

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039213.D
 Acq On : 14 Dec 2023 17:05
 Operator : JC/MD
 Sample : 05829-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 03:03:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	104449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	213789	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116733	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94200	49.231	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.460%
35) Dibromofluoromethane	5.385	113	72228	48.903	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.800%
50) Toluene-d8	8.647	98	275420	50.229	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.460%
62) 4-Bromofluorobenzene	11.079	95	132486	58.561	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.120%

Target Compounds				Qvalue		
3) Chloromethane	1.325	50	358	0.220	ug/l #	43
6) Chloroethane	1.697	64	389	0.427	ug/l #	43
11) Tert butyl alcohol	2.959	59	274	0.570	ug/l #	78
15) Acrylonitrile	3.111	53	1506	1.566	ug/l #	30
16) Acetone	2.380	43	2250	Below Cal	#	78
19) Methyl tert-butyl Ether	3.111	73	139505	28.718	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	680	0.465	ug/l #	76
25) 2-Butanone	4.318	43	762	0.461	ug/l #	51
27) cis-1,2-Dichloroethene	4.501	96	1141	0.707	ug/l	81
31) Cyclohexane	5.464	56	2516	1.018	ug/l	93
36) 1,1-Dichloropropene	5.556	75	10571	4.536	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11516	5.178	ug/l #	15
39) Methylcyclohexane	7.379	83	6263	2.237	ug/l	96
40) Benzene	6.038	78	545488	82.738	ug/l	99
42) 1,2-Dichloroethane	6.038	62	5566	2.086	ug/l #	77
43) Isopropyl Acetate	6.324	43	1971	0.421	ug/l #	32
44) Trichloroethene	7.123	130	11607	6.977	ug/l	96
48) Methyl methacrylate	7.659	41	581	0.212	ug/l #	74
51) 4-Methyl-2-Pentanone	8.592	43	1097	0.368	ug/l #	37
52) Toluene	8.726	92	5548	1.394	ug/l	98
55) 1,1,2-Trichloroethane	9.098	97	5833	3.511	ug/l #	23
56) Ethyl methacrylate	9.104	69	2371	1.169	ug/l #	1
60) Dibromochloromethane	9.275	129	448	0.267	ug/l #	11
64) Tetrachloroethene	9.275	164	388	0.264	ug/l #	69
67) Ethyl Benzene	10.189	91	672791	73.753	ug/l	96
68) m/p-Xylenes	10.305	106	27776	8.492	ug/l	89
69) o-Xylene	10.640	106	49555	15.670	ug/l	89
70) Styrene	10.640	104	2868	0.620	ug/l #	1
73) Isopropylbenzene	10.963	105	116806	12.969	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	71743	23.755	ug/l #	39
78) n-propylbenzene	11.305	91	85871	7.738	ug/l	96
79) 2-Chlorotoluene	11.396	91	9033	1.346	ug/l #	48
80) 1,3,5-Trimethylbenzene	11.451	105	39182	5.107	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	71743	67.014	ug/l #	6
82) 4-Chlorotoluene	11.451	91	5619	0.713	ug/l #	46
83) tert-Butylbenzene	11.969	119	26764	3.665	ug/l	68

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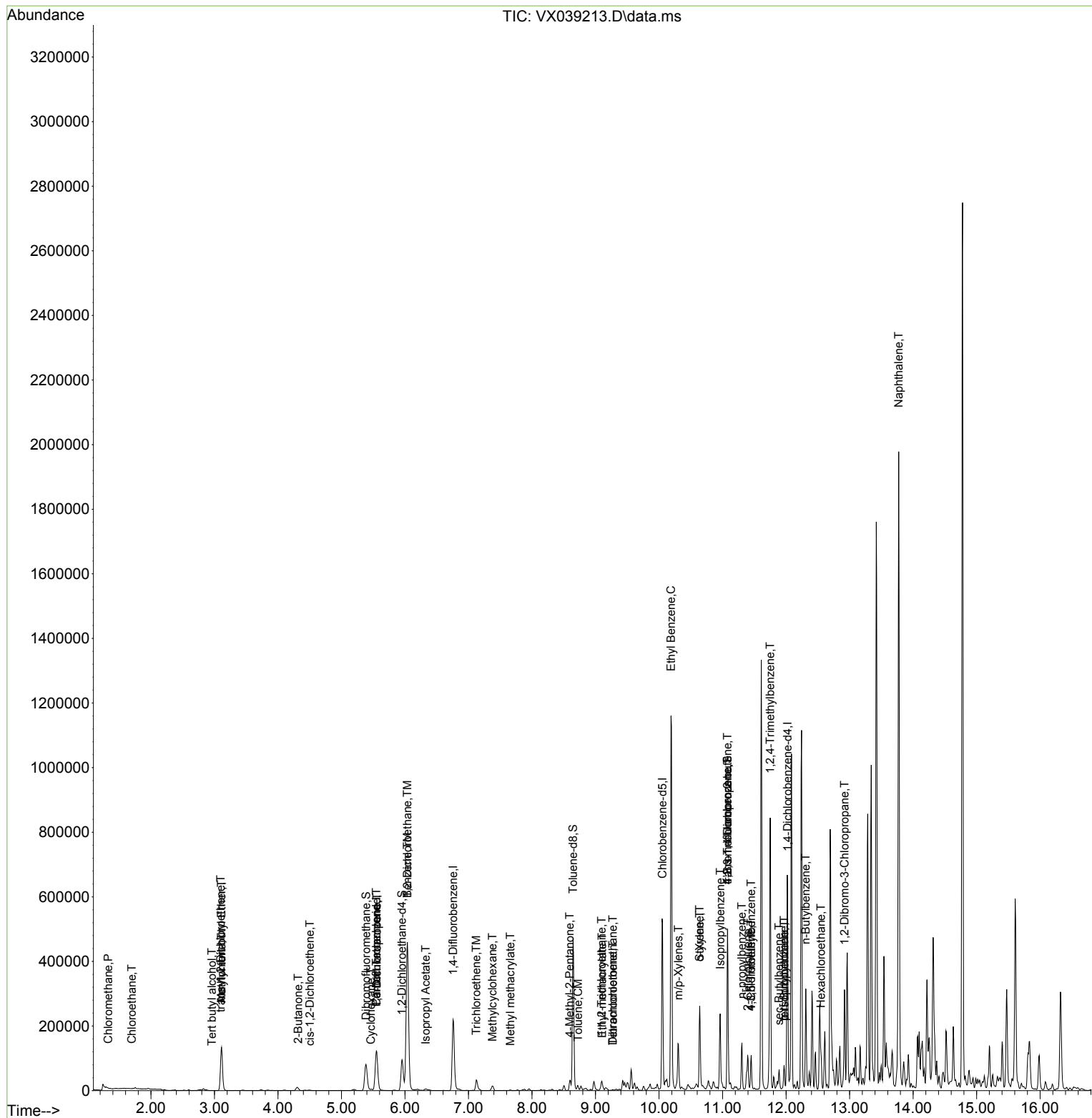
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.750	105	344039	43.726	ug/l	100
85) sec-Butylbenzene	11.890	105	18436	1.984	ug/l	95
86) p-Isopropyltoluene	11.969	119	27226	3.491	ug/l	93
89) n-Butylbenzene	12.311	91	31688	4.134	ug/l #	11
90) Hexachloroethane	12.549	117	32140	22.817	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.920	75	1302	1.475	ug/l #	9
95) Naphthalene	13.774	128	1123979	131.656	ug/l	98

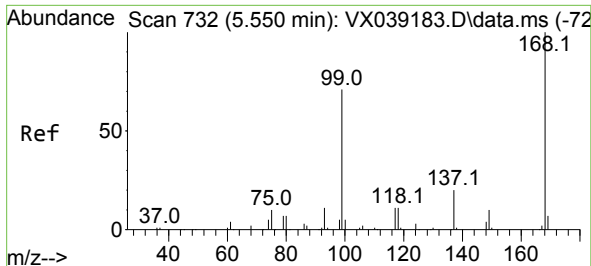
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

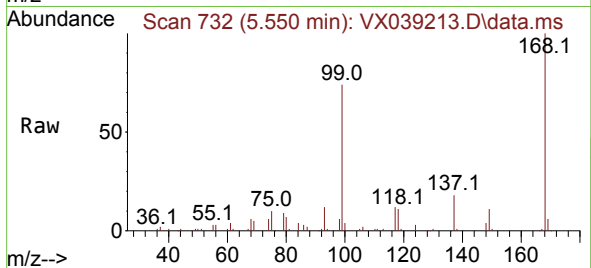
Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

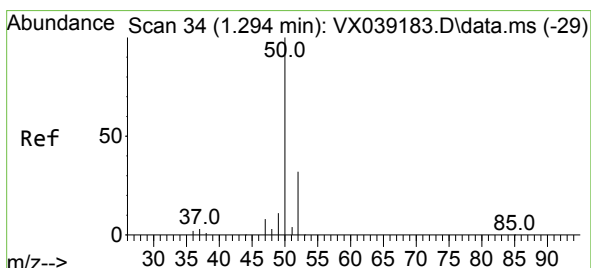
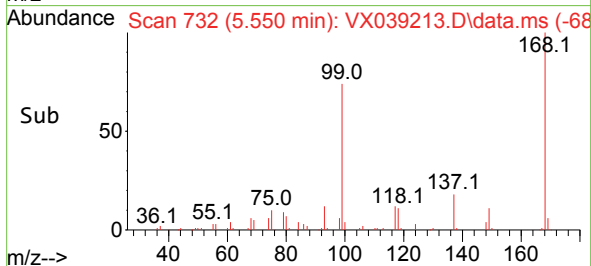
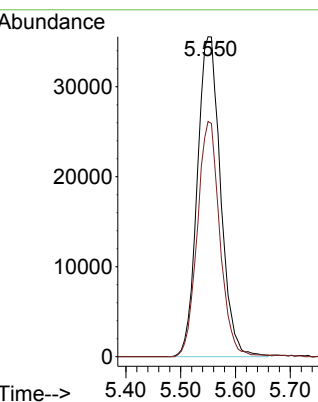


