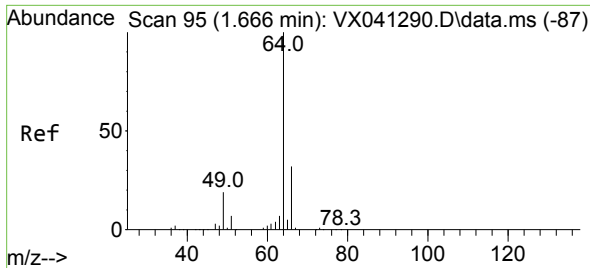
Tgt Ion:168 Resp: 159957
Ion Ratio Lower Upper
168 100
99 47.7 56.6 85.0#



#5
Bromomethane
Concen: 0.640 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06

Tgt Ion: 94 Resp: 520
Ion Ratio Lower Upper
94 100
96 94.1 74.6 111.8

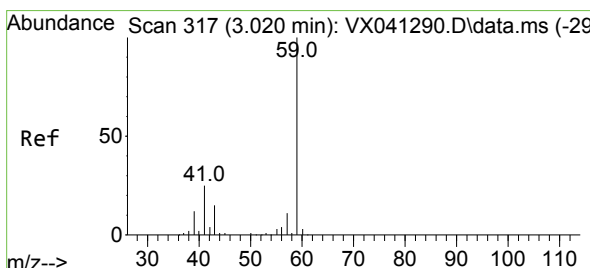
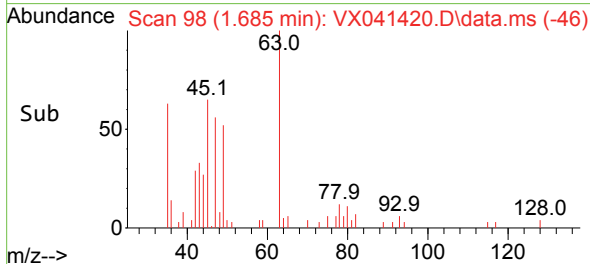
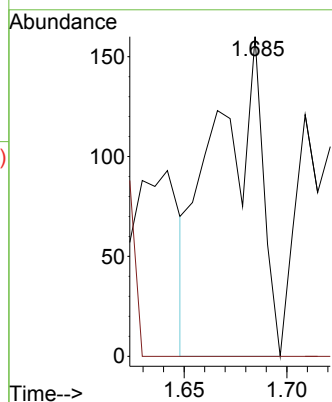
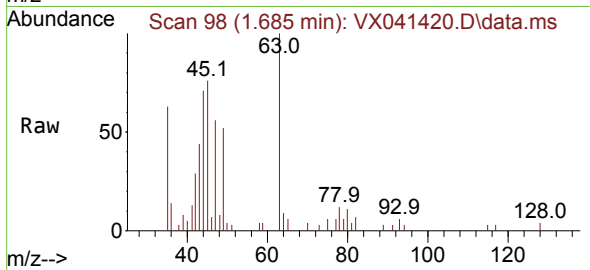




#6
Chloroethane
Concen: 0.432 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06

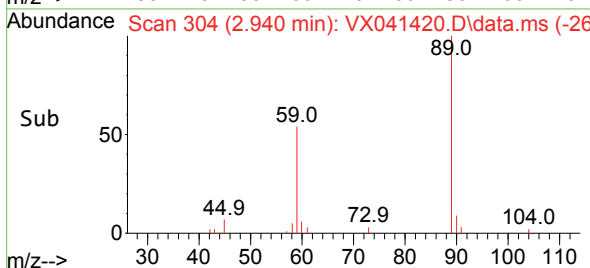
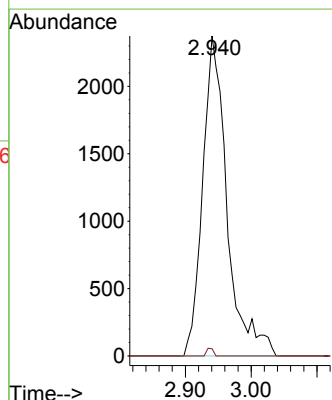
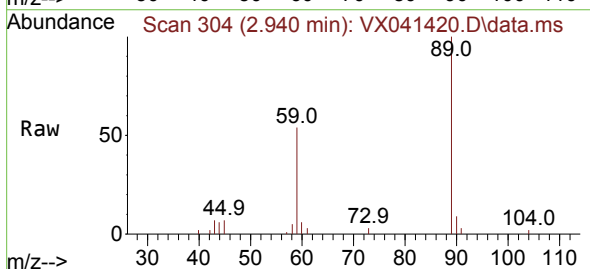
Instrument :
MSVOA_X
ClientSampleId :

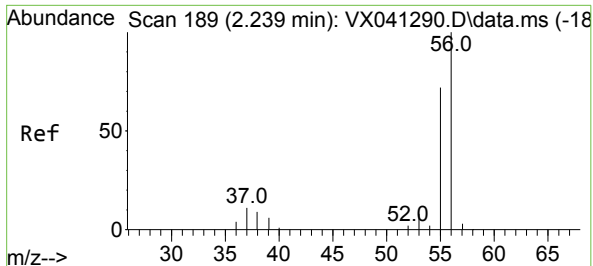
Tgt Ion: 64 Resp: 260
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 17.551 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06

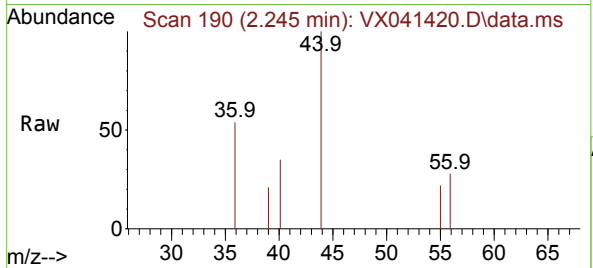
Tgt Ion: 59 Resp: 6117
Ion Ratio Lower Upper
59 100
57 0.7 6.0 9.0#



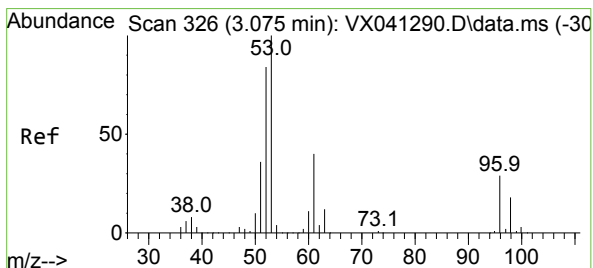
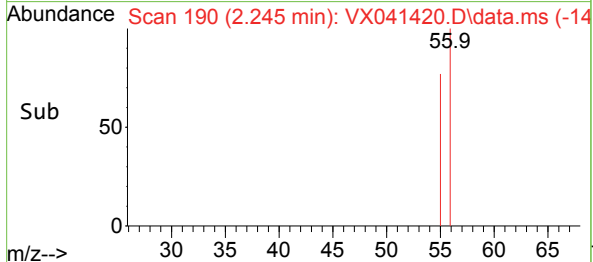
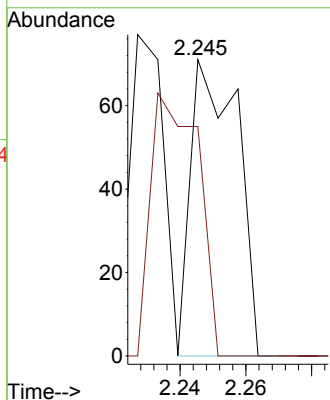


