

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044227.D
 Acq On : 11 Dec 2024 14:28
 Operator : JC/MD
 Sample : VX1211MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211MBL01

Quant Time: Dec 12 04:51:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	112436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	210194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	185014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77639	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95906	48.649	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.300%
35) Dibromofluoromethane	5.379	113	69372	47.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.300%
50) Toluene-d8	8.647	98	256581	52.242	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.480%
62) 4-Bromofluorobenzene	11.079	95	86457	50.378	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.760%

Target Compounds						Qvalue
3) Chloromethane	1.294	50	381	0.229	ug/l #	83
5) Bromomethane	1.605	94	619	0.504	ug/l	99
6) Chloroethane	1.660	64	367	0.340	ug/l	92
11) Tert butyl alcohol	2.934	59	2638	9.495	ug/l #	71
12) 1,1-Dichloroethene	2.307	96	307	0.244	ug/l	94
13) Acrolein	2.239	56	378	0.940	ug/l	89
14) Allyl chloride	2.654	41	778	0.371	ug/l #	73
15) Acrylonitrile	3.075	53	765	0.994	ug/l	97
16) Acetone	2.380	43	1357	1.688	ug/l	90
17) Carbon Disulfide	2.495	76	2323	0.970	ug/l #	92
18) Methyl Acetate	2.697	43	705	0.340	ug/l #	77
20) Methylene Chloride	2.776	84	506	0.335	ug/l #	45
21) trans-1,2-Dichloroethene	3.081	96	674	0.503	ug/l	86
23) Vinyl Acetate	3.764	43	1298	0.338	ug/l #	73
27) cis-1,2-Dichloroethene	4.495	96	499	0.293	ug/l	63
29) Tetrahydrofuran	5.019	42	253	0.345	ug/l #	69
36) 1,1-Dichloropropene	5.690	75	730	0.388	ug/l #	65
38) Carbon Tetrachloride	5.538	117	13052	6.442	ug/l #	19
44) Trichloroethene	7.129	130	538	0.378	ug/l	69
46) Dibromomethane	7.598	93	340	0.300	ug/l #	25
51) 4-Methyl-2-Pentanone	8.580	43	588	0.252	ug/l	92
53) t-1,3-Dichloropropene	9.000	75	487	1.235	ug/l #	41
54) cis-1,3-Dichloropropene	8.372	75	500	0.235	ug/l #	75
58) 2-Chloroethyl Vinyl ether	8.281	63	330	0.291	ug/l #	46
60) Dibromochloromethane	9.531	129	94	1.295	ug/l	100
64) Tetrachloroethene	9.275	164	452	0.368	ug/l #	78
65) Chlorobenzene	10.079	112	1098	0.277	ug/l #	83
67) Ethyl Benzene	10.195	91	1489	0.217	ug/l	99
68) m/p-Xylenes	10.311	106	1135	0.452	ug/l	99
70) Styrene	10.671	104	879	0.216	ug/l #	80
71) Bromoform	10.805	173	86	1.335	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	49320	28.451	ug/l #	35
77) Bromobenzene	11.207	156	389	0.270	ug/l	88
78) n-propylbenzene	11.305	91	1603	0.244	ug/l	85
79) 2-Chlorotoluene	11.366	91	1319	0.310	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	1090	0.221	ug/l	94

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

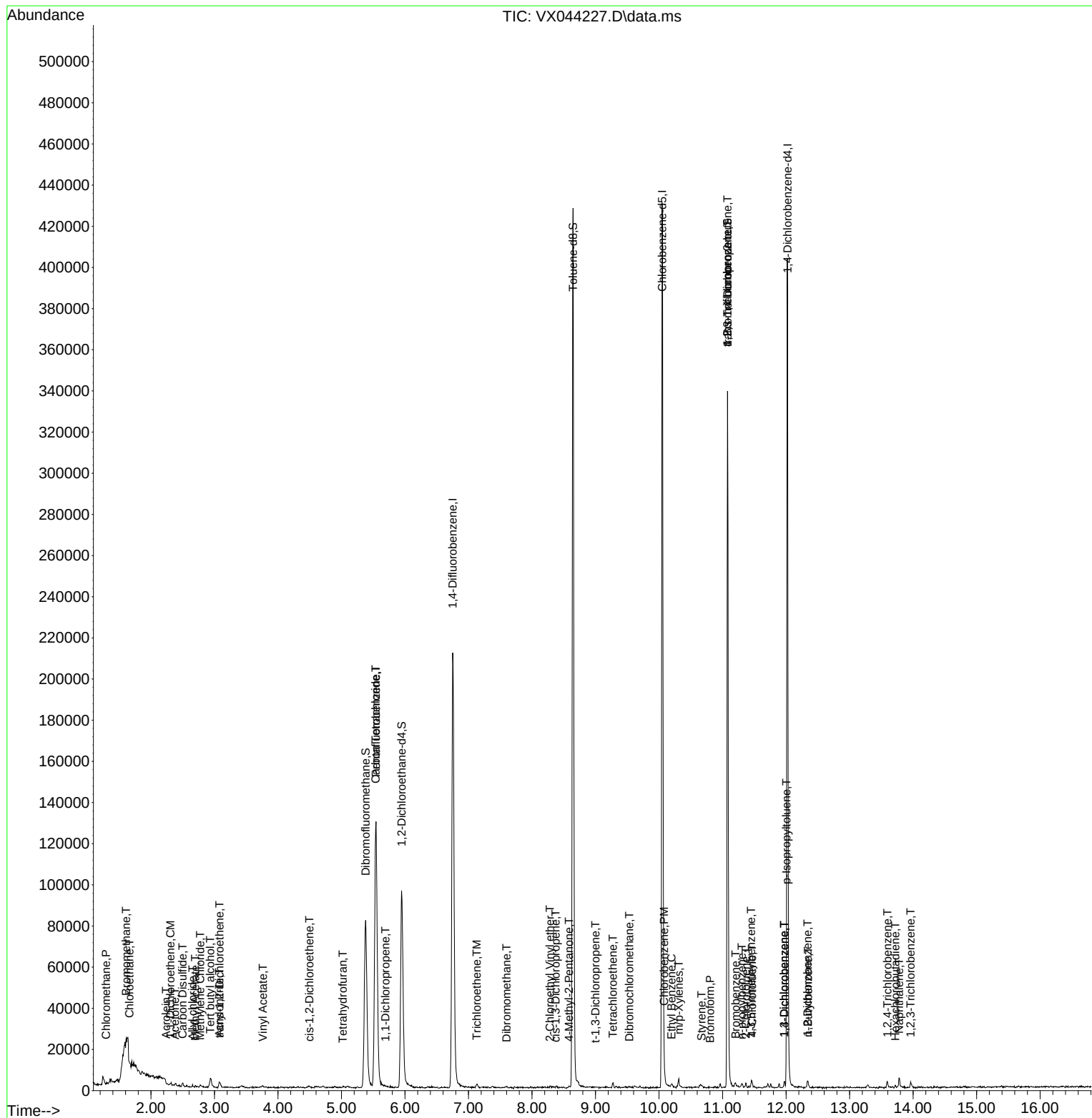
81) trans-1,4-Dichloro-2-b...	11.079	75	49320	78.010	ug/l #	4
82) 4-Chlorotoluene	11.463	91	1611	0.342	ug/l	84
86) p-Isopropyltoluene	12.006	119	1065	0.216	ug/l #	63
87) 1,3-Dichlorobenzene	11.969	146	990	0.393	ug/l	94
88) 1,4-Dichlorobenzene	11.969	146	990	0.383	ug/l	95
89) n-Butylbenzene	12.347	91	1151	0.278	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	633	0.242	ug/l	80
93) 1,2,4-Trichlorobenzene	13.597	180	1010	0.705	ug/l	83
94) Hexachlorobutadiene	13.719	225	182	0.316	ug/l #	45
95) Naphthalene	13.780	128	4183	0.748	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	890	0.585	ug/l	79

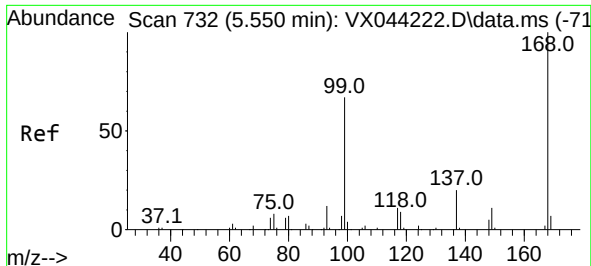
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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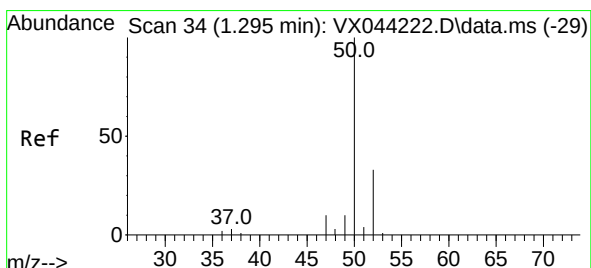
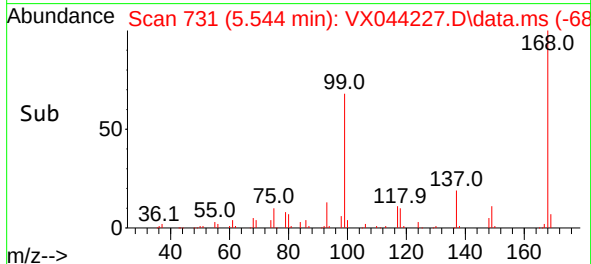
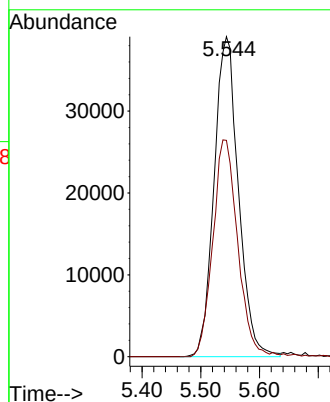
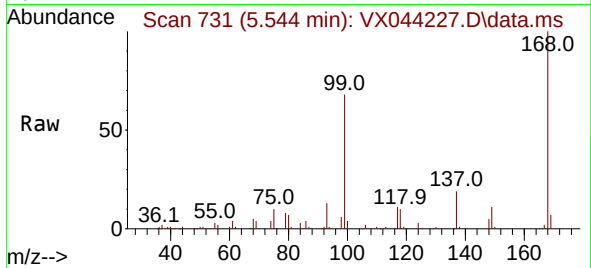




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

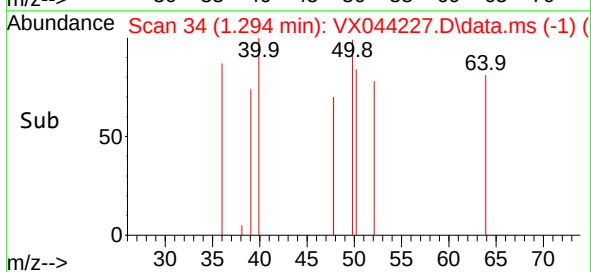
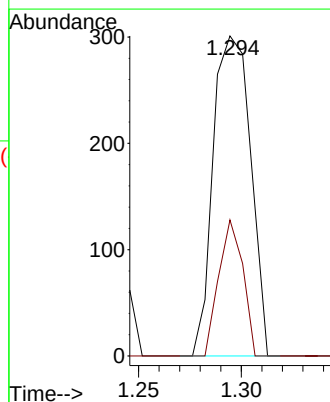
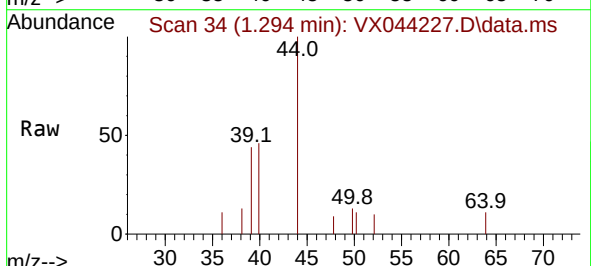
Instrument :
MSVOA_X
ClientSampleId :
VX1211MBL01

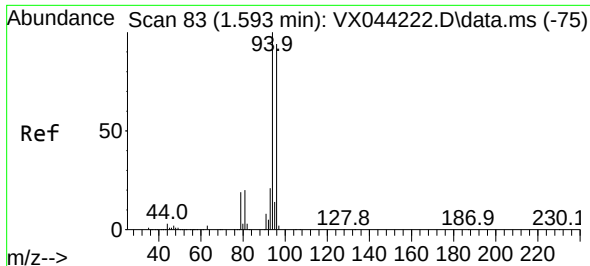
Tgt Ion:168 Resp: 112436
Ion Ratio Lower Upper
168 100
99 67.6 53.4 80.0



#3
Chloromethane
Concen: 0.229 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

Tgt Ion: 50 Resp: 381
Ion Ratio Lower Upper
50 100
52 42.5 26.5 39.7#

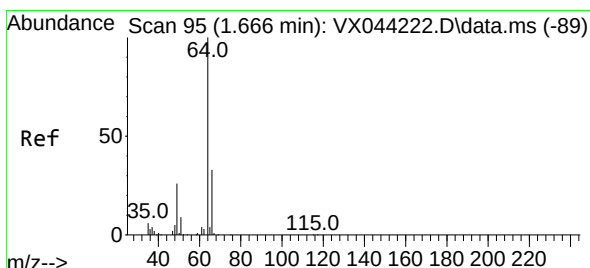
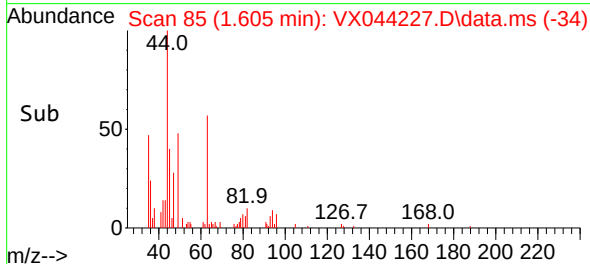
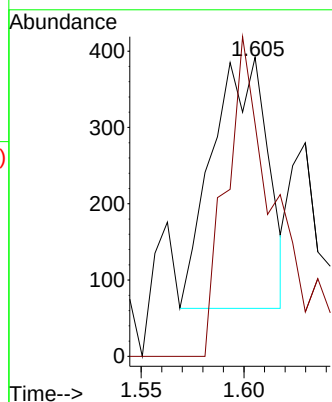
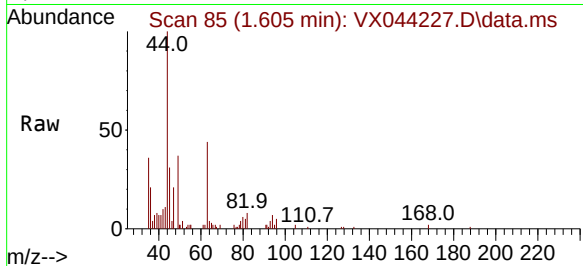




#5
Bromomethane
Concen: 0.504 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

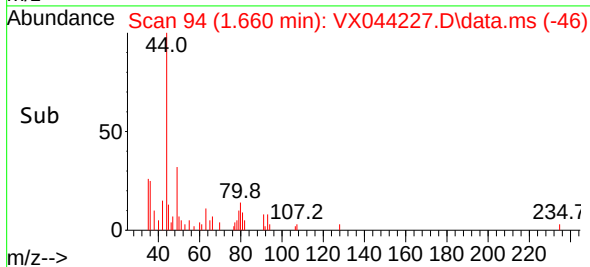
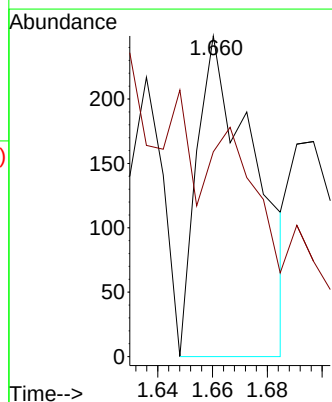
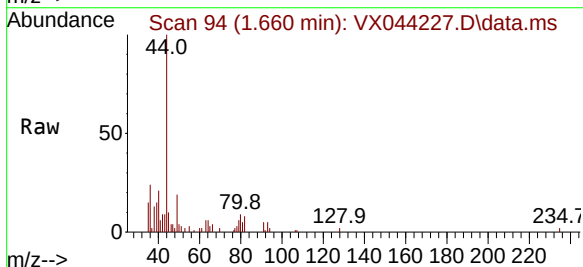
Instrument :
MSVOA_X
ClientSampleId :
VX1211MBL01

