

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062623\
 Data File : VX036340.D
 Acq On : 26 Jun 2023 19:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 27 05:14:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	372	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.775	114	497	50.000	ug/l	0.01
63) Chlorobenzene-d5	10.061	117	428	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	401	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	243	45.571	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.140%
35) Dibromofluoromethane	5.391	113	91	27.769	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	55.540%#
50) Toluene-d8	8.653	98	447	36.520	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	73.040%#
62) 4-Bromofluorobenzene	11.079	95	182	42.215	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.420%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	285	46.649	ug/l	# 43
5) Bromomethane	1.623	94	294	60.156	ug/l	# 73
6) Chloroethane	1.690	64	97	19.782	ug/l	# 43
8) Diethyl Ether	1.965	74	99	25.255	ug/l	# 1
10) Methyl Iodide	2.446	142	188	36.406	ug/l	# 41
12) 1,1-Dichloroethene	2.038	96	54	12.773	ug/l	# 1
13) Acrolein	2.257	56	19	14.253	ug/l	# 1
14) Allyl chloride	2.648	41	73	10.625	ug/l	# 24
16) Acetone	2.404	43	213	93.454	ug/l	# 47
17) Carbon Disulfide	2.379	76	24	2.311	ug/l	# 76
18) Methyl Acetate	2.715	43	311	33.182	ug/l	# 53
23) Vinyl Acetate	3.800	43	46	4.604	ug/l	# 73
25) 2-Butanone	4.659	43	53	16.184	ug/l	# 51
29) Tetrahydrofuran	4.946	42	19	9.113	ug/l	# 34
31) Cyclohexane	5.220	56	42	6.146	ug/l	# 18
37) Ethyl Acetate	4.659	43	53	10.645	ug/l	# 69
40) Benzene	6.043	78	49	3.591	ug/l	# 51
41) Methacrylonitrile	4.909	41	23	8.327	ug/l	# 25
43) Isopropyl Acetate	6.452	43	24	3.022	ug/l	# 62
48) Methyl methacrylate	7.763	41	43	10.858	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.500	43	26	5.081	ug/l	# 37
59) 2-Hexanone	9.439	43	70	18.733	ug/l	# 26
67) Ethyl Benzene	10.201	91	21	1.313	ug/l	# 44
68) m/p-Xylenes	10.299	106	53	8.529	ug/l	# 1
70) Styrene	10.658	104	61	6.208	ug/l	# 50
74) N-amyl acetate	10.817	43	30	2.510	ug/l	# 44
76) 1,2,3-Trichloropropane	11.317	75	20	2.338	ug/l	# 37
78) n-propylbenzene	11.311	91	148	4.194	ug/l	# 53
79) 2-Chlorotoluene	11.311	91	148	7.049	ug/l	# 42
82) 4-Chlorotoluene	11.457	91	170	6.955	ug/l	# 46
84) 1,2,4-Trimethylbenzene	11.756	105	60	2.370	ug/l	# 91
85) sec-Butylbenzene	11.756	105	60	1.931	ug/l	# 57
87) 1,3-Dichlorobenzene	11.951	146	22	1.610	ug/l	# 24
88) 1,4-Dichlorobenzene	11.951	146	22	1.581	ug/l	# 24
89) n-Butylbenzene	12.335	91	94	4.050	ug/l	# 32
91) 1,2-Dichlorobenzene	12.329	146	45	3.345	ug/l	# 24

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Quant Time: Jun 27 05:14:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

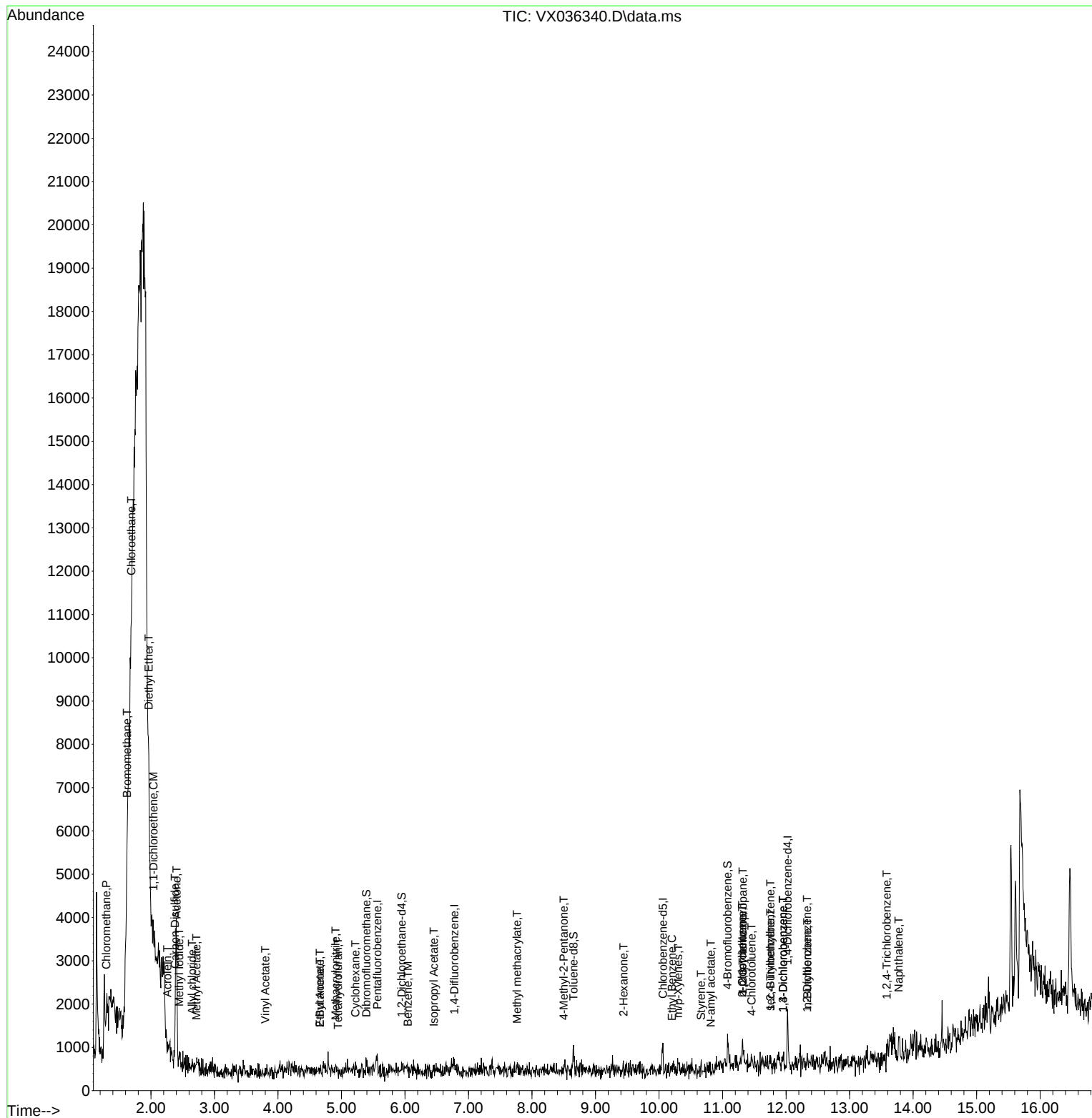
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.585	180	27	3.259	ug/l #	1
95) Naphthalene	13.774	128	799	29.188	ug/l #	69

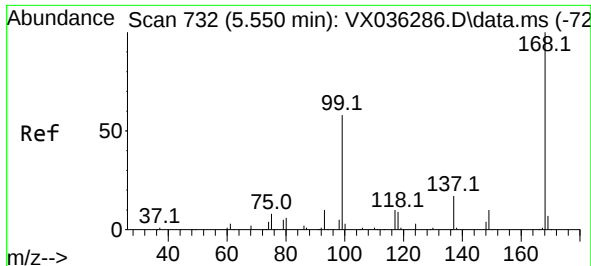
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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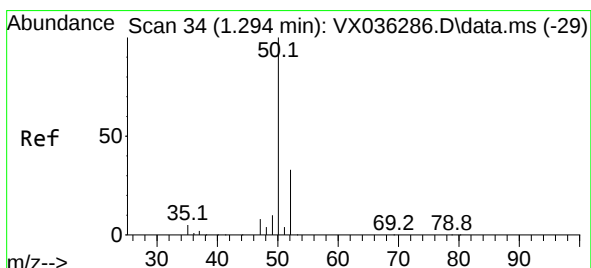
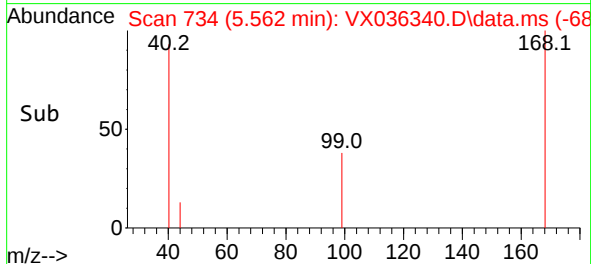
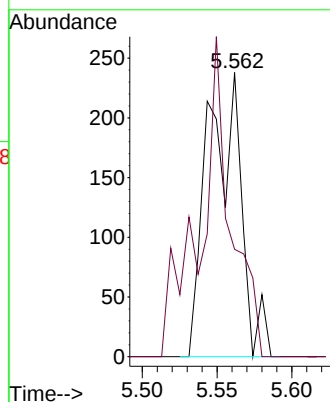
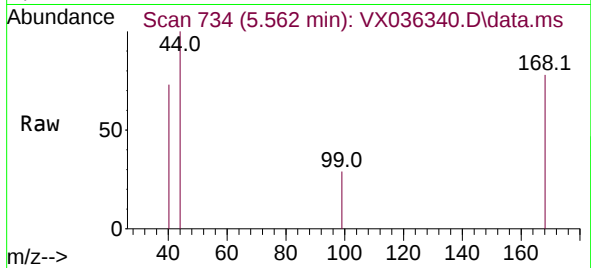




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.013 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

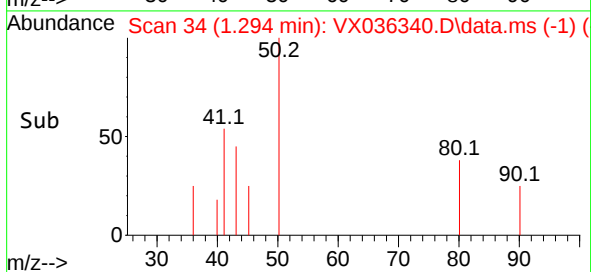
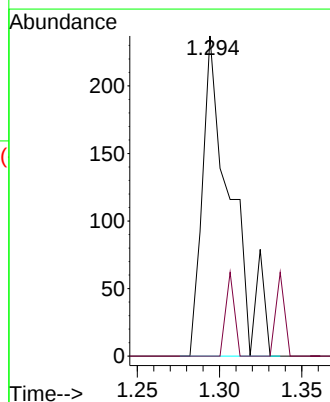
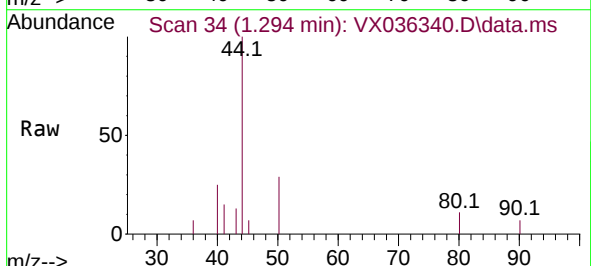
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

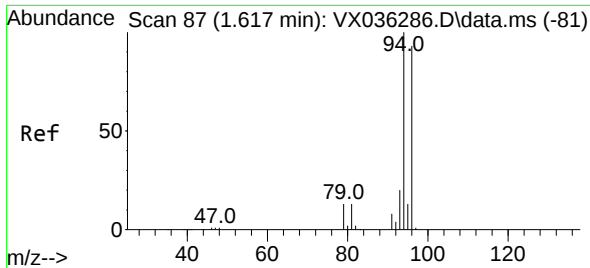
Tgt Ion:168 Resp: 372
Ion Ratio Lower Upper
168 100
99 37.8 56.6 85.0#



#3
Chloromethane
Concen: 46.649 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

Tgt Ion: 50 Resp: 285
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

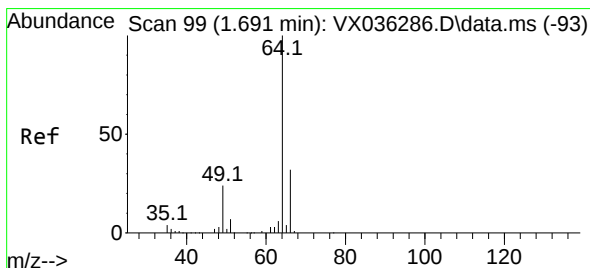
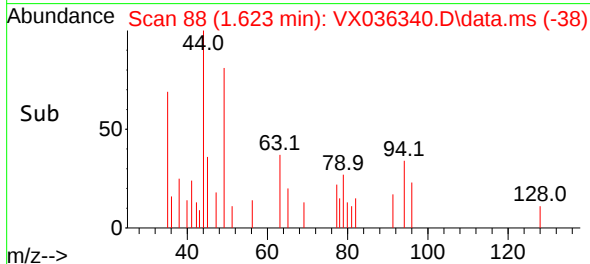
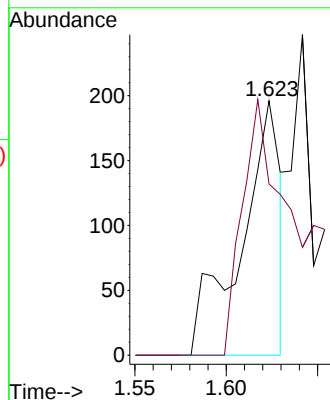
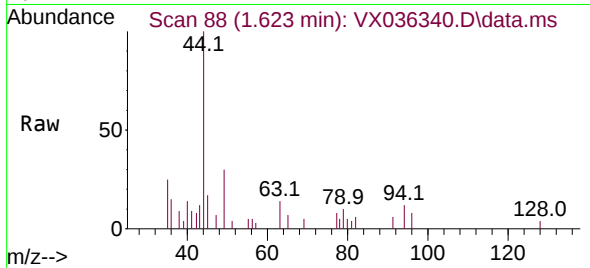