Tgt Ion:168 Resp: 104449

Ion Ratio Lower Upper

168 100

99 73.5 56.6 85.0



#3

Chloromethane

Concen: 0.220 ug/l

RT: 1.325 min Scan# 39

Delta R.T. 0.031 min

Lab File: VX039213.D

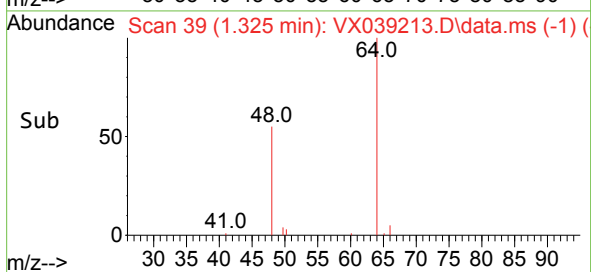
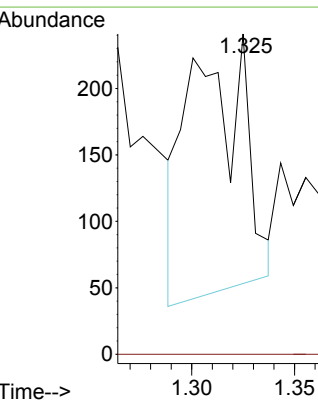
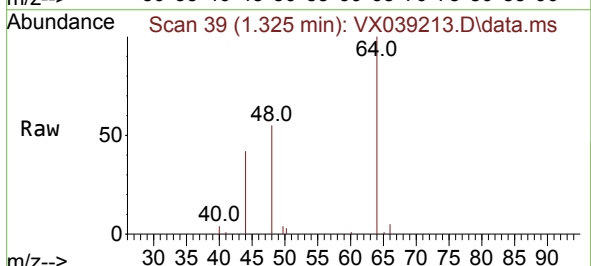
Acq: 14 Dec 2023 17:05

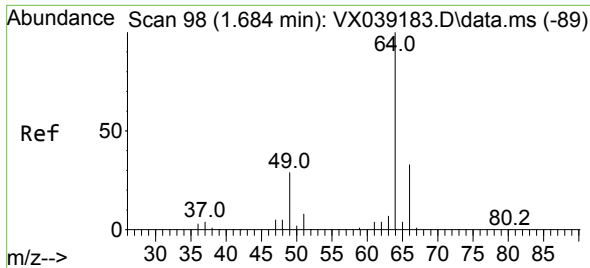
Tgt Ion: 50 Resp: 358

Ion Ratio Lower Upper

50 100

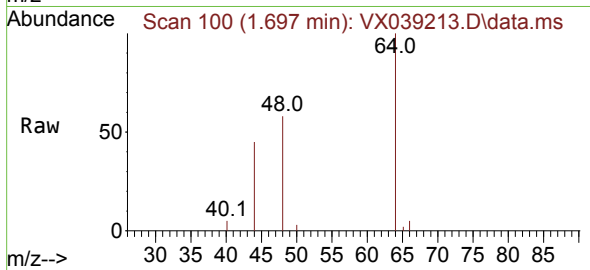
52 0.0 25.5 38.3#



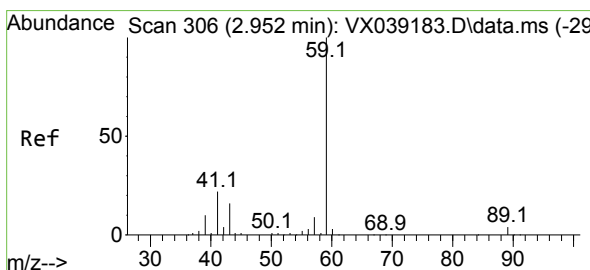
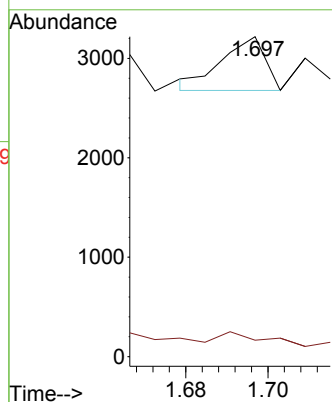
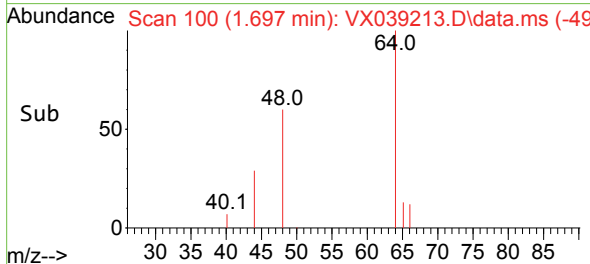


#6
Chloroethane
Concen: 0.427 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.013 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :

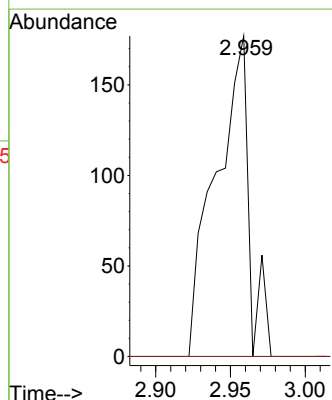
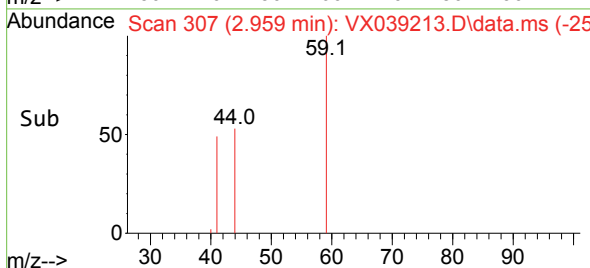
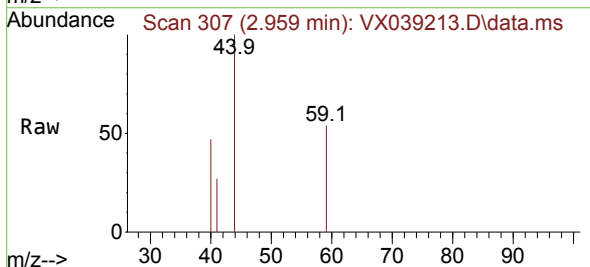


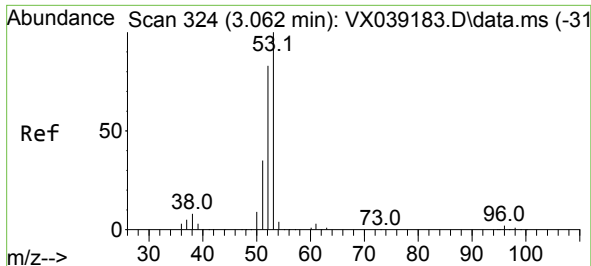
Tgt Ion: 64 Resp: 389
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.570 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

Tgt Ion: 59 Resp: 274
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

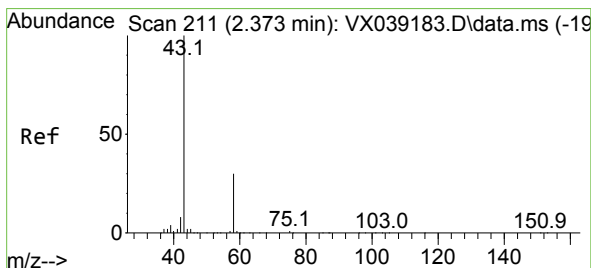
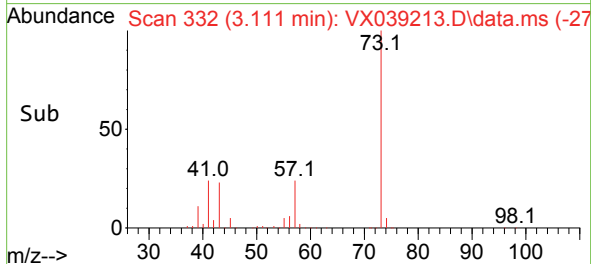
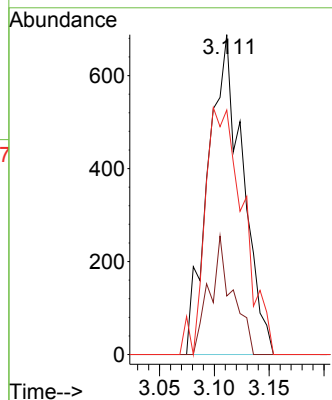
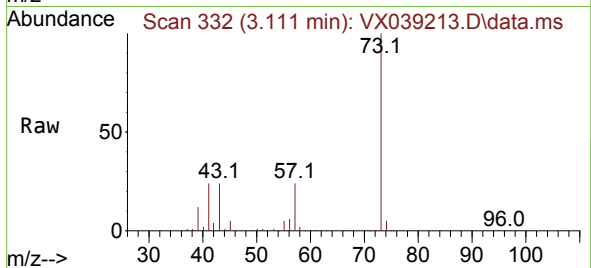




#15
Acrylonitrile
Concen: 1.566 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.049 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

