

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050824\
 Data File : VX041421.D
 Acq On : 08 May 2024 15:54
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 09 05:33:53 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)

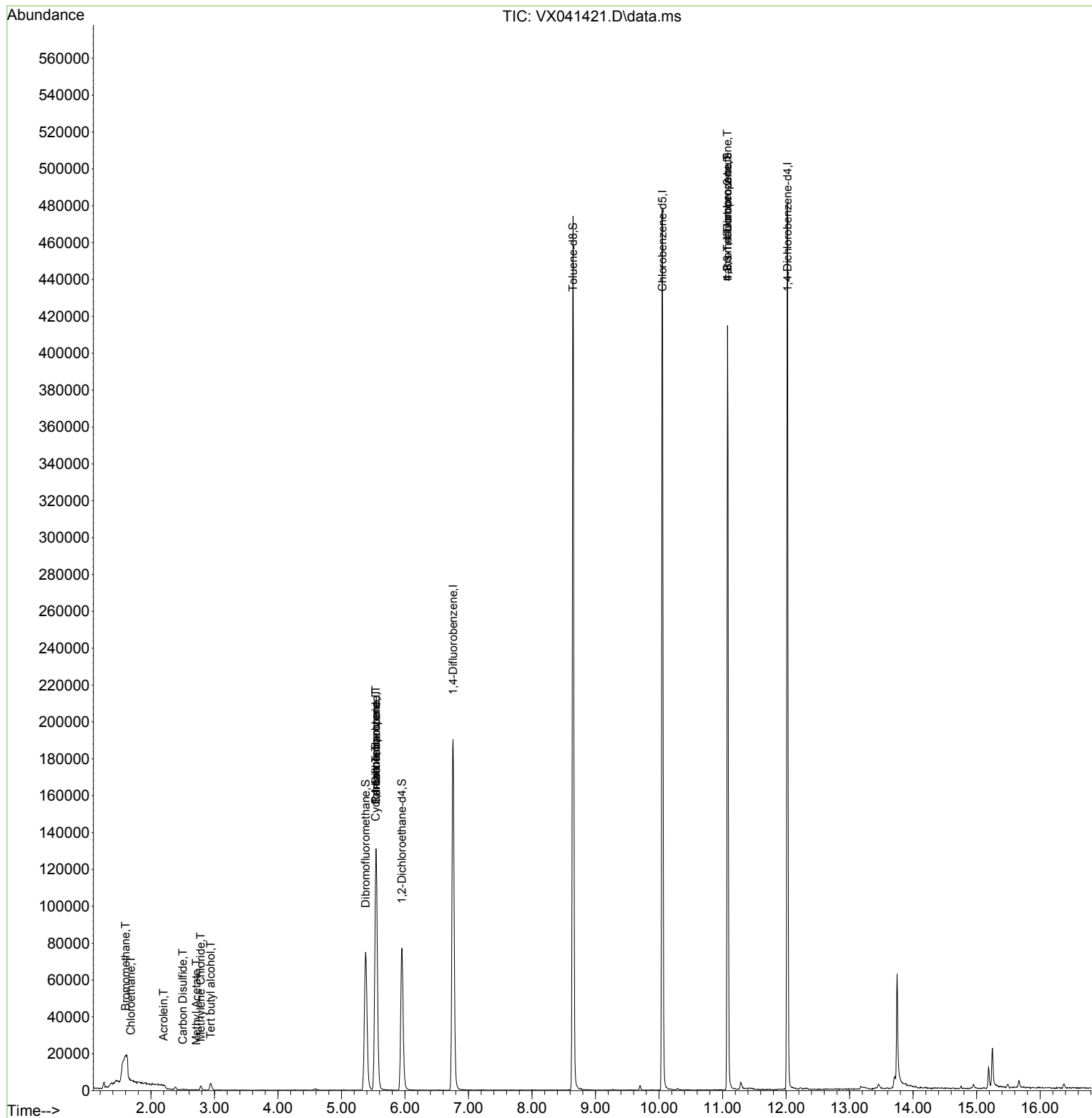
Internal Standards						
1) Pentafluorobenzene	5.544	168	138232	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	202256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76786	51.026	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.060%	
35) Dibromofluoromethane	5.379	113	63778	46.532	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.060%	
50) Toluene-d8	8.647	98	282477	65.114	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 130.220%#	
62) 4-Bromofluorobenzene	11.079	95	104157	62.023	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 124.040%#	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	628	0.894	ug/l	82
6) Chloroethane	1.685	64	149	0.286	ug/l #	43
11) Tert butyl alcohol	2.940	59	2227	7.394	ug/l #	78
13) Acrolein	2.197	56	247	1.034	ug/l	95
16) Acetone	2.380	43	2130	Below Cal		98
17) Carbon Disulfide	2.501	76	519	0.206	ug/l #	76
18) Methyl Acetate	2.715	43	481	0.312	ug/l #	53
20) Methylene Chloride	2.782	84	1119	0.857	ug/l	87
31) Cyclohexane	5.537	56	2584	1.423	ug/l #	19
36) 1,1-Dichloropropene	5.544	75	9094	5.549	ug/l #	52
38) Carbon Tetrachloride	5.544	117	12001	6.392	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	52387	28.850	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52387	78.583	ug/l #	5

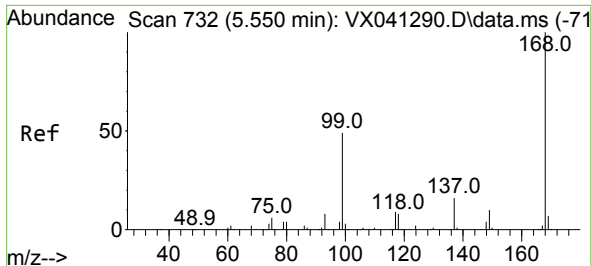
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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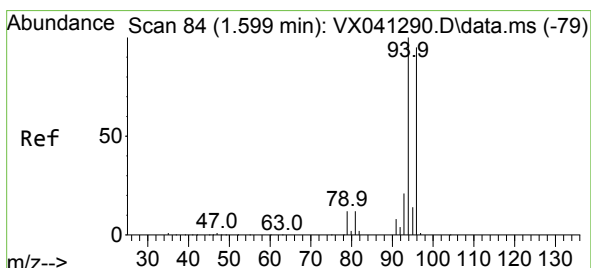
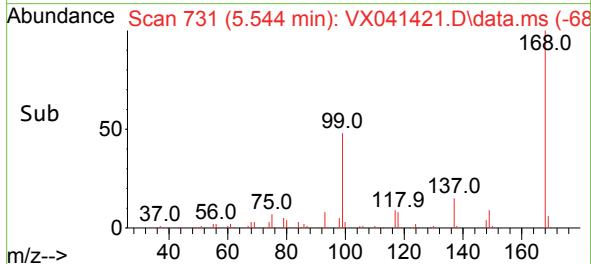
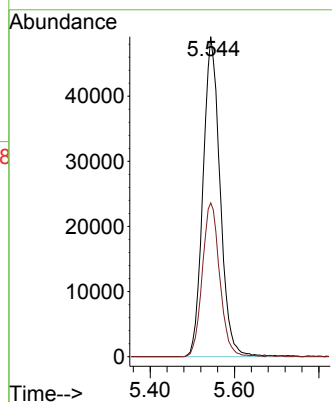
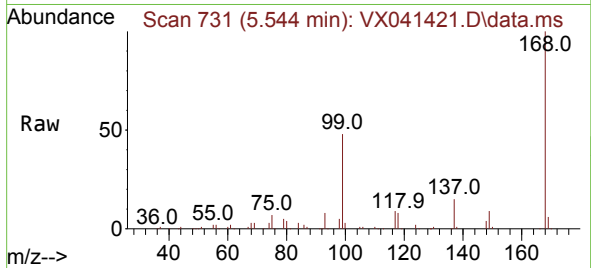




