

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052424\
 Data File : VX041649.D
 Acq On : 24 May 2024 12:57
 Operator : JC/MD
 Sample : P2602-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 25 04:22:40 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)

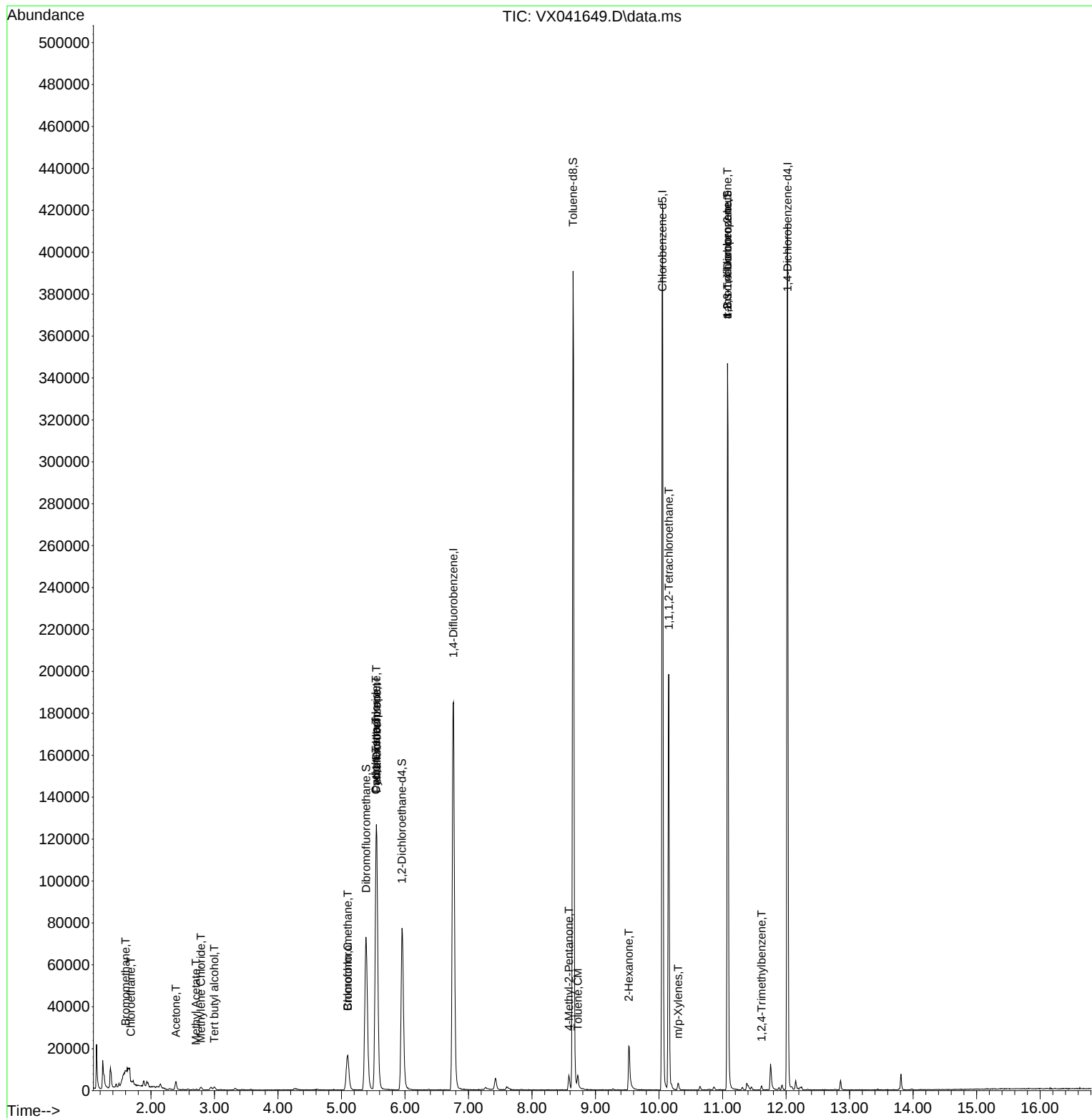
Internal Standards						
1) Pentafluorobenzene	5.556	168	134015	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	201198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76389	52.359	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.720%		
35) Dibromofluoromethane	5.385	113	63711	46.727	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 93.460%		
50) Toluene-d8	8.647	98	234977	54.450	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 108.900%		
62) 4-Bromofluorobenzene	11.079	95	87999	52.677	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.360%		
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	169	0.248	ug/l	# 32
6) Chloroethane	1.685	64	163	0.323	ug/l	# 43
11) Tert butyl alcohol	2.995	59	1925	6.592	ug/l	99
16) Acetone	2.392	43	4823	3.653	ug/l	91
18) Methyl Acetate	2.709	43	341	0.228	ug/l	# 53
20) Methylene Chloride	2.788	84	751	0.593	ug/l	# 82
28) Bromochloromethane	5.099	49	1629	2.185	ug/l	# 16
30) Chloroform	5.099	83	20567	9.463	ug/l	98
31) Cyclohexane	5.544	56	2498	1.419	ug/l	# 6
36) 1,1-Dichloropropene	5.550	75	8844	5.425	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	11679	6.253	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.580	43	4906	2.673	ug/l	92
52) Toluene	8.720	92	2483	0.808	ug/l	100
59) 2-Hexanone	9.525	43	4324	2.946	ug/l	# 48
66) 1,1,1,2-Tetrachloroethane	10.153	131	978	0.692	ug/l	# 36
68) m/p-Xylenes	10.299	106	880	0.333	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	45457	28.876	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	45457	78.656	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.616	105	1347	0.279	ug/l	80

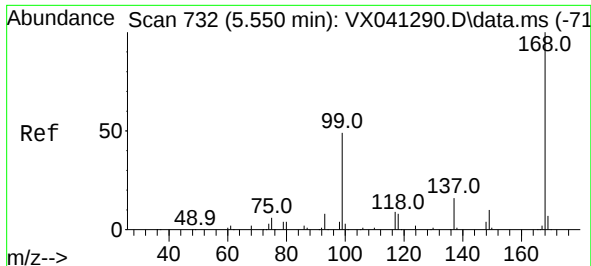
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052424\
Data File : VX041649.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

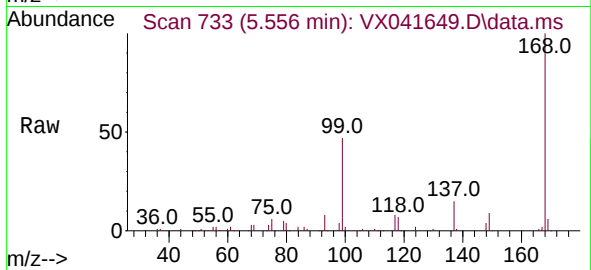
Quant Time: May 25 04:22:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



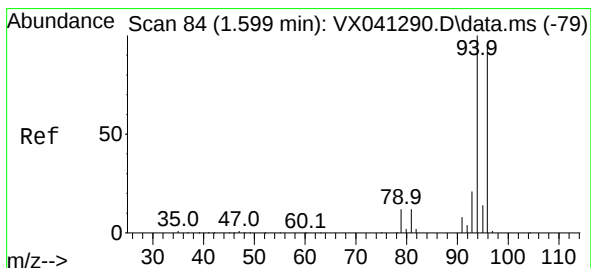
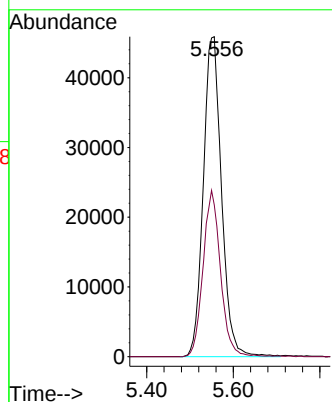
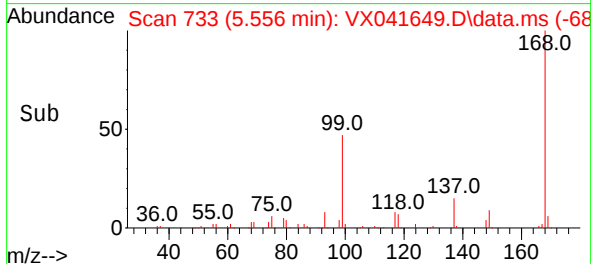


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041649.D
Acq: 24 May 2024 12:57

Instrument :
MSVOA_X
ClientSampleId :

