

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035093.D
 Acq On : 14 Apr 2023 19:04
 Operator : JC/MD
 Sample : 02353-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1262

Quant Time: Apr 17 08:59:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

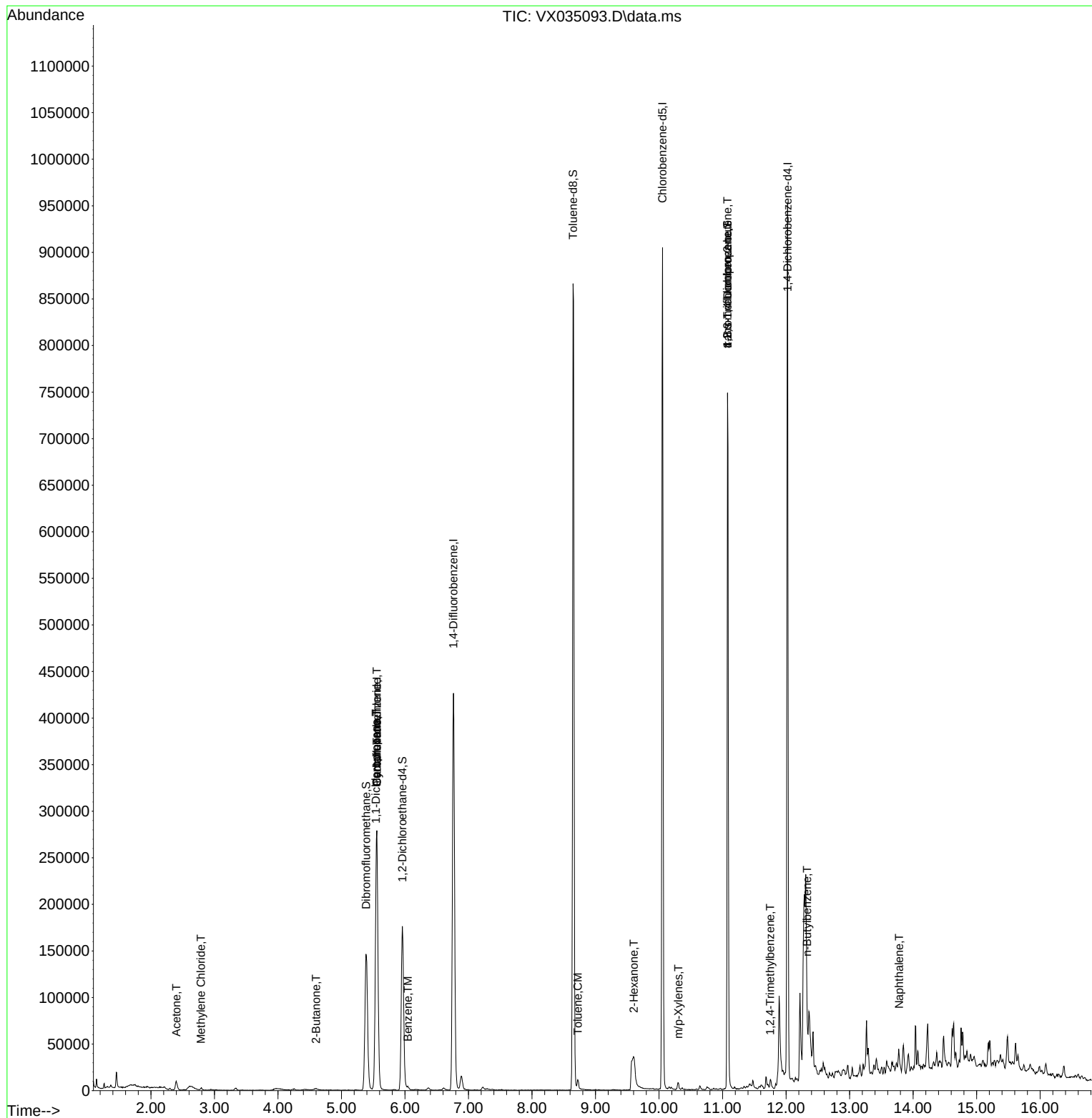
Internal Standards						
1) Pentafluorobenzene	5.556	168	261256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436810	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	403740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171775	42.992	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.980%		
35) Dibromofluoromethane	5.385	113	132168	45.746	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.500%		
50) Toluene-d8	8.647	98	525800	49.306	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.620%		
62) 4-Bromofluorobenzene	11.079	95	204950	49.664	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.320%		
Target Compounds					Qvalue	
16) Acetone	2.398	43	13135	8.092	ug/l	95
20) Methylene Chloride	2.788	84	901	0.281	ug/l #	75
25) 2-Butanone	4.599	43	1164	0.493	ug/l #	84
31) Cyclohexane	5.556	56	5655	1.162	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	21405	5.001	ug/l #	50
38) Carbon Tetrachloride	5.556	117	27082	6.711	ug/l #	16
40) Benzene	6.044	78	2927	0.238	ug/l	99
52) Toluene	8.720	92	3934	0.491	ug/l	93
59) 2-Hexanone	9.604	43	21786	6.500	ug/l #	48
68) m/p-Xylenes	10.305	106	1576	0.271	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	104607	26.109	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	104607	78.246	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.750	105	4346	0.351	ug/l	86
89) n-Butylbenzene	12.329	91	2051	0.202	ug/l #	58
95) Naphthalene	13.780	128	13563	1.025	ug/l #	93

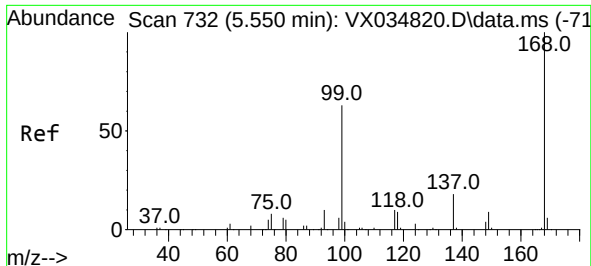
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
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Quant Time: Apr 17 08:59:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

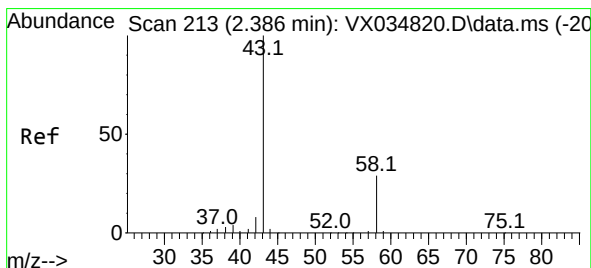
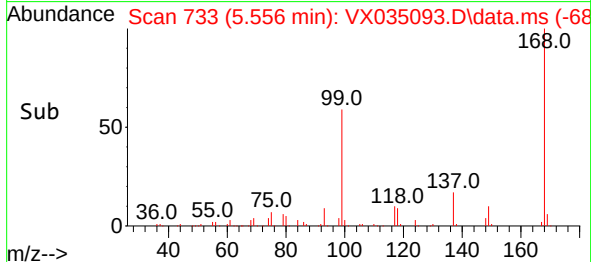
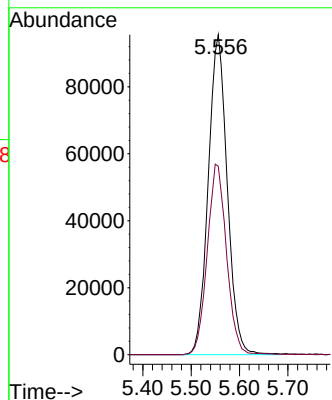
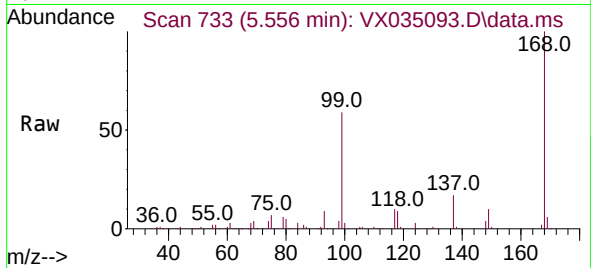