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041421.D
Acq: 08 May 2024 15:54

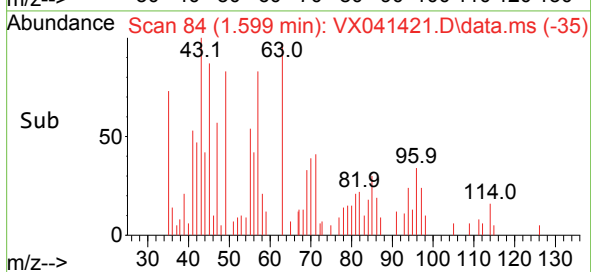
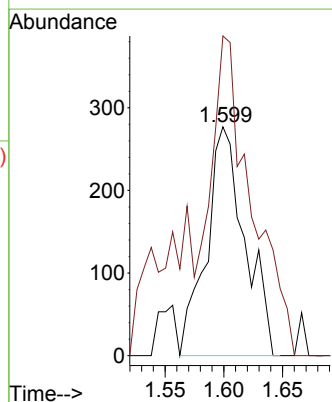
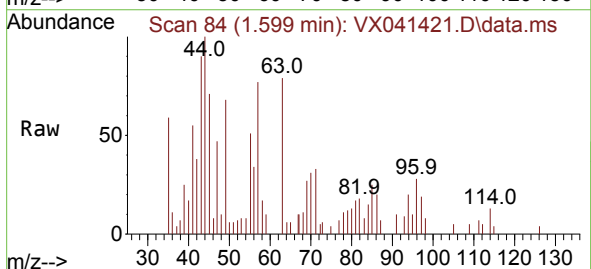
Instrument :
MSVOA_X
ClientSampleId :

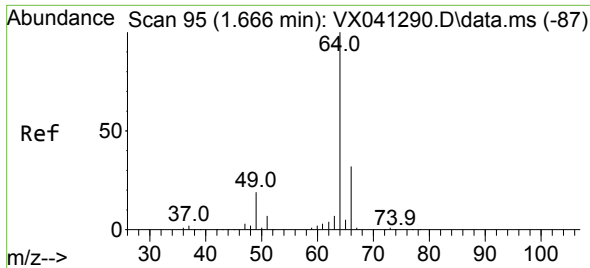
Tgt Ion:168 Resp: 138232
Ion Ratio Lower Upper
168 100
99 48.0 56.6 85.0#



#5
Bromomethane
Concen: 0.894 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041421.D
Acq: 08 May 2024 15:54

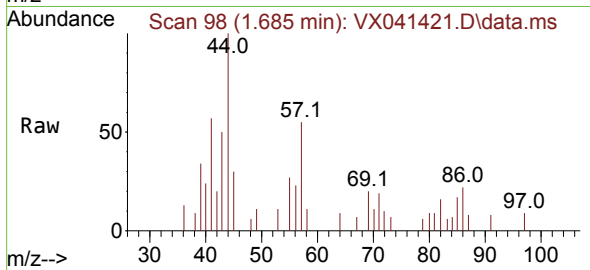
Tgt Ion: 94 Resp: 628
Ion Ratio Lower Upper
94 100
96 110.5 74.6 111.8



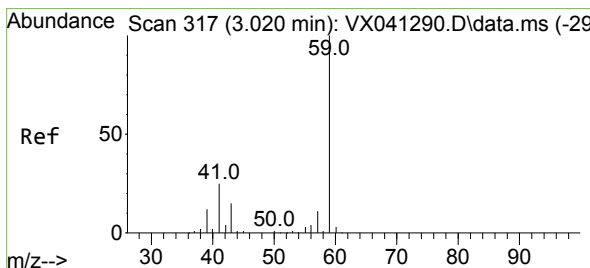
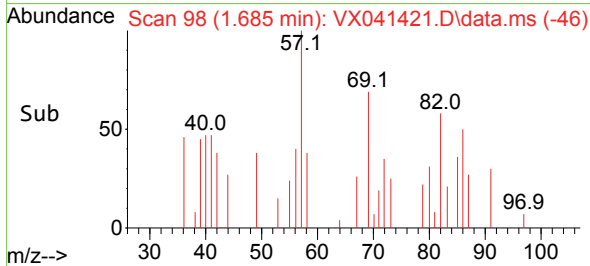
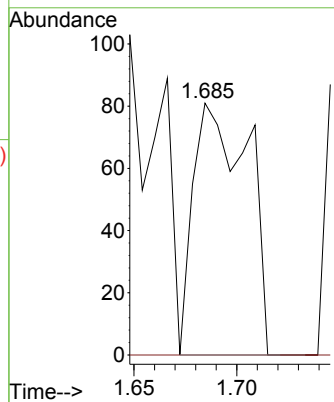


#6
Chloroethane
Concen: 0.286 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX041421.D
Acq: 08 May 2024 15:54

Instrument :
MSVOA_X
ClientSampleId :

