

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051822\
 Data File : VX028808.D
 Acq On : 18 May 2022 16:05
 Operator : JC/MD
 Sample : N2813-01ME
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

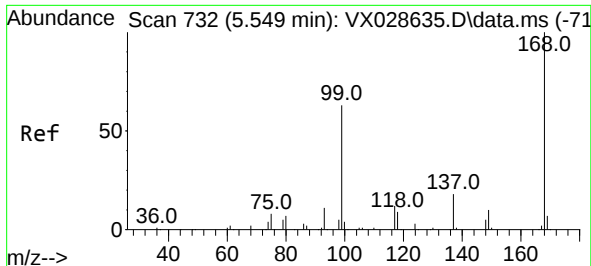
Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1103ME

Quant Time: May 19 01:35:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	264427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	448531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	436520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169722	46.824	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.640%		
35) Dibromofluoromethane	5.391	113	132203	44.987	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.980%		
50) Toluene-d8	8.653	98	520402	46.970	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.940%		
62) 4-Bromofluorobenzene	11.085	95	173357	41.891	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	83.780%		
Target Compounds					Qvalue	
5) Bromomethane	1.599	94	1360	Below Cal	#	81
6) Chloroethane	1.721	64	109	Below Cal	#	43
10) Methyl Iodide	2.440	142	1426	0.404 ug/l	#	89
11) Tert butyl alcohol	2.940	59	4727	Below Cal	#	73
14) Allyl chloride	2.654	41	3270	0.745 ug/l	#	35
16) Acetone	2.422	43	129734	83.397 ug/l	#	93
18) Methyl Acetate	2.660	43	5197	1.334 ug/l	#	46
20) Methylene Chloride	2.782	84	1382	0.423 ug/l	#	93
25) 2-Butanone	4.611	43	24189	9.906 ug/l	#	89
29) Tetrahydrofuran	5.056	42	1269	0.800 ug/l	#	64
31) Cyclohexane	5.544	56	6212	1.235 ug/l	#	18
36) 1,1-Dichloropropene	5.544	75	21151	4.792 ug/l	#	50
37) Ethyl Acetate	4.611	43	24189	5.247 ug/l	#	66
38) Carbon Tetrachloride	5.544	117	27839	6.267 ug/l	#	15
41) Methacrylonitrile	5.068	41	1128	0.456 ug/l	#	36
43) Isopropyl Acetate	6.373	43	4558	0.632 ug/l	#	56
56) Ethyl methacrylate	9.147	69	1766	0.350 ug/l	#	44
76) 1,2,3-Trichloropropane	11.085	75	91861	24.551 ug/l	#	38
78) n-propylbenzene	11.305	91	2999	0.214 ug/l	#	97
80) 1,3,5-Trimethylbenzene	11.451	105	4864	0.482 ug/l	#	92
81) trans-1,4-Dichloro-2-b...	11.000	75	4994	7.544 ug/l	#	31
84) 1,2,4-Trimethylbenzene	11.756	105	9212	0.910 ug/l	#	97
89) n-Butylbenzene	12.335	91	4383	0.500 ug/l	#	54
90) Hexachloroethane	12.536	117	651	0.398 ug/l	#	10
93) 1,2,4-Trichlorobenzene	13.591	180	651	0.204 ug/l	#	68
94) Hexachlorobutadiene	13.725	225	537	0.414 ug/l	#	92
95) Naphthalene	13.780	128	8254	0.727 ug/l	#	98
96) 1,2,3-Trichlorobenzene	13.963	180	829	0.259 ug/l	#	89

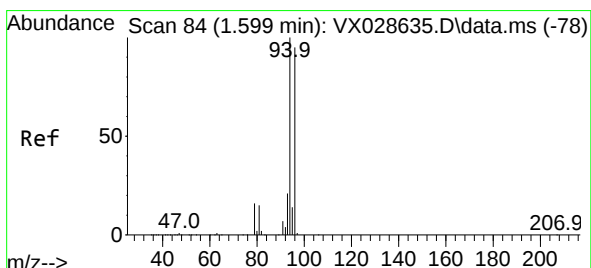
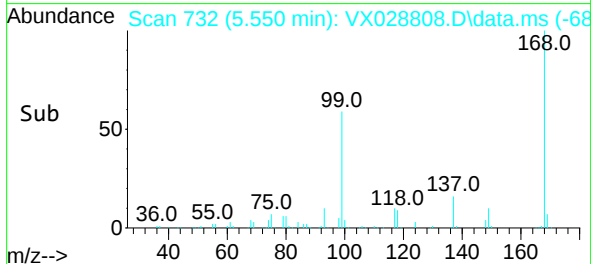
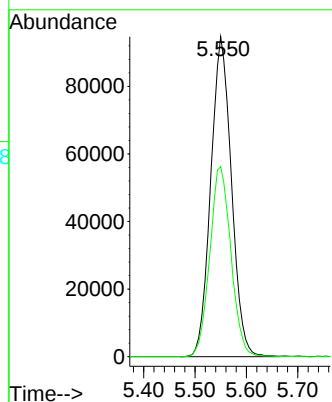
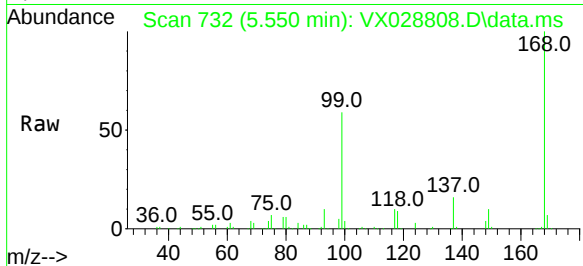
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

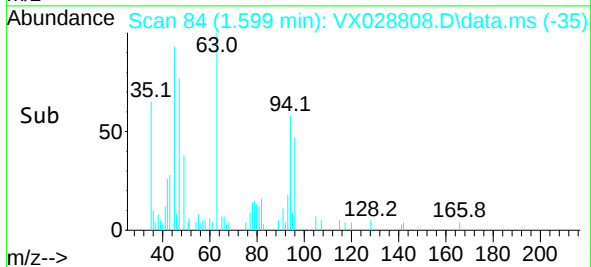
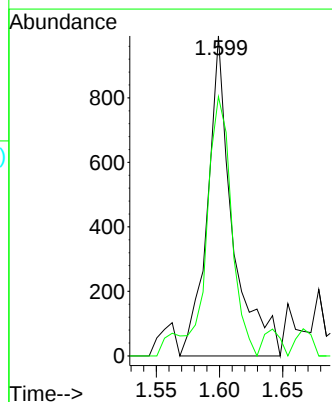
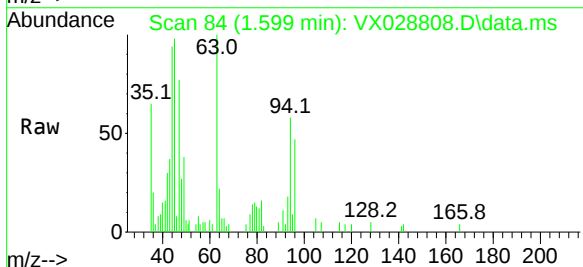
Instrument :
MSVOA_X
ClientSampleId :
BUR-1103ME

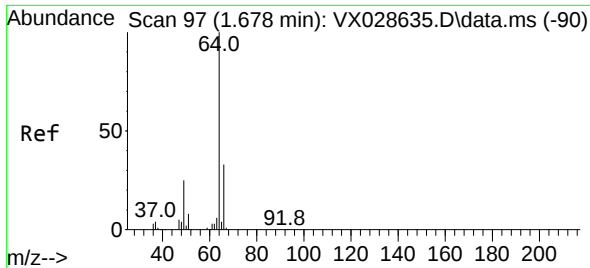
Tgt Ion:168 Resp: 264427
Ion Ratio Lower Upper
168 100
99 59.4 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

Tgt Ion: 94 Resp: 1360
Ion Ratio Lower Upper
94 100
96 75.5 75.3 112.9

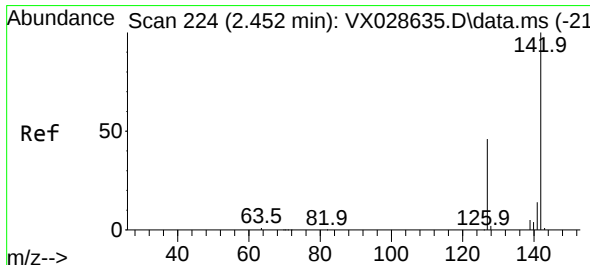
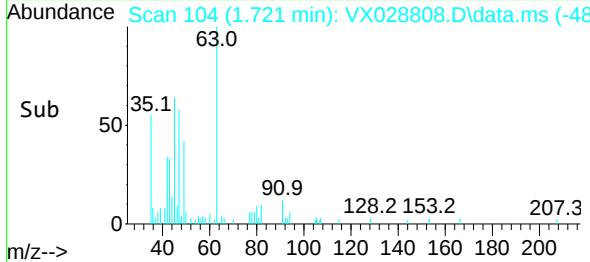
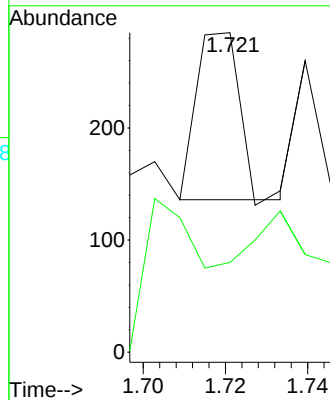
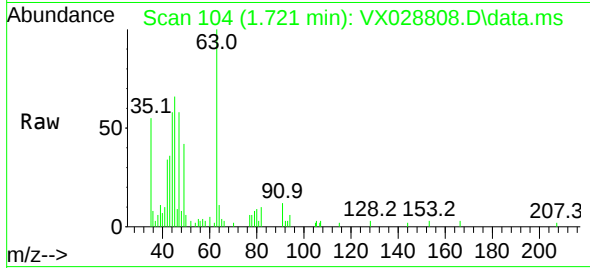




#6
Chloroethane
Concen: Below Cal
RT: 1.721 min Scan# 104
Delta R.T. 0.043 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

