

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052424\
 Data File : VX041642.D
 Acq On : 24 May 2024 10:00
 Operator : JC/MD
 Sample : VX0524MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 25 04:19:18 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)

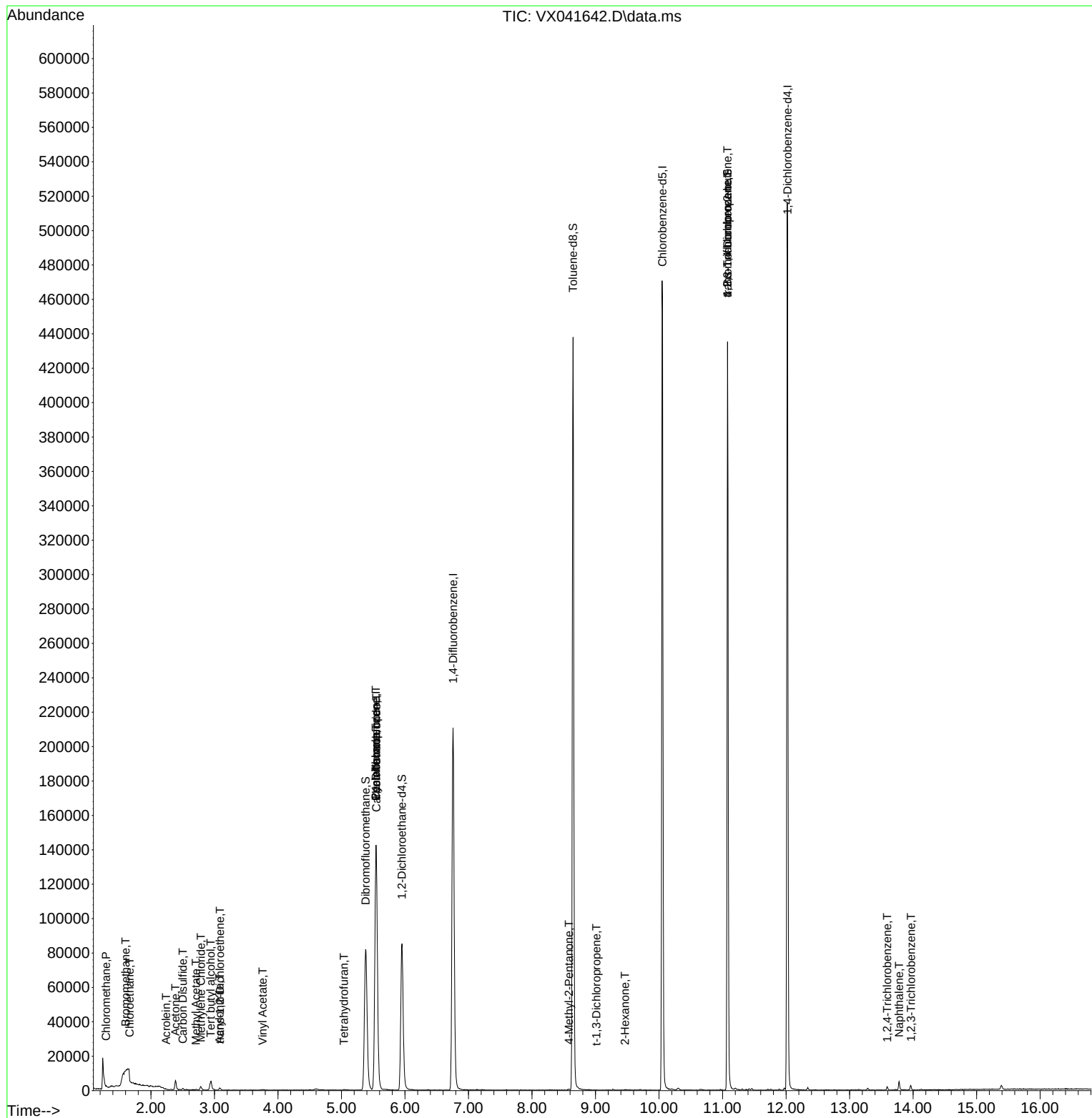
Internal Standards						
1) Pentafluorobenzene	5.544	168	148660	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	225713	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85417	52.780	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.560%
35) Dibromofluoromethane	5.379	113	72496	47.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.800%
50) Toluene-d8	8.647	98	264488	54.632	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.260%
62) 4-Bromofluorobenzene	11.079	95	103475	55.213	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.420%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	336	0.266	ug/l	# 73
5) Bromomethane	1.599	94	486	0.643	ug/l	# 78
6) Chloroethane	1.666	64	272	0.486	ug/l	93
11) Tert butyl alcohol	2.941	59	3456	10.669	ug/l	# 78
13) Acrolein	2.239	56	232	0.903	ug/l	100
15) Acrylonitrile	3.081	53	470	0.636	ug/l	98
16) Acetone	2.386	43	5996	4.574	ug/l	98
17) Carbon Disulfide	2.502	76	1158	0.428	ug/l	# 76
18) Methyl Acetate	2.709	43	506	0.306	ug/l	# 70
20) Methylene Chloride	2.788	84	1028	0.732	ug/l	# 90
21) trans-1,2-Dichloroethene	3.087	96	267	0.207	ug/l	# 77
23) Vinyl Acetate	3.757	43	929	0.253	ug/l	# 73
29) Tetrahydrofuran	5.038	42	290	0.423	ug/l	# 40
31) Cyclohexane	5.544	56	2670	1.367	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	9564	5.229	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	13335	6.364	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.580	43	556	0.270	ug/l	# 82
53) t-1,3-Dichloropropene	9.013	75	24	2.452	ug/l	# 43
59) 2-Hexanone	9.464	43	430	0.261	ug/l	69
76) 1,2,3-Trichloropropane	11.079	75	52783	27.857	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	52783	75.878	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	931	0.346	ug/l	82
95) Naphthalene	13.780	128	4030	0.506	ug/l	99
96) 1,2,3-Trichlorobenzene	13.969	180	955	0.348	ug/l	90

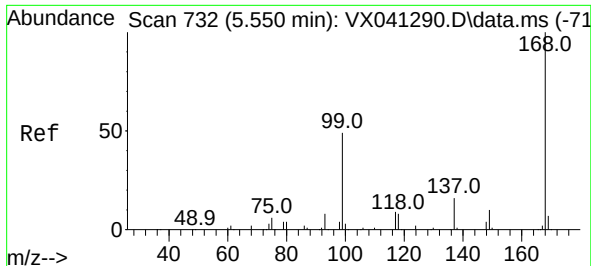
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052424\
Data File : VX041642.D
Acq On : 24 May 2024 10:00
Operator : JC/MD
Sample : VX0524MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

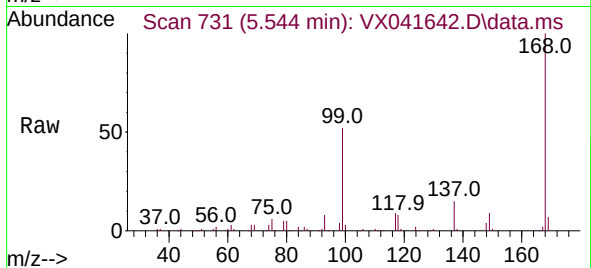
Quant Time: May 25 04:19:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



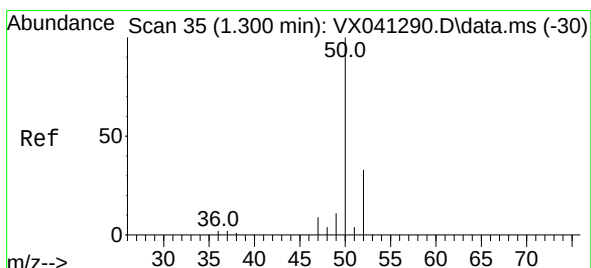
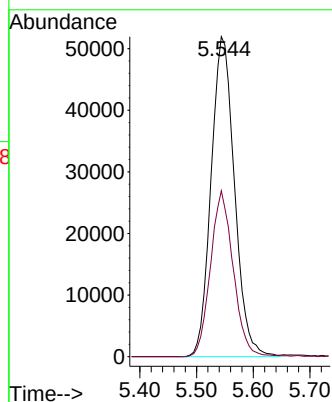
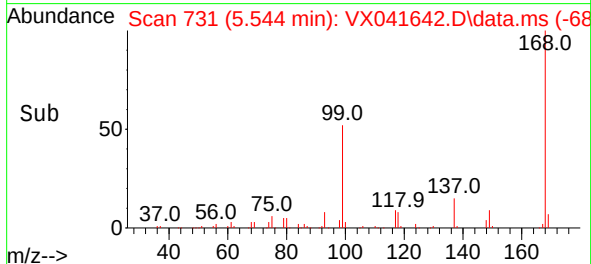


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041642.D
Acq: 24 May 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :

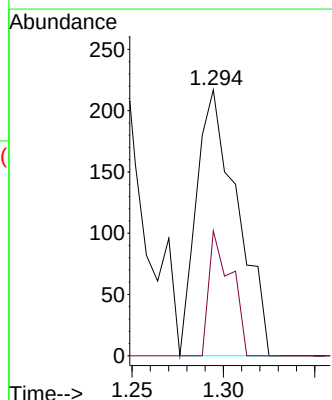
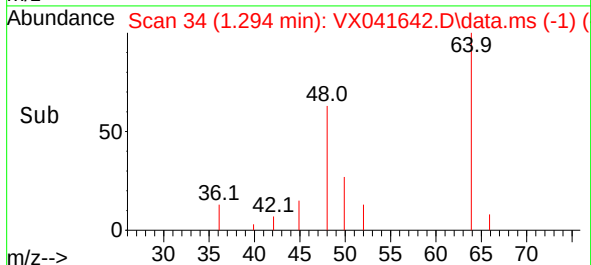
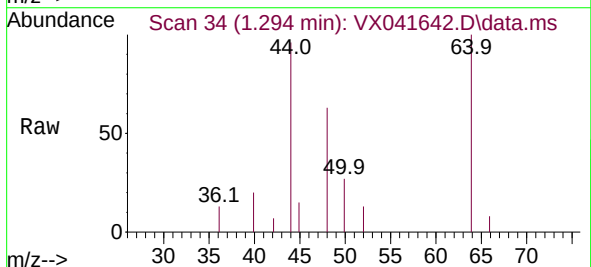