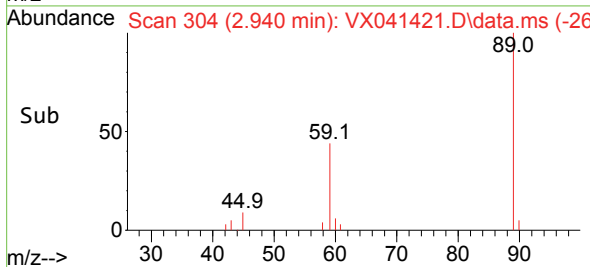
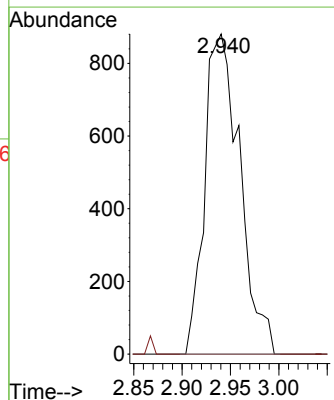
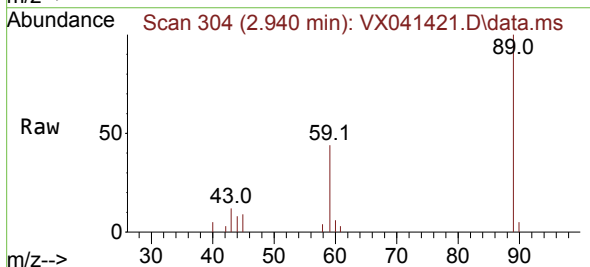


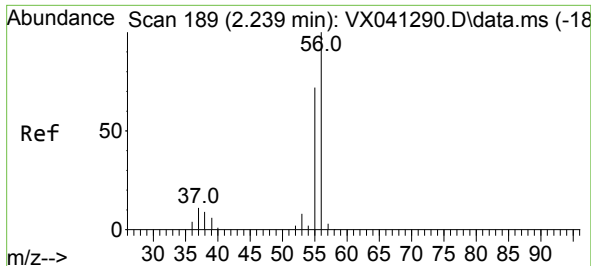
Tgt Ion: 64 Resp: 149
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 7.394 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX041421.D
Acq: 08 May 2024 15:54

Tgt Ion: 59 Resp: 2227
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 1.034 ug/l

RT: 2.197 min Scan# 11

Delta R.T. -0.043 min

Lab File: VX041421.D

Acq: 08 May 2024 15:54

Instrument :

MSVOA_X

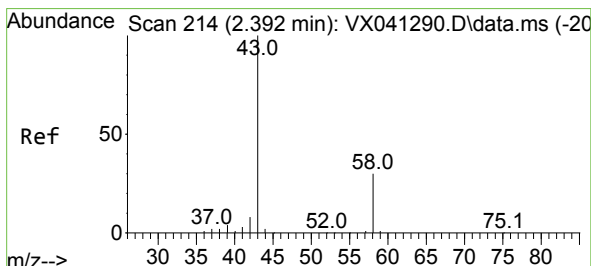
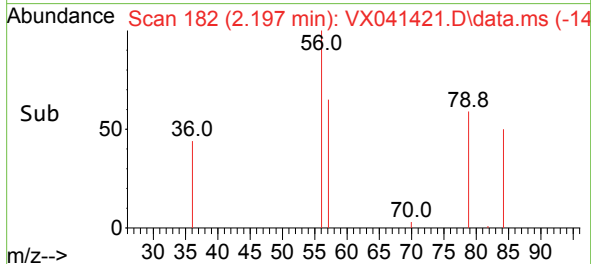
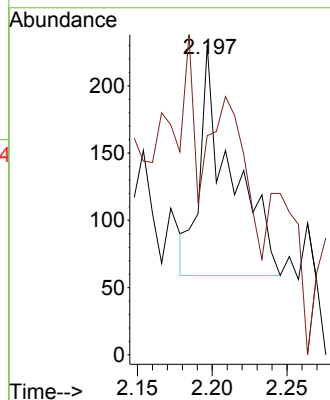
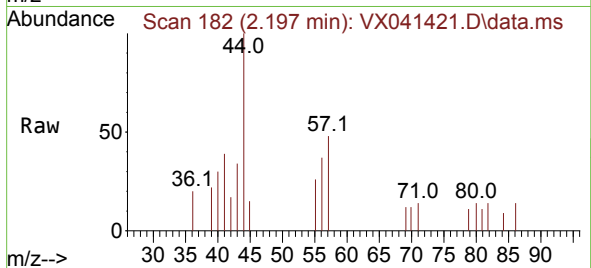
ClientSampleId :

Tgt Ion: 56 Resp: 247

Ion Ratio Lower Upper

56 100

55 75.7 57.1 85.7



#16

Acetone

Concen: Below Cal

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX041421.D

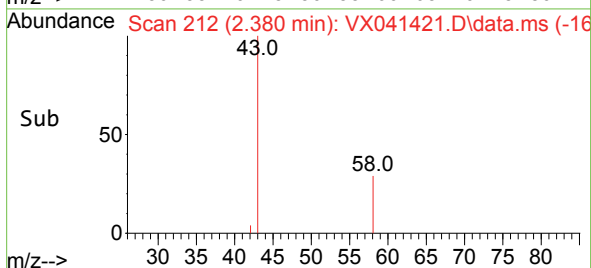
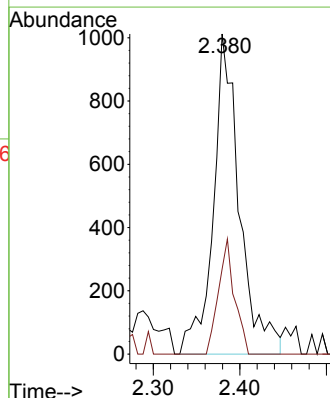
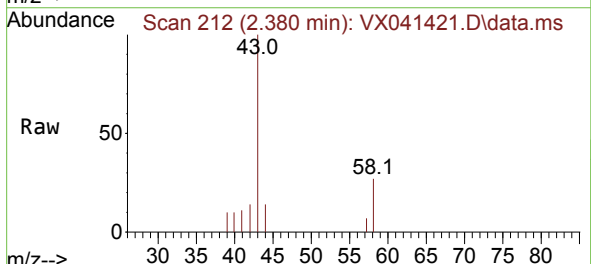
Acq: 08 May 2024 15:54

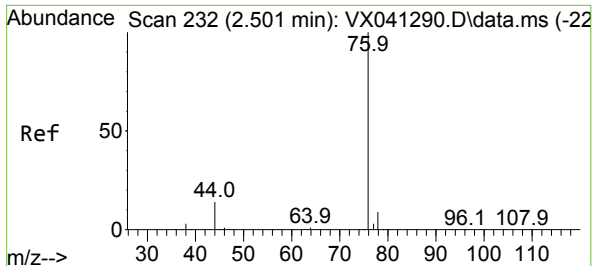
Tgt Ion: 43 Resp: 2130

Ion Ratio Lower Upper

43 100

58 26.6 21.9 32.9





#17

Carbon Disulfide

Concen: 0.206 ug/l

RT: 2.501 min Scan# 21

Delta R.T. 0.000 min

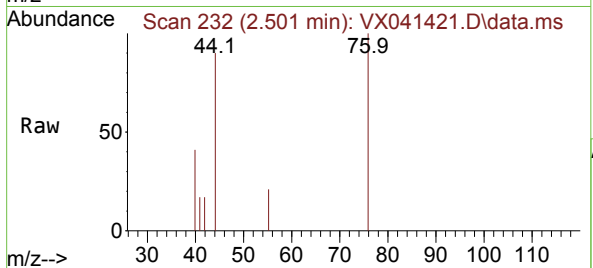
Lab File: VX041421.D

Acq: 08 May 2024 15:54

Instrument :