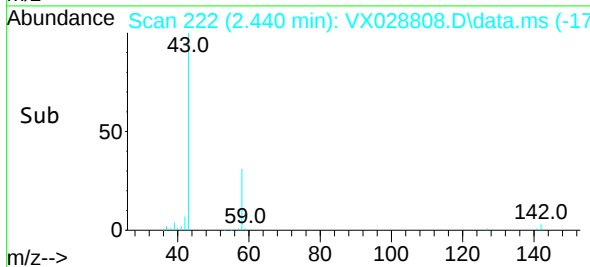
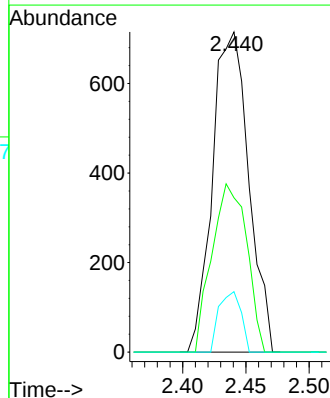
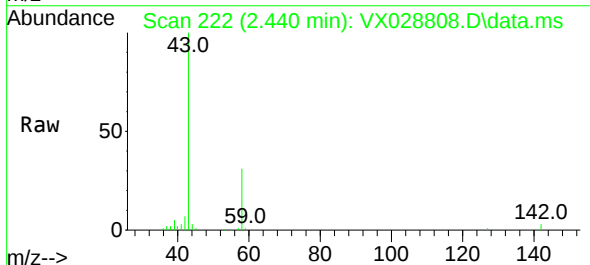
Instrument :
MSVOA_X
ClientSampleId :
BUR-1103ME

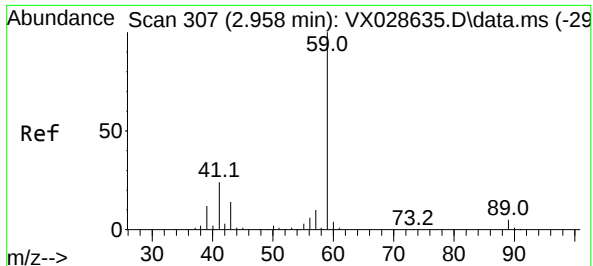
Tgt Ion: 64 Resp: 109
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.404 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.012 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

Tgt Ion: 142 Resp: 1426
Ion Ratio Lower Upper
142 100
127 50.5 33.9 50.9
141 11.4 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX028808.D

Acq: 18 May 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

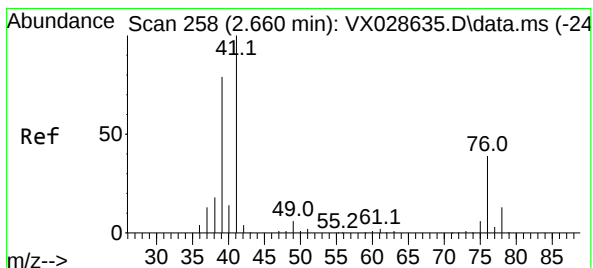
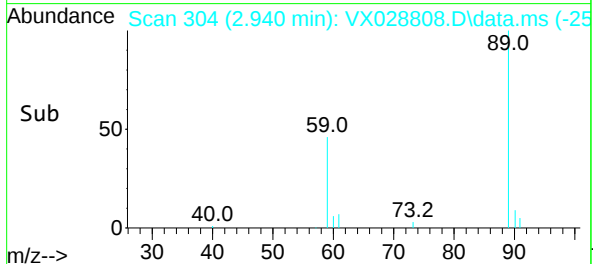
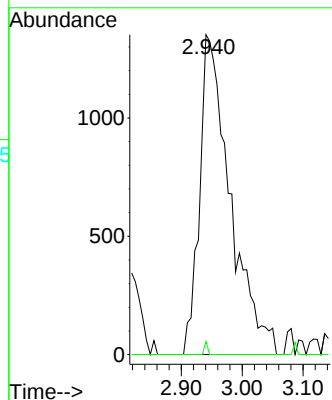
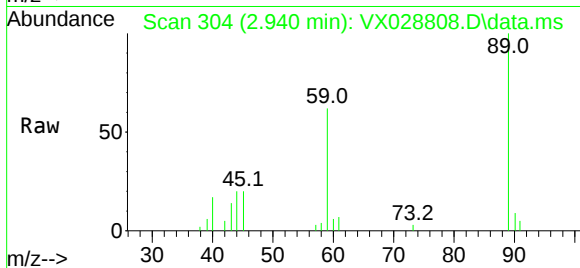
BUR-1103ME

Tgt Ion: 59 Resp: 4727

Ion Ratio Lower Upper

59 100

57 0.4 8.3 12.5#



#14

Allyl chloride

Concen: 0.745 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX028808.D

Acq: 18 May 2022 16:05

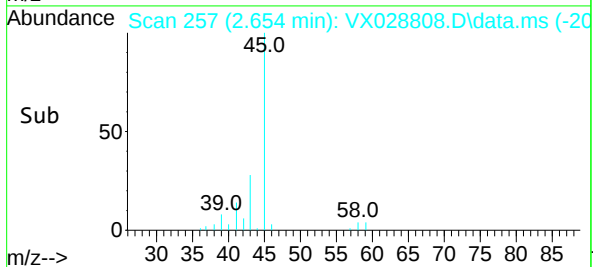
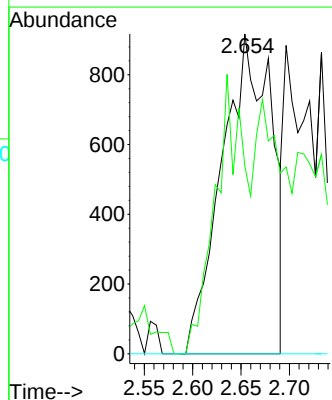
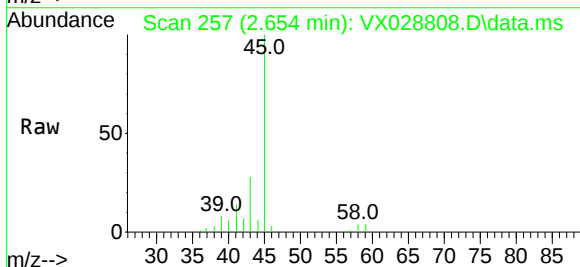
Tgt Ion: 41 Resp: 3270

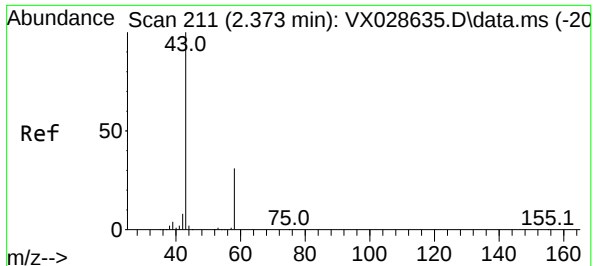
Ion Ratio Lower Upper

41 100

39 12.6 50.4 75.6#

76 0.0 32.7 49.1#

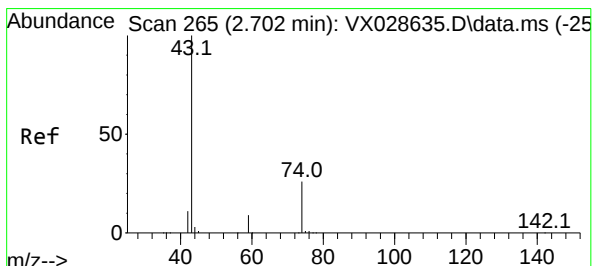
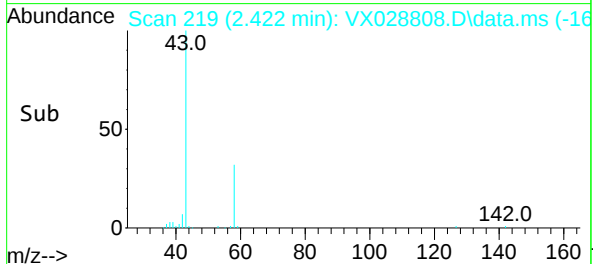
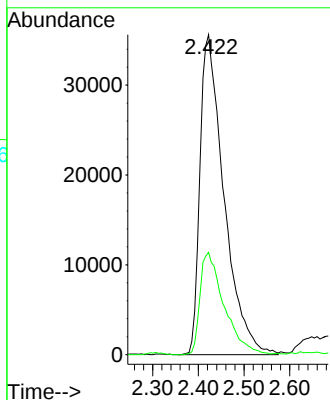
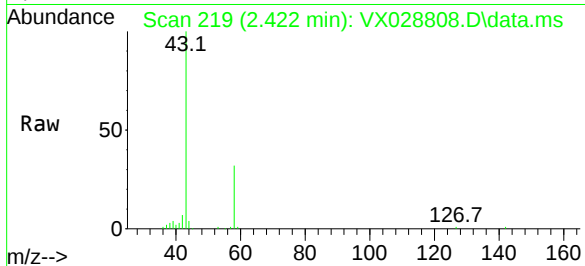




#16
Acetone
Concen: 83.397 ug/l
RT: 2.422 min Scan# 211
Delta R.T. 0.049 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

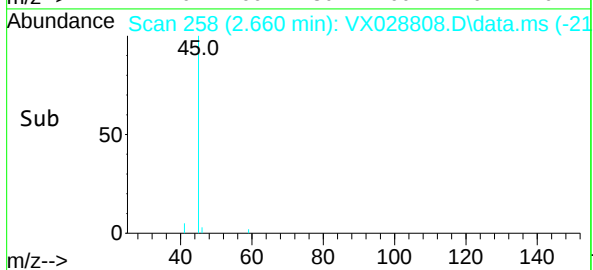
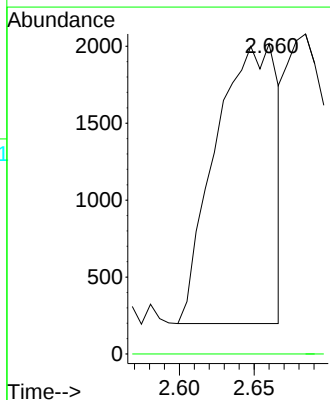
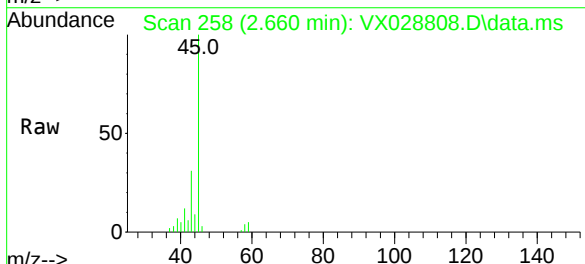
Instrument :
MSVOA_X
ClientSampleId :
BUR-1103ME