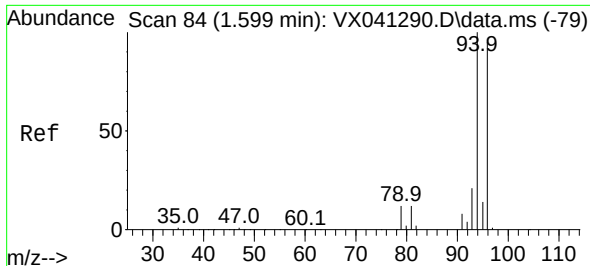
Tgt Ion:168 Resp: 148660
Ion Ratio Lower Upper
168 100
99 51.8 56.6 85.0#



#3
Chloromethane
Concen: 0.266 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041642.D
Acq: 24 May 2024 10:00

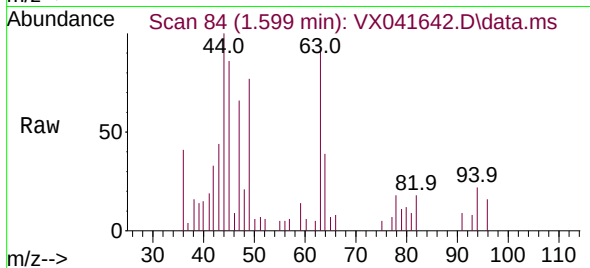
Tgt Ion: 50 Resp: 336
Ion Ratio Lower Upper
50 100
52 47.0 25.5 38.3#



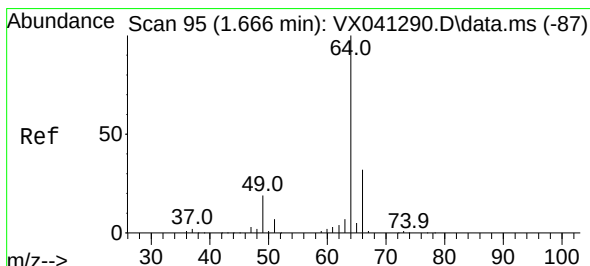
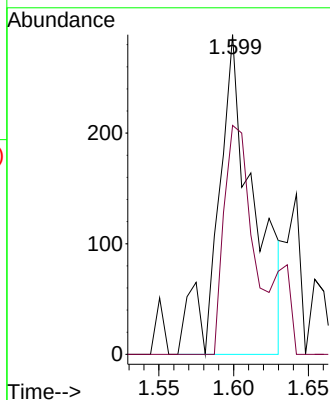
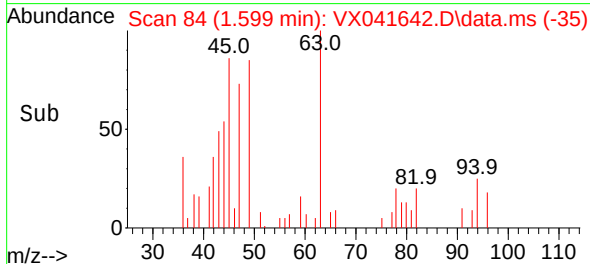


#5
Bromomethane
Concen: 0.643 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041642.D
Acq: 24 May 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :

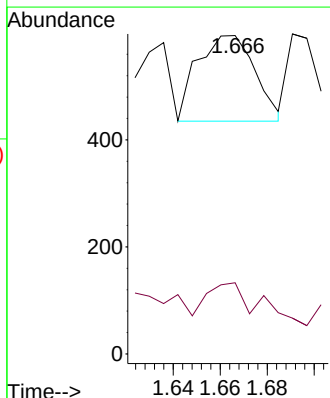
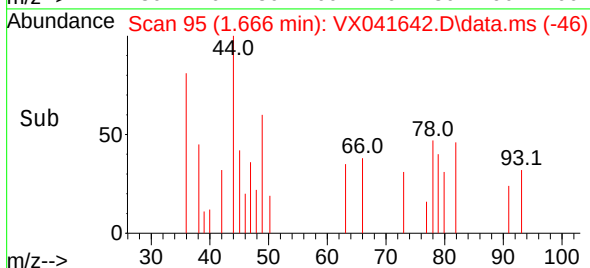
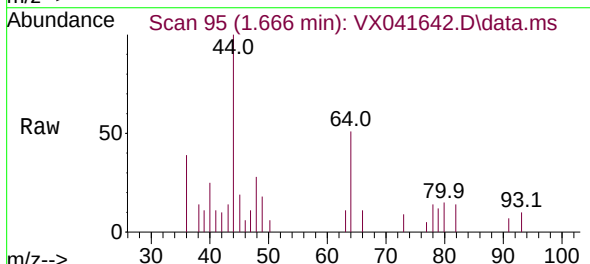


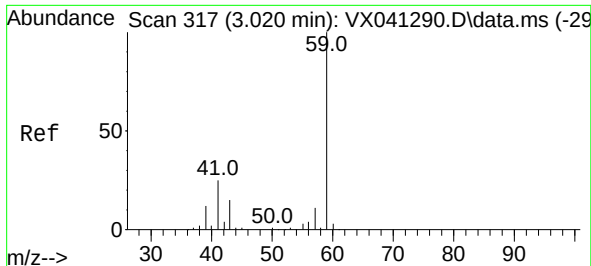
Tgt Ion: 94 Resp: 486
Ion Ratio Lower Upper
94 100
96 71.6 74.6 111.8#



#6
Chloroethane
Concen: 0.486 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041642.D
Acq: 24 May 2024 10:00

Tgt Ion: 64 Resp: 272
Ion Ratio Lower Upper
64 100
66 35.0 25.1 37.7





#11

Tert butyl alcohol

Concen: 10.669 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.079 min

Lab File: VX041642.D

Acq: 24 May 2024 10:00

Instrument :

MSVOA_X

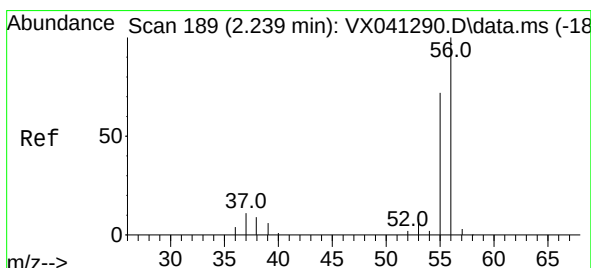
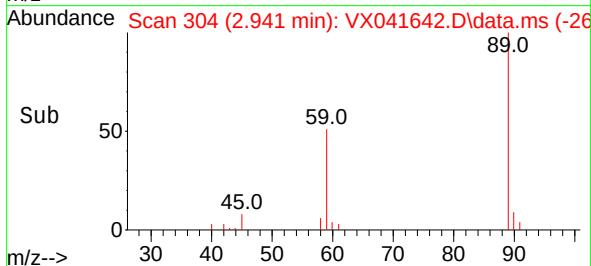
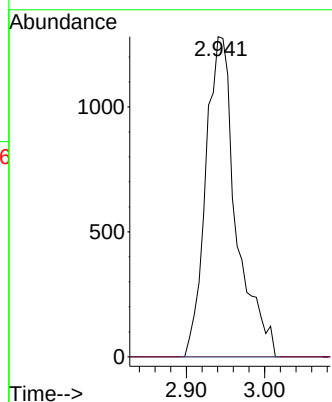
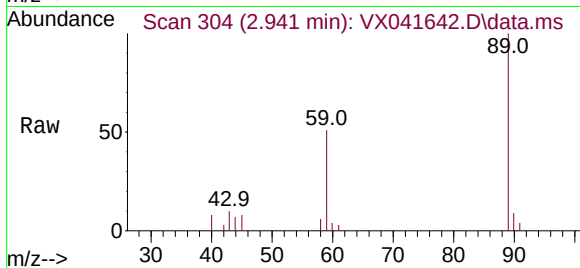
ClientSampleId :

Tgt Ion: 59 Resp: 3456

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.903 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041642.D

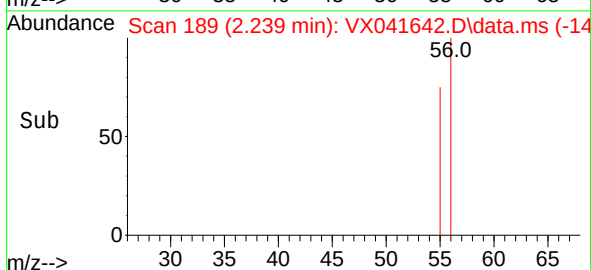
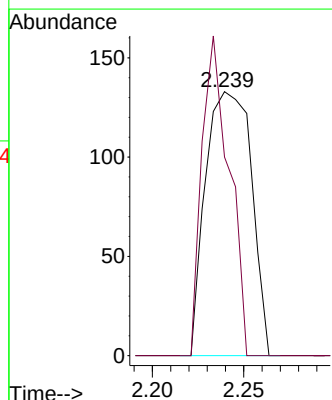
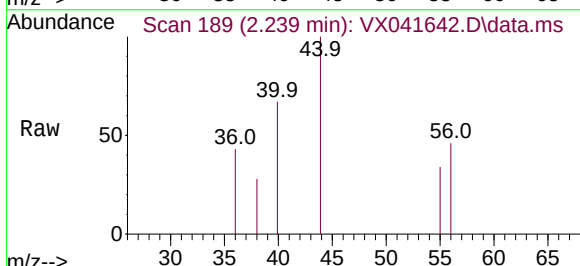
Acq: 24 May 2024 10:00

