

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022671.D
 Acq On : 11 Jun 2021 16:43
 Operator : JC/MD
 Sample : M2645-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

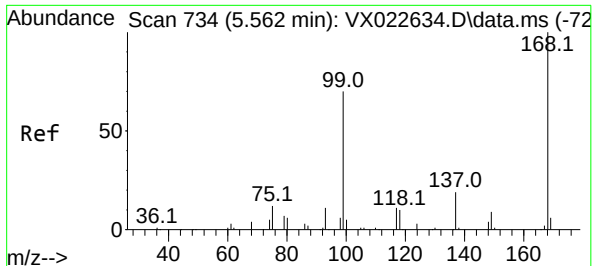
Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1048

Quant Time: Jun 12 02:30:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

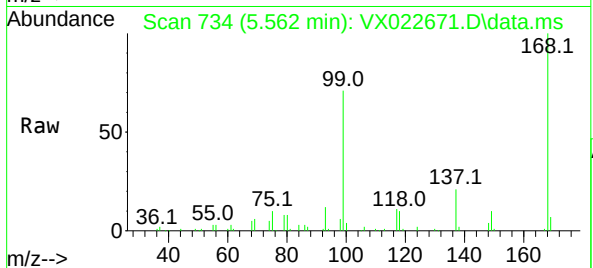
Internal Standards						
1) Pentafluorobenzene	5.562	168	55548	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112741	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47868	47.915	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.840%		
35) Dibromofluoromethane	5.397	113	33006	45.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.780%		
50) Toluene-d8	8.653	98	136494	48.136	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.280%		
62) 4-Bromofluorobenzene	11.085	95	46124	43.009	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.020%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	163	0.705	ug/l	# 73
13) Acrolein	2.245	56	30	0.309	ug/l	# 14
16) Acetone	2.392	43	2319	5.184	ug/l	# 84
25) 2-Butanone	4.580	43	412	0.568	ug/l	# 45
28) Bromochloromethane	5.117	49	463	0.639	ug/l	# 9
29) Tetrahydrofuran	5.044	42	117	0.277	ug/l	# 27
30) Chloroform	5.105	83	5052	3.385	ug/l	97
31) Cyclohexane	5.470	56	715	0.593	ug/l	# 91
36) 1,1-Dichloropropene	5.556	75	5975	5.319	ug/l	# 46
38) Carbon Tetrachloride	5.574	117	6670	6.941	ug/l	# 16
39) Methylcyclohexane	7.379	83	538	0.459	ug/l	# 87
40) Benzene	6.044	78	2235	0.669	ug/l	# 87
41) Methacrylonitrile	5.050	41	166	0.217	ug/l	# 25
51) 4-Methyl-2-Pentanone	8.580	43	525	0.367	ug/l	# 74
52) Toluene	8.720	92	7845	3.772	ug/l	96
67) Ethyl Benzene	10.195	91	4695	1.265	ug/l	# 85
68) m/p-Xylenes	10.305	106	8965	6.670	ug/l	99
69) o-Xylene	10.646	106	3138	2.410	ug/l	91
70) Styrene	10.646	104	325	1.586	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	24989	26.950	ug/l	# 39
78) n-propylbenzene	11.305	91	1706	0.492	ug/l	93
80) 1,3,5-Trimethylbenzene	11.457	105	1731	0.724	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.085	75	24989	67.390	ug/l	# 12
83) tert-Butylbenzene	11.756	119	916	0.408	ug/l	# 26
84) 1,2,4-Trimethylbenzene	11.756	105	7864	3.241	ug/l	98
85) sec-Butylbenzene	11.756	105	7864	2.680	ug/l	# 57
89) n-Butylbenzene	12.335	91	495	0.213	ug/l	# 35
90) Hexachloroethane	12.555	117	24	3.728	ug/l	# 9
95) Naphthalene	13.780	128	2332	2.236	ug/l	96

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

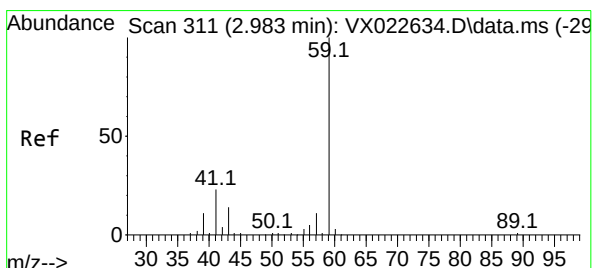
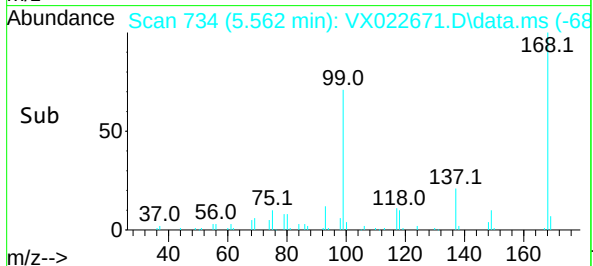
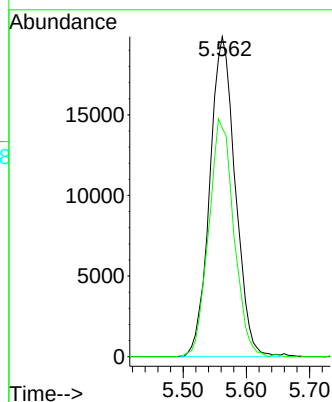


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

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MSVOA_X
ClientSampleId :
BUR-1048

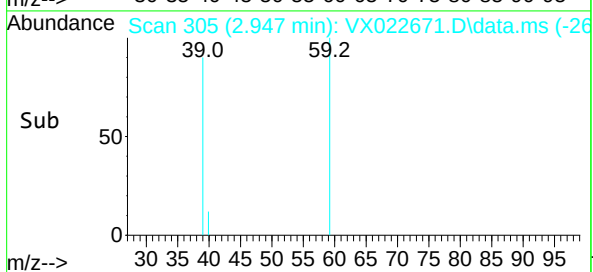
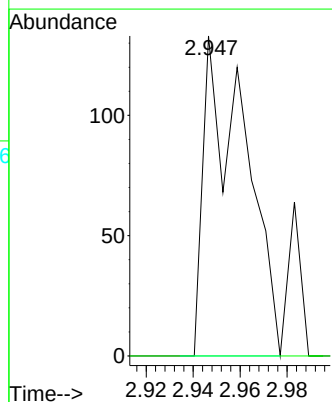
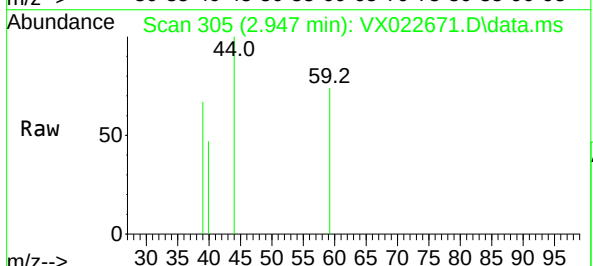


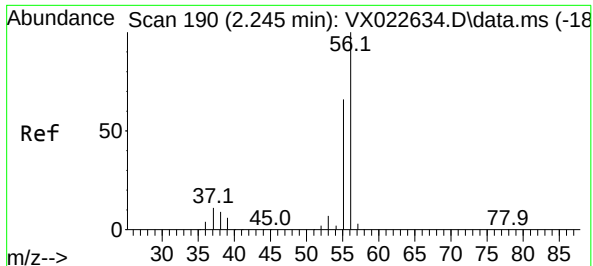
Tgt Ion:168 Resp: 55548
Ion Ratio Lower Upper
168 100
99 71.1 45.8 68.6#



#11
Tert butyl alcohol
Concen: 0.705 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

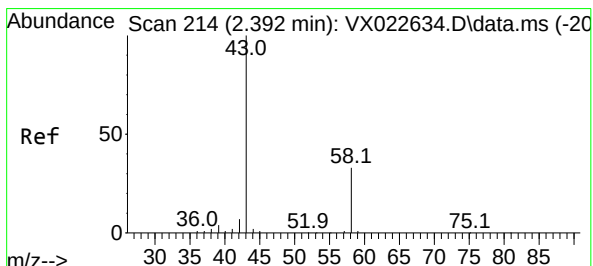
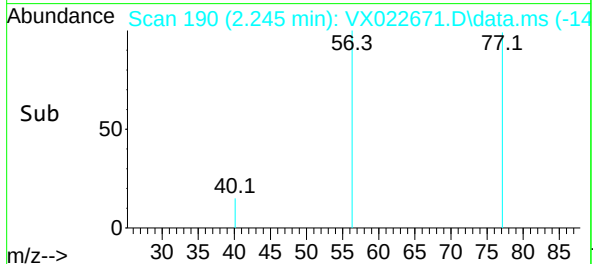
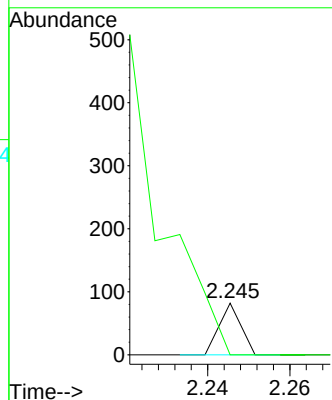
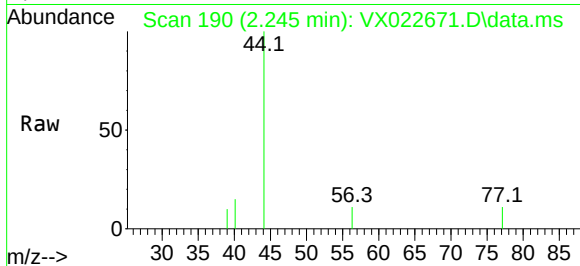




#13
Acrolein
Concen: 0.309 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

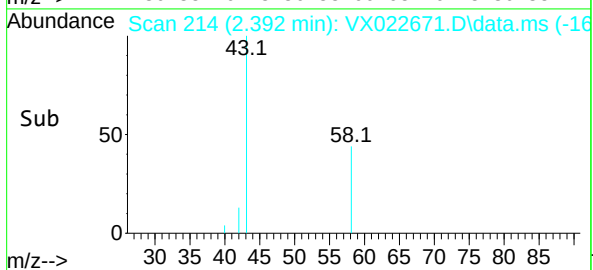
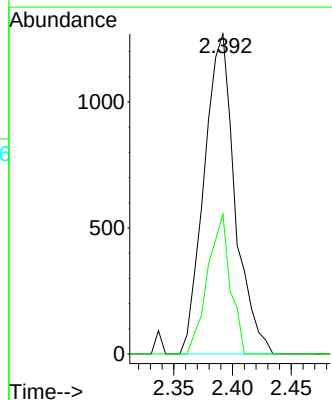
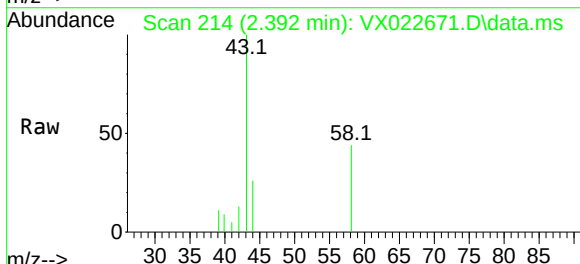
Instrument :
MSVOA_X
ClientSampleId :
BUR-1048