MSVOA_X

ClientSampleId :

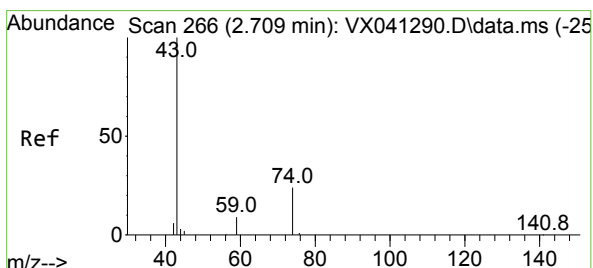
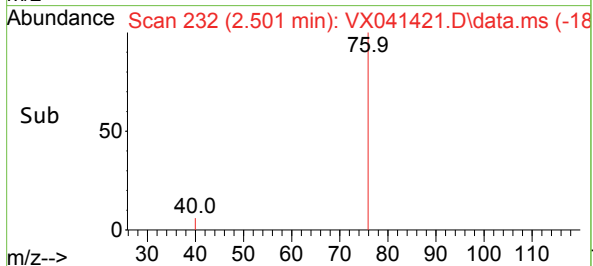
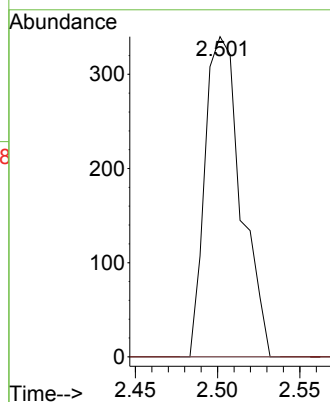


Tgt Ion: 76 Resp: 519

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.312 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX041421.D

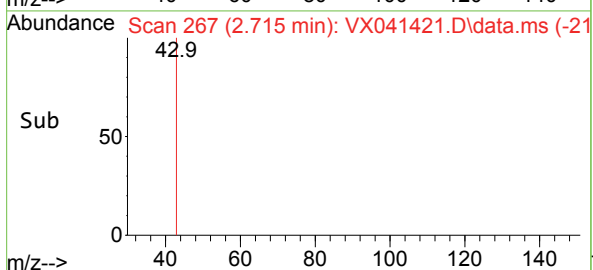
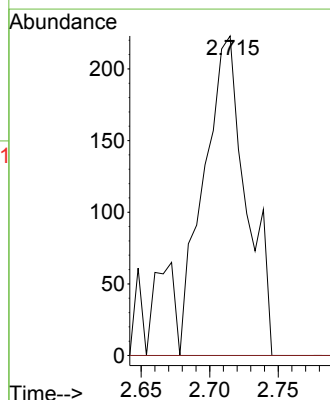
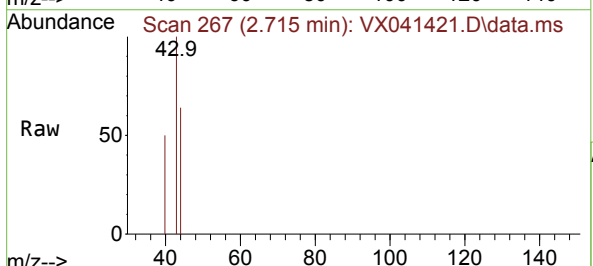
Acq: 08 May 2024 15:54

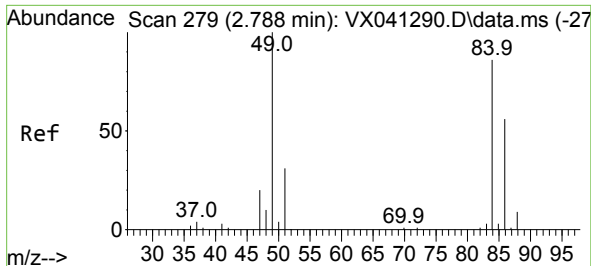
Tgt Ion: 43 Resp: 481

Ion Ratio Lower Upper

43 100

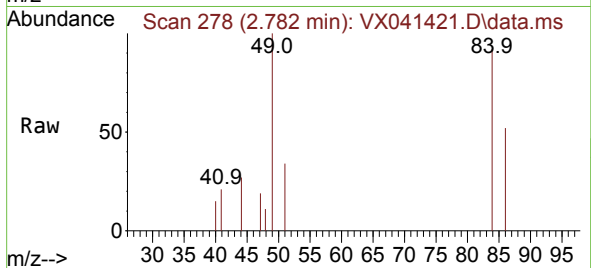
74 0.0 17.8 26.8#



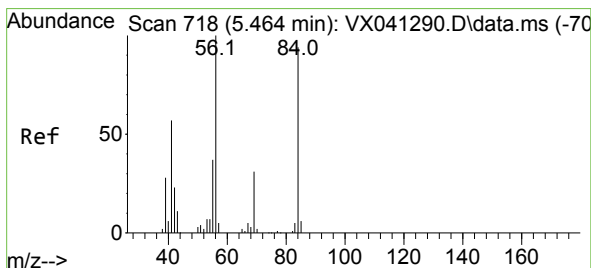
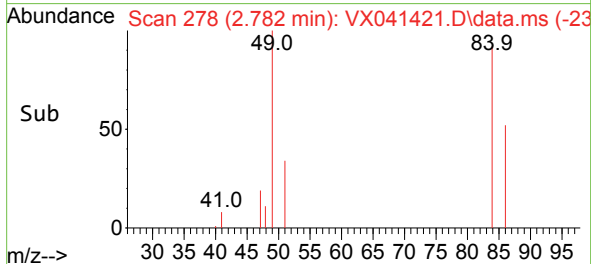
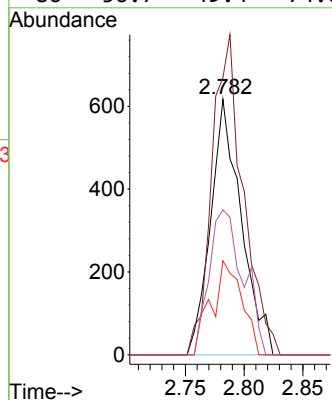