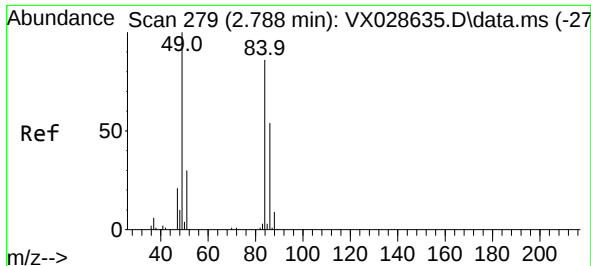
Tgt Ion: 43 Resp: 129734
Ion Ratio Lower Upper
43 100
58 32.0 28.8 43.2



#18
Methyl Acetate
Concen: 1.334 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.042 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

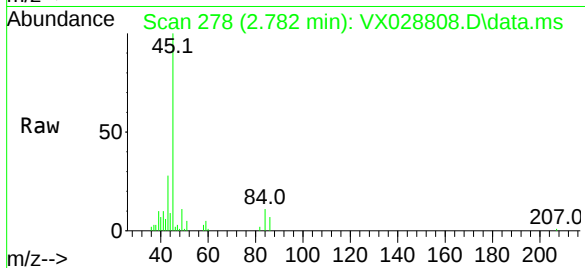
Tgt Ion: 43 Resp: 5197
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



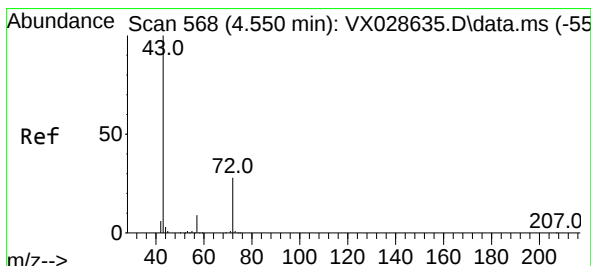
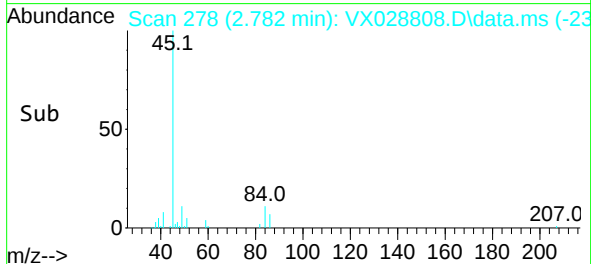
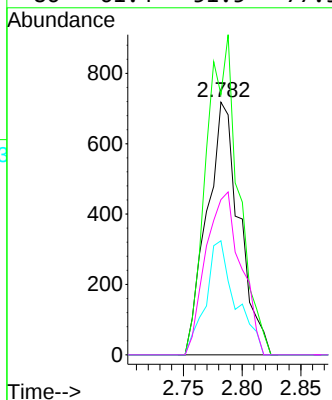


#20
Methylene Chloride
Concen: 0.423 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

Instrument :
MSVOA_X
ClientSampleId :
BUR-1103ME

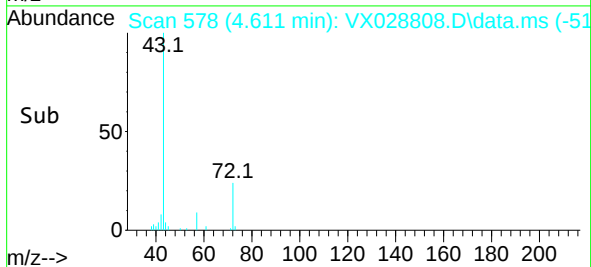
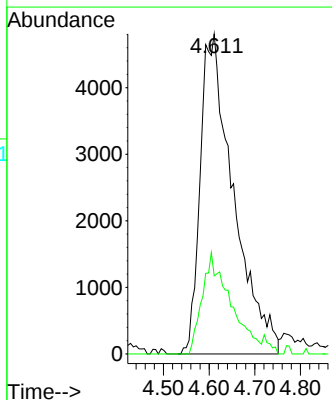
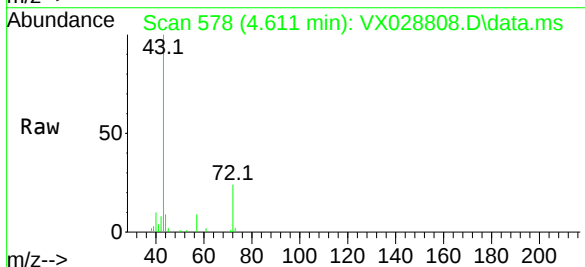


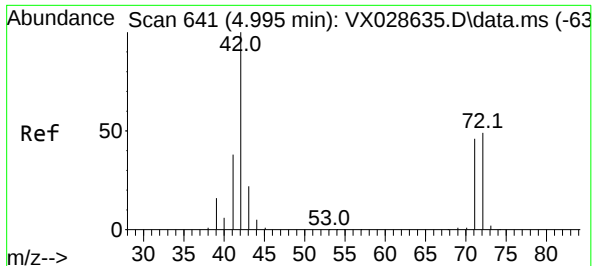
Tgt Ion:	84	Resp:	1382
Ion	Ratio	Lower	Upper
84	100		
49	103.1	85.5	128.3
51	45.1	26.6	39.8#
86	61.4	51.5	77.3



#25
2-Butanone
Concen: 9.906 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.061 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

Tgt Ion:	43	Resp:	24189
Ion	Ratio	Lower	Upper
43	100		
72	24.4	24.4	36.6#





#29

Tetrahydrofuran

Concen: 0.800 ug/l

RT: 5.056 min Scan# 61

Delta R.T. 0.061 min

Lab File: VX028808.D

Acq: 18 May 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

BUR-1103ME

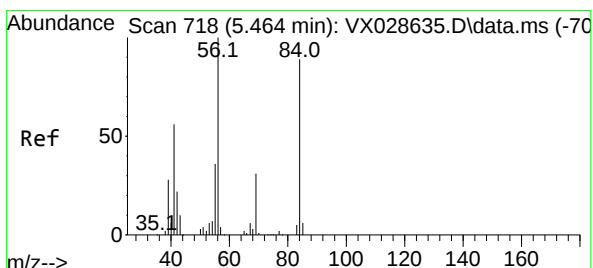
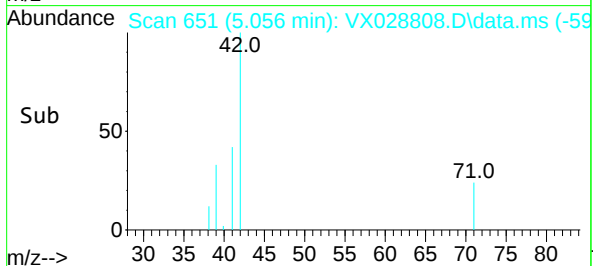
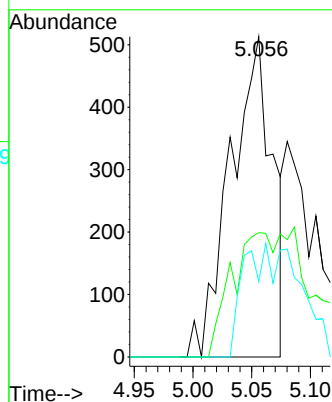
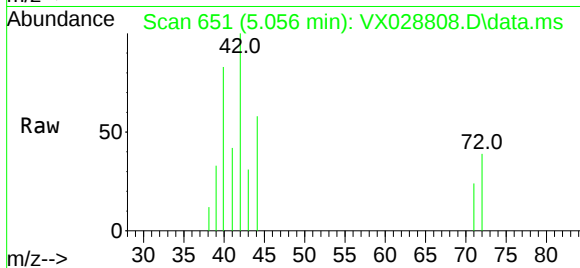
Tgt Ion: 42 Resp: 1269

Ion Ratio Lower Upper

42 100

72 38.5 44.1 66.1#

71 15.8 40.5 60.7#



#31

Cyclohexane

Concen: 1.235 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.080 min

Lab File: VX028808.D

Acq: 18 May 2022 16:05

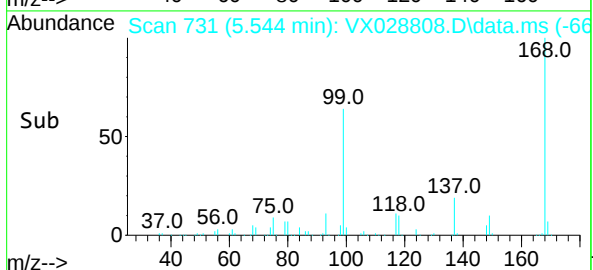
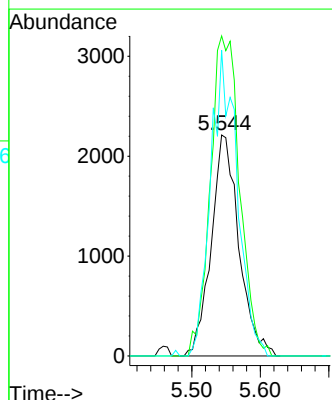
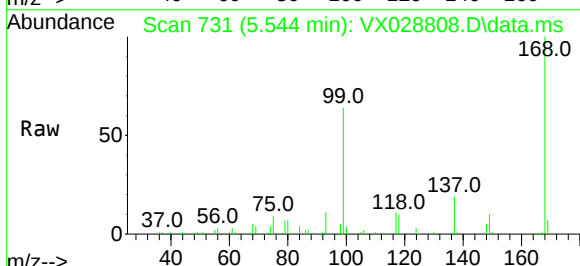
Tgt Ion: 56 Resp: 6212

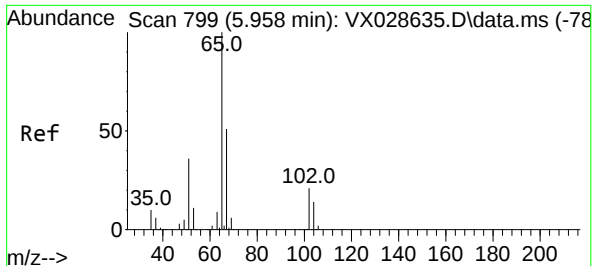
Ion Ratio Lower Upper

56 100

69 144.8 26.7 40.1#

84 138.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 46.824 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028808.D