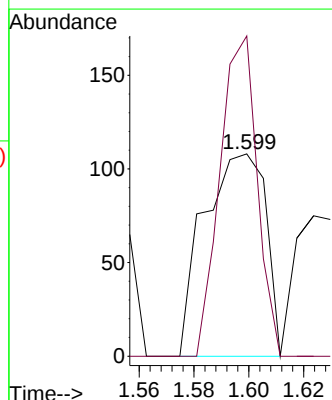
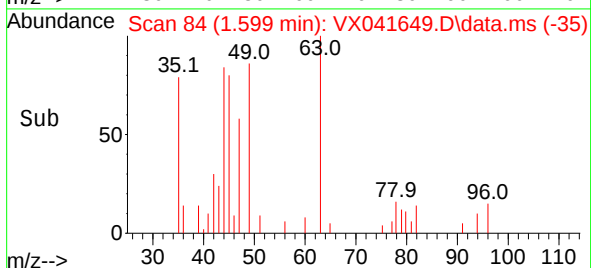
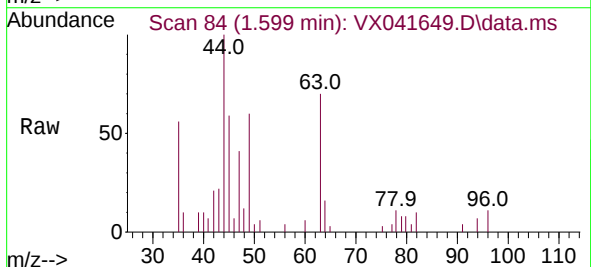


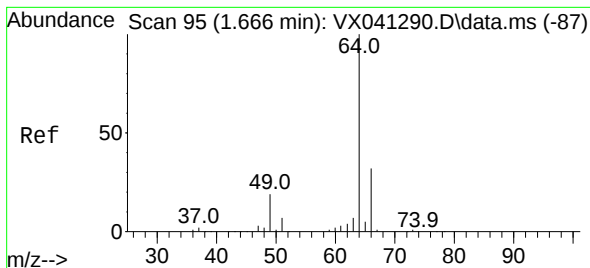
Tgt Ion:168 Resp: 134015
Ion Ratio Lower Upper
168 100
99 47.4 56.6 85.0#



#5
Bromomethane
Concen: 0.248 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041649.D
Acq: 24 May 2024 12:57

Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 158.3 74.6 111.8#





#6

Chloroethane

Concen: 0.323 ug/l

RT: 1.685 min Scan# 91

Delta R.T. 0.018 min

Lab File: VX041649.D

Acq: 24 May 2024 12:57

Instrument :

MSVOA_X

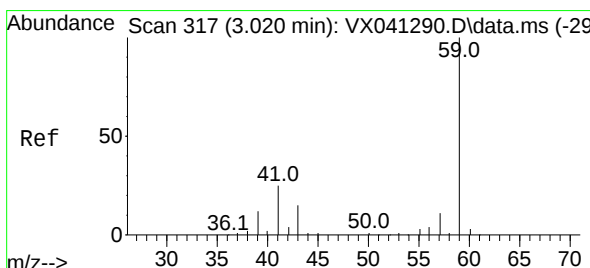
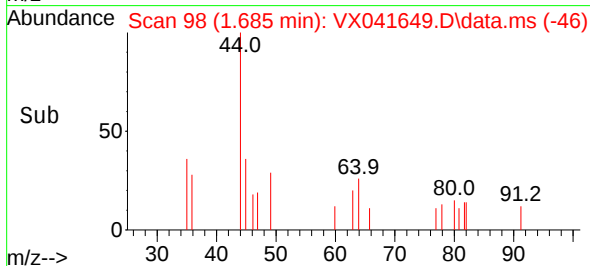
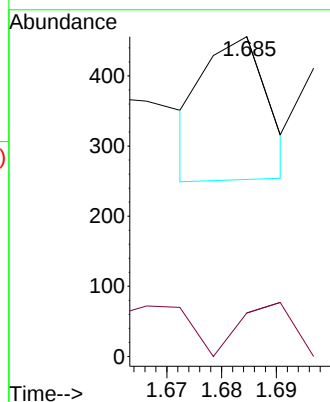
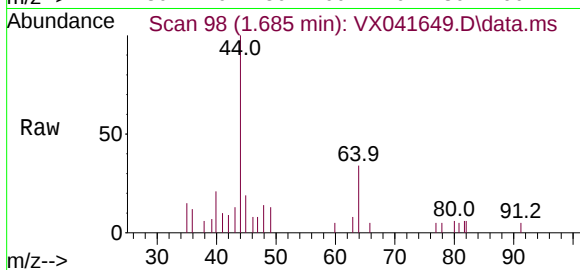
ClientSampleId :

Tgt Ion: 64 Resp: 163

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: 6.592 ug/l

RT: 2.995 min Scan# 313

Delta R.T. -0.024 min

Lab File: VX041649.D

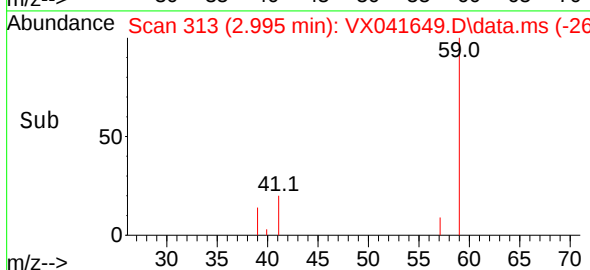
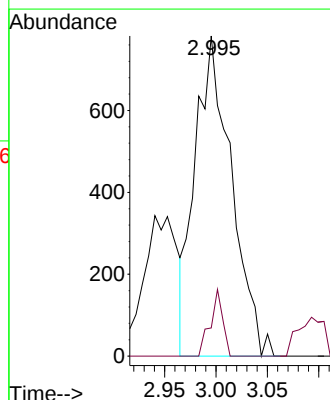
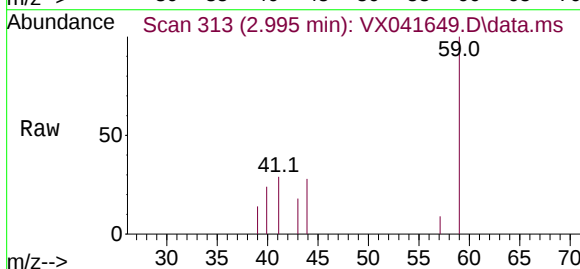
Acq: 24 May 2024 12:57

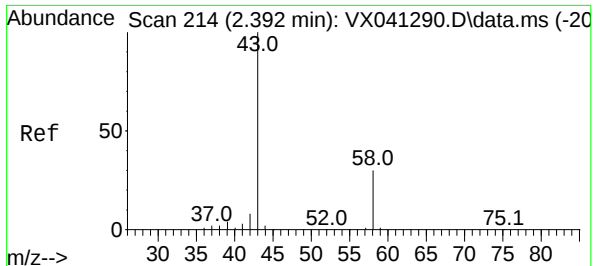
Tgt Ion: 59 Resp: 1925

Ion Ratio Lower Upper

59 100

57 7.2 6.0 9.0

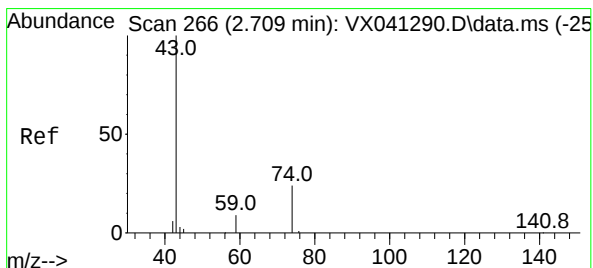
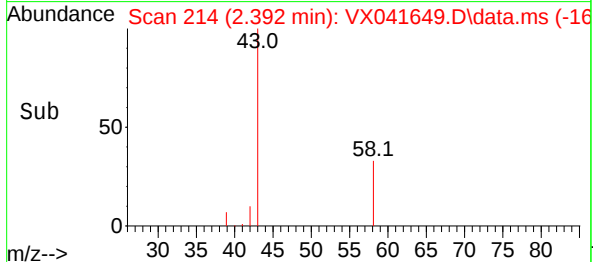
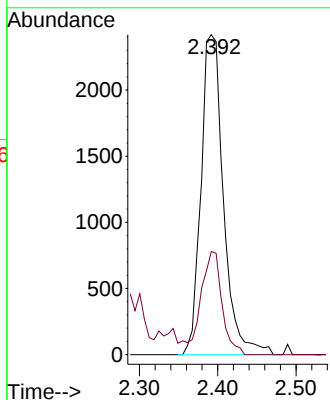
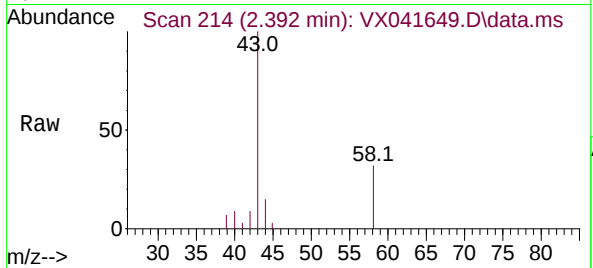