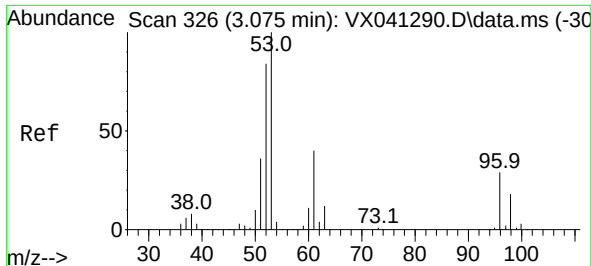
Tgt Ion: 56 Resp: 232

Ion Ratio Lower Upper

56 100

55 71.6 57.1 85.7





#15

Acrylonitrile

Concen: 0.636 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX041642.D

Acq: 24 May 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

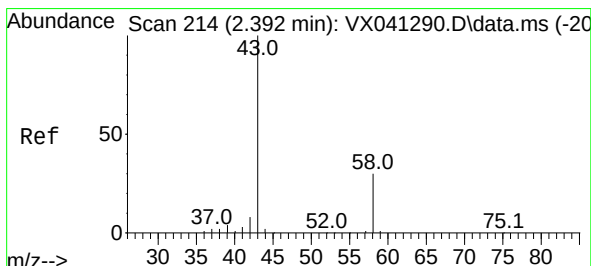
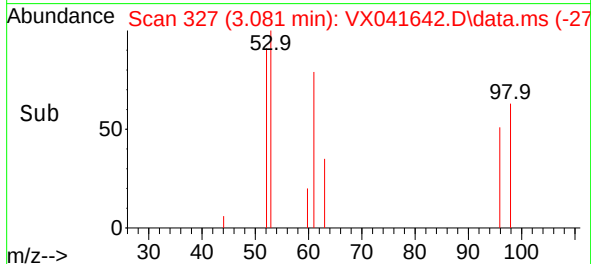
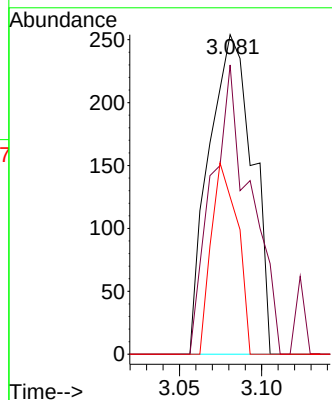
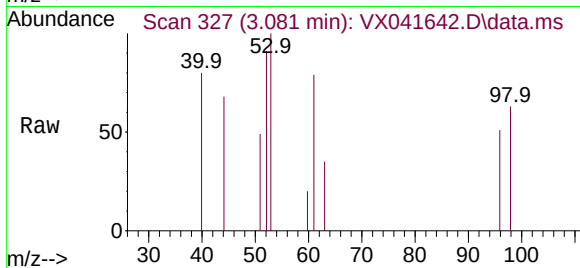
Tgt Ion: 53 Resp: 470

Ion Ratio Lower Upper

53 100

52 80.4 66.0 99.0

51 36.0 29.8 44.6



#16

Acetone

Concen: 4.574 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX041642.D

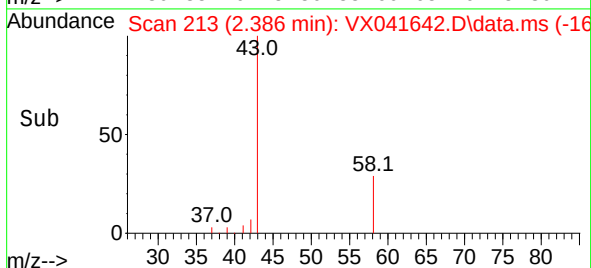
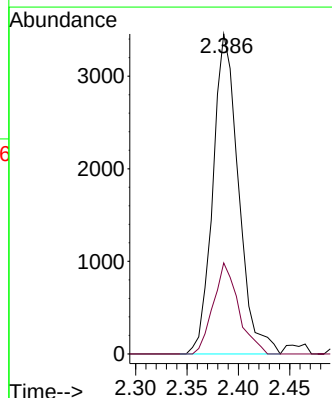
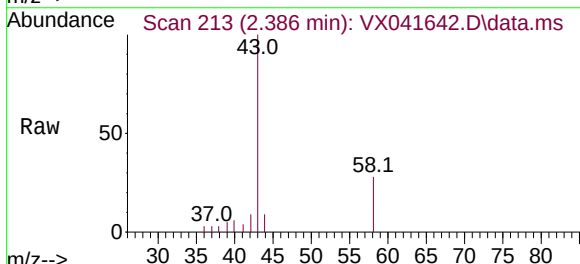
Acq: 24 May 2024 10:00

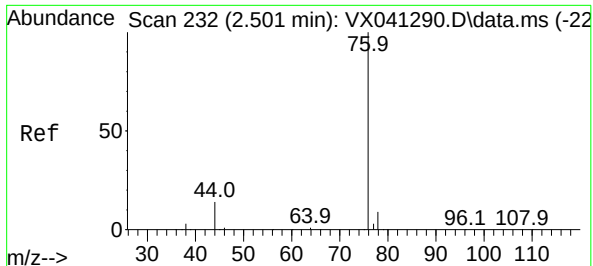
Tgt Ion: 43 Resp: 5996

Ion Ratio Lower Upper

43 100

58 28.4 21.9 32.9





#17

Carbon Disulfide

Concen: 0.428 ug/l

RT: 2.502 min Scan# 24

Delta R.T. 0.001 min

Lab File: VX041642.D

Acq: 24 May 2024 10:00

Instrument :

MSVOA_X

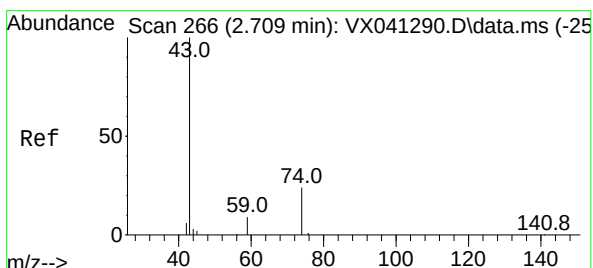
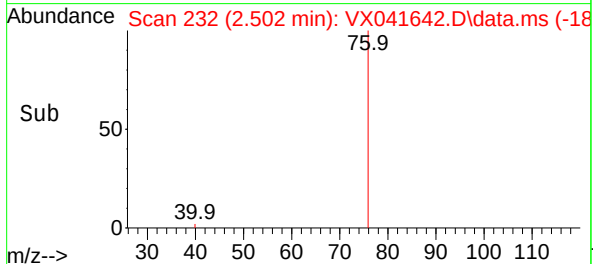
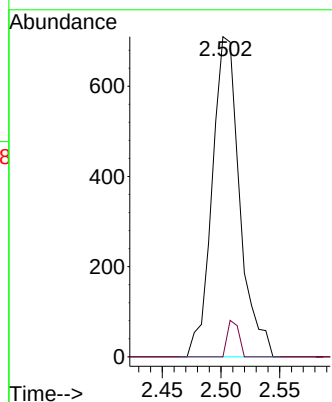
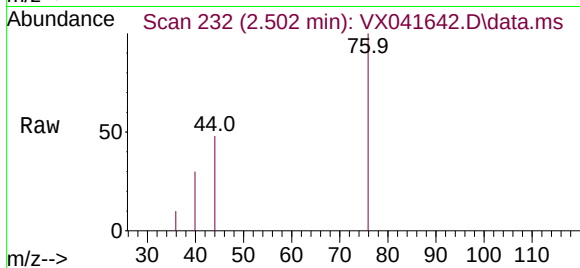
ClientSampleId :

Tgt Ion: 76 Resp: 1158

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.306 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041642.D

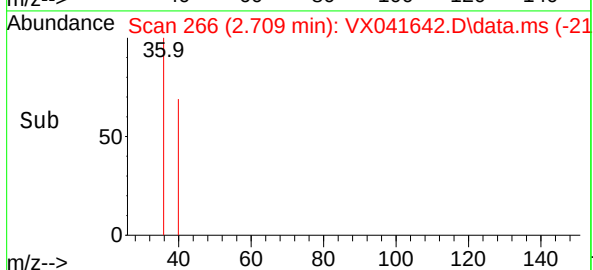
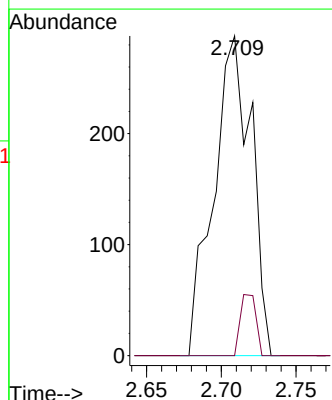
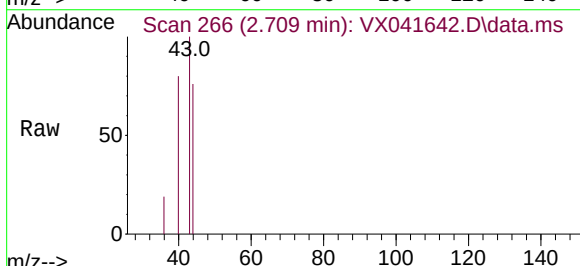
Acq: 24 May 2024 10:00