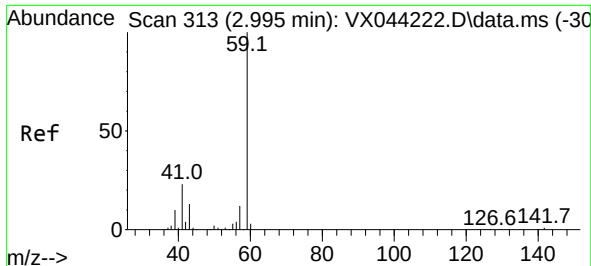
Tgt Ion: 94 Resp: 619
Ion Ratio Lower Upper
94 100
96 92.7 74.9 112.3



#6
Chloroethane
Concen: 0.340 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

Tgt Ion: 64 Resp: 367
Ion Ratio Lower Upper
64 100
66 37.8 26.6 39.8

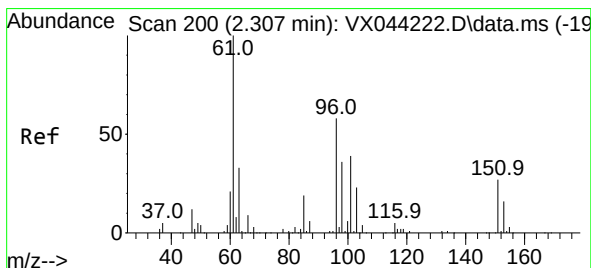
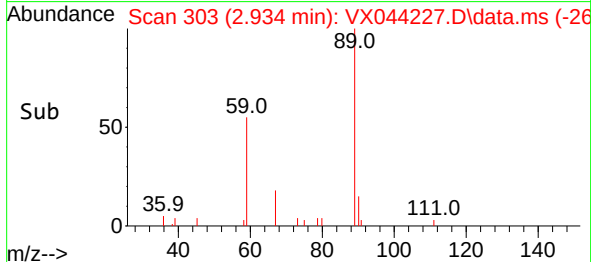
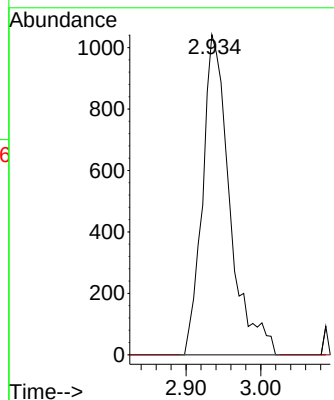
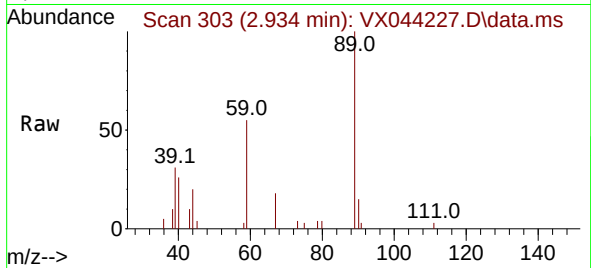




#11
Tert butyl alcohol
Concen: 9.495 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

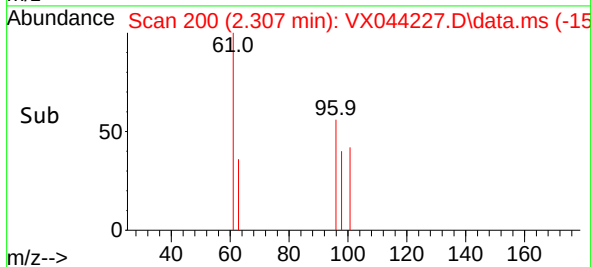
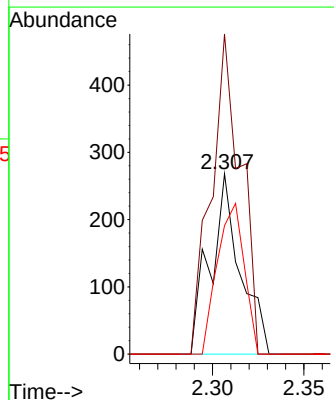
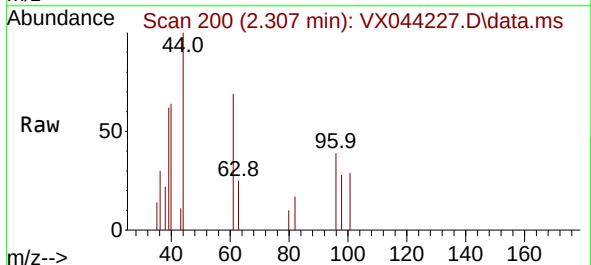
Instrument :
MSVOA_X
ClientSampleId :
VX1211MBL01

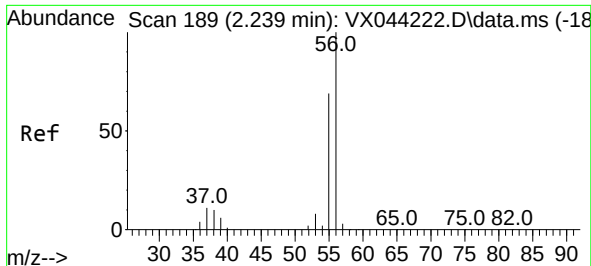
Tgt Ion: 59 Resp: 2638
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 0.244 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

Tgt Ion: 96 Resp: 307
Ion Ratio Lower Upper
96 100
61 177.6 138.0 207.0
98 71.3 50.0 75.0





#13

Acrolein

Concen: 0.940 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

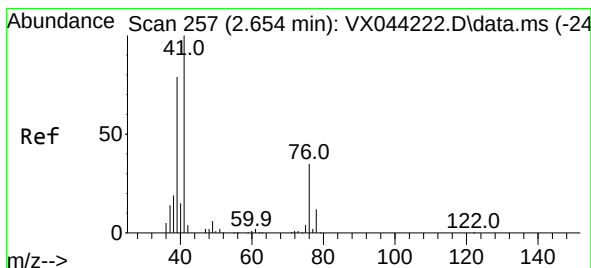
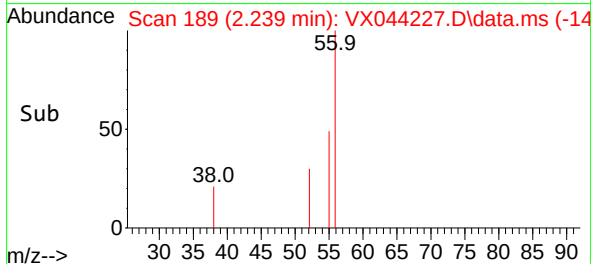
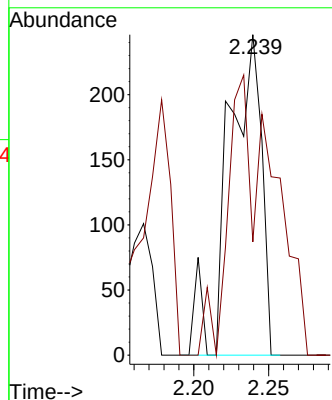
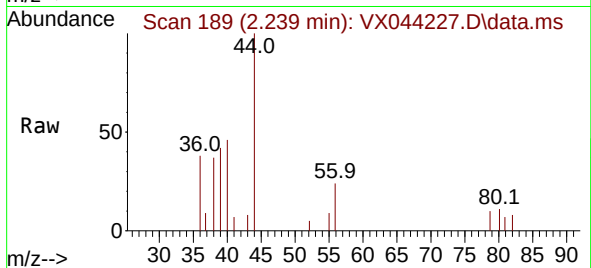
VX1211MBL01

Tgt Ion: 56 Resp: 378

Ion Ratio Lower Upper

56 100

55 61.4 56.6 84.8



#14

Allyl chloride

Concen: 0.371 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

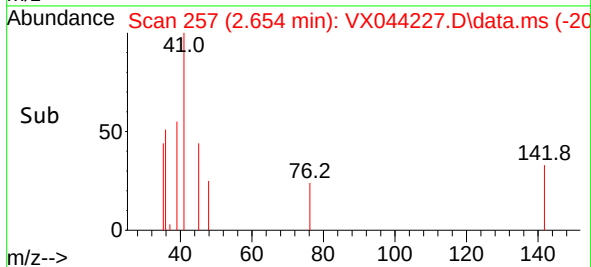
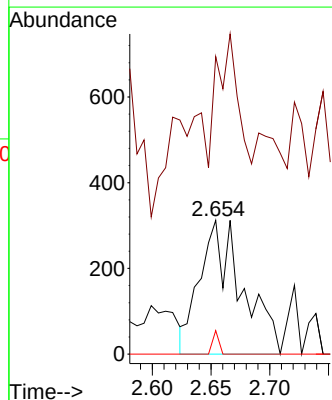
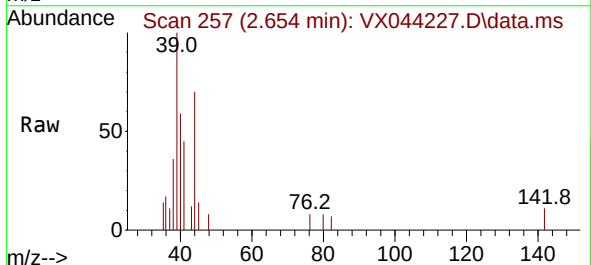
Tgt Ion: 41 Resp: 778

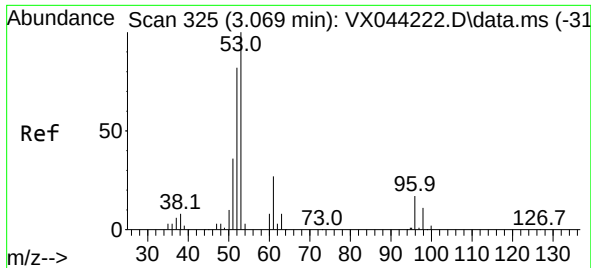
Ion Ratio Lower Upper

41 100

39 67.1 61.9 92.9

76 0.0 27.4 41.2#





#15

Acrylonitrile

Concen: 0.994 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

Instrument :

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ClientSampleId :

VX1211MBL01

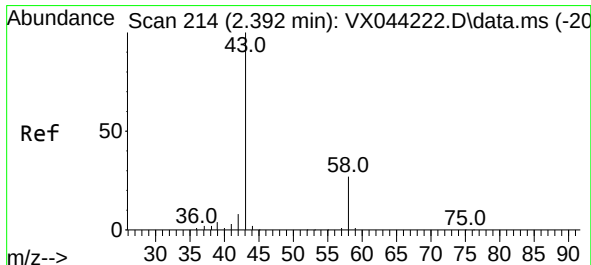
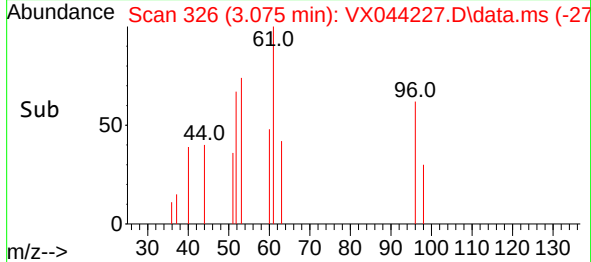
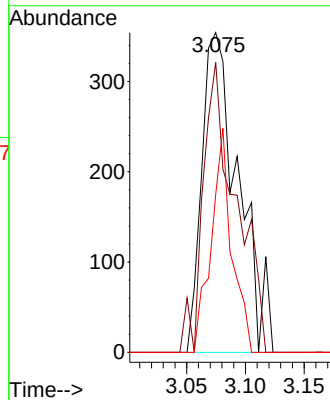
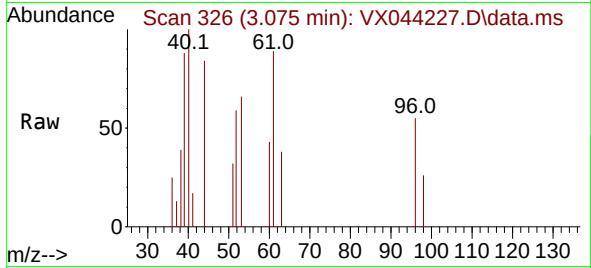
Tgt Ion: 53 Resp: 765

Ion Ratio Lower Upper

53 100

52 81.7 67.4 101.0

51 39.3 30.3 45.5



#16

Acetone

Concen: 1.688 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX044227.D

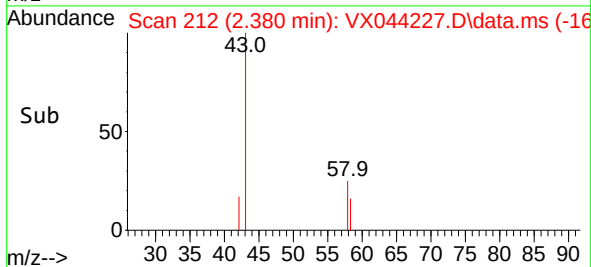
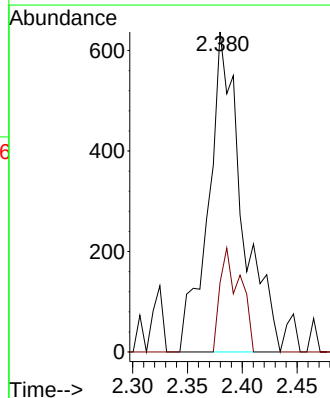
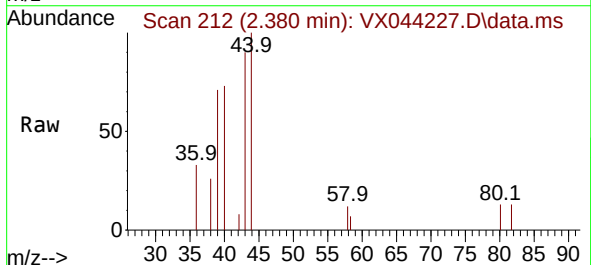
Acq: 11 Dec 2024 14:28

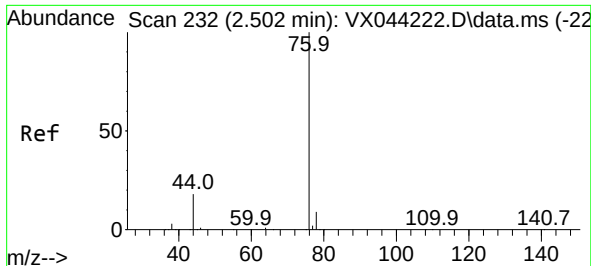
Tgt Ion: 43 Resp: 1357

Ion Ratio Lower Upper

43 100

58 21.7 21.6 32.4





#17

Carbon Disulfide

Concen: 0.970 ug/l

RT: 2.495 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

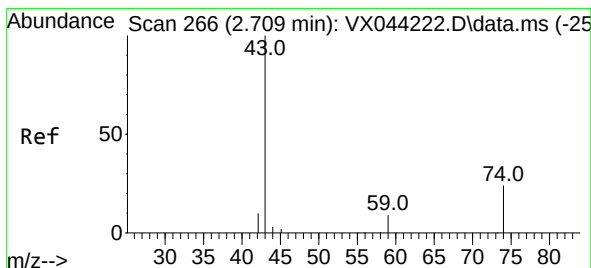
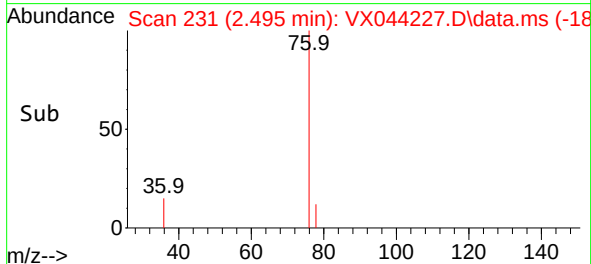
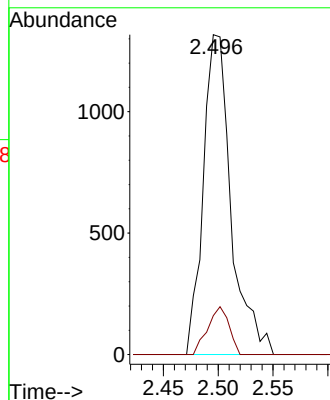
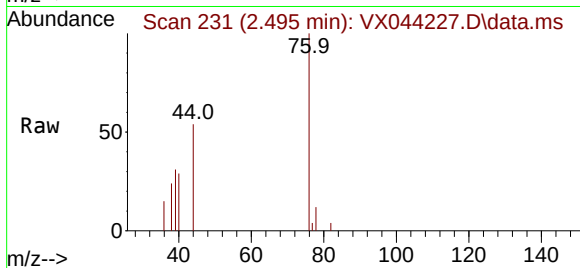
VX1211MBL01