#5
Bromomethane
Concen: 60.156 ug/l
RT: 1.623 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

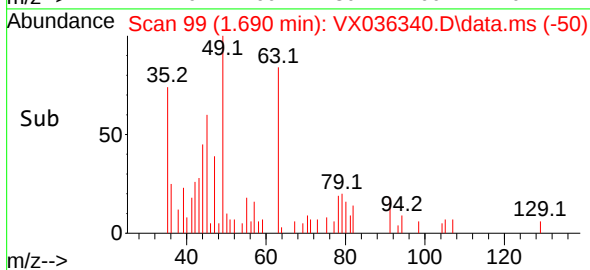
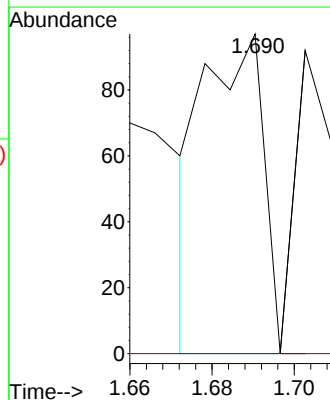
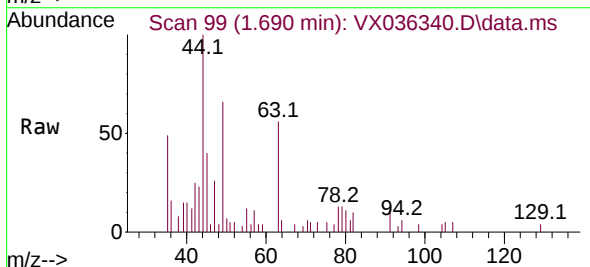
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

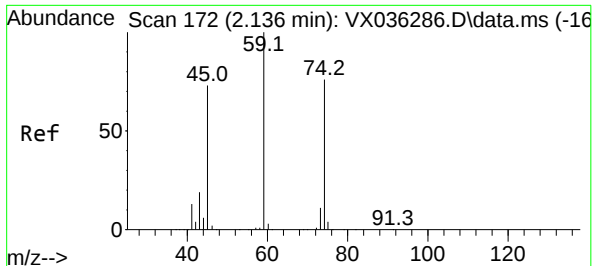
Tgt Ion: 94 Resp: 294
Ion Ratio Lower Upper
94 100
96 67.3 74.6 111.8#



#6
Chloroethane
Concen: 19.782 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

Tgt Ion: 64 Resp: 97
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

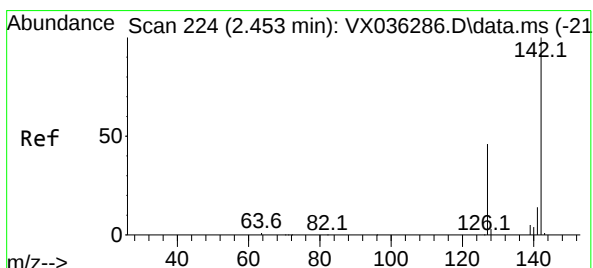
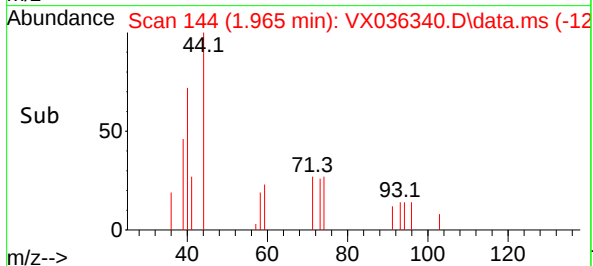
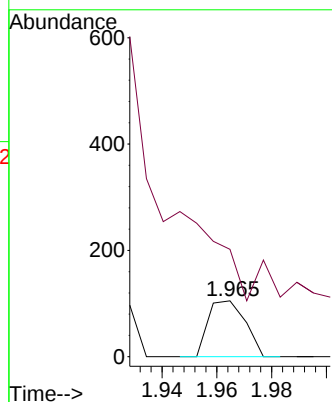
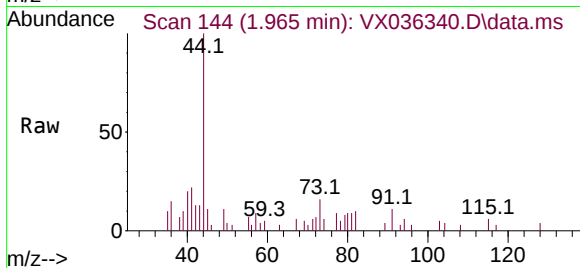




#8
Diethyl Ether
Concen: 25.255 ug/l
RT: 1.965 min Scan# 14
Delta R.T. -0.170 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

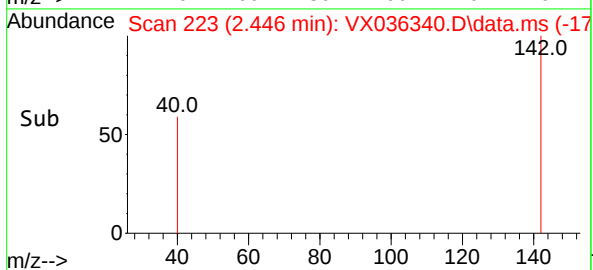
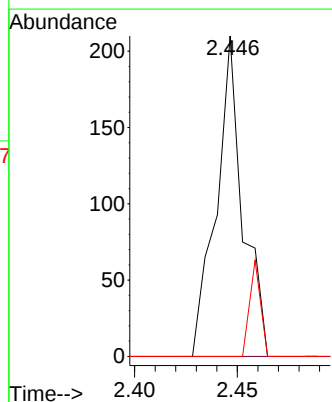
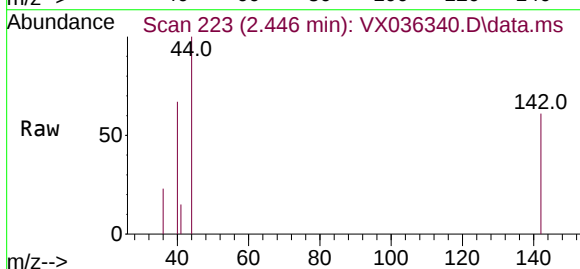
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

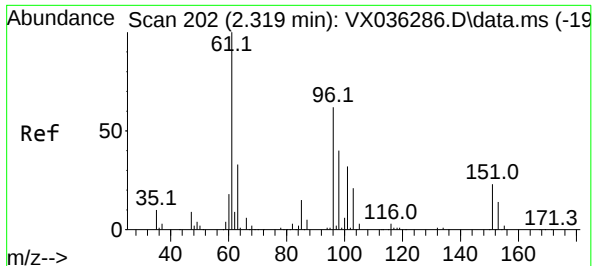
Tgt Ion: 74 Resp: 99
Ion Ratio Lower Upper
74 100
45 0.0 53.3 159.8#



#10
Methyl Iodide
Concen: 36.406 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

Tgt Ion: 142 Resp: 188
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 12.2 11.6 17.4





#12

1,1-Dichloroethene

Concen: 12.773 ug/l

RT: 2.038 min Scan# 11

Delta R.T. -0.280 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

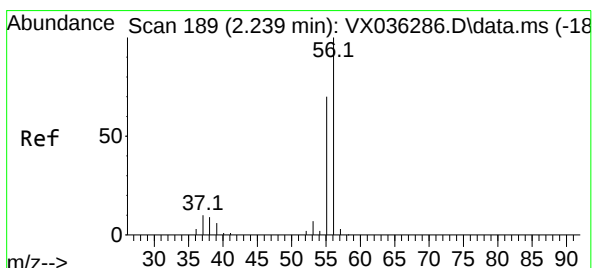
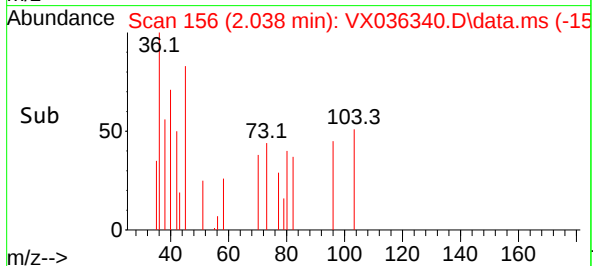
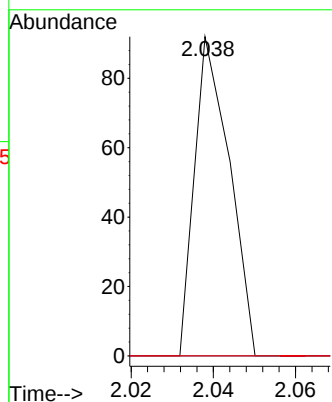
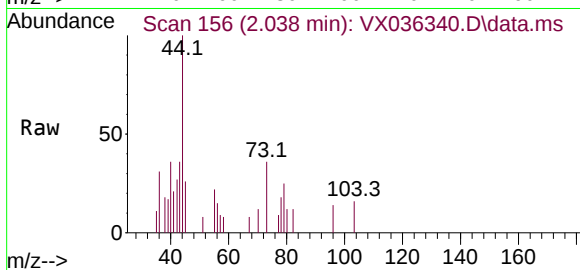
Tgt Ion: 96 Resp: 54

Ion Ratio Lower Upper

96 100

61 0.0 144.6 216.8#

98 0.0 50.4 75.6#



#13

Acrolein

Concen: 14.253 ug/l

RT: 2.257 min Scan# 192

Delta R.T. 0.018 min

Lab File: VX036340.D

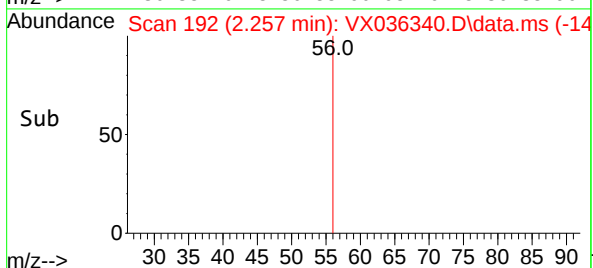
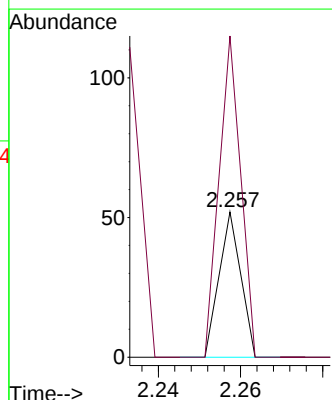
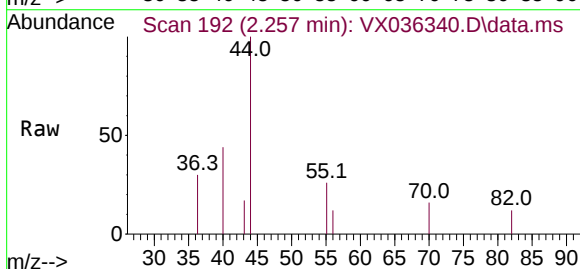
Acq: 26 Jun 2023 19:37

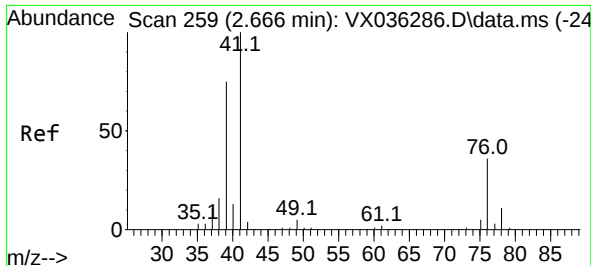
Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 221.1 57.1 85.7#

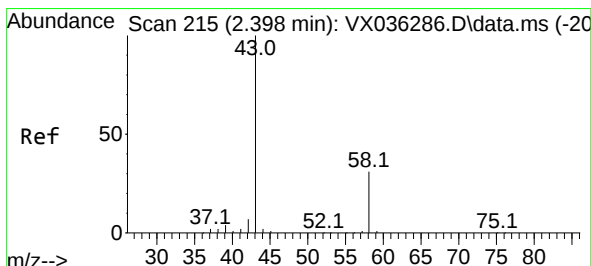
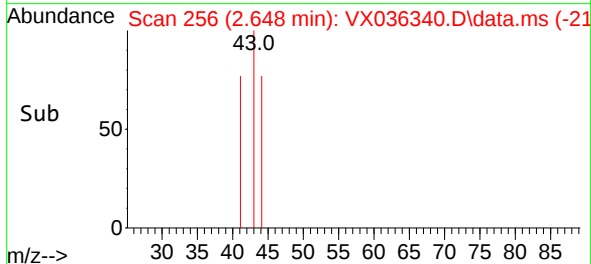
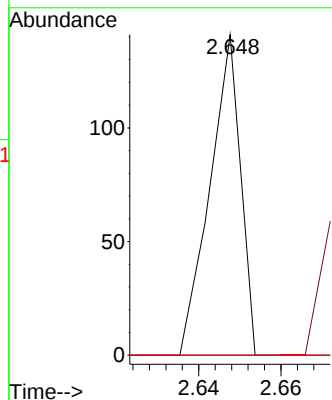
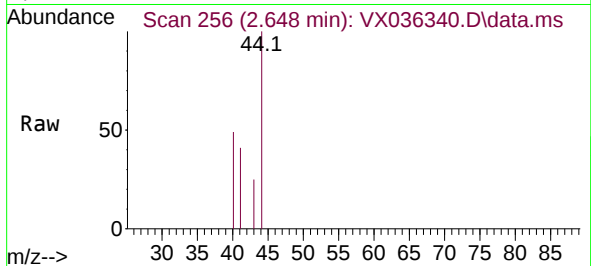