#13
Acrolein
Concen: 0.253 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :

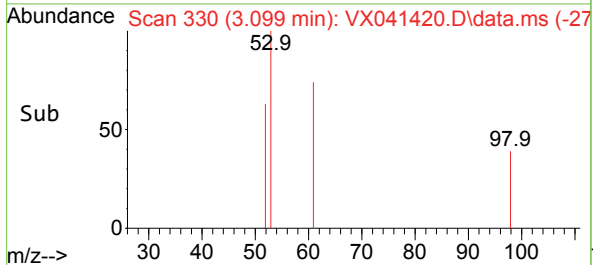
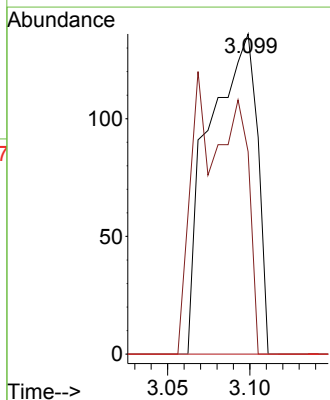
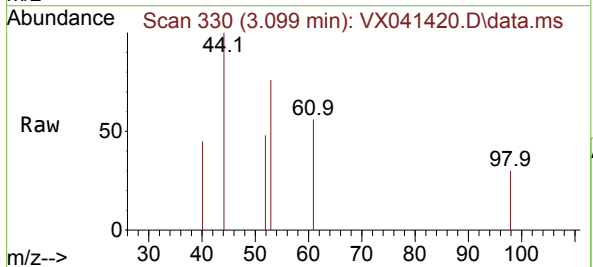


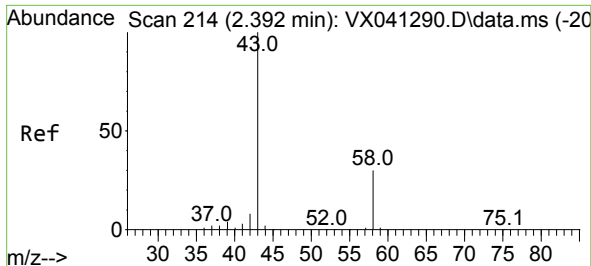
Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#15
Acrylonitrile
Concen: 0.348 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.024 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06

Tgt Ion: 53 Resp: 277
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 0.0 29.8 44.6#

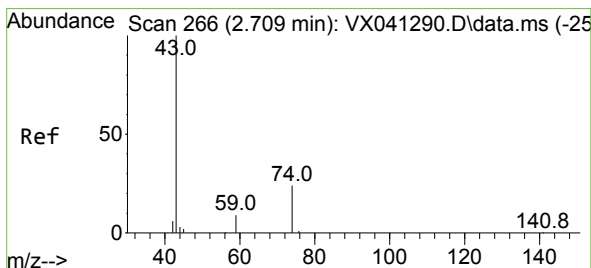
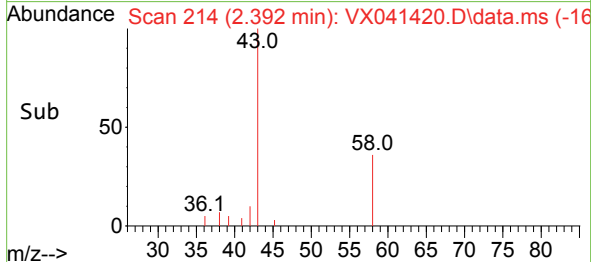
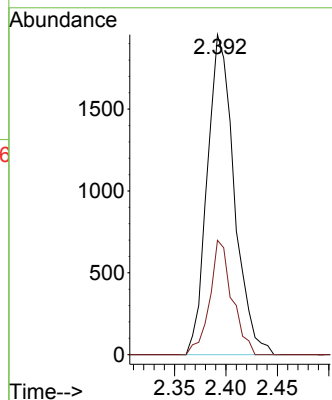
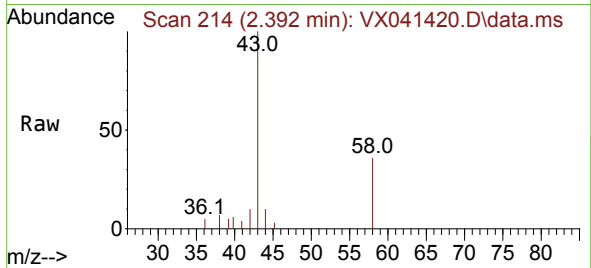




#16
Acetone
Concen: 0.747 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06

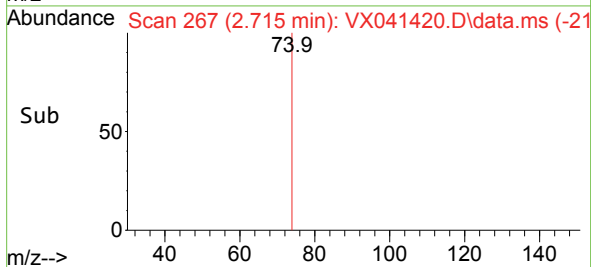
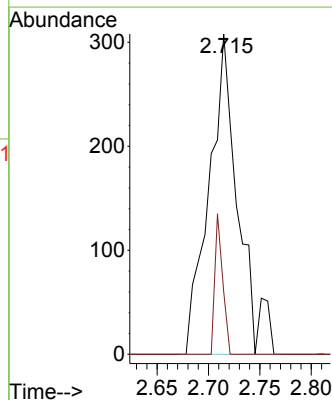
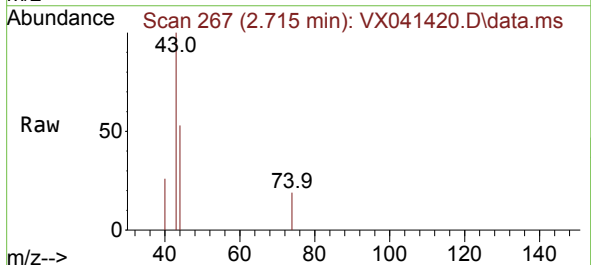
Instrument :
MSVOA_X
ClientSampleId :

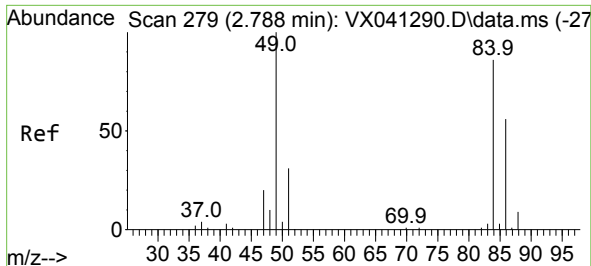
Tgt Ion: 43 Resp: 3563
Ion Ratio Lower Upper
43 100
58 35.8 21.9 32.9#



#18
Methyl Acetate
Concen: 0.341 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06