#16
Acetone
Concen: 3.653 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041649.D
Acq: 24 May 2024 12:57

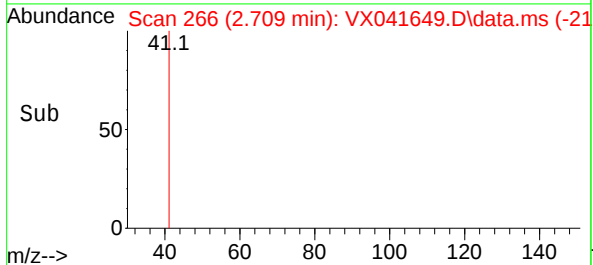
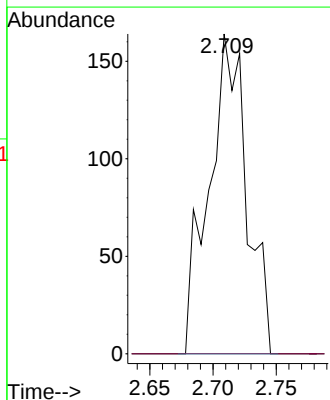
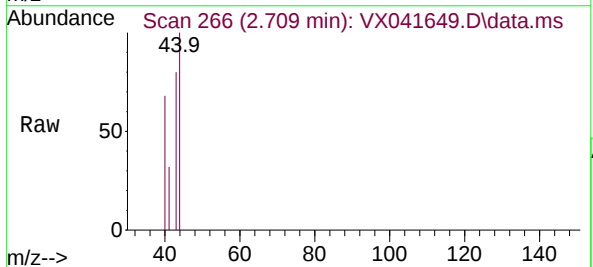
Instrument :
MSVOA_X
ClientSampleId :

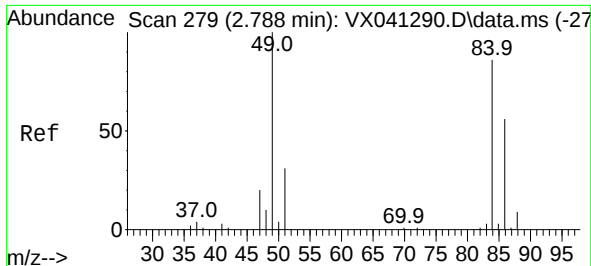
Tgt Ion: 43 Resp: 4823
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9



#18
Methyl Acetate
Concen: 0.228 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041649.D
Acq: 24 May 2024 12:57

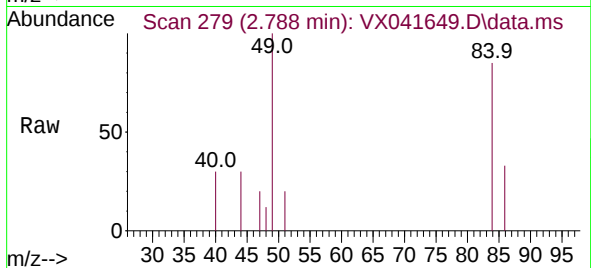
Tgt Ion: 43 Resp: 341
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



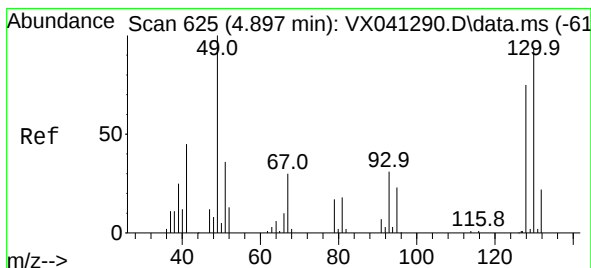
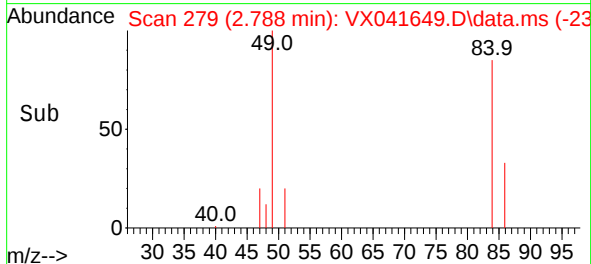
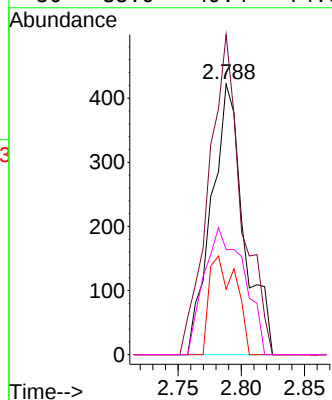


#20
Methylene Chloride
Concen: 0.593 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041649.D
Acq: 24 May 2024 12:57

Instrument :
MSVOA_X
ClientSampleId :

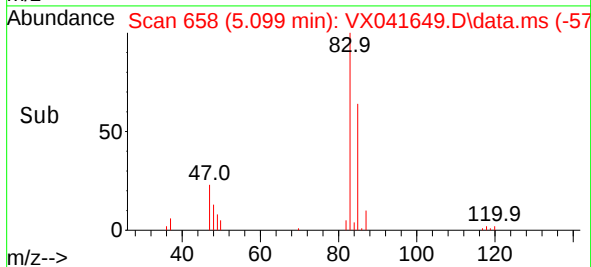
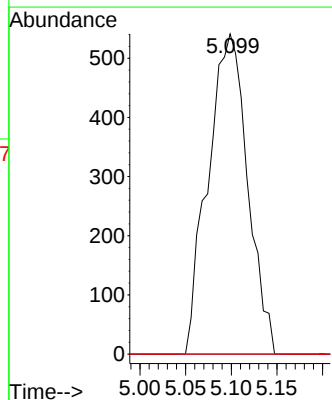
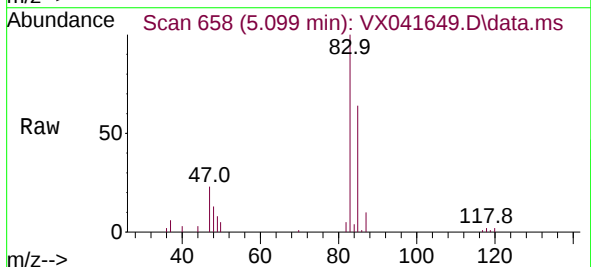


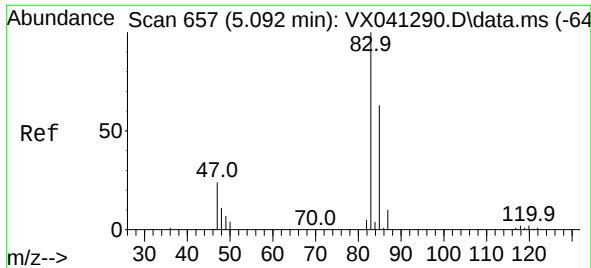
Tgt	Ion: 84	Resp:	751
Ion	Ratio	Lower	Upper
84	100		
49	118.2	103.6	155.4
51	24.2	33.8	50.6#
86	38.9	49.4	74.0#



#28
Bromochloromethane
Concen: 2.185 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.202 min
Lab File: VX041649.D
Acq: 24 May 2024 12:57

Tgt Ion: 49	Resp: 1629
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 0.0	57.5 86.3#





#30

Chloroform

Concen: 9.463 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX041649.D

Acq: 24 May 2024 12:57

Instrument :