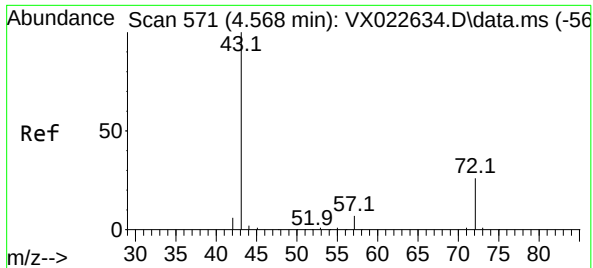
Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 5.184 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

Tgt Ion: 43 Resp: 2319
Ion Ratio Lower Upper
43 100
58 43.8 27.8 41.8#

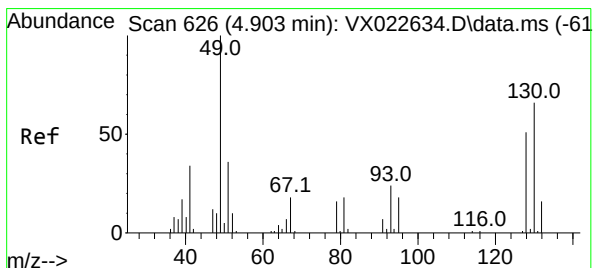
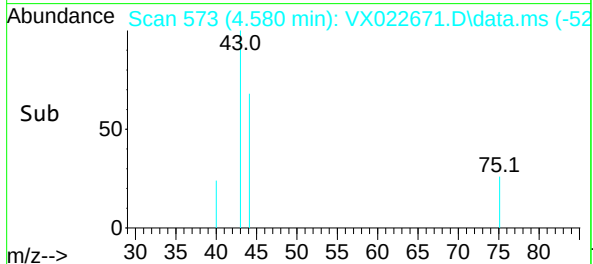
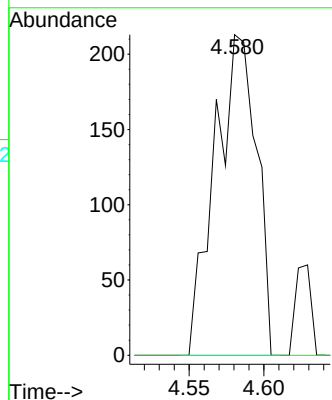
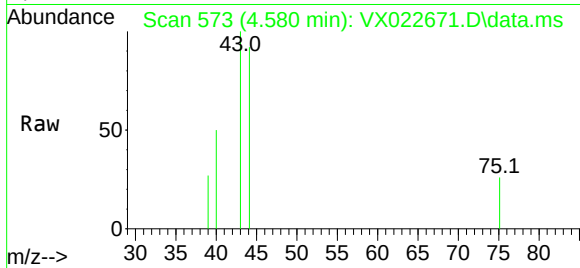




#25
2-Butanone
Concen: 0.568 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

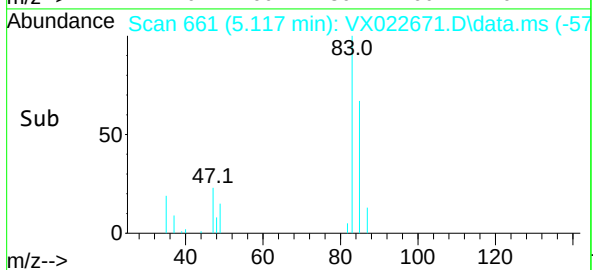
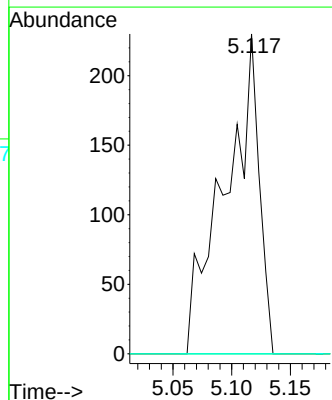
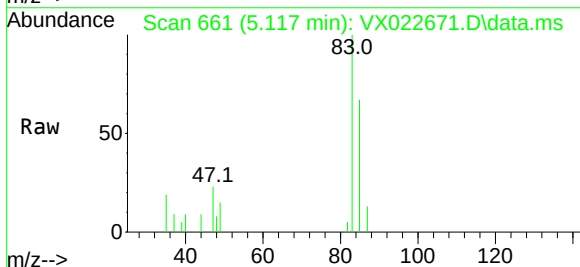
Instrument :
MSVOA_X
ClientSampleId :
BUR-1048

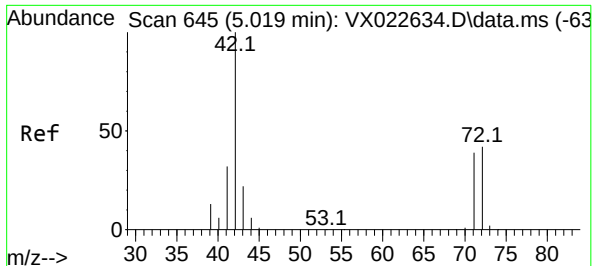
Tgt Ion: 43 Resp: 412
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#28
Bromochloromethane
Concen: 0.639 ug/l
RT: 5.117 min Scan# 661
Delta R.T. 0.213 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

Tgt Ion: 49 Resp: 463
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#





#29

Tetrahydrofuran

Concen: 0.277 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.031 min

Lab File: VX022671.D

Acq: 11 Jun 2021 16:43

Tgt Ion: 42 Resp: 117

Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

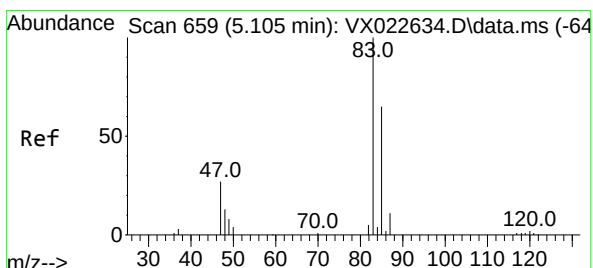
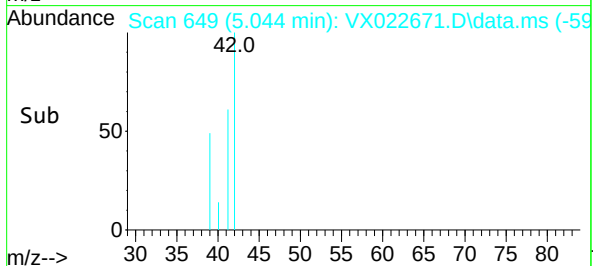
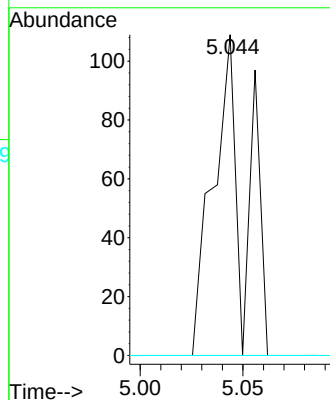
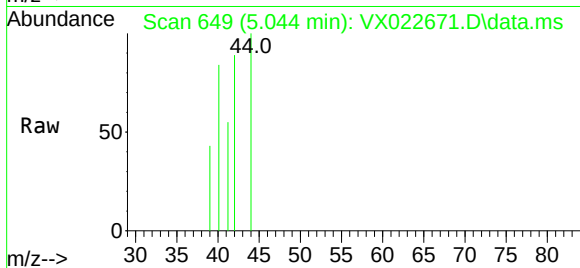
71 0.0 38.4 57.6#

Instrument :

MSVOA_X

ClientSampleId :

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#30

Chloroform

Concen: 3.385 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX022671.D

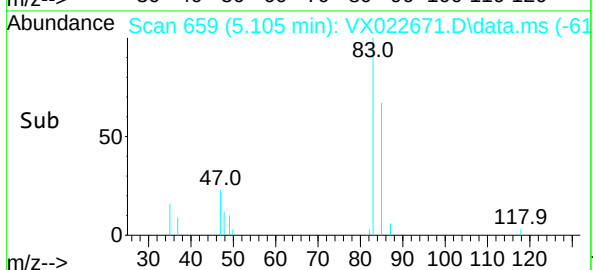
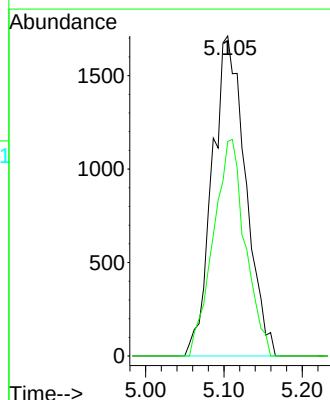
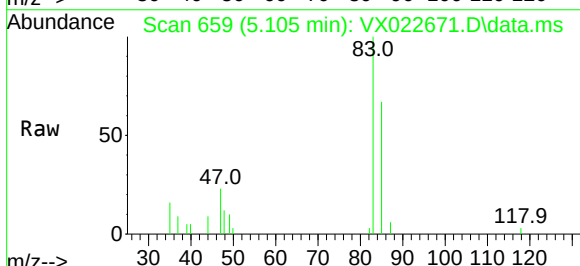
Acq: 11 Jun 2021 16:43