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035093.D
Acq: 14 Apr 2023 19:04

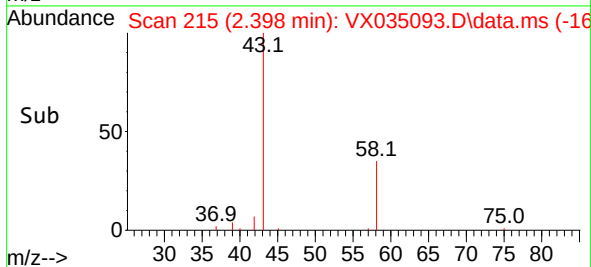
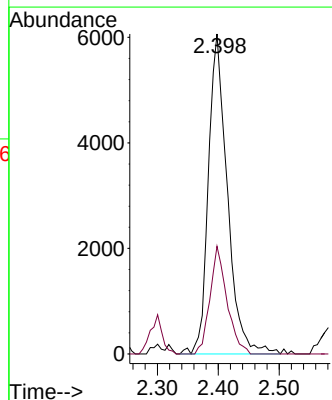
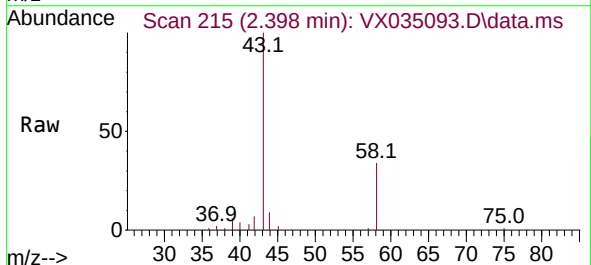
Instrument :
MSVOA_X
ClientSampleId :
BUR-1262

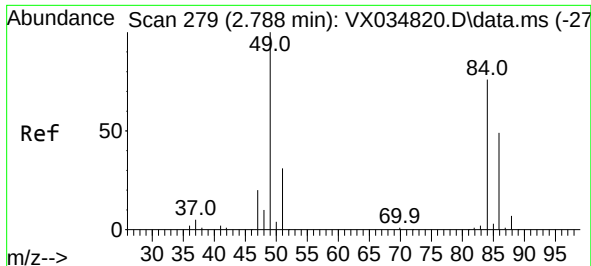
Tgt Ion:168 Resp: 261256
Ion Ratio Lower Upper
168 100
99 58.9 45.7 68.5



#16
Acetone
Concen: 8.092 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX035093.D
Acq: 14 Apr 2023 19:04

Tgt Ion: 43 Resp: 13135
Ion Ratio Lower Upper
43 100
58 33.6 24.7 37.1





#20

Methylene Chloride

Concen: 0.281 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035093.D

Acq: 14 Apr 2023 19:04

Instrument :

MSVOA_X

ClientSampleId :

BUR-1262

Tgt Ion: 84 Resp: 901

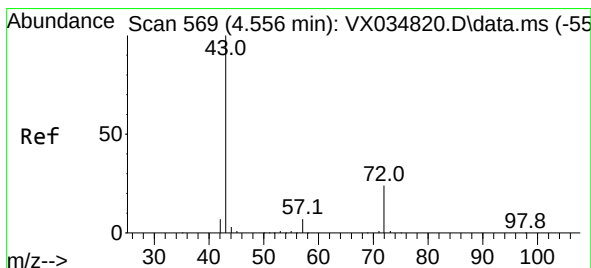
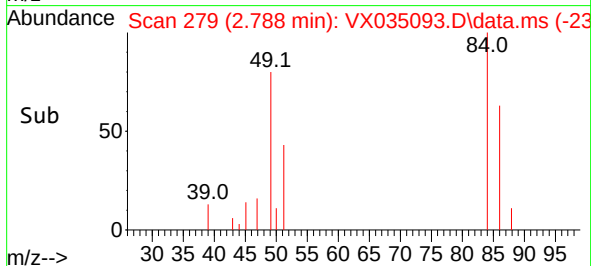
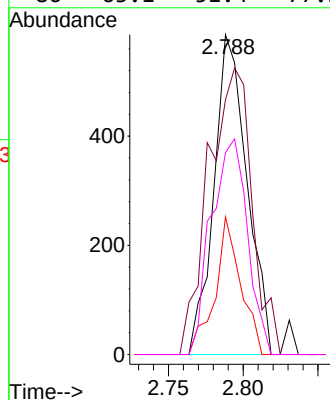
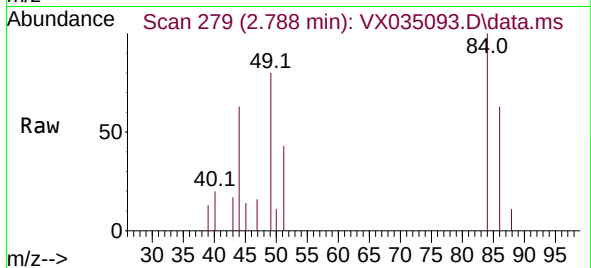
Ion Ratio Lower Upper

84 100

49 79.7 103.8 155.8#

51 43.0 31.8 47.8

86 63.1 51.4 77.2



#25

2-Butanone

Concen: 0.493 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.043 min

Lab File: VX035093.D

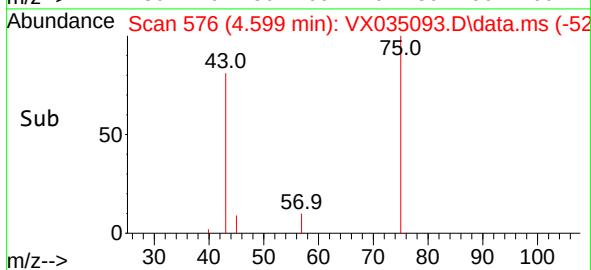
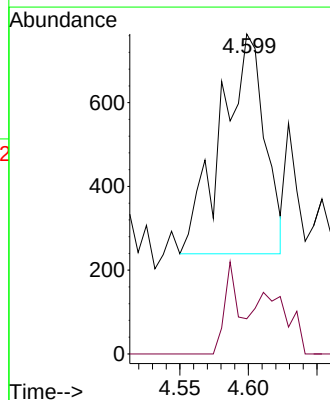
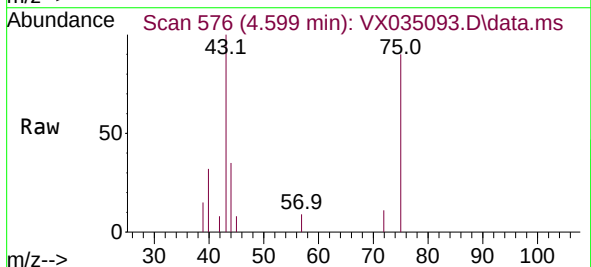
Acq: 14 Apr 2023 19:04