MSVOA_X

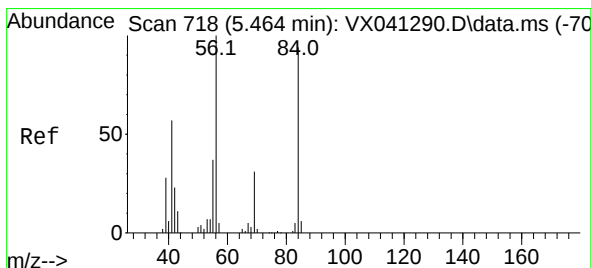
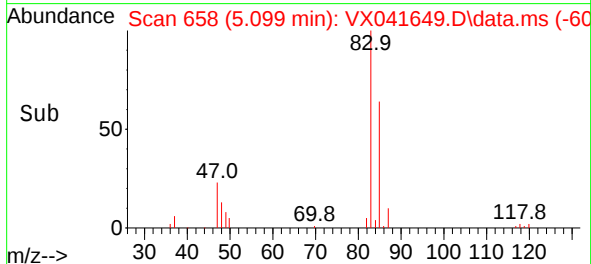
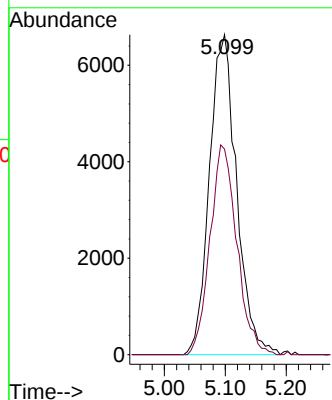
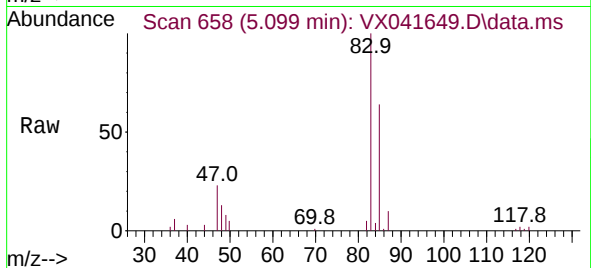
ClientSampleId :

Tgt Ion: 83 Resp: 20567

Ion Ratio Lower Upper

83 100

85 64.2 50.3 75.5



#31

Cyclohexane

Concen: 1.419 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX041649.D

Acq: 24 May 2024 12:57

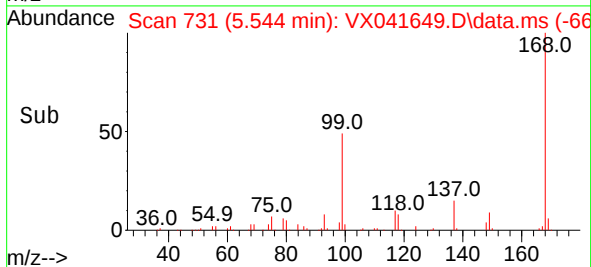
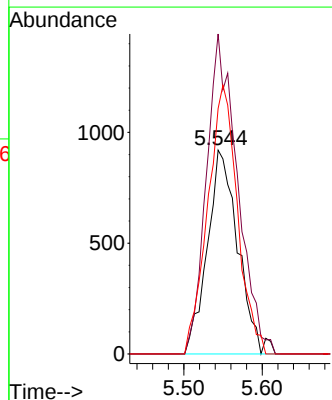
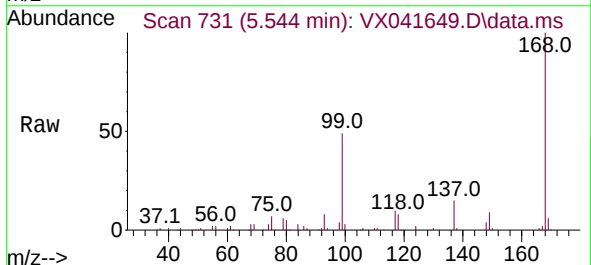
Tgt Ion: 56 Resp: 2498

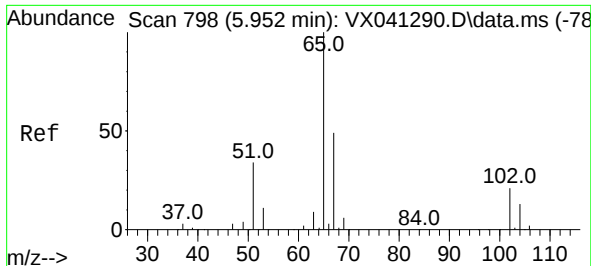
Ion Ratio Lower Upper

56 100

69 157.0 23.4 35.2#

84 120.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.359 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041649.D

Acq: 24 May 2024 12:57

Instrument :

MSVOA_X

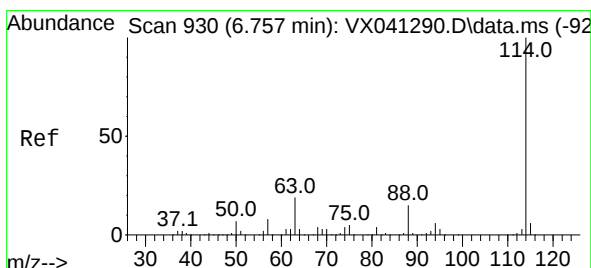
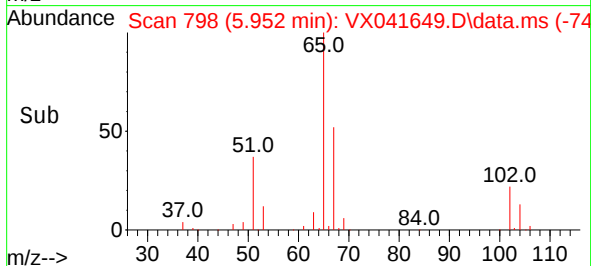
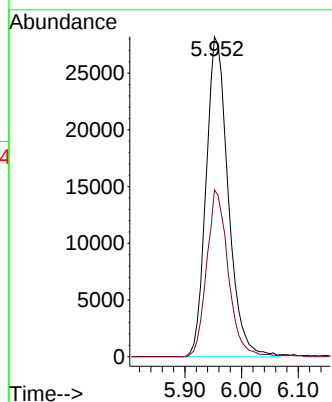
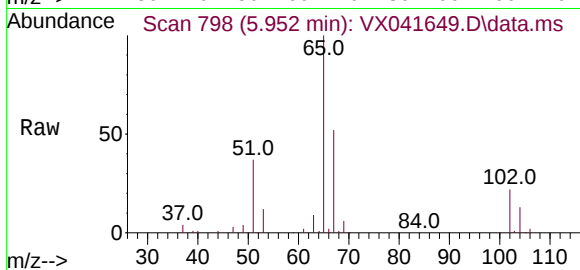
ClientSampleId :

Tgt Ion: 65 Resp: 76389

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041649.D

Acq: 24 May 2024 12:57

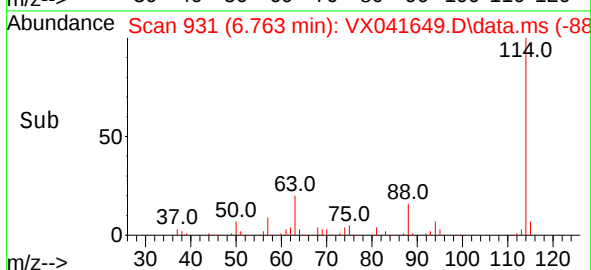
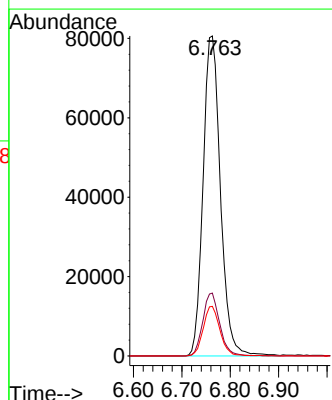
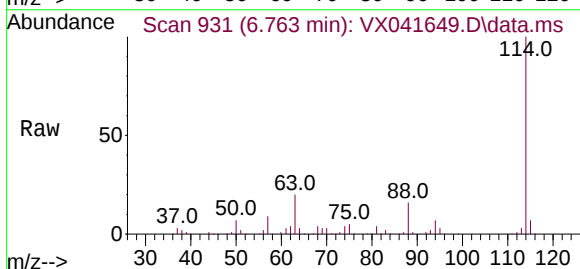
Tgt Ion: 114 Resp: 201198