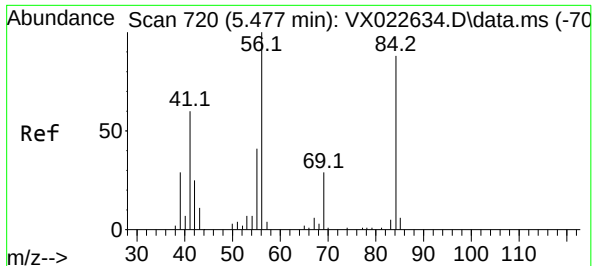
Tgt Ion: 83 Resp: 5052

Ion Ratio Lower Upper

83 100

85 67.1 52.0 78.0

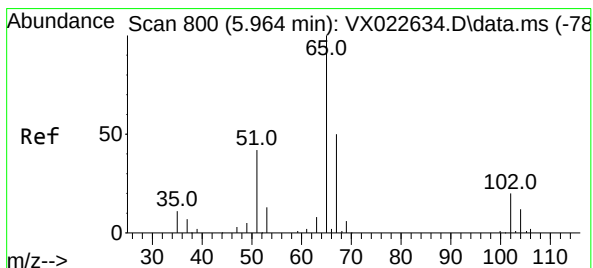
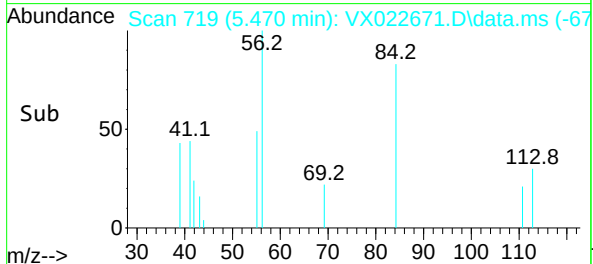
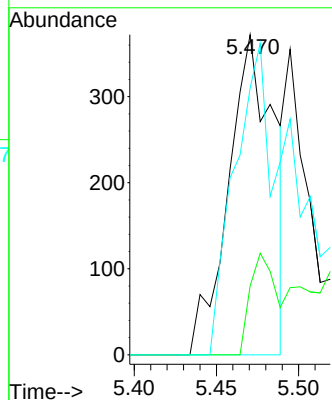
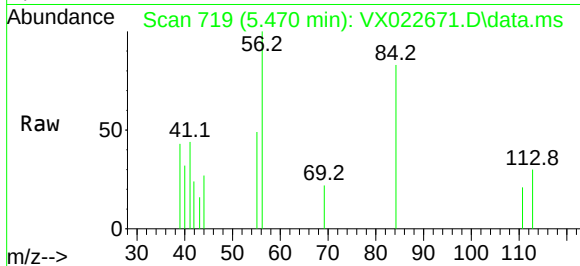




#31
Cyclohexane
Concen: 0.593 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

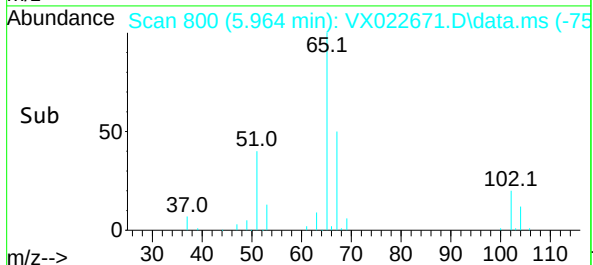
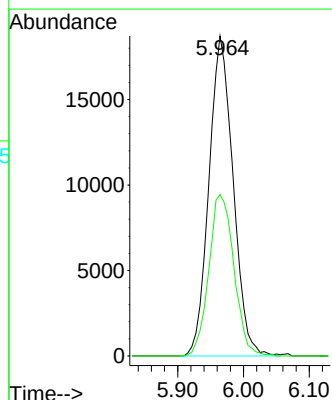
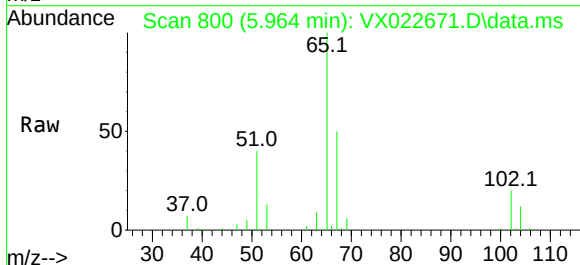
Instrument :
MSVOA_X
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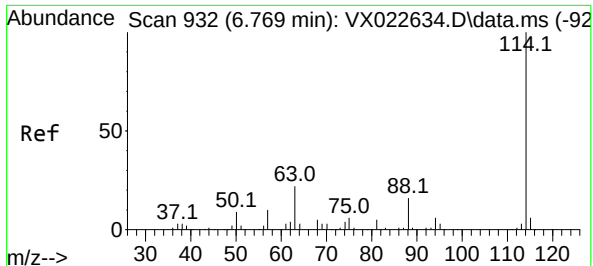
Tgt Ion: 56 Resp: 715
Ion Ratio Lower Upper
56 100
69 21.5 25.3 37.9#
84 83.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 47.915 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

Tgt Ion: 65 Resp: 47868
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

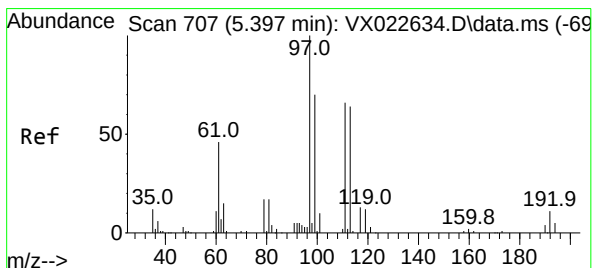
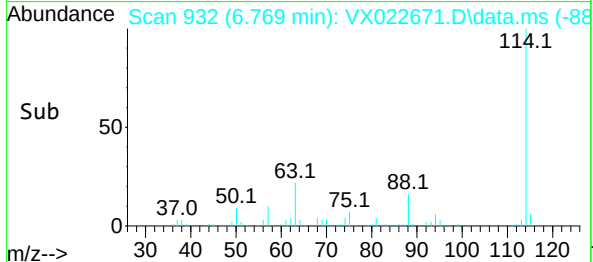
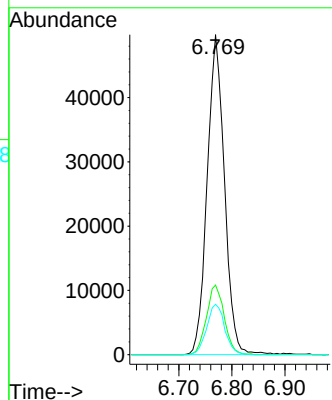
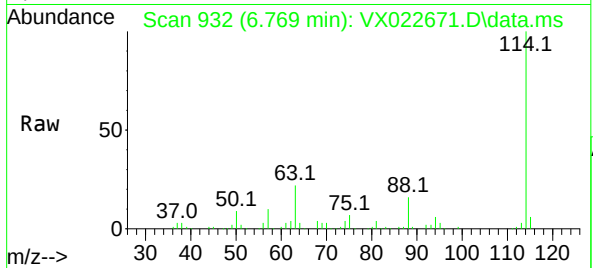




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

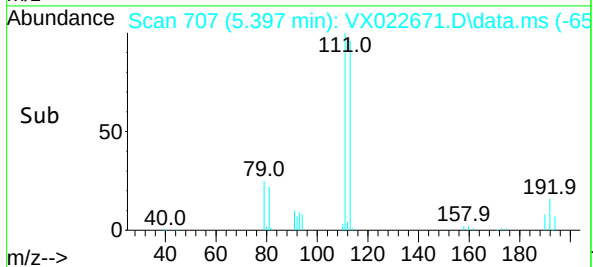
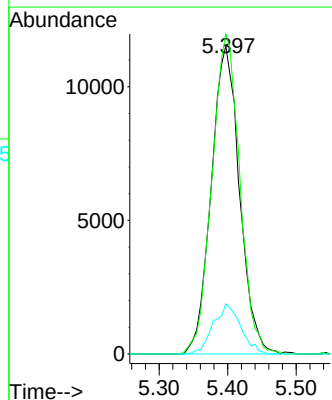
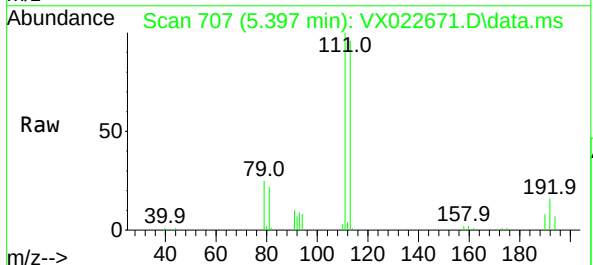
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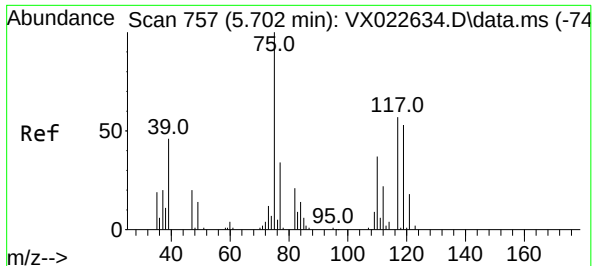
Tgt Ion:114 Resp: 112741
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 45.885 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

Tgt Ion:113 Resp: 33006
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 15.7 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.319 ug/l

RT: 5.556 min Scan# 733

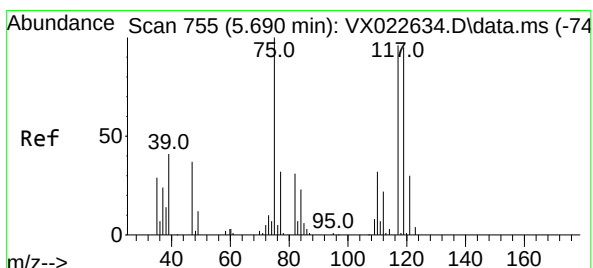
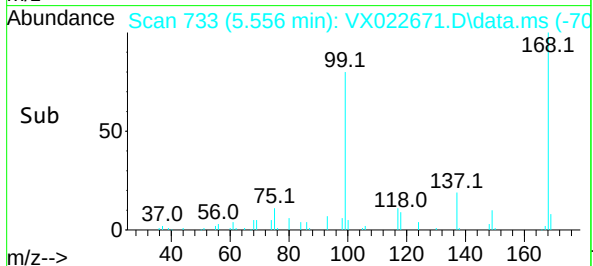
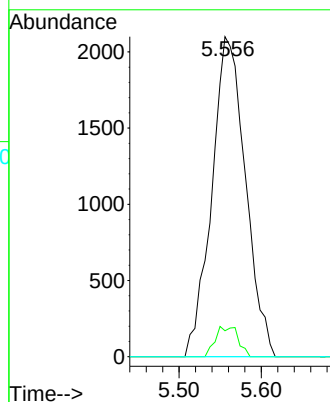
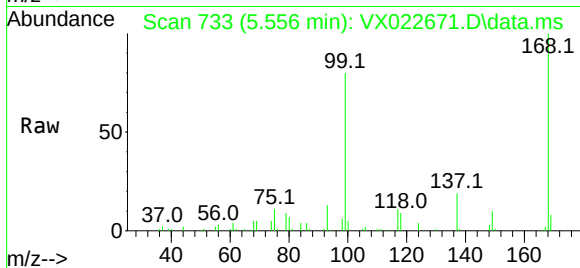
Delta R.T. -0.146 min