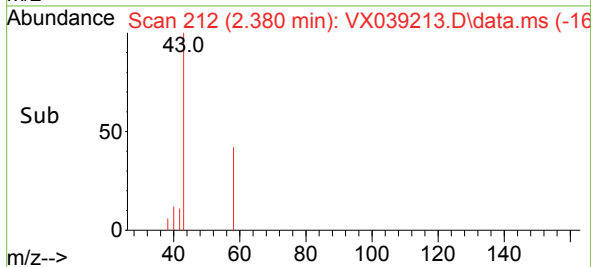
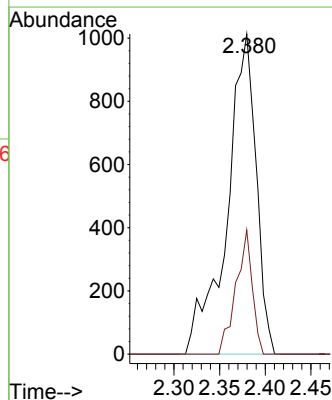
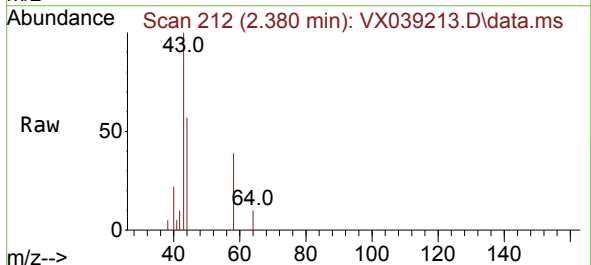
Instrument :
MSVOA_X
ClientSampleId :

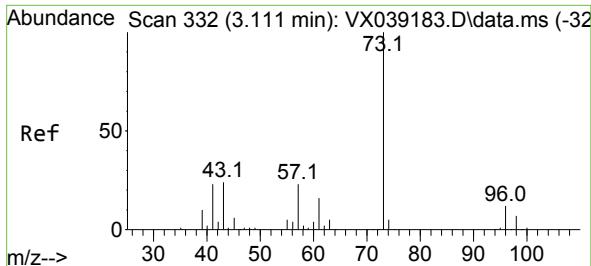
Tgt Ion: 53 Resp: 1506
Ion Ratio Lower Upper
53 100
52 24.7 66.0 99.0#
51 86.2 29.8 44.6#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

Tgt Ion: 43 Resp: 2250
Ion Ratio Lower Upper
43 100
58 38.8 21.9 32.9#





#19

Methyl tert-butyl Ether

Concen: 28.718 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

Instrument :

MSVOA_X

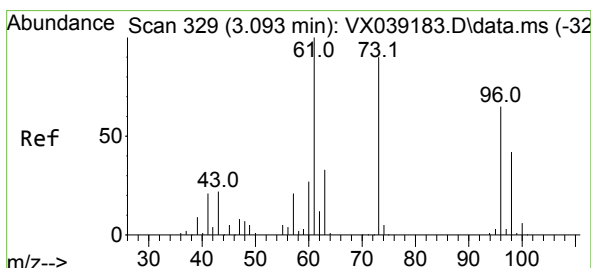
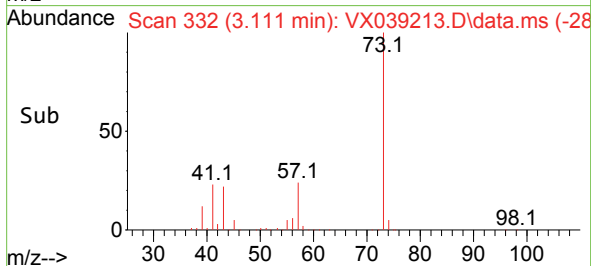
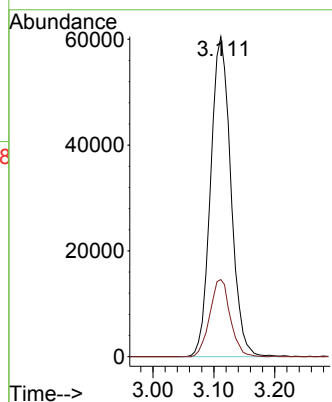
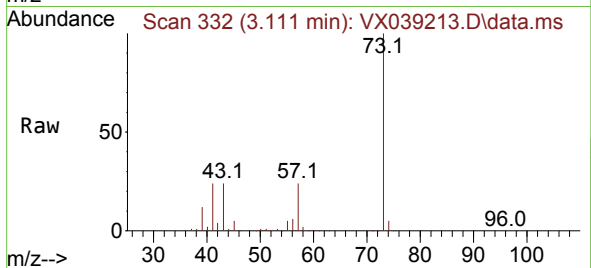
ClientSampleId :

Tgt Ion: 73 Resp: 139505

Ion Ratio Lower Upper

73 100

57 24.1 17.3 25.9



#21

trans-1,2-Dichloroethene

Concen: 0.465 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

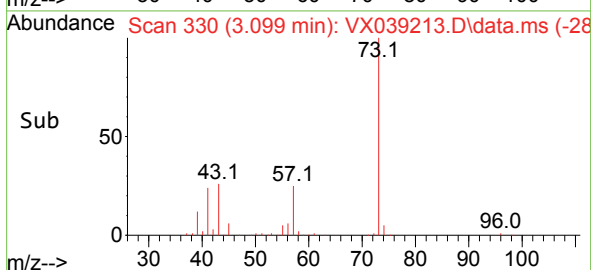
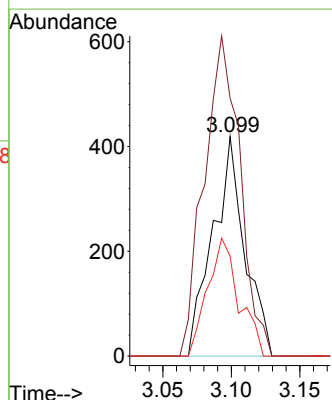
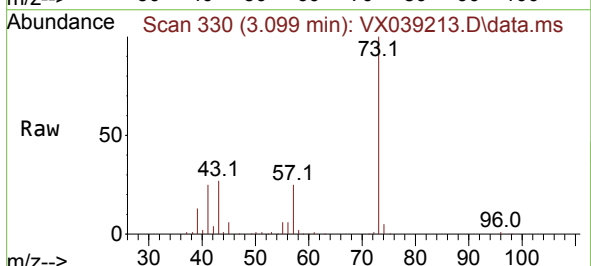
Tgt Ion: 96 Resp: 680

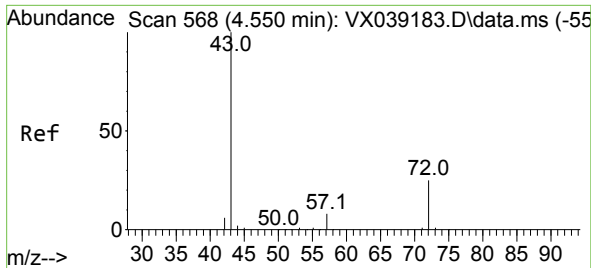
Ion Ratio Lower Upper

96 100

61 117.4 119.2 178.8#

98 45.6 48.7 73.1#

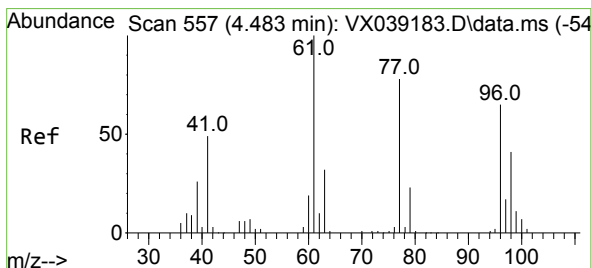
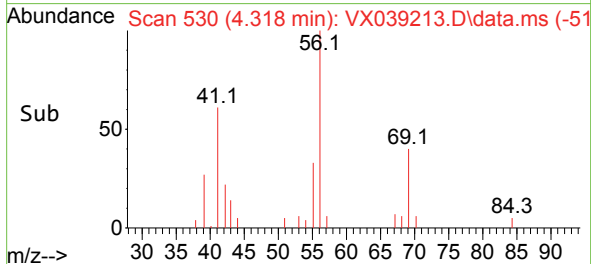
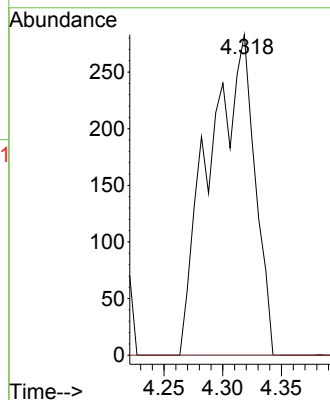
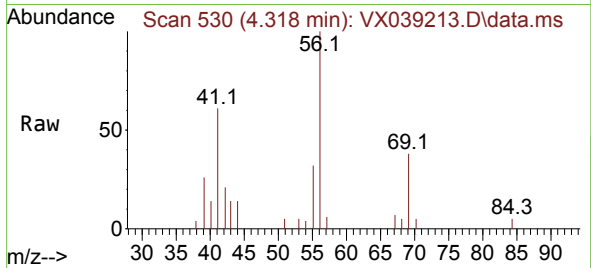




#25
2-Butanone
Concen: 0.461 ug/l
RT: 4.318 min Scan# 51
Delta R.T. -0.231 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