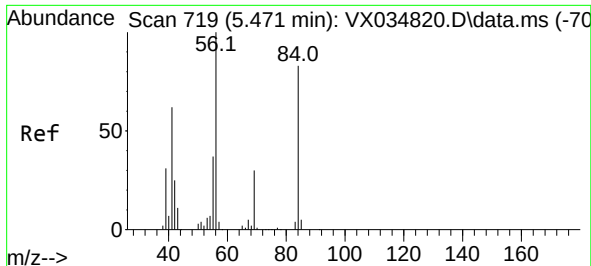
Tgt Ion: 43 Resp: 1164

Ion Ratio Lower Upper

43 100

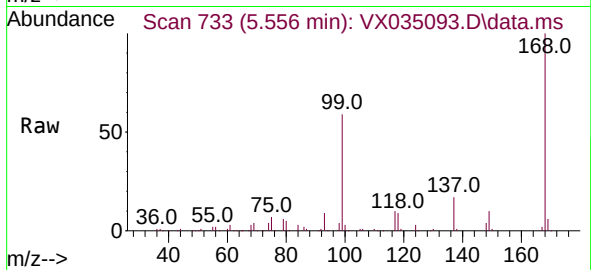
72 16.0 19.3 28.9#



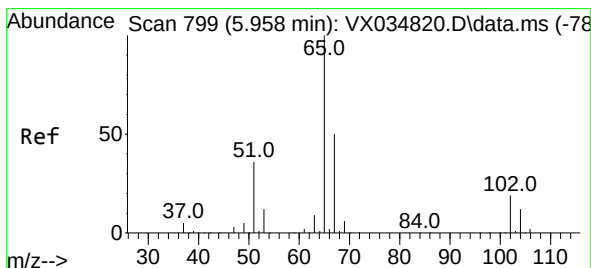
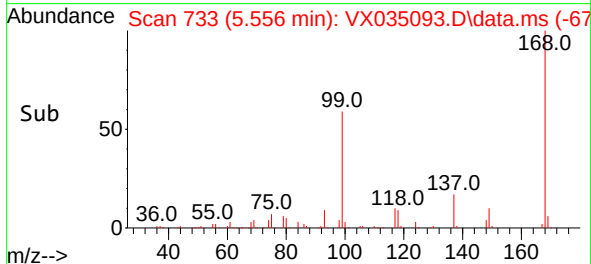
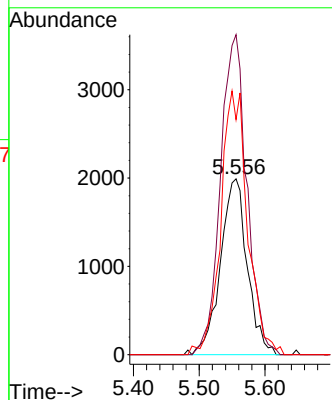


#31
Cyclohexane
Concen: 1.162 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX035093.D
Acq: 14 Apr 2023 19:04

Instrument :
MSVOA_X
ClientSampleId :
BUR-1262

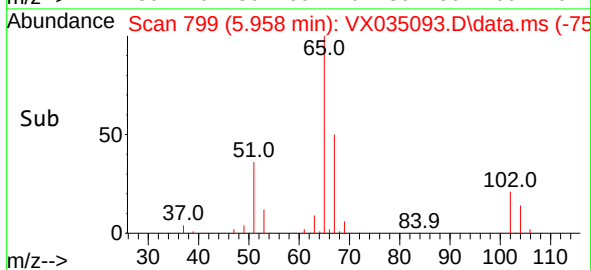
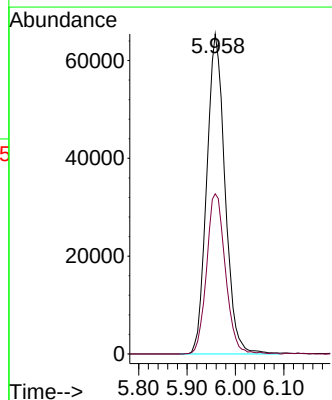
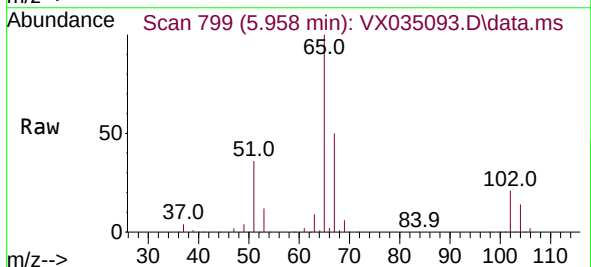


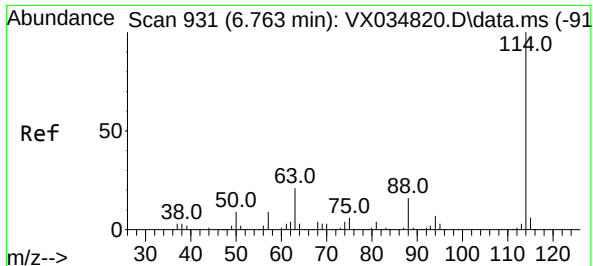
Tgt Ion: 56 Resp: 5655
Ion Ratio Lower Upper
56 100
69 181.9 23.7 35.5#
84 133.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 42.992 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035093.D
Acq: 14 Apr 2023 19:04

Tgt Ion: 65 Resp: 171775
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

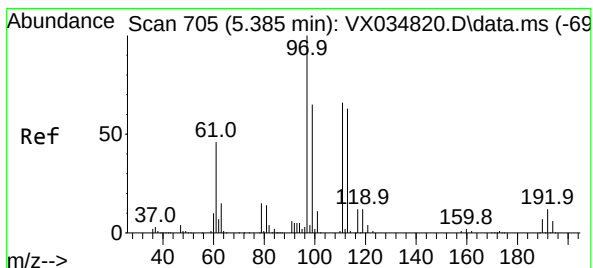
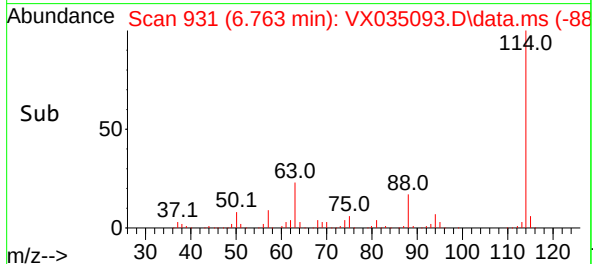
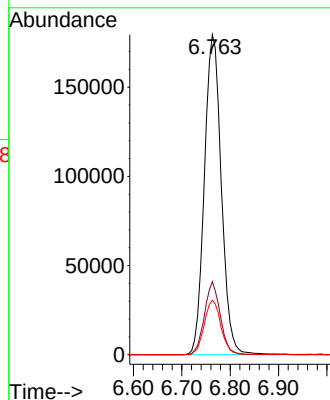
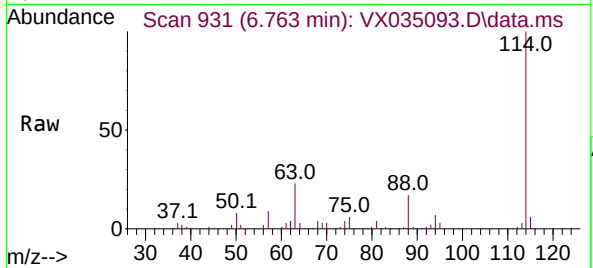