Lab File: VX022671.D

Acq: 11 Jun 2021 16:43

Tgt Ion:	75	Resp:	5975
Ion	Ratio	Lower	Upper
75	100		
110	6.3	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
BUR-1048



#38

Carbon Tetrachloride

Concen: 6.941 ug/l

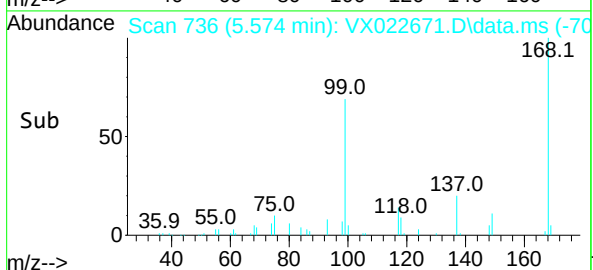
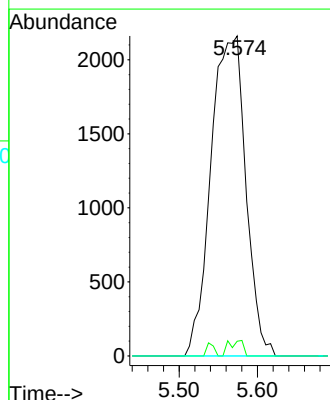
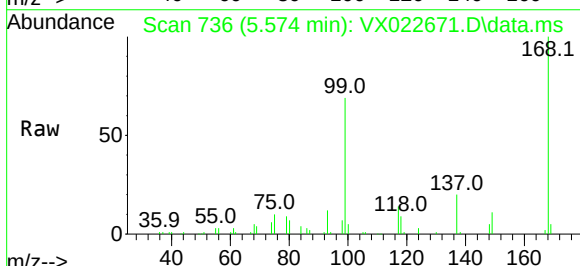
RT: 5.574 min Scan# 736

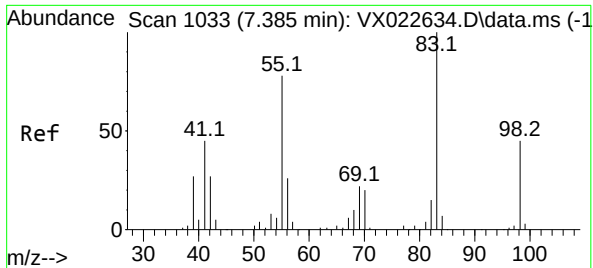
Delta R.T. -0.104 min

Lab File: VX022671.D

Acq: 11 Jun 2021 16:43

Tgt Ion:	117	Resp:	6670
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.459 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX022671.D

Acq: 11 Jun 2021 16:43

Tgt Ion: 83 Resp: 538

Ion Ratio Lower Upper

83 100

55 75.6 58.9 88.3

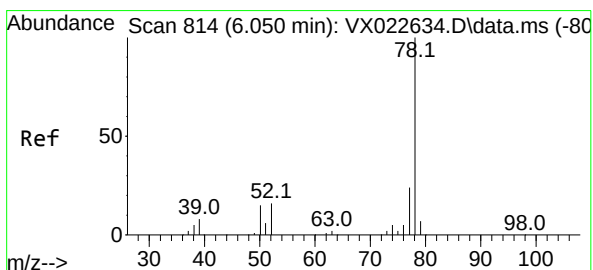
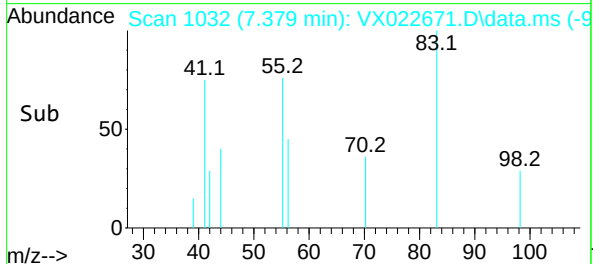
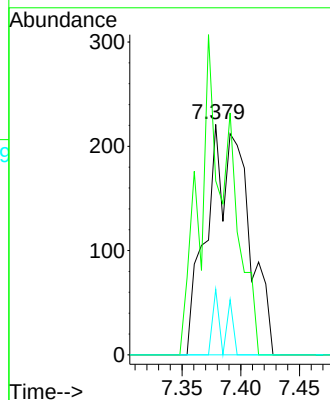
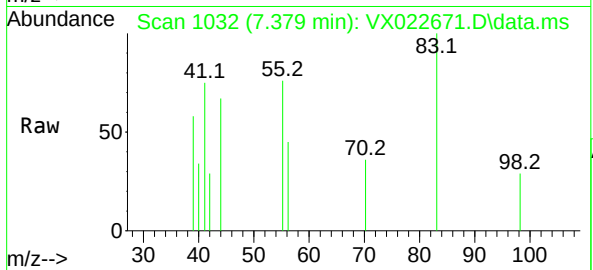
98 28.5 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

BUR-1048



#40

Benzene

Concen: 0.669 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.006 min

Lab File: VX022671.D

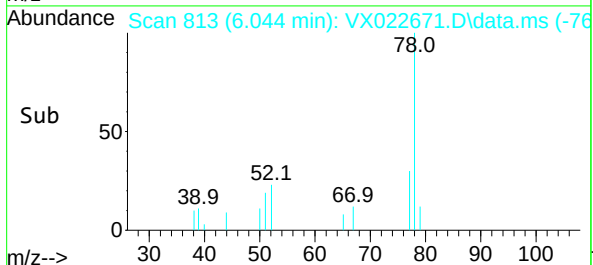
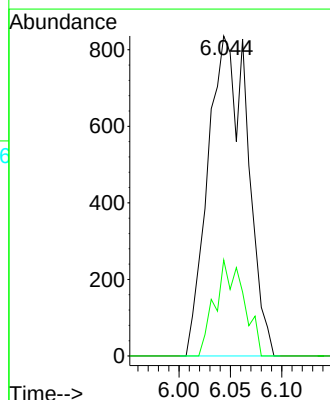
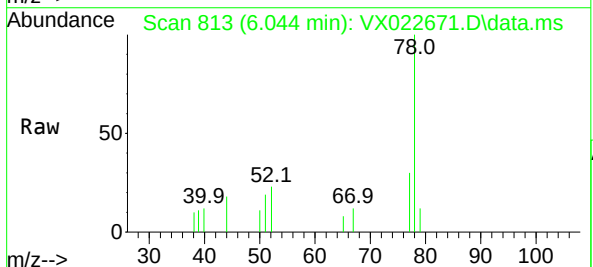
Acq: 11 Jun 2021 16:43

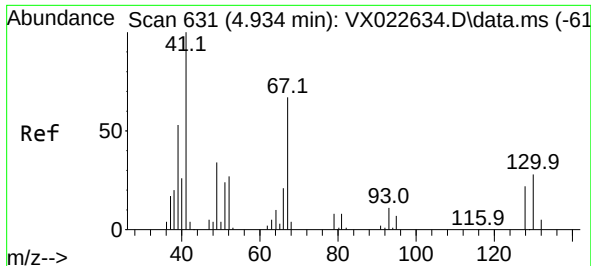
Tgt Ion: 78 Resp: 2235

Ion Ratio Lower Upper

78 100

77 30.0 18.9 28.3#

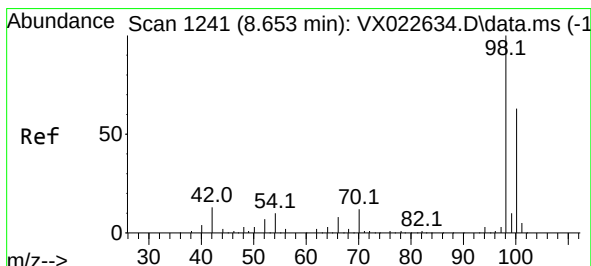
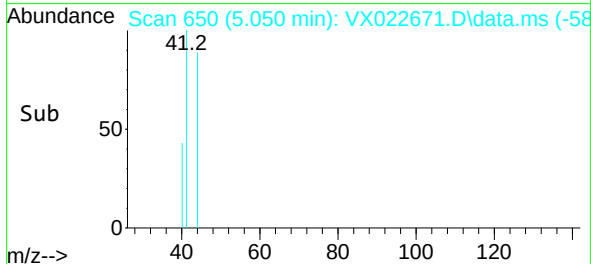
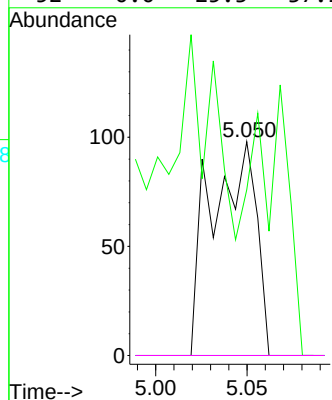
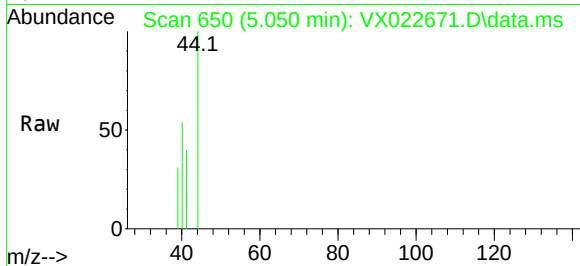




#41
Methacrylonitrile
Concen: 0.217 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.122 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

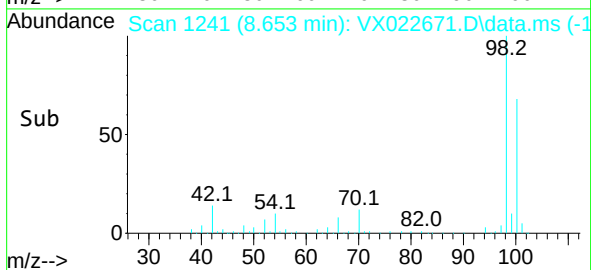
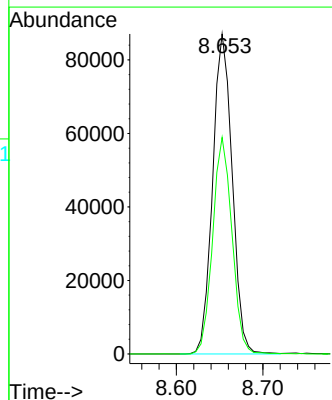
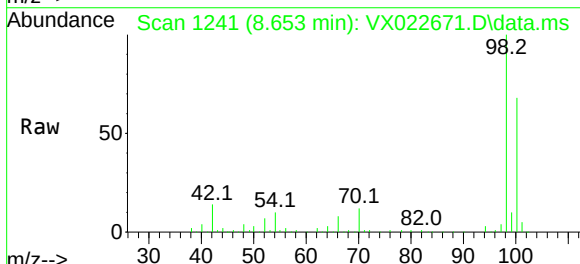
Instrument :
MSVOA_X
ClientSampleId :
BUR-1048