Tgt Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
74 11.7 17.8 26.8#





#20

Methylene Chloride

Concen: 0.480 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

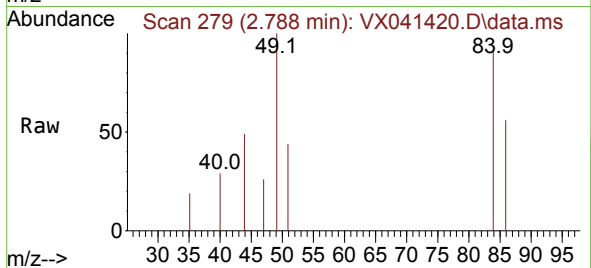
Lab File: VX041420.D

Acq: 08 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 726

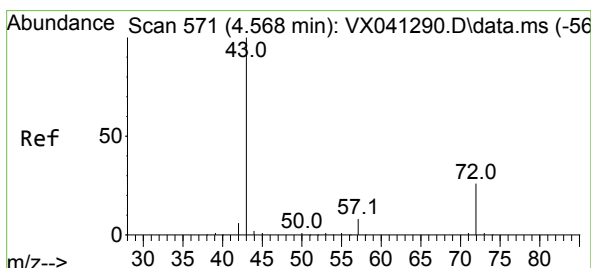
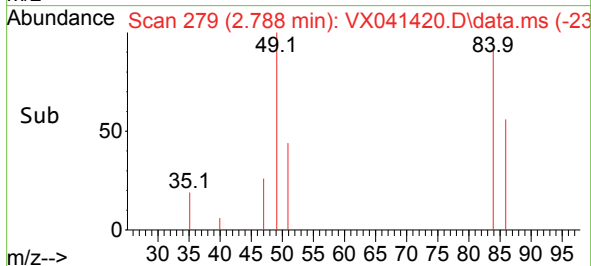
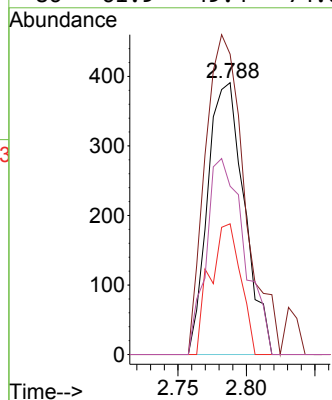
Ion Ratio Lower Upper

84 100

49 110.5 103.6 155.4

51 48.1 33.8 50.6

86 61.9 49.4 74.0



#25

2-Butanone

Concen: 10.537 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX041420.D

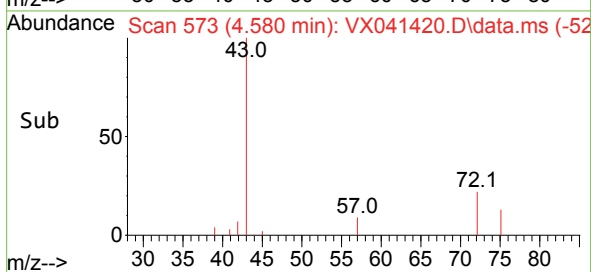
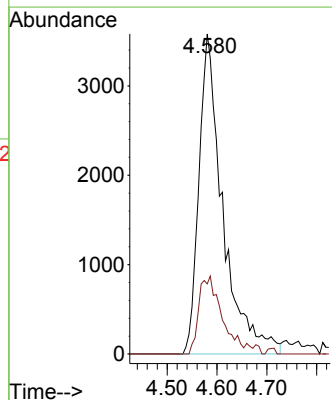
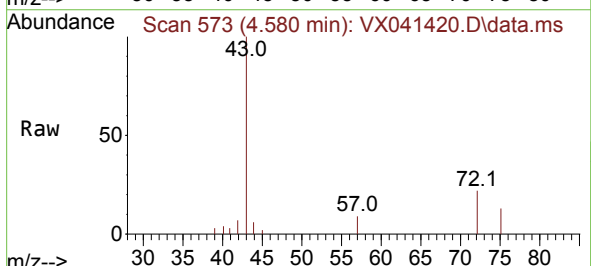
Acq: 08 May 2024 15:06

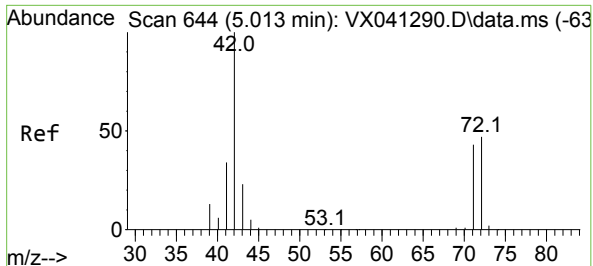
Tgt Ion: 43 Resp: 11876

Ion Ratio Lower Upper

43 100

72 21.9 19.4 29.2





#29

Tetrahydrofuran

Concen: 0.402 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.024 min

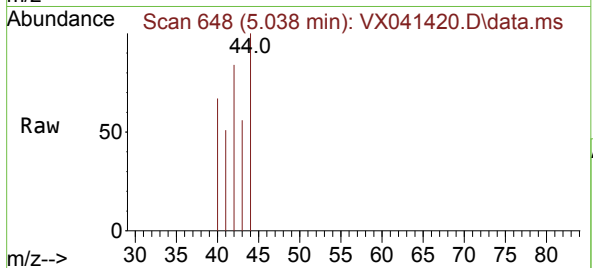
Lab File: VX041420.D

Acq: 08 May 2024 15:06

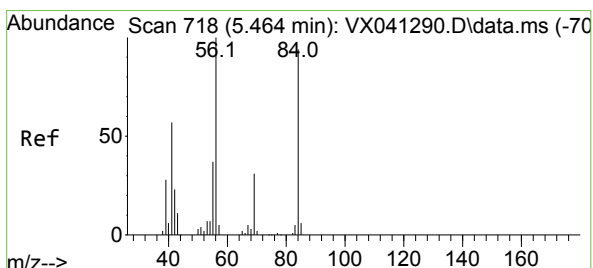
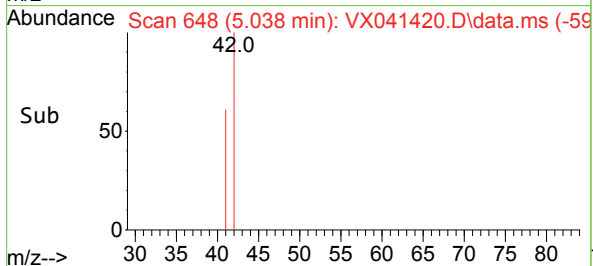
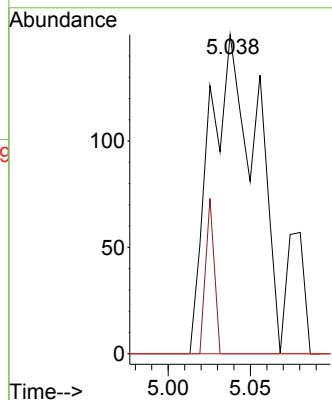
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	296
Ion Ratio	Lower	Upper	
42	100		
72	9.1	34.2	51.4#
71	0.0	32.2	48.2#