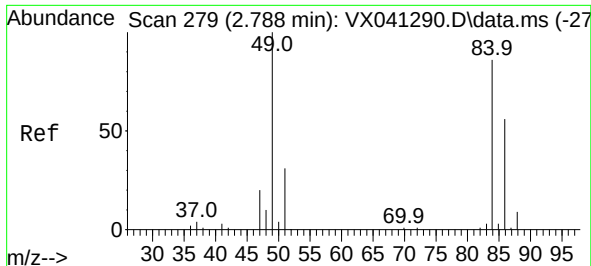
Tgt Ion: 43 Resp: 506

Ion Ratio Lower Upper

43 100

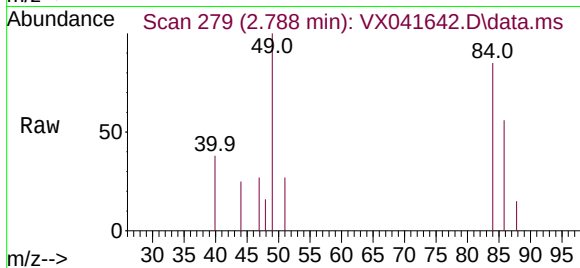
74 7.9 17.8 26.8#



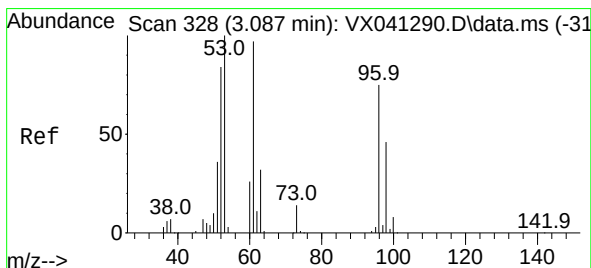
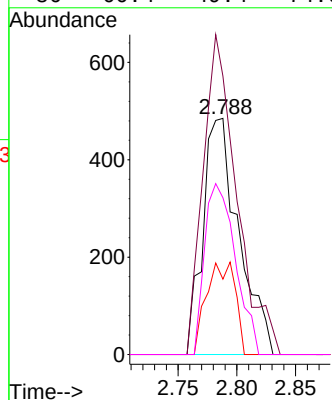


#20
Methylene Chloride
Concen: 0.732 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041642.D
Acq: 24 May 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :

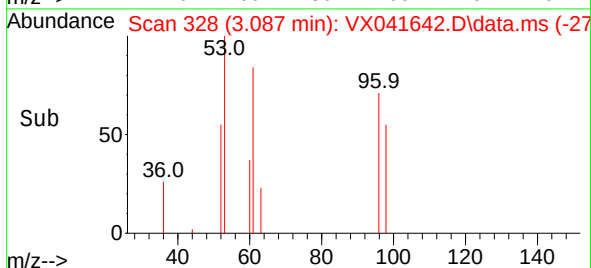
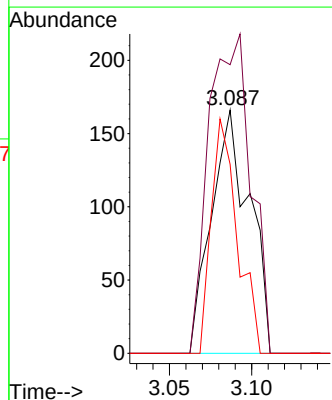
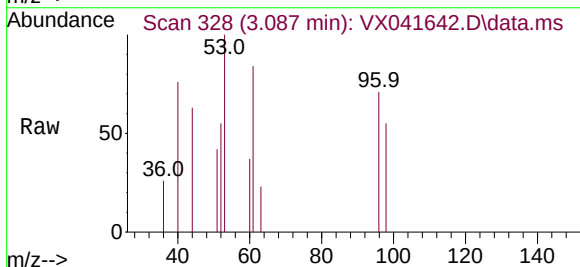


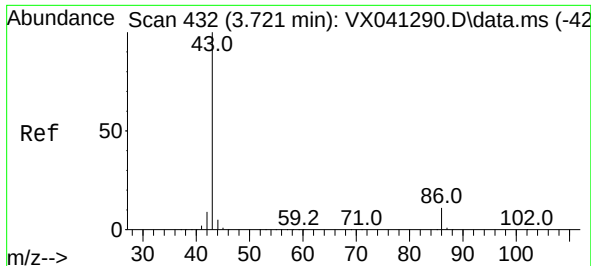
Tgt Ion: 84	Resp: 1028
Ion Ratio	Lower Upper
84 100	
49 117.9	103.6 155.4
51 32.0	33.8 50.6#
86 66.4	49.4 74.0



#21
trans-1,2-Dichloroethene
Concen: 0.207 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX041642.D
Acq: 24 May 2024 10:00

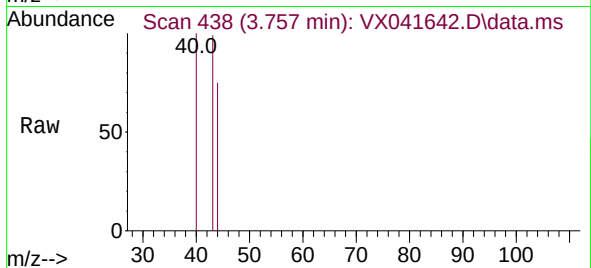
Tgt Ion: 96	Resp: 267		
Ion Ratio	Lower	Upper	
96 100			
61 118.7	119.2	178.8#	
98 77.7	48.7	73.1#	



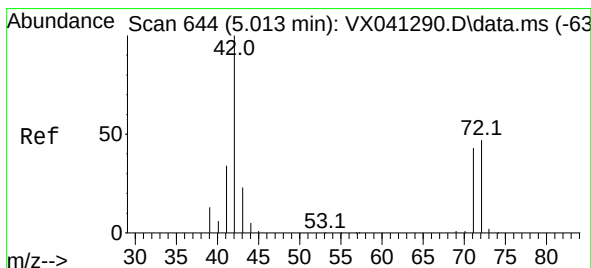
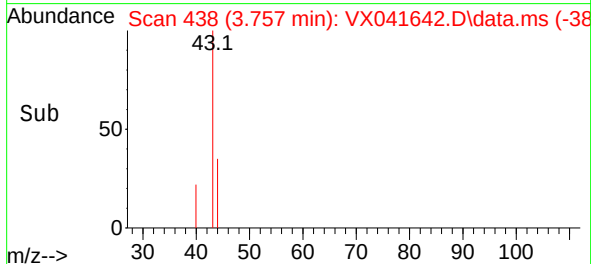
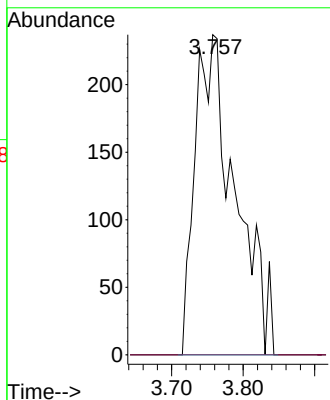


#23
Vinyl Acetate
Concen: 0.253 ug/l
RT: 3.757 min Scan# 41
Delta R.T. 0.037 min
Lab File: VX041642.D
Acq: 24 May 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :

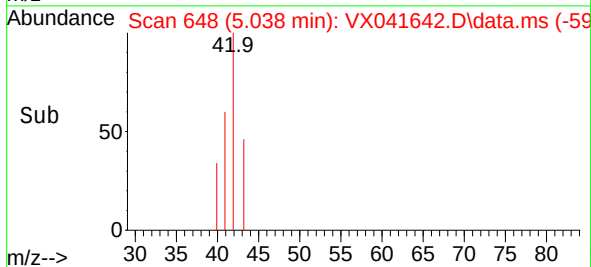
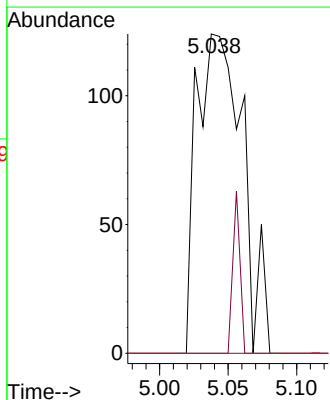
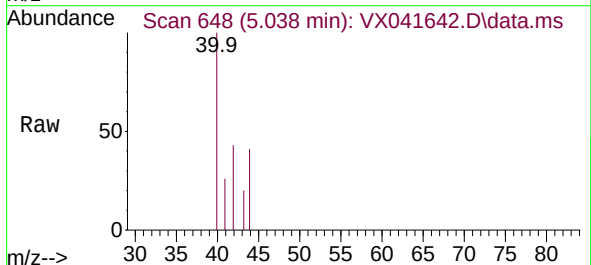


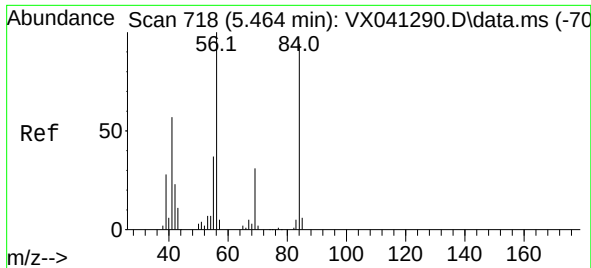
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.8#



#29
Tetrahydrofuran
Concen: 0.423 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.024 min
Lab File: VX041642.D
Acq: 24 May 2024 10:00

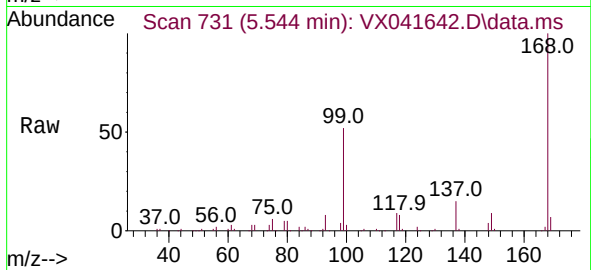
Tgt Ion: 42 Resp: 290
Ion Ratio Lower Upper
42 100
72 7.9 34.2 51.4#
71 0.0 32.2 48.2#