Acq: 18 May 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

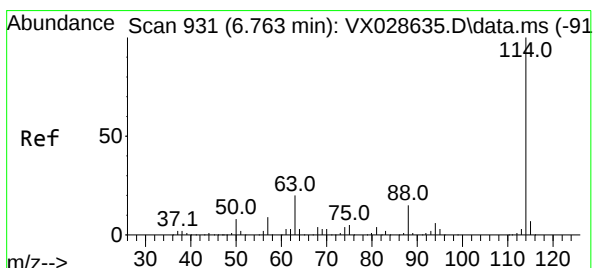
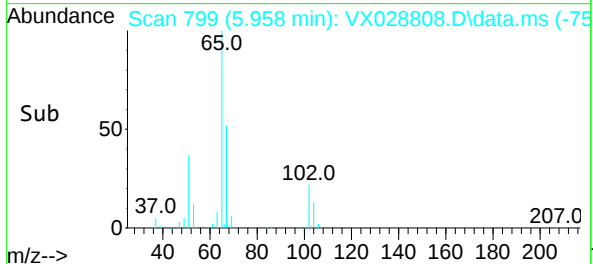
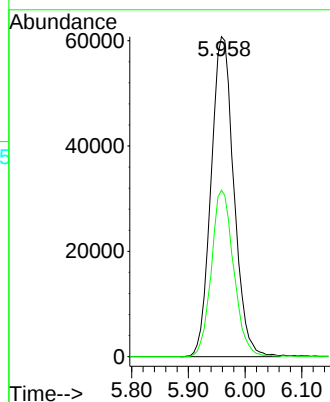
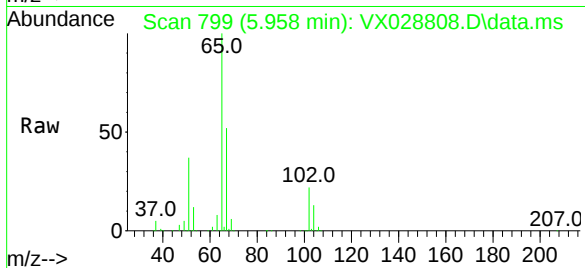
BUR-1103ME

Tgt Ion: 65 Resp: 169722

Ion Ratio Lower Upper

65 100

67 51.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028808.D

Acq: 18 May 2022 16:05

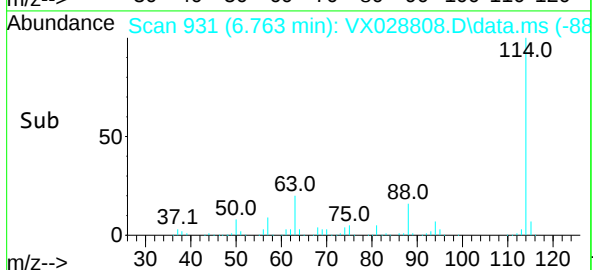
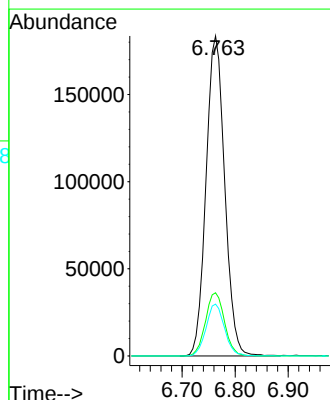
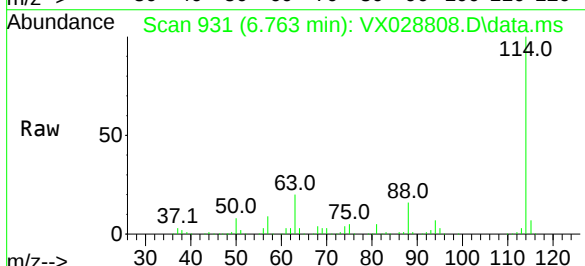
Tgt Ion: 114 Resp: 448531

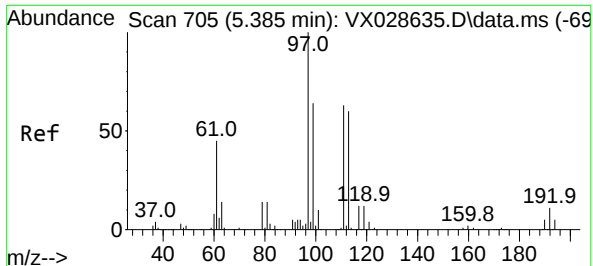
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 44.987 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028808.D

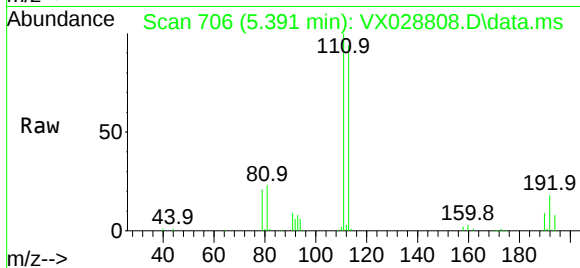
Acq: 18 May 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

BUR-1103ME



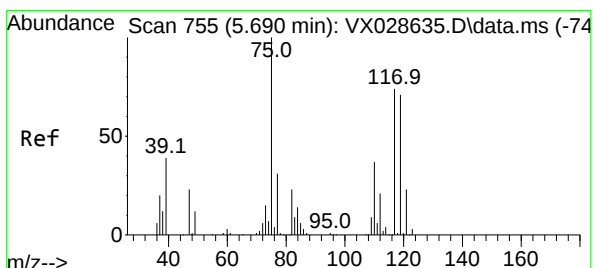
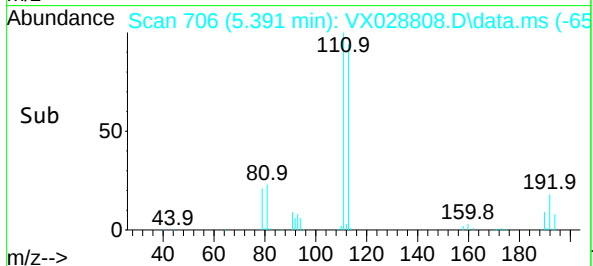
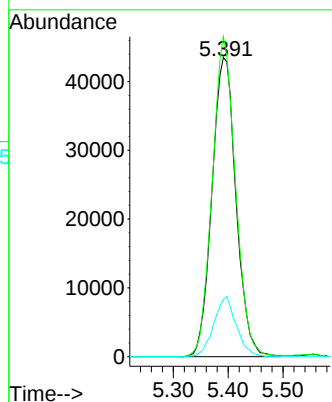
Tgt Ion:113 Resp: 132203

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

192 18.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.792 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX028808.D

Acq: 18 May 2022 16:05

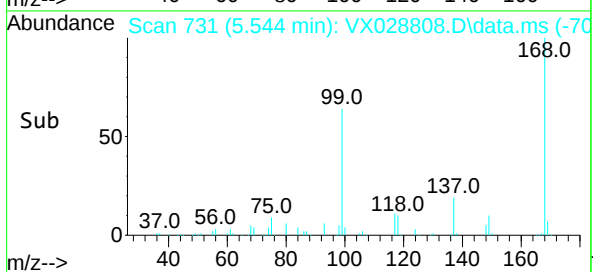
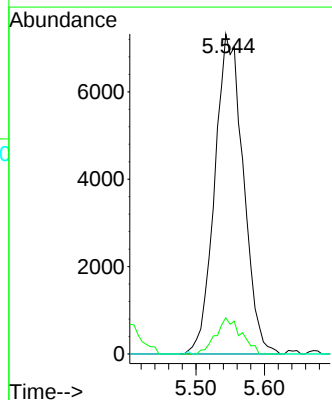
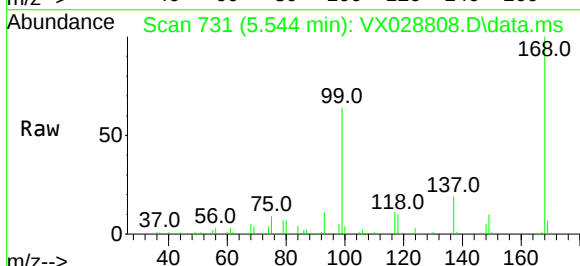
Tgt Ion: 75 Resp: 21151

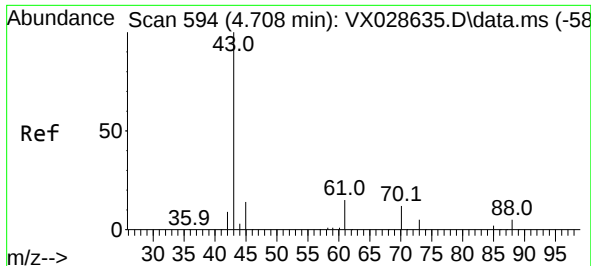
Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 5.247 ug/l

RT: 4.611 min Scan# 51

Delta R.T. -0.097 min

Lab File: VX028808.D

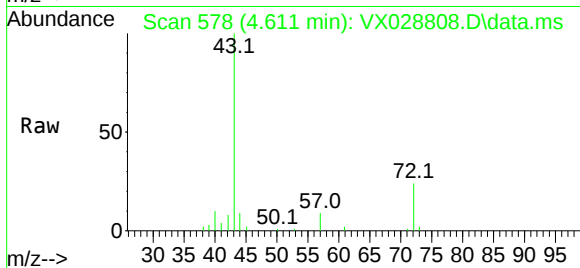
Acq: 18 May 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

BUR-1103ME



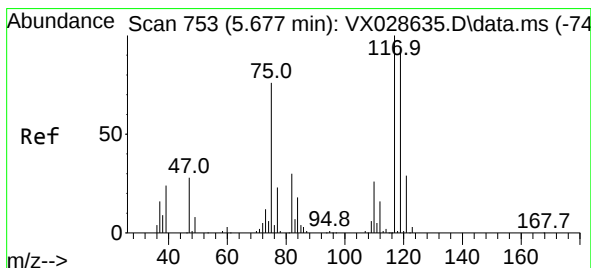
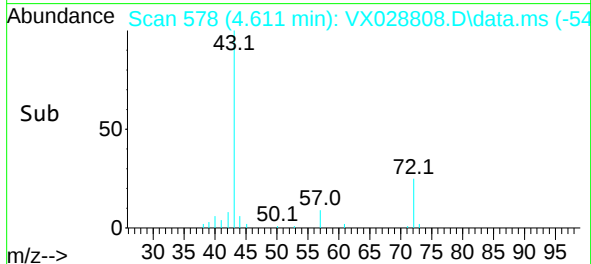
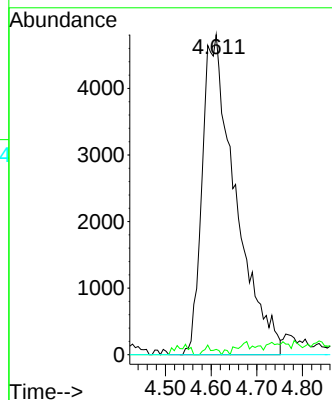
Tgt Ion: 43 Resp: 24189