#31

Cyclohexane

Concen: 1.244 ug/l

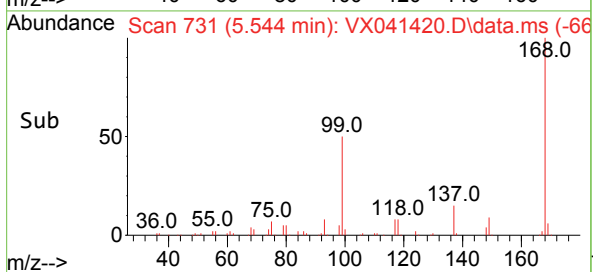
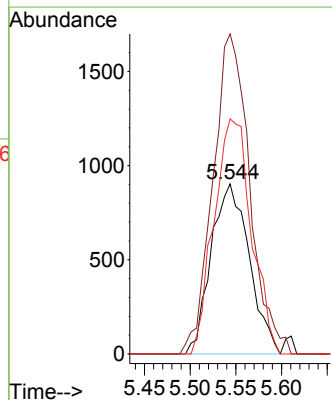
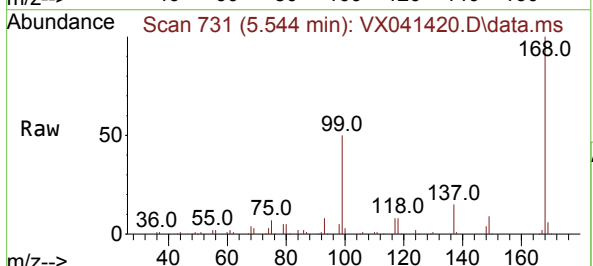
RT: 5.544 min Scan# 731

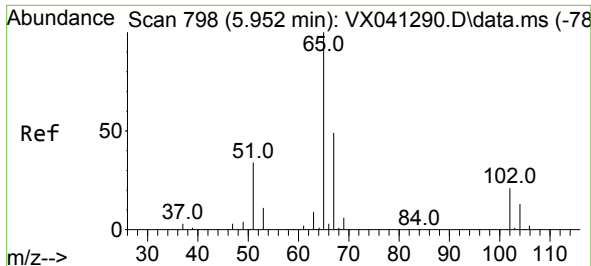
Delta R.T. 0.079 min

Lab File: VX041420.D

Acq: 08 May 2024 15:06

Tgt Ion:	56	Resp:	2614
Ion Ratio	Lower	Upper	
56	100		
69	188.2	23.4	35.2#
84	138.2	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 51.065 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041420.D

Acq: 08 May 2024 15:06

Instrument :

MSVOA_X

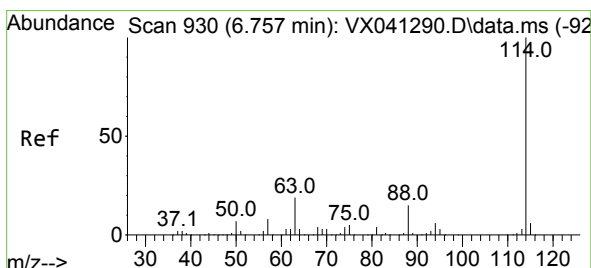
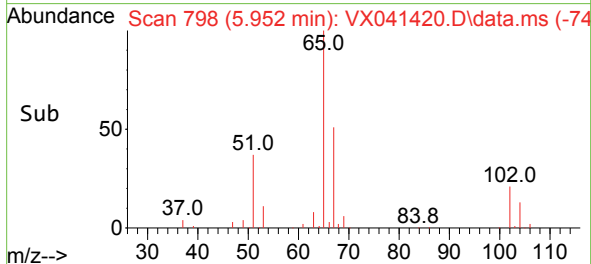
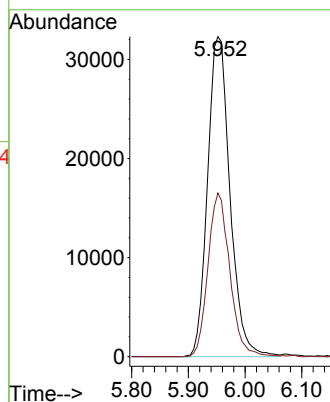
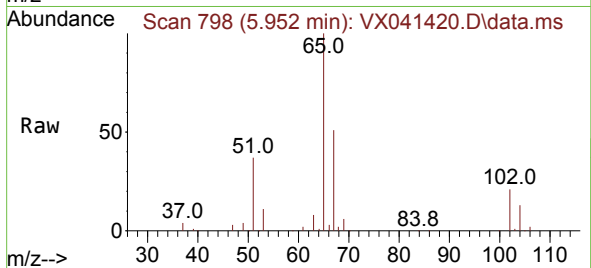
ClientSampleId :

Tgt Ion: 65 Resp: 88922

Ion Ratio Lower Upper

65 100

67 49.7 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: VX041420.D

Acq: 08 May 2024 15:06

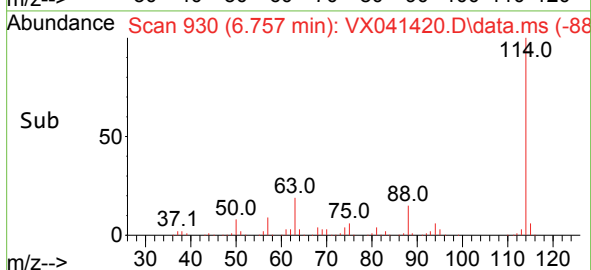
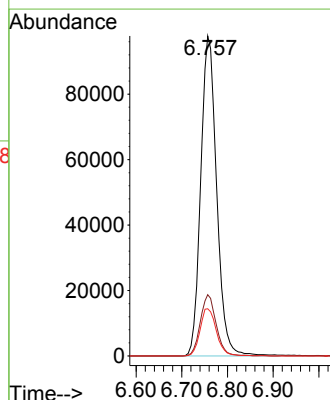
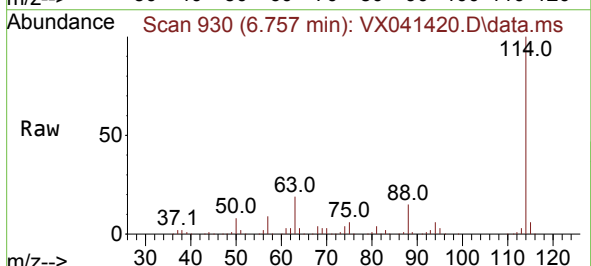
Tgt Ion: 114 Resp: 236397

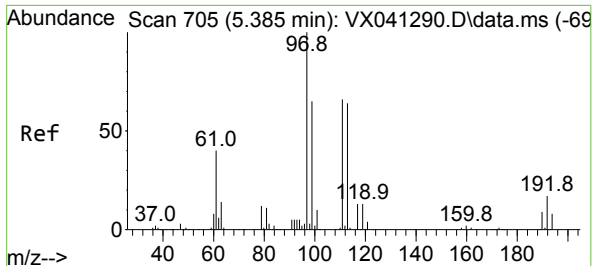
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