#14
 Allyl chloride
 Concen: 10.625 ug/l
 RT: 2.648 min Scan# 216
 Delta R.T. -0.018 min
 Lab File: VX036340.D
 Acq: 26 Jun 2023 19:37

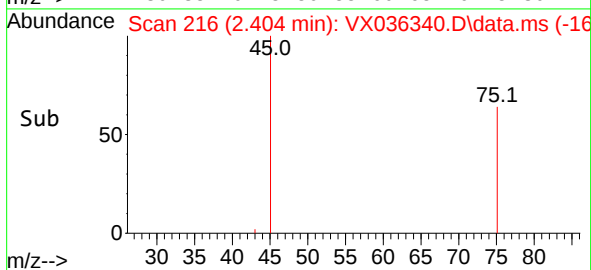
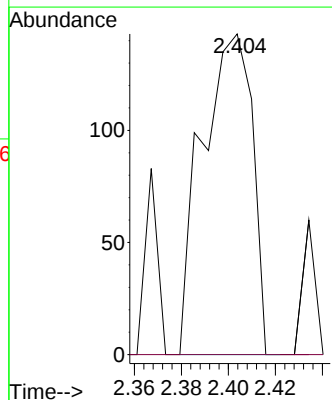
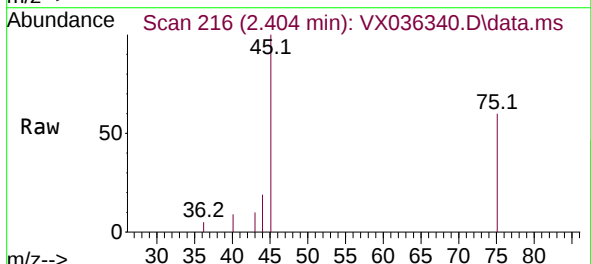
Instrument :
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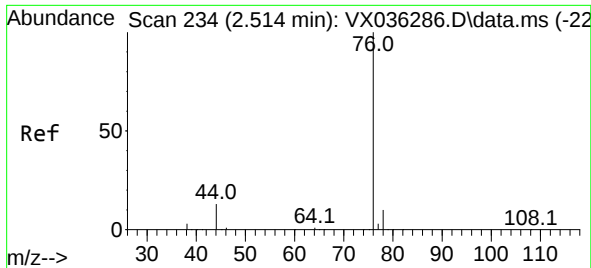
Tgt Ion: 41 Resp: 73
 Ion Ratio Lower Upper
 41 100
 39 0.0 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 93.454 ug/l
 RT: 2.404 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VX036340.D
 Acq: 26 Jun 2023 19:37

Tgt Ion: 43 Resp: 213
 Ion Ratio Lower Upper
 43 100
 58 0.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 2.311 ug/l

RT: 2.379 min Scan# 21

Delta R.T. -0.134 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

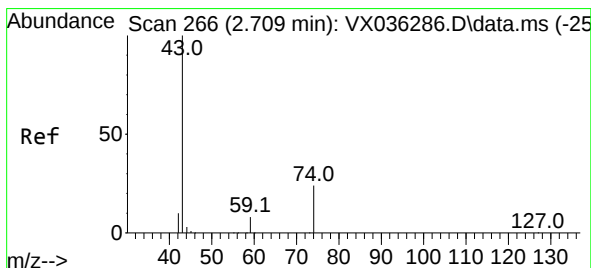
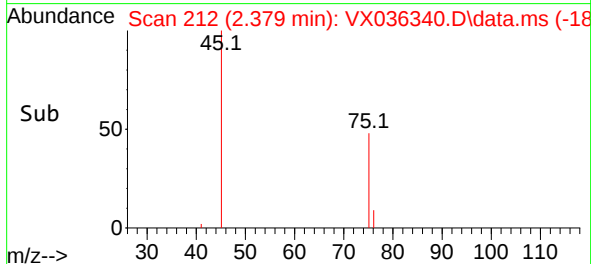
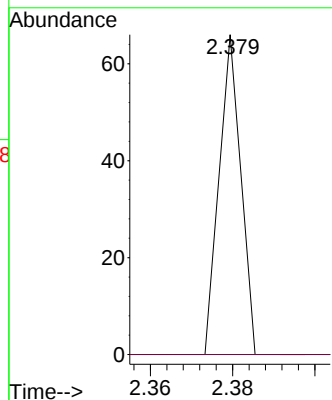
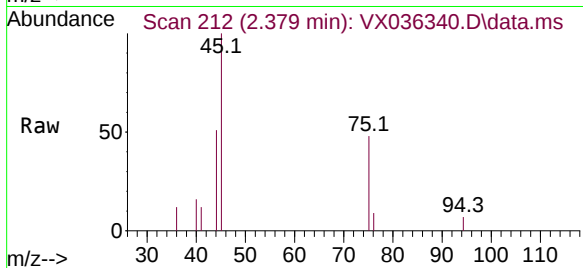
VSTDCCC050EC

Tgt Ion: 76 Resp: 24

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 33.182 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX036340.D

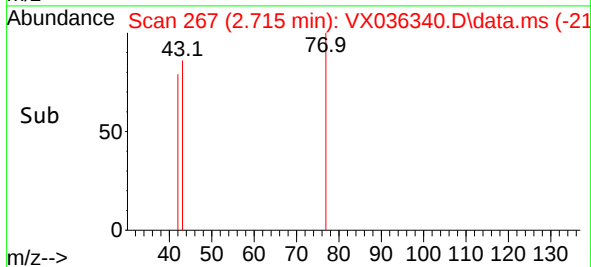
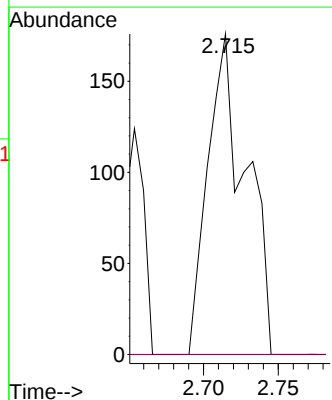
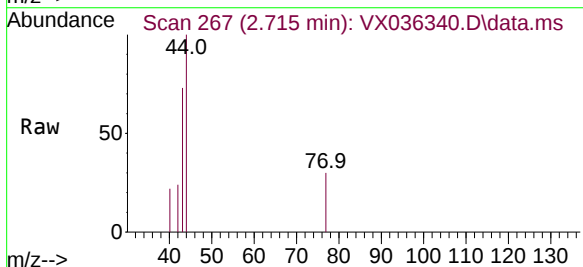
Acq: 26 Jun 2023 19:37

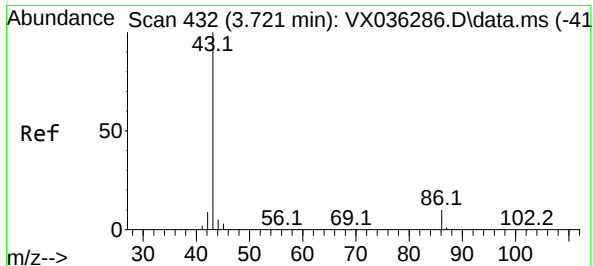
Tgt Ion: 43 Resp: 311

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#

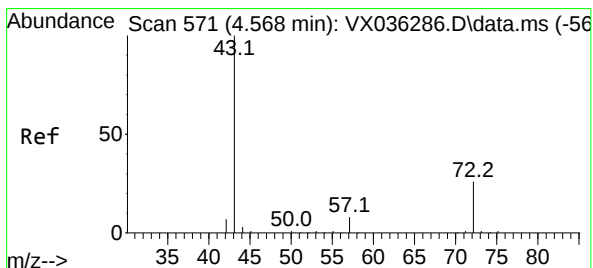
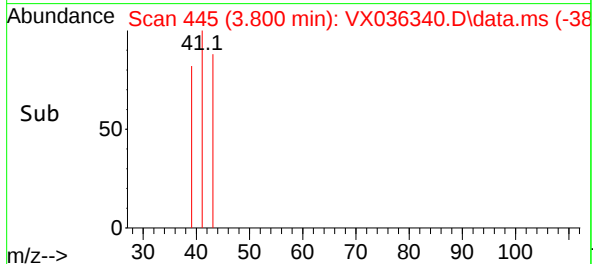
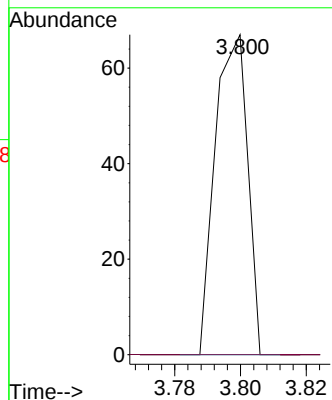
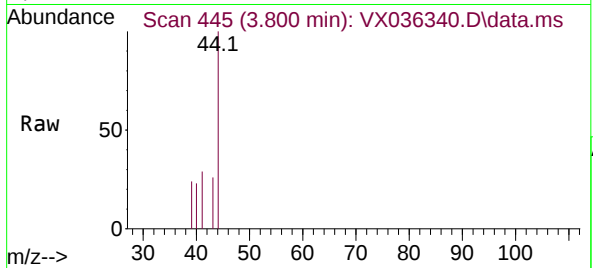




#23
 Vinyl Acetate
 Concen: 4.604 ug/l
 RT: 3.800 min Scan# 44
 Delta R.T. 0.079 min
 Lab File: VX036340.D
 Acq: 26 Jun 2023 19:37

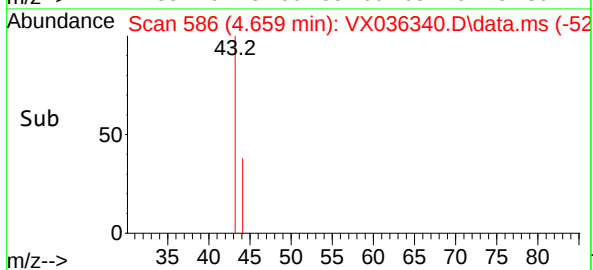
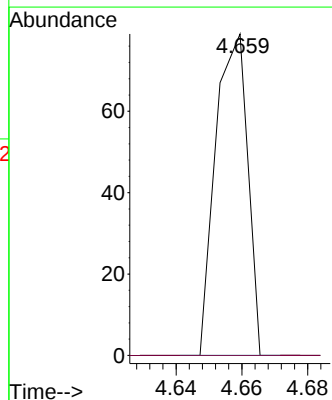
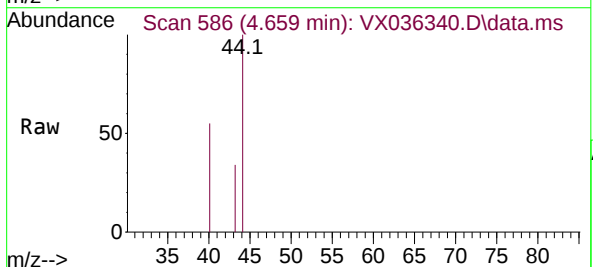
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

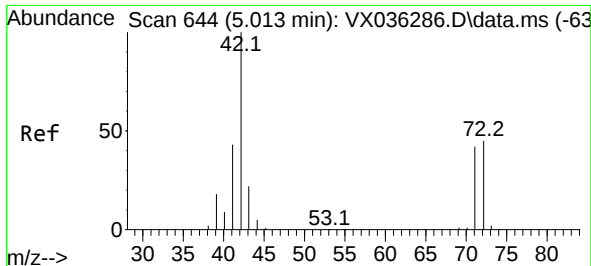
Tgt Ion: 43 Resp: 46
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 16.184 ug/l
 RT: 4.659 min Scan# 586
 Delta R.T. 0.091 min
 Lab File: VX036340.D
 Acq: 26 Jun 2023 19:37

Tgt Ion: 43 Resp: 53
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.4 29.2#





#29

Tetrahydrofuran

Concen: 9.113 ug/l

RT: 4.946 min Scan# 61

Delta R.T. -0.073 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

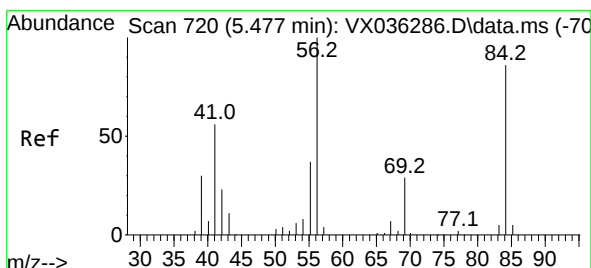
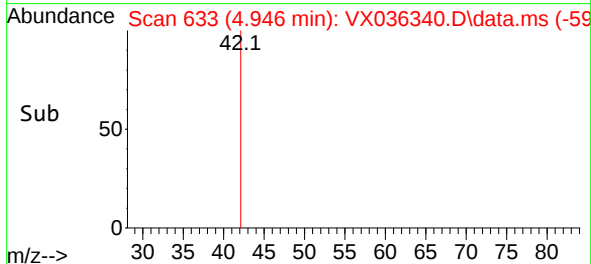
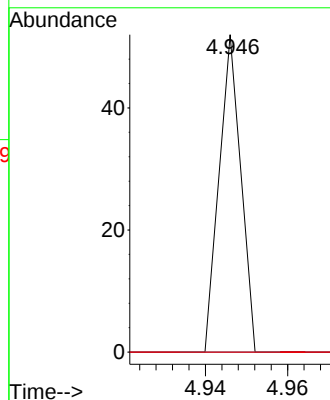
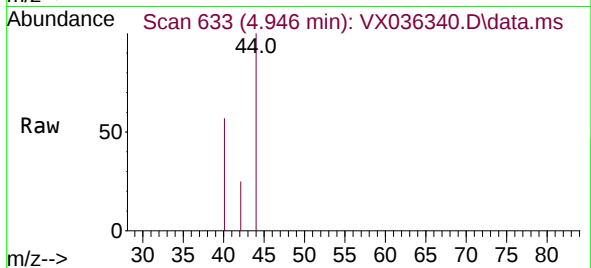
Tgt Ion: 42 Resp: 19