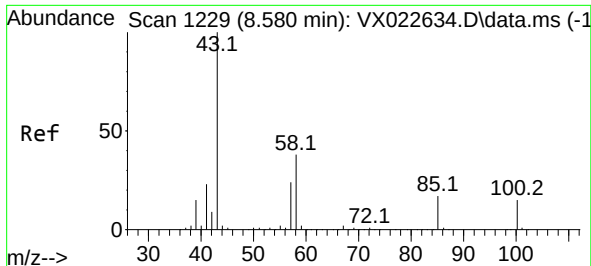
Tgt Ion:	41	Resp:	166
Ion	Ratio	Lower	Upper
41	100		
39	96.4	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#50
Toluene-d8
Concen: 48.136 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

Tgt Ion:	98	Resp:	136494
Ion	Ratio	Lower	Upper
98	100		
100	66.8	51.9	77.9

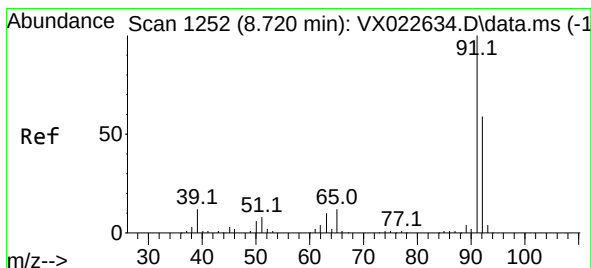
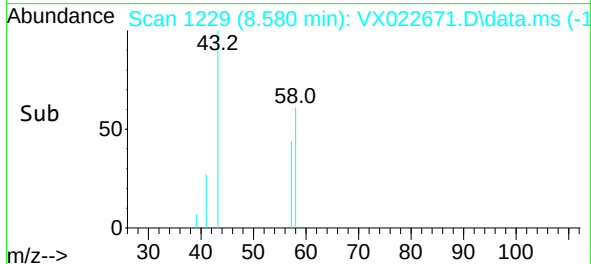
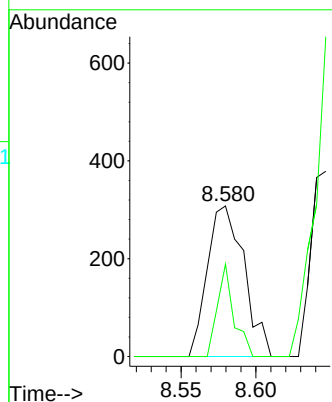
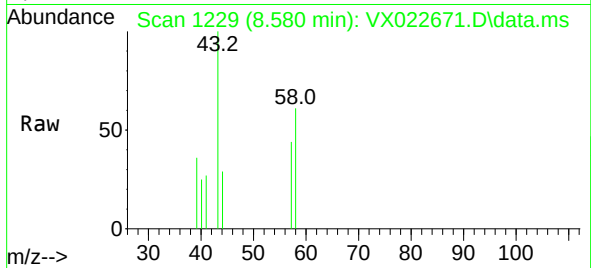




#51
4-Methyl-2-Pentanone
Concen: 0.367 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

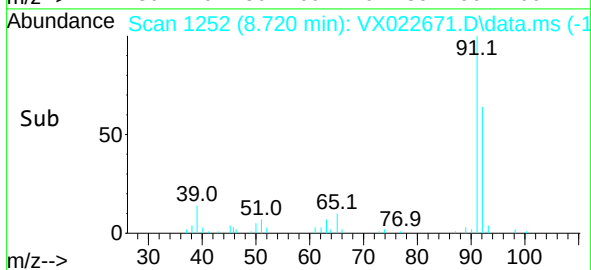
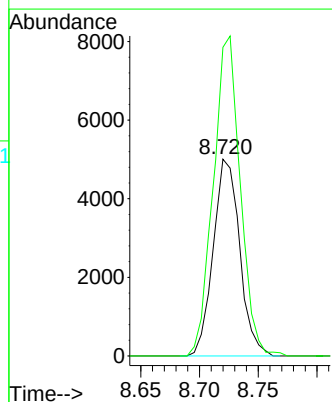
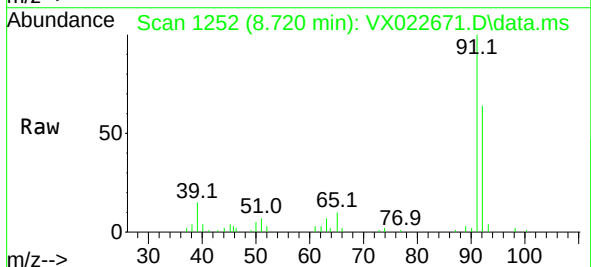
Instrument :
MSVOA_X
ClientSampled :
BUR-1048

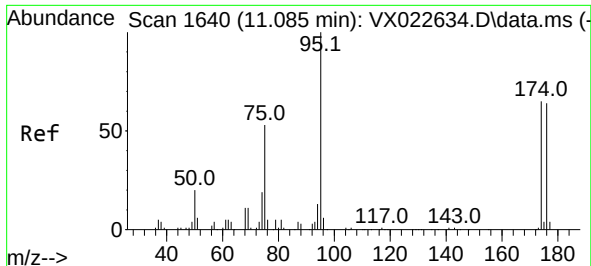
Tgt Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
58 27.2 35.4 53.0#



#52
Toluene
Concen: 3.772 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

Tgt Ion: 92 Resp: 7845
Ion Ratio Lower Upper
92 100
91 165.4 137.1 205.7

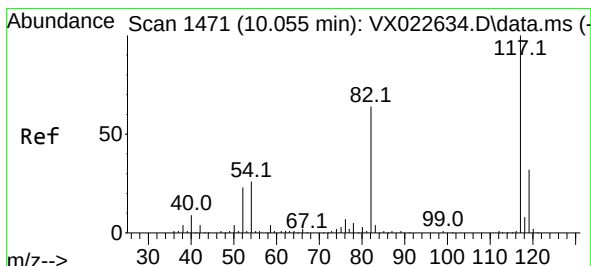
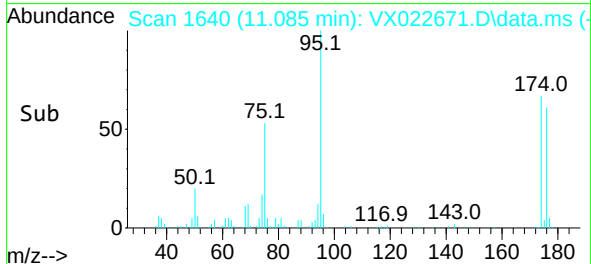
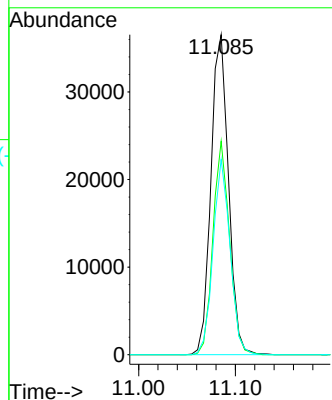
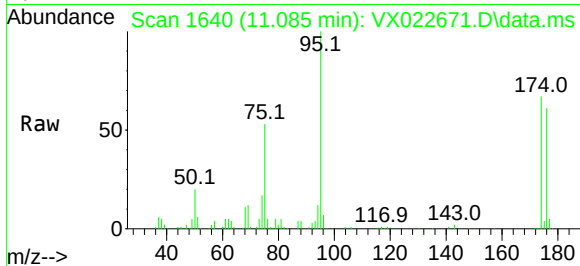




#62
4-Bromofluorobenzene
Concen: 43.009 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

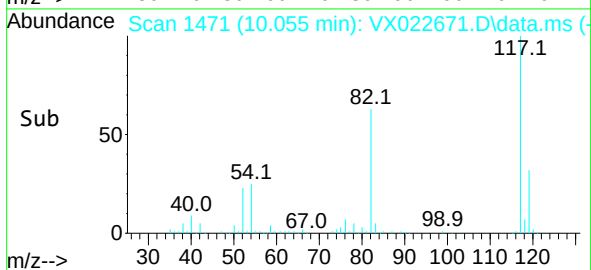
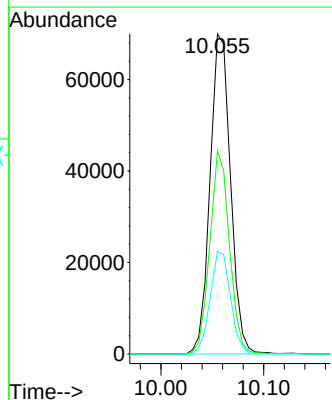
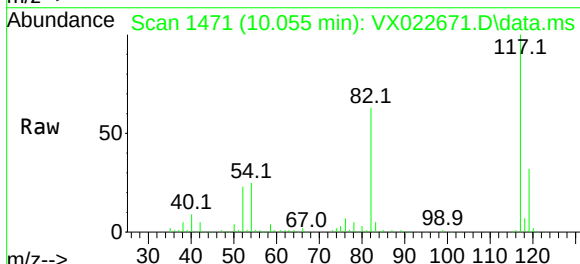
Instrument :
MSVOA_X
ClientSampleId :
BUR-1048

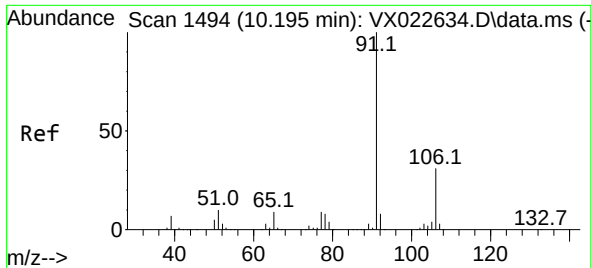
Tgt Ion:	95	Resp:	46124
Ion	Ratio	Lower	Upper
95	100		
174	63.1	0.0	154.6
176	59.0	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

Tgt Ion:	117	Resp:	96717
Ion	Ratio	Lower	Upper
117	100		
82	63.4	47.4	71.2
119	32.0	26.6	39.8