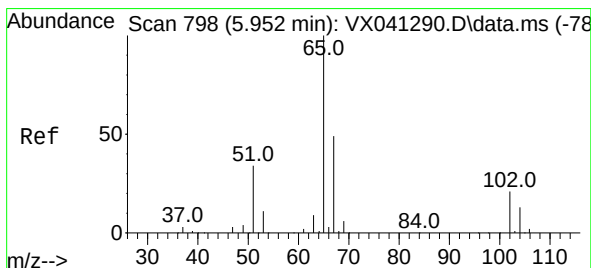
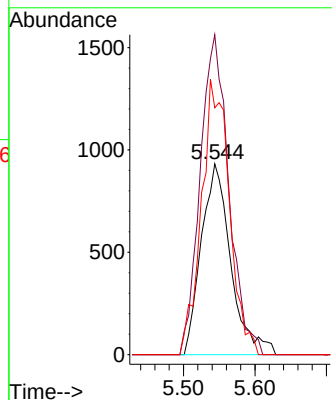
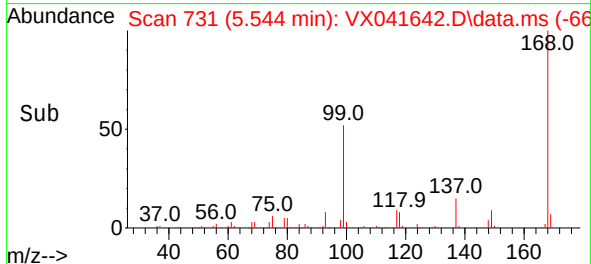


#31
Cyclohexane
Concen: 1.367 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041642.D
Acq: 24 May 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :

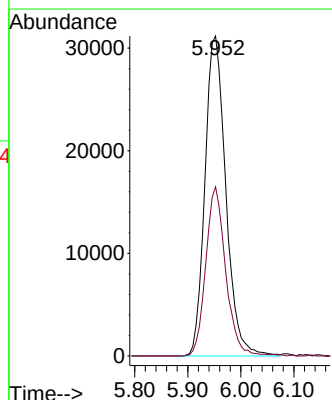
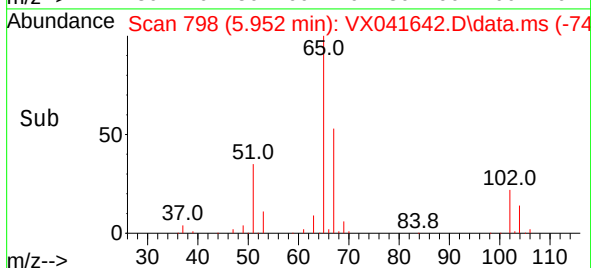
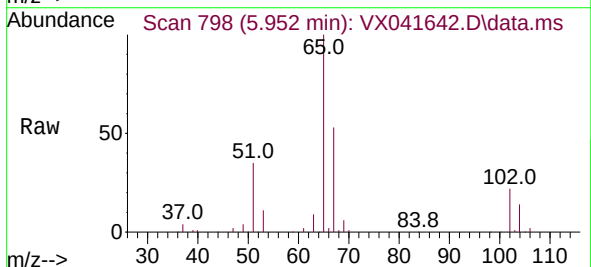


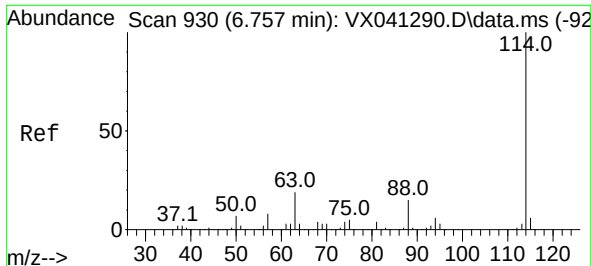
Tgt Ion: 56 Resp: 2670
Ion Ratio Lower Upper
56 100
69 167.7 23.4 35.2#
84 129.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 52.780 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041642.D
Acq: 24 May 2024 10:00

Tgt Ion: 65 Resp: 85417
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

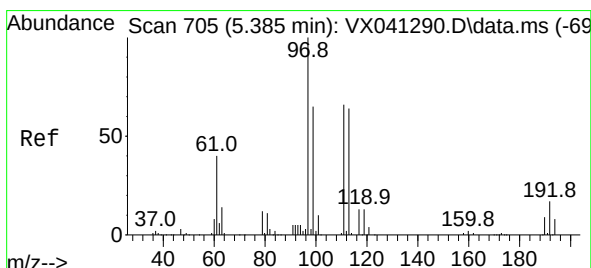
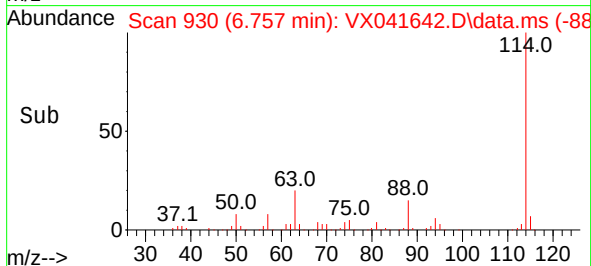
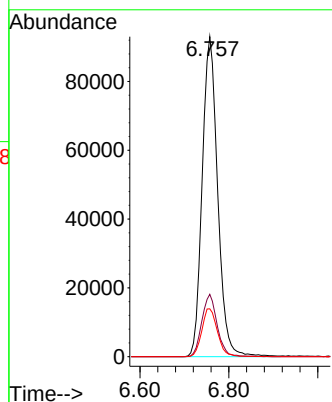
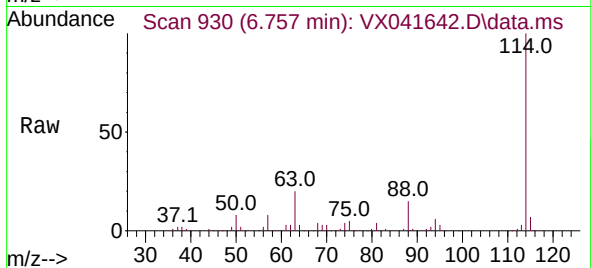




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041642.D
Acq: 24 May 2024 10:00

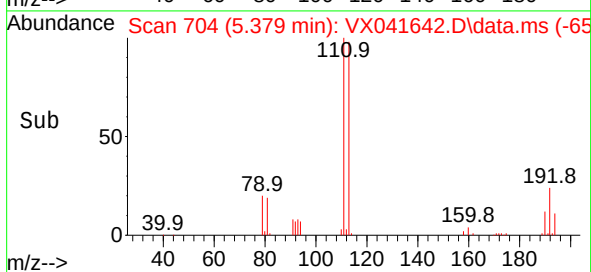
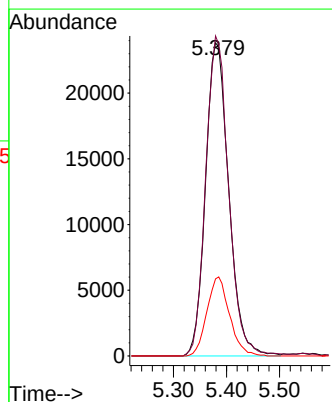
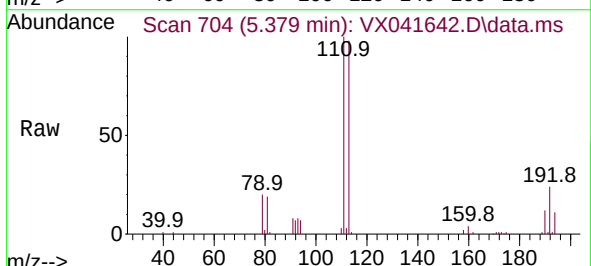
Instrument :
MSVOA_X
ClientSampleId :

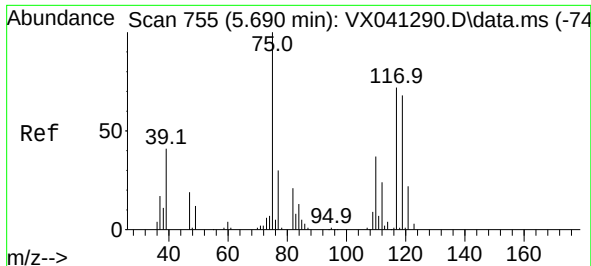
Tgt Ion:114 Resp: 225713
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.396 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041642.D
Acq: 24 May 2024 10:00

Tgt Ion:113 Resp: 72496
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 24.6 13.3 19.9#