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 6.146 ug/l

RT: 5.220 min Scan# 678

Delta R.T. -0.250 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

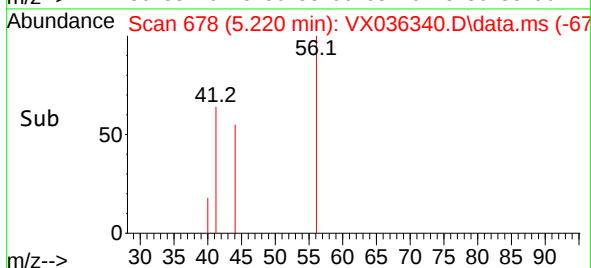
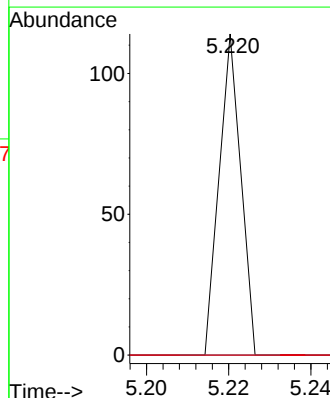
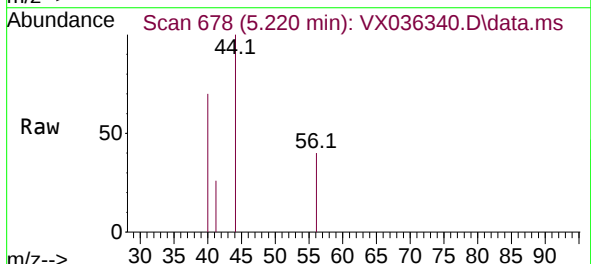
Tgt Ion: 56 Resp: 42

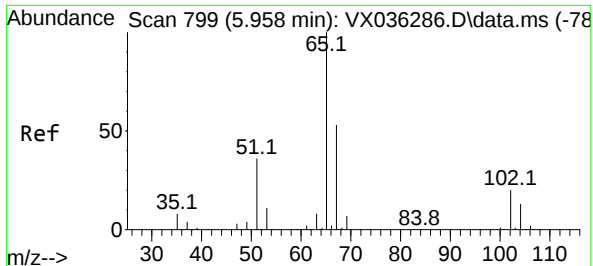
Ion Ratio Lower Upper

56 100

69 0.0 23.4 35.2#

84 0.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.571 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

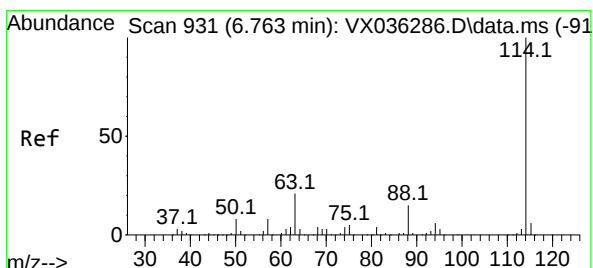
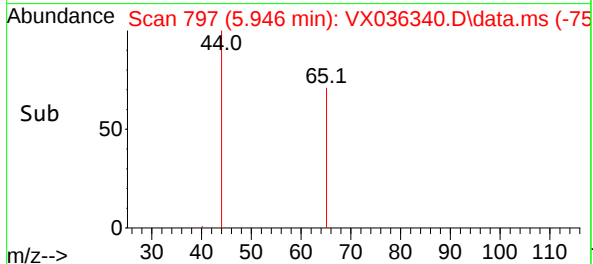
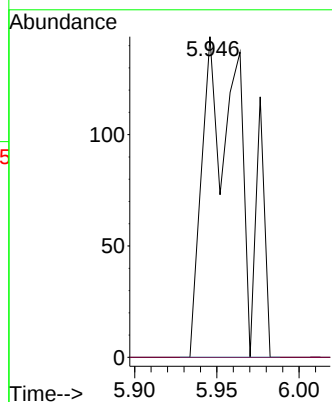
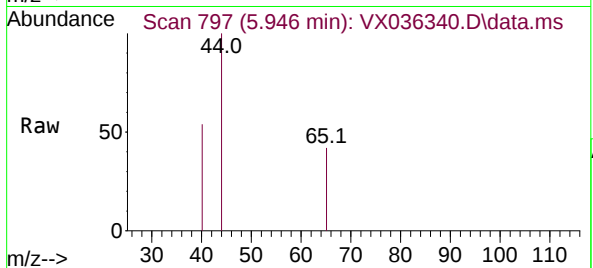
VSTDCCC050EC

Tgt Ion: 65 Resp: 243

Ion Ratio Lower Upper

65 100

67 0.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.012 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

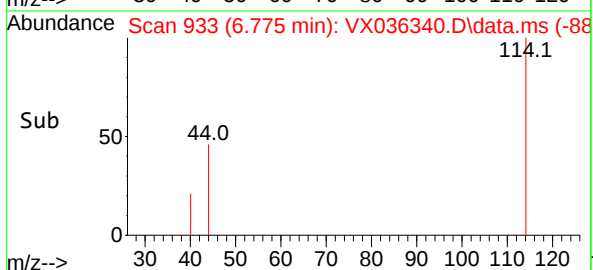
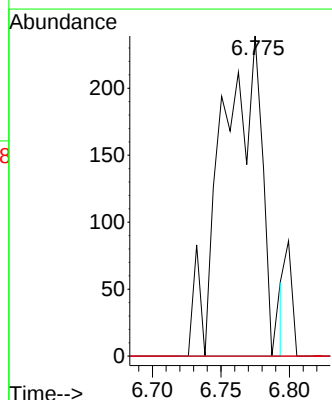
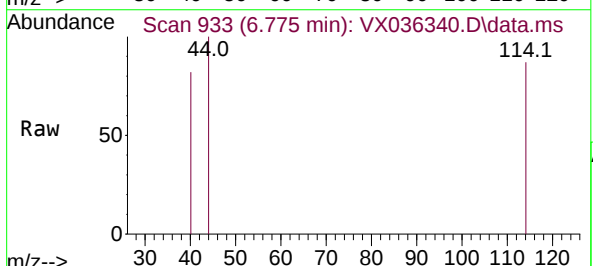
Tgt Ion: 114 Resp: 497

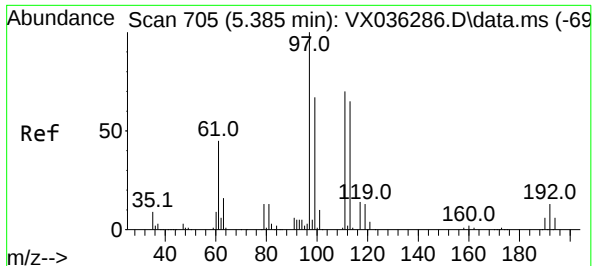
Ion Ratio Lower Upper

114 100

63 0.0 0.0 45.0

88 0.0 0.0 36.6

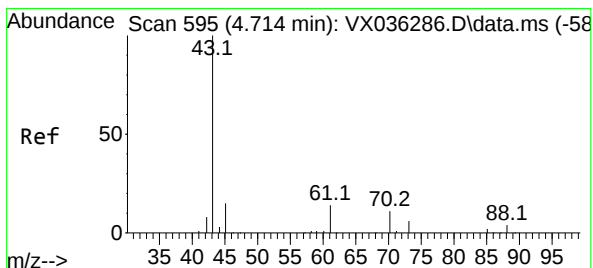
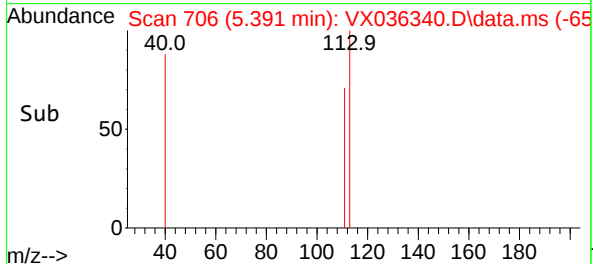
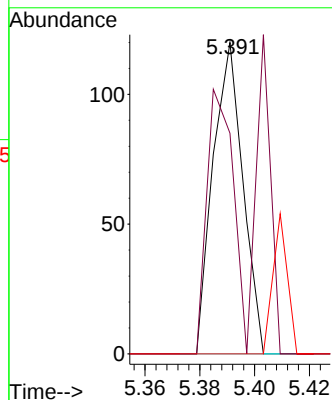
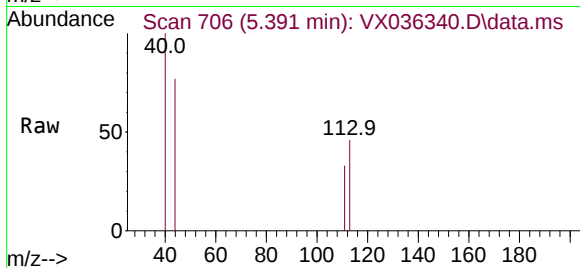




#35
Dibromofluoromethane
Concen: 27.769 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

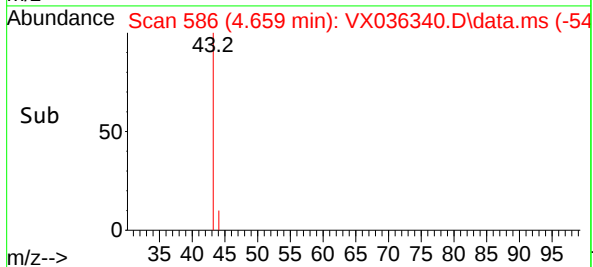
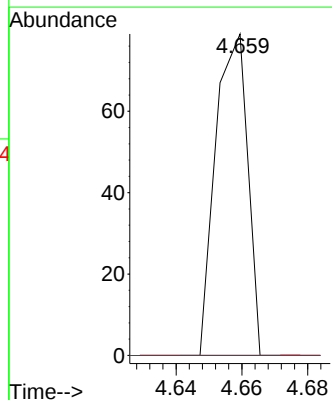
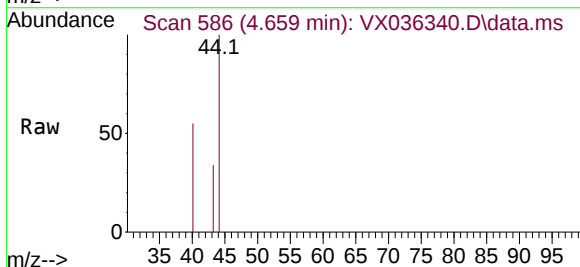
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

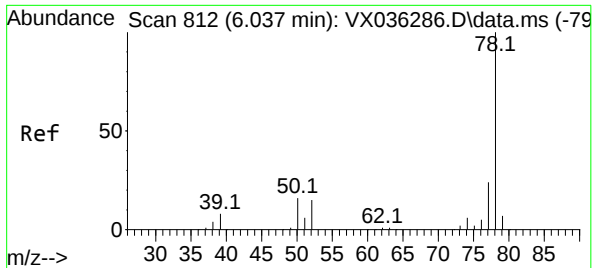
Tgt Ion:113 Resp: 91
Ion Ratio Lower Upper
113 100
111 74.7 82.9 124.3#
192 0.0 13.3 19.9#



#37
Ethyl Acetate
Concen: 10.645 ug/l
RT: 4.659 min Scan# 586
Delta R.T. -0.055 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#





#40

Benzene

Concen: 3.591 ug/l

RT: 6.043 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

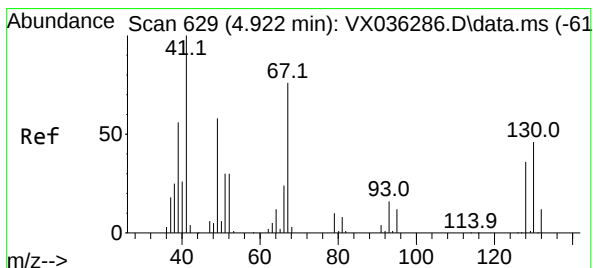
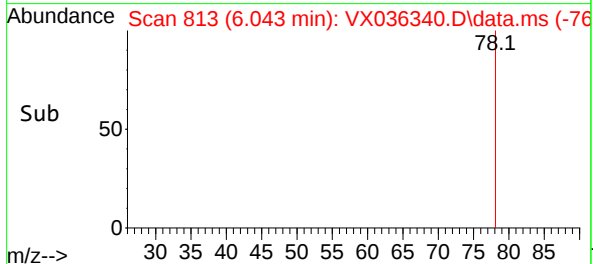
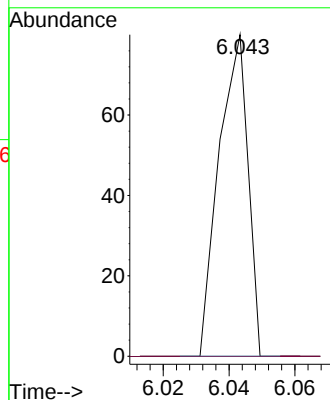
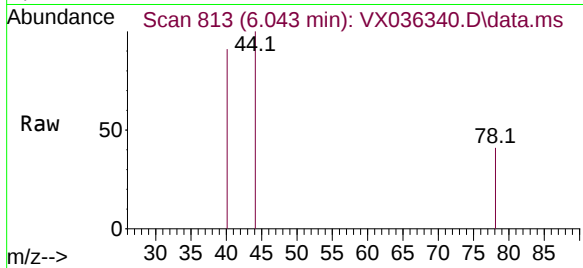
VSTDCCC050EC