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035093.D
Acq: 14 Apr 2023 19:04

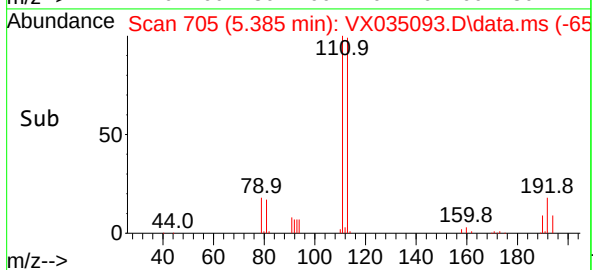
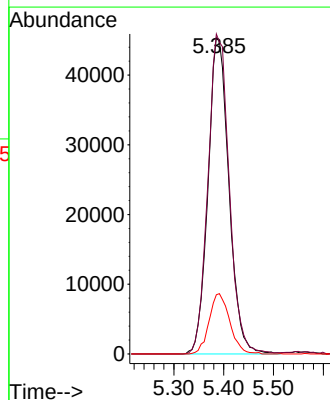
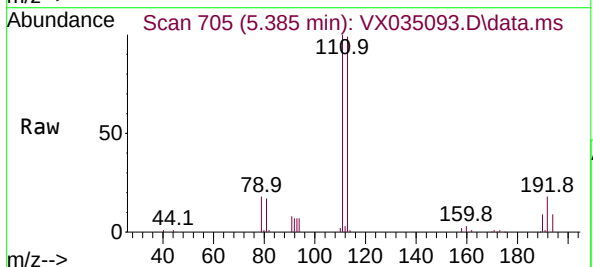
Instrument :
MSVOA_X
ClientSampleId :
BUR-1262

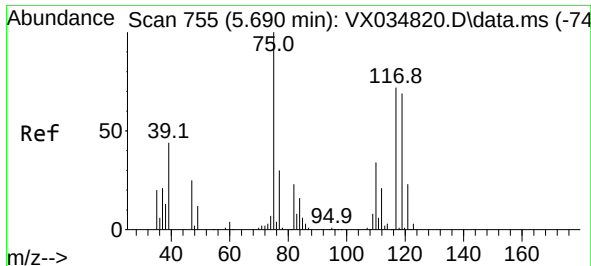
Tgt Ion:114 Resp: 436810
Ion Ratio Lower Upper
114 100
63 22.8 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.746 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035093.D
Acq: 14 Apr 2023 19:04

Tgt Ion:113 Resp: 132168
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 18.8 15.4 23.2

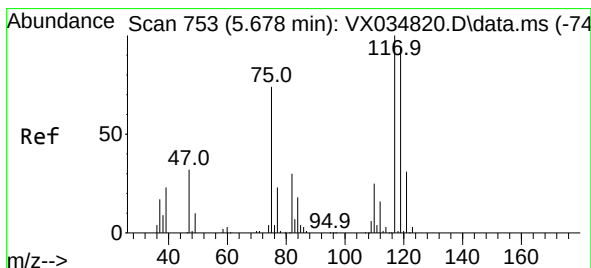
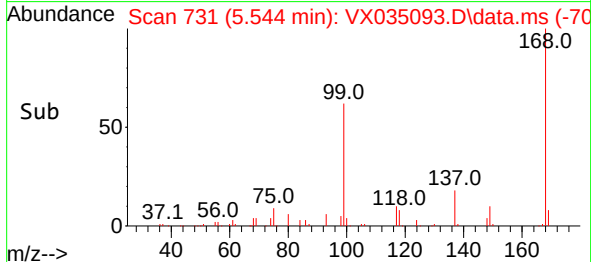
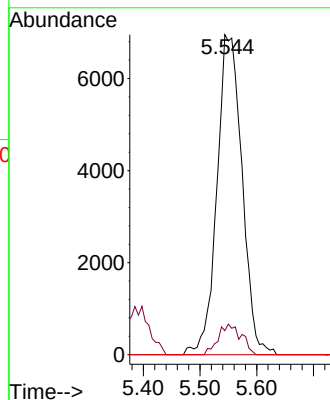
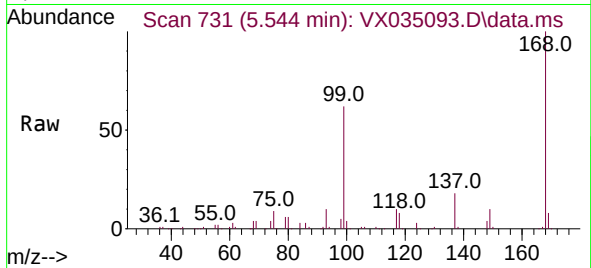




#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX035093.D
Acq: 14 Apr 2023 19:04

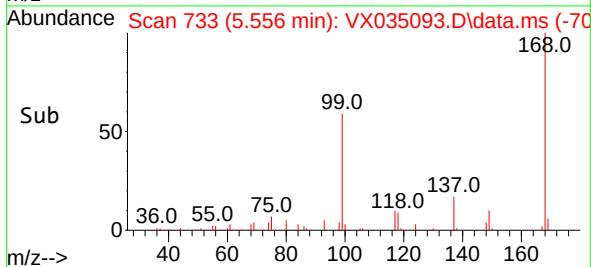
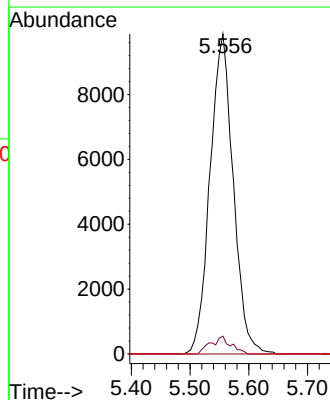
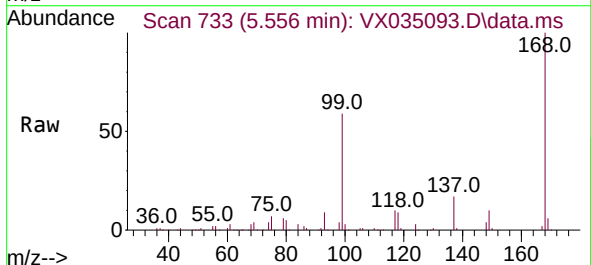
Instrument :
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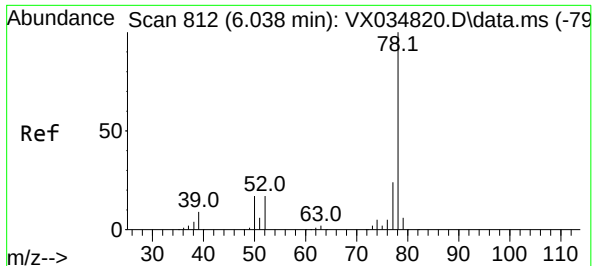
Tgt Ion: 75 Resp: 21405
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.711 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX035093.D
Acq: 14 Apr 2023 19:04