#20
Methylene Chloride
Concen: 0.857 ug/l
RT: 2.782 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX041421.D
Acq: 08 May 2024 15:54

Instrument :
MSVOA_X
ClientSampleId :

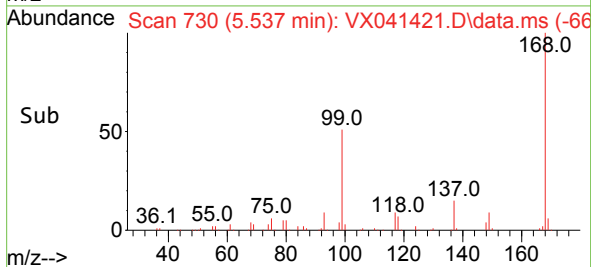
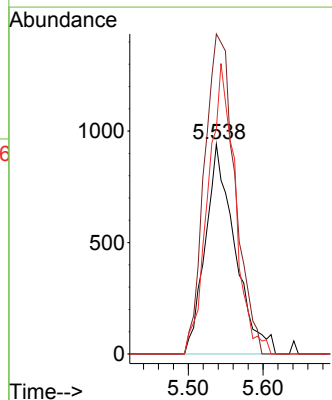
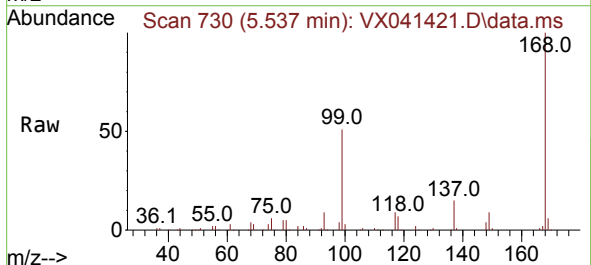


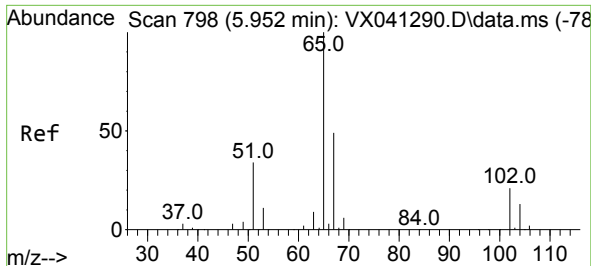
Tgt Ion:	84	Resp:	1119
Ion	Ratio	Lower	Upper
84	100		
49	108.4	103.6	155.4
51	36.8	33.8	50.6
86	56.7	49.4	74.0



#31
Cyclohexane
Concen: 1.423 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX041421.D
Acq: 08 May 2024 15:54

Tgt Ion:	56	Resp:	2584
Ion	Ratio	Lower	Upper
56	100		
69	152.6	23.4	35.2#
84	107.2	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 51.026 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041421.D

Acq: 08 May 2024 15:54

Instrument :

MSVOA_X

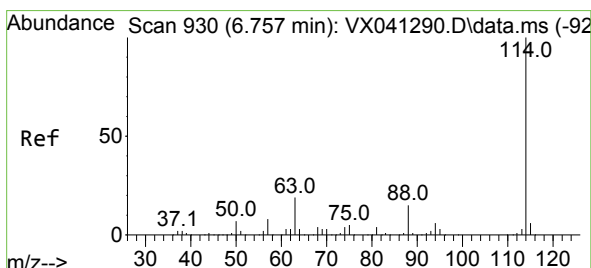
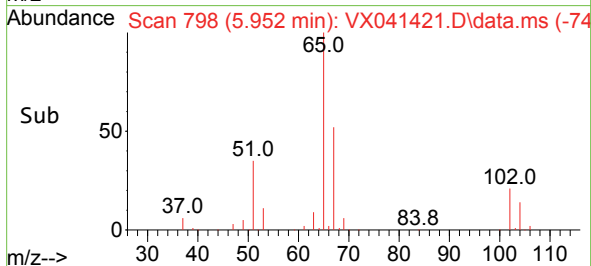
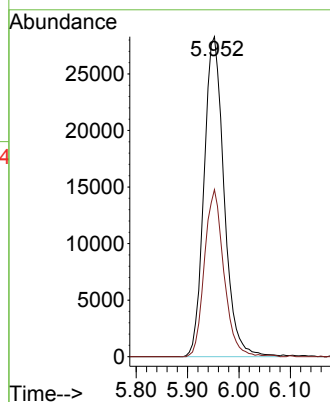
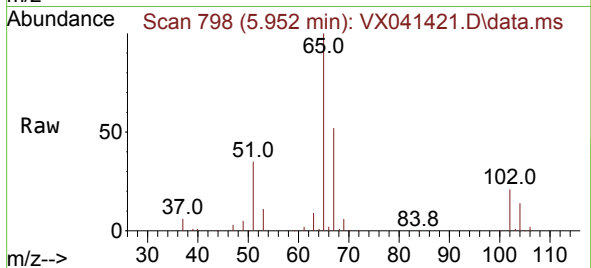
ClientSampleId :

Tgt Ion: 65 Resp: 76786

Ion Ratio Lower Upper

65 100

67 50.5 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: VX041421.D

Acq: 08 May 2024 15:54

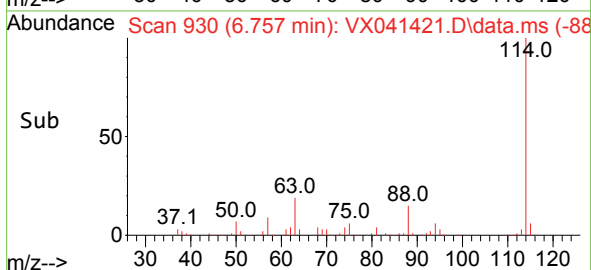
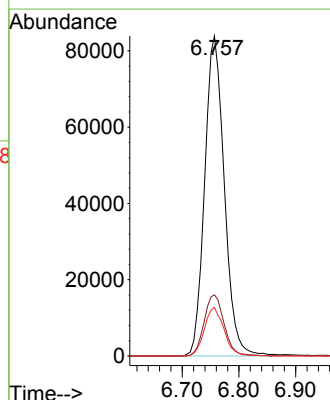
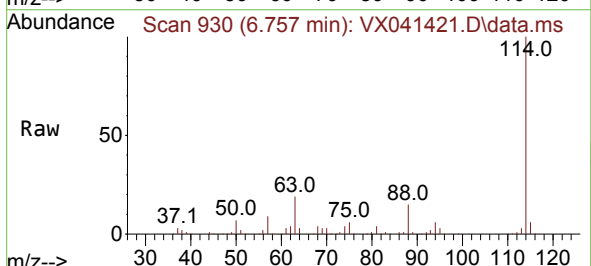
Tgt Ion: 114 Resp: 202256