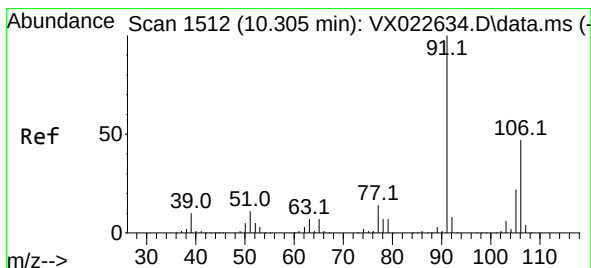
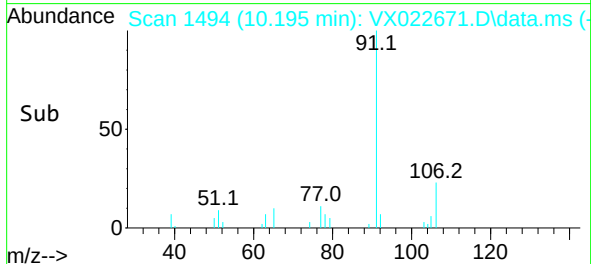
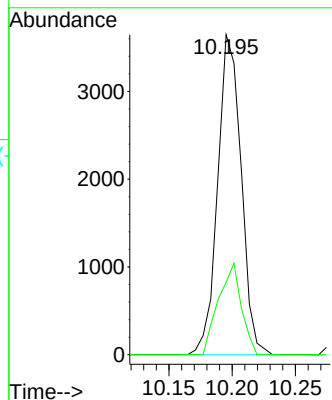
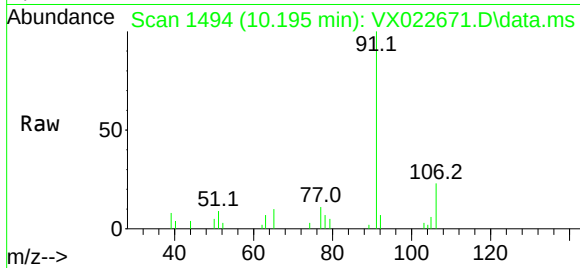




#67
Ethyl Benzene
Concen: 1.265 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

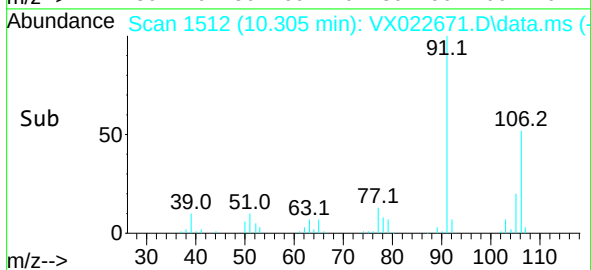
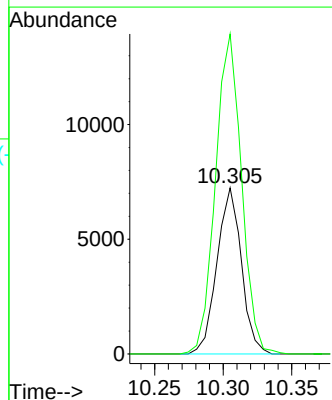
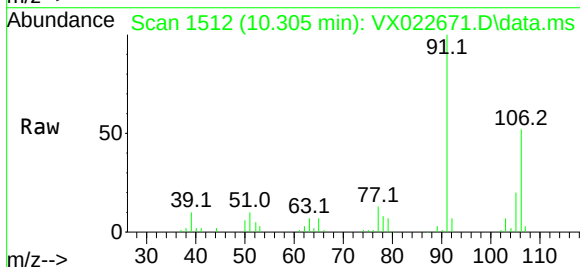
Instrument :
MSVOA_X
ClientSampleId :
BUR-1048

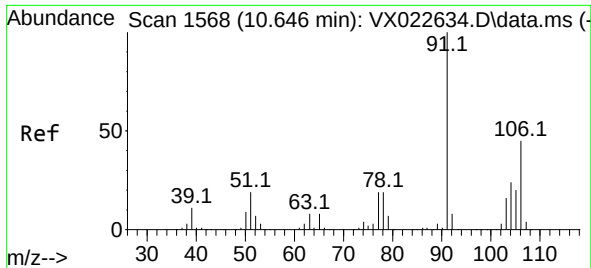
Tgt Ion: 91 Resp: 4695
Ion Ratio Lower Upper
91 100
106 22.6 24.6 37.0#



#68
m/p-Xylenes
Concen: 6.670 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

Tgt Ion: 106 Resp: 8965
Ion Ratio Lower Upper
106 100
91 205.5 162.8 244.2

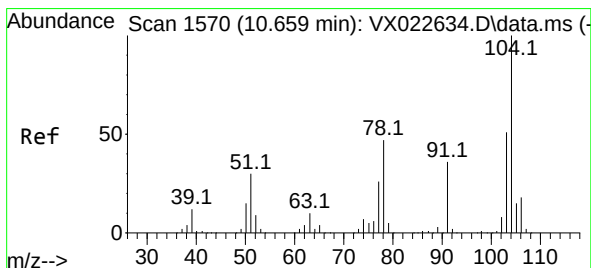
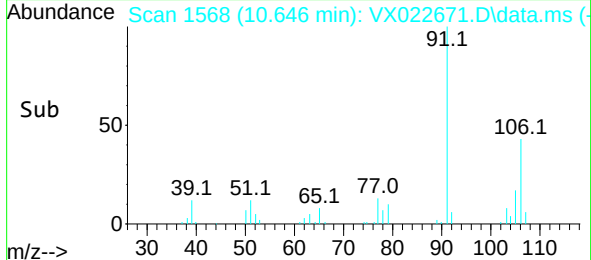
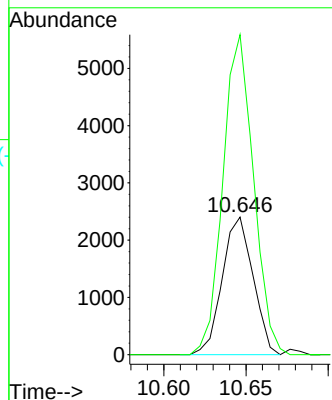
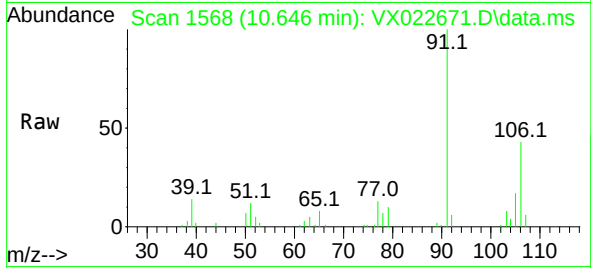




#69
o-Xylene
Concen: 2.410 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

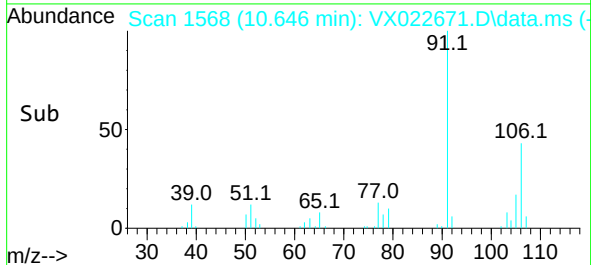
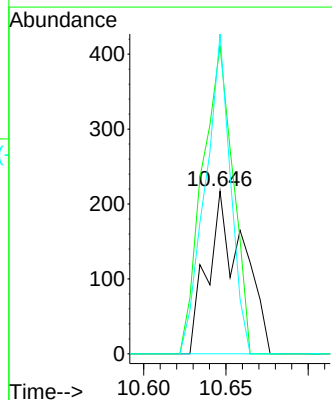
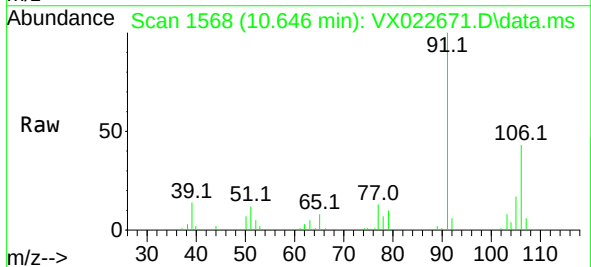
Instrument :
MSVOA_X
ClientSampled :
BUR-1048

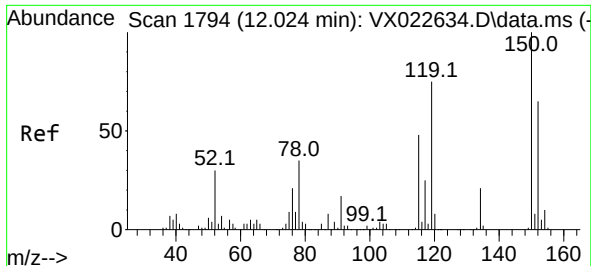
Tgt Ion:106 Resp: 3138
Ion Ratio Lower Upper
106 100
91 230.8 108.1 324.2



#70
Styrene
Concen: 1.586 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.013 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

Tgt Ion:104 Resp: 325
Ion Ratio Lower Upper
104 100
78 163.4 40.0 60.0#
103 139.7 43.4 65.0#

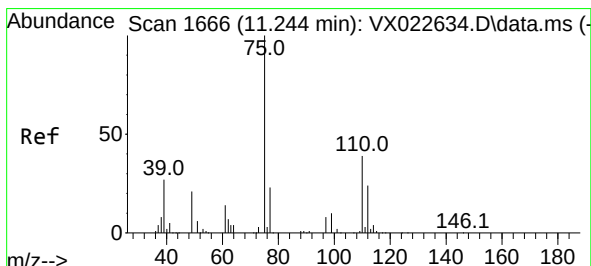
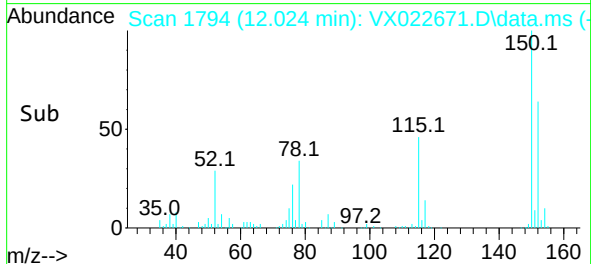
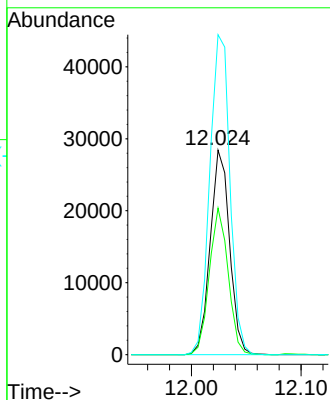
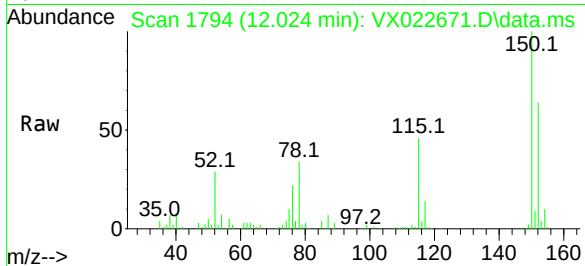




