

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028724.D
 Acq On : 16 May 2022 12:24
 Operator : JC/MD
 Sample : N2813-05 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1149

Quant Time: May 17 03:34:09 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)

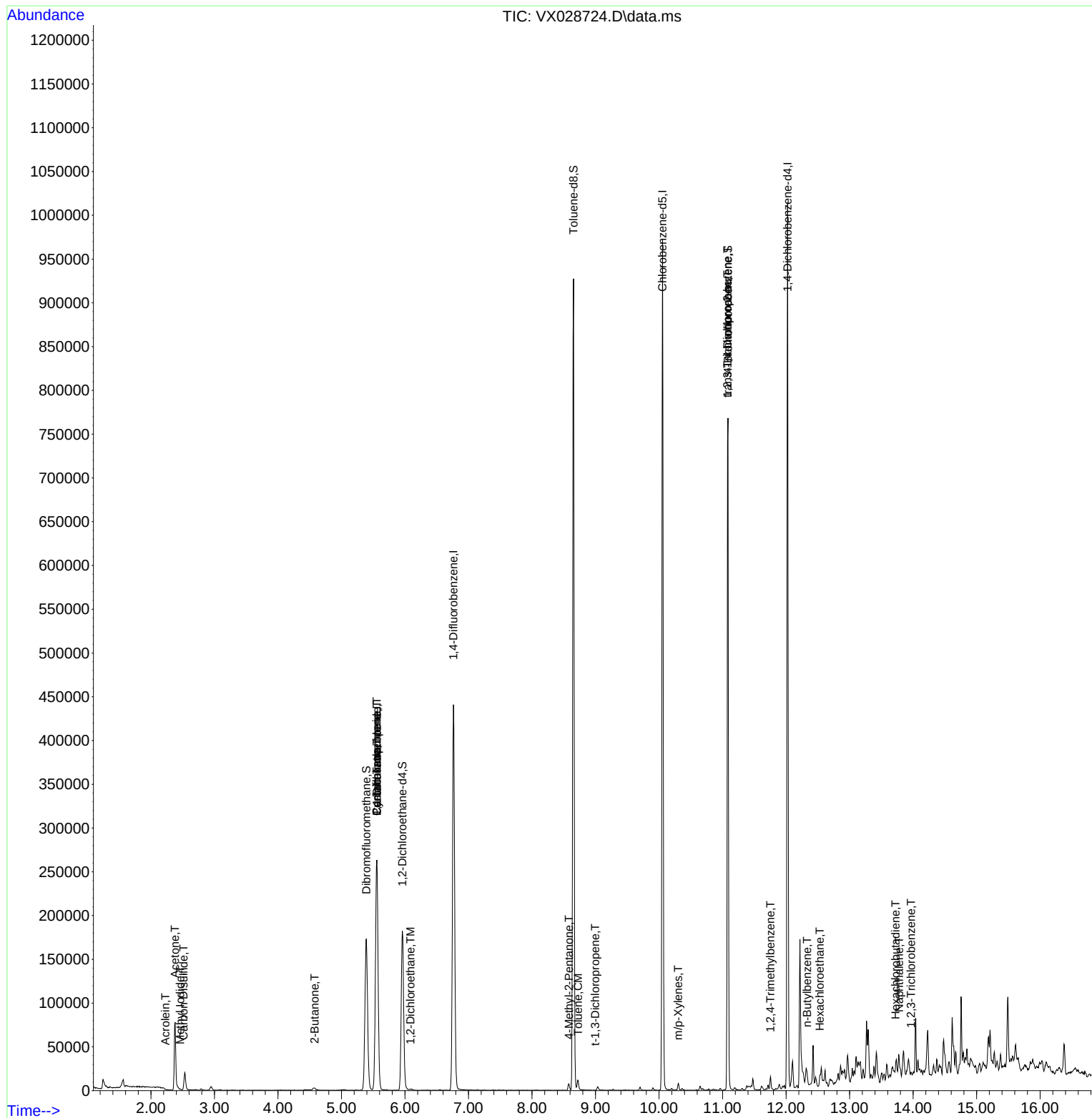
Internal Standards						
1) Pentafluorobenzene	5.556	168	242345	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	443597	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172408	51.899	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.800%	
35) Dibromofluoromethane	5.391	113	149444	51.419	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.840%	
50) Toluene-d8	8.653	98	536188	48.933	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.860%	
62) 4-Bromofluorobenzene	11.085	95	199095	48.646	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.300%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	795	Below Cal		91
6) Chloroethane	1.684	64	298	Below Cal	#	61
10) Methyl Iodide	2.459	142	1008	0.312	ug/l #	85
11) Tert butyl alcohol	2.940	59	2673	Below Cal	#	76
13) Acrolein	2.227	56	131	0.240	ug/l	96
16) Acetone	2.379	43	81106	56.888	ug/l	95
17) Carbon Disulfide	2.513	76	1582	0.243	ug/l	100
25) 2-Butanone	4.574	43	3862	1.726	ug/l	90
31) Cyclohexane	5.556	56	5844	1.267	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	20876	4.782	ug/l #	50
38) Carbon Tetrachloride	5.556	117	26451	6.021	ug/l #	15
42) 1,2-Dichloroethane	6.086	62	1139	0.246	ug/l #	73
51) 4-Methyl-2-Pentanone	8.579	43	4910	1.045	ug/l #	86
52) Toluene	8.726	92	4241	0.525	ug/l	100
53) t-1,3-Dichloropropene	8.994	75	34	1.647	ug/l #	43
68) m/p-Xylenes	10.299	106	1874	0.299	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	107736	23.822	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	107736	69.435	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	6150	0.503	ug/l	97
89) n-Butylbenzene	12.329	91	3430	0.324	ug/l #	52
90) Hexachloroethane	12.530	117	906	0.458	ug/l #	10
94) Hexachlorobutadiene	13.725	225	566	0.361	ug/l	88
95) Naphthalene	13.780	128	13596	0.991	ug/l	96
96) 1,2,3-Trichlorobenzene	13.969	180	842	0.217	ug/l #	52

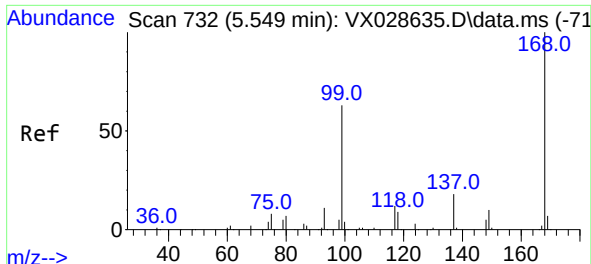
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

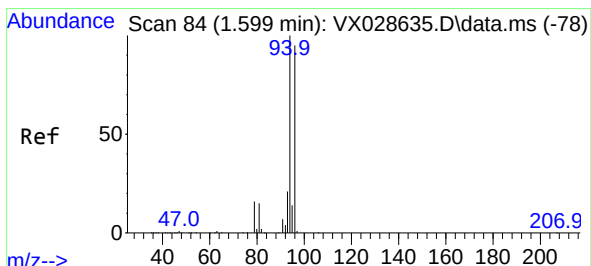
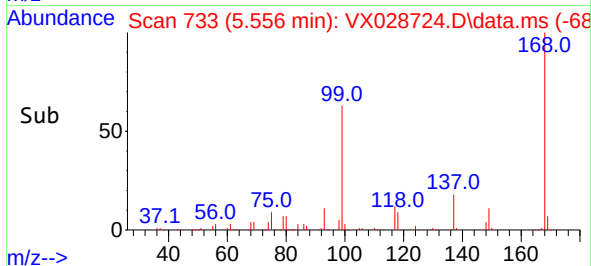
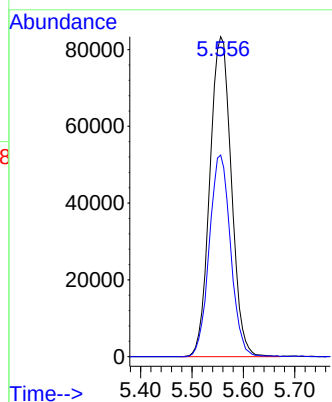
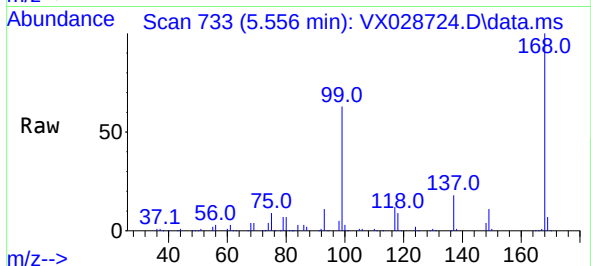




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

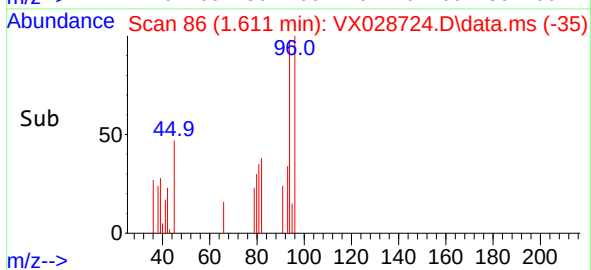
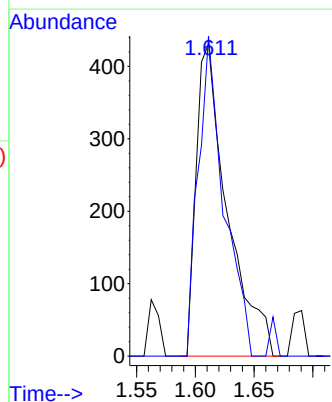
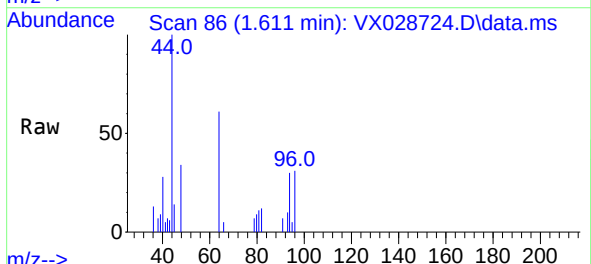
Instrument :
MSVOA_X
ClientSampleId :
BUR-1149