Tgt Ion: 117 Resp: 27082
Ion Ratio Lower Upper
117 100
119 5.6 76.6 114.8#
121 0.0 23.8 35.6#

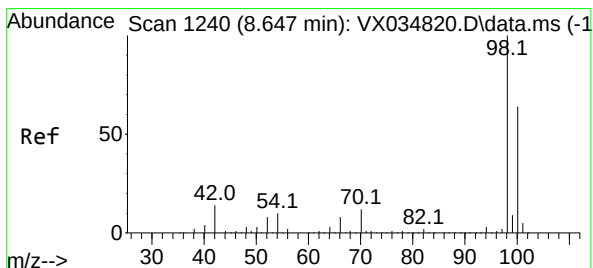
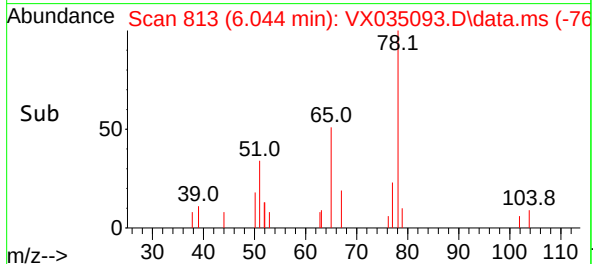
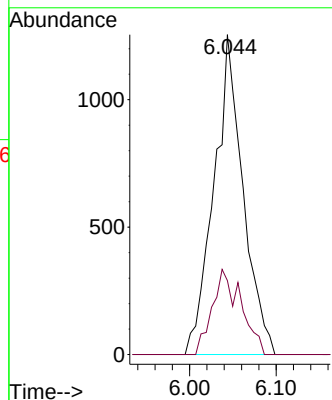
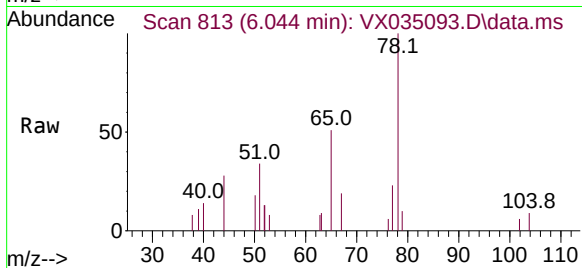




#40
Benzene
Concen: 0.238 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX035093.D
Acq: 14 Apr 2023 19:04

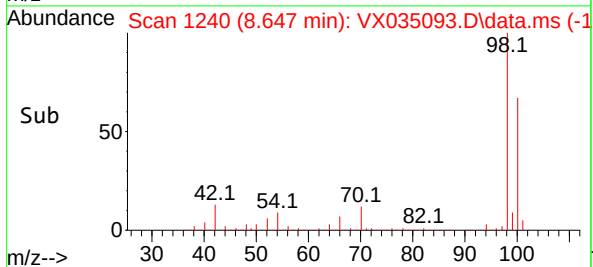
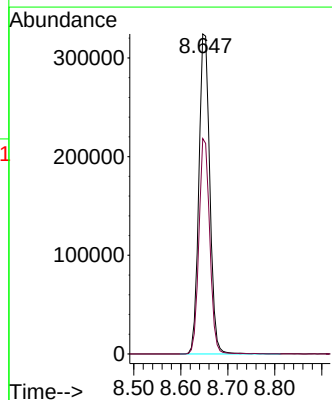
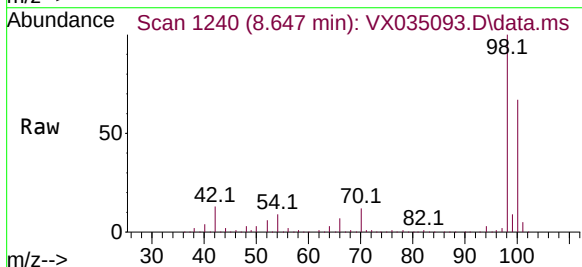
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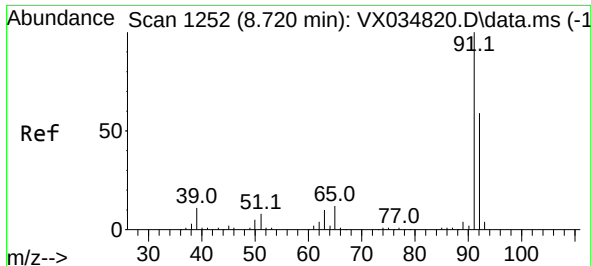
Tgt Ion: 78 Resp: 2927
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4



#50
Toluene-d8
Concen: 49.306 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035093.D
Acq: 14 Apr 2023 19:04

Tgt Ion: 98 Resp: 525800
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7





#52

Toluene

Concen: 0.491 ug/l

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035093.D

Acq: 14 Apr 2023 19:04

Instrument :

MSVOA_X

ClientSampleId :

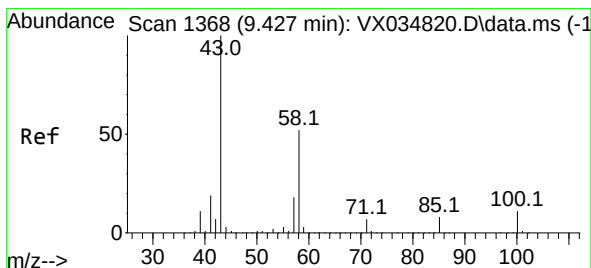
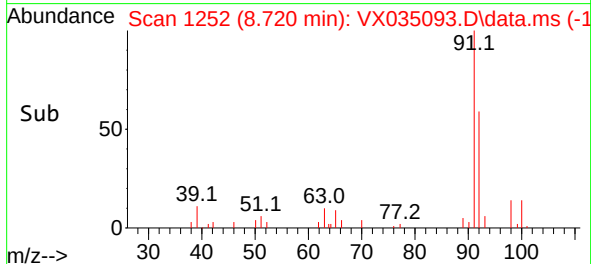
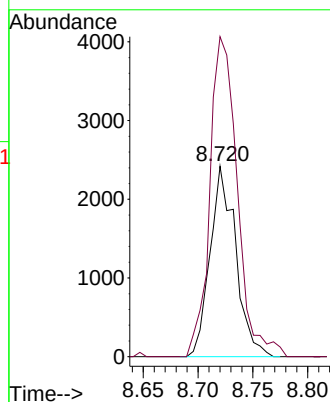
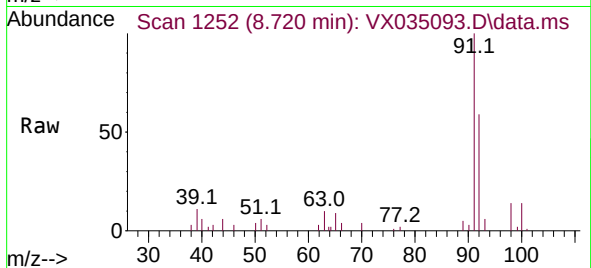
BUR-1262