#36

1,1-Dichloropropene

Concen: 5.229 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX041642.D

Acq: 24 May 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

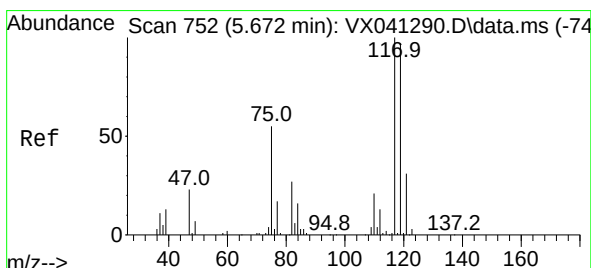
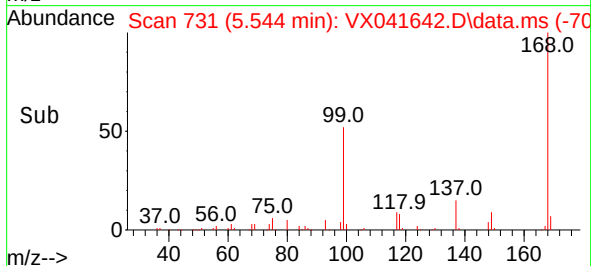
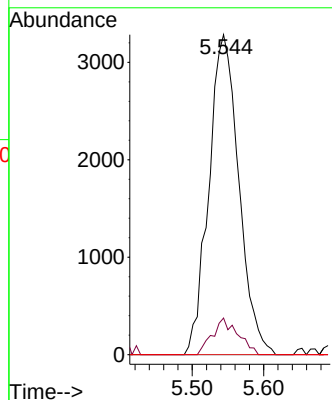
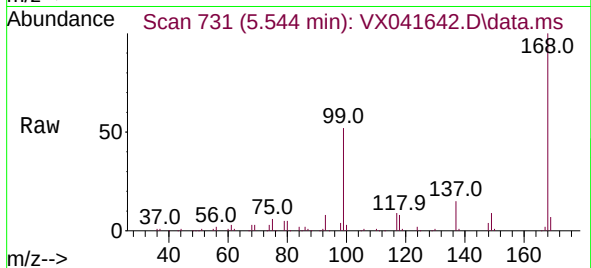
Tgt Ion: 75 Resp: 9564

Ion Ratio Lower Upper

75 100

110 9.7 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.364 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX041642.D

Acq: 24 May 2024 10:00

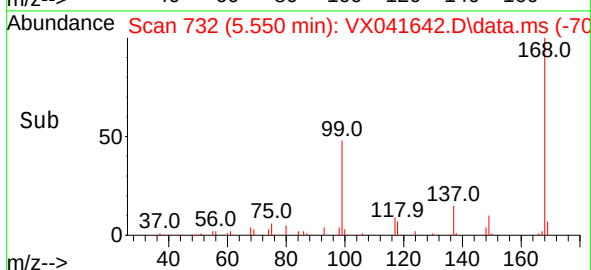
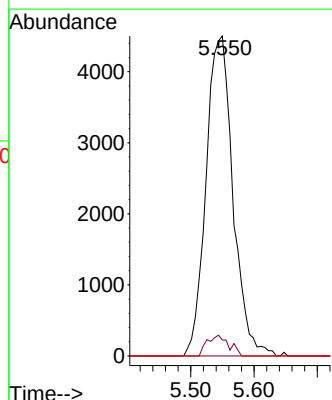
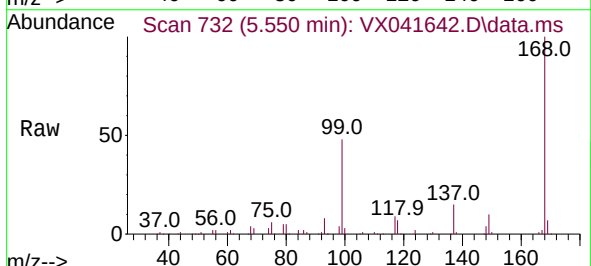
Tgt Ion:117 Resp: 13335

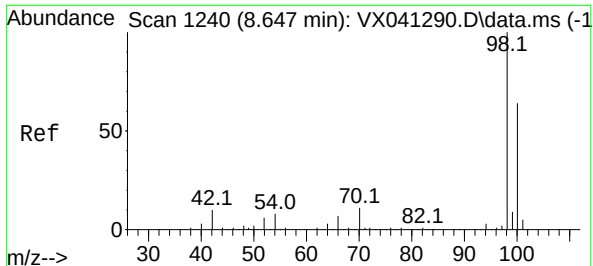
Ion Ratio Lower Upper

117 100

119 5.0 78.2 117.2#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 54.632 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041642.D

Acq: 24 May 2024 10:00

Instrument :

MSVOA_X

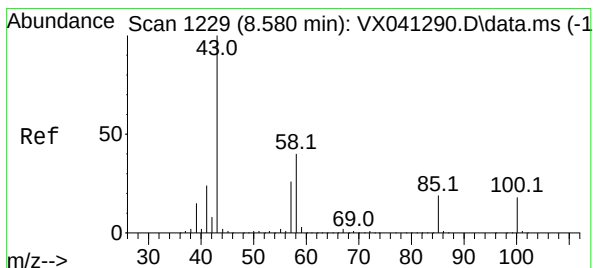
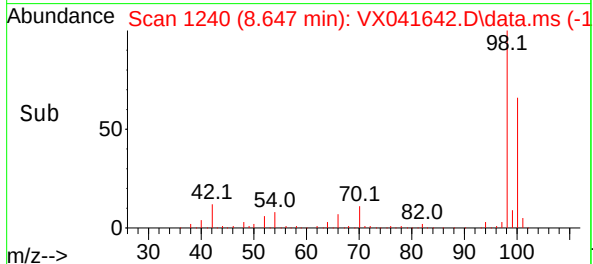
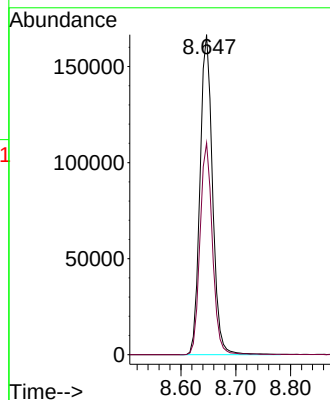
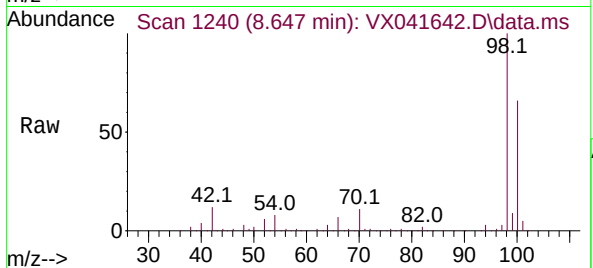
ClientSampleId :

Tgt Ion: 98 Resp: 264488

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.270 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX041642.D

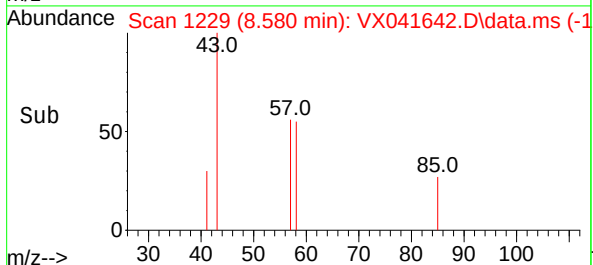
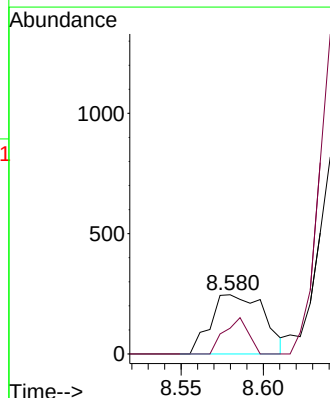
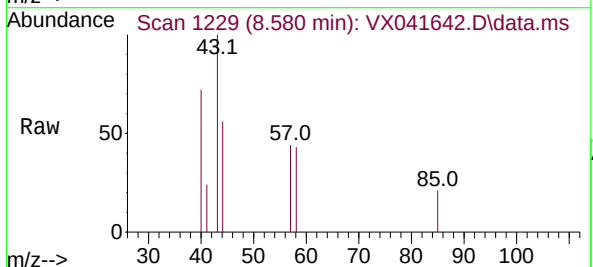
Acq: 24 May 2024 10:00

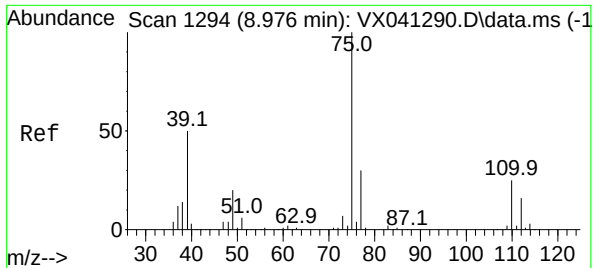
Tgt Ion: 43 Resp: 556

Ion Ratio Lower Upper

43 100

58 27.3 30.4 45.6#





#53

t-1,3-Dichloropropene

Concen: 2.452 ug/l

RT: 9.013 min Scan# 11

Delta R.T. 0.037 min

Lab File: VX041642.D

Acq: 24 May 2024 10:00

Instrument :

MSVOA_X

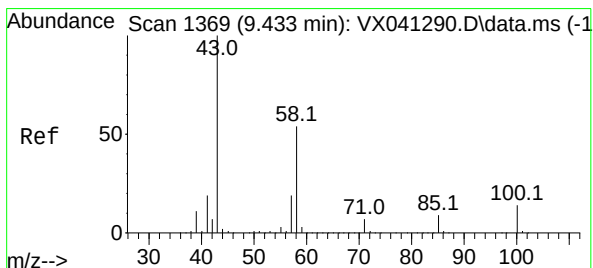
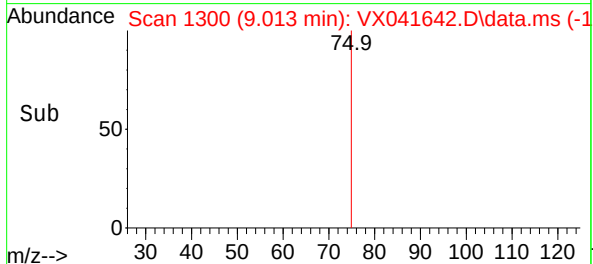
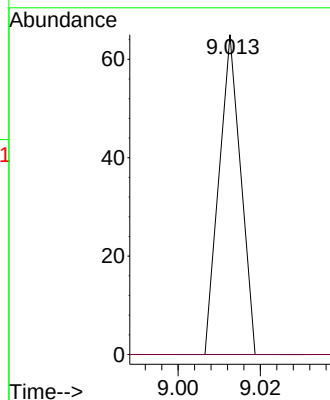
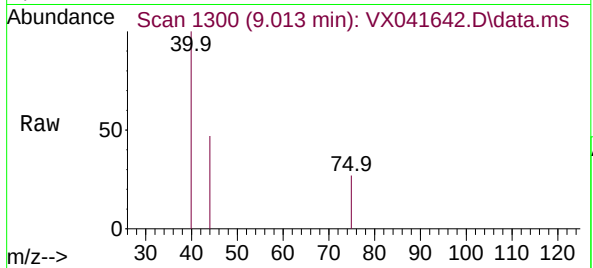
ClientSampleId :