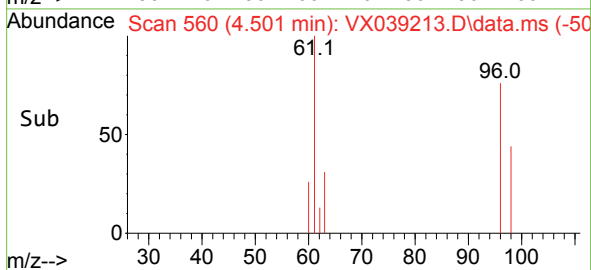
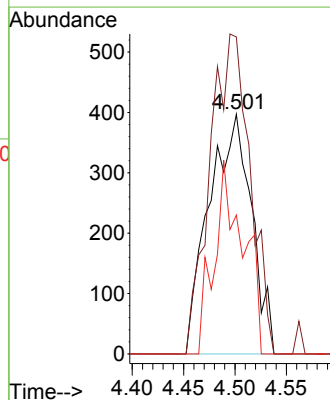
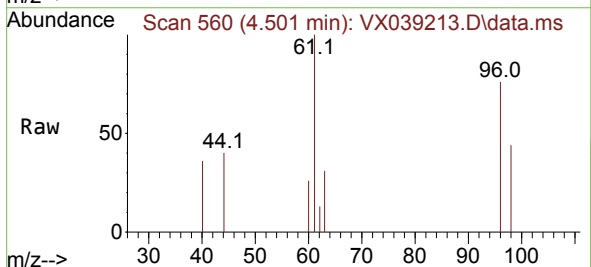
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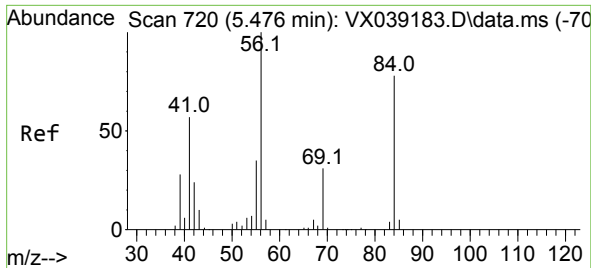
Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 0.707 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.019 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

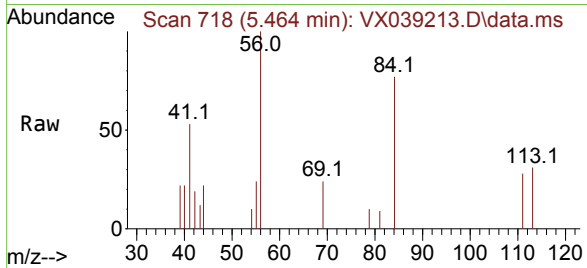
Tgt Ion: 96 Resp: 1141
Ion Ratio Lower Upper
96 100
61 126.6 0.0 312.2
98 55.5 0.0 129.0



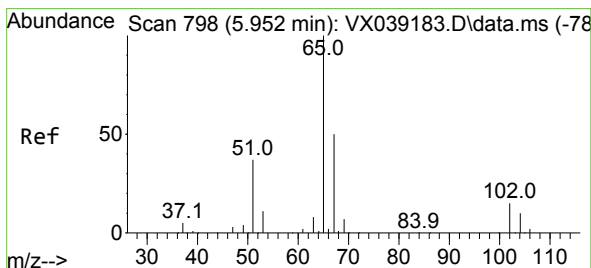
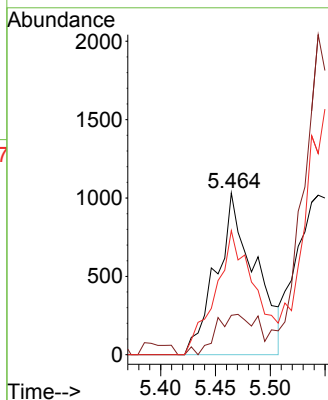
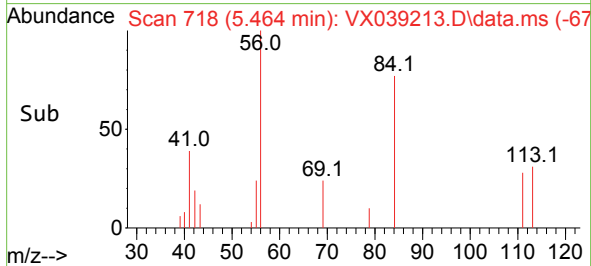


#31
Cyclohexane
Concen: 1.018 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
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Acq: 14 Dec 2023 17:05

Instrument :
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ClientSampleId :

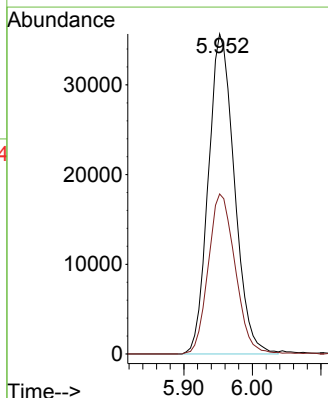
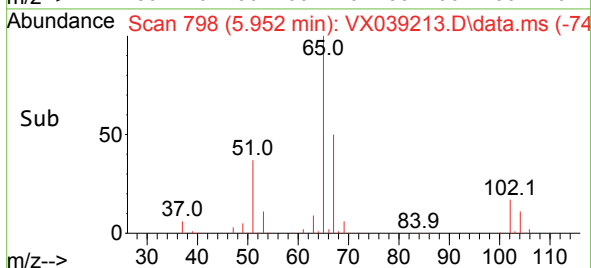
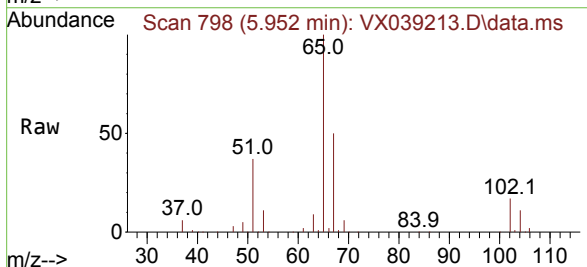


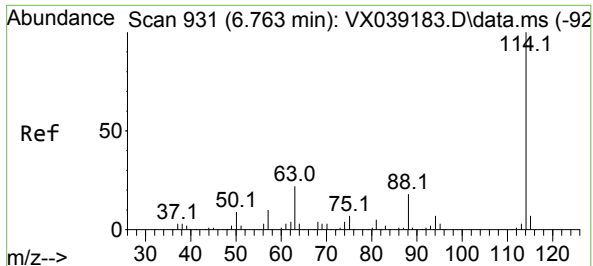
Tgt Ion: 56 Resp: 2516
Ion Ratio Lower Upper
56 100
69 24.3 23.4 35.2
84 76.6 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.231 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

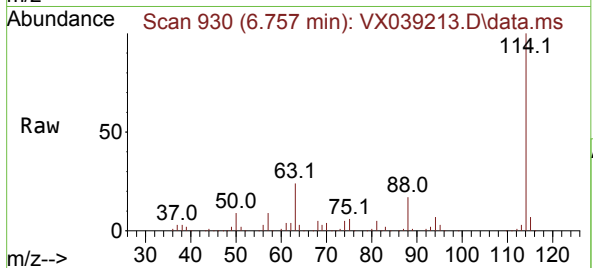
Tgt Ion: 65 Resp: 94200
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2



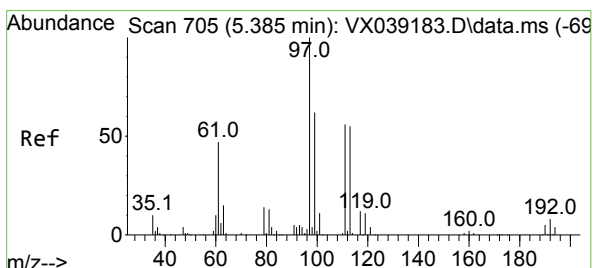
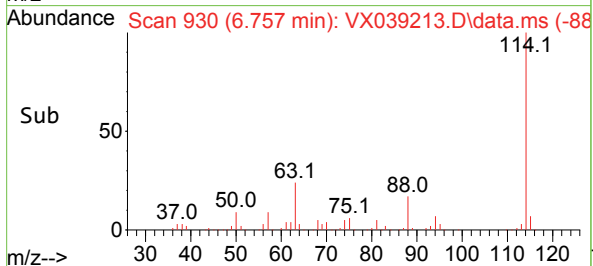
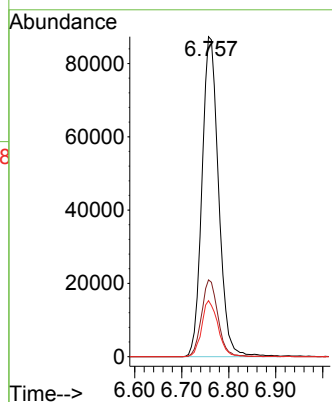


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :

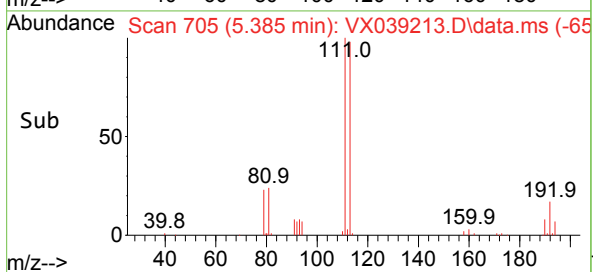
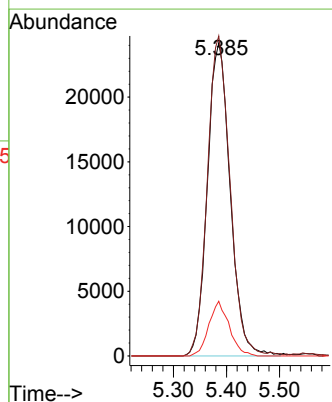
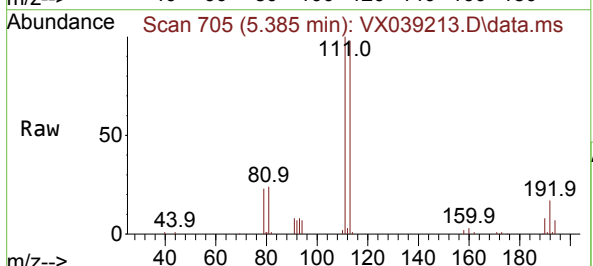