Tgt Ion: 92 Resp: 3934

Ion Ratio Lower Upper

92 100

91 180.2 136.8 205.2



#59

2-Hexanone

Concen: 6.500 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.177 min

Lab File: VX035093.D

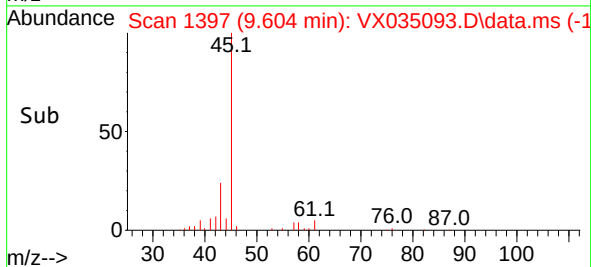
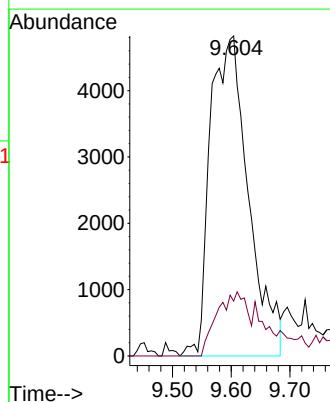
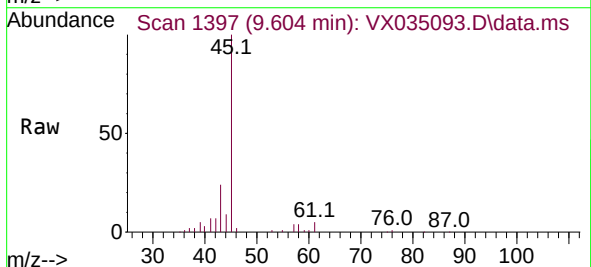
Acq: 14 Apr 2023 19:04

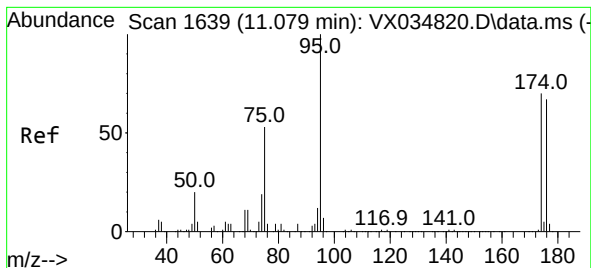
Tgt Ion: 43 Resp: 21786

Ion Ratio Lower Upper

43 100

58 15.9 26.3 78.9#

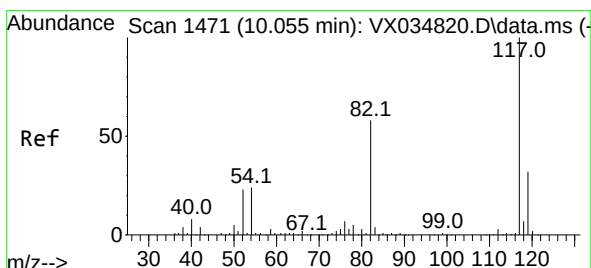
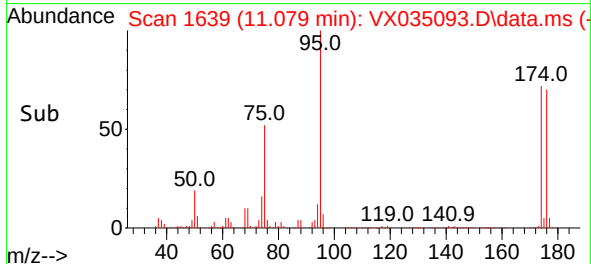
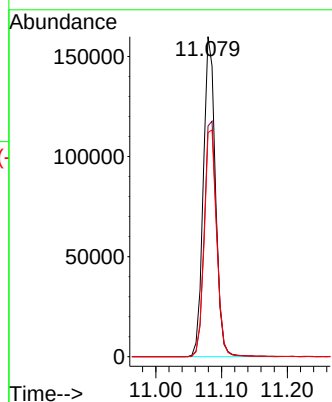
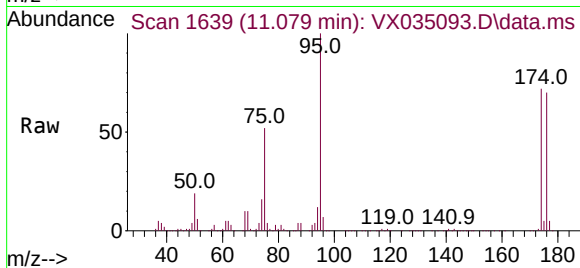




#62
4-Bromofluorobenzene
Concen: 49.664 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035093.D
Acq: 14 Apr 2023 19:04

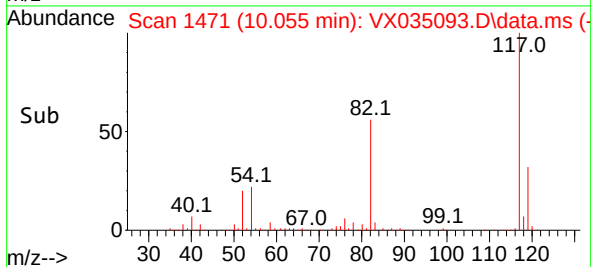
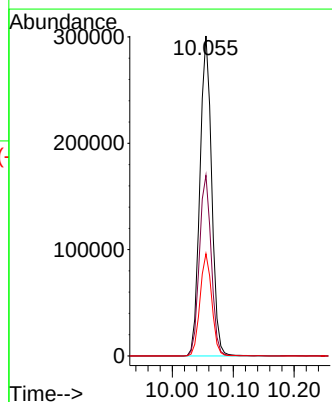
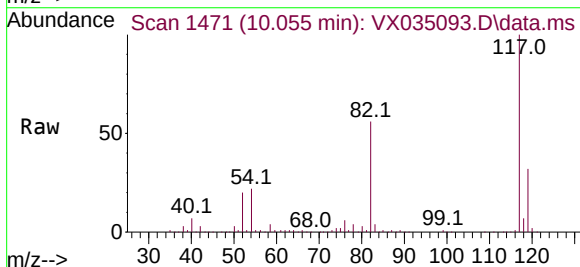
Instrument :
MSVOA_X
ClientSampleId :
BUR-1262

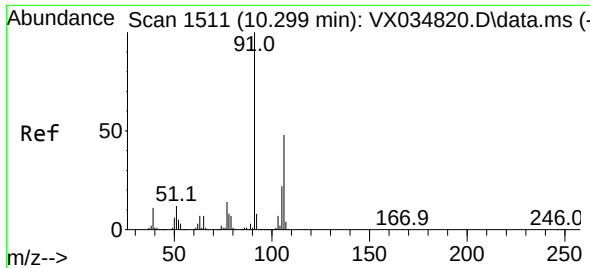
Tgt Ion: 95 Resp: 204950
Ion Ratio Lower Upper
95 100
174 75.4 0.0 147.4
176 72.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035093.D
Acq: 14 Apr 2023 19:04

Tgt Ion: 117 Resp: 403740
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 31.9 26.0 39.0