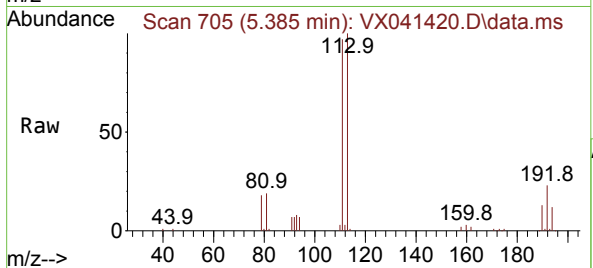
88 14.8 0.0 36.6



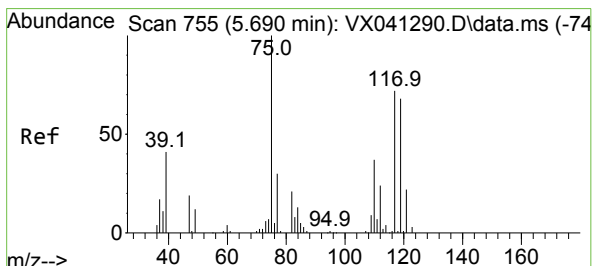
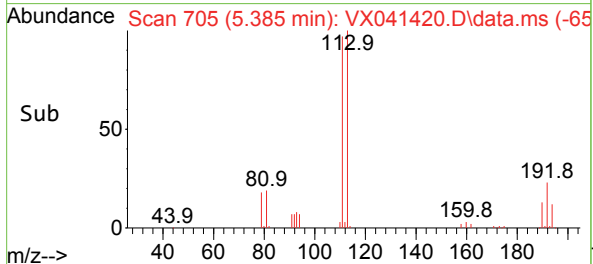
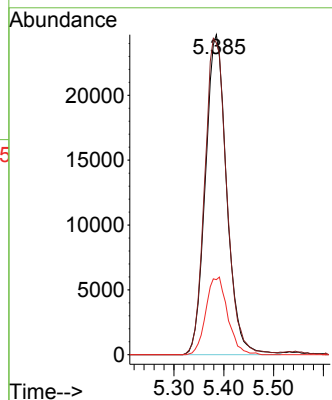


#35
Dibromofluoromethane
Concen: 45.669 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :

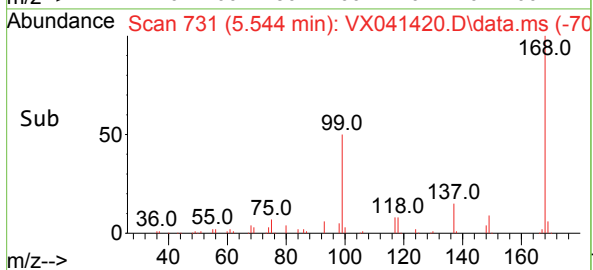
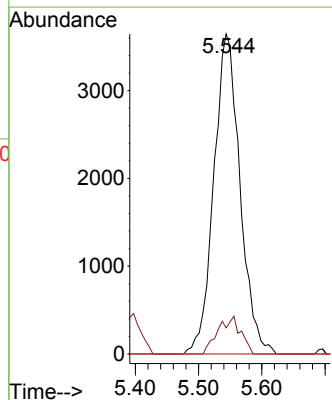
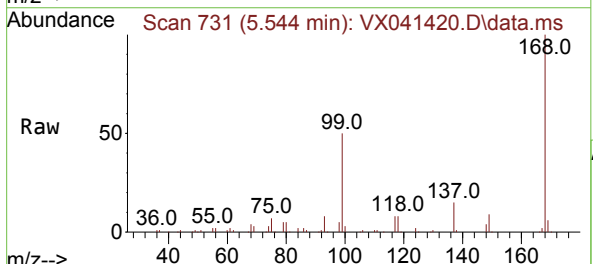


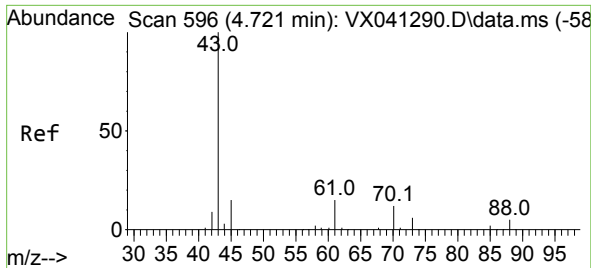
Tgt Ion:113 Resp: 73161
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 24.8 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.459 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06

Tgt Ion: 75 Resp: 10458
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 4.969 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.140 min

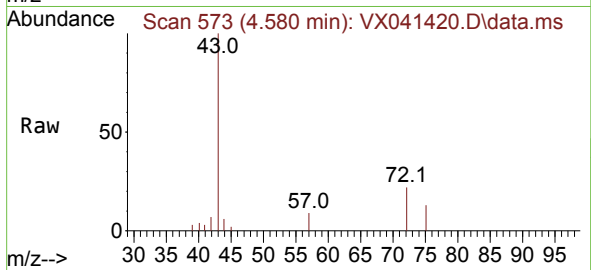
Lab File: VX041420.D

Acq: 08 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :



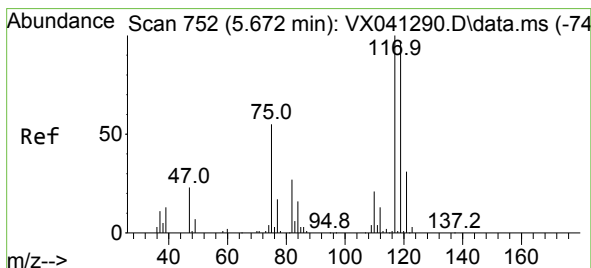
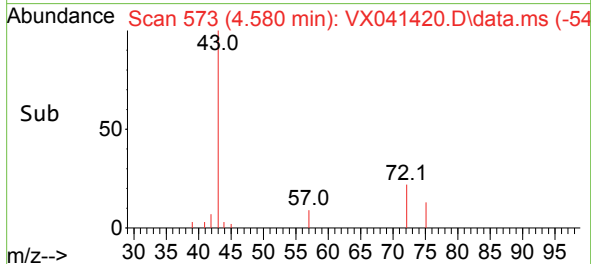
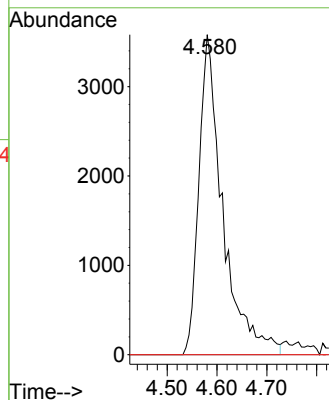
Tgt Ion: 43 Resp: 11876

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.411 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX041420.D

Acq: 08 May 2024 15:06

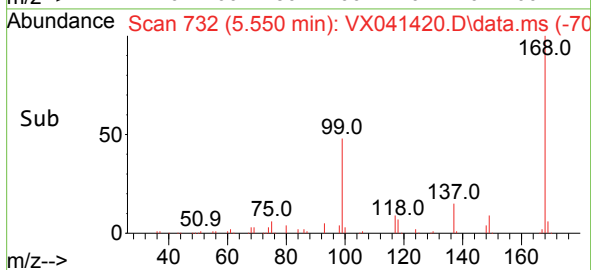
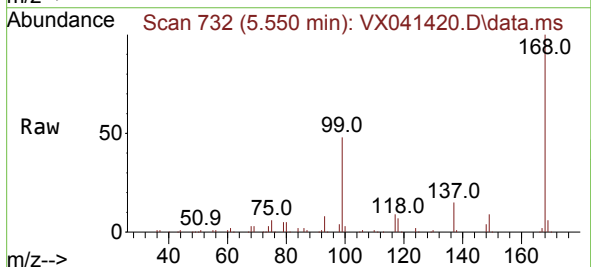
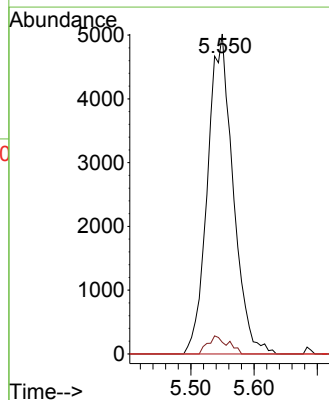
Tgt Ion: 117 Resp: 14069