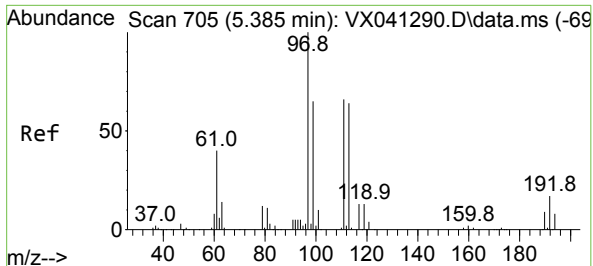
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

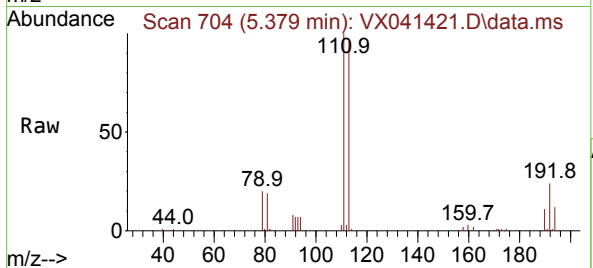
88 15.2 0.0 36.6



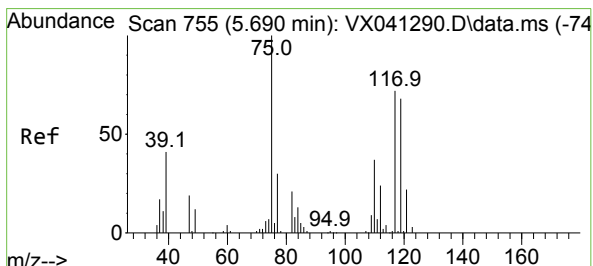
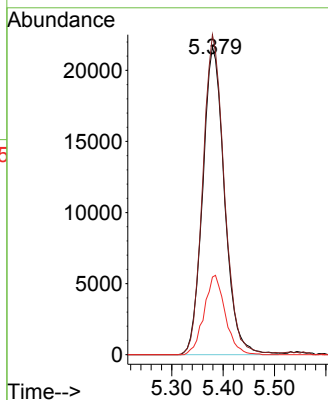
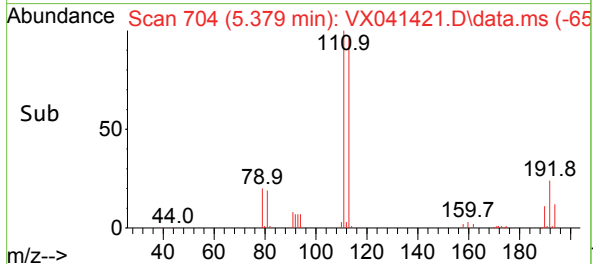


#35
Dibromofluoromethane
Concen: 46.532 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041421.D
Acq: 08 May 2024 15:54

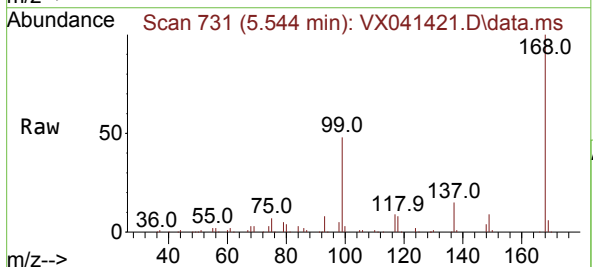
Instrument :
MSVOA_X
ClientSampleId :



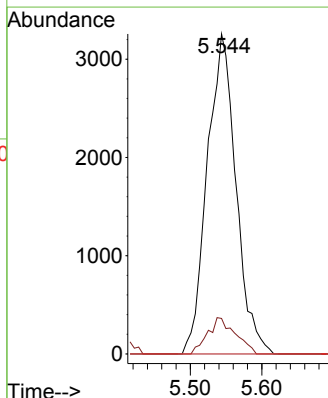
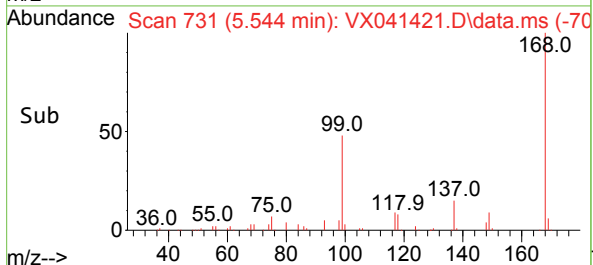
Tgt Ion:113 Resp: 63778
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 25.0 13.3 19.9#

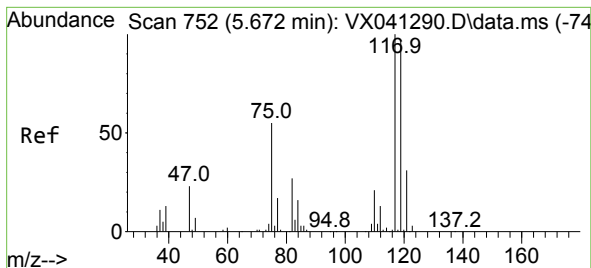


#36
1,1-Dichloropropene
Concen: 5.549 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041421.D
Acq: 08 May 2024 15:54



Tgt Ion: 75 Resp: 9094
Ion Ratio Lower Upper
75 100
110 10.9 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.392 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.128 min

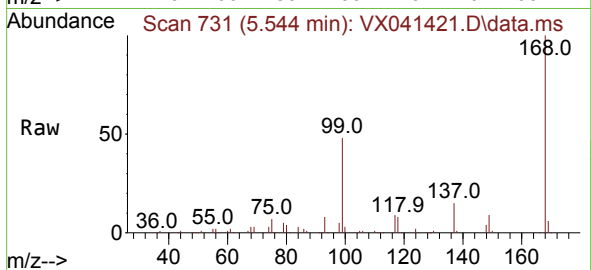
Lab File: VX041421.D

Acq: 08 May 2024 15:54

Instrument :

MSVOA_X

ClientSampleId :