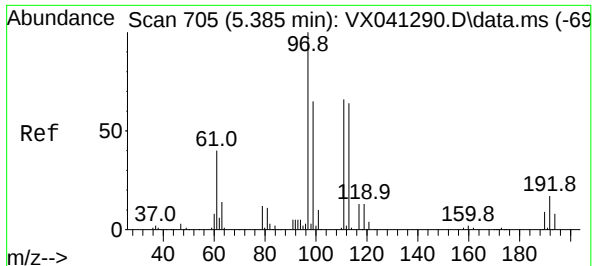
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.727 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

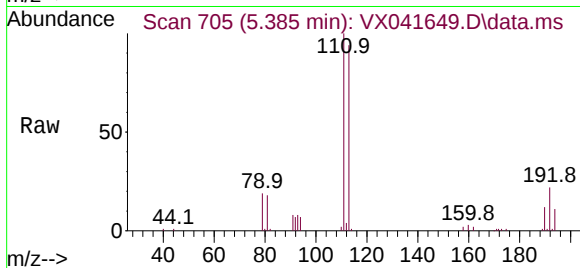
Lab File: VX041649.D

Acq: 24 May 2024 12:57

Instrument :

MSVOA_X

ClientSampleId :



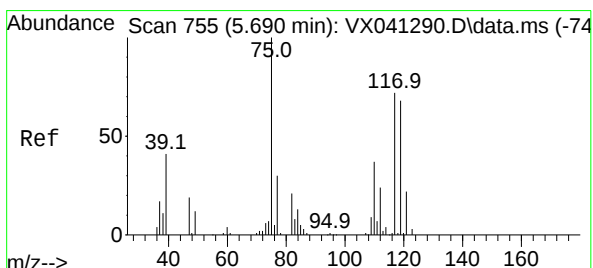
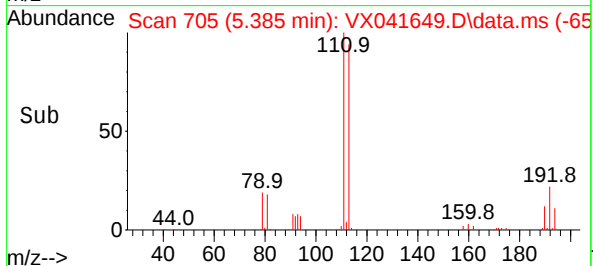
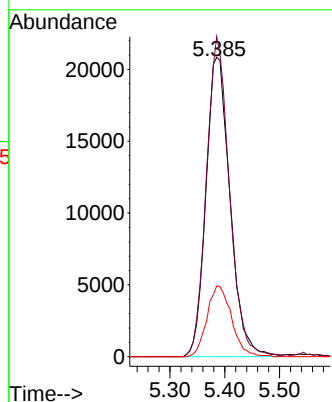
Tgt Ion:113 Resp: 63711

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 24.1 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 5.425 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX041649.D

Acq: 24 May 2024 12:57

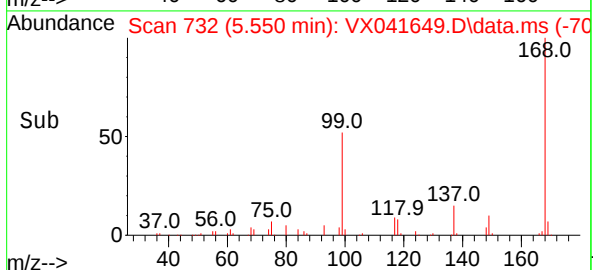
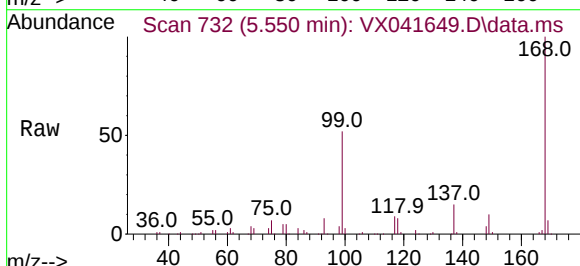
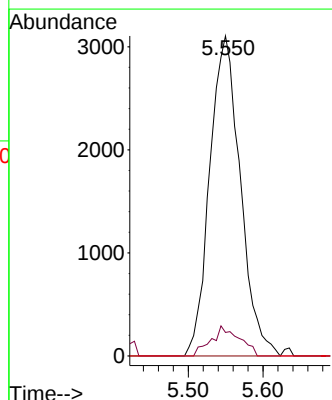
Tgt Ion: 75 Resp: 8844

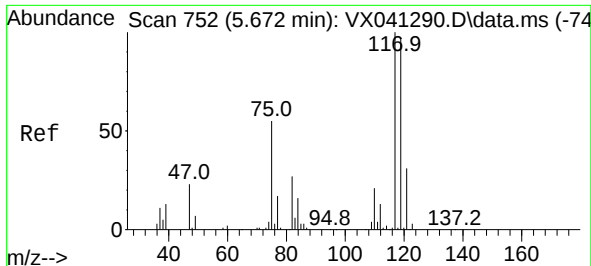
Ion Ratio Lower Upper

75 100

110 8.6 17.0 50.9#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.253 ug/l

RT: 5.544 min Scan# 752

Delta R.T. -0.128 min

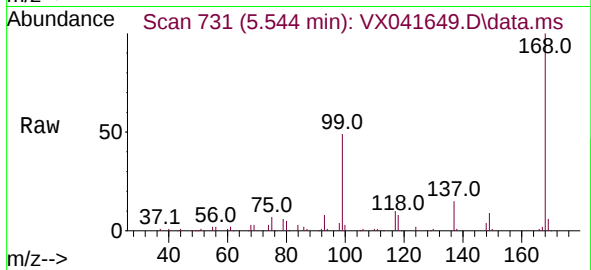
Lab File: VX041649.D

Acq: 24 May 2024 12:57

Instrument :

MSVOA_X

ClientSampleId :



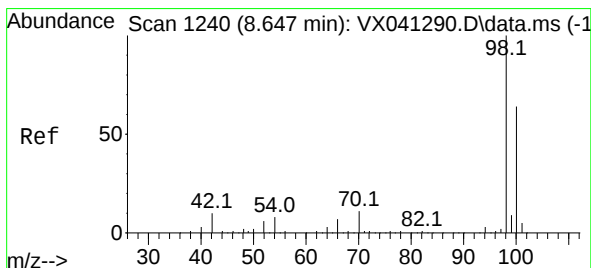
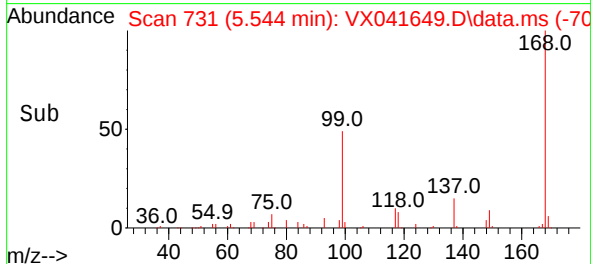
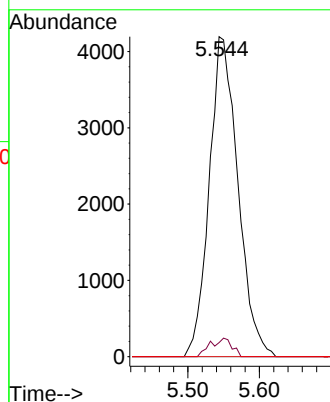
Tgt Ion:117 Resp: 11679

Ion Ratio Lower Upper

117 100

119 4.4 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 54.450 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041649.D

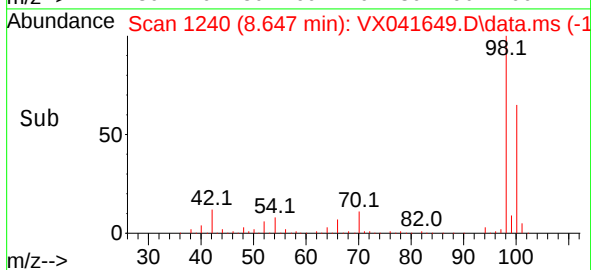
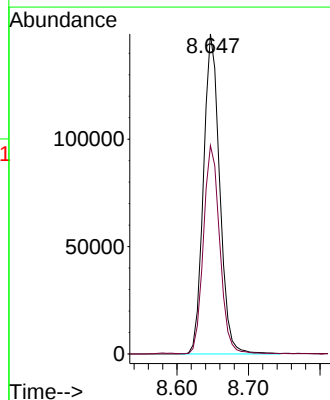
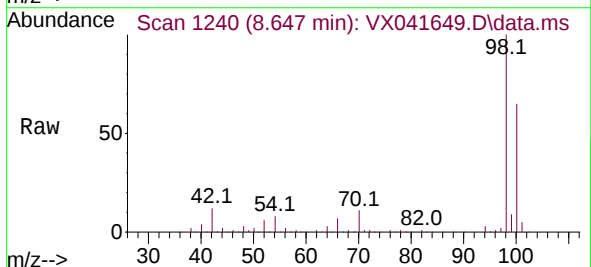
Acq: 24 May 2024 12:57