Tgt Ion: 78 Resp: 49

Ion Ratio Lower Upper

78 100

77 0.0 19.3 28.9#



#41

Methacrylonitrile

Concen: 8.327 ug/l

RT: 4.909 min Scan# 627

Delta R.T. -0.013 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

Tgt Ion: 41 Resp: 23

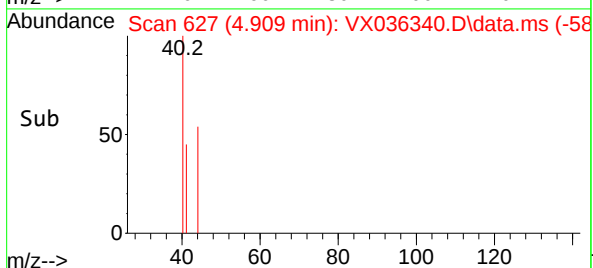
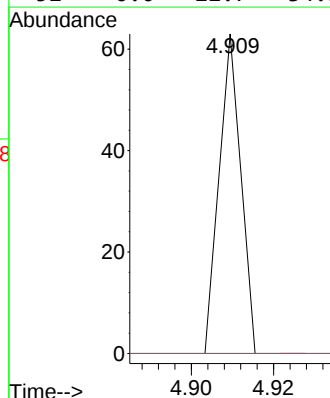
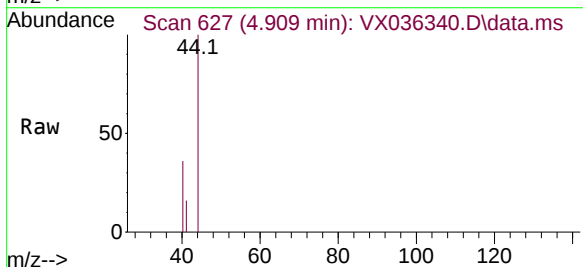
Ion Ratio Lower Upper

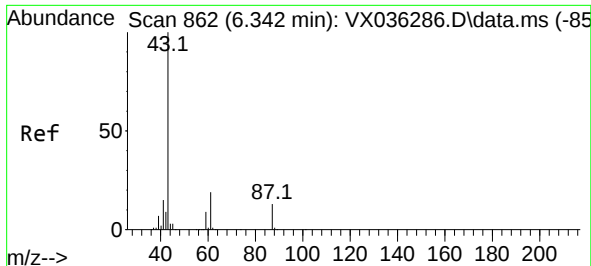
41 100

39 0.0 45.2 67.8#

67 0.0 52.6 78.8#

52 0.0 22.7 34.1#





#43

Isopropyl Acetate

Concen: 3.022 ug/l

RT: 6.452 min Scan# 81

Delta R.T. 0.110 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

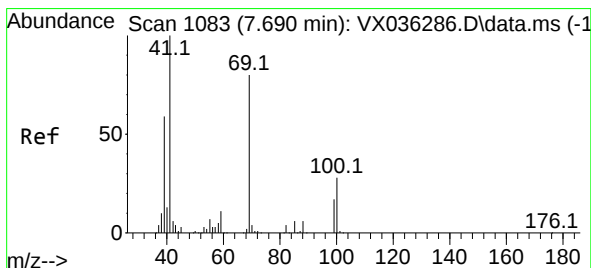
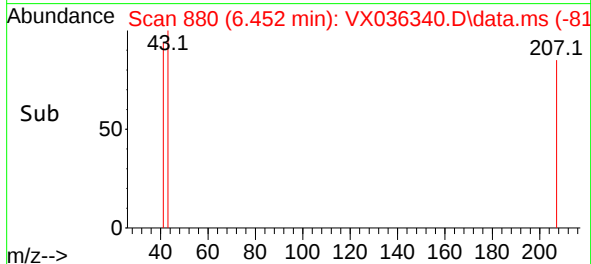
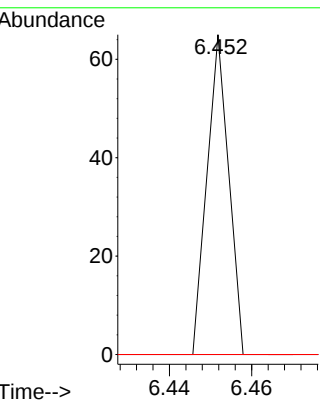
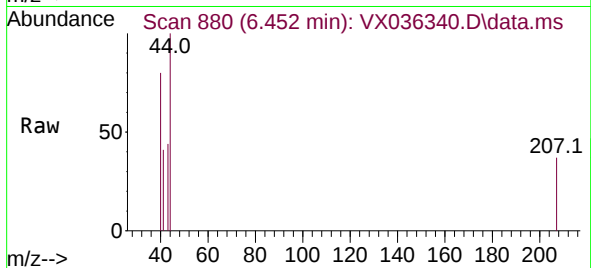
Tgt Ion: 43 Resp: 24

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#



#48

Methyl methacrylate

Concen: 10.858 ug/l

RT: 7.763 min Scan# 1095

Delta R.T. 0.074 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

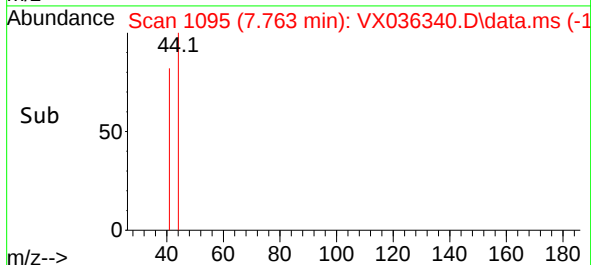
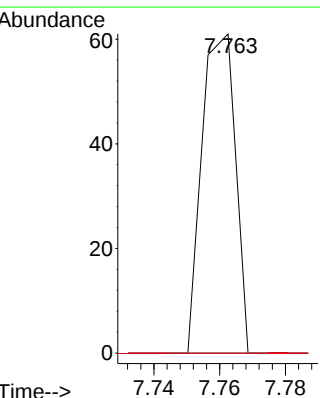
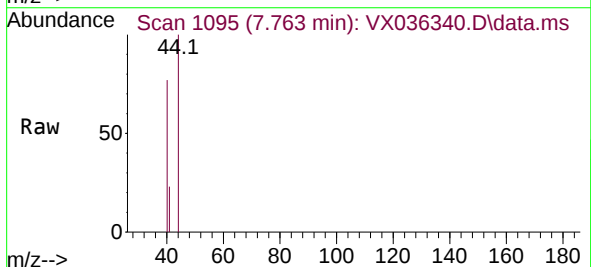
Tgt Ion: 41 Resp: 43

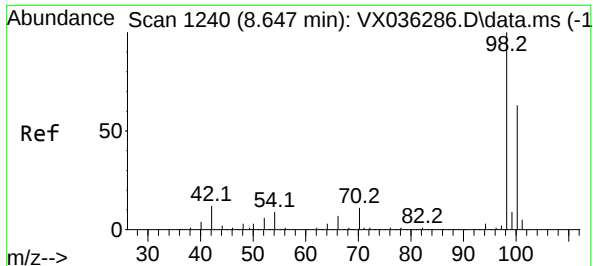
Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 0.0 47.7 71.5#





#50

Toluene-d8

Concen: 36.520 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

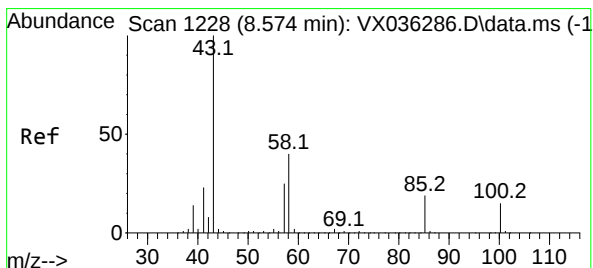
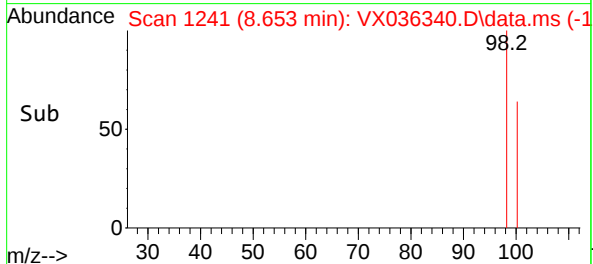
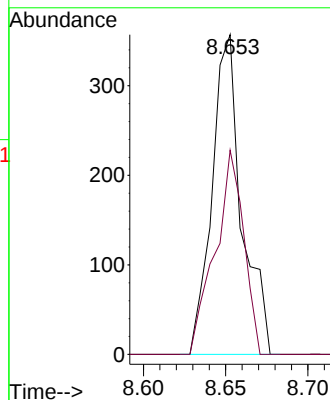
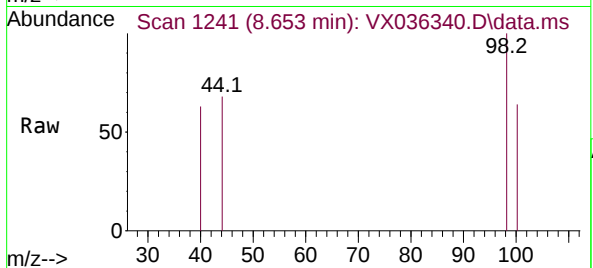
VSTDCCC050EC

Tgt Ion: 98 Resp: 447

Ion Ratio Lower Upper

98 100

100 61.5 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 5.081 ug/l

RT: 8.500 min Scan# 1216

Delta R.T. -0.073 min

Lab File: VX036340.D

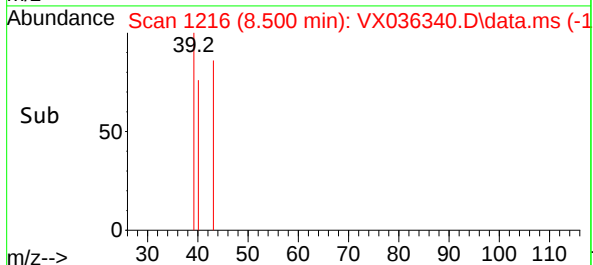
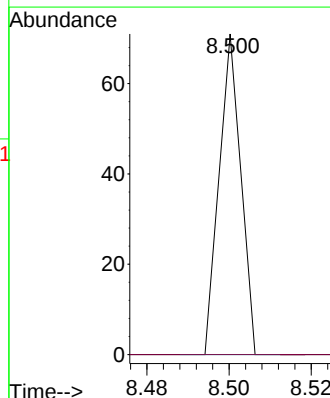
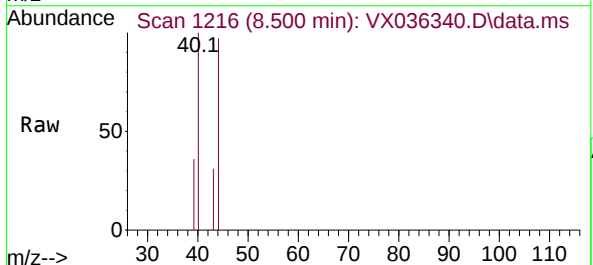
Acq: 26 Jun 2023 19:37

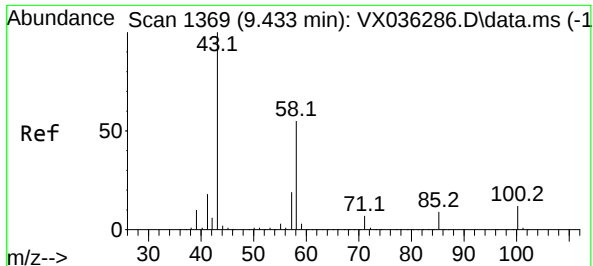
Tgt Ion: 43 Resp: 26

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#





#59

2-Hexanone

Concen: 18.733 ug/l

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

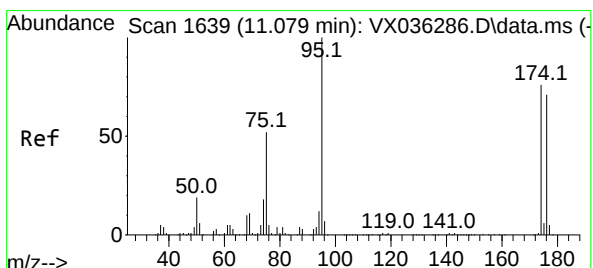
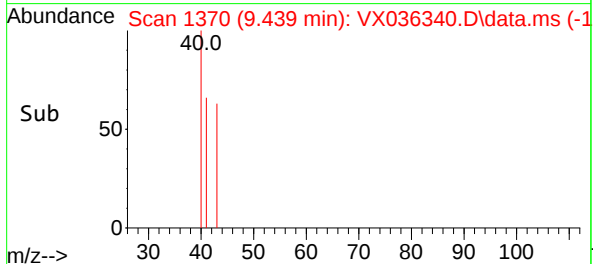
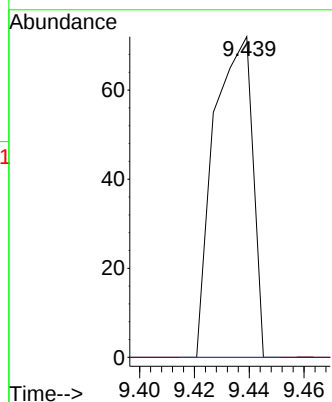
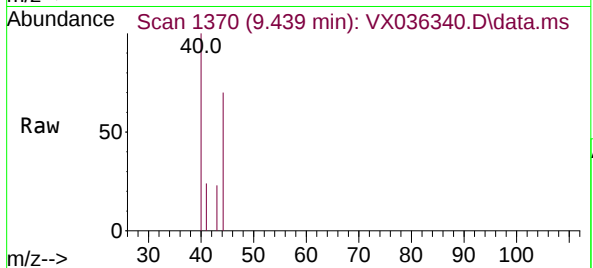
VSTDCCC050EC