Tgt Ion: 75 Resp: 24

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 0.261 ug/l

RT: 9.464 min Scan# 1374

Delta R.T. 0.031 min

Lab File: VX041642.D

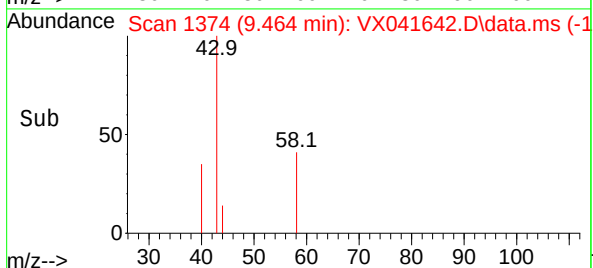
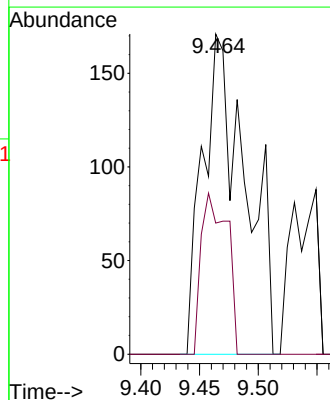
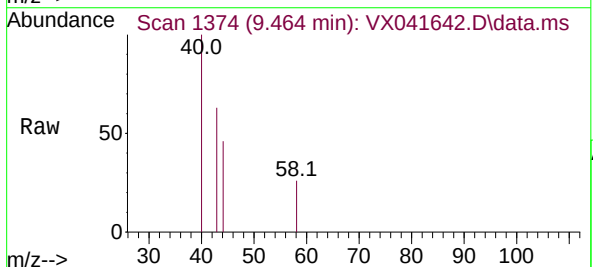
Acq: 24 May 2024 10:00

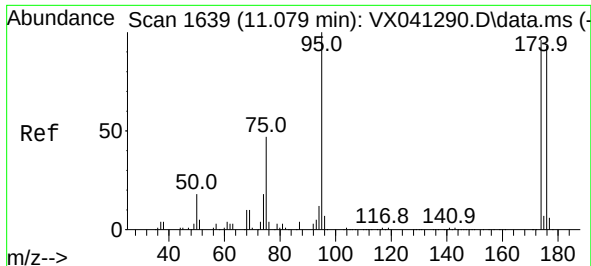
Tgt Ion: 43 Resp: 430

Ion Ratio Lower Upper

43 100

58 30.7 26.2 78.5





#62

4-Bromofluorobenzene

Concen: 55.213 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041642.D

Acq: 24 May 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

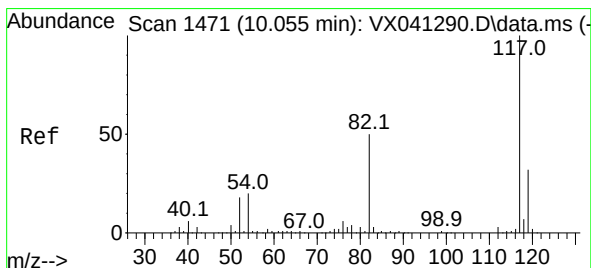
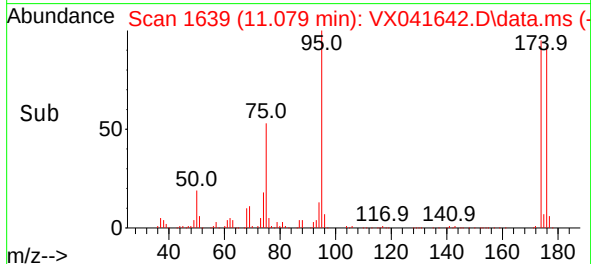
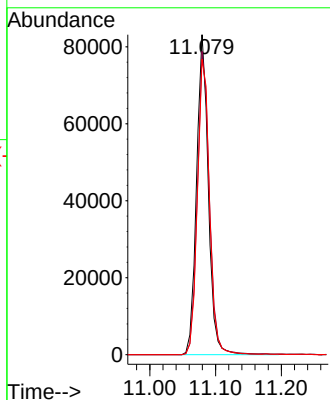
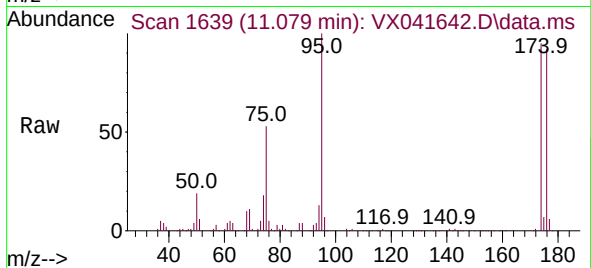
Tgt Ion: 95 Resp: 103475

Ion Ratio Lower Upper

95 100

174 96.7 0.0 135.6

176 94.8 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: VX041642.D

Acq: 24 May 2024 10:00

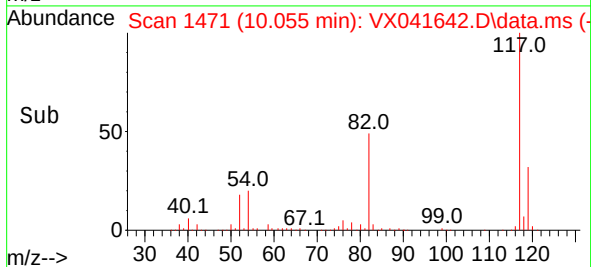
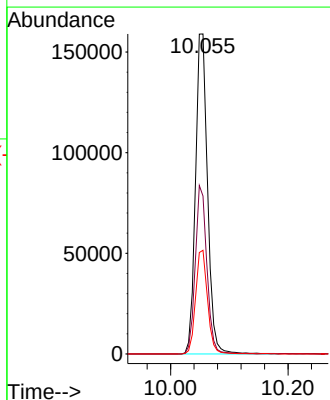
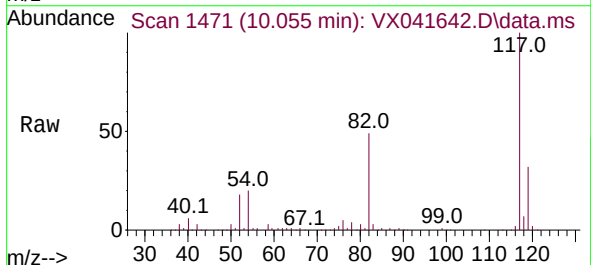
Tgt Ion: 117 Resp: 226517

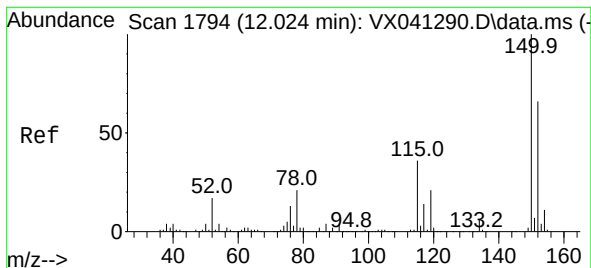
Ion Ratio Lower Upper

117 100

82 49.4 46.2 69.4

119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041642.D

Acq: 24 May 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

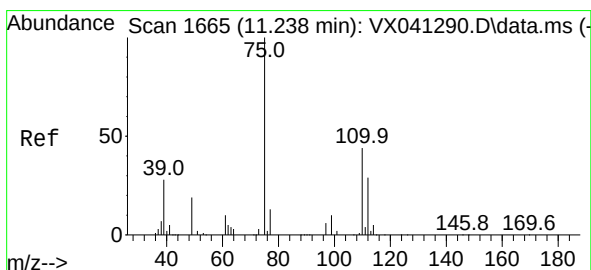
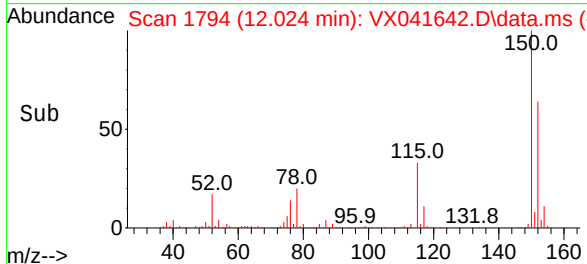
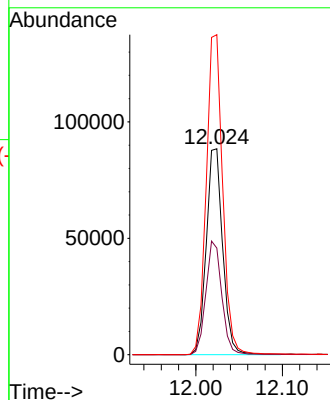
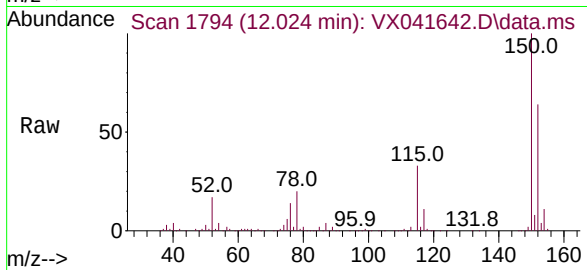
Tgt Ion:152 Resp: 116268