Ion Ratio Lower Upper

43 100

61 0.8 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 6.267 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.133 min

Lab File: VX028808.D

Acq: 18 May 2022 16:05

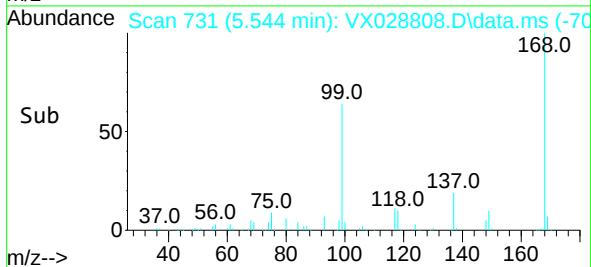
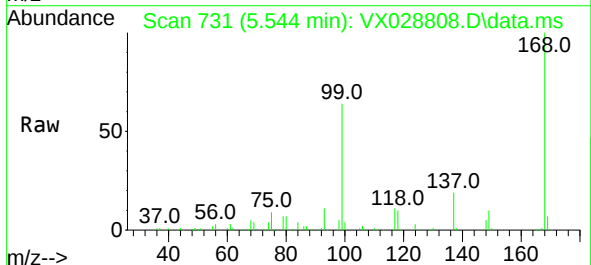
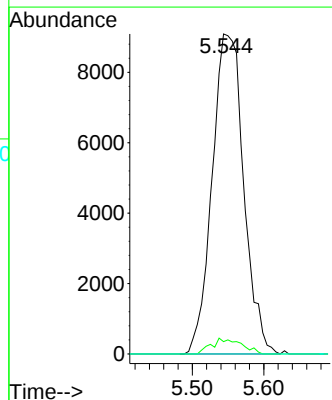
Tgt Ion: 117 Resp: 27839

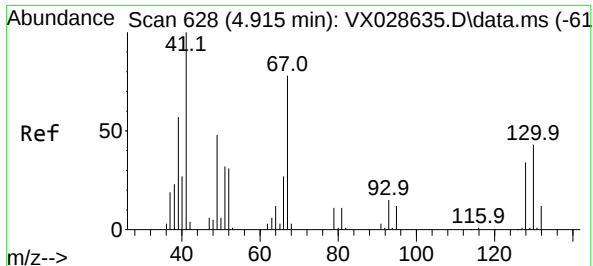
Ion Ratio Lower Upper

117 100

119 3.9 77.3 115.9#

121 0.0 24.2 36.2#

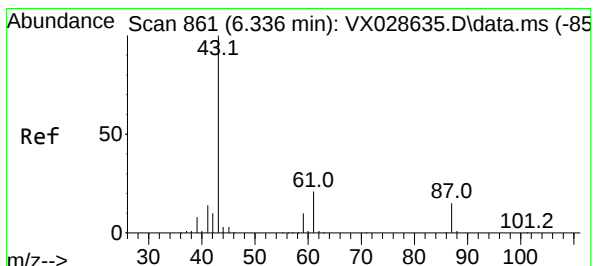
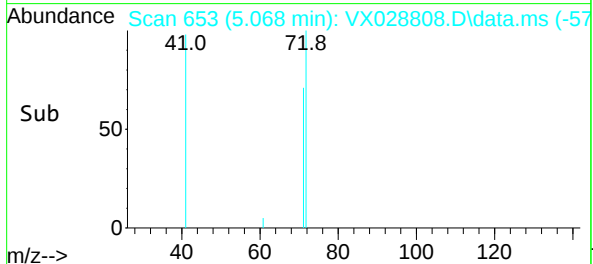
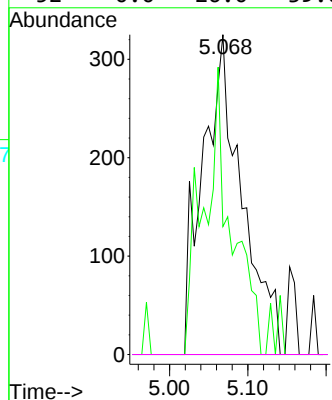
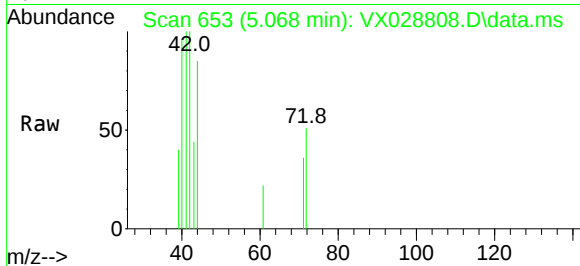




#41
Methacrylonitrile
Concen: 0.456 ug/l
RT: 5.068 min Scan# 611
Delta R.T. 0.153 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

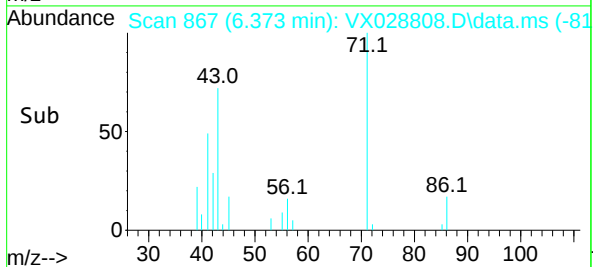
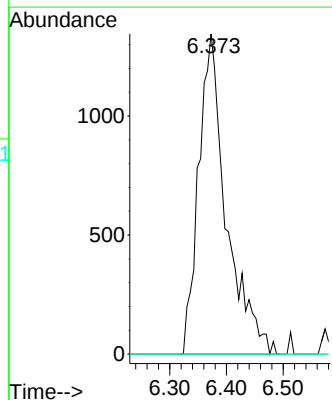
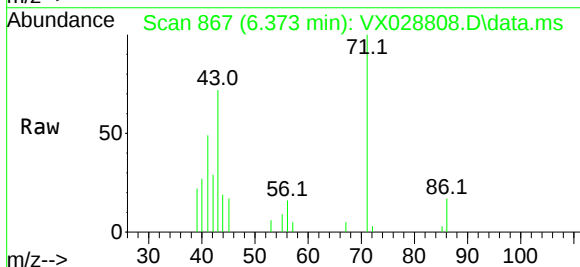
Instrument :
MSVOA_X
ClientSampleId :
BUR-1103ME

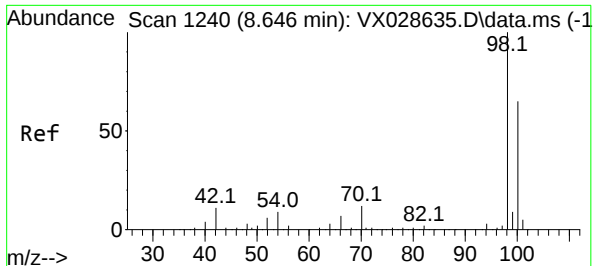
Tgt Ion: 41 Resp: 1128
Ion Ratio Lower Upper
41 100
39 41.7 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#



#43
Isopropyl Acetate
Concen: 0.632 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.037 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

Tgt Ion: 43 Resp: 4558
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#





#50

Toluene-d8

Concen: 46.970 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX028808.D

Acq: 18 May 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

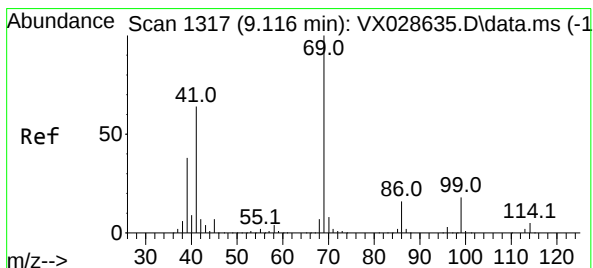
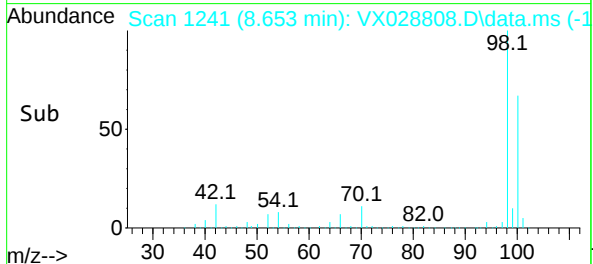
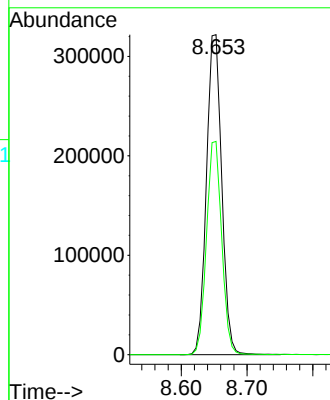
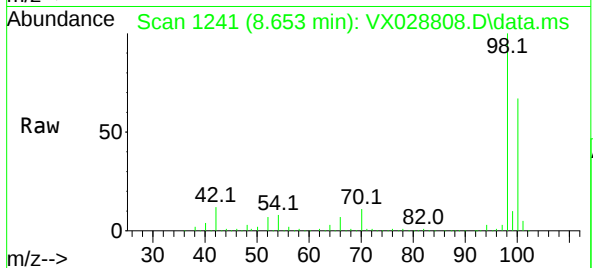
BUR-1103ME

Tgt Ion: 98 Resp: 520402

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8



#56

Ethyl methacrylate

Concen: 0.350 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.031 min

Lab File: VX028808.D

Acq: 18 May 2022 16:05

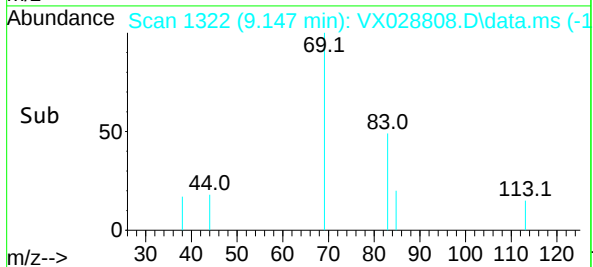
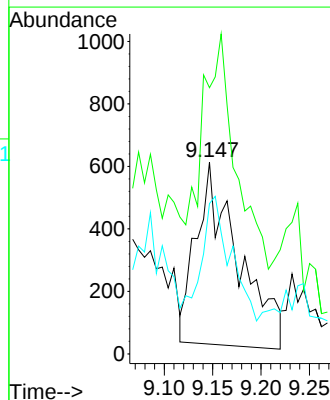
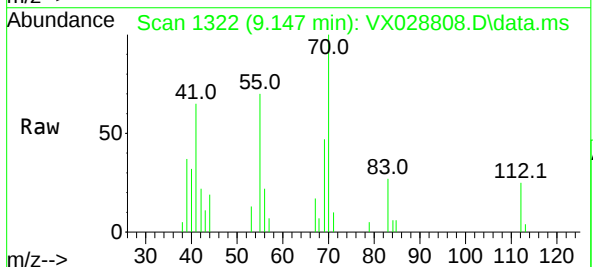
Tgt Ion: 69 Resp: 1766