Tgt Ion: 76 Resp: 2323

Ion Ratio Lower Upper

76 100

78 12.1 7.4 11.0#



#18

Methyl Acetate

Concen: 0.340 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.012 min

Lab File: VX044227.D

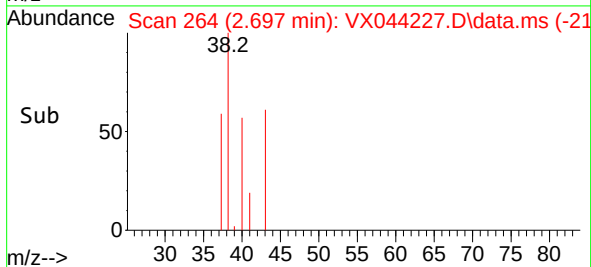
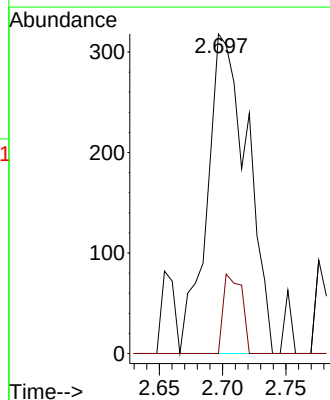
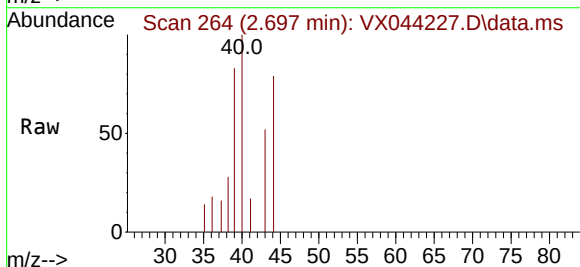
Acq: 11 Dec 2024 14:28

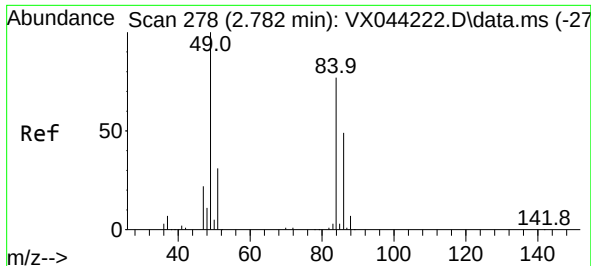
Tgt Ion: 43 Resp: 705

Ion Ratio Lower Upper

43 100

74 11.2 17.7 26.5#





#20

Methylene Chloride

Concen: 0.335 ug/l

RT: 2.776 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX1211MBL01

Tgt Ion: 84 Resp: 506

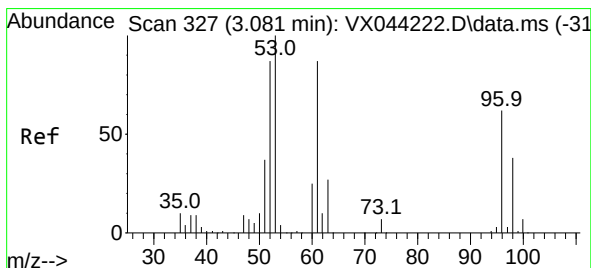
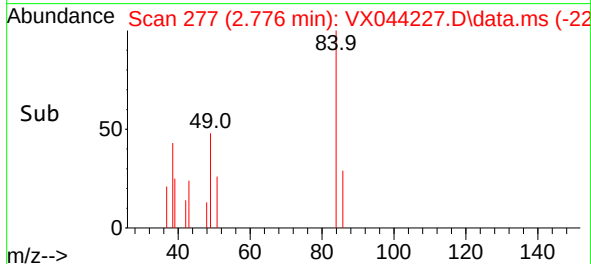
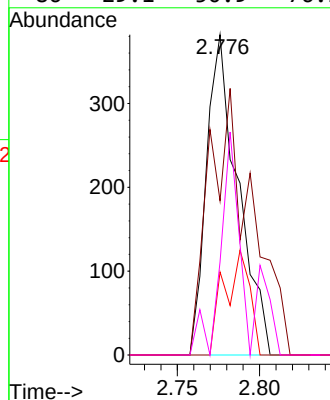
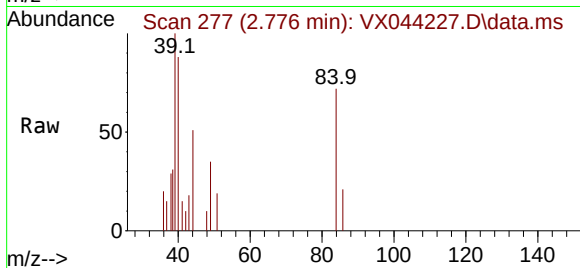
Ion Ratio Lower Upper

84 100

49 48.2 104.2 156.4#

51 25.9 32.2 48.4#

86 29.1 50.9 76.3#



#21

trans-1,2-Dichloroethene

Concen: 0.503 ug/l

RT: 3.081 min Scan# 327

Delta R.T. -0.000 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

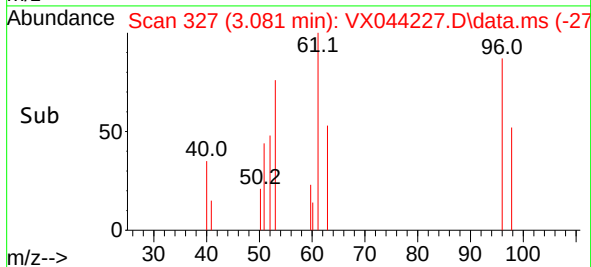
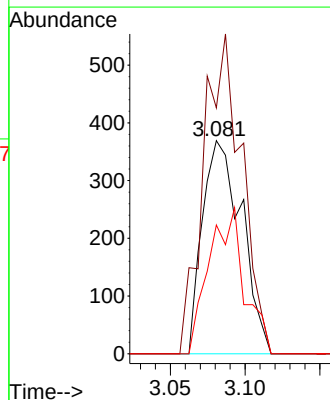
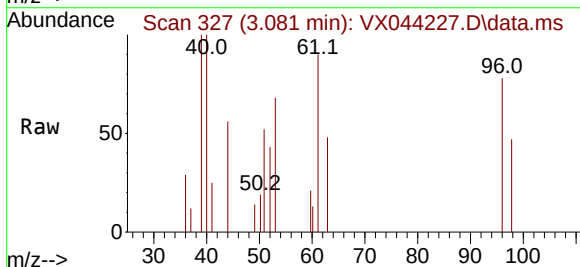
Tgt Ion: 96 Resp: 674

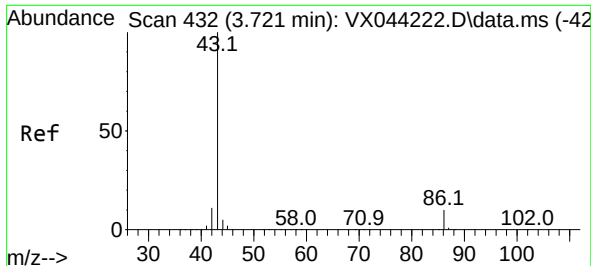
Ion Ratio Lower Upper

96 100

61 115.4 112.0 168.0

98 60.4 48.8 73.2

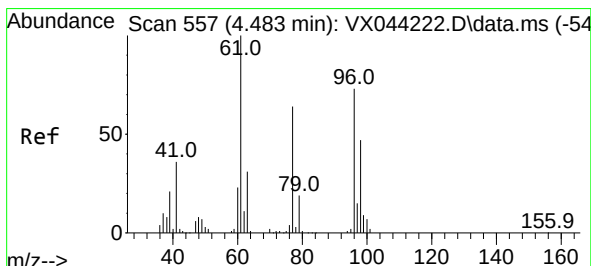
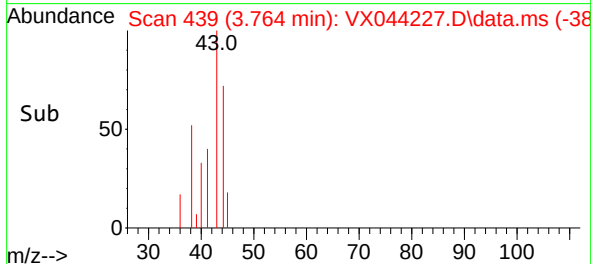
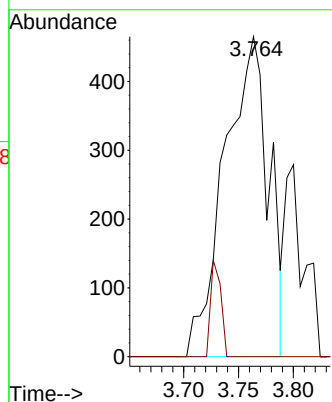
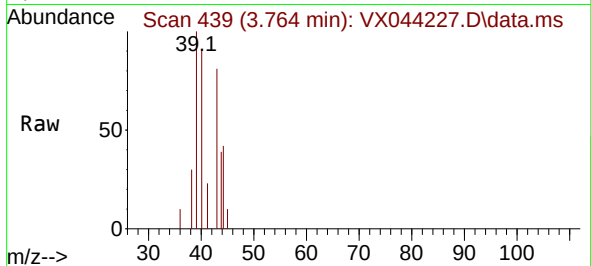




#23
 Vinyl Acetate
 Concen: 0.338 ug/l
 RT: 3.764 min Scan# 41
 Delta R.T. 0.043 min
 Lab File: VX044227.D
 Acq: 11 Dec 2024 14:28

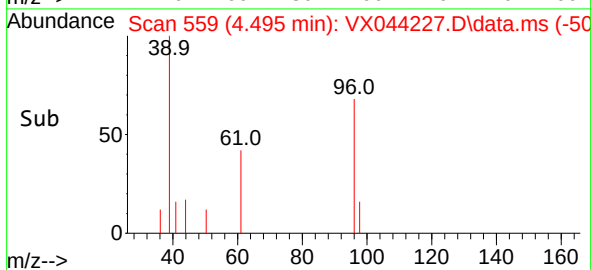
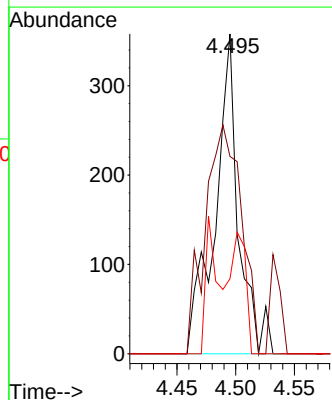
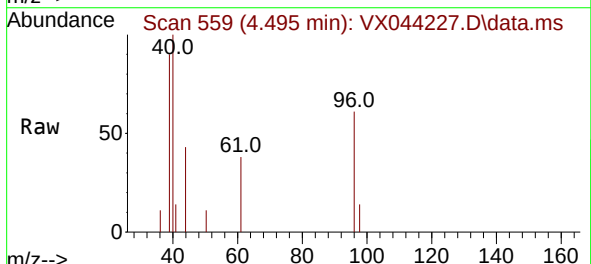
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211MBL01

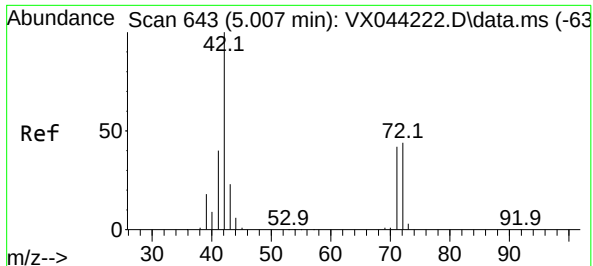
Tgt Ion: 43 Resp: 1298
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.2#



#27
 cis-1,2-Dichloroethene
 Concen: 0.293 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.012 min
 Lab File: VX044227.D
 Acq: 11 Dec 2024 14:28

Tgt Ion: 96 Resp: 499
 Ion Ratio Lower Upper
 96 100
 61 110.2 0.0 299.0
 98 24.8 0.0 129.0





#29

Tetrahydrofuran

Concen: 0.345 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX1211MBL01

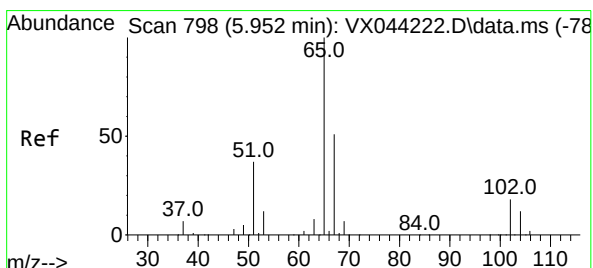
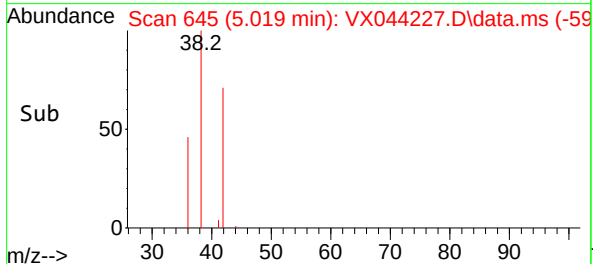
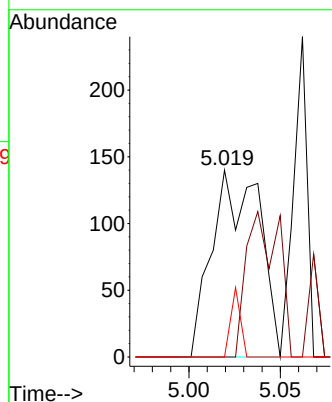
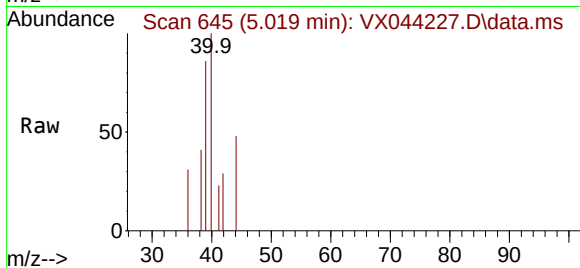
Tgt Ion: 42 Resp: 253

Ion Ratio Lower Upper

42 100

72 52.6 37.0 55.6

71 7.5 33.6 50.4#



#33

1,2-Dichloroethane-d4

Concen: 48.649 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX044227.D

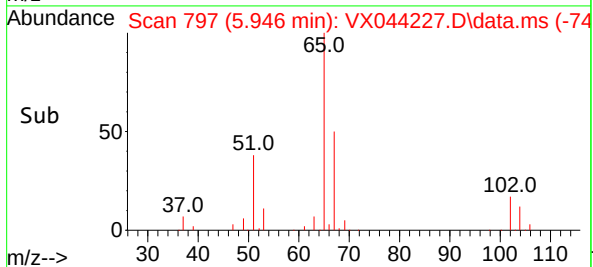
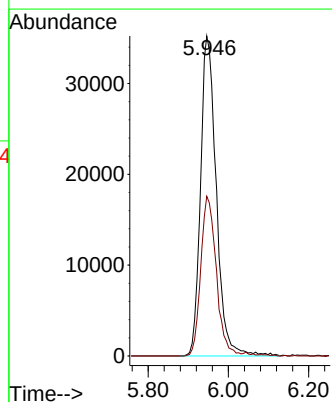
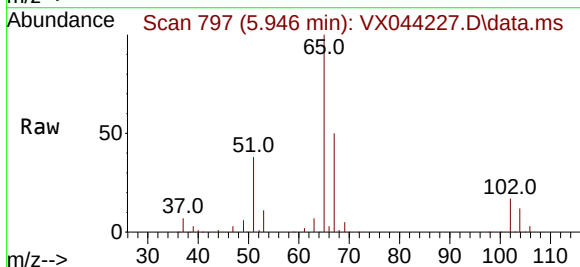
Acq: 11 Dec 2024 14:28