Ion Ratio Lower Upper

152 100

115 53.8 43.3 129.9

150 155.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.857 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041642.D

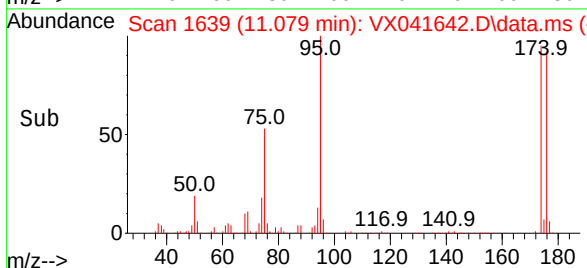
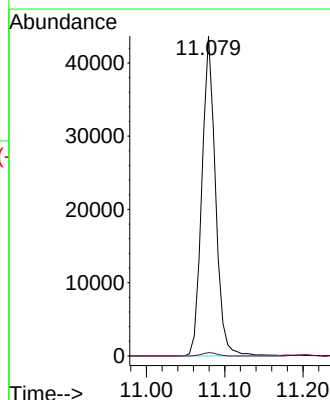
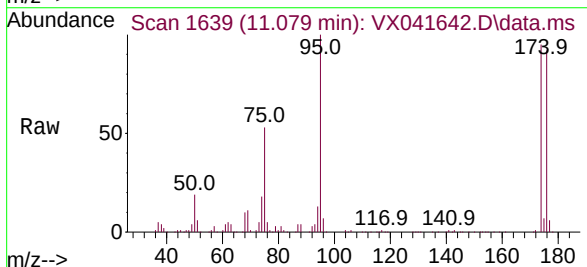
Acq: 24 May 2024 10:00

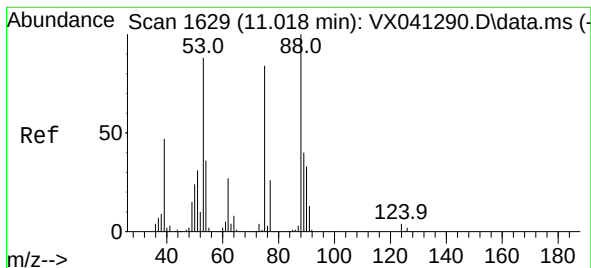
Tgt Ion: 75 Resp: 52783

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

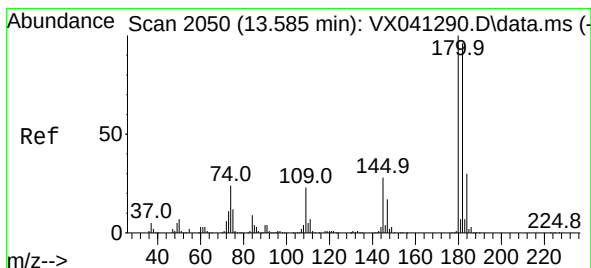
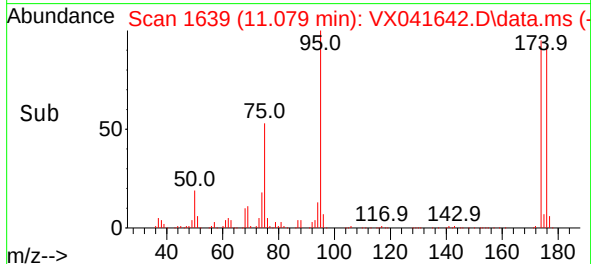
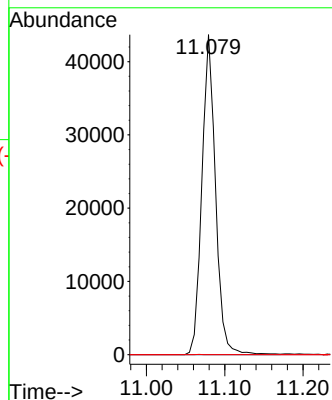
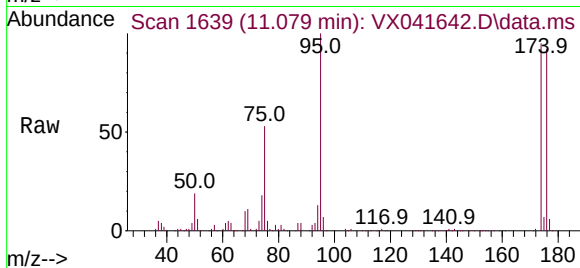




#81
trans-1,4-Dichloro-2-butene
Concen: 75.878 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041642.D
Acq: 24 May 2024 10:00

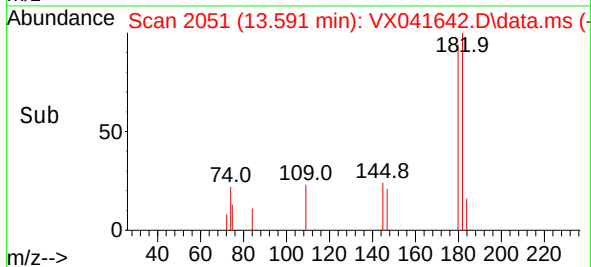
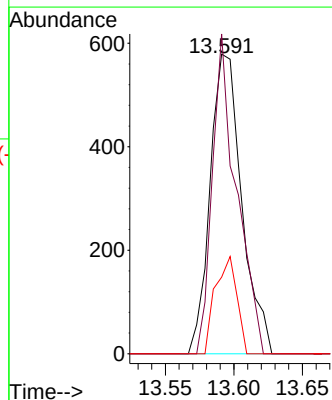
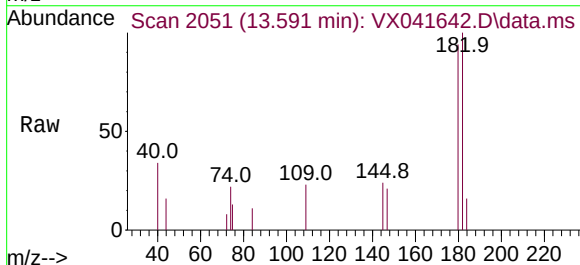
Instrument :
MSVOA_X
ClientSampleId :

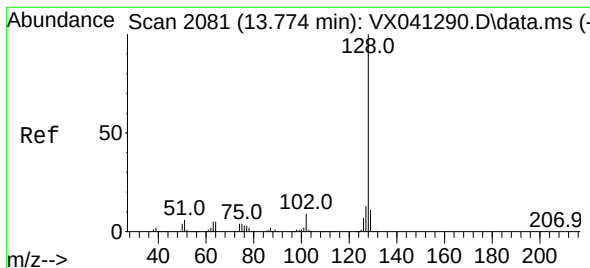
Tgt Ion: 75 Resp: 52783
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.346 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041642.D
Acq: 24 May 2024 10:00

Tgt Ion:180 Resp: 931
Ion Ratio Lower Upper
180 100
182 81.1 48.3 144.8
145 21.9 18.0 54.0





#95

Naphthalene

Concen: 0.506 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX041642.D

Acq: 24 May 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

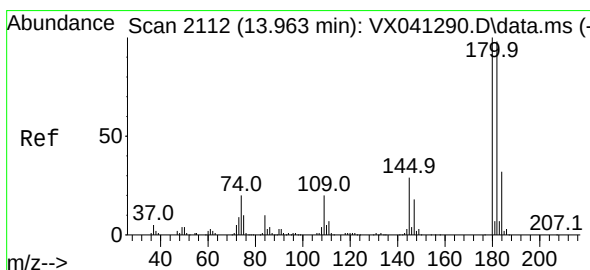
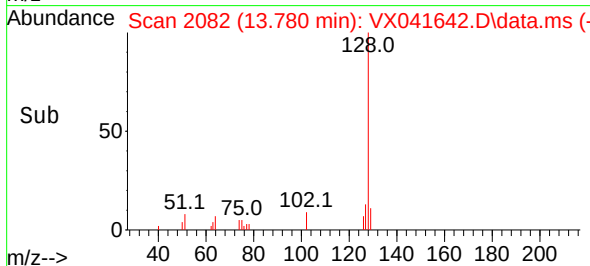
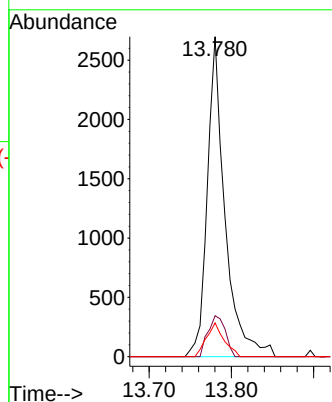
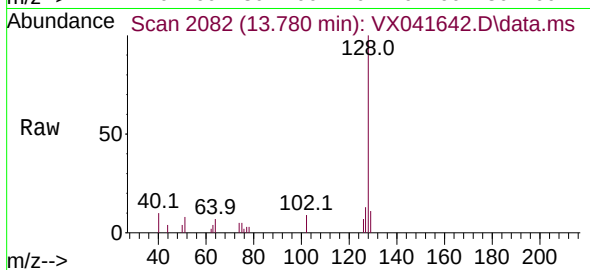
Tgt Ion:128 Resp: 4030

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.4 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.348 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX041642.D

Acq: 24 May 2024 10:00

Tgt Ion:180 Resp: 955

Ion Ratio Lower Upper

180 100

182 102.7 46.9 140.6

145 28.7 17.8 53.5