Tgt Ion: 43 Resp: 70

Ion Ratio Lower Upper

43 100

58 0.0 26.2 78.5#



#62

4-Bromofluorobenzene

Concen: 42.215 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

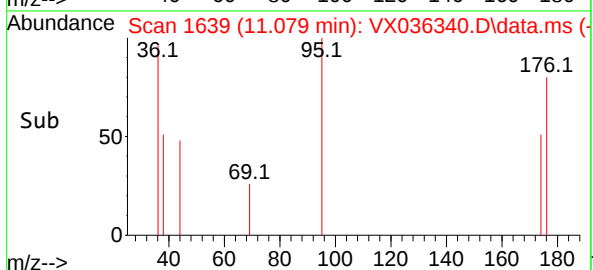
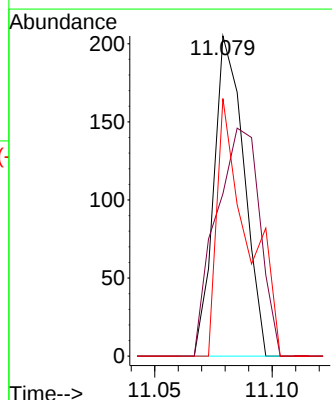
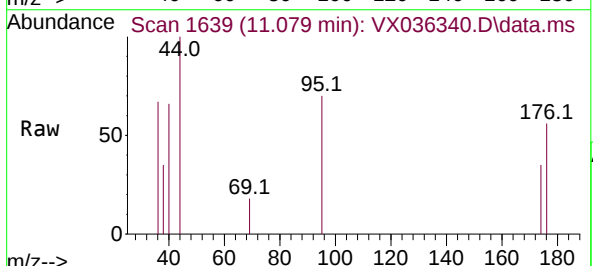
Tgt Ion: 95 Resp: 182

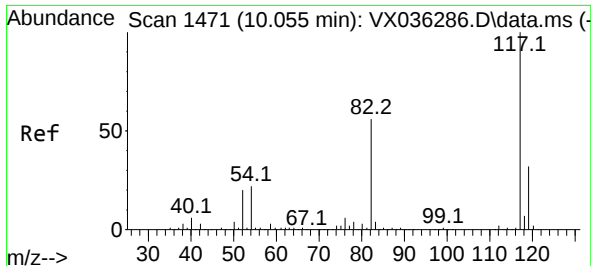
Ion Ratio Lower Upper

95 100

174 103.8 0.0 135.6

176 80.8 0.0 131.0

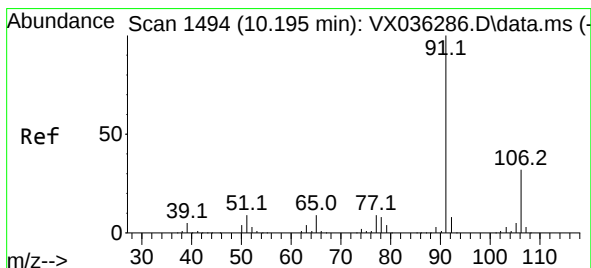
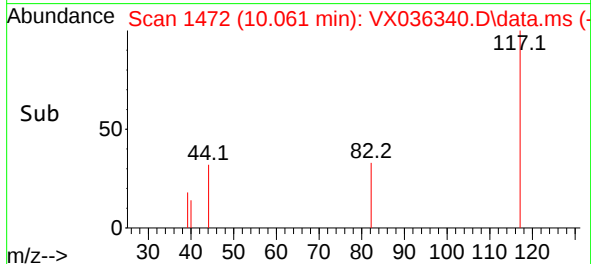
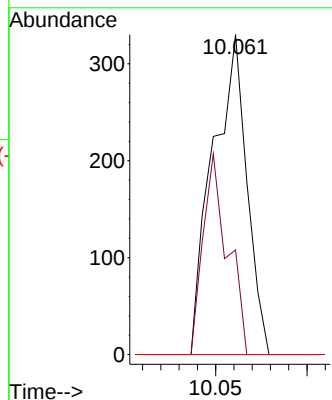
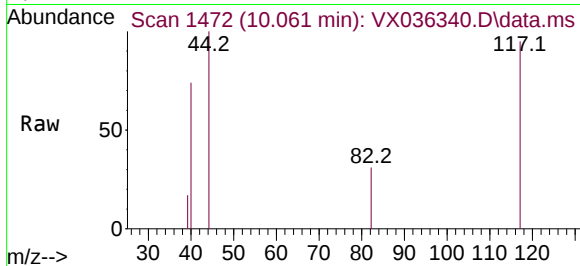




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

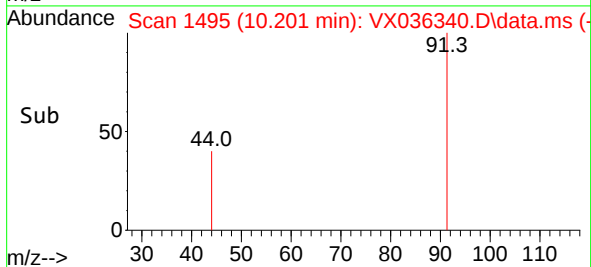
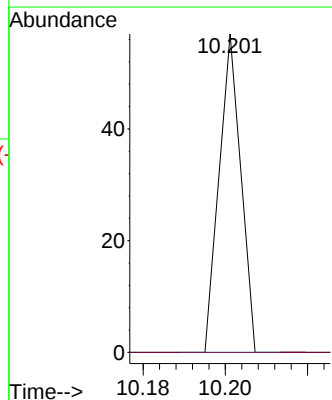
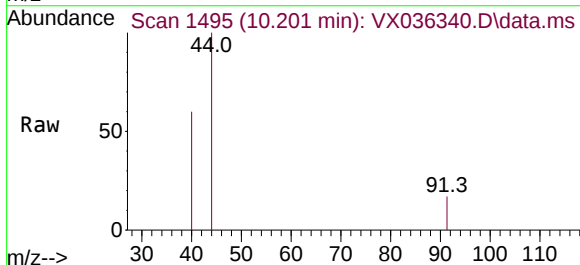
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

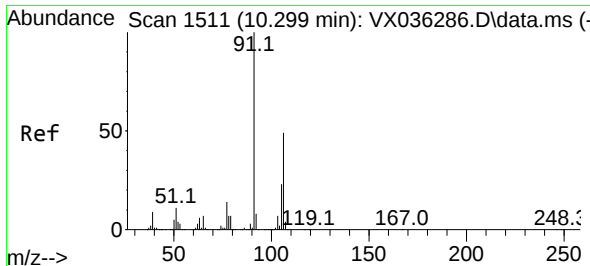
Tgt Ion:117 Resp: 428
Ion Ratio Lower Upper
117 100
82 32.7 46.2 69.4#
119 0.0 25.5 38.3#



#67
Ethyl Benzene
Concen: 1.313 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

Tgt Ion: 91 Resp: 21
Ion Ratio Lower Upper
91 100
106 0.0 24.9 37.3#

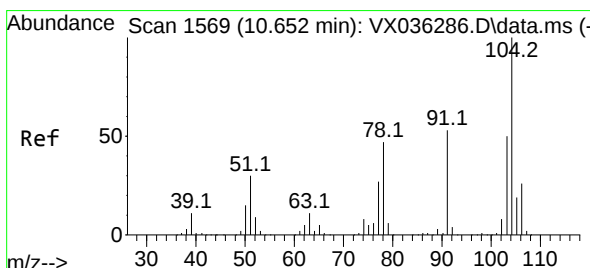
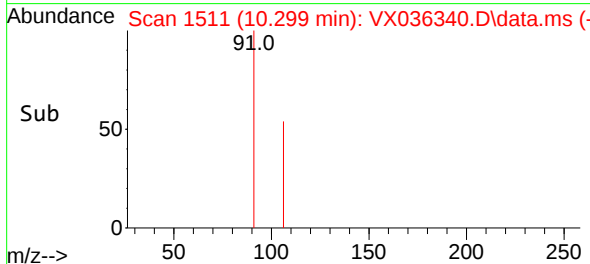
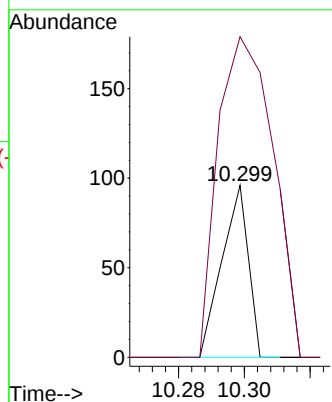
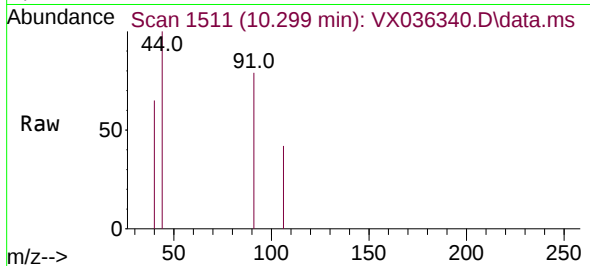




#68
m/p-Xylenes
Concen: 8.529 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

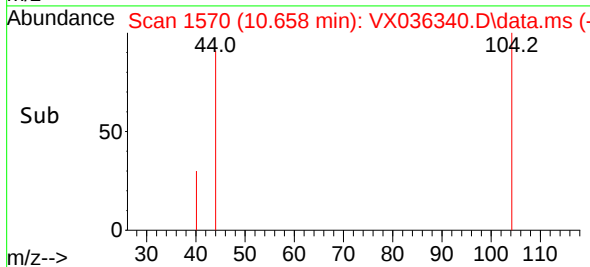
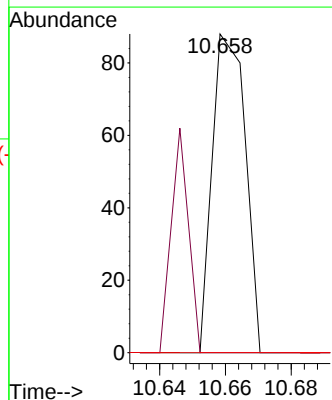
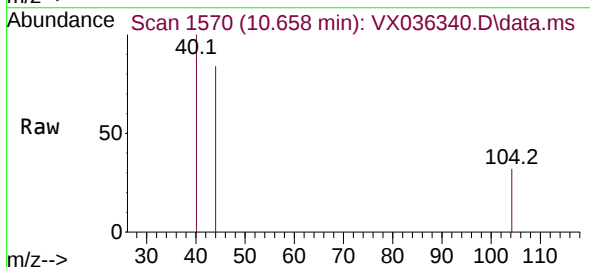
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

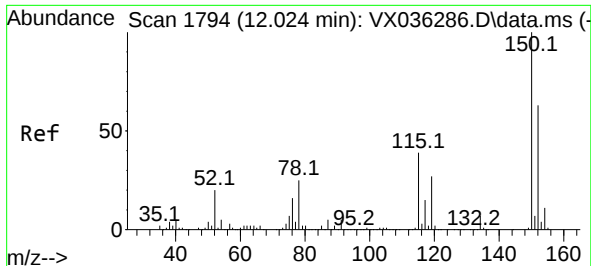
Tgt Ion:106 Resp: 53
Ion Ratio Lower Upper
106 100
91 394.3 165.5 248.3#



#70
Styrene
Concen: 6.208 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

Tgt Ion:104 Resp: 61
Ion Ratio Lower Upper
104 100
78 37.7 43.6 65.4#
103 0.0 43.6 65.4#

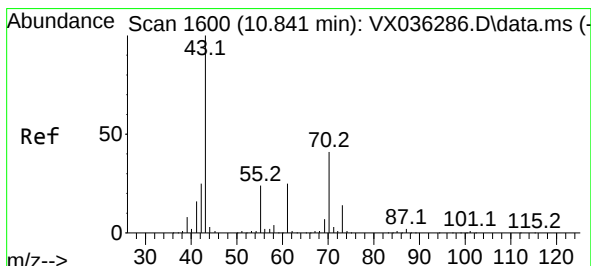
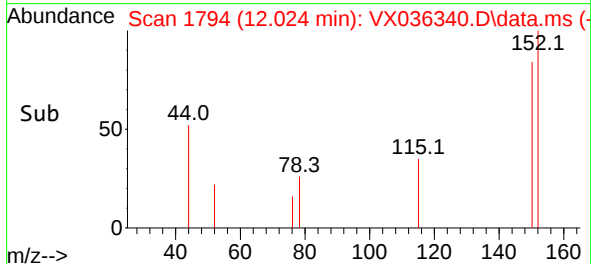
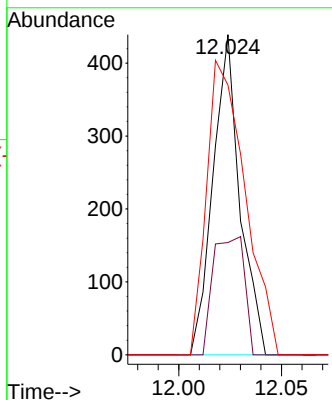
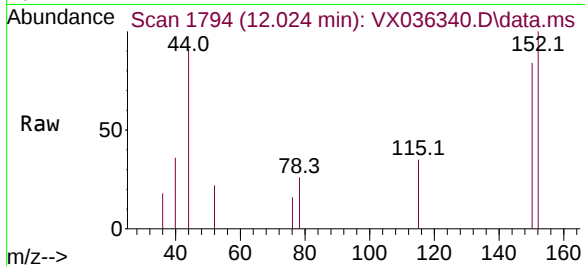