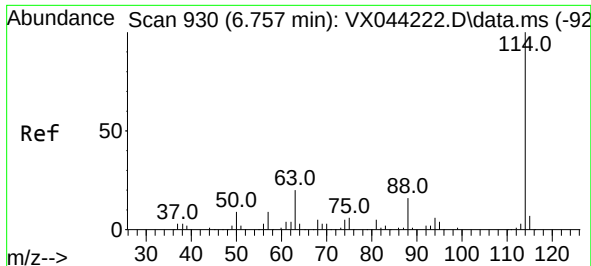
Tgt Ion: 65 Resp: 95906

Ion Ratio Lower Upper

65 100

67 49.2 0.0 101.6

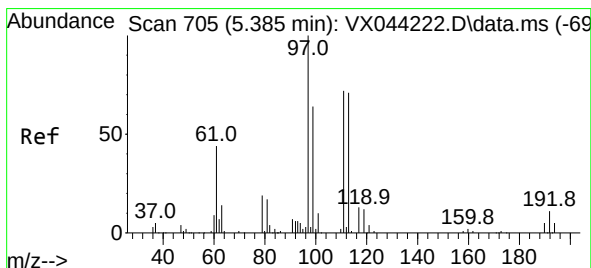
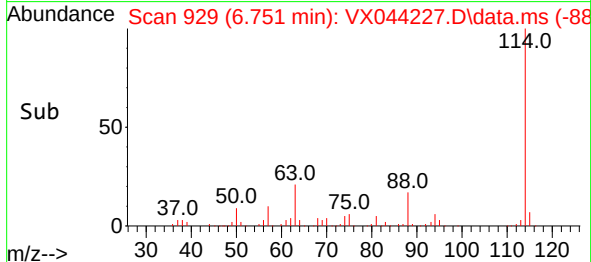
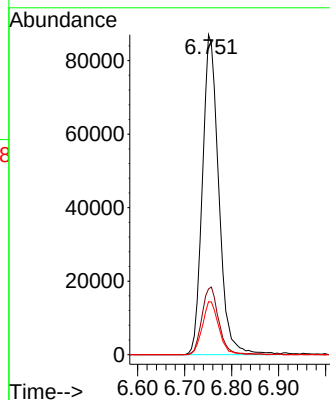
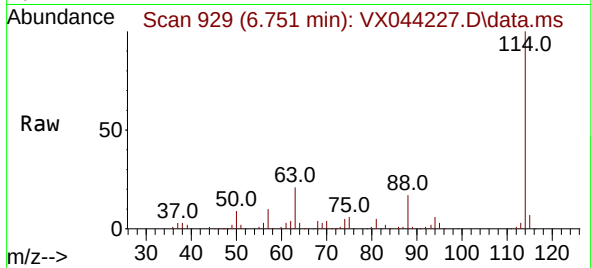




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VX044227.D
 Acq: 11 Dec 2024 14:28

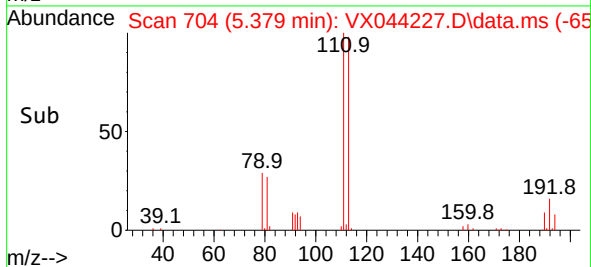
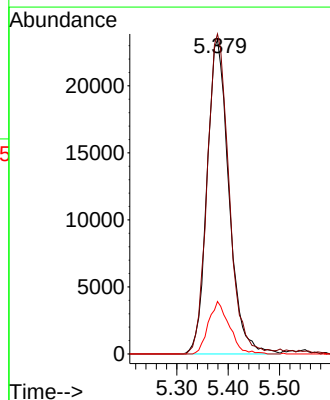
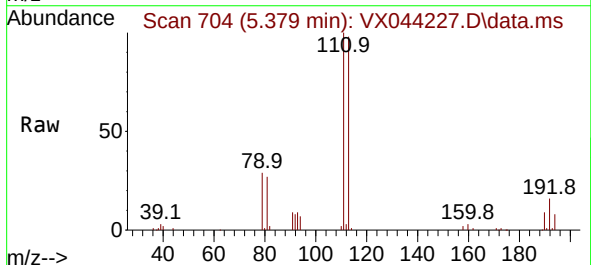
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211MBL01

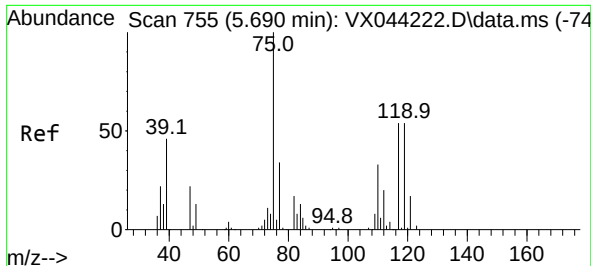
Tgt Ion:114 Resp: 210194
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.6
 88 16.5 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 47.653 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX044227.D
 Acq: 11 Dec 2024 14:28

Tgt Ion:113 Resp: 69372
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.4 120.6
 192 15.9 13.3 19.9





#36

1,1-Dichloropropene

Concen: 0.388 ug/l

RT: 5.690 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX1211MBL01

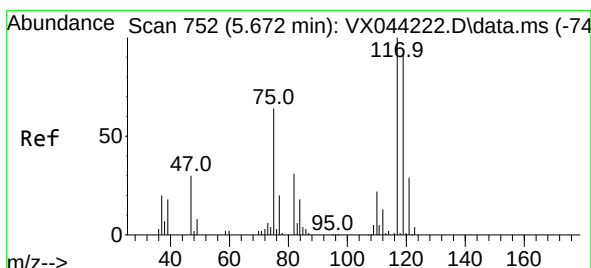
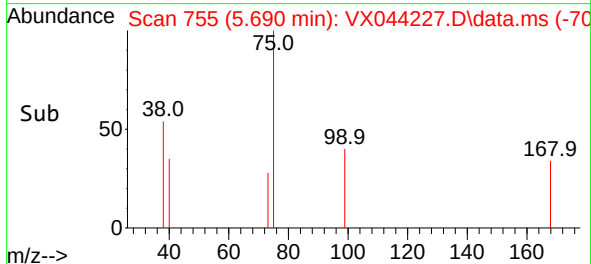
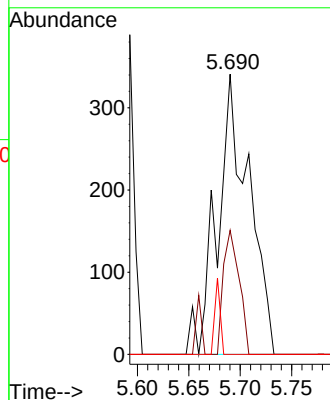
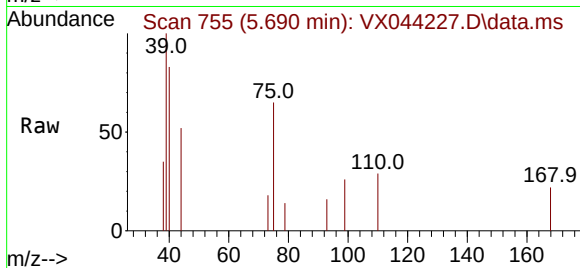
Tgt Ion: 75 Resp: 730

Ion Ratio Lower Upper

75 100

110 22.1 17.3 51.7

77 4.7 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 6.442 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.134 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

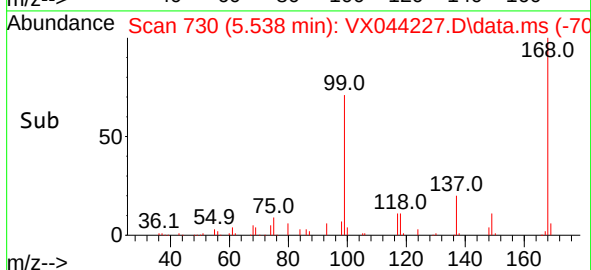
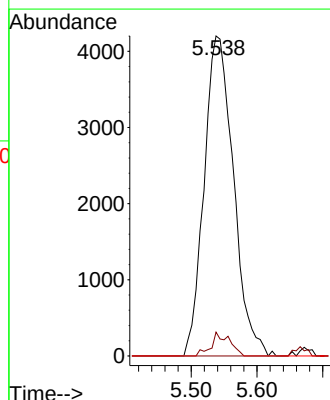
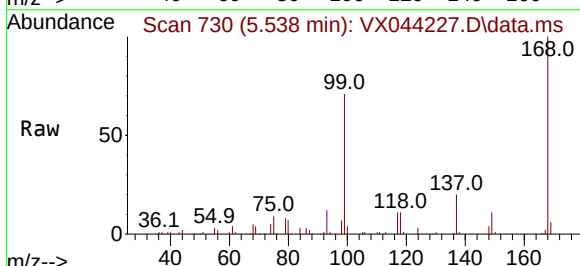
Tgt Ion: 117 Resp: 13052

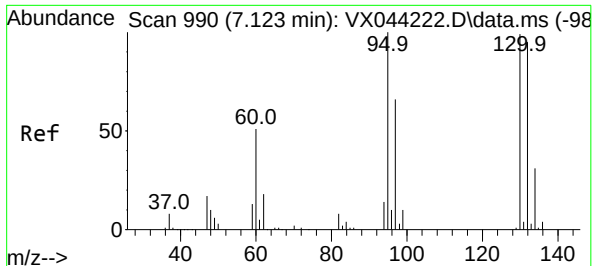
Ion Ratio Lower Upper

117 100

119 7.4 74.2 111.4#

121 0.0 23.0 34.6#

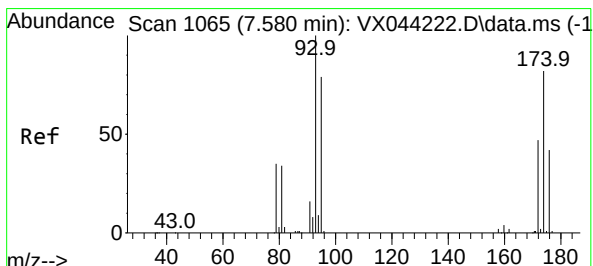
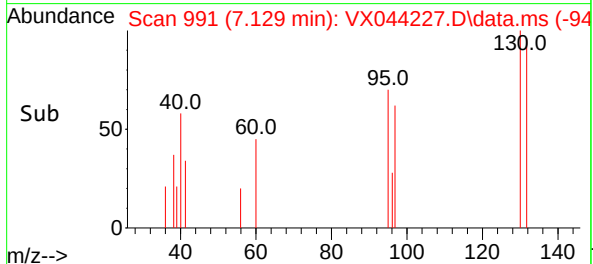
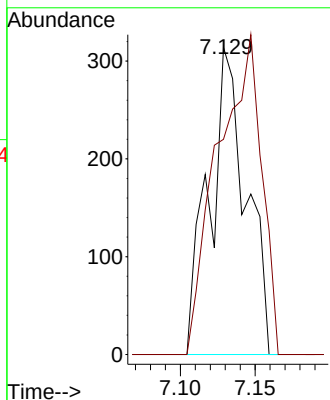
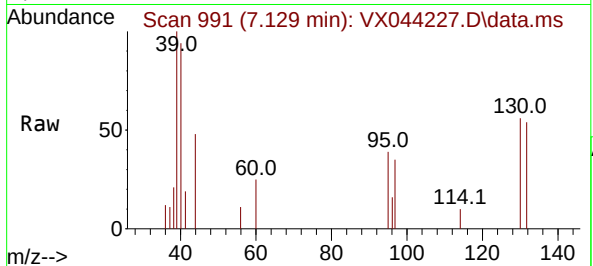




#44
Trichloroethene
Concen: 0.378 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

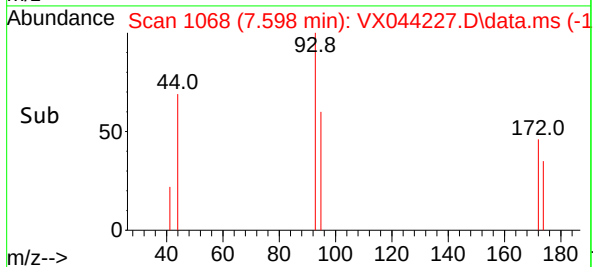
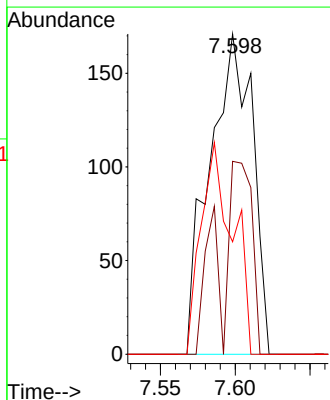
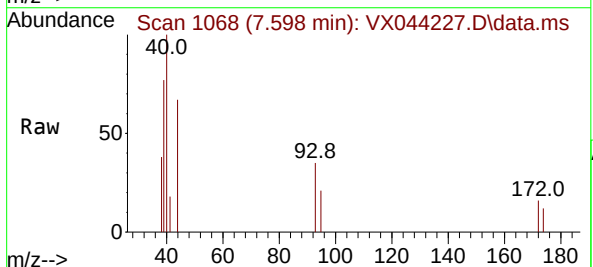
Instrument :
MSVOA_X
ClientSampleId :
VX1211MBL01

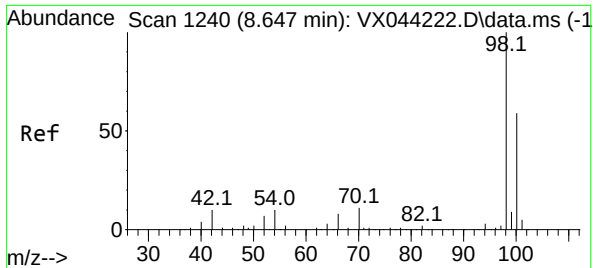
Tgt Ion:130 Resp: 538
Ion Ratio Lower Upper
130 100
95 70.1 0.0 201.4



#46
Dibromomethane
Concen: 0.300 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. 0.018 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

Tgt Ion: 93 Resp: 340
Ion Ratio Lower Upper
93 100
95 31.8 65.4 98.2#
174 0.0 67.9 101.9#

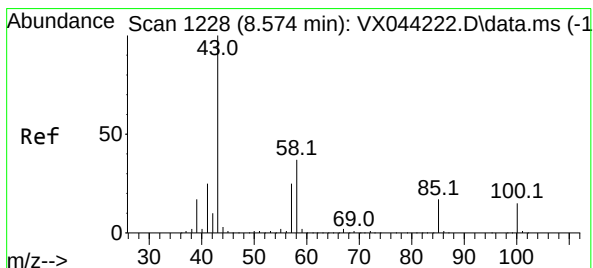
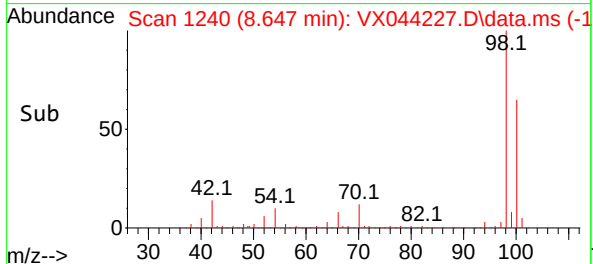
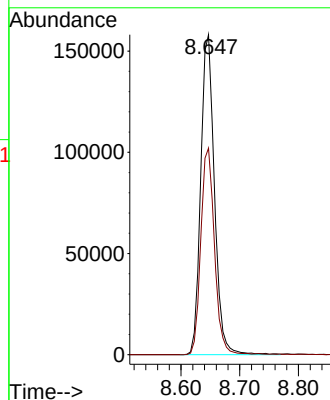
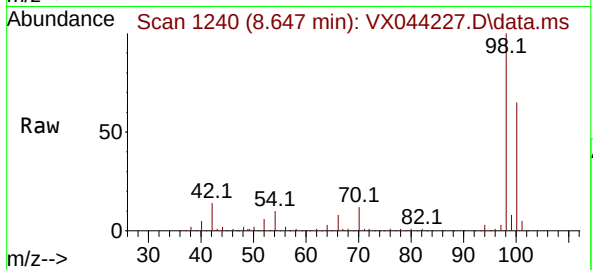




#50
Toluene-d8
Concen: 52.242 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

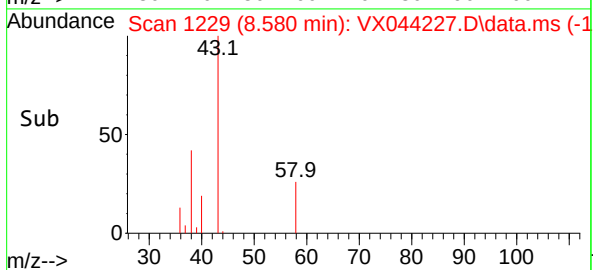
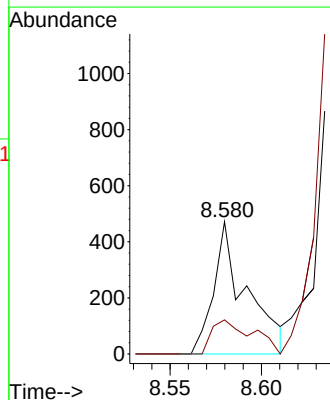
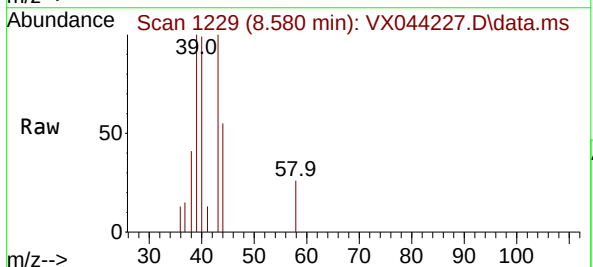
Instrument :
MSVOA_X
ClientSampleId :
VX1211MBL01