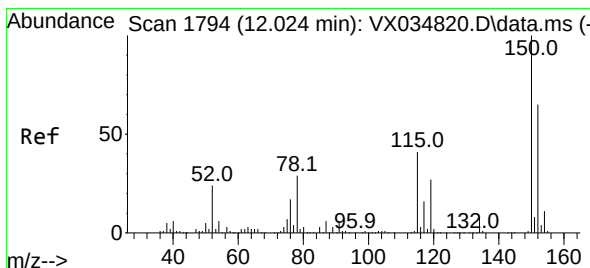
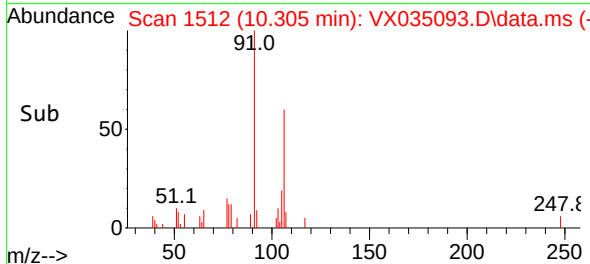
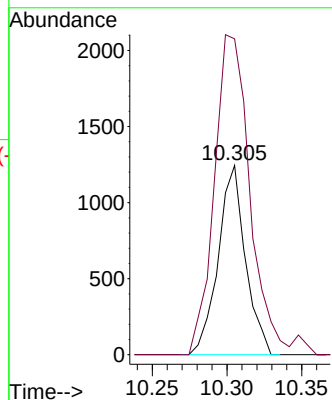
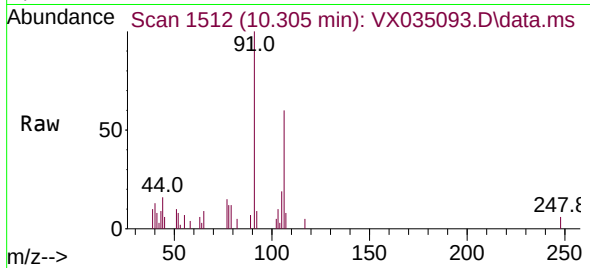




#68
m/p-Xylenes
Concen: 0.271 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX035093.D
Acq: 14 Apr 2023 19:04

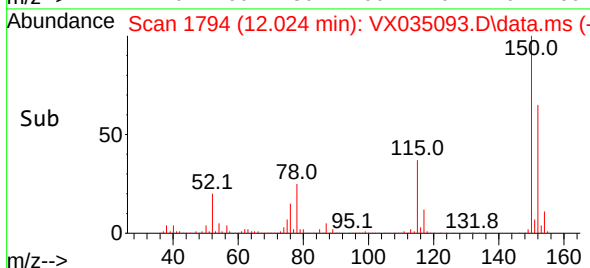
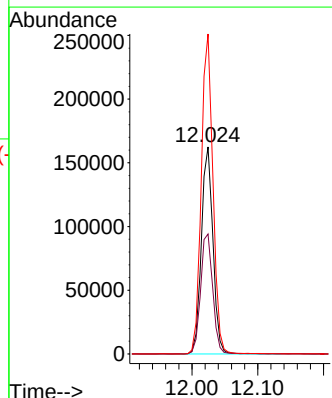
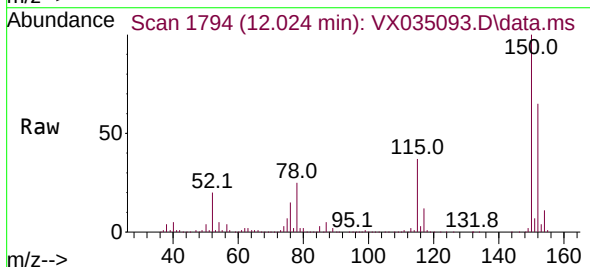
Instrument :
MSVOA_X
ClientSampleId :
BUR-1262

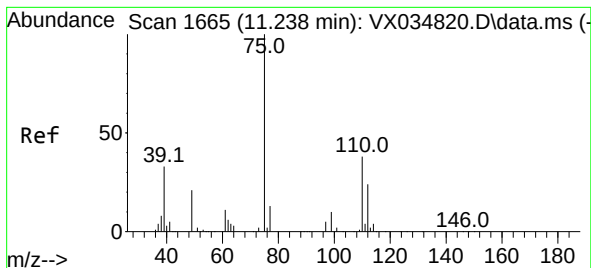
Tgt Ion:106 Resp: 1576
Ion Ratio Lower Upper
106 100
91 219.7 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035093.D
Acq: 14 Apr 2023 19:04

Tgt Ion:152 Resp: 198845
Ion Ratio Lower Upper
152 100
115 60.6 45.0 135.0
150 155.7 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 26.109 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX035093.D

Acq: 14 Apr 2023 19:04

Instrument :

MSVOA_X

ClientSampleId :

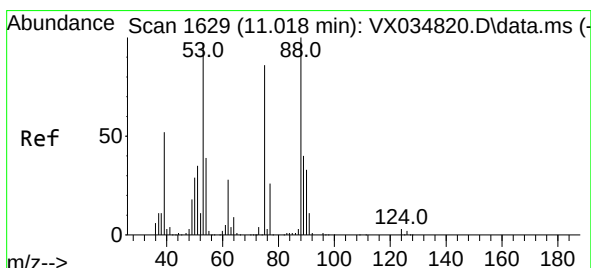
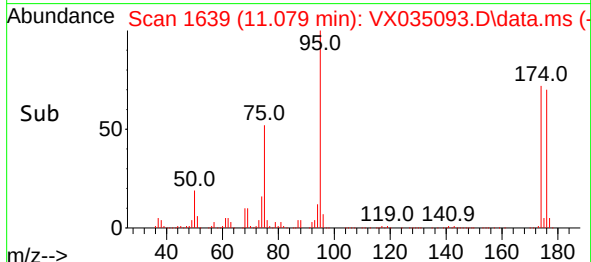
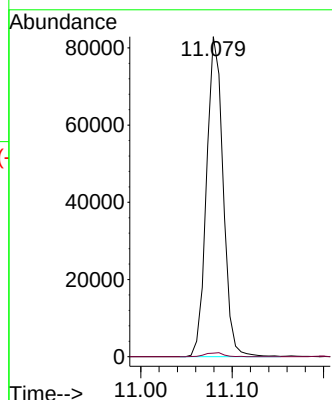
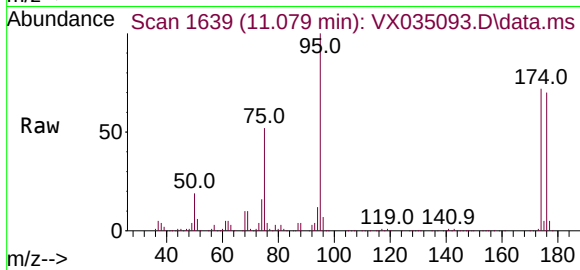
BUR-1262

Tgt Ion: 75 Resp: 104607

Ion Ratio Lower Upper

75 100

77 1.4 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.246 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035093.D