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

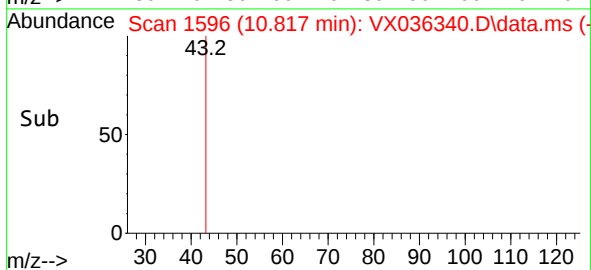
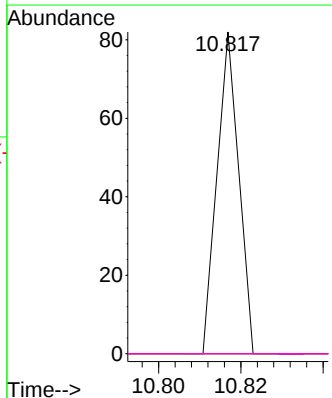
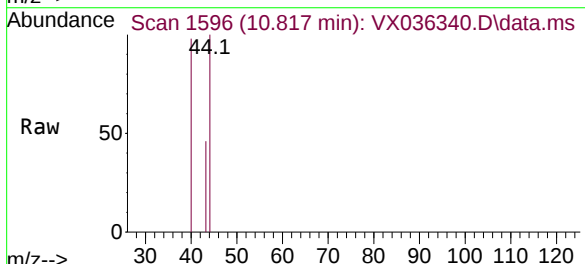
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

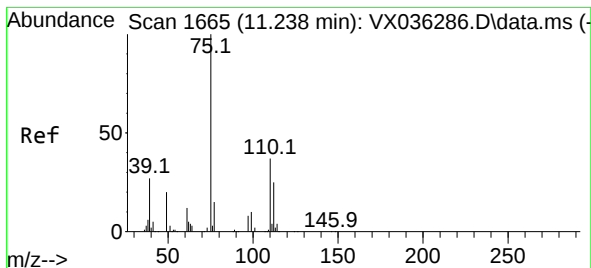
Tgt Ion:152 Resp: 401
Ion Ratio Lower Upper
152 100
115 42.6 43.3 129.9#
150 131.4 0.0 345.0



#74
N-ethyl acetate
Concen: 2.510 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

Tgt Ion: 43 Resp: 30
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 19.3 28.9#
61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 2.338 ug/l

RT: 11.317 min Scan# 1678

Delta R.T. 0.079 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

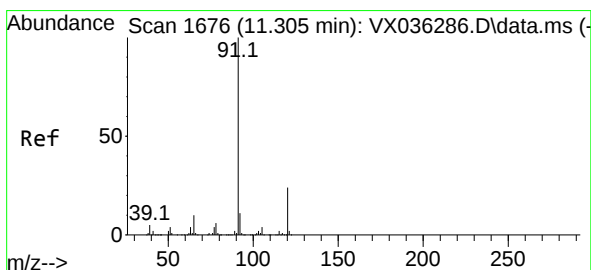
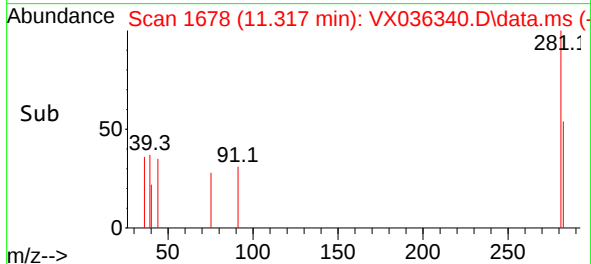
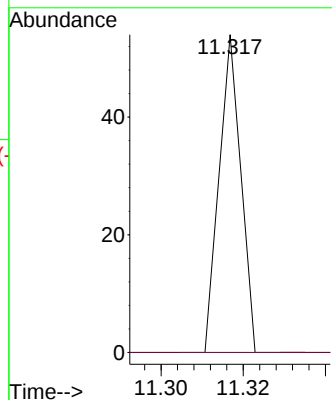
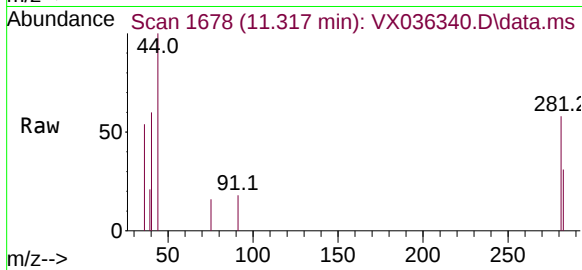
VSTDCCC050EC

Tgt Ion: 75 Resp: 20

Ion Ratio Lower Upper

75 100

77 0.0 19.1 57.5#



#78

n-propylbenzene

Concen: 4.194 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VX036340.D

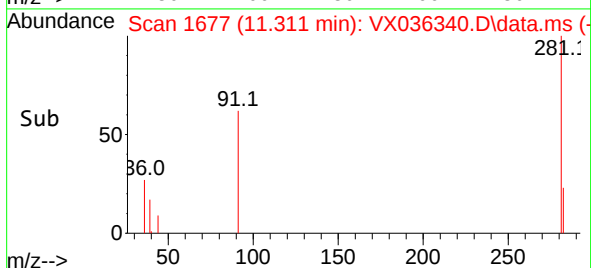
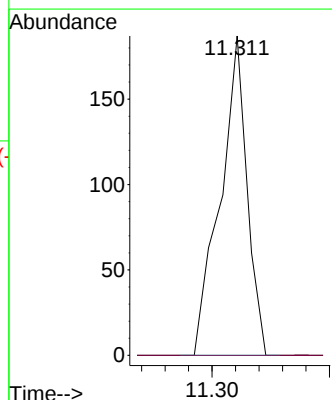
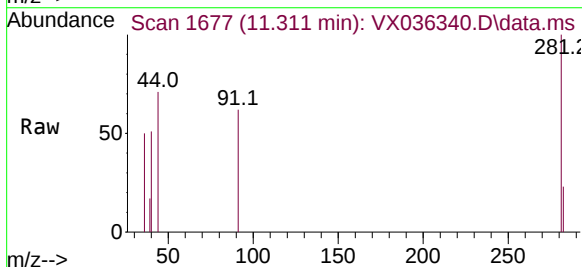
Acq: 26 Jun 2023 19:37

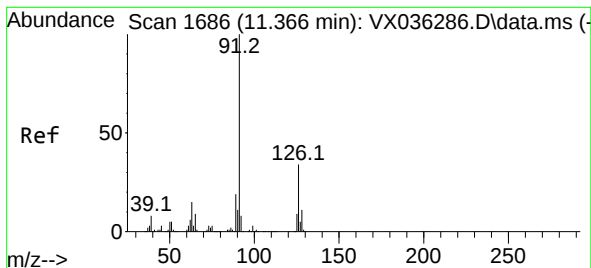
Tgt Ion: 91 Resp: 148

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#





#79

2-Chlorotoluene

Concen: 7.049 ug/l

RT: 11.311 min Scan# 1

Delta R.T. -0.055 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

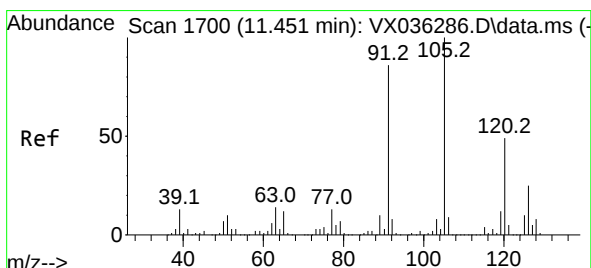
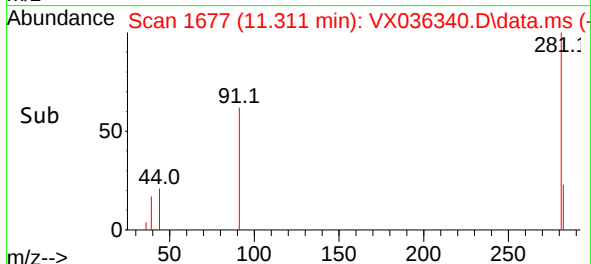
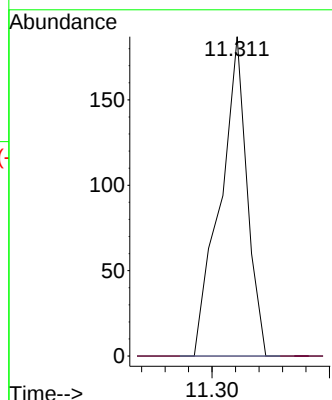
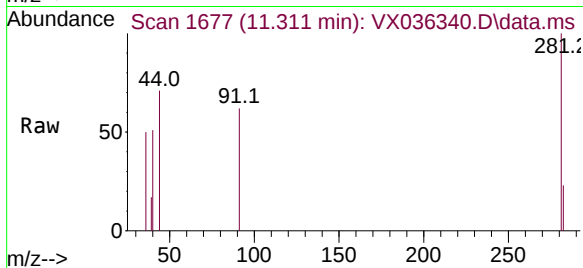
VSTDCCC050EC

Tgt Ion: 91 Resp: 148

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#82

4-Chlorotoluene

Concen: 6.955 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX036340.D

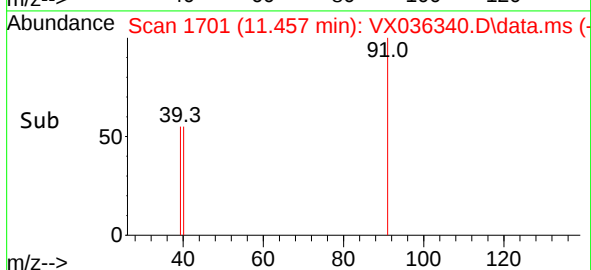
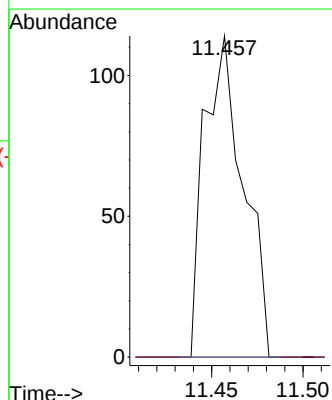
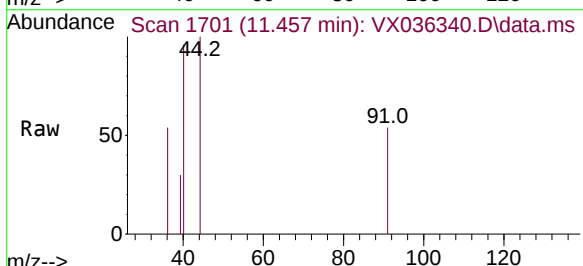
Acq: 26 Jun 2023 19:37

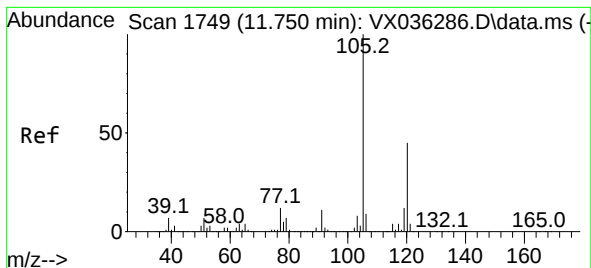
Tgt Ion: 91 Resp: 170

Ion Ratio Lower Upper

91 100

126 0.0 14.2 42.6#





#84

1,2,4-Trimethylbenzene

Concen: 2.370 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

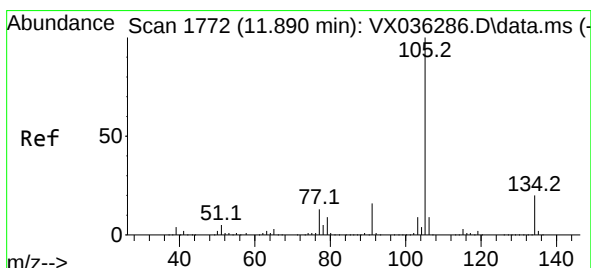
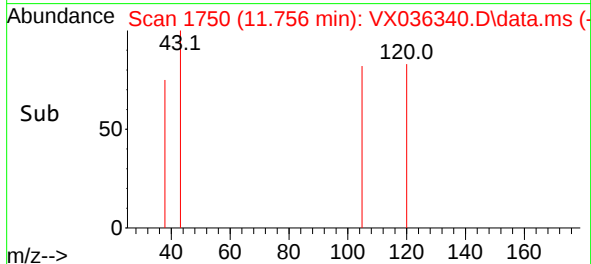
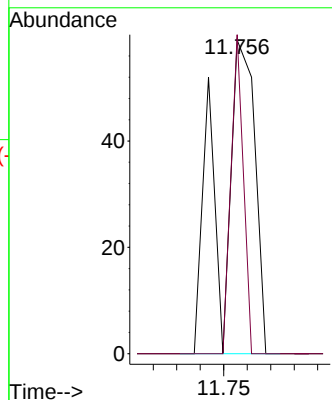
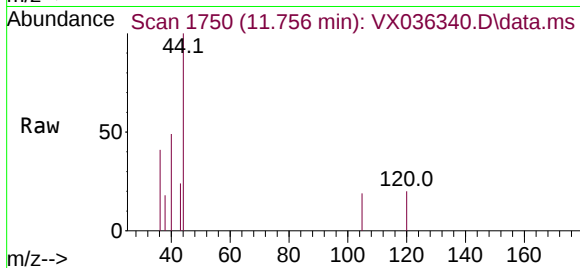
VSTDCCC050EC