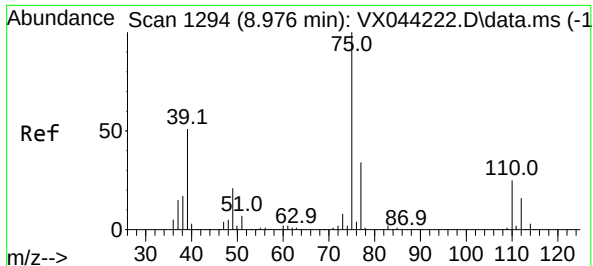
Tgt Ion: 98 Resp: 256581
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.252 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

Tgt Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
58 32.1 29.4 44.0





#53

t-1,3-Dichloropropene

Concen: 1.235 ug/l

RT: 9.000 min Scan# 1195

Delta R.T. 0.024 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

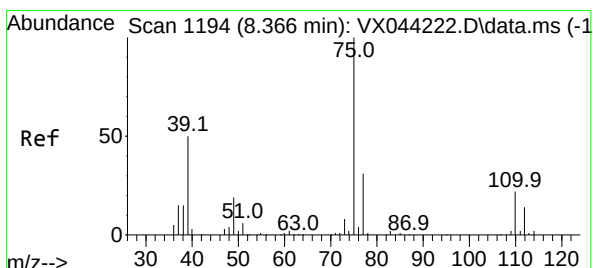
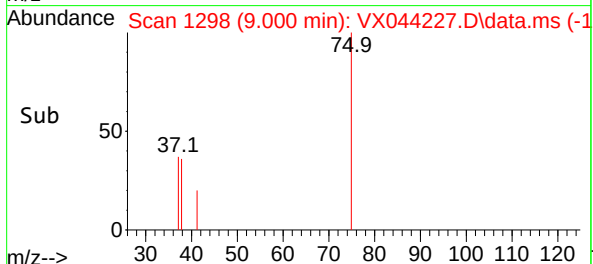
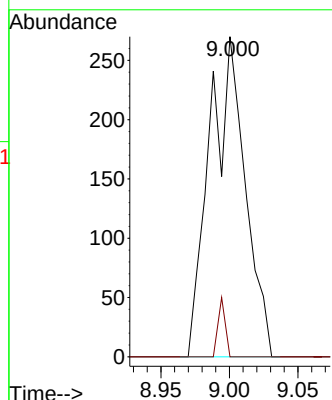
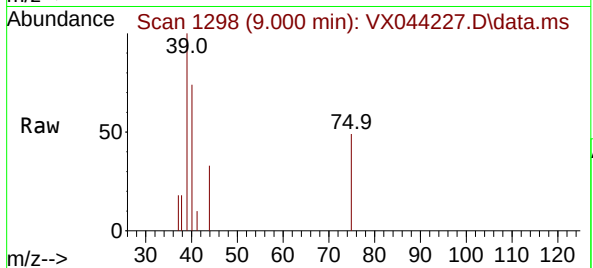
VX1211MBL01

Tgt Ion: 75 Resp: 487

Ion Ratio Lower Upper

75 100

77 0.0 27.2 40.8#



#54

cis-1,3-Dichloropropene

Concen: 0.235 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

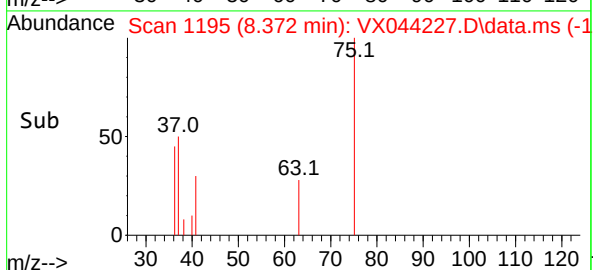
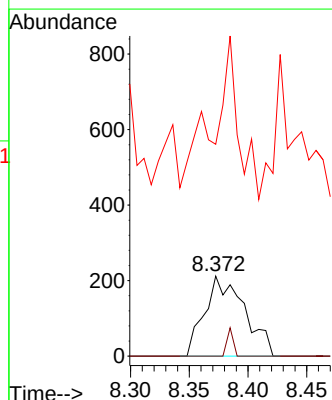
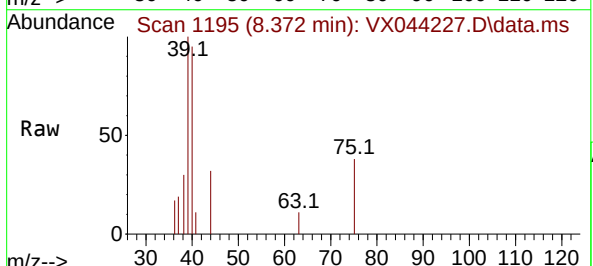
Tgt Ion: 75 Resp: 500

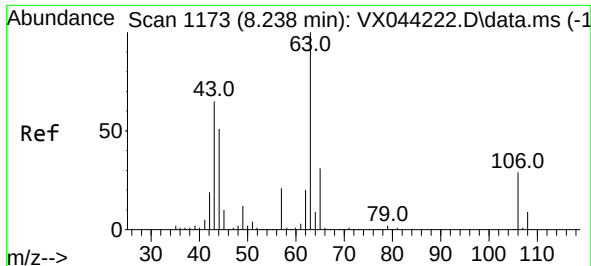
Ion Ratio Lower Upper

75 100

77 0.0 24.7 37.1#

39 54.2 40.3 60.5

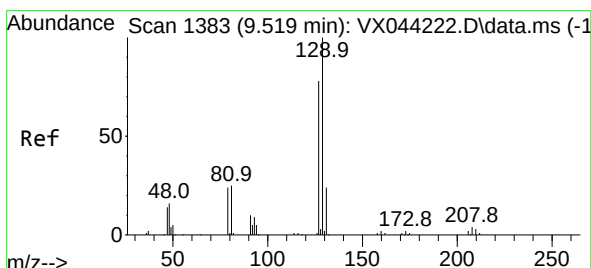
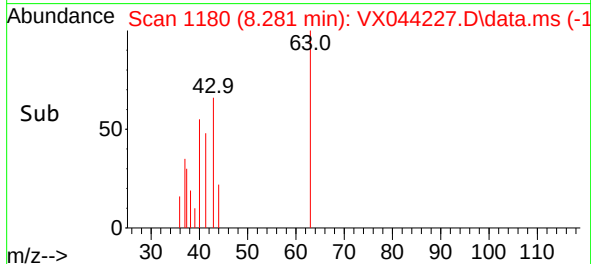
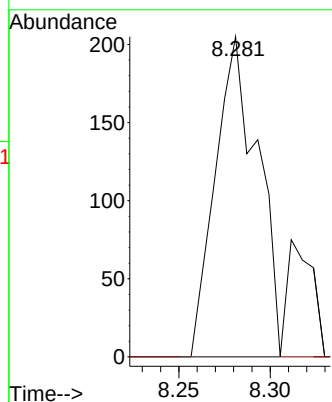
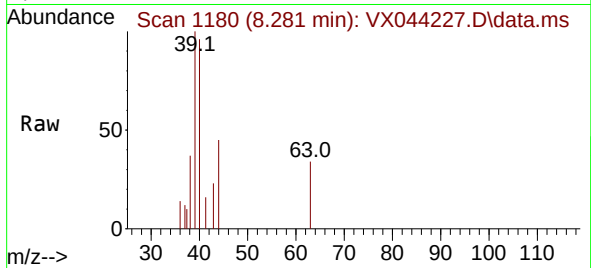




#58
2-Chloroethyl Vinyl ether
Concen: 0.291 ug/l
RT: 8.281 min Scan# 1173
Delta R.T. 0.043 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

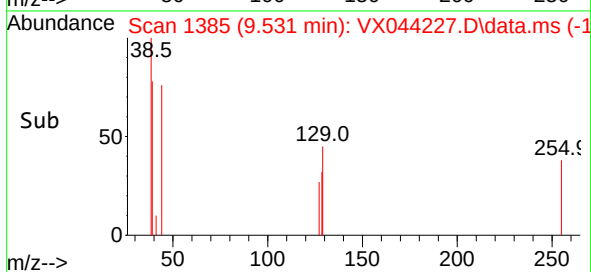
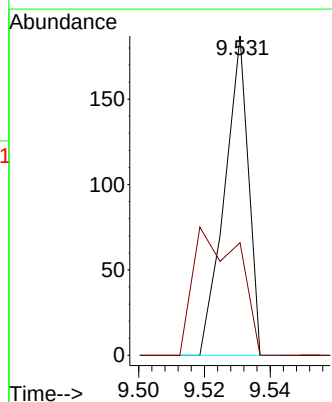
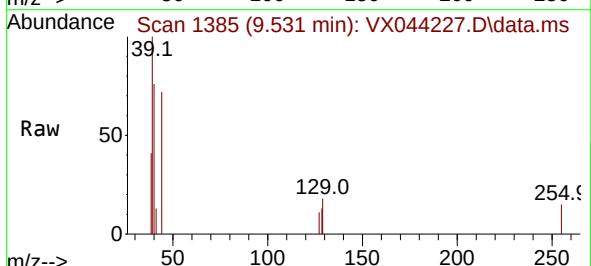
Instrument :
MSVOA_X
ClientSampleId :
VX1211MBL01

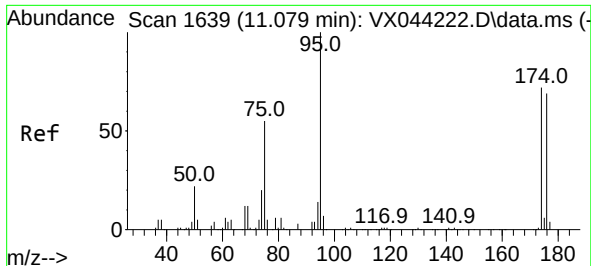
Tgt Ion: 63 Resp: 330
Ion Ratio Lower Upper
63 100
106 0.0 22.8 34.2#



#60
Dibromochloromethane
Concen: 1.295 ug/l
RT: 9.531 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

Tgt Ion: 129 Resp: 94
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3





#62

4-Bromofluorobenzene

Concen: 50.378 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX1211MBL01

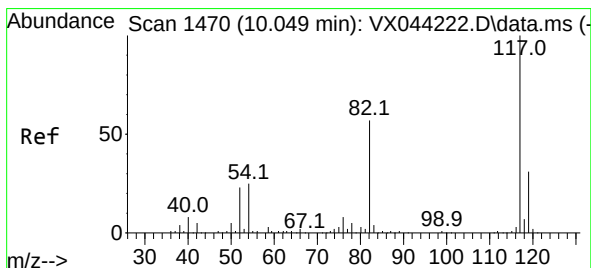
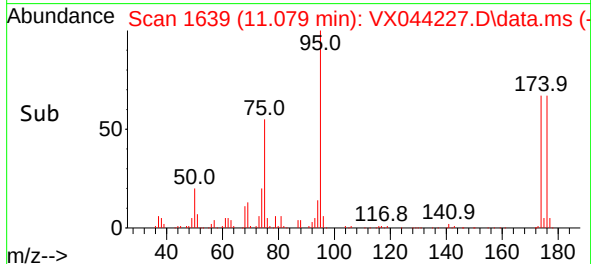
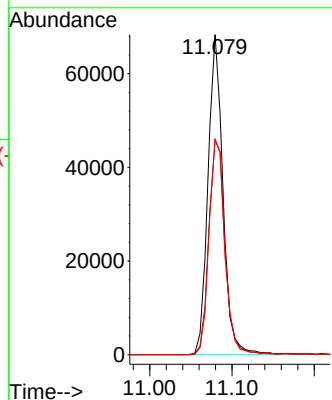
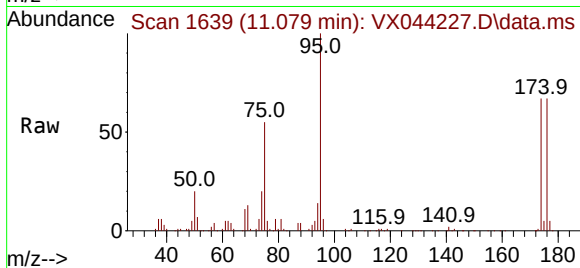
Tgt Ion: 95 Resp: 86457

Ion Ratio Lower Upper

95 100

174 72.7 0.0 145.8

176 70.9 0.0 137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

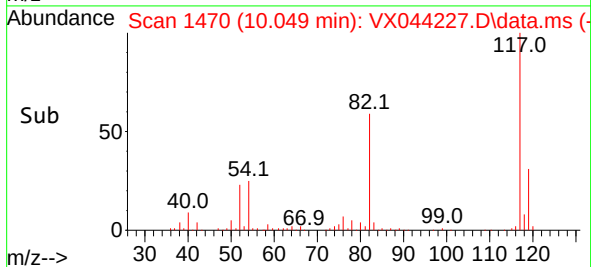
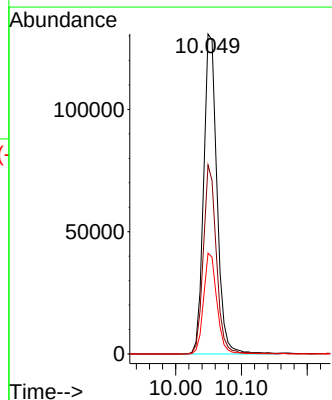
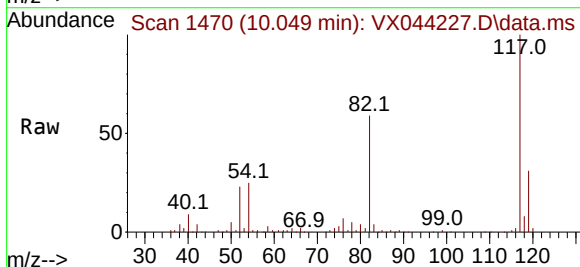
Tgt Ion: 117 Resp: 185014

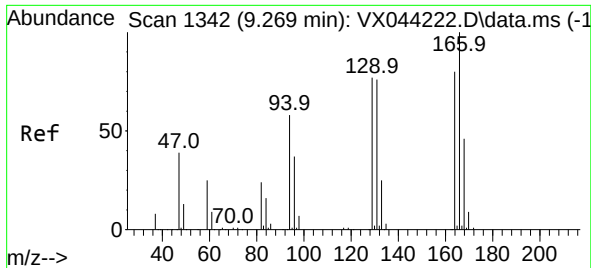
Ion Ratio Lower Upper

117 100

82 59.1 45.8 68.8

119 31.5 25.0 37.4





#64

Tetrachloroethene

Concen: 0.368 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX1211MBL01

Tgt Ion:164 Resp: 452

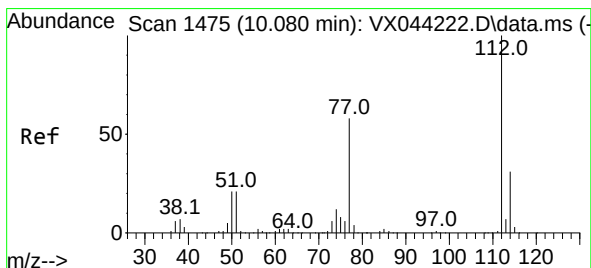
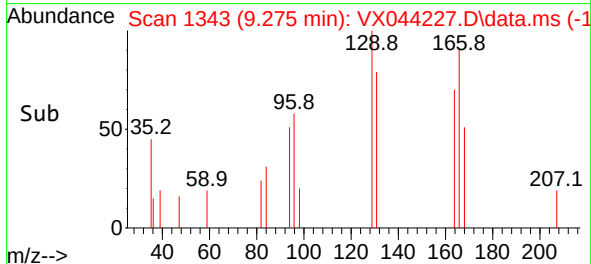
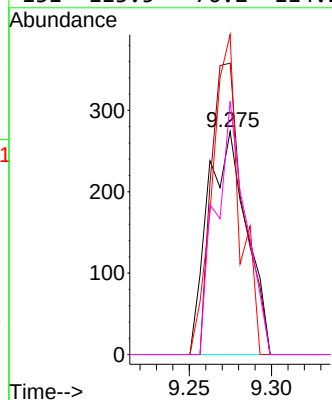
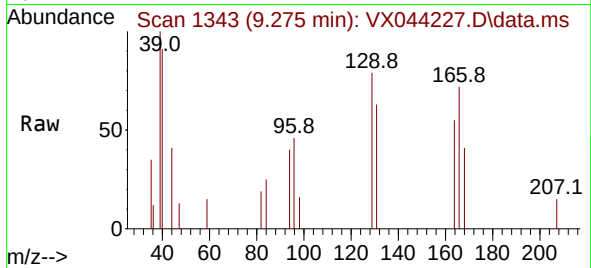
Ion Ratio Lower Upper