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022671.D
 Acq: 11 Jun 2021 16:43

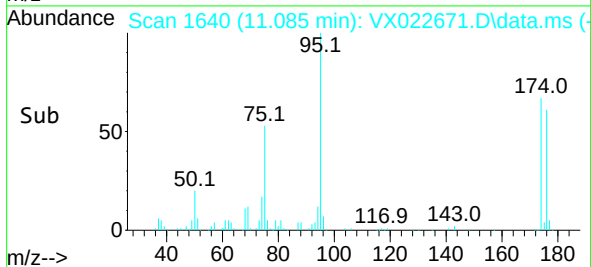
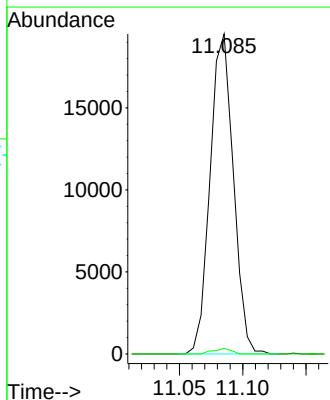
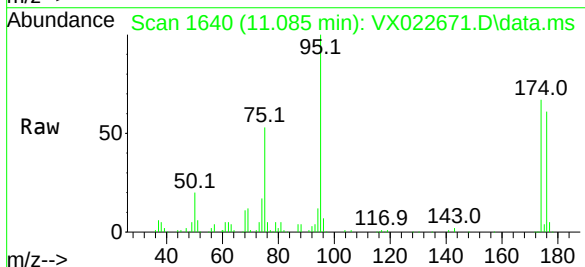
Instrument :
 MSVOA_X
 ClientSampled :
 BUR-1048

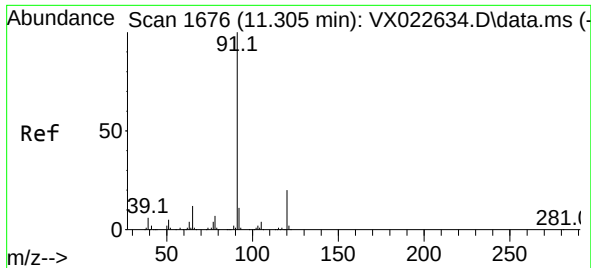
Tgt Ion:152 Resp: 34971
 Ion Ratio Lower Upper
 152 100
 115 69.5 41.1 123.3
 150 162.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.950 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022671.D
 Acq: 11 Jun 2021 16:43

Tgt Ion: 75 Resp: 24989
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

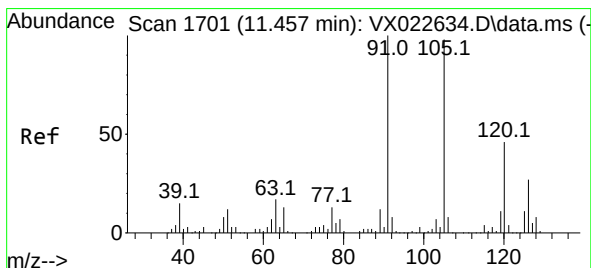
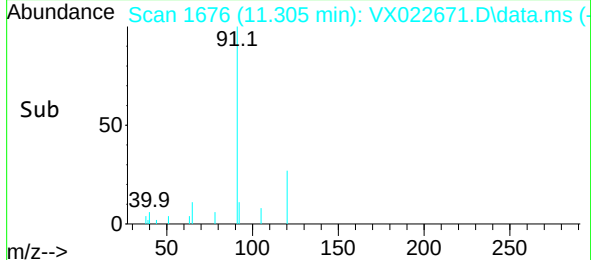
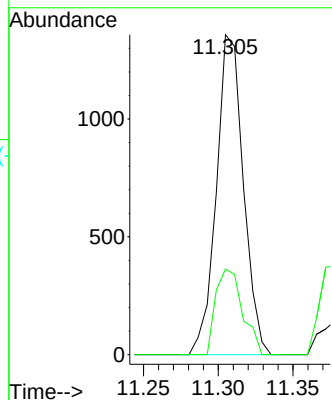
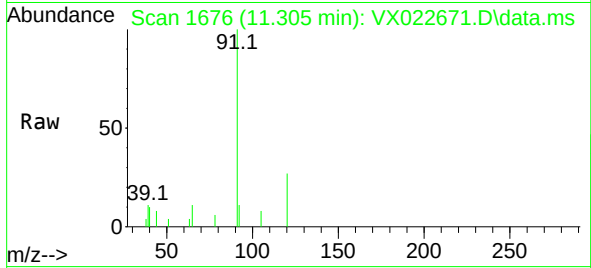




#78
n-propylbenzene
Concen: 0.492 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

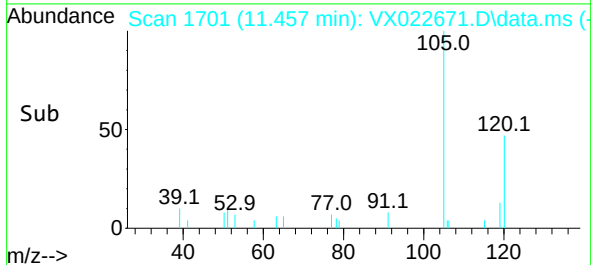
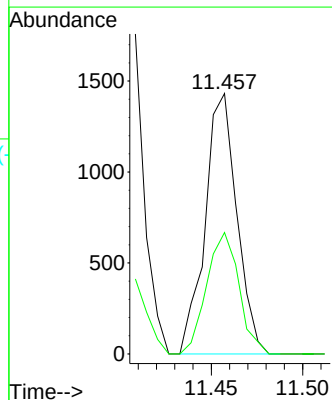
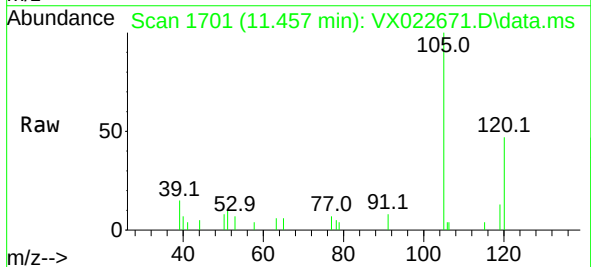
Instrument :
MSVOA_X
ClientSampleId :
BUR-1048

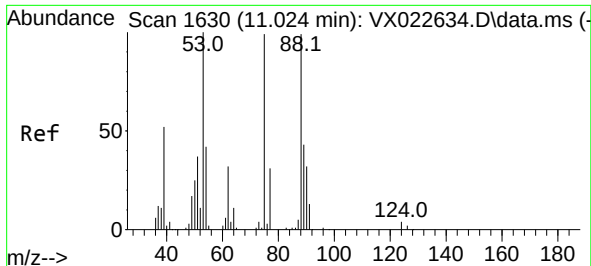
Tgt Ion: 91 Resp: 1706
Ion Ratio Lower Upper
91 100
120 26.6 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 0.724 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

Tgt Ion: 105 Resp: 1731
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5

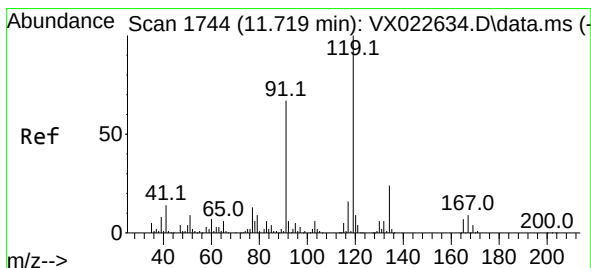
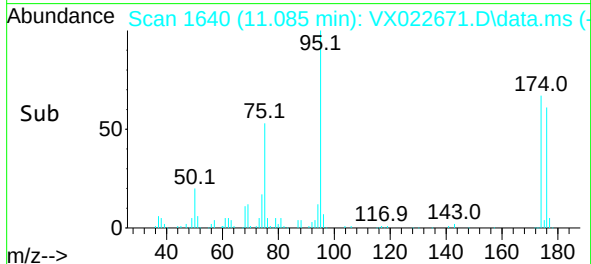
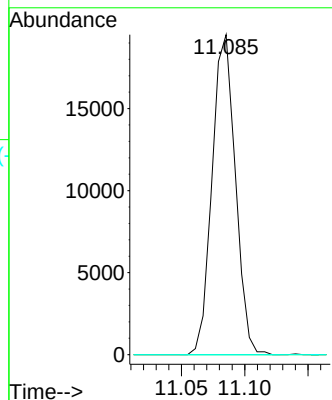
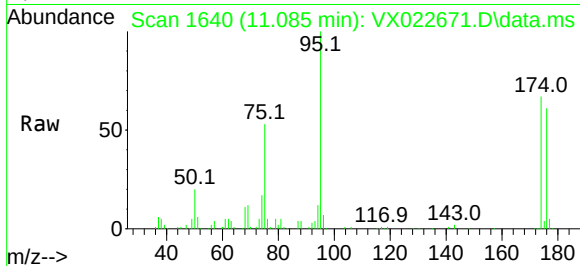




#81
trans-1,4-Dichloro-2-butene
Concen: 67.390 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

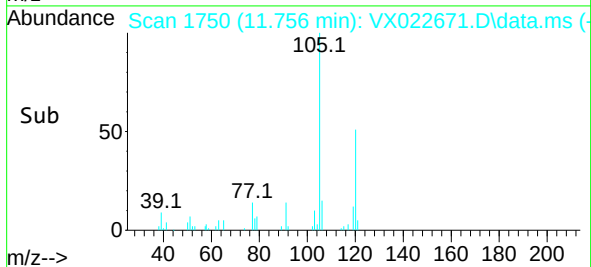
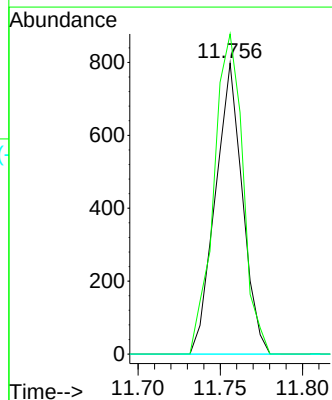
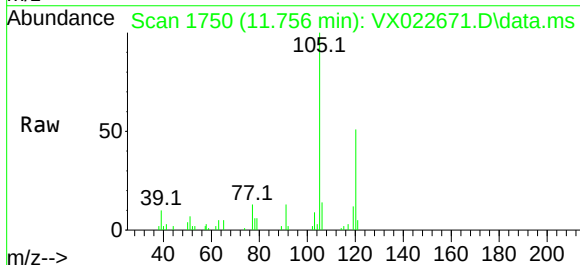
Instrument :
MSVOA_X
ClientSampleId :
BUR-1048