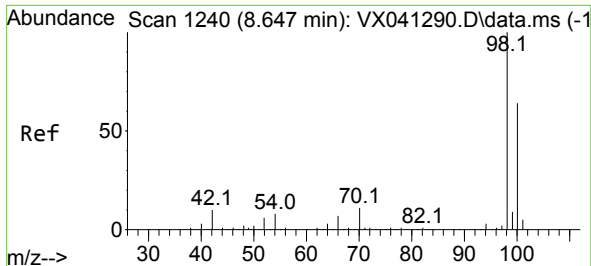
Ion Ratio Lower Upper

117 100

119 3.6 78.2 117.2#

121 0.0 24.4 36.6#

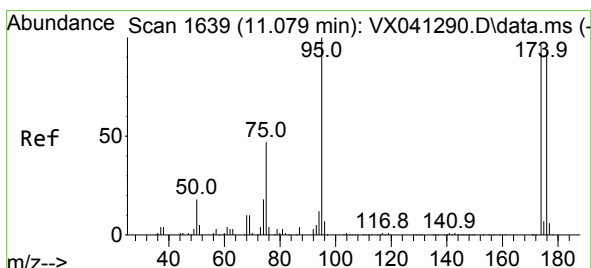
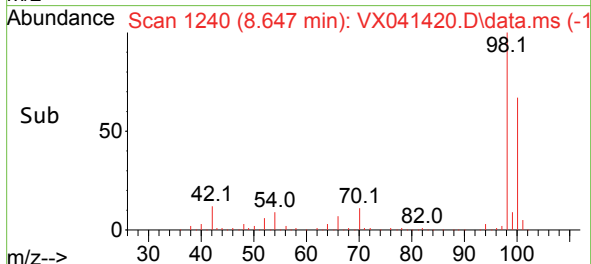
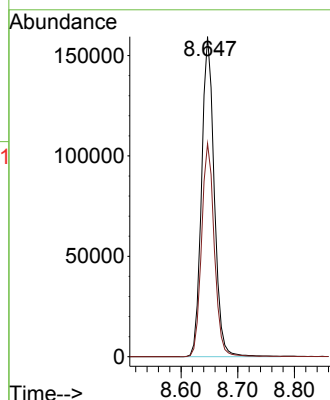
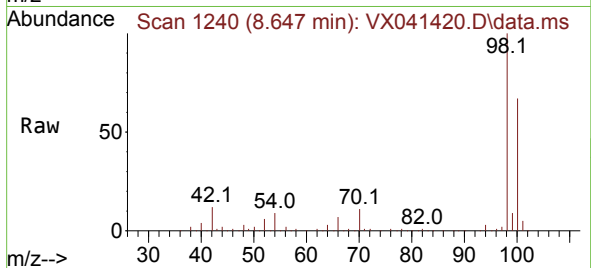




#50
Toluene-d8
Concen: 48.718 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06

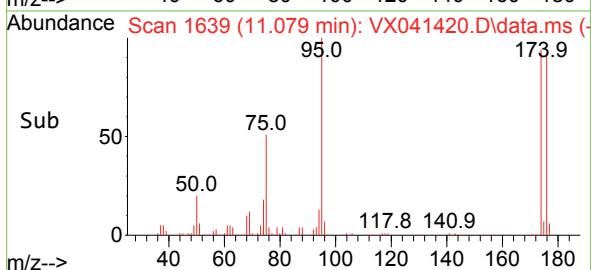
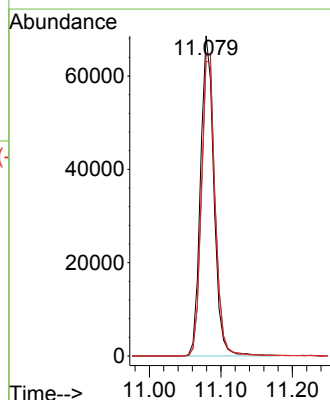
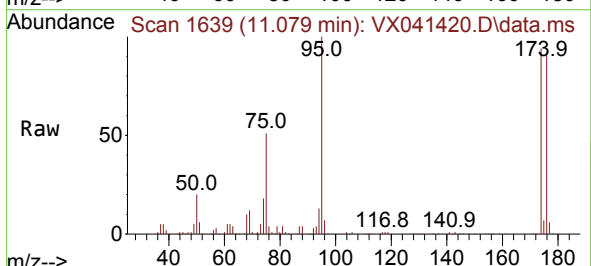
Instrument :
MSVOA_X
ClientSampleId :

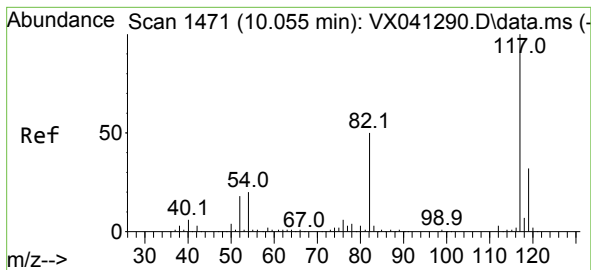
Tgt Ion: 98 Resp: 247020
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.309 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06

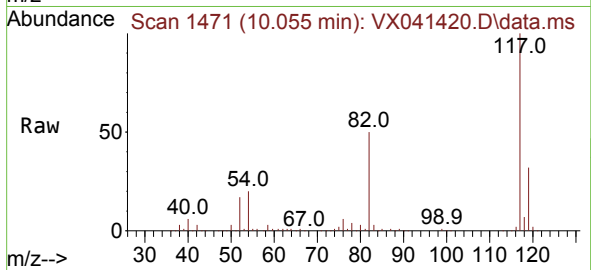
Tgt Ion: 95 Resp: 88933
Ion Ratio Lower Upper
95 100
174 97.3 0.0 135.6
176 95.8 0.0 131.0



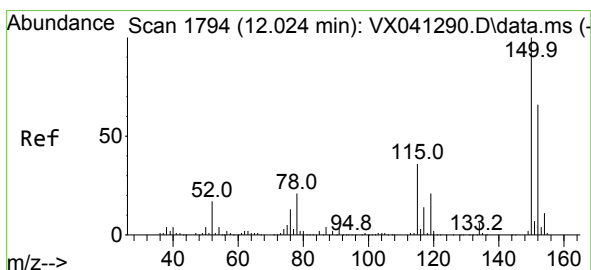
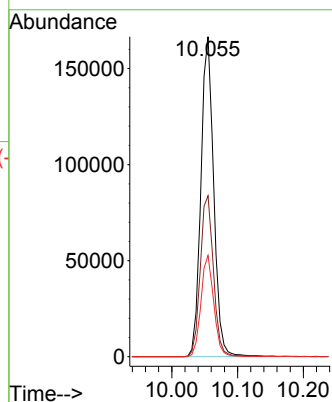
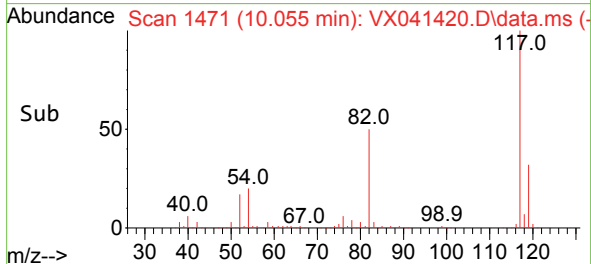