164 100

166 130.7 100.4 150.6

129 143.4 77.2 115.8#

131 113.5 76.2 114.2



#65

Chlorobenzene

Concen: 0.277 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044227.D

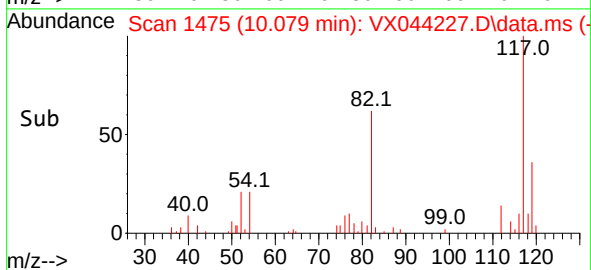
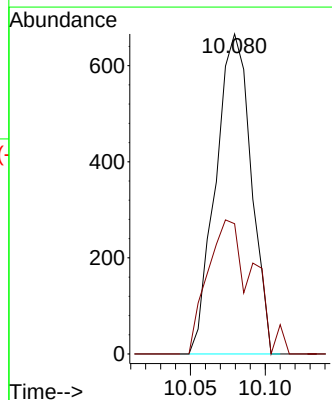
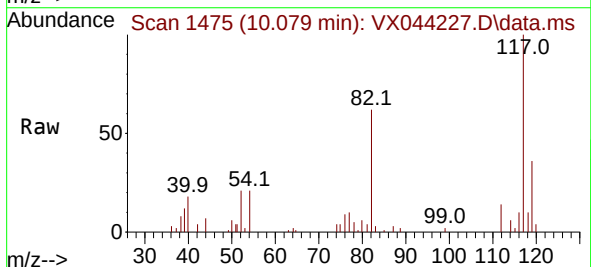
Acq: 11 Dec 2024 14:28

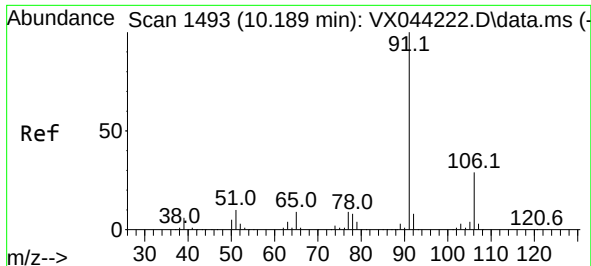
Tgt Ion:112 Resp: 1098

Ion Ratio Lower Upper

112 100

114 40.7 25.0 37.6#





#67

Ethyl Benzene

Concen: 0.217 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

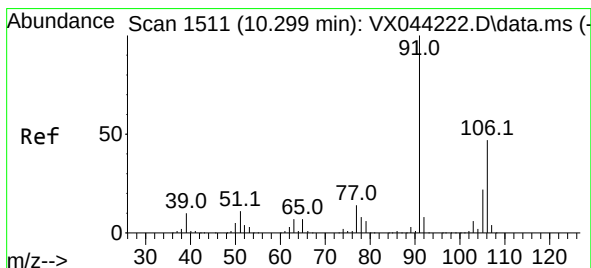
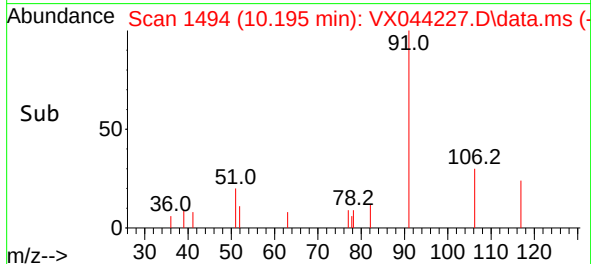
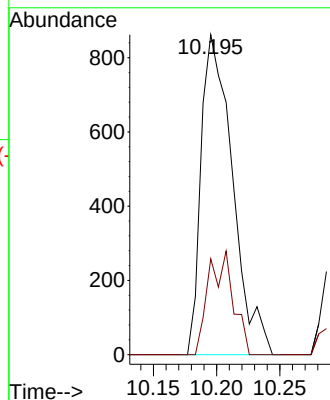
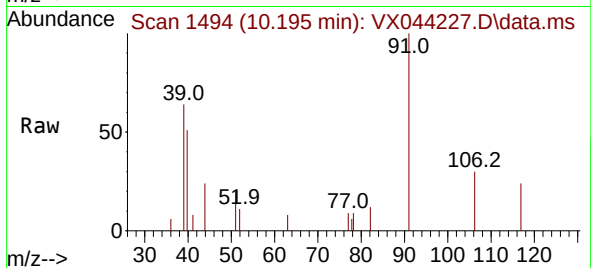
VX1211MBL01

Tgt Ion: 91 Resp: 1489

Ion Ratio Lower Upper

91 100

106 29.9 23.5 35.3



#68

m/p-Xylenes

Concen: 0.452 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.012 min

Lab File: VX044227.D

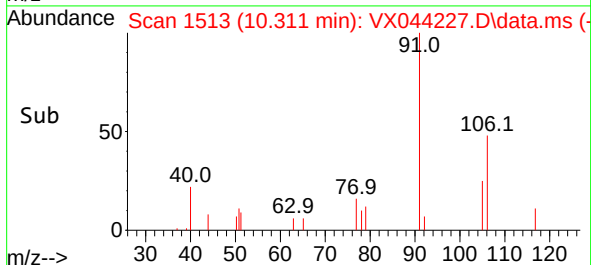
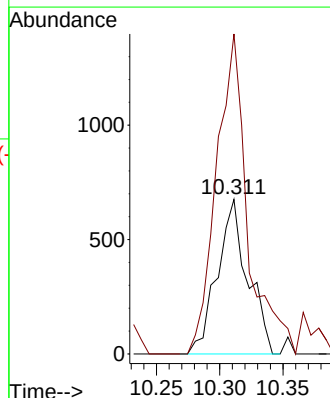
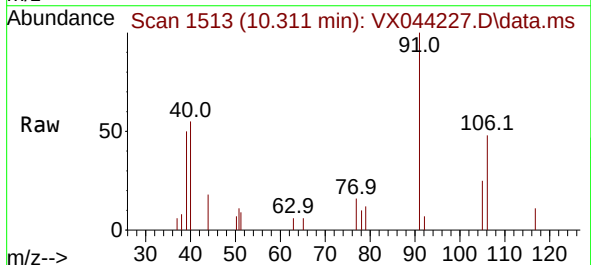
Acq: 11 Dec 2024 14:28

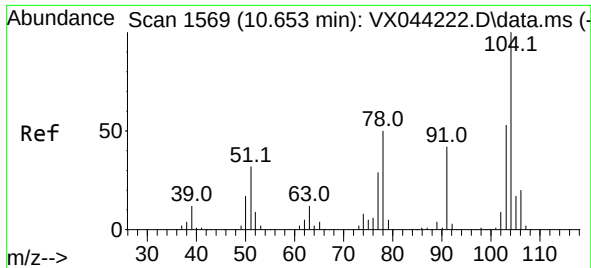
Tgt Ion: 106 Resp: 1135

Ion Ratio Lower Upper

106 100

91 211.7 170.2 255.2

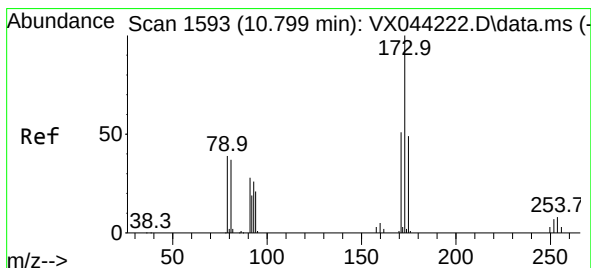
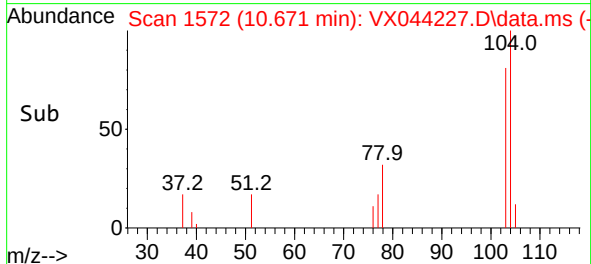
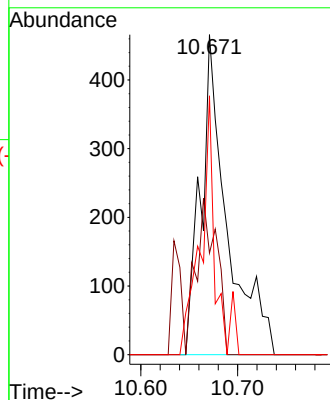
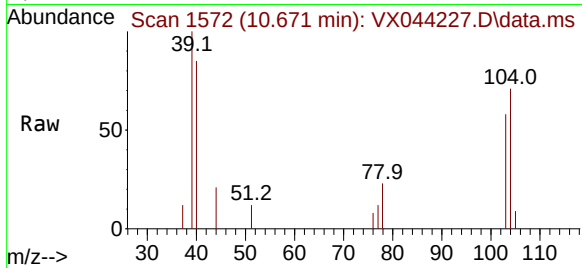




#70
Styrene
Concen: 0.216 ug/l
RT: 10.671 min Scan# 1572
Delta R.T. 0.018 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

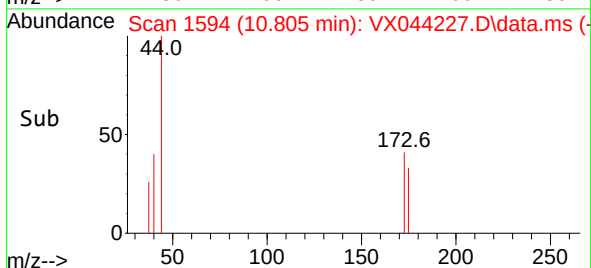
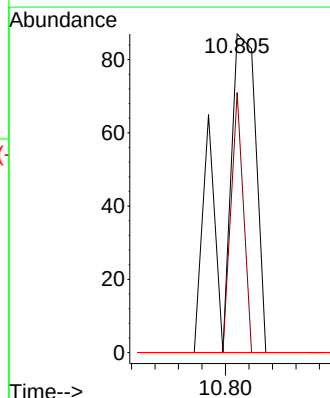
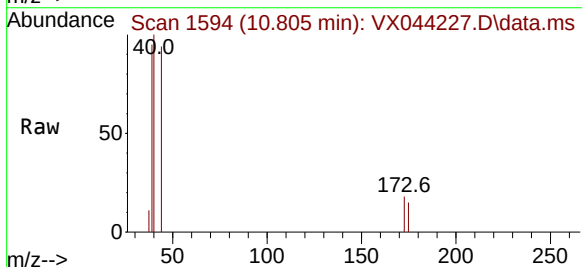
Instrument :
MSVOA_X
ClientSampleId :
VX1211MBL01

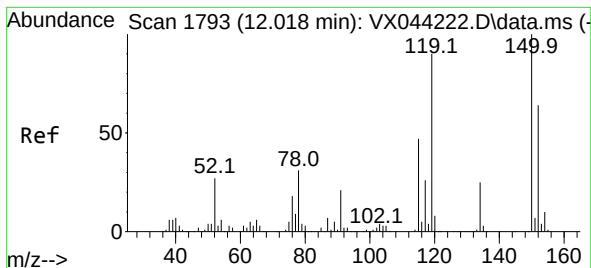
Tgt Ion:104 Resp: 879
Ion Ratio Lower Upper
104 100
78 38.5 44.6 67.0#
103 45.2 45.4 68.0#



#71
Bromoform
Concen: 1.335 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

Tgt Ion:173 Resp: 86
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX1211MBL01

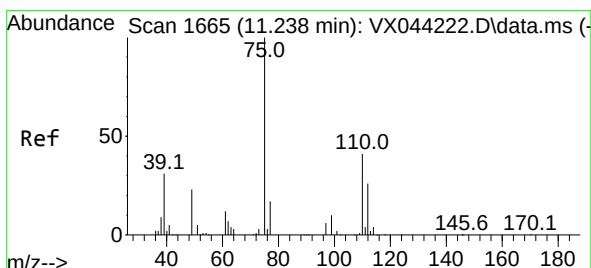
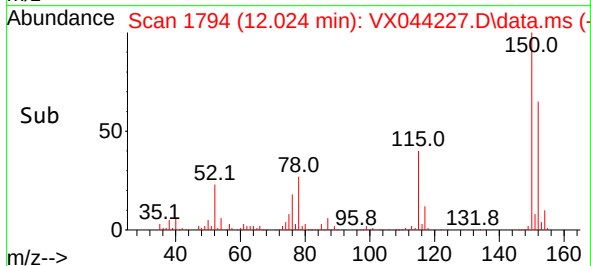
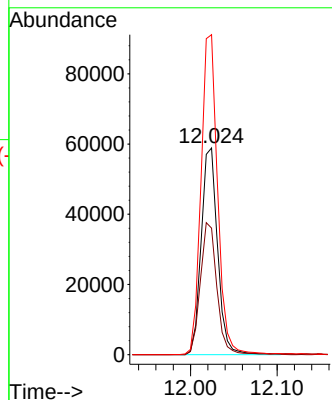
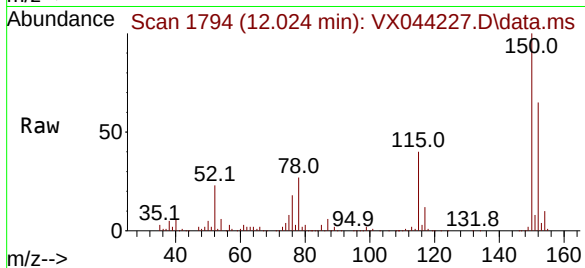
Tgt Ion:152 Resp: 77639

Ion Ratio Lower Upper

152 100

115 64.4 44.5 133.3

150 156.3 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 28.451 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044227.D

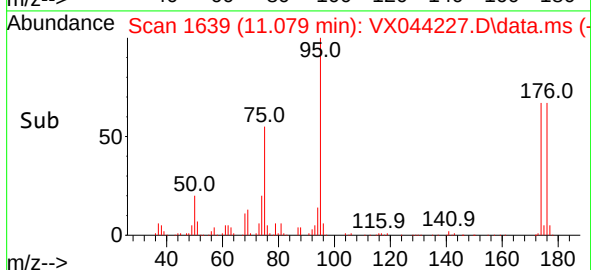
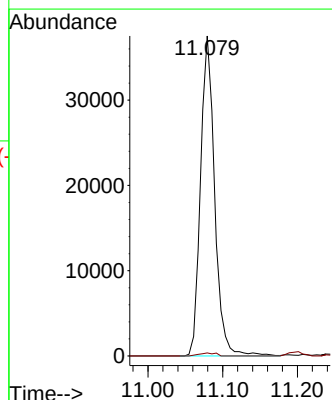
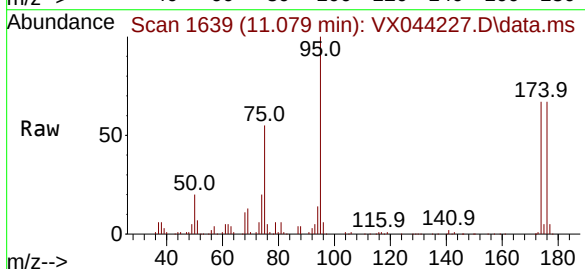
Acq: 11 Dec 2024 14:28

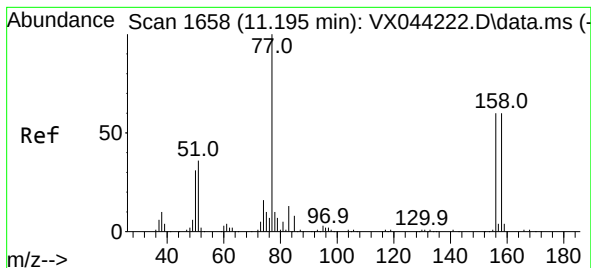
Tgt Ion: 75 Resp: 49320

Ion Ratio Lower Upper

75 100

77 1.1 20.9 62.7#





#77

Bromobenzene

Concen: 0.270 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.012 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX1211MBL01