Tgt Ion:168 Resp: 242345
Ion Ratio Lower Upper
168 100
99 63.0 41.7 62.5#

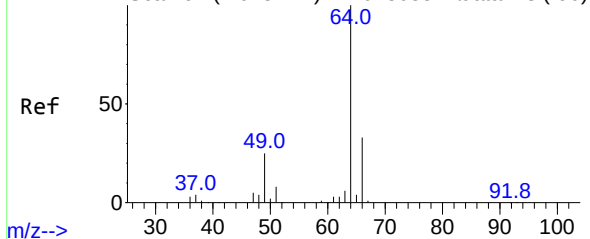


#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

Tgt Ion: 94 Resp: 795
Ion Ratio Lower Upper
94 100
96 102.6 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)

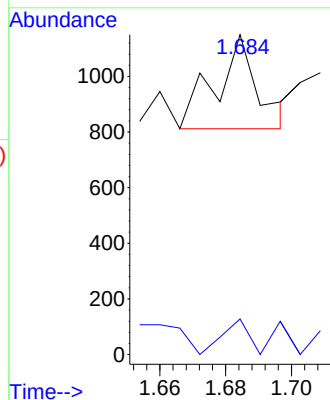
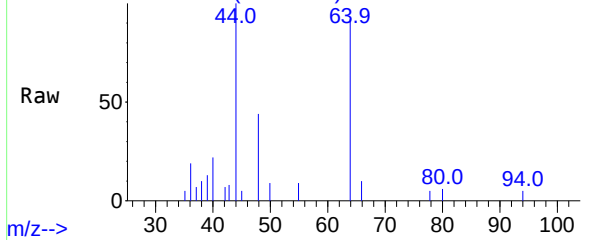


#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

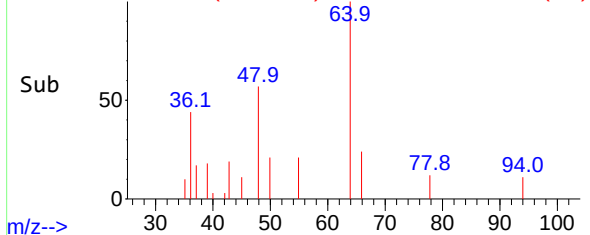
Instrument :
MSVOA_X
ClientSampleId :
BUR-1149

Tgt Ion: 64 Resp: 298
Ion Ratio Lower Upper
64 100
66 9.8 25.3 37.9#

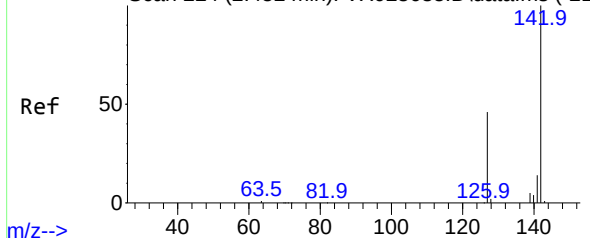
Abundance Scan 98 (1.684 min): VX028724.D\data.ms



Abundance Scan 98 (1.684 min): VX028724.D\data.ms (-48)



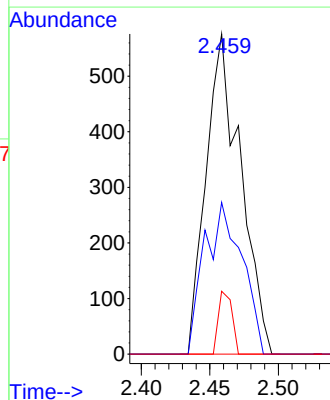
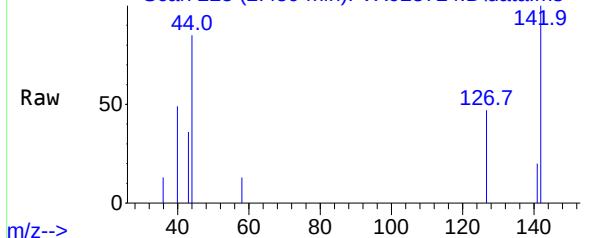
Abundance Scan 224 (2.452 min): VX028635.D\data.ms (-21)



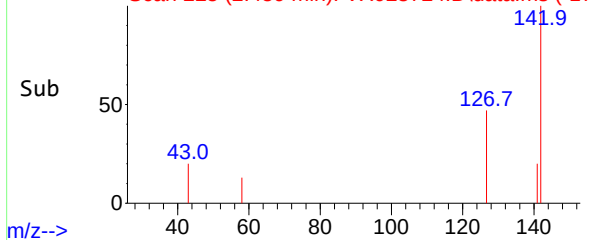
#10
Methyl Iodide
Concen: 0.312 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.007 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

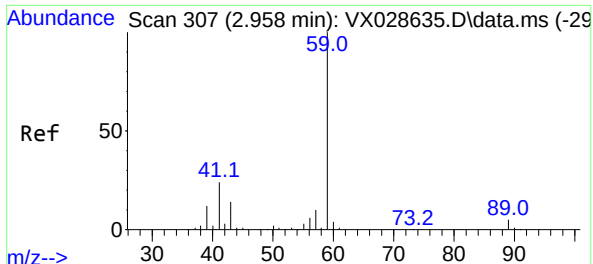
Tgt Ion: 142 Resp: 1008
Ion Ratio Lower Upper
142 100
127 51.5 33.9 50.9#
141 7.6 11.4 17.2#

Abundance Scan 225 (2.459 min): VX028724.D\data.ms



Abundance Scan 225 (2.459 min): VX028724.D\data.ms (-17)

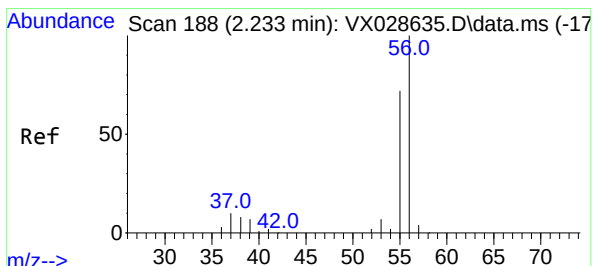
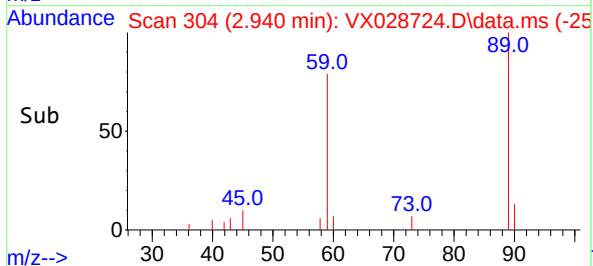
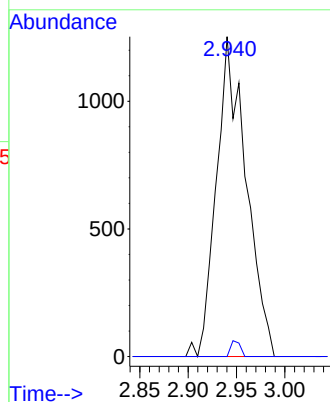
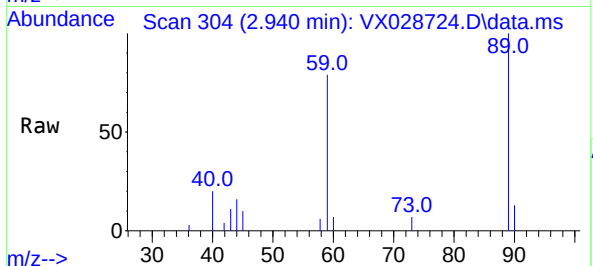




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

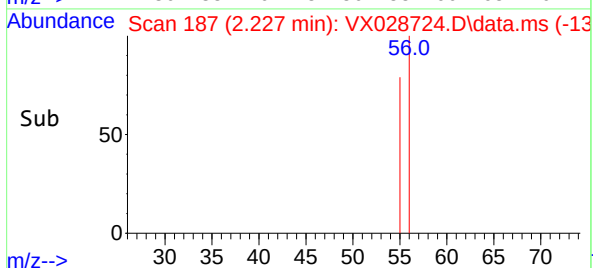
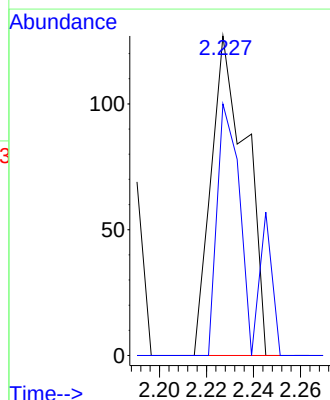
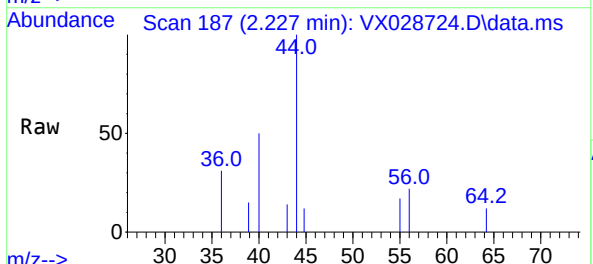
Instrument :
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BUR-1149