Tgt Ion:105 Resp: 60

Ion Ratio Lower Upper

105 100

120 36.7 21.2 63.6



#85

sec-Butylbenzene

Concen: 1.931 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.134 min

Lab File: VX036340.D

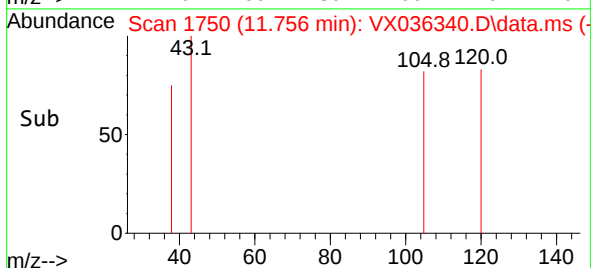
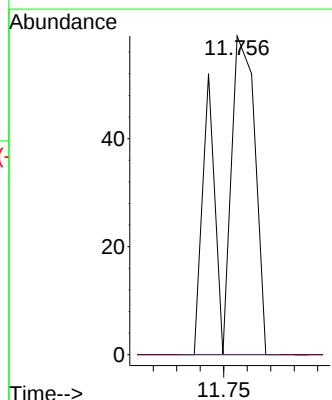
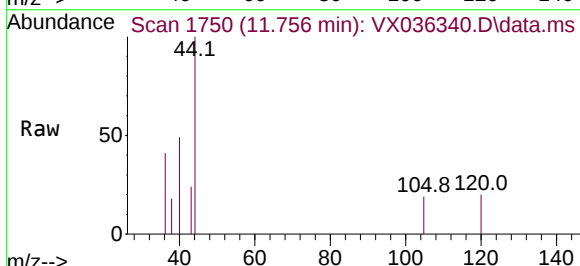
Acq: 26 Jun 2023 19:37

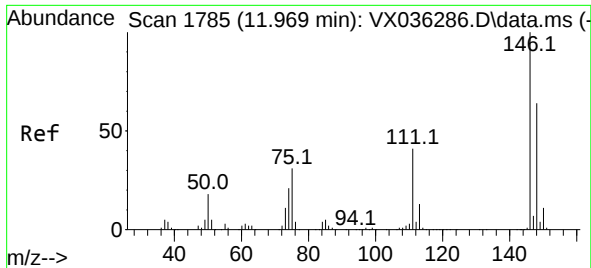
Tgt Ion:105 Resp: 60

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#





#87

1,3-Dichlorobenzene

Concen: 1.610 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.018 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

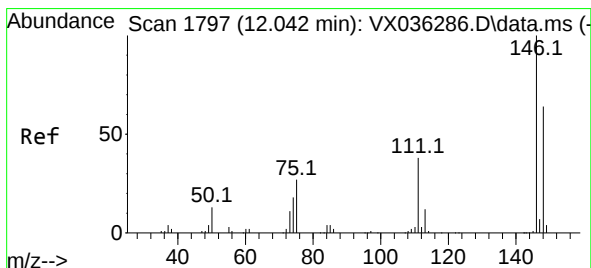
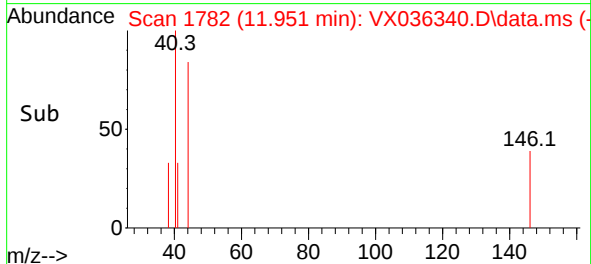
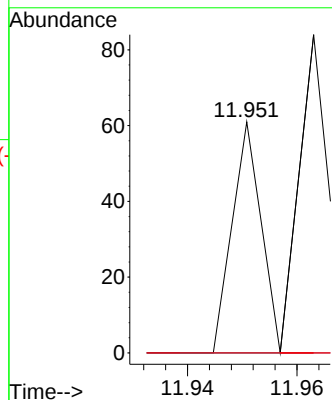
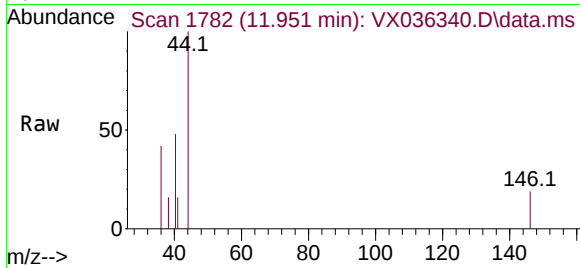
Tgt Ion:146 Resp: 22

Ion Ratio Lower Upper

146 100

111 0.0 22.1 66.1#

148 0.0 31.8 95.3#



#88

1,4-Dichlorobenzene

Concen: 1.581 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.091 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

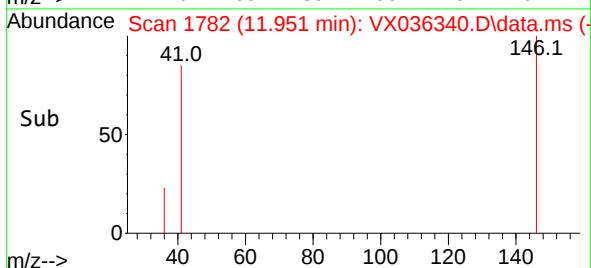
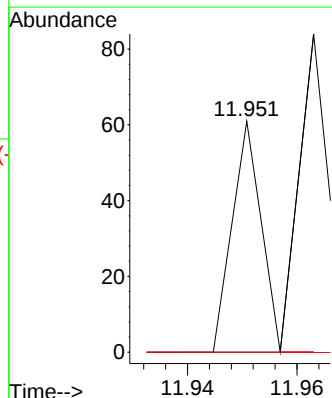
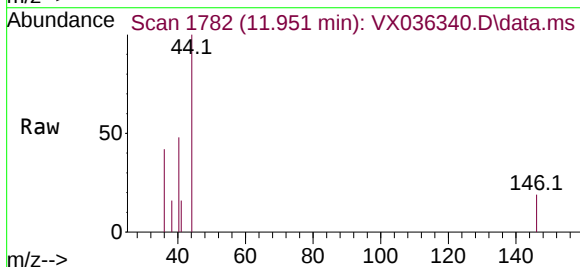
Tgt Ion:146 Resp: 22

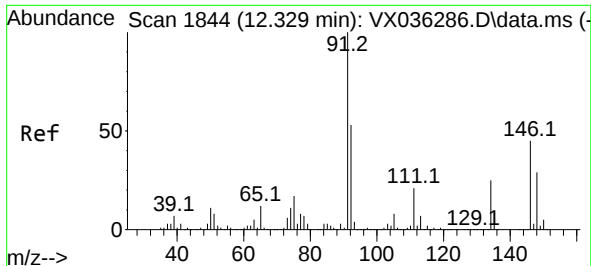
Ion Ratio Lower Upper

146 100

111 0.0 21.3 63.7#

148 0.0 31.8 95.4#





#89

n-Butylbenzene

Concen: 4.050 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

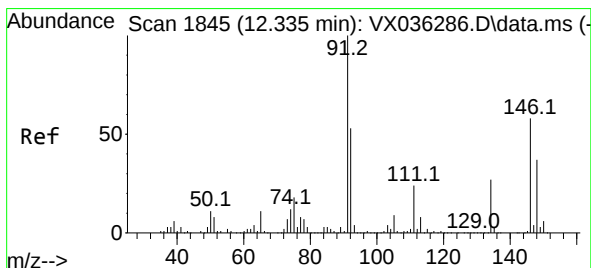
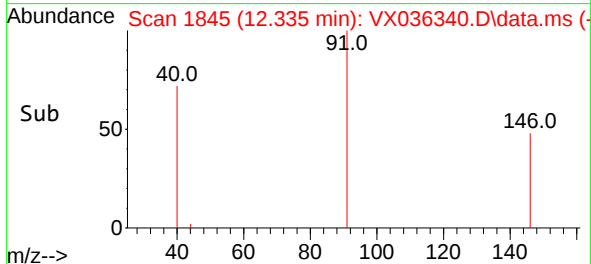
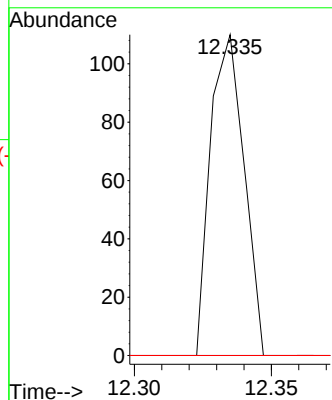
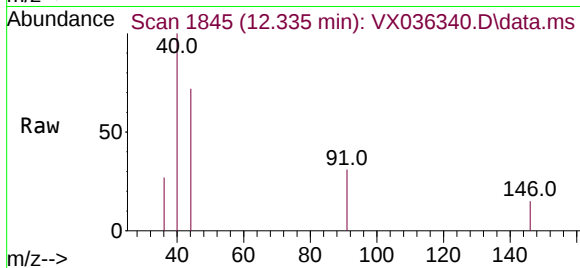
Tgt Ion: 91 Resp: 94

Ion Ratio Lower Upper

91 100

92 0.0 27.4 82.0#

134 0.0 12.6 37.8#



#91

1,2-Dichlorobenzene

Concen: 3.345 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX036340.D

Acq: 26 Jun 2023 19:37

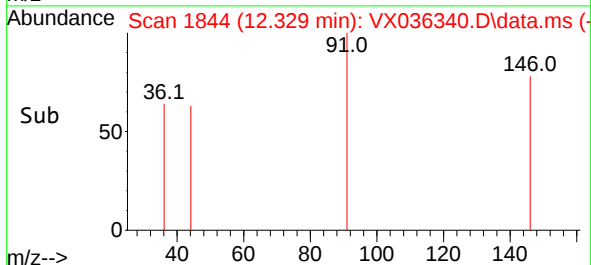
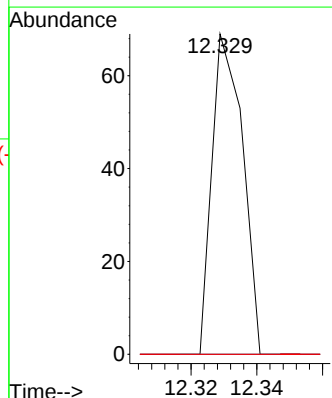
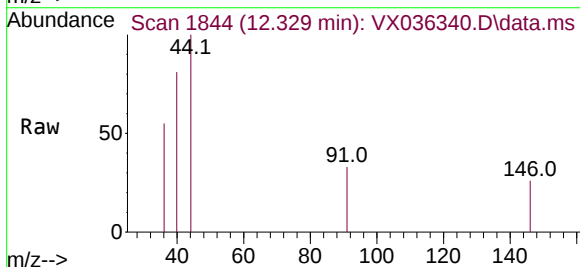
Tgt Ion:146 Resp: 45

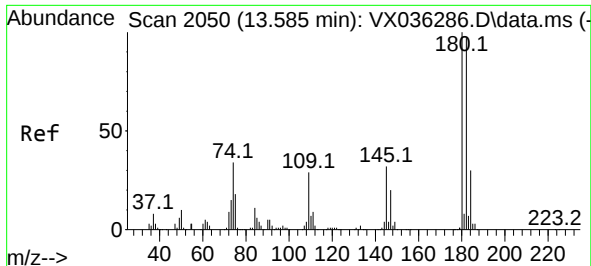
Ion Ratio Lower Upper

146 100

111 0.0 22.4 67.0#

148 0.0 31.6 95.0#

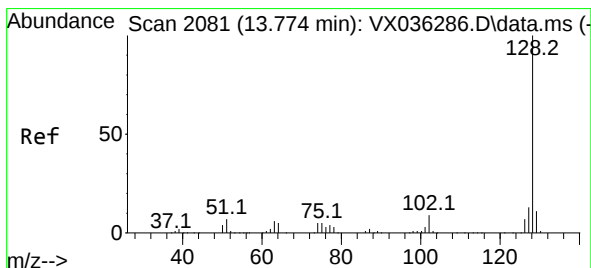
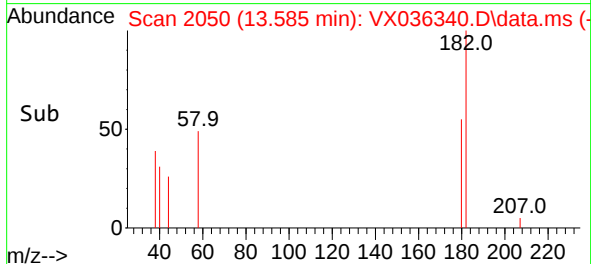
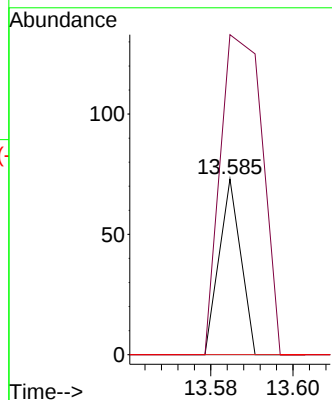
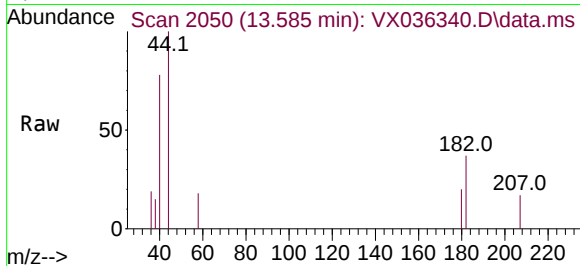




#93
1,2,4-Trichlorobenzene
Concen: 3.259 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 27
Ion Ratio Lower Upper
180 100
182 348.1 48.3 144.8#
145 0.0 18.0 54.0#



#95
Naphthalene
Concen: 29.188 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036340.D
Acq: 26 Jun 2023 19:37

Tgt Ion:128 Resp: 799
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