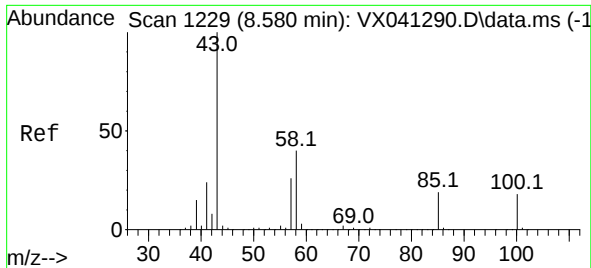
Tgt Ion: 98 Resp: 234977

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7

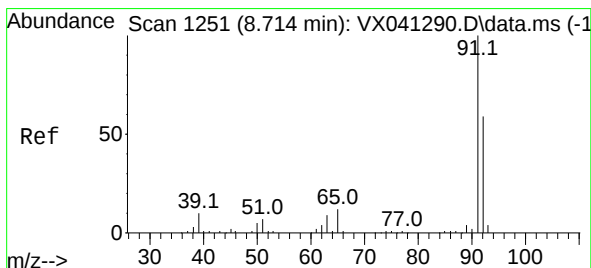
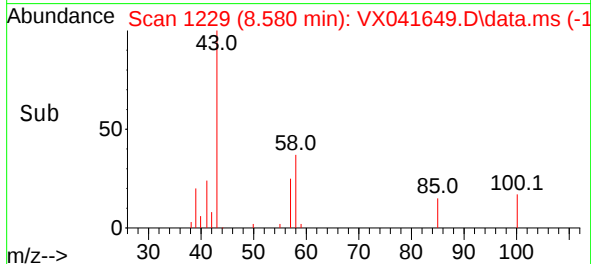
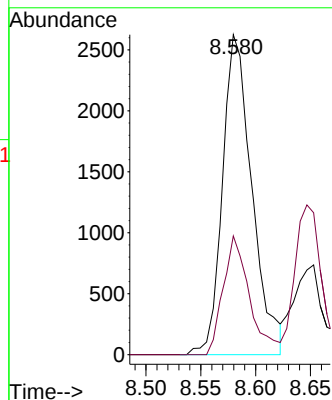
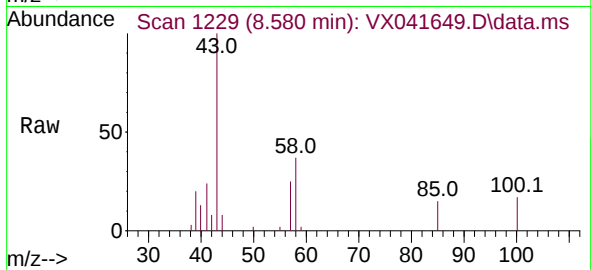




#51
4-Methyl-2-Pentanone
Concen: 2.673 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041649.D
Acq: 24 May 2024 12:57

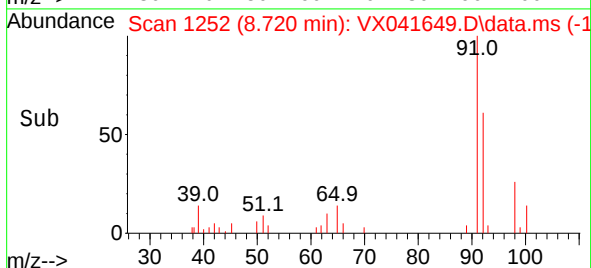
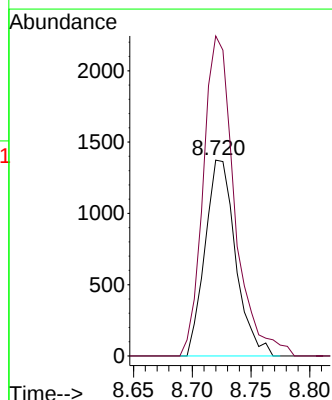
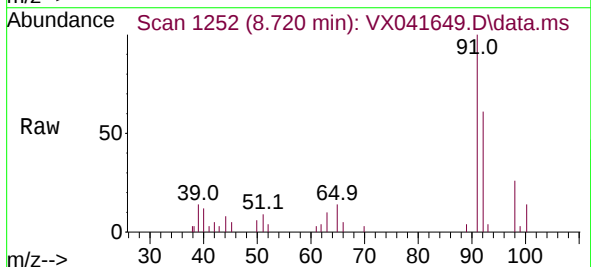
Instrument :
MSVOA_X
ClientSampleId :

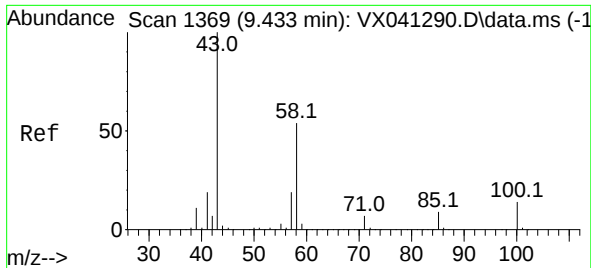
Tgt Ion: 43 Resp: 4906
Ion Ratio Lower Upper
43 100
58 33.4 30.4 45.6



#52
Toluene
Concen: 0.808 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX041649.D
Acq: 24 May 2024 12:57

Tgt Ion: 92 Resp: 2483
Ion Ratio Lower Upper
92 100
91 167.9 134.2 201.2





#59

2-Hexanone

Concen: 2.946 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.091 min

Lab File: VX041649.D

Acq: 24 May 2024 12:57

Instrument :

MSVOA_X

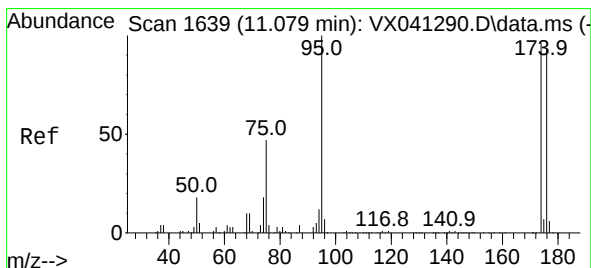
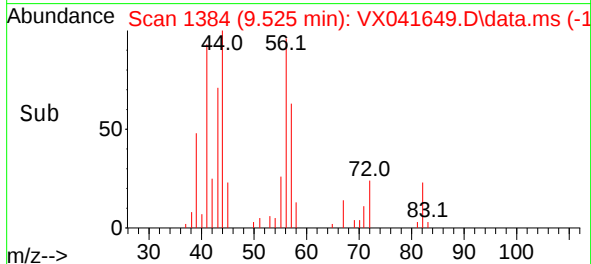
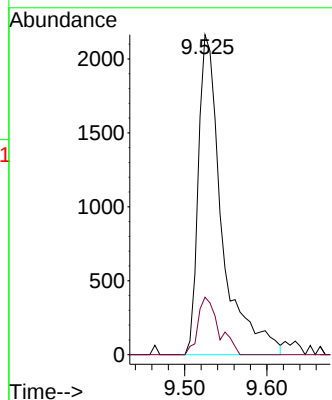
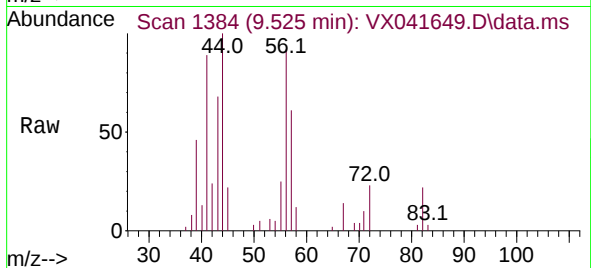
ClientSampleId :