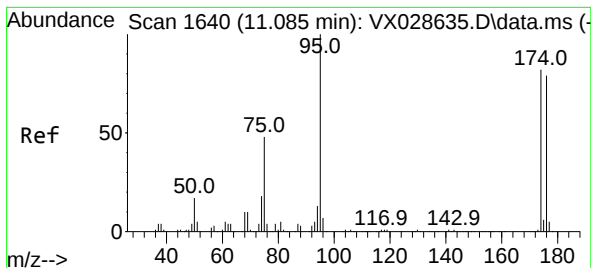
Ion Ratio Lower Upper

69 100

41 102.7 43.8 65.6#

39 45.8 22.2 33.2#

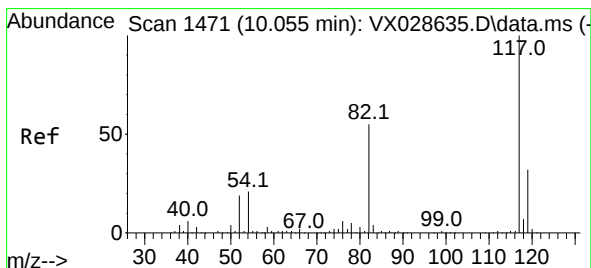
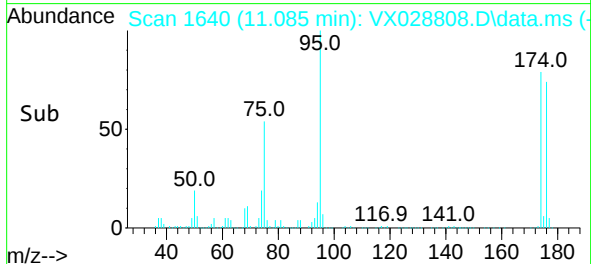
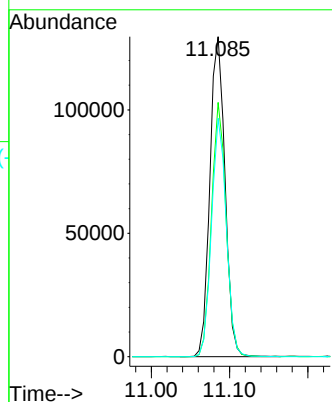
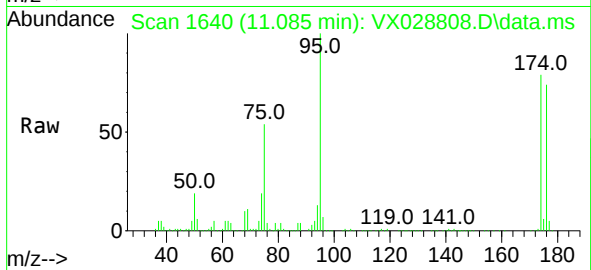




#62
4-Bromofluorobenzene
Concen: 41.891 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

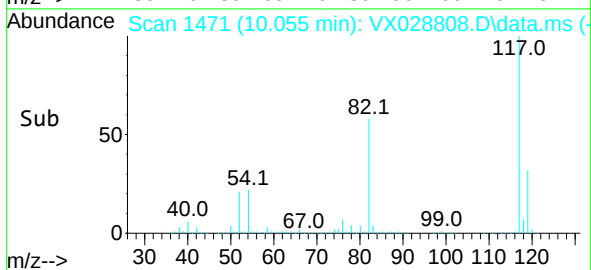
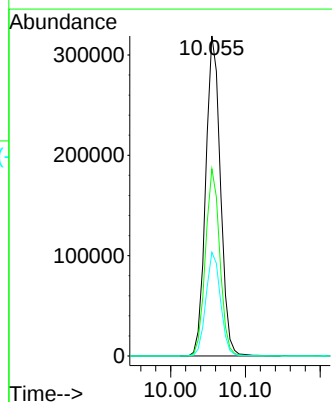
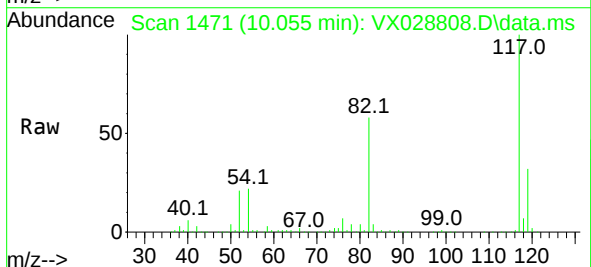
Instrument :
MSVOA_X
ClientSampleId :
BUR-1103ME

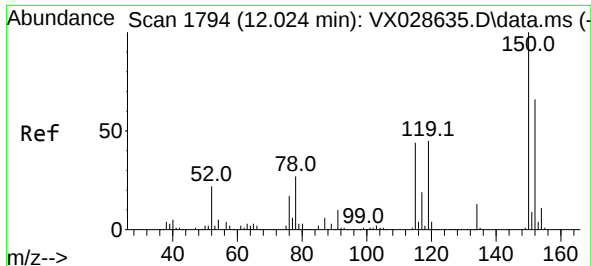
Tgt Ion: 95 Resp: 173357
Ion Ratio Lower Upper
95 100
174 76.4 0.0 163.0
176 73.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

Tgt Ion: 117 Resp: 436520
Ion Ratio Lower Upper
117 100
82 58.5 41.8 62.8
119 32.4 24.8 37.2

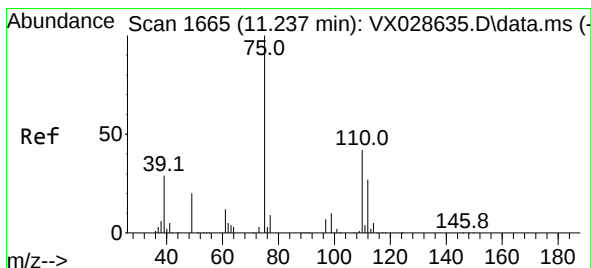
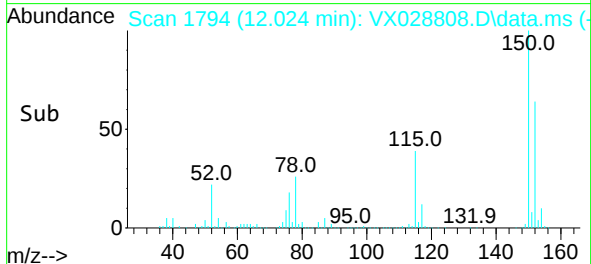
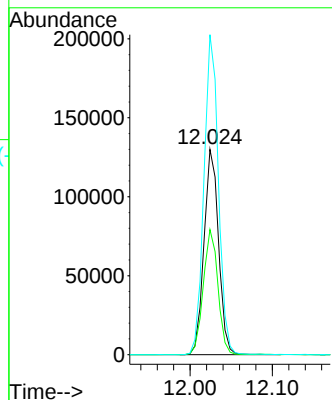
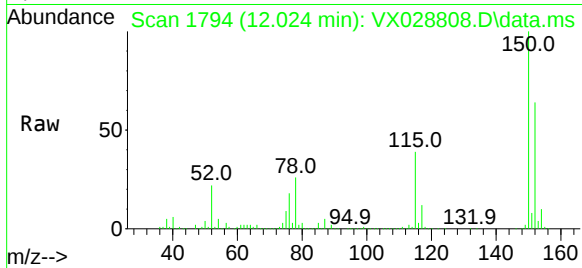




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028808.D
 Acq: 18 May 2022 16:05

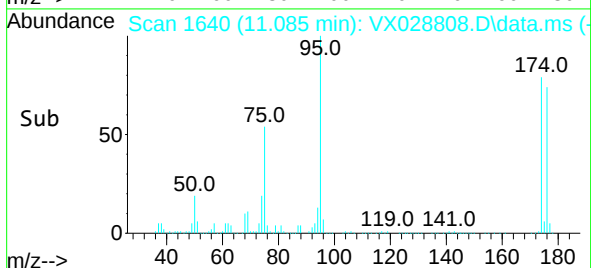
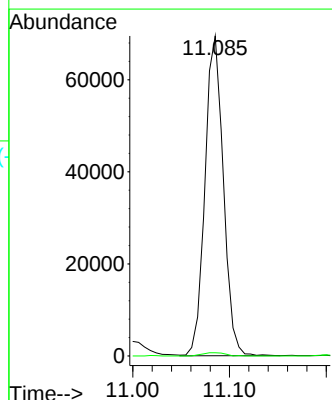
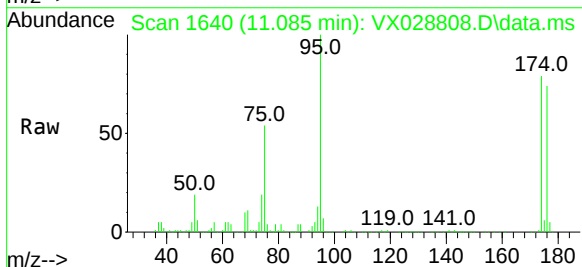
Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1103ME

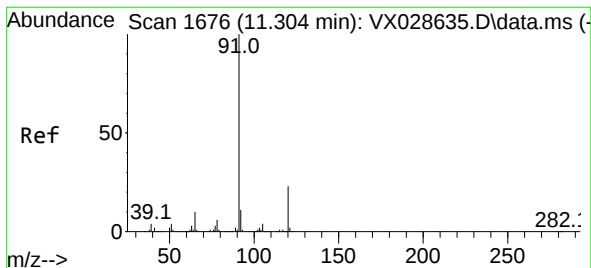
Tgt Ion:152 Resp: 159767
 Ion Ratio Lower Upper
 152 100
 115 61.2 37.5 112.7
 150 155.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.551 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.152 min
 Lab File: VX028808.D
 Acq: 18 May 2022 16:05