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06

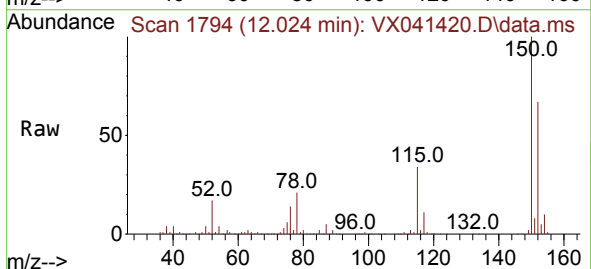
Instrument :
MSVOA_X
ClientSampleId :



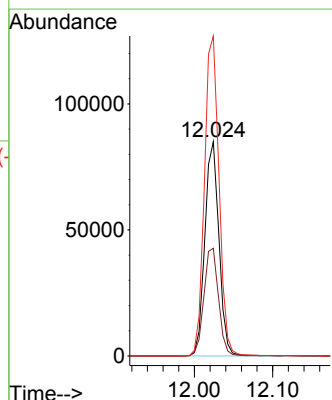
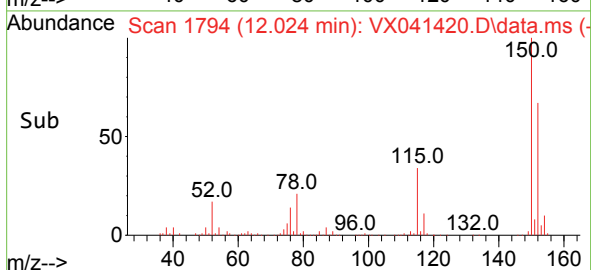
Tgt Ion:117 Resp: 225800
Ion Ratio Lower Upper
117 100
82 50.3 46.2 69.4
119 31.7 25.5 38.3

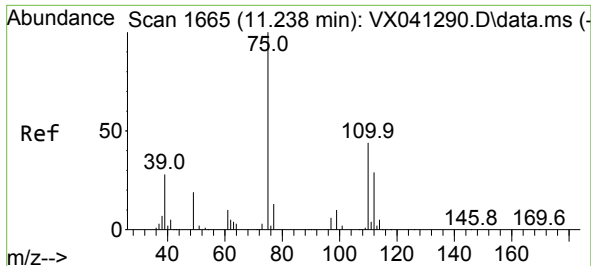


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06



Tgt Ion:152 Resp: 106381
Ion Ratio Lower Upper
152 100
115 52.2 43.3 129.9
150 153.8 0.0 345.0

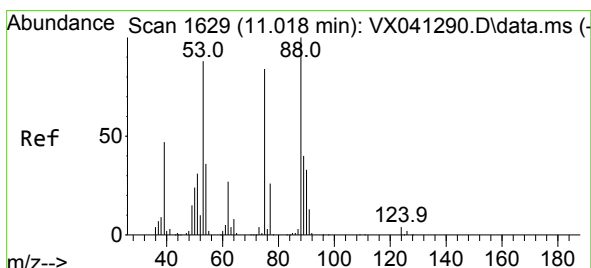
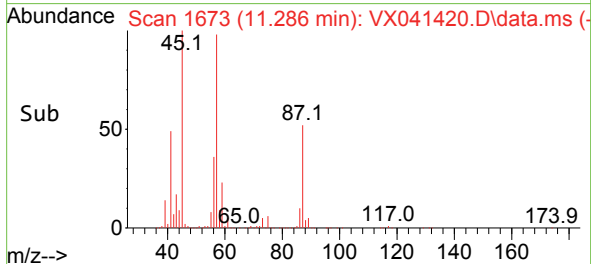
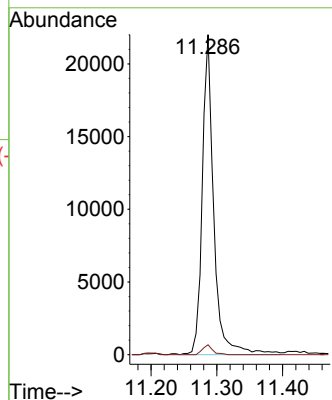
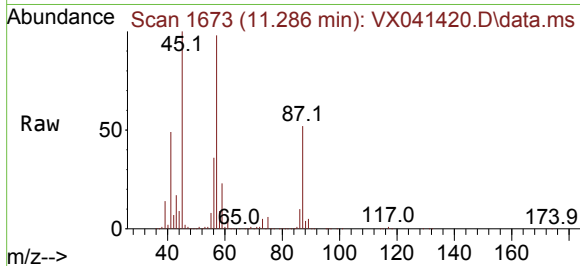




#76
1,2,3-Trichloropropane
Concen: 15.402 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. 0.049 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06

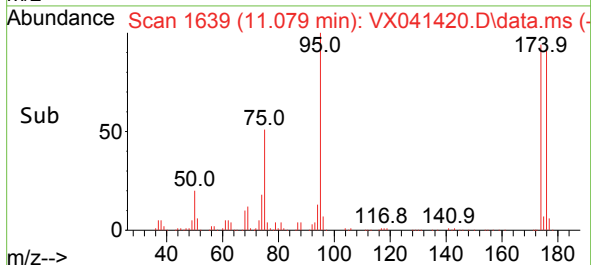
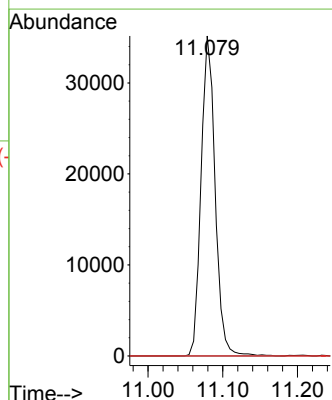
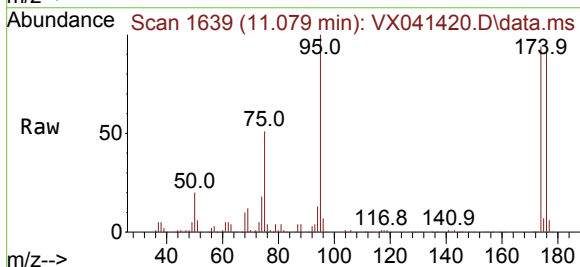
Instrument :
MSVOA_X
ClientSampleId :

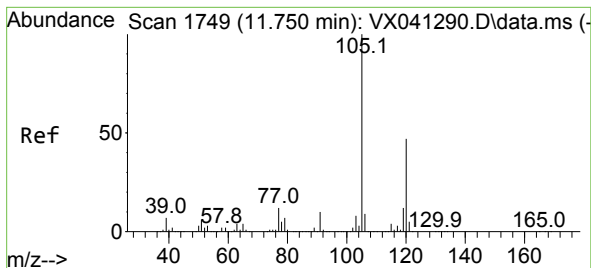
Tgt Ion: 75 Resp: 26702
Ion Ratio Lower Upper
75 100
77 2.7 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.203 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041420.D
Acq: 08 May 2024 15:06