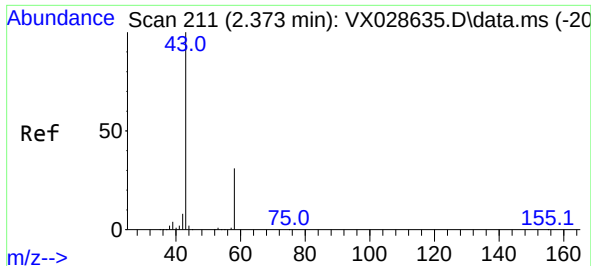
Tgt Ion: 59 Resp: 2673
Ion Ratio Lower Upper
59 100
57 1.6 8.3 12.5#



#13
Acrolein
Concen: 0.240 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

Tgt Ion: 56 Resp: 131
Ion Ratio Lower Upper
56 100
55 65.6 55.0 82.6

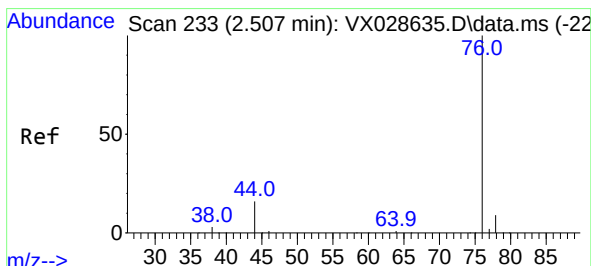
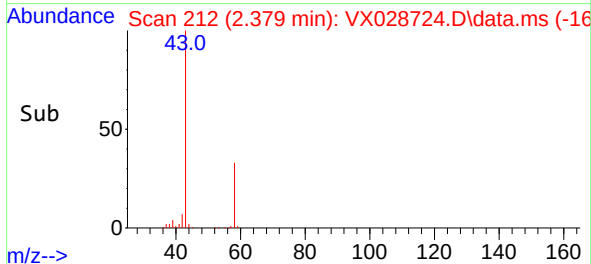
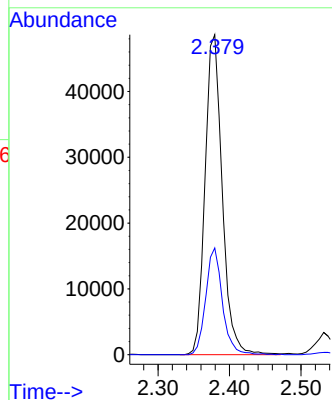
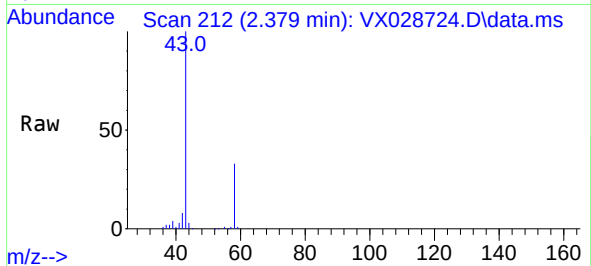




#16
Acetone
Concen: 56.888 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

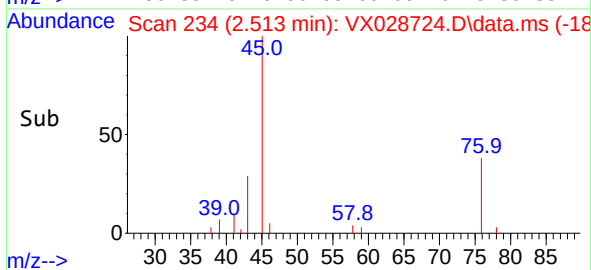
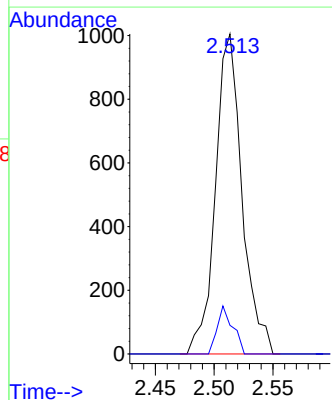
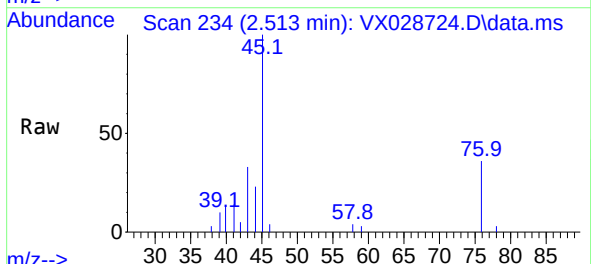
Instrument :
MSVOA_X
ClientSampleId :
BUR-1149

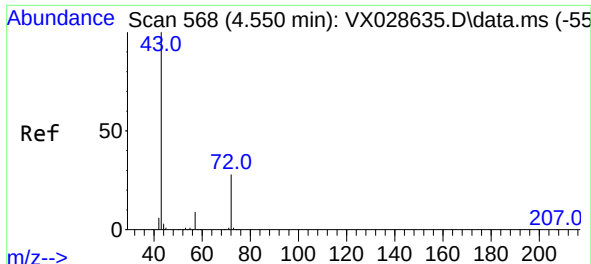
Tgt Ion: 43 Resp: 81106
Ion Ratio Lower Upper
43 100
58 33.4 28.8 43.2



#17
Carbon Disulfide
Concen: 0.243 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

Tgt Ion: 76 Resp: 1582
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8





#25

2-Butanone

Concen: 1.726 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX028724.D

Acq: 16 May 2022 12:24

Instrument :

MSVOA_X

ClientSampleId :

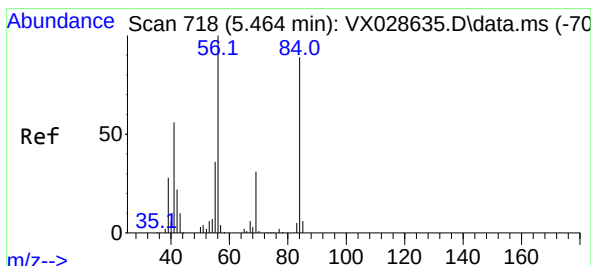
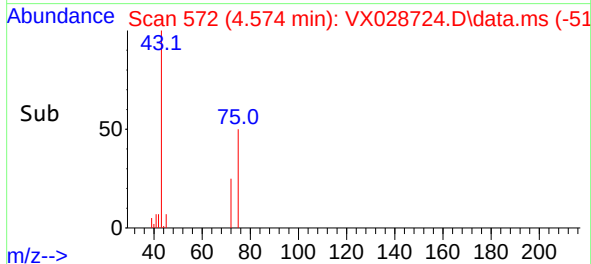
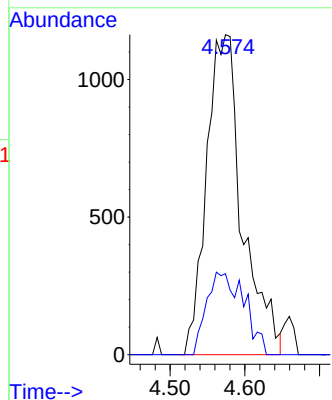
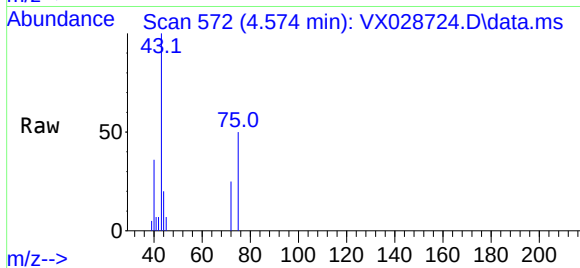
BUR-1149

Tgt Ion: 43 Resp: 3862

Ion Ratio Lower Upper

43 100

72 25.3 24.4 36.6



#31

Cyclohexane

Concen: 1.267 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX028724.D

Acq: 16 May 2022 12:24

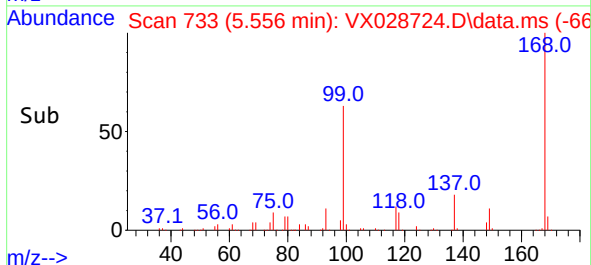
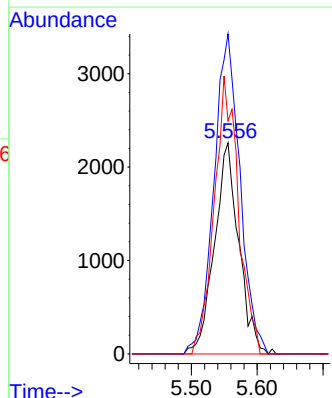
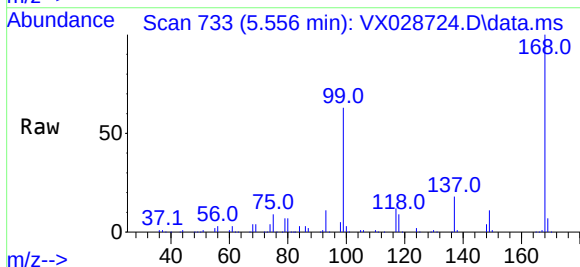
Tgt Ion: 56 Resp: 5844