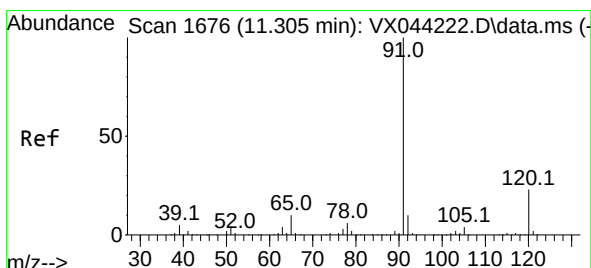
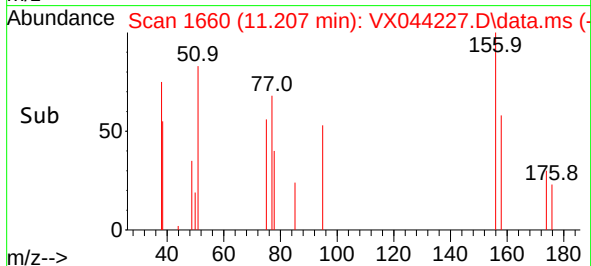
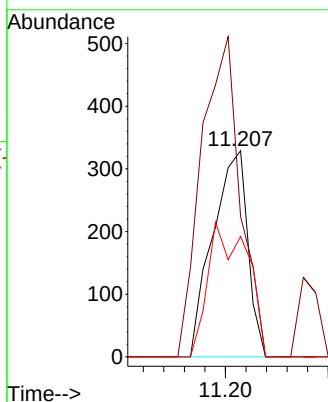
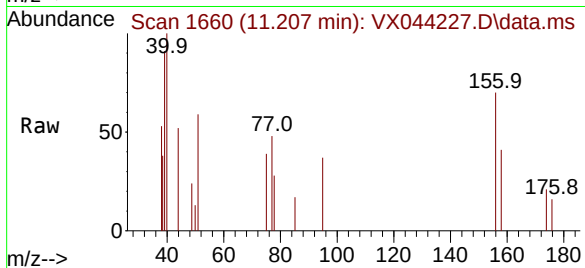
Tgt Ion:156 Resp: 389

Ion Ratio Lower Upper

156 100

77 172.0 82.6 247.8

158 73.3 48.8 146.4



#78

n-propylbenzene

Concen: 0.244 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX044227.D

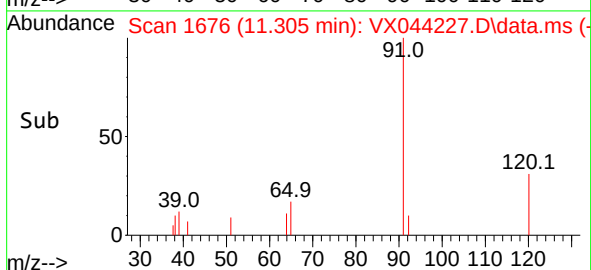
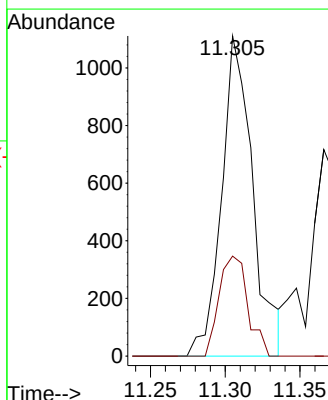
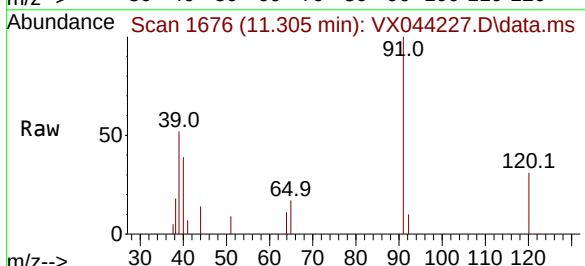
Acq: 11 Dec 2024 14:28

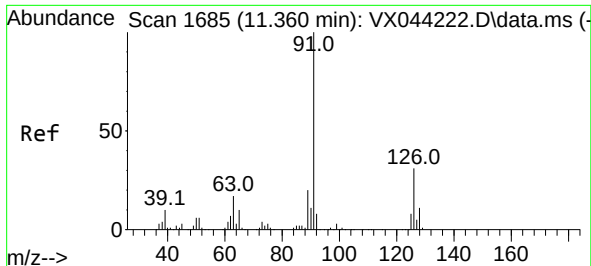
Tgt Ion: 91 Resp: 1603

Ion Ratio Lower Upper

91 100

120 28.9 11.0 33.0





#79

2-Chlorotoluene

Concen: 0.310 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

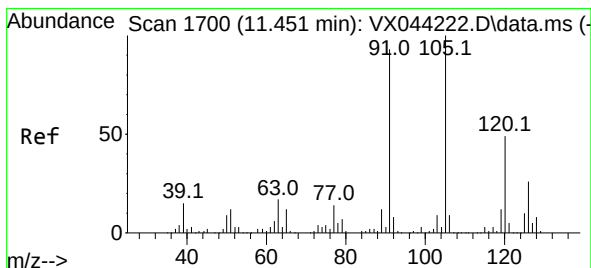
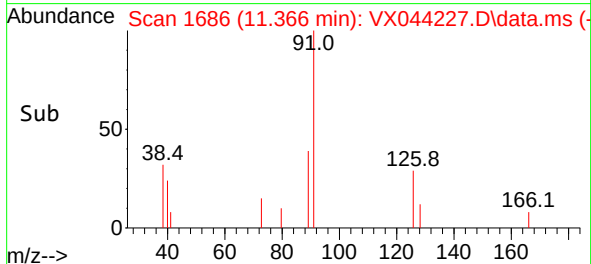
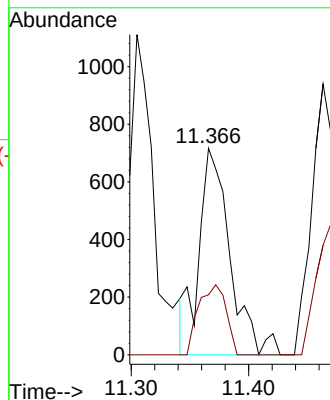
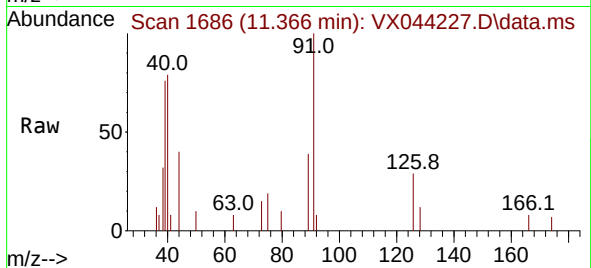
VX1211MBL01

Tgt Ion: 91 Resp: 1319

Ion Ratio Lower Upper

91 100

126 29.9 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 0.221 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044227.D

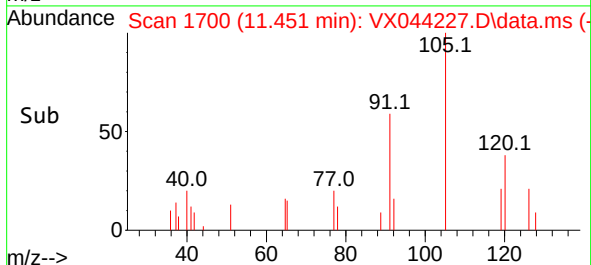
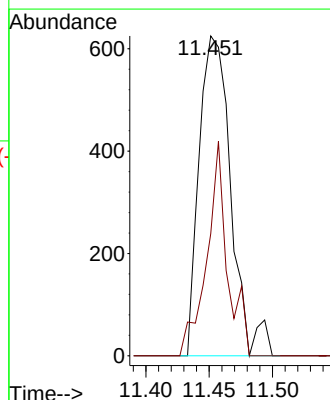
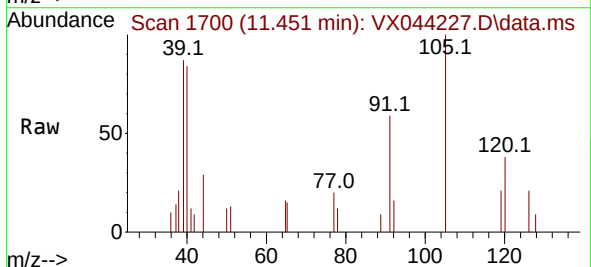
Acq: 11 Dec 2024 14:28

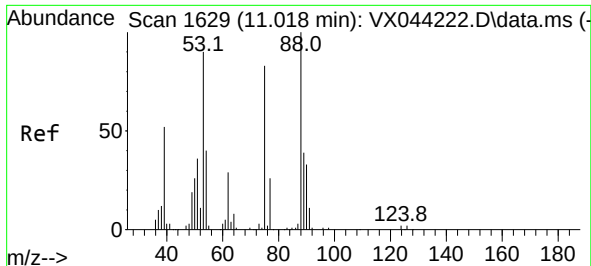
Tgt Ion: 105 Resp: 1090

Ion Ratio Lower Upper

105 100

120 43.7 23.8 71.4

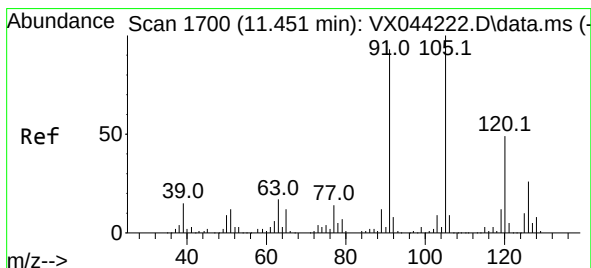
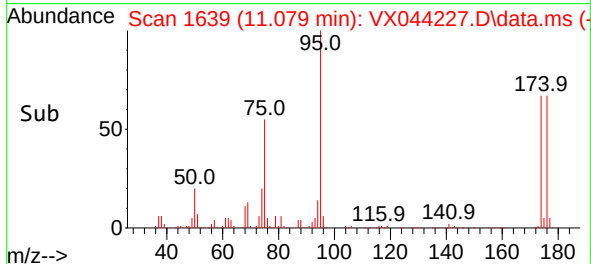
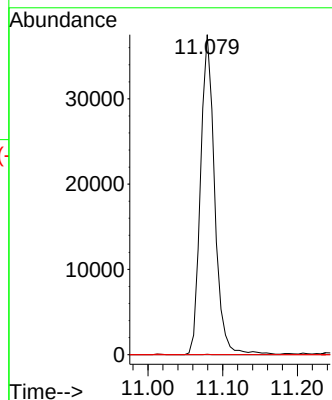
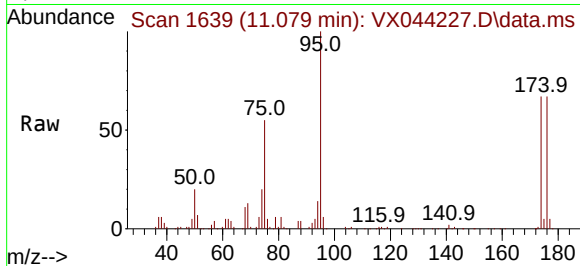




#81
trans-1,4-Dichloro-2-butene
Concen: 78.010 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

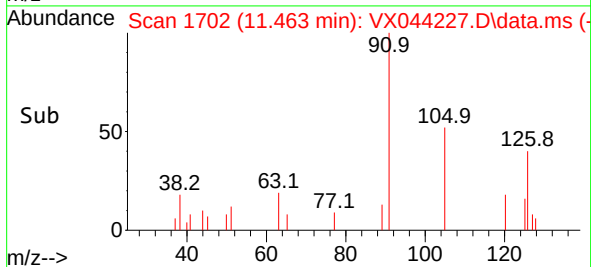
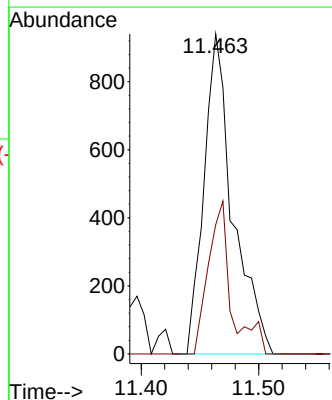
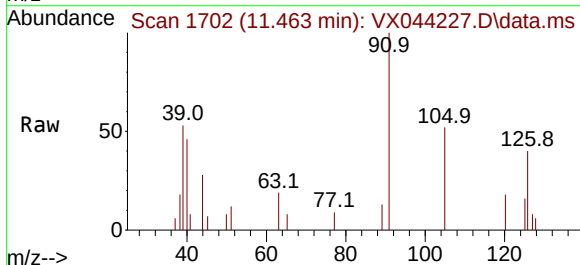
Instrument :
MSVOA_X
ClientSampleId :
VX1211MBL01

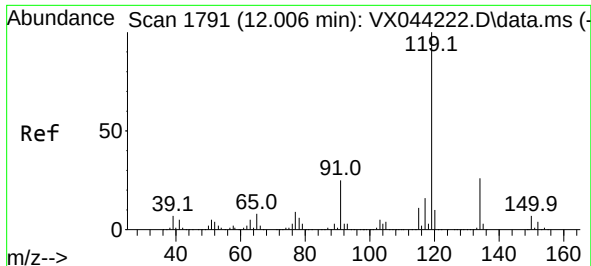
Tgt Ion: 75 Resp: 49320
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#



#82
4-Chlorotoluene
Concen: 0.342 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

Tgt Ion: 91 Resp: 1611
Ion Ratio Lower Upper
91 100
126 37.6 14.5 43.5

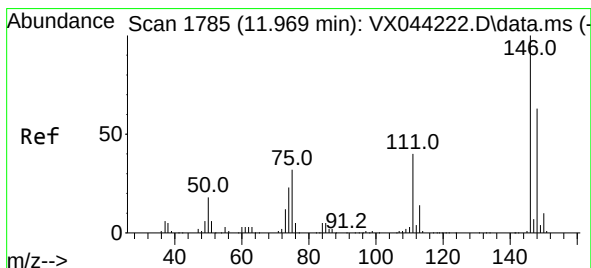
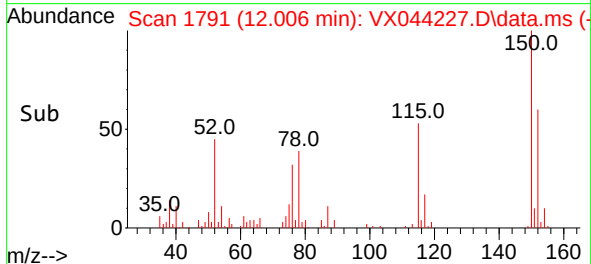
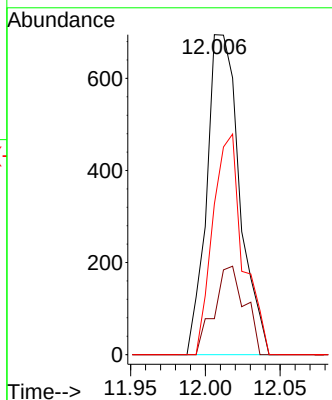
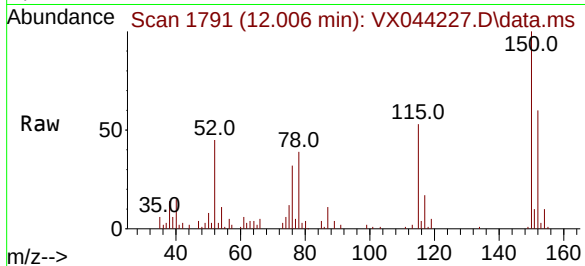




#86
p-Isopropyltoluene
Concen: 0.216 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

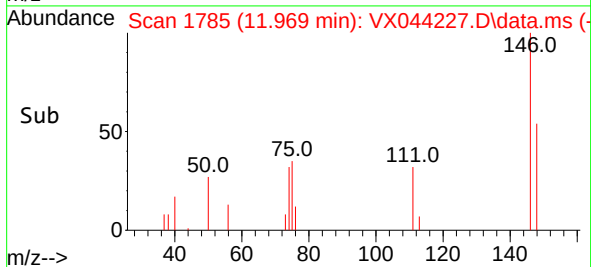
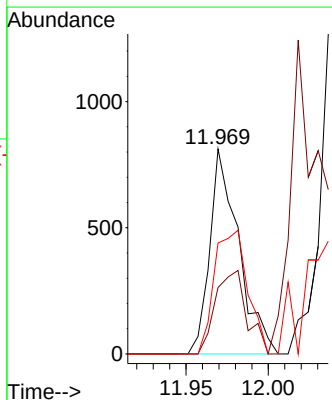
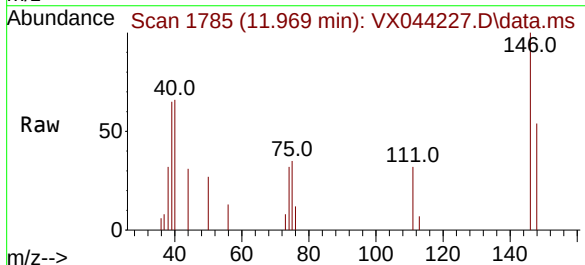
Instrument :
MSVOA_X
ClientSampleId :
VX1211MBL01