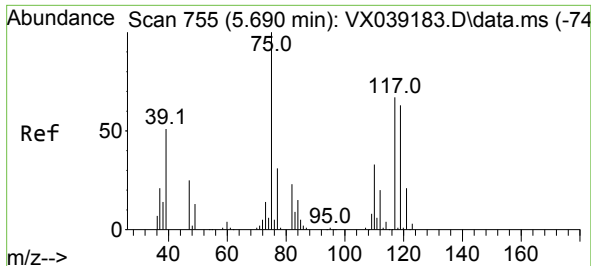
Tgt Ion:114 Resp: 213789
Ion Ratio Lower Upper
114 100
63 24.0 0.0 45.0
88 17.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.903 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

Tgt Ion:113 Resp: 72228
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 15.7 13.3 19.9

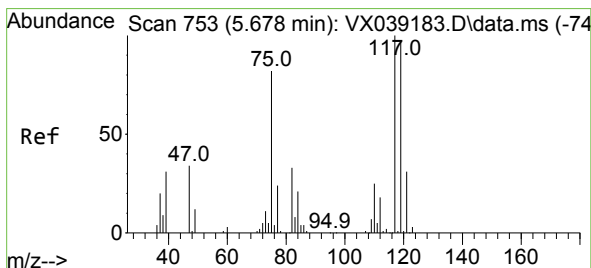
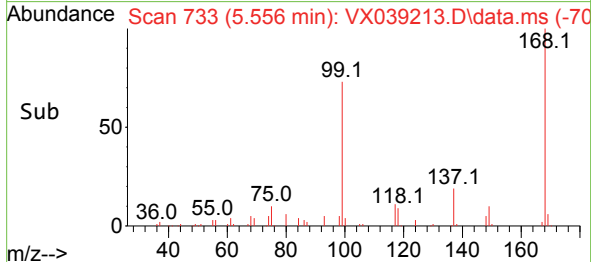
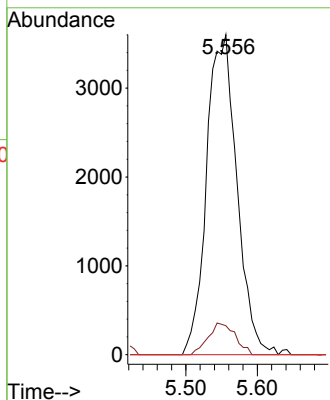
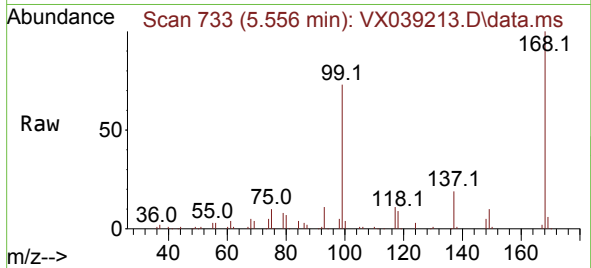




#36
1,1-Dichloropropene
Concen: 4.536 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

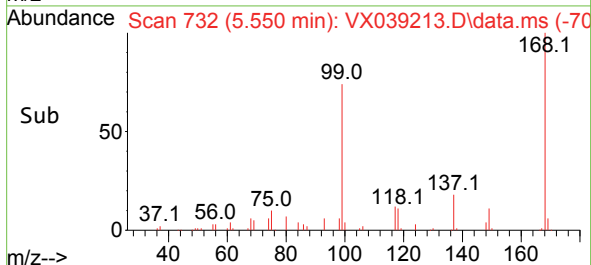
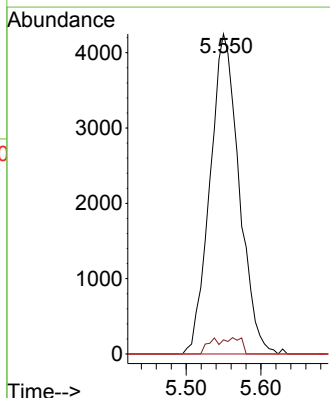
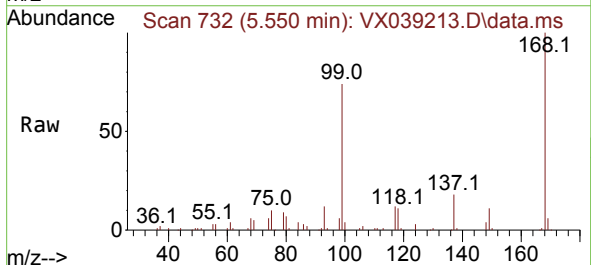
Instrument :
MSVOA_X
ClientSampleId :

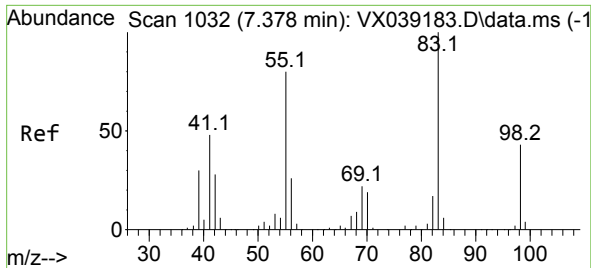
Tgt Ion: 75 Resp: 10571
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.178 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

Tgt Ion: 117 Resp: 11516
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#

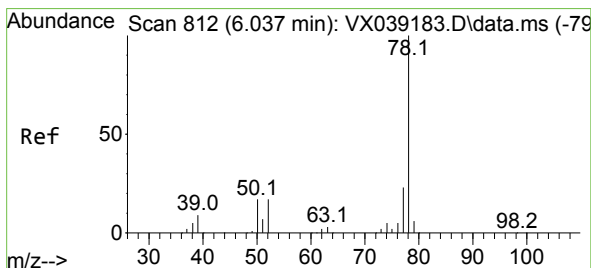
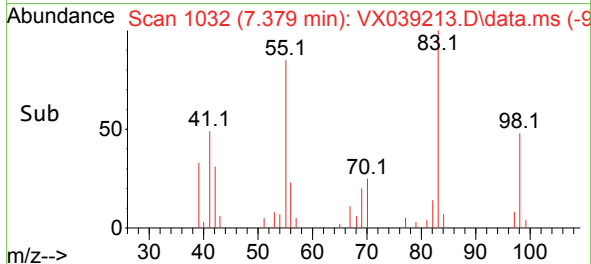
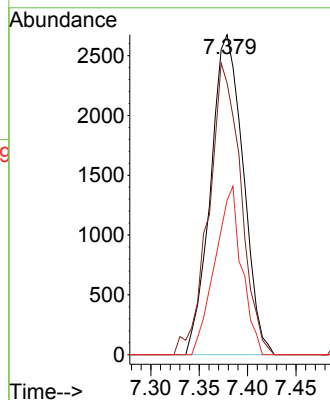
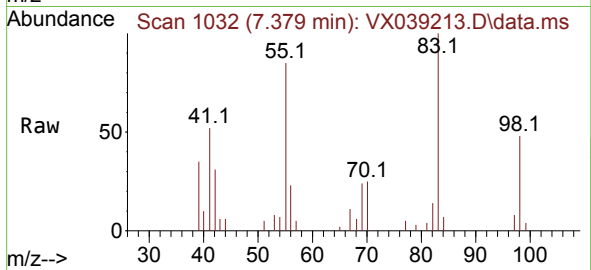




#39
Methylcyclohexane
Concen: 2.237 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

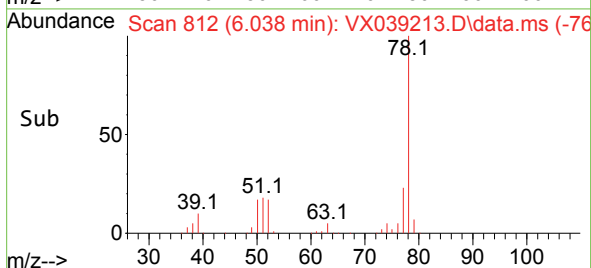
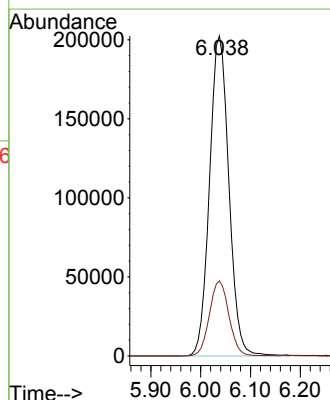
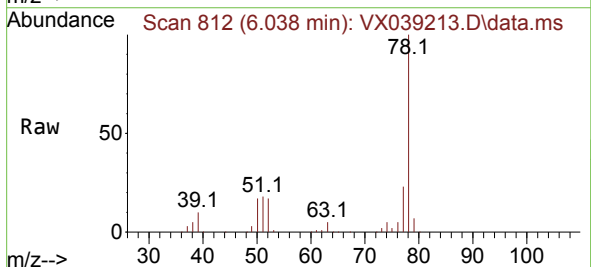
Instrument :
MSVOA_X
ClientSampleId :