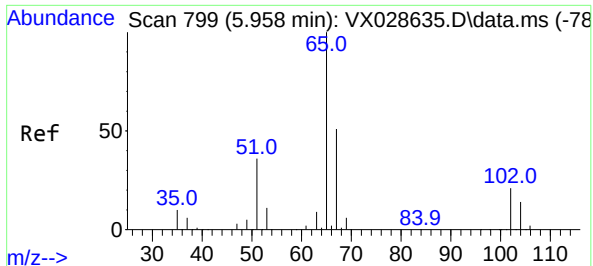
Ion Ratio Lower Upper

56 100

69 151.6 26.7 40.1#

84 110.5 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 51.899 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028724.D

Acq: 16 May 2022 12:24

Instrument :

MSVOA_X

ClientSampleId :

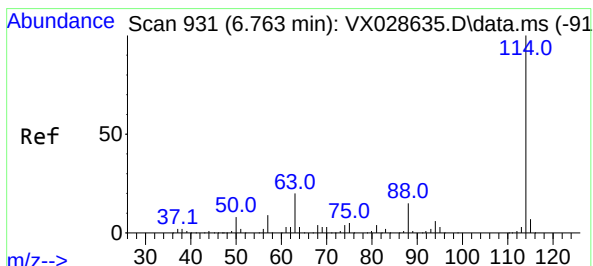
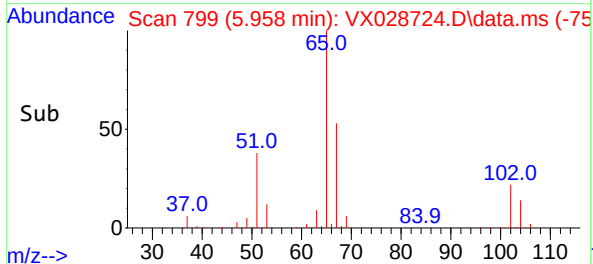
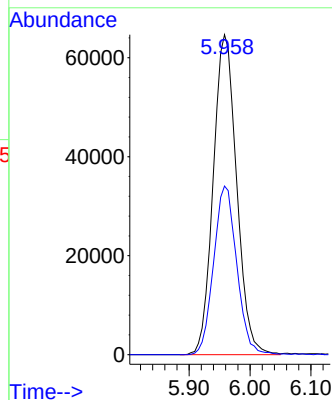
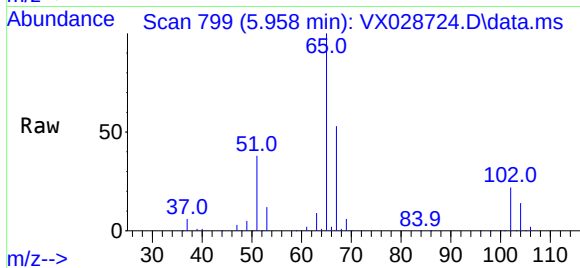
BUR-1149

Tgt Ion: 65 Resp: 172408

Ion Ratio Lower Upper

65 100

67 52.1 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: VX028724.D

Acq: 16 May 2022 12:24

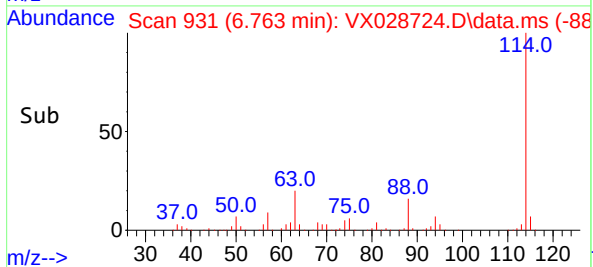
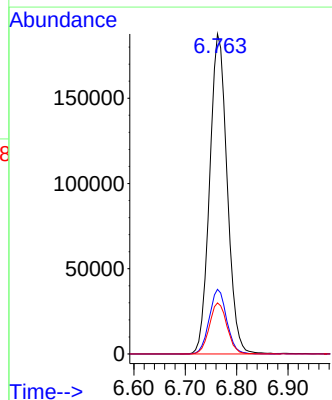
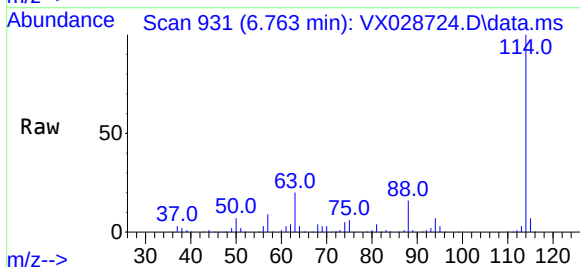
Tgt Ion: 114 Resp: 443597

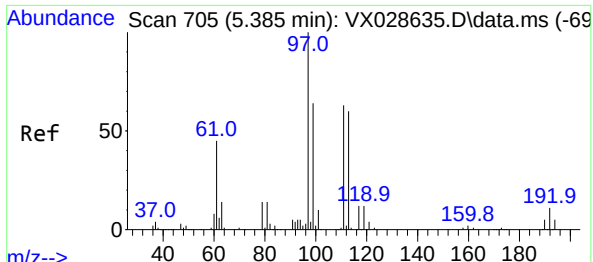
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

88 15.9 0.0 32.4

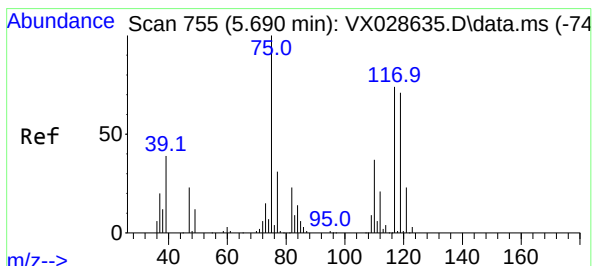
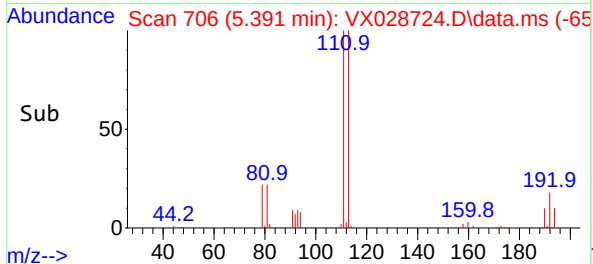
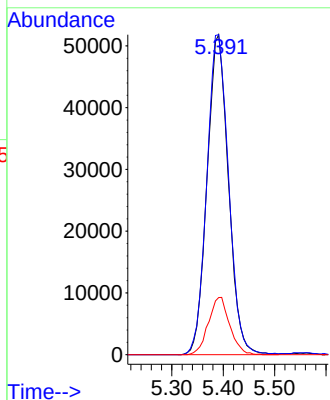
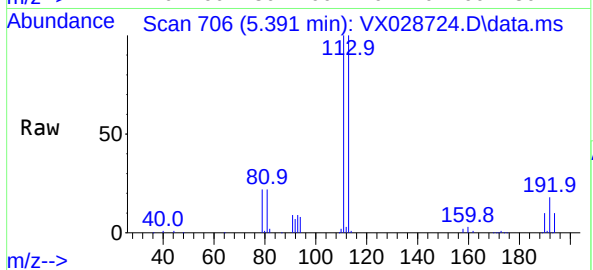




#35
Dibromofluoromethane
Concen: 51.419 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

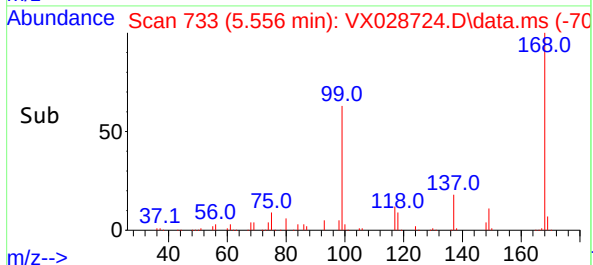
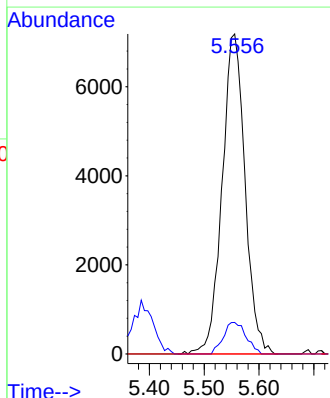
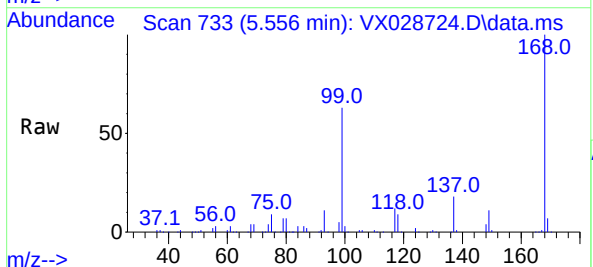
Instrument :
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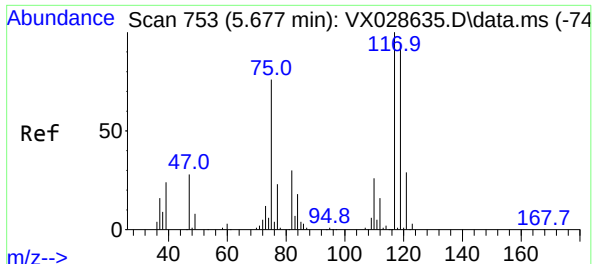
Tgt Ion:113 Resp: 149444
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 17.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.782 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

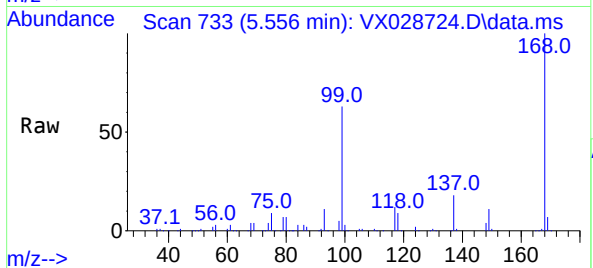
Tgt Ion: 75 Resp: 20876
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