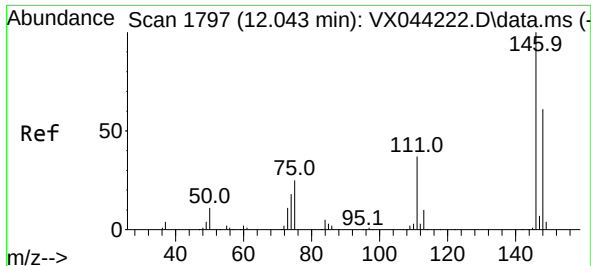
Tgt Ion:119 Resp: 1065
Ion Ratio Lower Upper
119 100
134 25.7 12.8 38.4
91 63.1 13.0 39.0#



#87
1,3-Dichlorobenzene
Concen: 0.393 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

Tgt Ion:146 Resp: 990
Ion Ratio Lower Upper
146 100
111 44.1 21.4 64.2
148 69.8 31.7 95.1

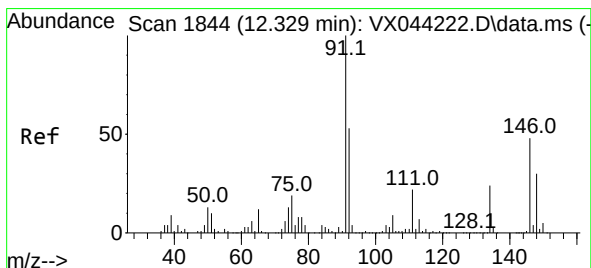
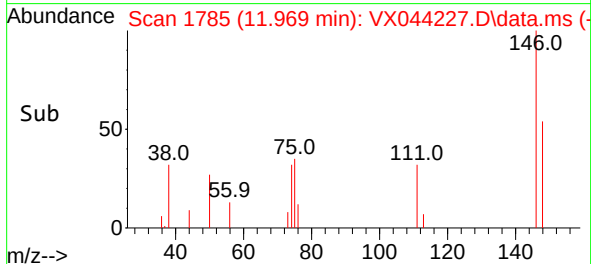
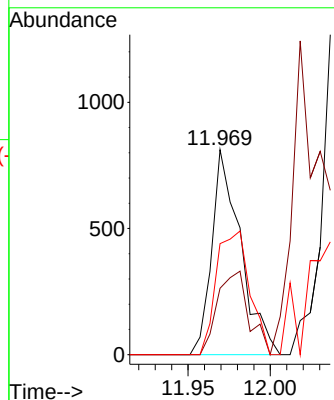
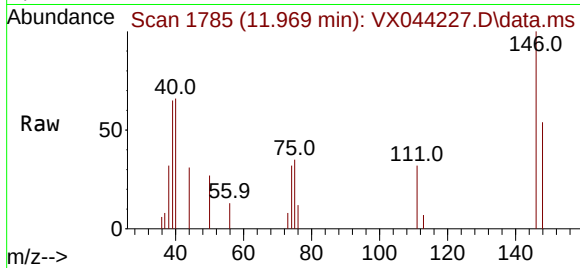




#88
 1,4-Dichlorobenzene
 Concen: 0.383 ug/l
 RT: 11.969 min Scan# 11
 Delta R.T. -0.073 min
 Lab File: VX044227.D
 Acq: 11 Dec 2024 14:28

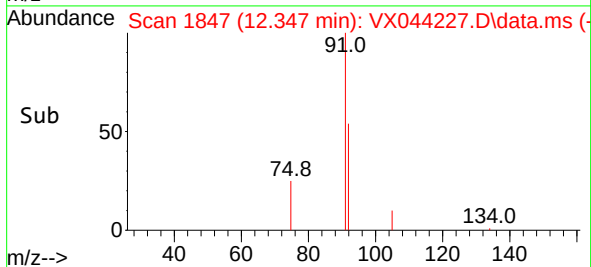
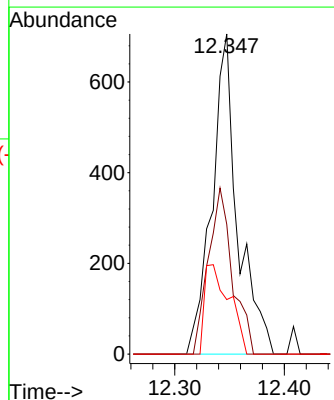
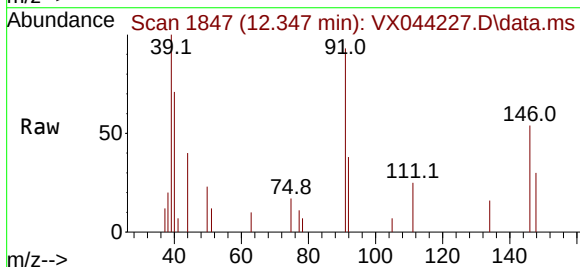
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211MBL01

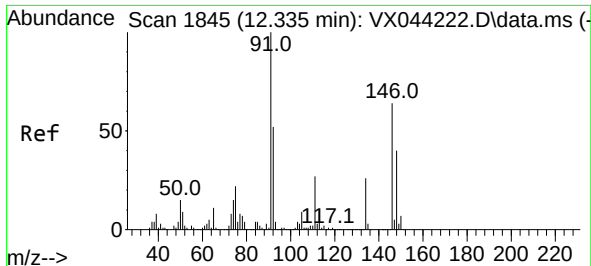
Tgt Ion:146 Resp: 990
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.0 63.0
 148 69.8 32.3 96.8



#89
 n-Butylbenzene
 Concen: 0.278 ug/l
 RT: 12.347 min Scan# 1847
 Delta R.T. 0.018 min
 Lab File: VX044227.D
 Acq: 11 Dec 2024 14:28

Tgt Ion: 91 Resp: 1151
 Ion Ratio Lower Upper
 91 100
 92 48.7 26.6 79.7
 134 26.8 12.6 37.8

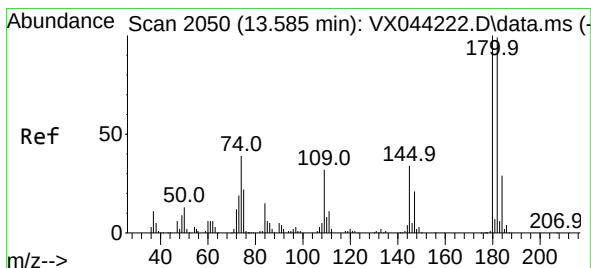
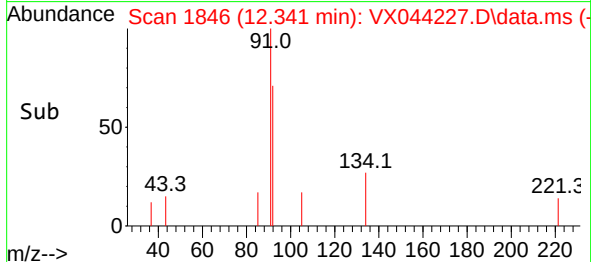
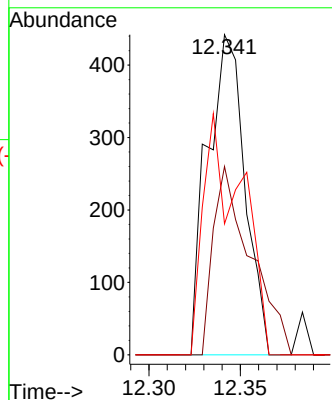
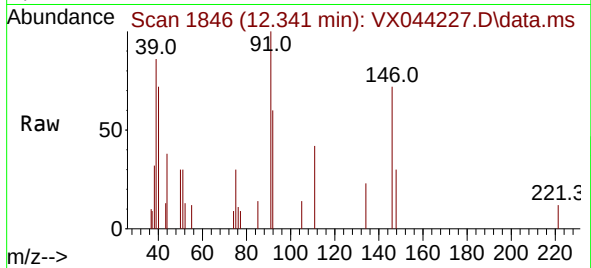




#91
1,2-Dichlorobenzene
Concen: 0.242 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

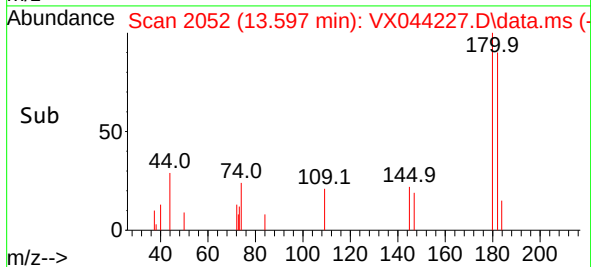
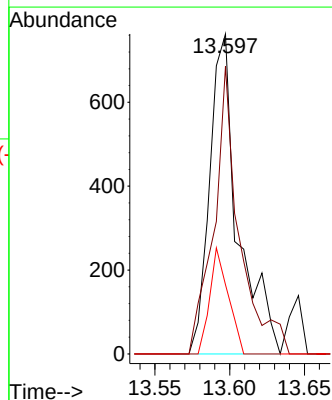
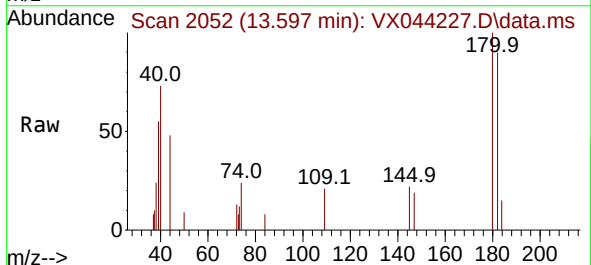
Instrument :
MSVOA_X
ClientSampleId :
VX1211MBL01

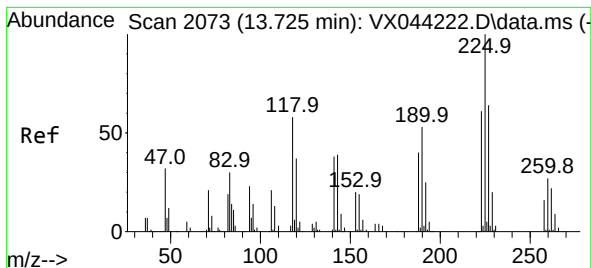
Tgt Ion:146 Resp: 633
Ion Ratio Lower Upper
146 100
111 58.8 21.4 64.3
148 76.9 31.6 95.0



#93
1,2,4-Trichlorobenzene
Concen: 0.705 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX044227.D
Acq: 11 Dec 2024 14:28

Tgt Ion:180 Resp: 1010
Ion Ratio Lower Upper
180 100
182 81.0 48.0 144.2
145 21.5 16.6 49.7





#94

Hexachlorobutadiene

Concen: 0.316 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX1211MBL01

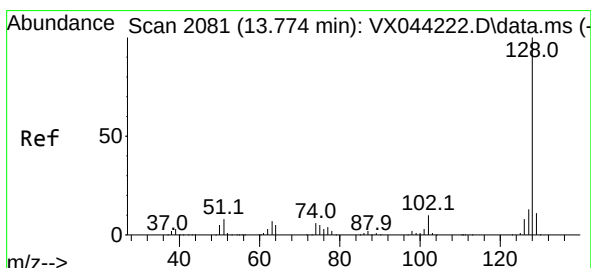
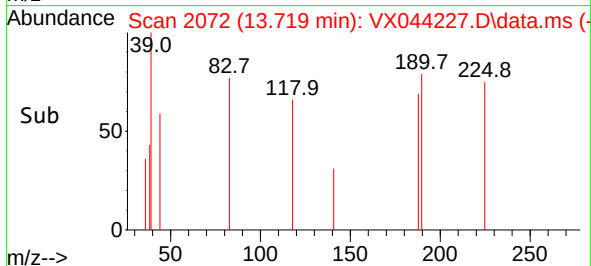
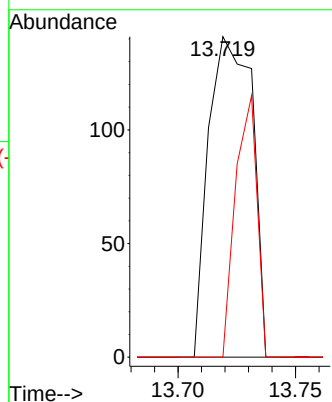
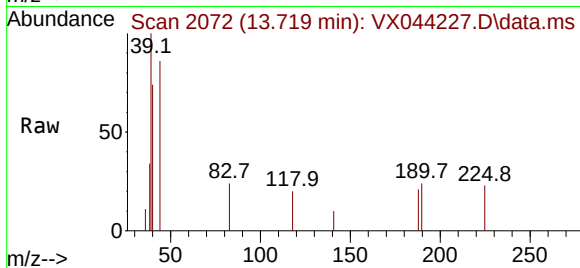
Tgt Ion:225 Resp: 182

Ion Ratio Lower Upper

225 100

223 0.0 30.8 92.4#

227 40.1 32.1 96.3



#95

Naphthalene

Concen: 0.748 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044227.D

Acq: 11 Dec 2024 14:28

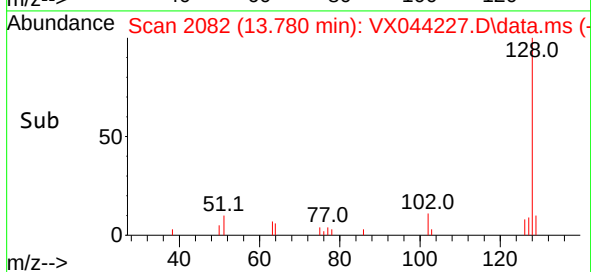
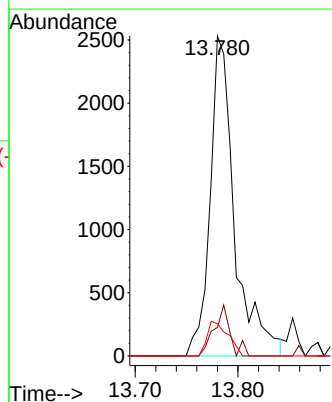
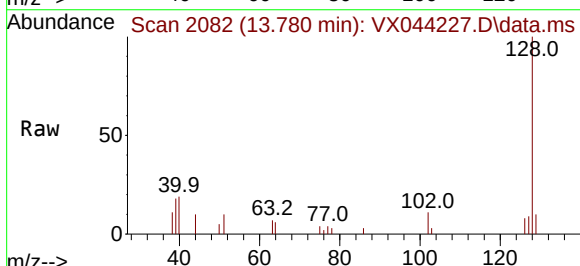
Tgt Ion:128 Resp: 4183

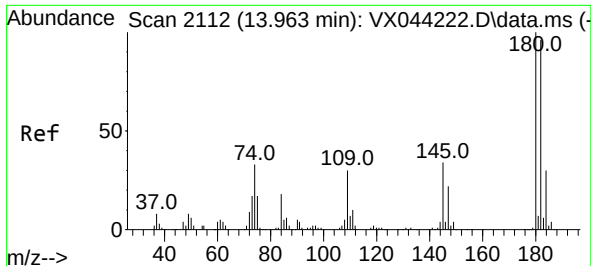
Ion Ratio Lower Upper

128 100

127 10.4 10.5 15.7#

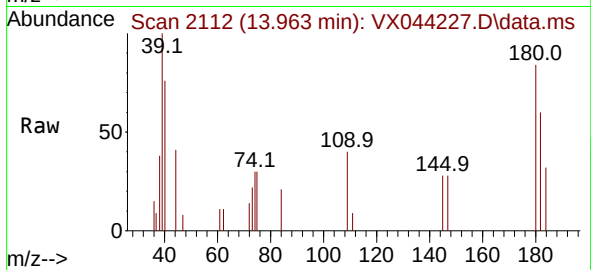
129 9.2 9.0 13.4





#96
 1,2,3-Trichlorobenzene
 Concen: 0.585 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX044227.D
 Acq: 11 Dec 2024 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211MBL01



Tgt Ion:180 Resp: 890
 Ion Ratio Lower Upper
 180 100
 182 77.2 48.0 144.0
 145 21.3 17.7 53.1