Tgt Ion: 75 Resp: 91861
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#78

n-propylbenzene

Concen: 0.214 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX028808.D

Acq: 18 May 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

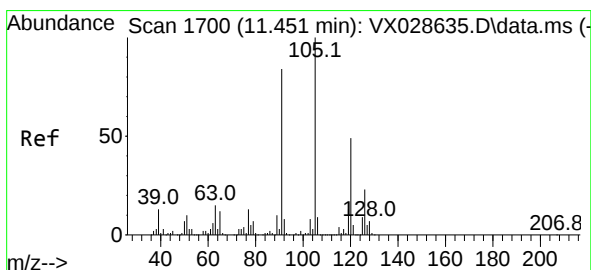
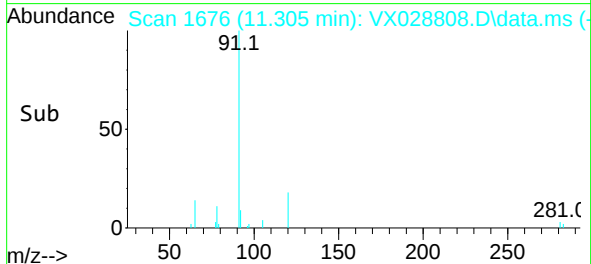
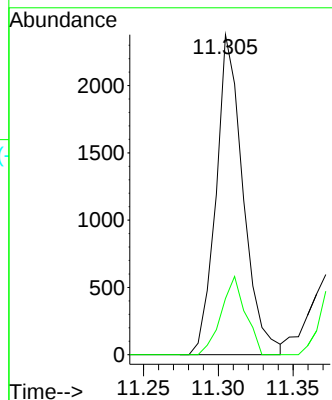
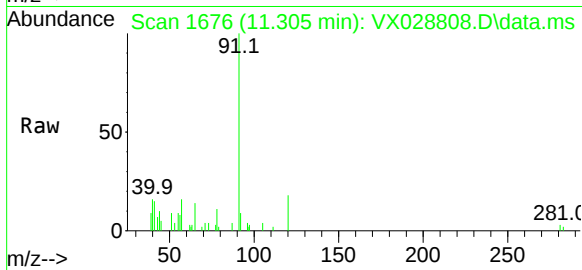
BUR-1103ME

Tgt Ion: 91 Resp: 2999

Ion Ratio Lower Upper

91 100

120 21.8 11.6 34.8



#80

1,3,5-Trimethylbenzene

Concen: 0.482 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX028808.D

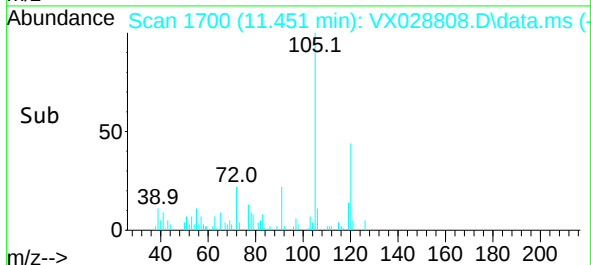
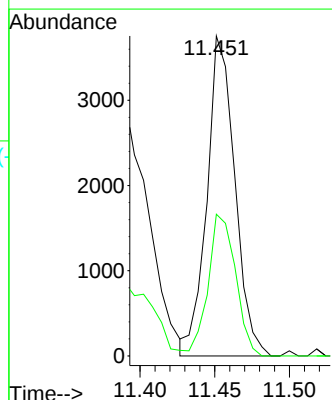
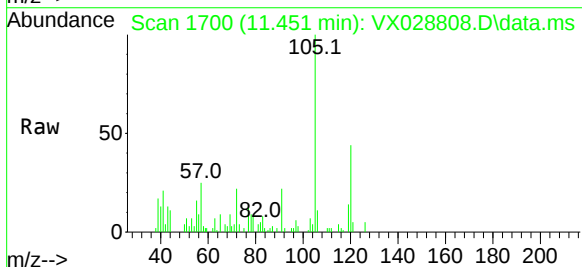
Acq: 18 May 2022 16:05

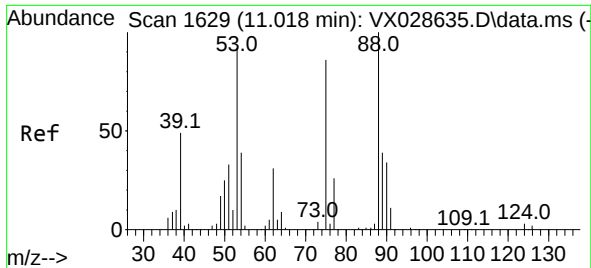
Tgt Ion: 105 Resp: 4864

Ion Ratio Lower Upper

105 100

120 43.3 24.3 72.9

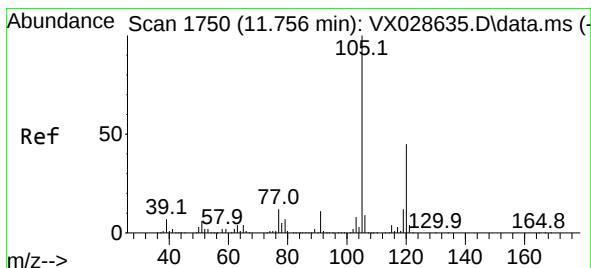
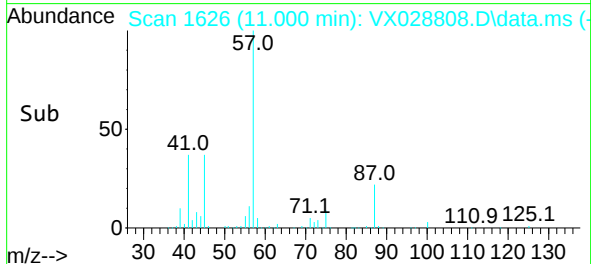
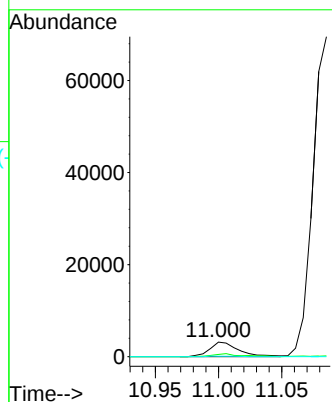
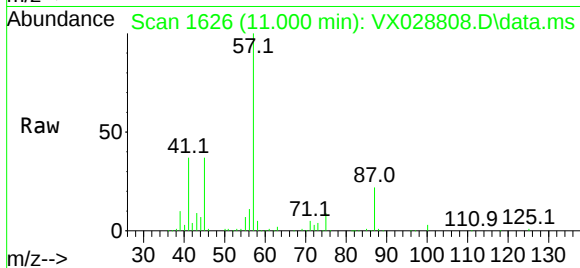




#81
trans-1,4-Dichloro-2-butene
Concen: 7.544 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.018 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

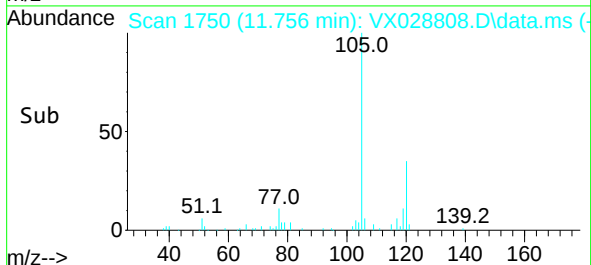
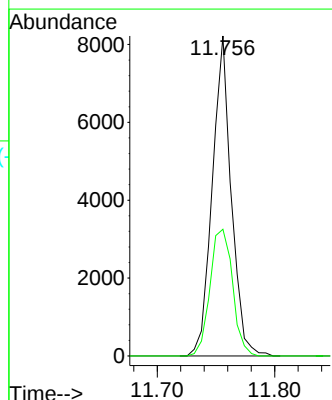
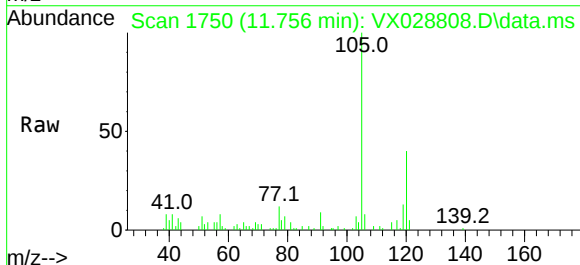
Instrument :
MSVOA_X
ClientSampleId :
BUR-1103ME

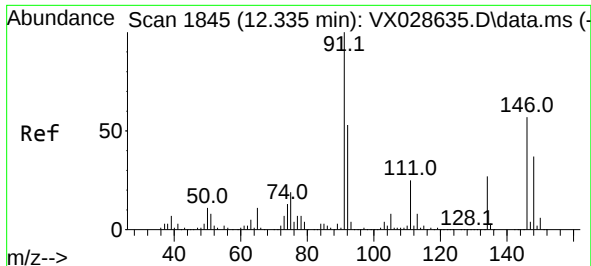
Tgt Ion: 75 Resp: 4994
Ion Ratio Lower Upper
75 100
53 20.6 69.0 103.4#
89 4.3 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.910 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

Tgt Ion: 105 Resp: 9212
Ion Ratio Lower Upper
105 100
120 47.1 22.6 67.8





#89

n-Butylbenzene

Concen: 0.500 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028808.D

Acq: 18 May 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

BUR-1103ME

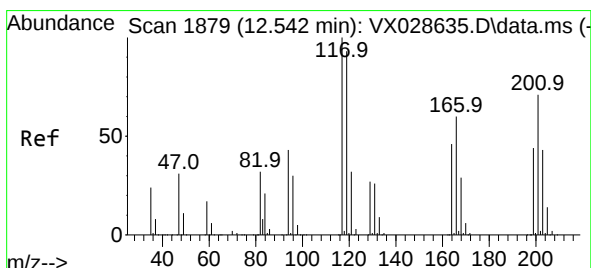
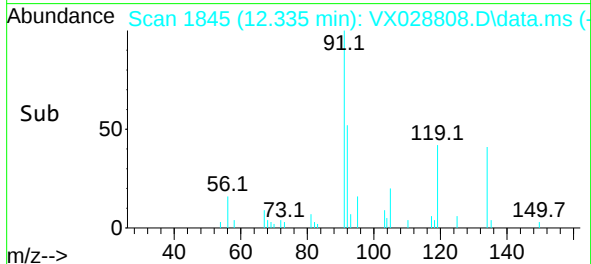
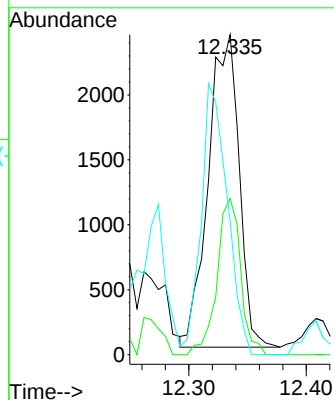
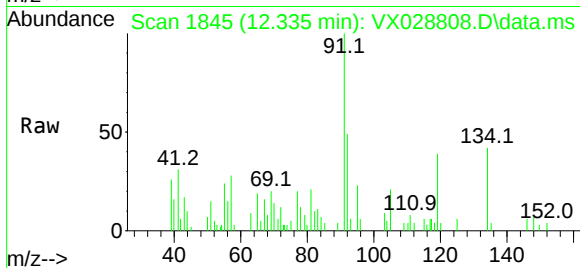
Tgt Ion: 91 Resp: 4383