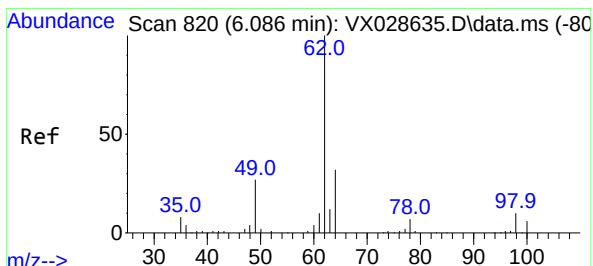
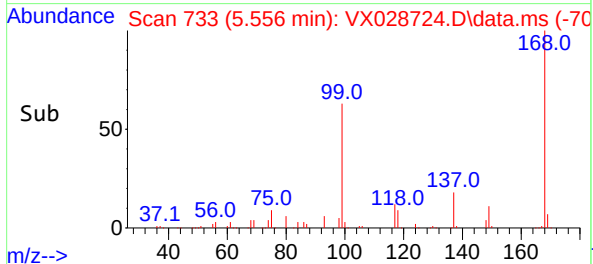
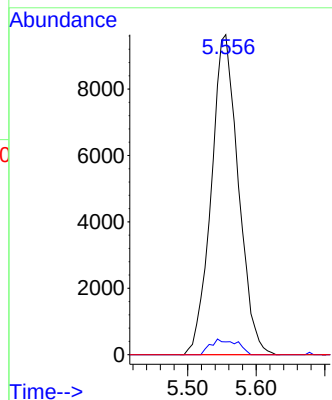


#38
Carbon Tetrachloride
Concen: 6.021 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

Instrument :
MSVOA_X
ClientSampleId :
BUR-1149

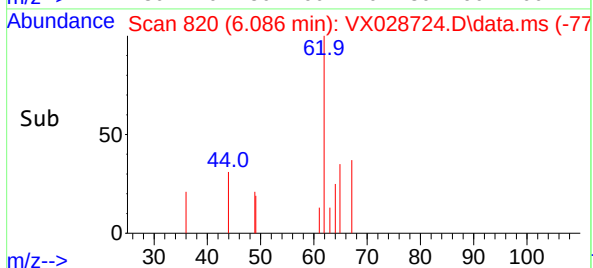
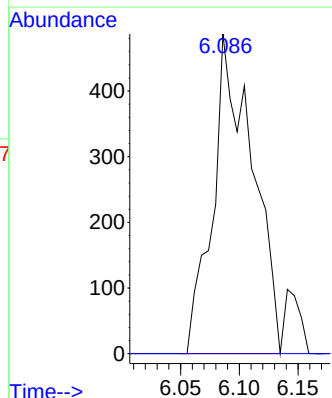
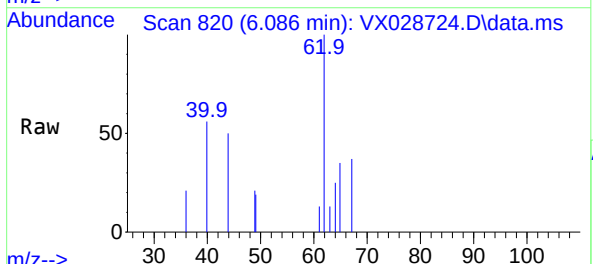


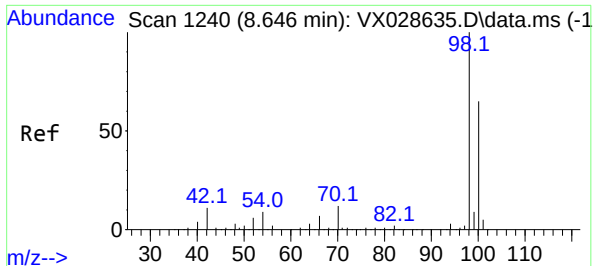
Tgt Ion:117 Resp: 26451
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#



#42
1,2-Dichloroethane
Concen: 0.246 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

Tgt Ion: 62 Resp: 1139
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.4

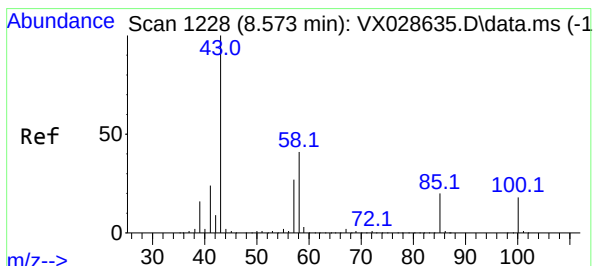
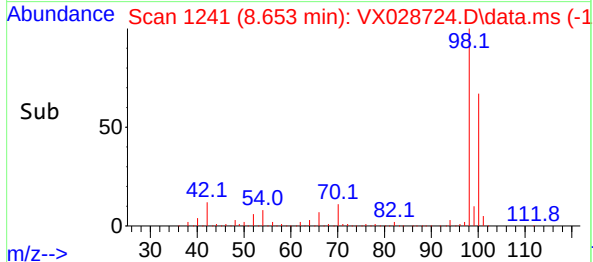
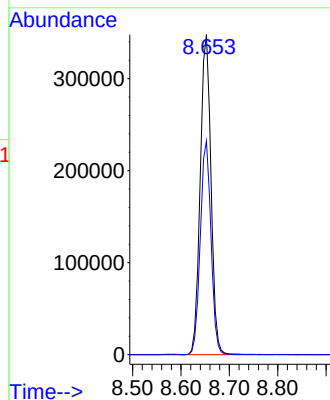
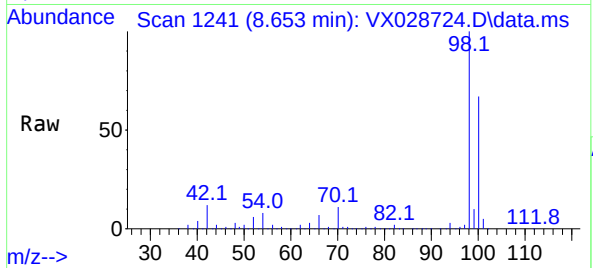




#50
Toluene-d8
Concen: 48.933 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

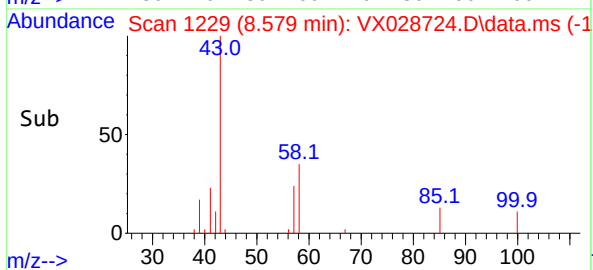
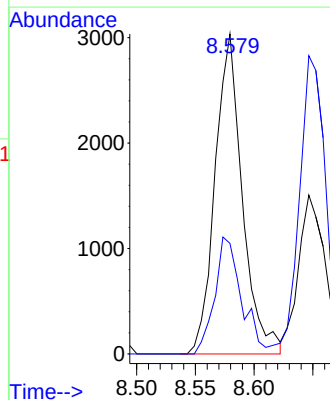
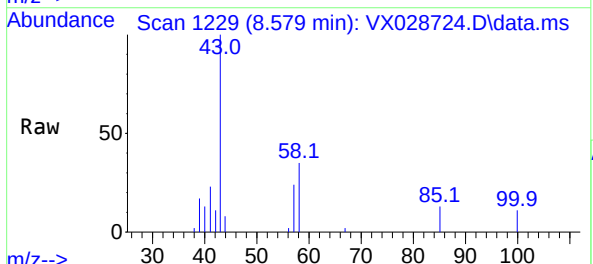
Instrument :
MSVOA_X
ClientSampleId :
BUR-1149

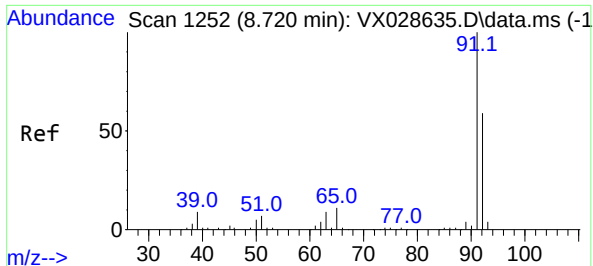
Tgt Ion: 98 Resp: 536188
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.045 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

Tgt Ion: 43 Resp: 4910
Ion Ratio Lower Upper
43 100
58 35.7 36.1 54.1#





#52

Toluene

Concen: 0.525 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX028724.D

Acq: 16 May 2022 12:24

Instrument :

MSVOA_X

ClientSampleId :