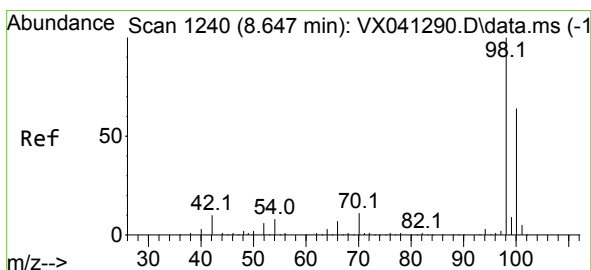
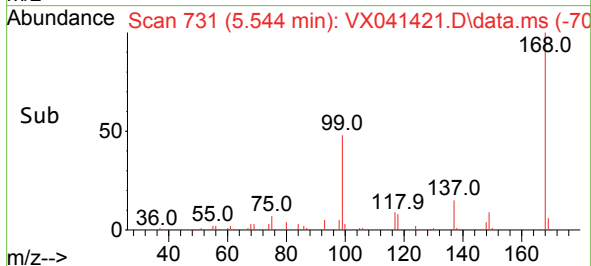
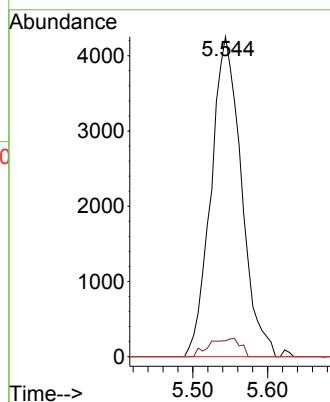
Tgt Ion:117 Resp: 12001

Ion Ratio Lower Upper

117 100

119 4.9 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 65.114 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041421.D

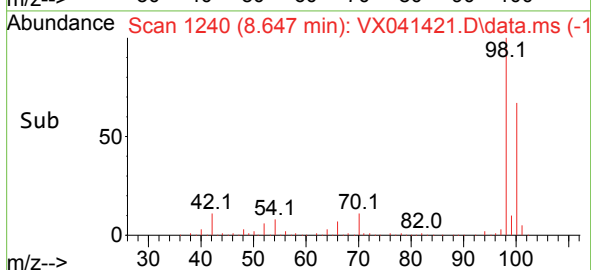
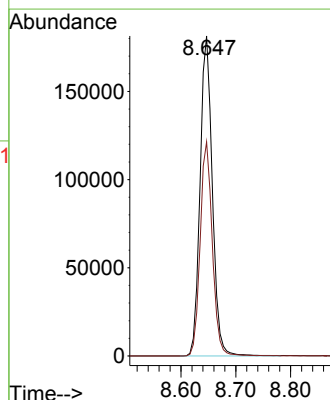
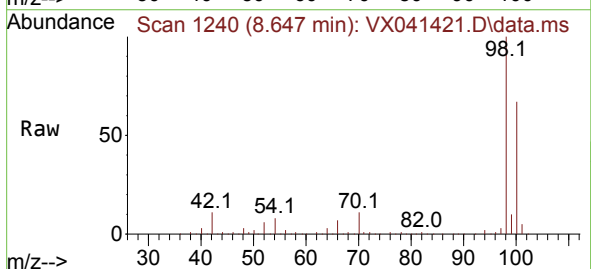
Acq: 08 May 2024 15:54

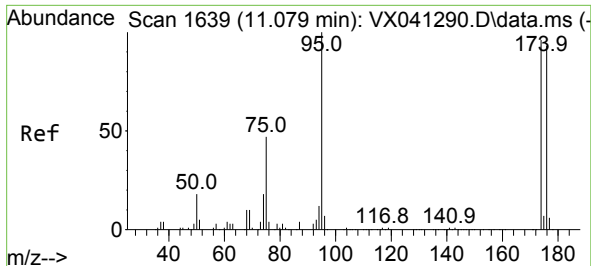
Tgt Ion: 98 Resp: 282477

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7

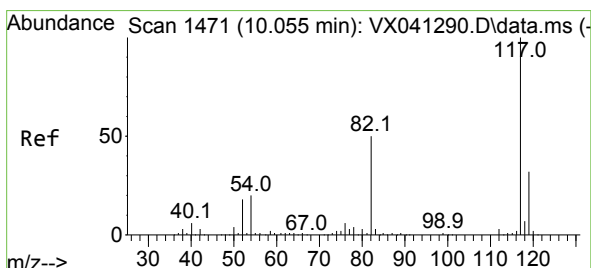
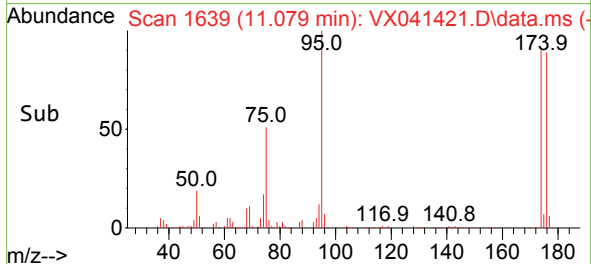
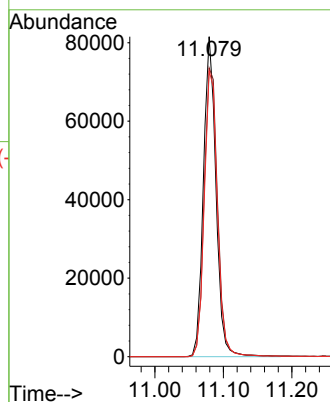
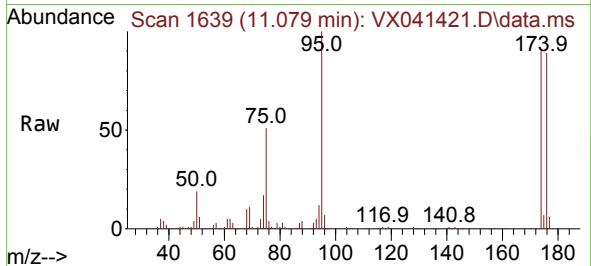




#62
4-Bromofluorobenzene
Concen: 62.023 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041421.D
Acq: 08 May 2024 15:54

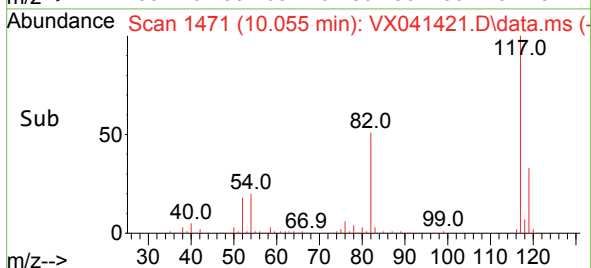
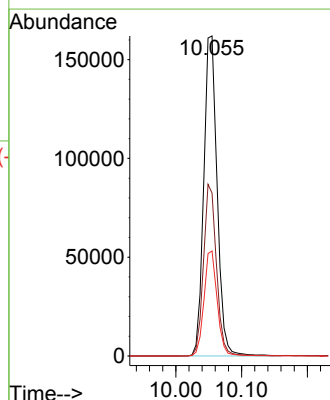
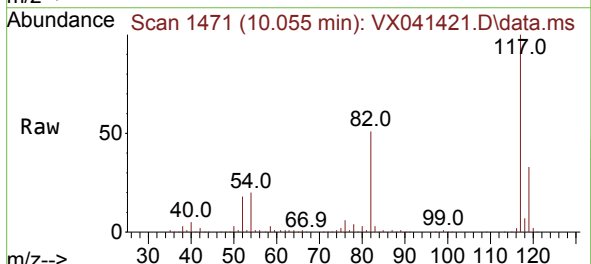
Instrument :
MSVOA_X
ClientSampleId :