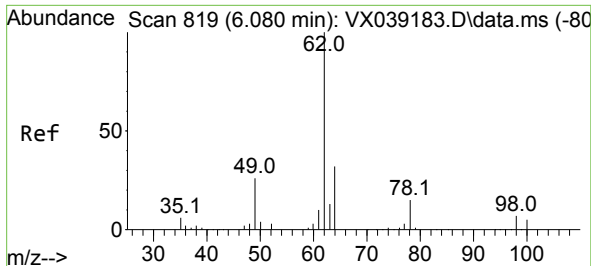
Tgt Ion: 83 Resp: 6263
Ion Ratio Lower Upper
83 100
55 84.9 64.6 97.0
98 48.3 36.7 55.1



#40
Benzene
Concen: 82.738 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

Tgt Ion: 78 Resp: 545488
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#42

1,2-Dichloroethane

Concen: 2.086 ug/l

RT: 6.038 min Scan# 81

Delta R.T. -0.042 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

Instrument :

MSVOA_X

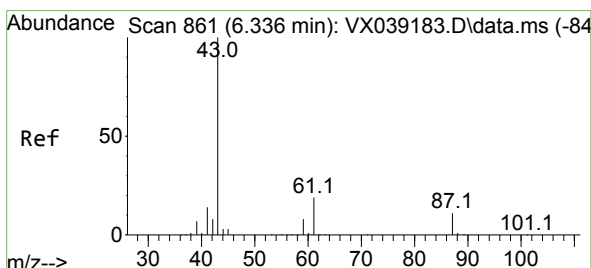
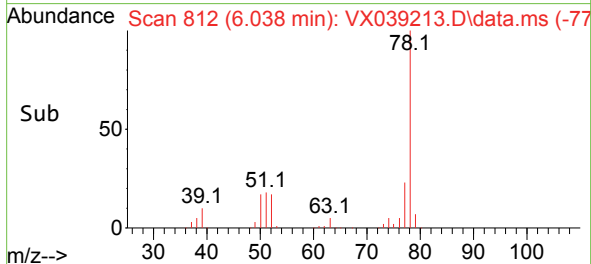
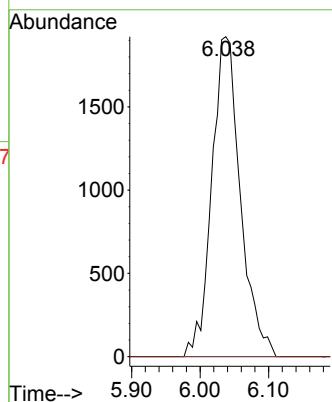
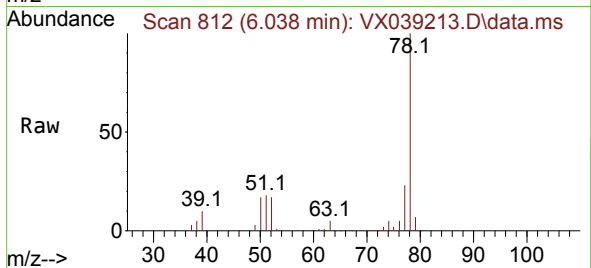
ClientSampleId :

Tgt Ion: 62 Resp: 5566

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#43

Isopropyl Acetate

Concen: 0.421 ug/l

RT: 6.324 min Scan# 859

Delta R.T. -0.012 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

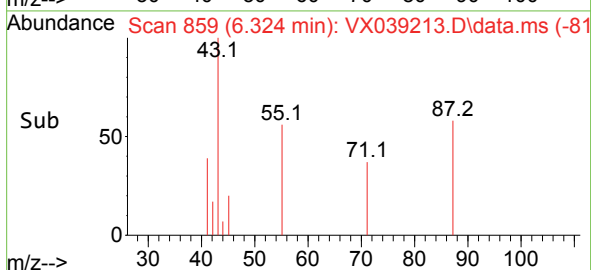
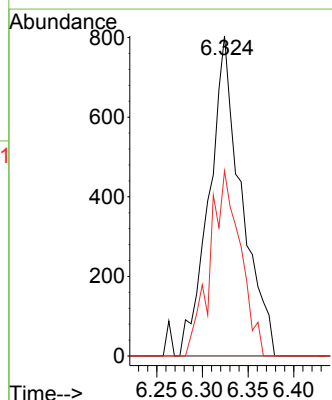
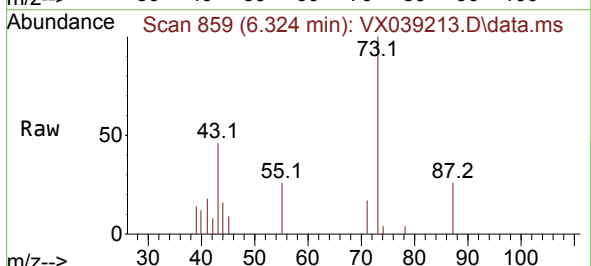
Tgt Ion: 43 Resp: 1971

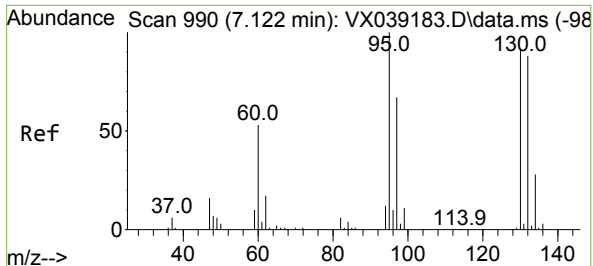
Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 54.7 9.8 14.6#

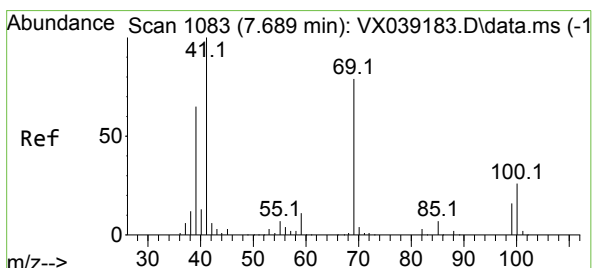
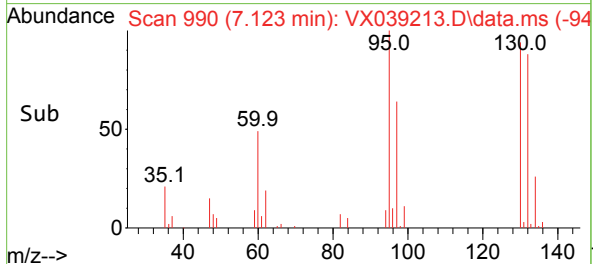
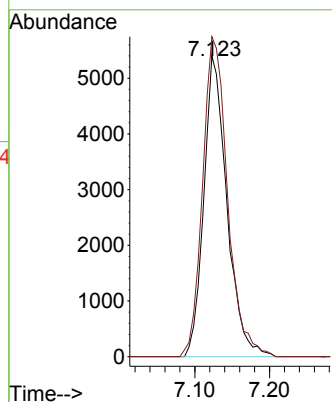
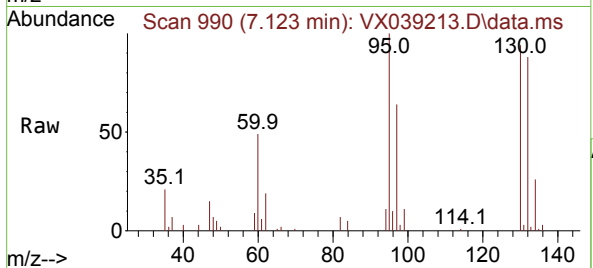




#44
Trichloroethene
Concen: 6.977 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

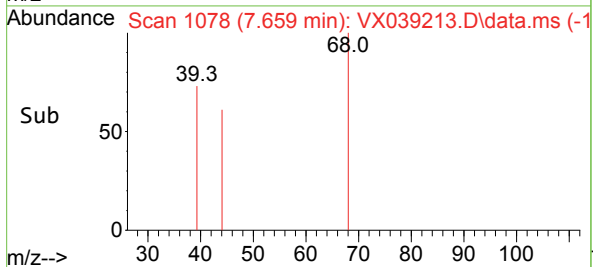
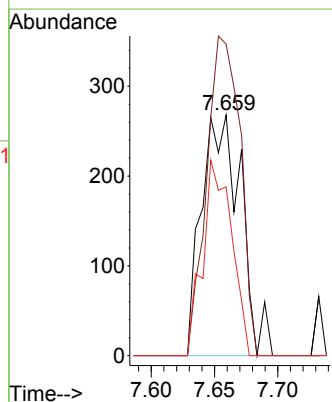
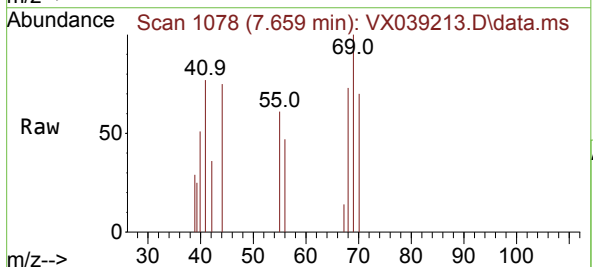
Instrument :
MSVOA_X
ClientSampleId :

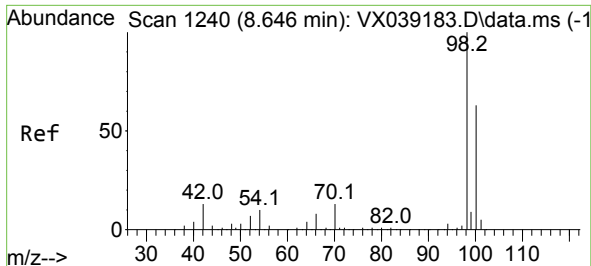
Tgt Ion:130 Resp: 11607
Ion Ratio Lower Upper
130 100
95 106.4 0.0 204.4