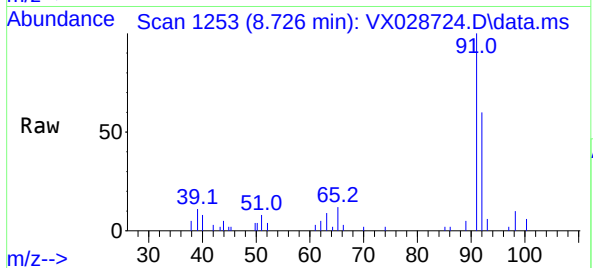
BUR-1149

Tgt Ion: 92 Resp: 4241

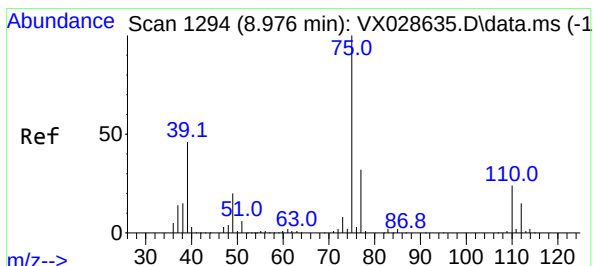
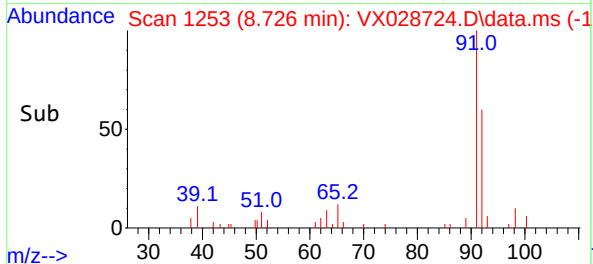
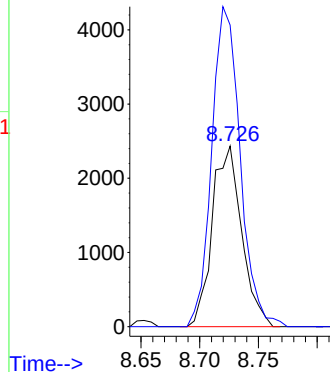
Ion Ratio Lower Upper

92 100

91 171.5 137.5 206.3



Abundance



#53

t-1,3-Dichloropropene

Concen: 1.647 ug/l

RT: 8.994 min Scan# 1297

Delta R.T. 0.018 min

Lab File: VX028724.D

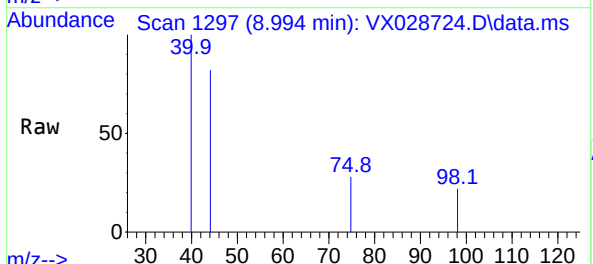
Acq: 16 May 2022 12:24

Tgt Ion: 75 Resp: 34

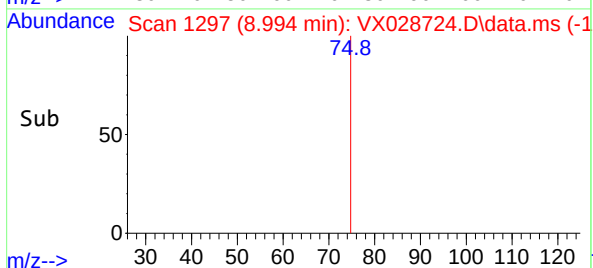
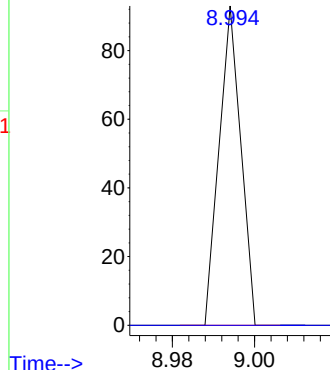
Ion Ratio Lower Upper

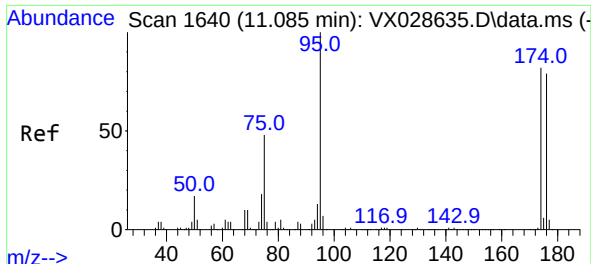
75 100

77 0.0 25.4 38.0#



Abundance

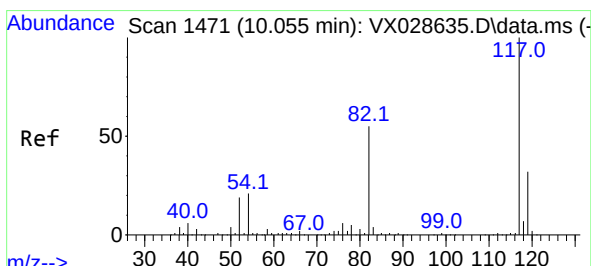
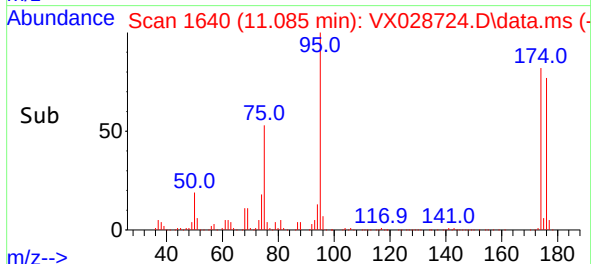
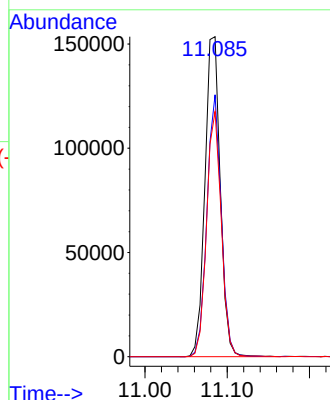
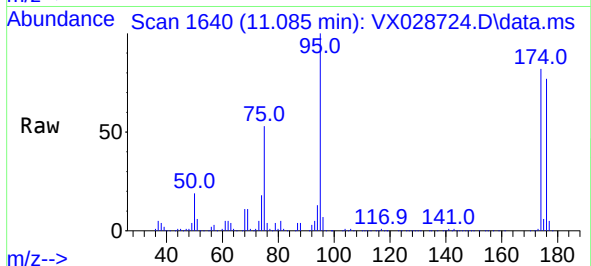




#62
4-Bromofluorobenzene
Concen: 48.646 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

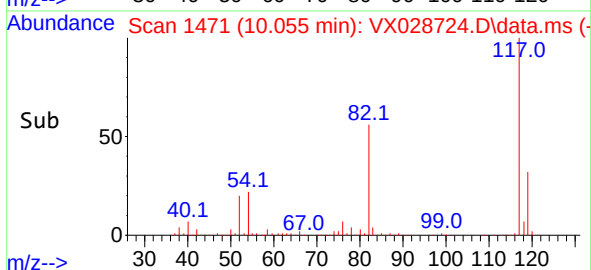
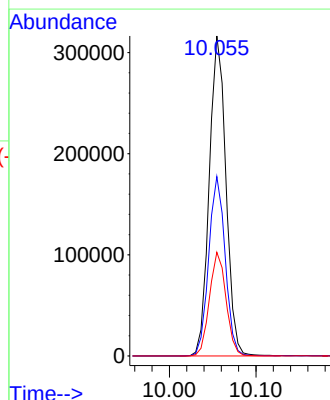
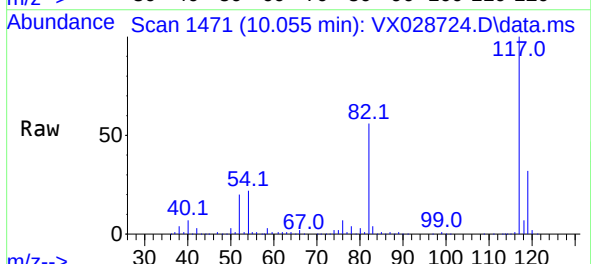
Instrument :
MSVOA_X
ClientSampleId :
BUR-1149

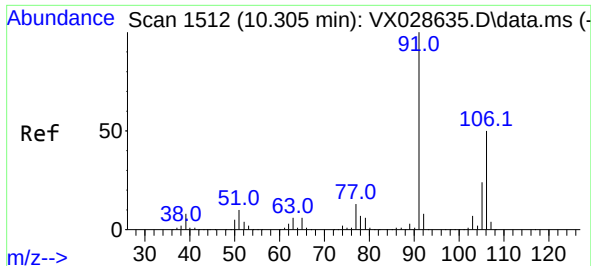
Tgt Ion: 95 Resp: 199095
Ion Ratio Lower Upper
95 100
174 76.6 0.0 163.0
176 73.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

Tgt Ion: 117 Resp: 423707
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 32.4 24.8 37.2

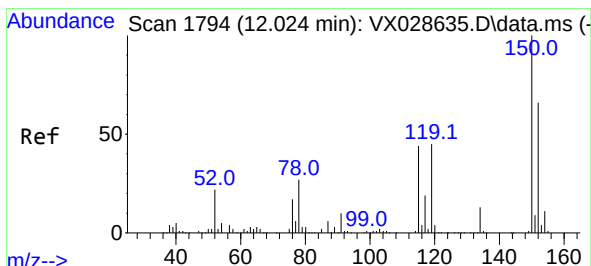
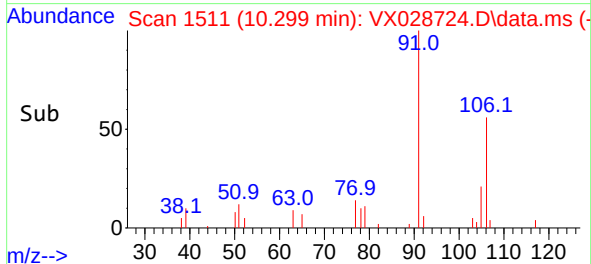
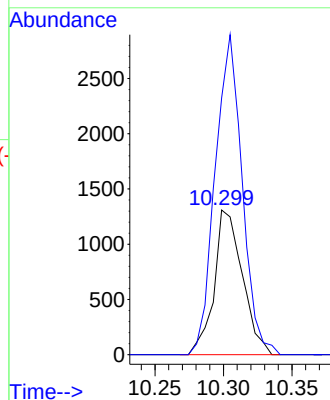
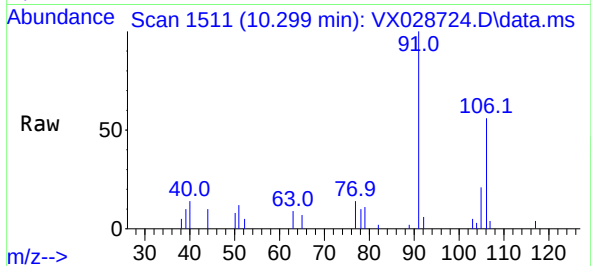