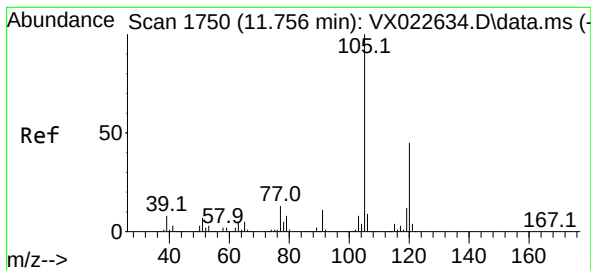
Tgt Ion: 75 Resp: 24989
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#83
tert-Butylbenzene
Concen: 0.408 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.037 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

Tgt Ion: 119 Resp: 916
Ion Ratio Lower Upper
119 100
91 117.8 27.9 83.7#
134 0.0 11.3 33.9#

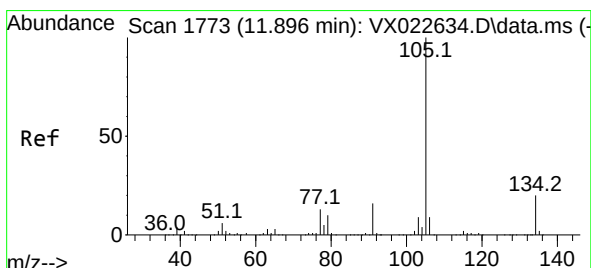
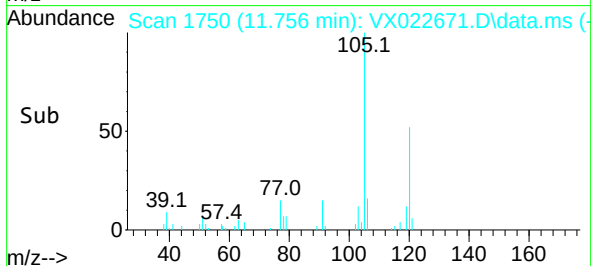
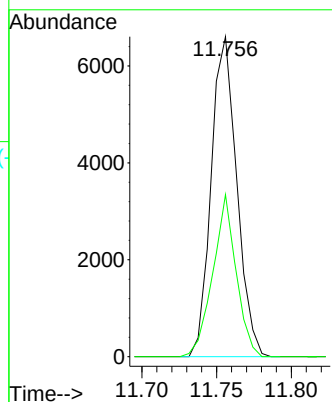
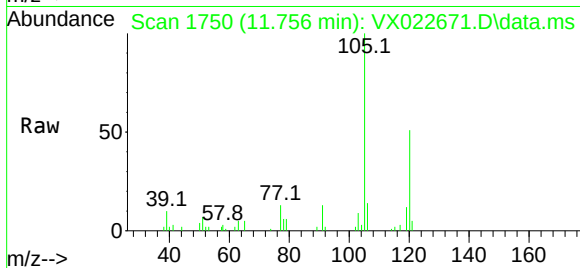




#84
1,2,4-Trimethylbenzene
Concen: 3.241 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

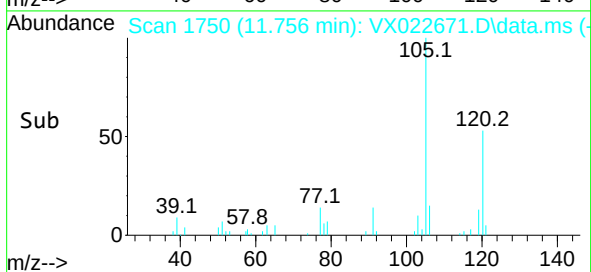
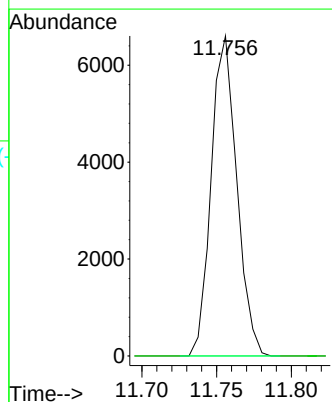
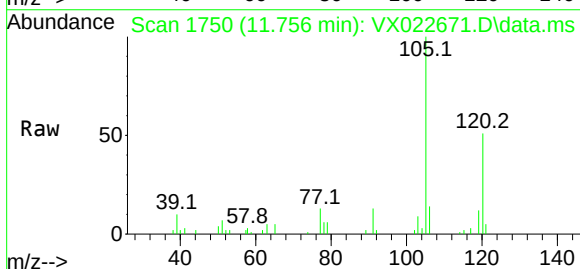
Instrument :
MSVOA_X
ClientSampleId :
BUR-1048

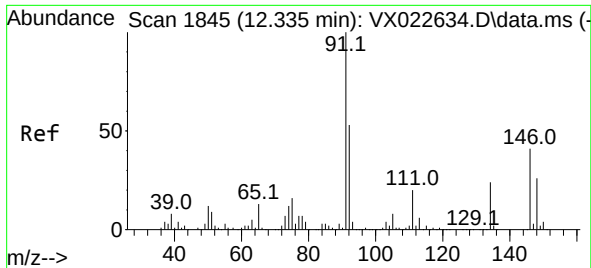
Tgt Ion:105 Resp: 7864
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.3



#85
sec-Butylbenzene
Concen: 2.680 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

Tgt Ion:105 Resp: 7864
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#

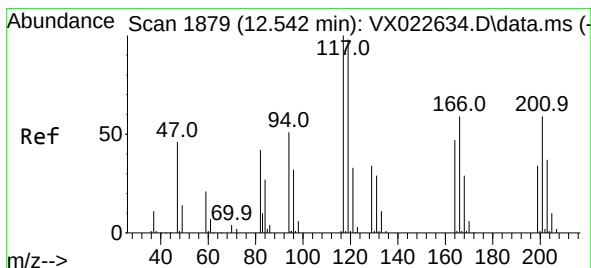
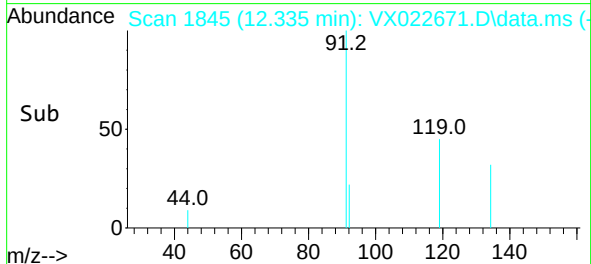
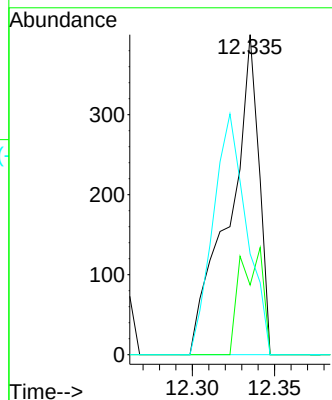
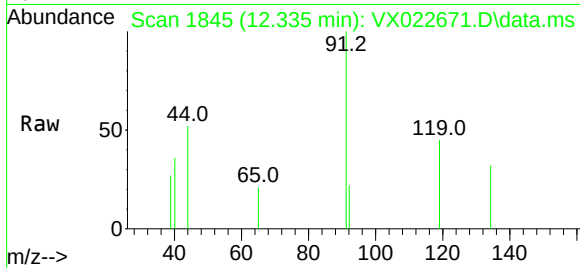




#89
n-Butylbenzene
Concen: 0.213 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

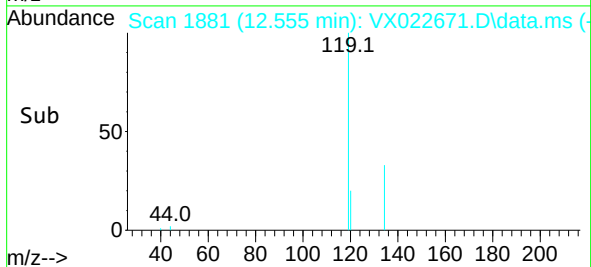
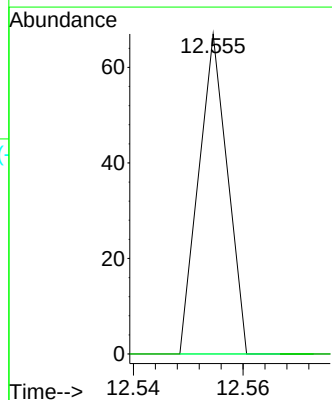
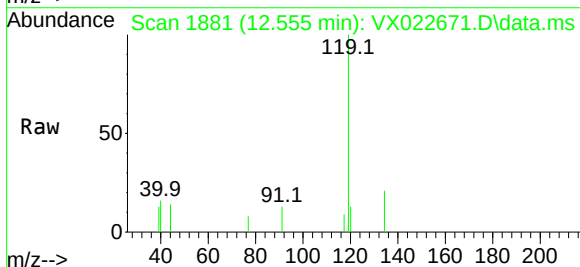
Instrument :
MSVOA_X
ClientSampled :
BUR-1048

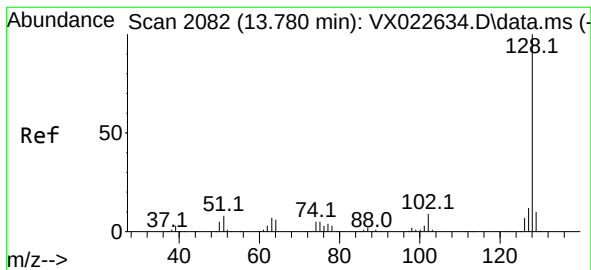
Tgt Ion: 91 Resp: 495
Ion Ratio Lower Upper
91 100
92 25.5 27.4 82.0#
134 86.3 13.2 39.5#



#90
Hexachloroethane
Concen: 3.728 ug/l
RT: 12.555 min Scan# 1881
Delta R.T. 0.013 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

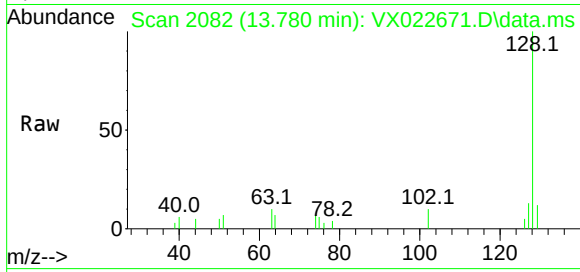
Tgt Ion: 117 Resp: 24
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#





#95
Naphthalene
Concen: 2.236 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022671.D
Acq: 11 Jun 2021 16:43

Instrument :
MSVOA_X
ClientSampleId :
BUR-1048



Tgt Ion:128 Resp: 2332
Ion Ratio Lower Upper
128 100
127 15.4 10.3 15.5
129 10.7 8.8 13.2