#48
Methyl methacrylate
Concen: 0.212 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.030 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

Tgt Ion: 41 Resp: 581
Ion Ratio Lower Upper
41 100
69 112.9 59.2 88.8#
39 59.4 47.7 71.5

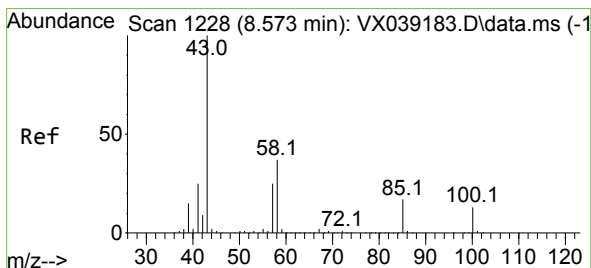
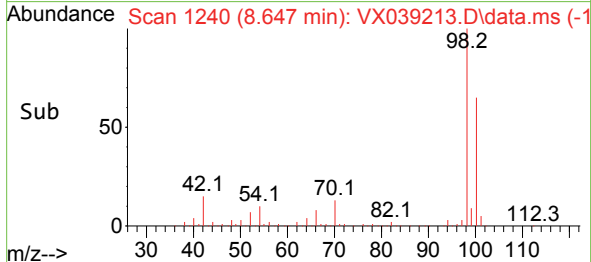
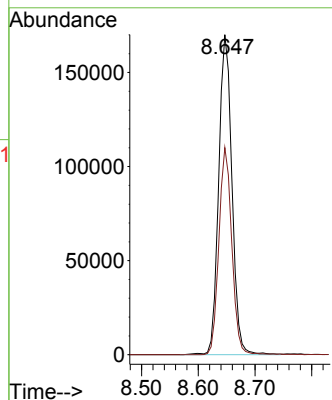
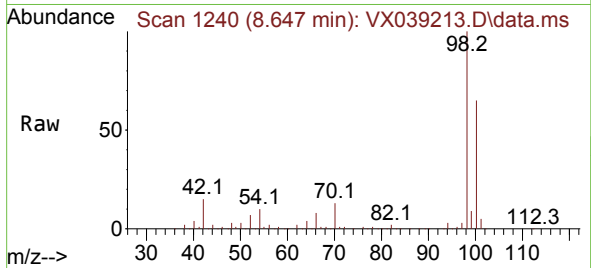




#50
Toluene-d8
Concen: 50.229 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

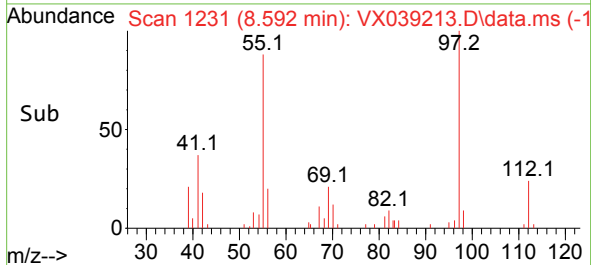
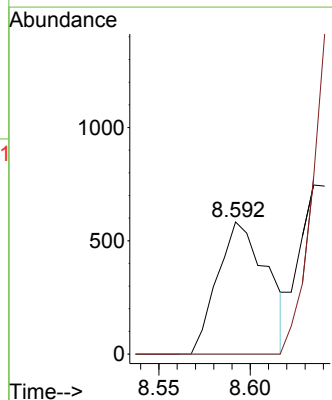
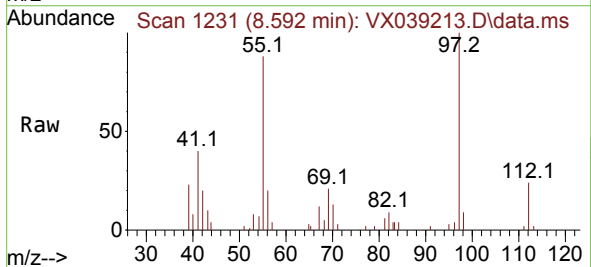
Instrument :
MSVOA_X
ClientSampleId :

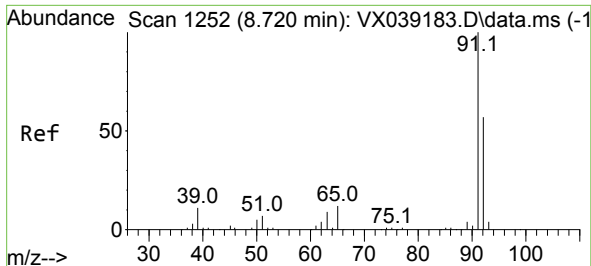
Tgt Ion: 98 Resp: 275420
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.368 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.019 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

Tgt Ion: 43 Resp: 1097
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#





#52

Toluene

Concen: 1.394 ug/l

RT: 8.726 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

Instrument :

MSVOA_X

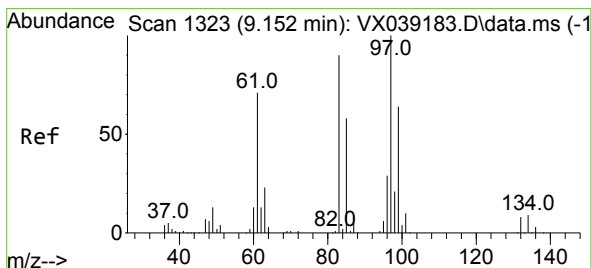
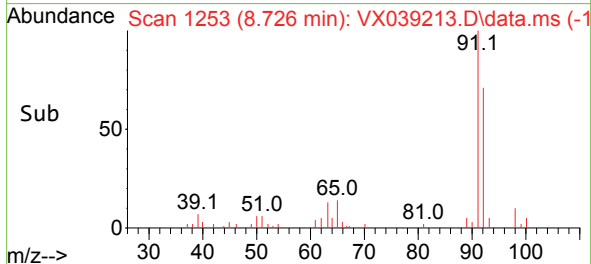
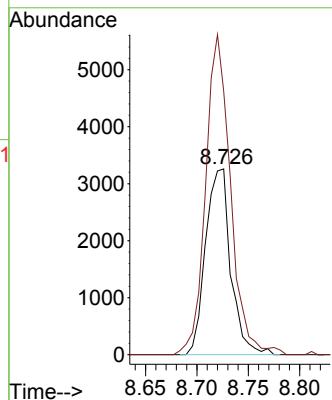
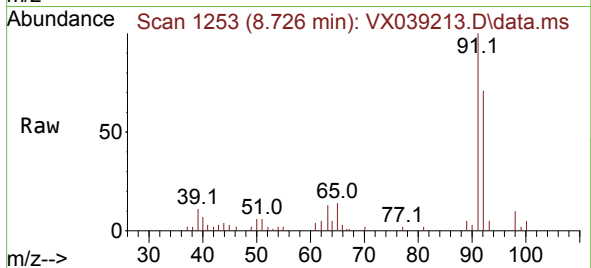
ClientSampleId :

Tgt Ion: 92 Resp: 5548

Ion Ratio Lower Upper

92 100

91 170.6 134.2 201.2



#55

1,1,2-Trichloroethane

Concen: 3.511 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.055 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

Tgt Ion: 97 Resp: 5833

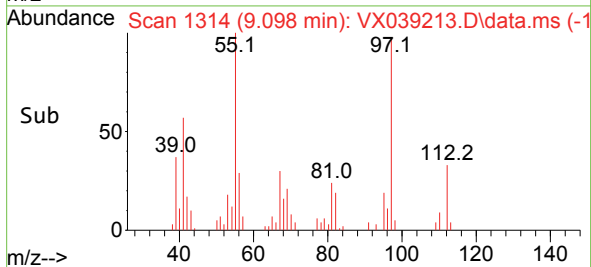
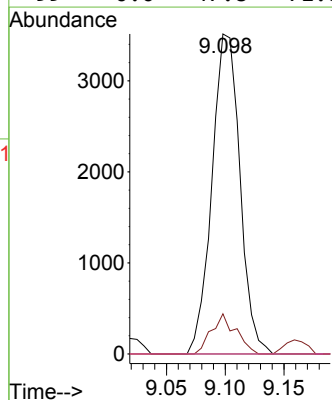
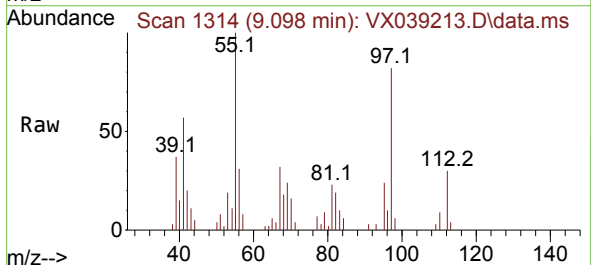
Ion Ratio Lower Upper