Tgt Ion: 43 Resp: 4324

Ion Ratio Lower Upper

43 100

58 15.7 26.2 78.5#



#62

4-Bromofluorobenzene

Concen: 52.677 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041649.D

Acq: 24 May 2024 12:57

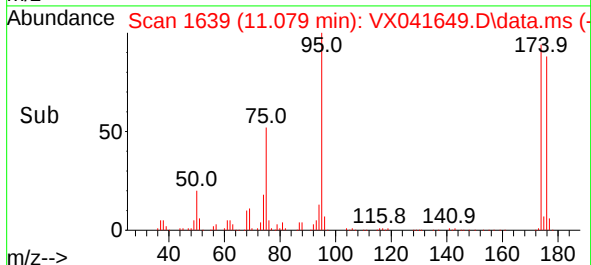
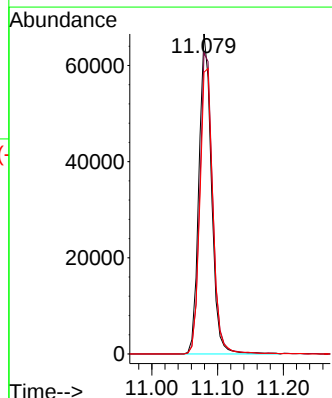
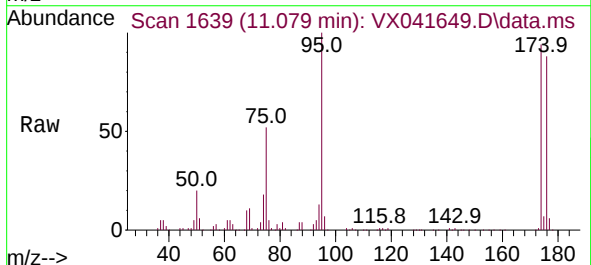
Tgt Ion: 95 Resp: 87999

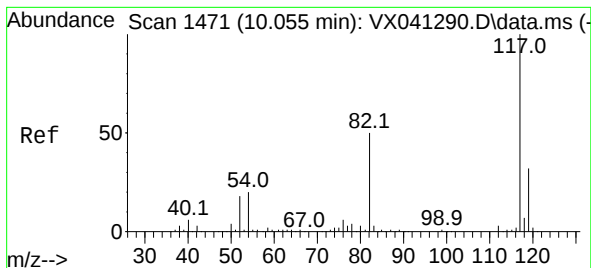
Ion Ratio Lower Upper

95 100

174 96.8 0.0 135.6

176 93.3 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: VX041649.D

Acq: 24 May 2024 12:57

Instrument :

MSVOA_X

ClientSampleId :

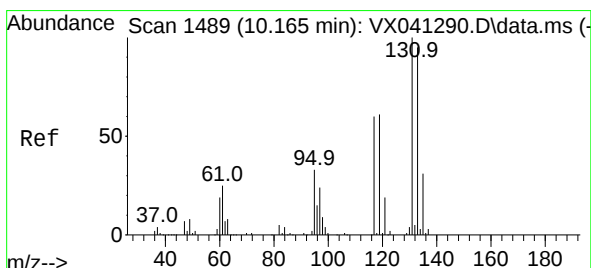
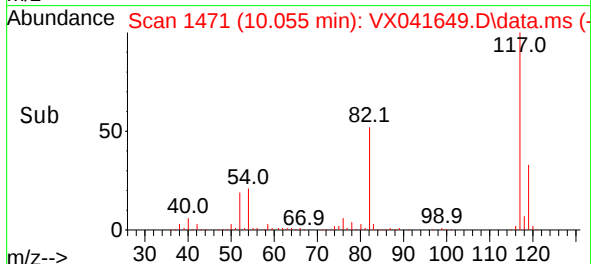
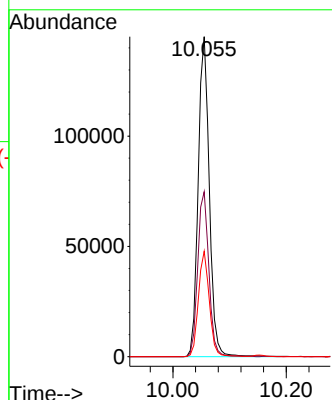
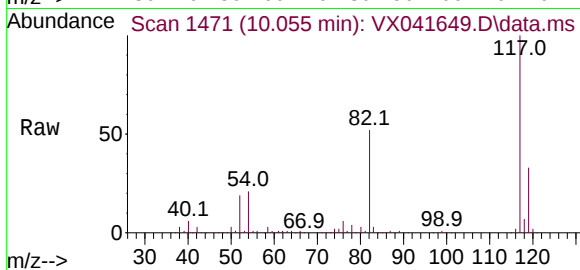
Tgt Ion:117 Resp: 197106

Ion Ratio Lower Upper

117 100

82 51.5 46.2 69.4

119 32.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 0.692 ug/l

RT: 10.153 min Scan# 1487

Delta R.T. -0.012 min

Lab File: VX041649.D

Acq: 24 May 2024 12:57

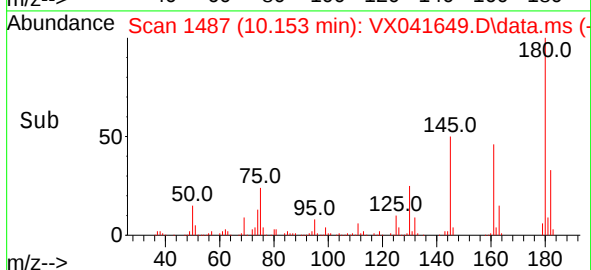
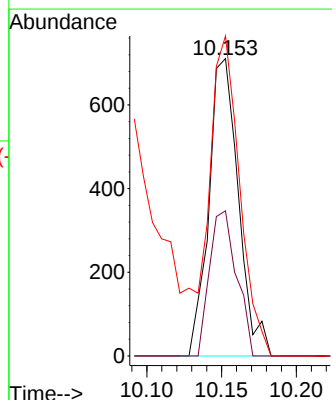
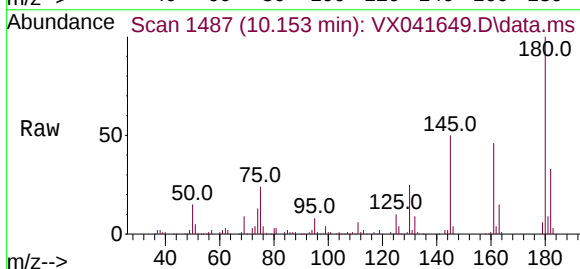
Tgt Ion:131 Resp: 978

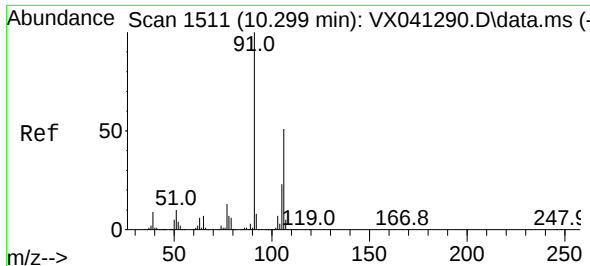
Ion Ratio Lower Upper

131 100

133 44.7 47.1 141.4#

119 0.0 32.2 96.6#





#68

m/p-Xylenes

Concen: 0.333 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041649.D

Acq: 24 May 2024 12:57

Instrument :

MSVOA_X

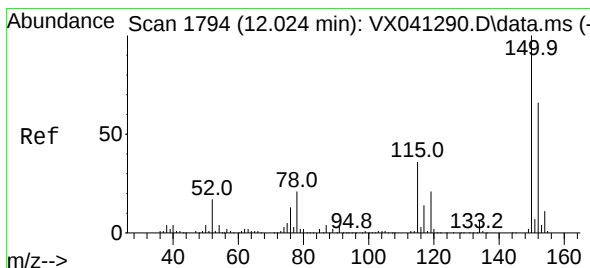
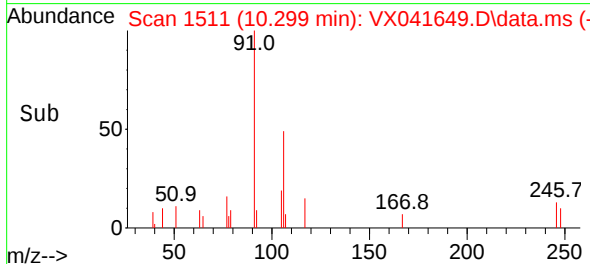
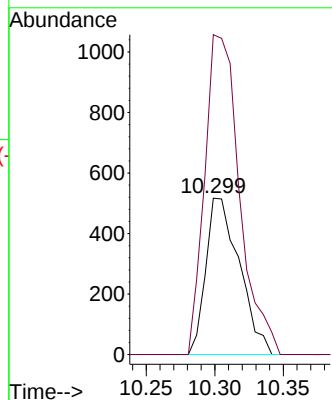
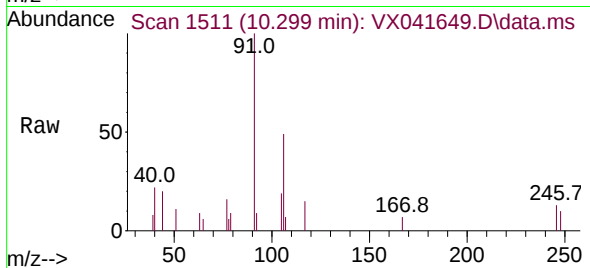
ClientSampleId :