Acq: 14 Apr 2023 19:04

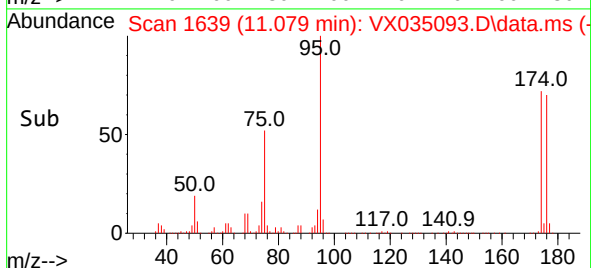
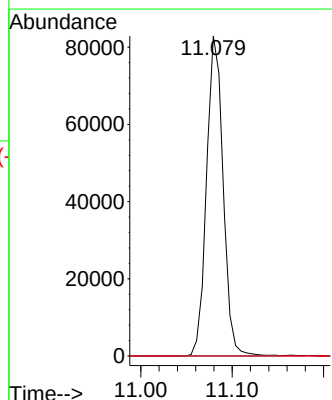
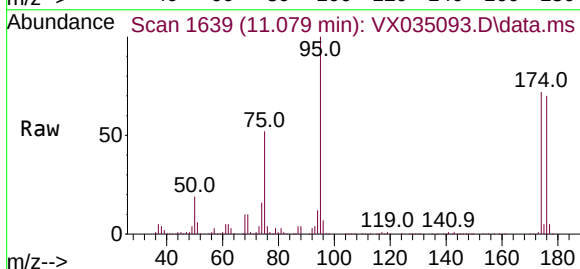
Tgt Ion: 75 Resp: 104607

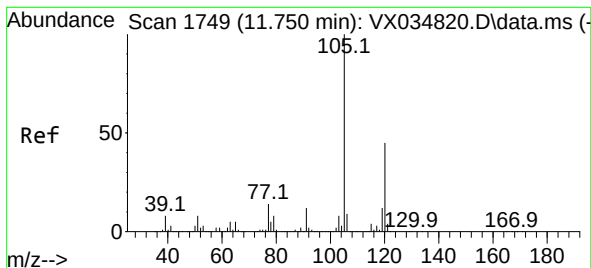
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.351 ug/l

RT: 11.750 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035093.D

Acq: 14 Apr 2023 19:04

Instrument :

MSVOA_X

ClientSampleId :

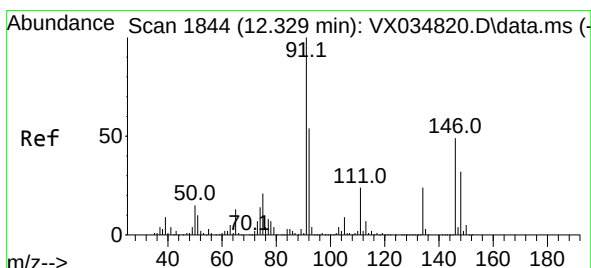
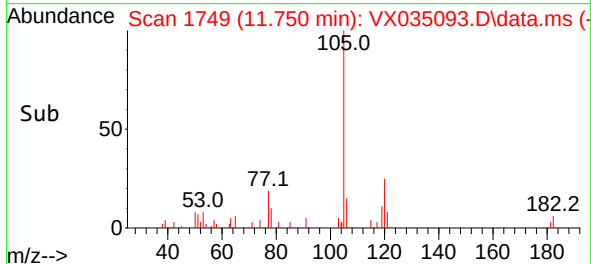
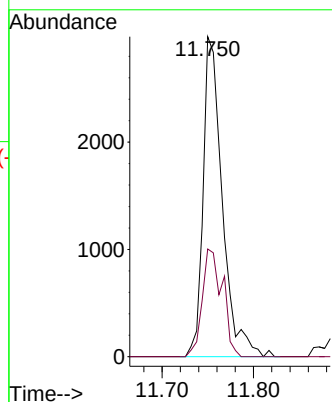
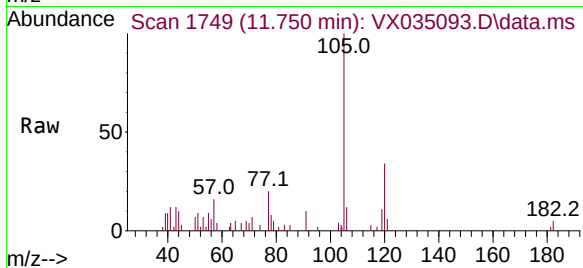
BUR-1262

Tgt Ion:105 Resp: 4346

Ion Ratio Lower Upper

105 100

120 35.5 22.4 67.0



#89

n-Butylbenzene

Concen: 0.202 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035093.D

Acq: 14 Apr 2023 19:04

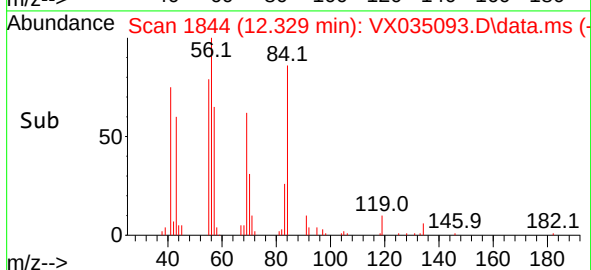
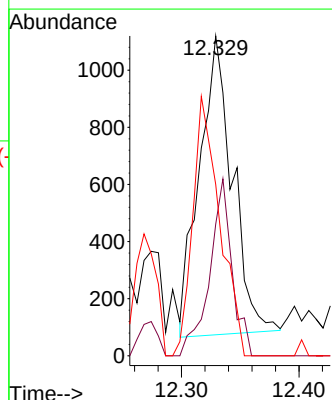
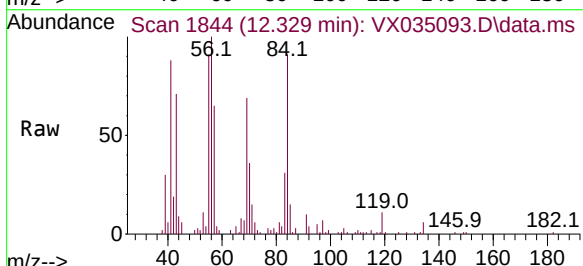
Tgt Ion: 91 Resp: 2051

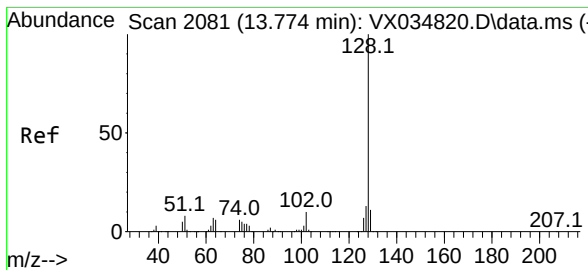
Ion Ratio Lower Upper

91 100

92 40.0 27.7 83.0

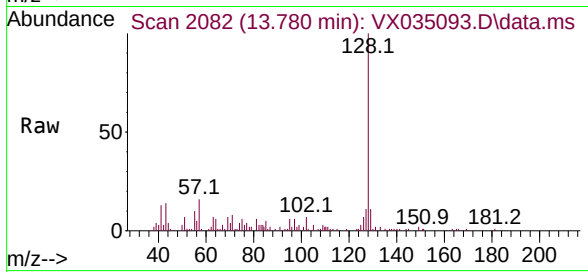
134 70.5 13.0 38.9#





#95
 Naphthalene
 Concen: 1.025 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX035093.D
 Acq: 14 Apr 2023 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1262



Tgt Ion:	128	Resp:	13563
Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.2	15.4
129	14.6	8.6	13.0