Tgt Ion: 75 Resp: 45955
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: 0.578 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX041420.D

Acq: 08 May 2024 15:06

Instrument :

MSVOA_X

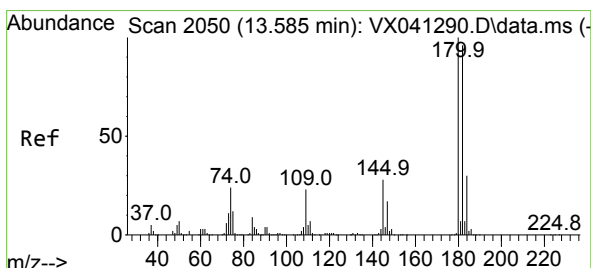
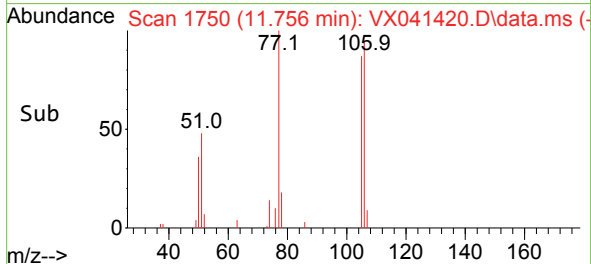
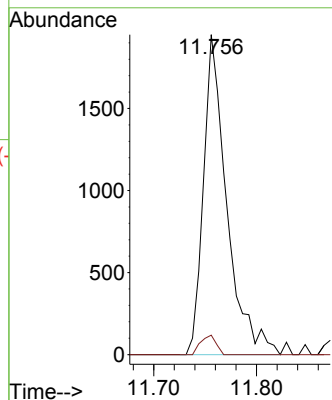
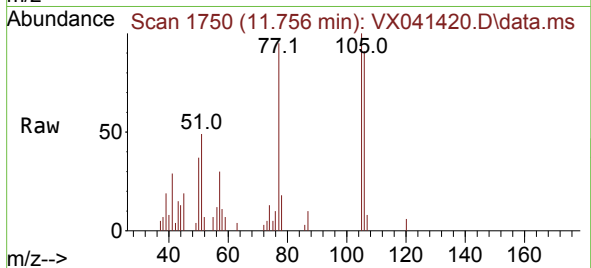
ClientSampleId :

Tgt Ion:105 Resp: 3078

Ion Ratio Lower Upper

105 100

120 4.0 21.2 63.6#



#93

1,2,4-Trichlorobenzene

Concen: 0.259 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041420.D

Acq: 08 May 2024 15:06

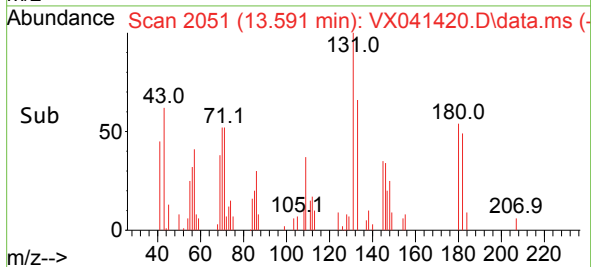
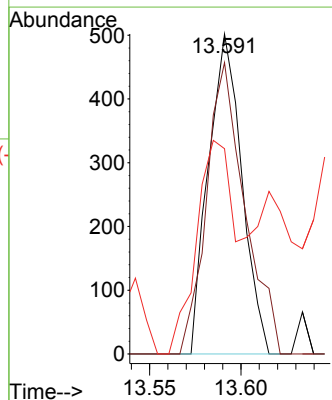
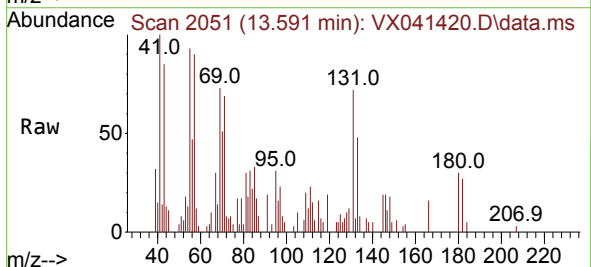
Tgt Ion:180 Resp: 636

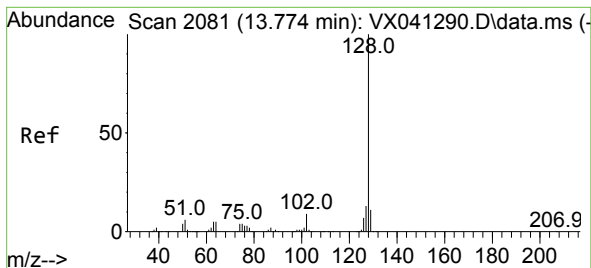
Ion Ratio Lower Upper

180 100

182 104.4 48.3 144.8

145 83.0 18.0 54.0#





#95

Naphthalene

Concen: 1.090 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

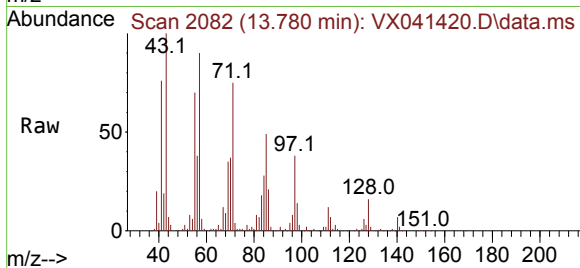
Lab File: VX041420.D

Acq: 08 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :



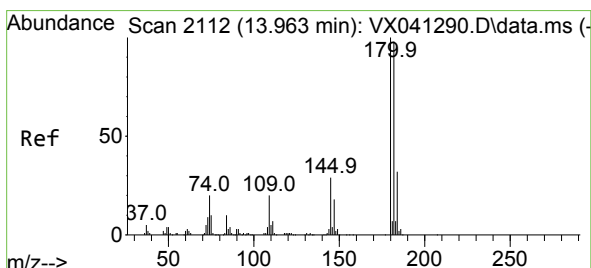
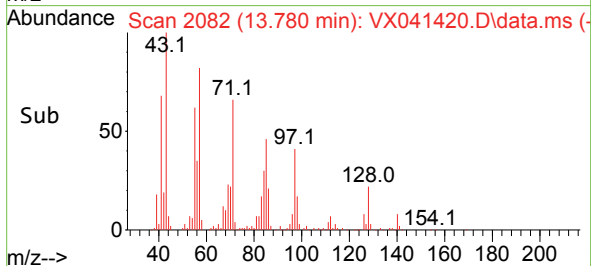
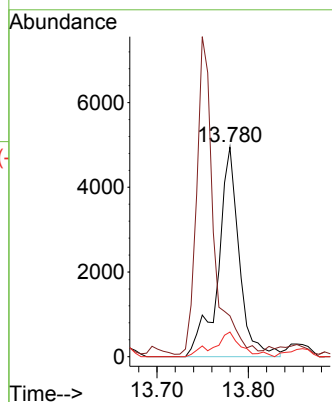
Tgt Ion:128 Resp: 7946

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 12.3 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.388 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041420.D

Acq: 08 May 2024 15:06

Tgt Ion:180 Resp: 976

Ion Ratio Lower Upper

180 100

182 86.0 46.9 140.6

145 89.0 17.8 53.5#