Tgt Ion:106 Resp: 880

Ion Ratio Lower Upper

106 100

91 213.0 165.5 248.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041649.D

Acq: 24 May 2024 12:57

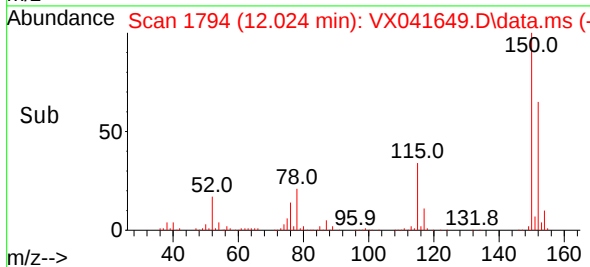
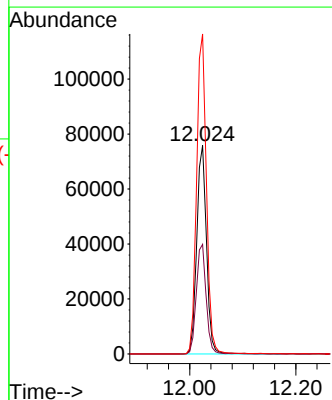
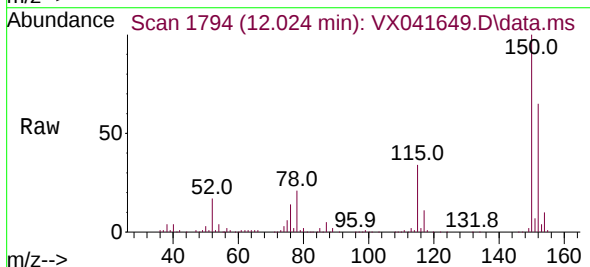
Tgt Ion:152 Resp: 96595

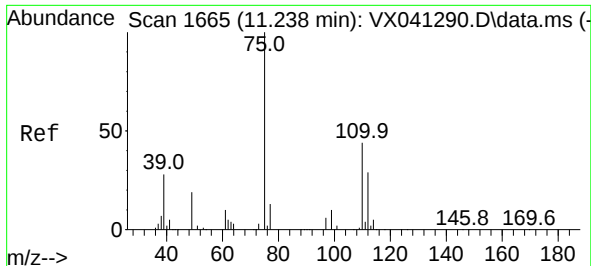
Ion Ratio Lower Upper

152 100

115 53.0 43.3 129.9

150 154.2 0.0 345.0

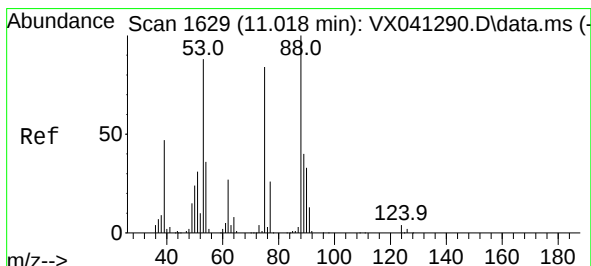
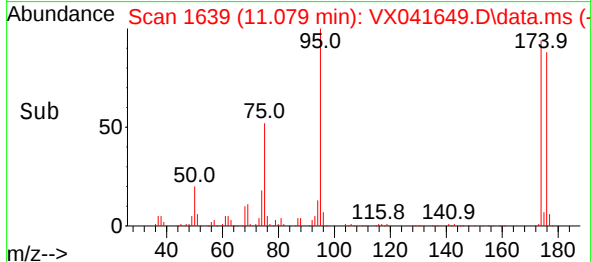
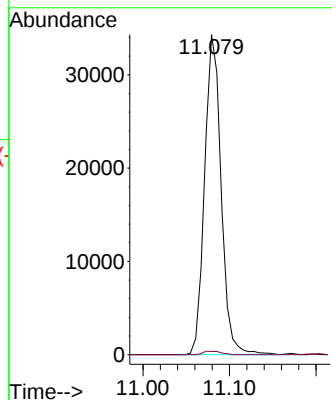
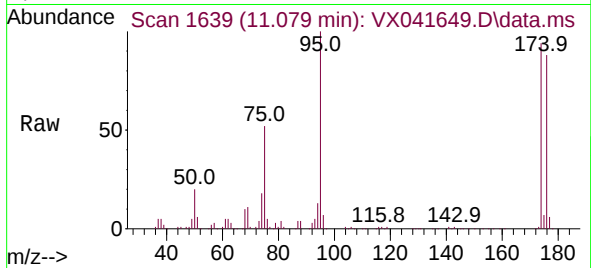




#76
1,2,3-Trichloropropane
Concen: 28.876 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041649.D
Acq: 24 May 2024 12:57

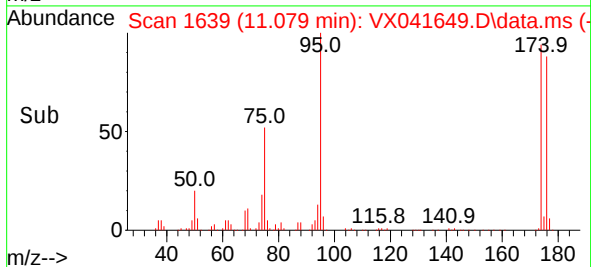
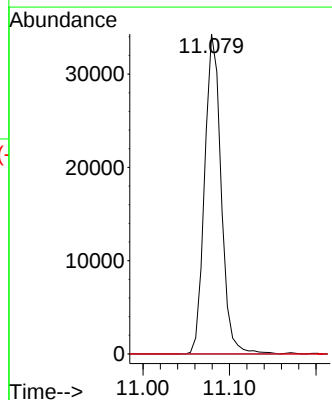
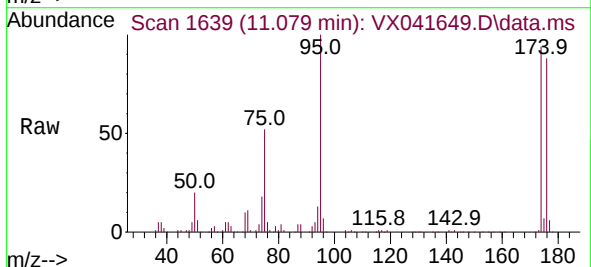
Instrument :
MSVOA_X
ClientSampleId :

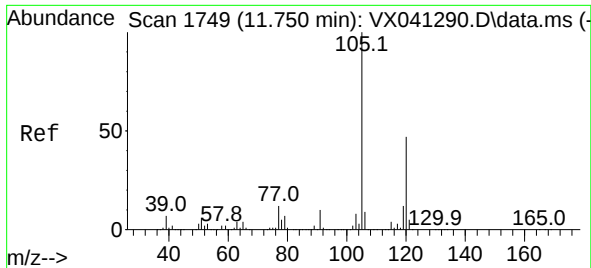
Tgt Ion: 75 Resp: 45457
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.656 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041649.D
Acq: 24 May 2024 12:57

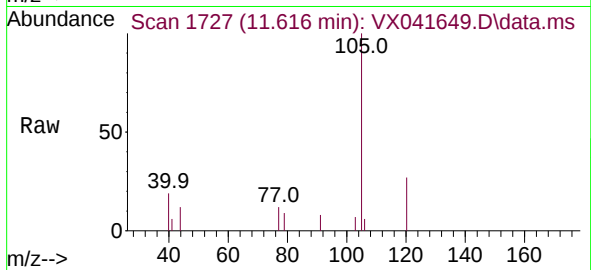
Tgt Ion: 75 Resp: 45457
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.279 ug/l
 RT: 11.616 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VX041649.D
 Acq: 24 May 2024 12:57

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:105 Resp: 1347
 Ion Ratio Lower Upper
 105 100
 120 29.5 21.2 63.6