Ion Ratio Lower Upper

91 100

92 38.4 27.8 83.3

134 73.7 13.3 39.8#



#90

Hexachloroethane

Concen: 0.398 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX028808.D

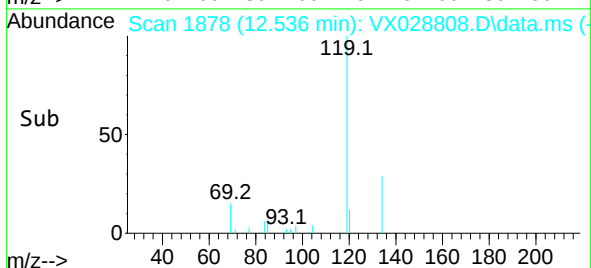
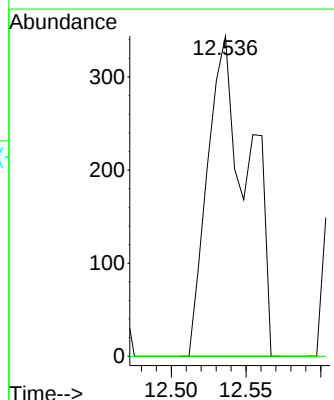
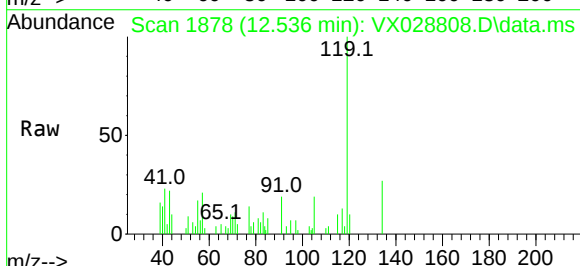
Acq: 18 May 2022 16:05

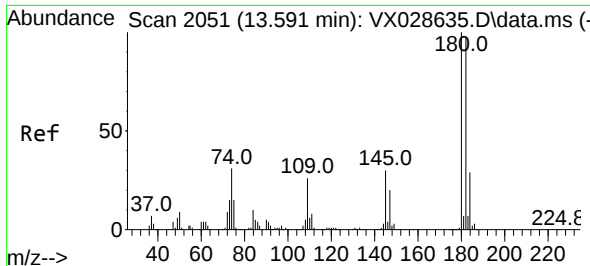
Tgt Ion: 117 Resp: 651

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#

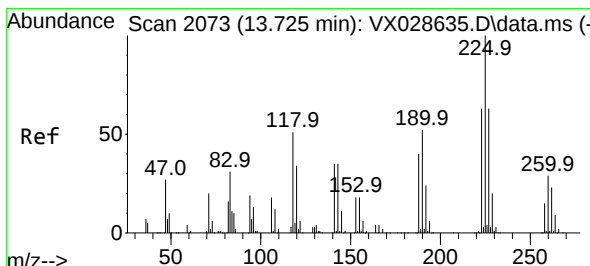
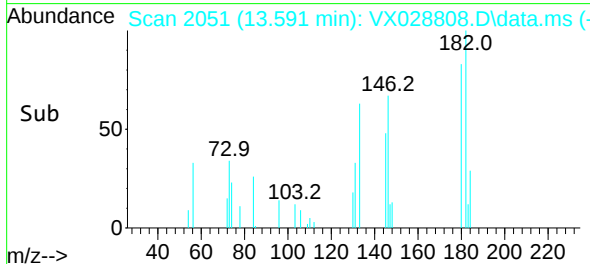
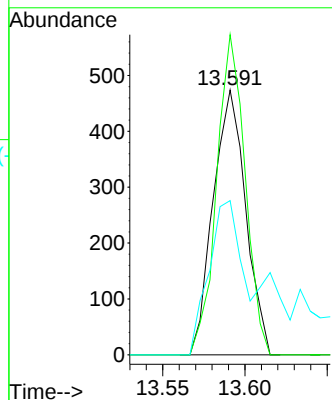
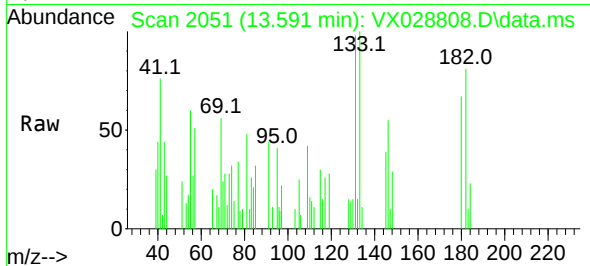




#93
1,2,4-Trichlorobenzene
Concen: 0.204 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

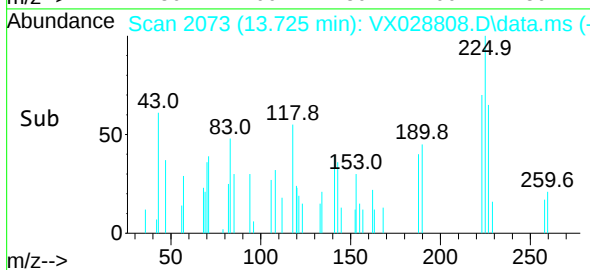
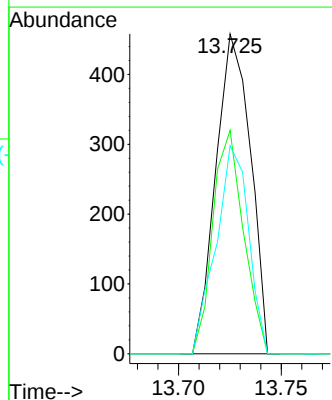
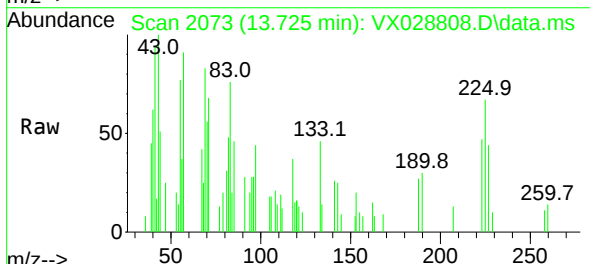
Instrument :
MSVOA_X
ClientSampleId :
BUR-1103ME

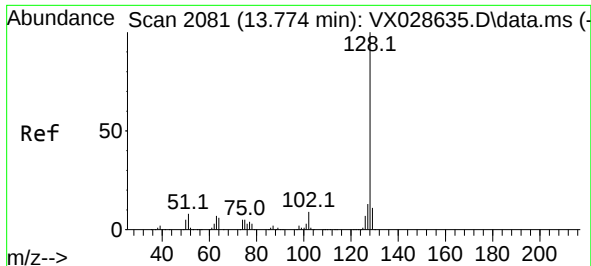
Tgt Ion:180 Resp: 651
Ion Ratio Lower Upper
180 100
182 105.8 47.7 143.1
145 83.7 15.2 45.5#



#94
Hexachlorobutadiene
Concen: 0.414 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

Tgt Ion:225 Resp: 537
Ion Ratio Lower Upper
225 100
223 61.8 34.2 102.5
227 61.3 33.9 101.7

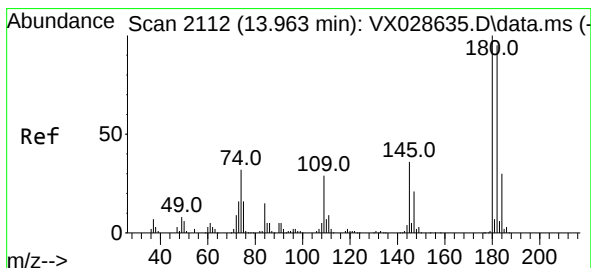
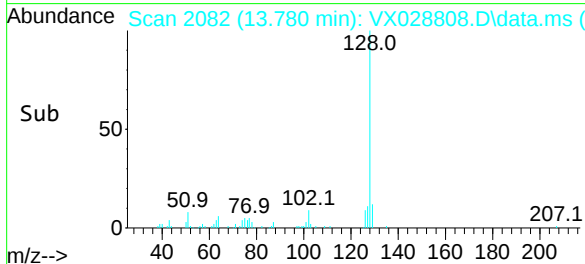
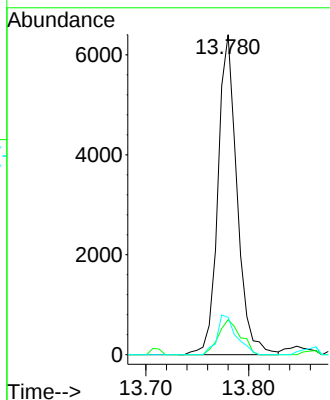
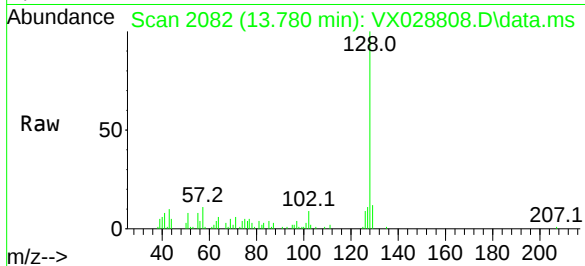




#95
Naphthalene
Concen: 0.727 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

Instrument :
MSVOA_X
ClientSampleId :
BUR-1103ME

Tgt Ion:128 Resp: 8254
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 12.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.259 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028808.D
Acq: 18 May 2022 16:05

Tgt Ion:180 Resp: 829
Ion Ratio Lower Upper
180 100
182 100.1 50.0 149.8
145 58.1 16.2 48.5#