#68
m/p-Xylenes
Concen: 0.299 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

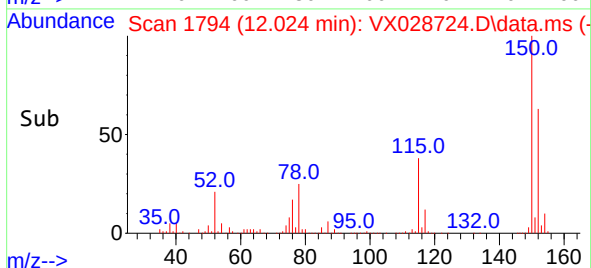
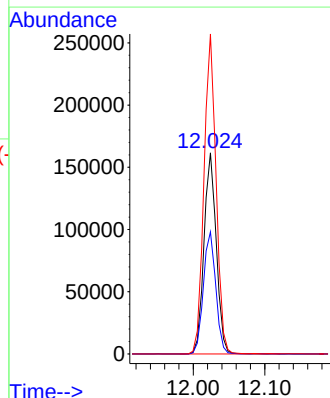
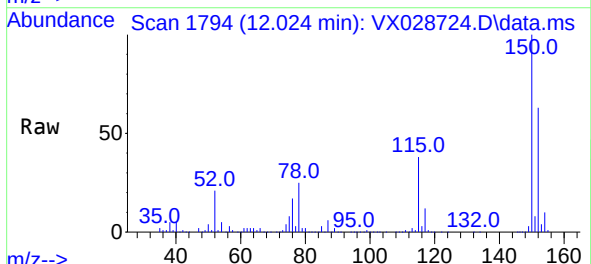
Instrument :
MSVOA_X
ClientSampleId :
BUR-1149

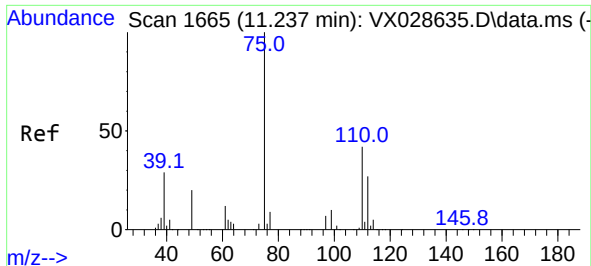
Tgt Ion:106 Resp: 1874
Ion Ratio Lower Upper
106 100
91 212.1 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

Tgt Ion:152 Resp: 193118
Ion Ratio Lower Upper
152 100
115 61.1 37.5 112.7
150 156.6 0.0 338.2

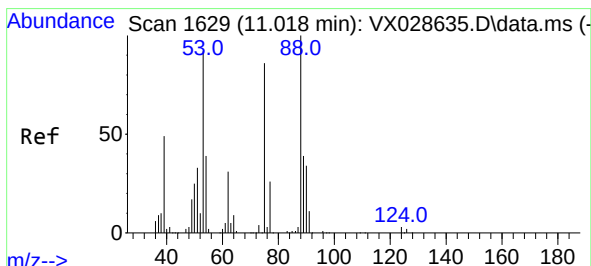
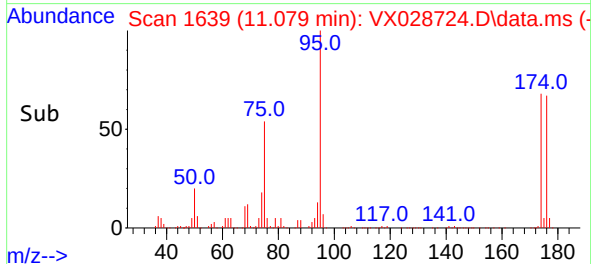
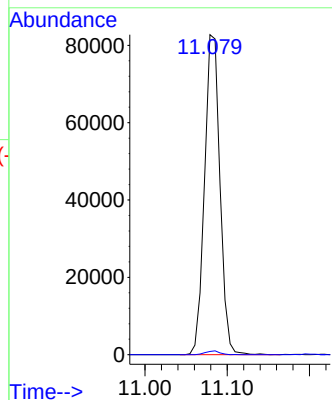
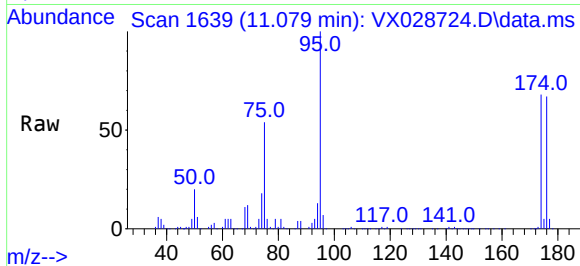




#76
1,2,3-Trichloropropane
Concen: 23.822 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

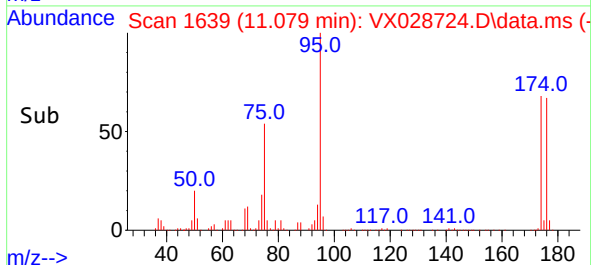
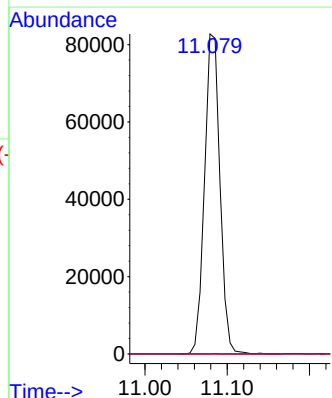
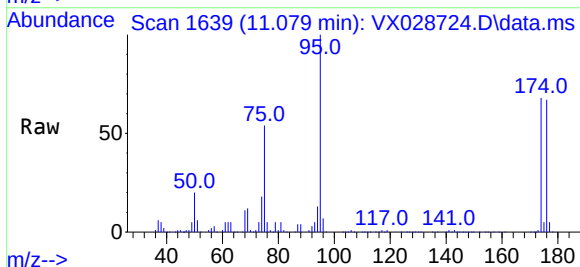
Instrument :
MSVOA_X
ClientSampleId :
BUR-1149

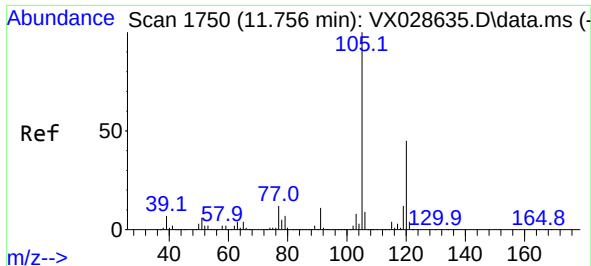
Tgt Ion: 75 Resp: 107736
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

Tgt Ion: 75 Resp: 107736
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

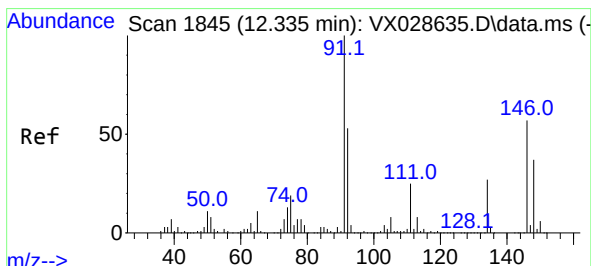
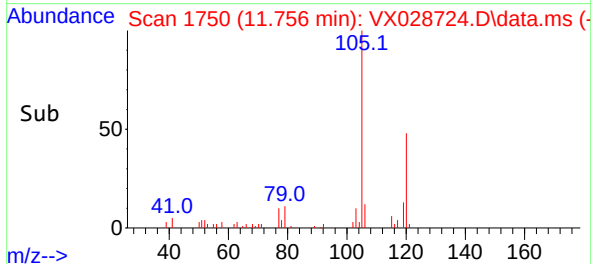
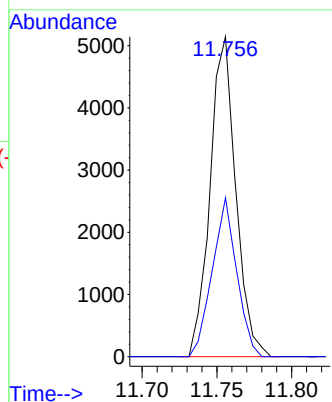
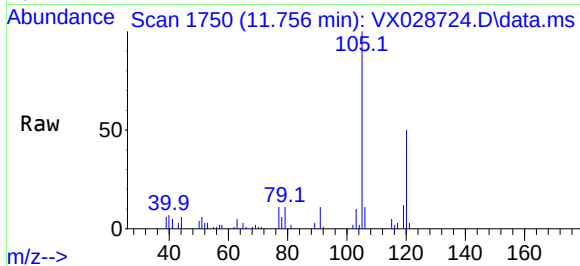