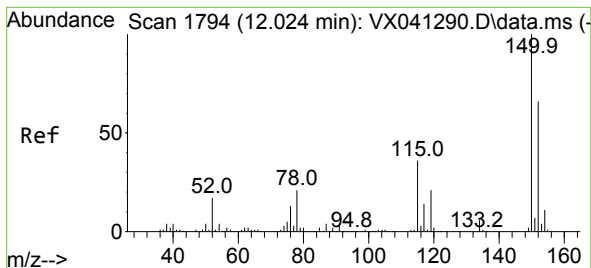
Tgt Ion: 95 Resp: 104157
Ion Ratio Lower Upper
95 100
174 97.1 0.0 135.6
176 93.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041421.D
Acq: 08 May 2024 15:54

Tgt Ion: 117 Resp: 230022
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 32.8 25.5 38.3

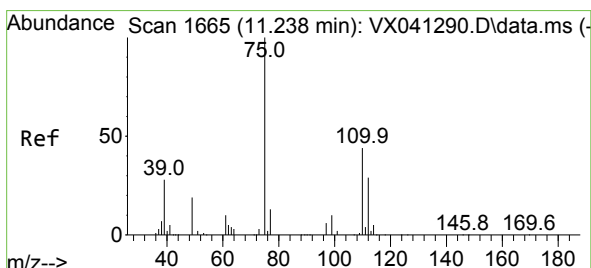
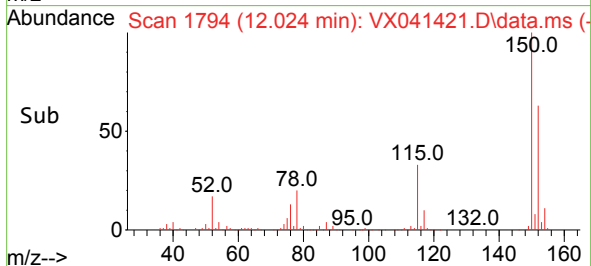
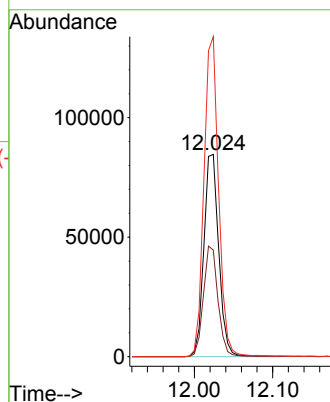
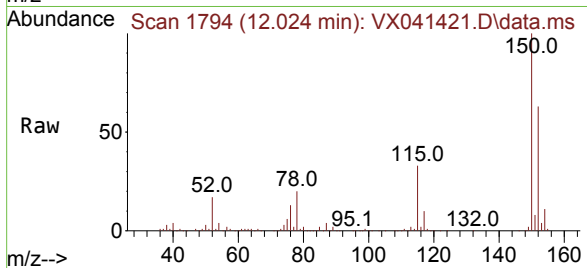




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041421.D
Acq: 08 May 2024 15:54

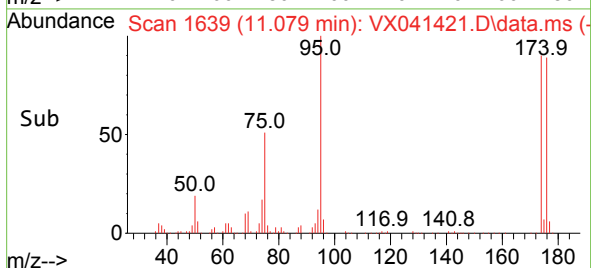
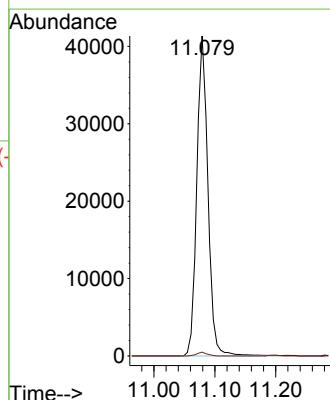
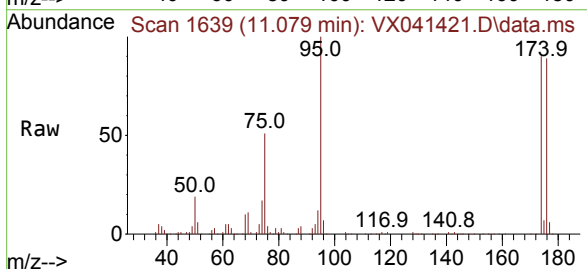
Instrument :
MSVOA_X
ClientSampleId :

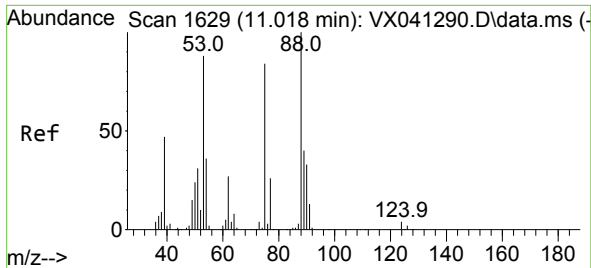
Tgt Ion:152 Resp: 111424
Ion Ratio Lower Upper
152 100
115 53.8 43.3 129.9
150 156.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 28.850 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX041421.D
Acq: 08 May 2024 15:54

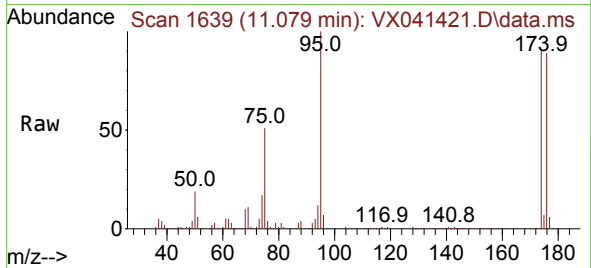
Tgt Ion: 75 Resp: 52387
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.583 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041421.D
 Acq: 08 May 2024 15:54

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52387
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