#84
1,2,4-Trimethylbenzene
Concen: 0.503 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

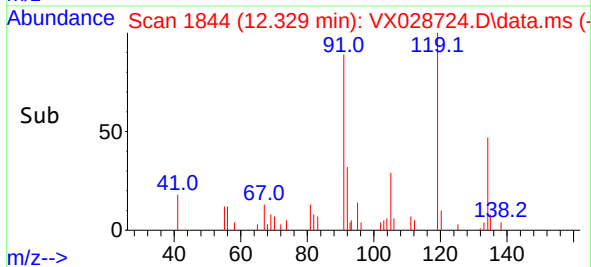
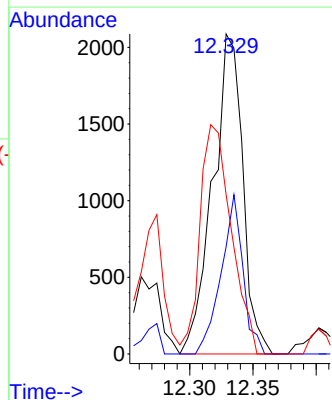
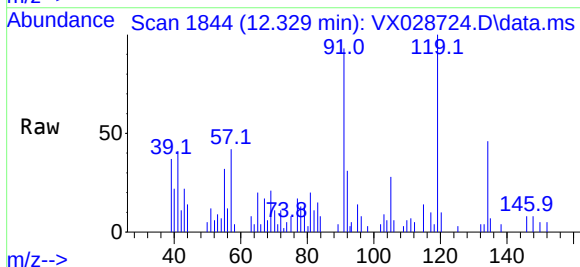
Instrument :
MSVOA_X
ClientSampleId :
BUR-1149

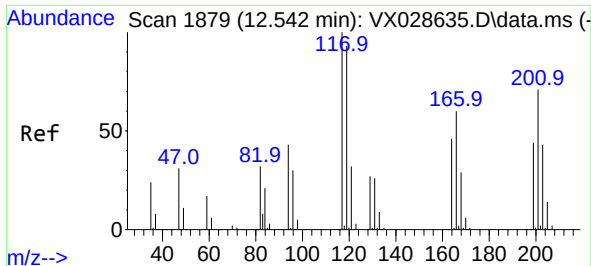
Tgt Ion:105 Resp: 6150
Ion Ratio Lower Upper
105 100
120 47.3 22.6 67.8



#89
n-Butylbenzene
Concen: 0.324 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

Tgt Ion: 91 Resp: 3430
Ion Ratio Lower Upper
91 100
92 36.3 27.8 83.3
134 74.7 13.3 39.8#

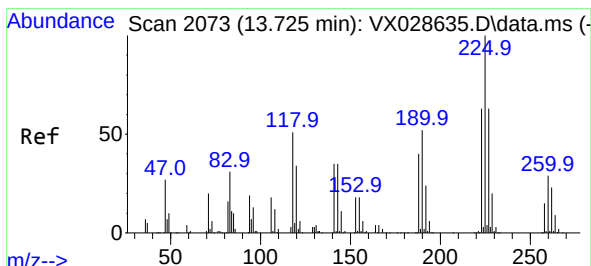
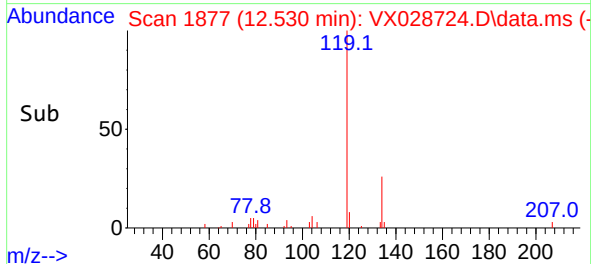
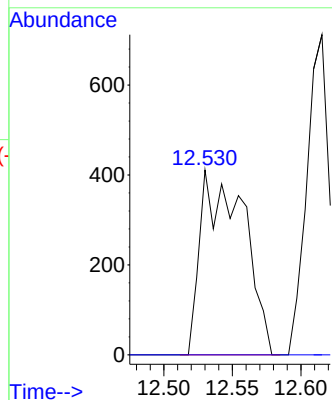
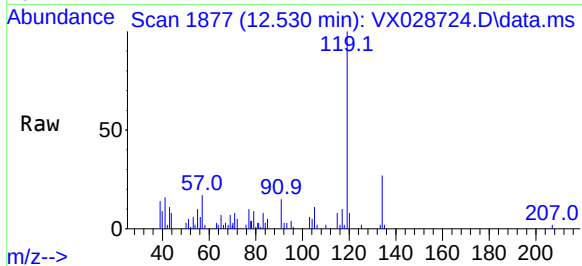




#90
Hexachloroethane
Concen: 0.458 ug/l
RT: 12.530 min Scan# 117
Delta R.T. -0.012 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

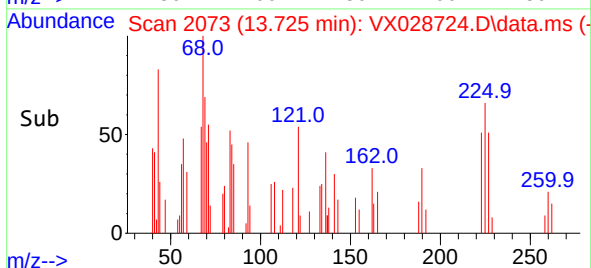
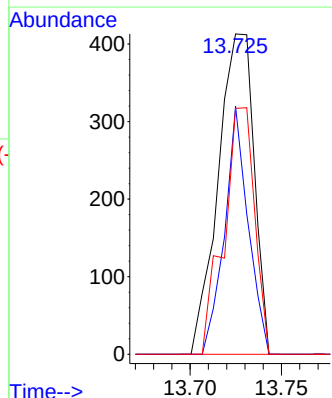
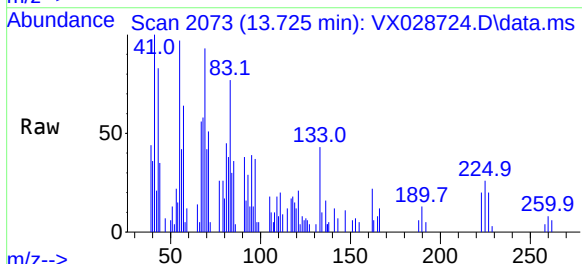
Instrument :
MSVOA_X
ClientSampleId :
BUR-1149

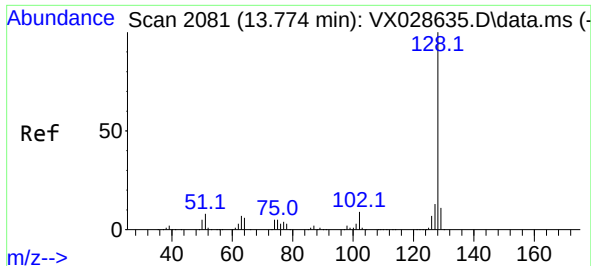
Tgt Ion:117 Resp: 906
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#



#94
Hexachlorobutadiene
Concen: 0.361 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

Tgt Ion:225 Resp: 566
Ion Ratio Lower Upper
225 100
223 50.7 34.2 102.5
227 65.5 33.9 101.7

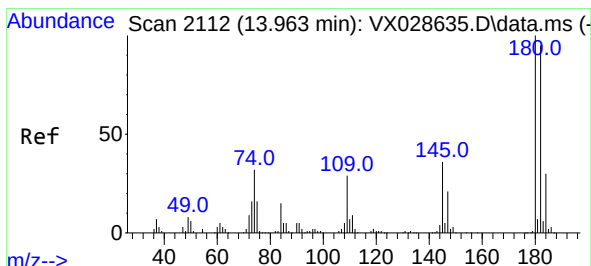
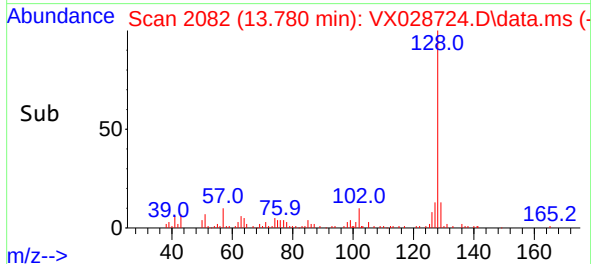
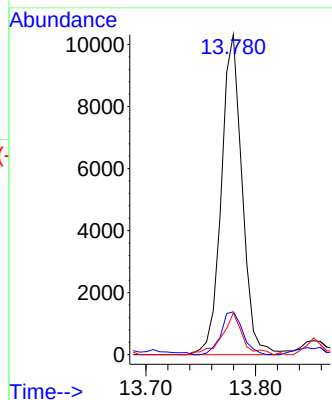
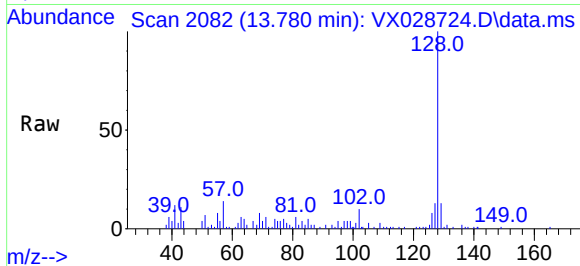




#95
Naphthalene
Concen: 0.991 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

Instrument :
MSVOA_X
ClientSampleId :
BUR-1149

Tgt Ion:128	Resp:	13596
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.2 15.4
129	13.0	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.217 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX028724.D
Acq: 16 May 2022 12:24

Tgt Ion:180	Resp:	842
Ion Ratio	Lower	Upper
180	100	
182	77.1	50.0 149.8
145	103.8	16.2 48.5#