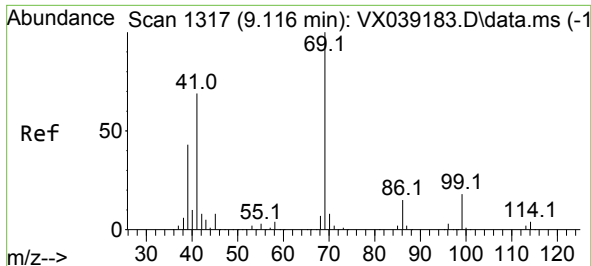
97 100

83 12.6 65.8 98.8#

85 0.0 41.6 62.4#

99 0.0 47.8 71.8#

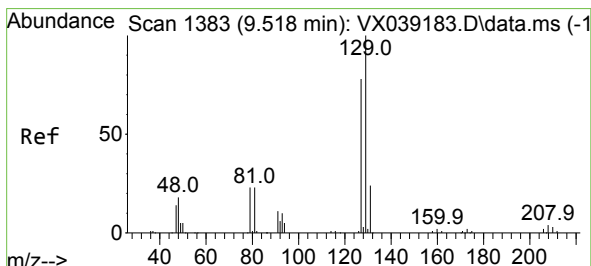
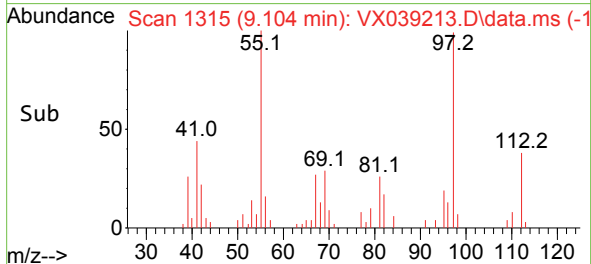
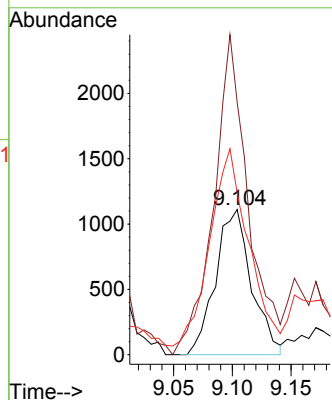
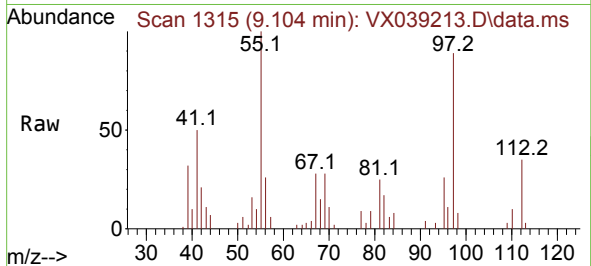




#56
Ethyl methacrylate
Concen: 1.169 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.012 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

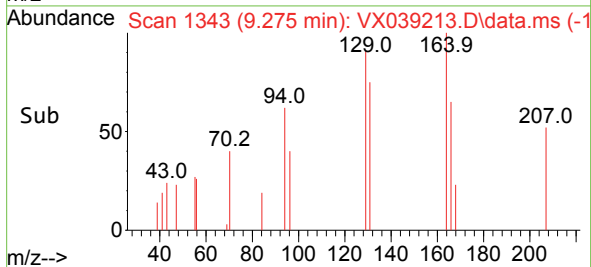
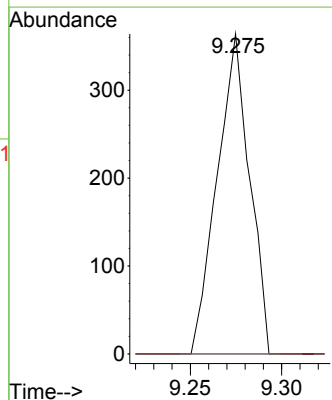
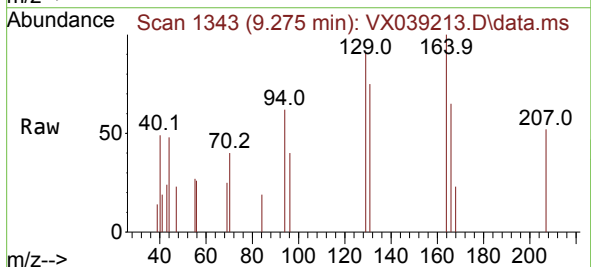
Instrument :
MSVOA_X
ClientSampleId :

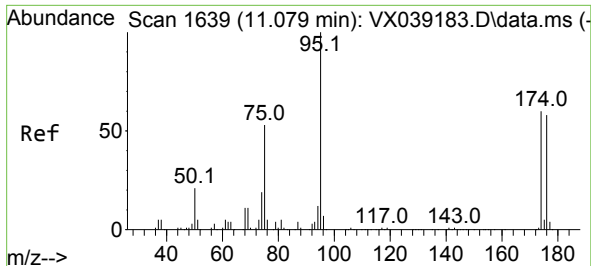
Tgt Ion: 69 Resp: 2371
Ion Ratio Lower Upper
69 100
41 209.8 56.8 85.2#
39 143.8 32.0 48.0#



#60
Dibromochloromethane
Concen: 0.267 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

Tgt Ion:129 Resp: 448
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

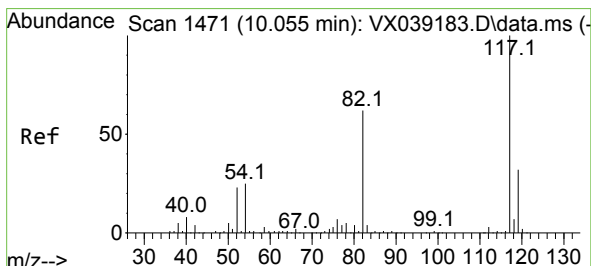
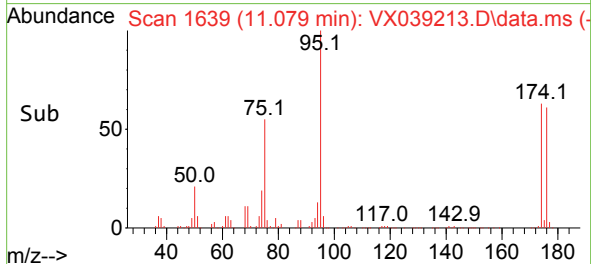
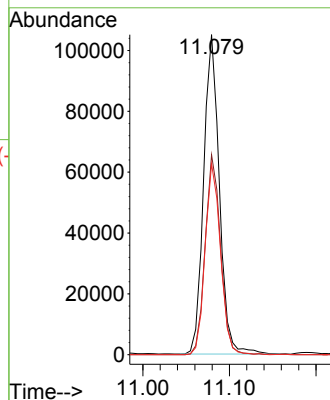
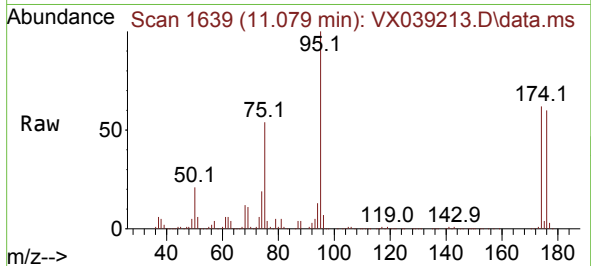




#62
4-Bromofluorobenzene
Concen: 58.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

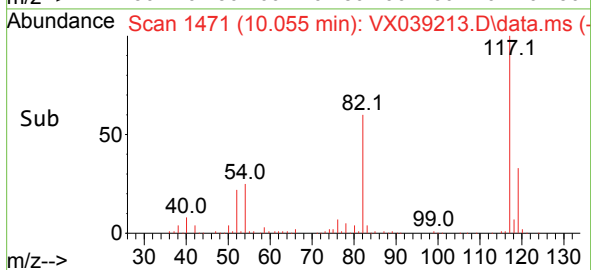
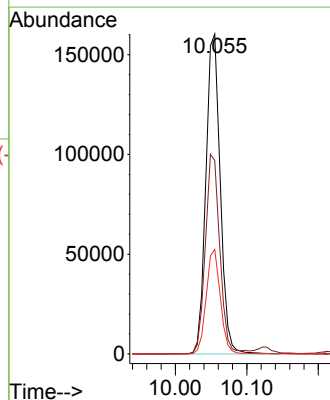
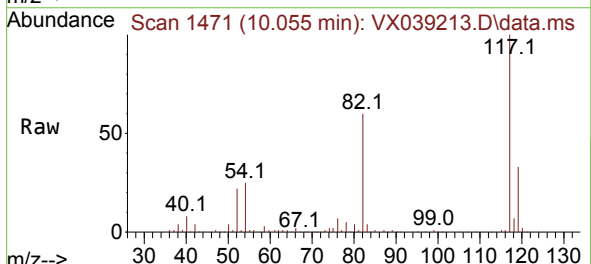
Instrument :
MSVOA_X
ClientSampleId :

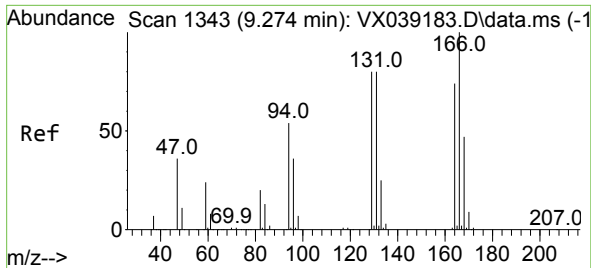
Tgt Ion: 95 Resp: 132486
Ion Ratio Lower Upper
95 100
174 61.4 0.0 135.6
176 58.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

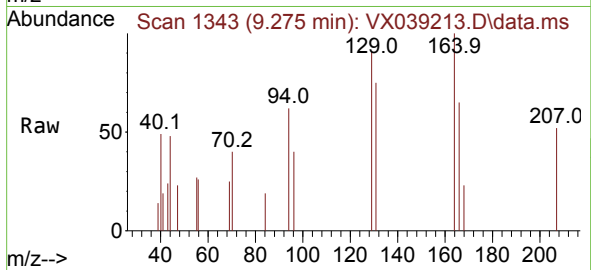
Tgt Ion: 117 Resp: 224523
Ion Ratio Lower Upper
117 100
82 60.4 46.2 69.4
119 32.7 25.5 38.3



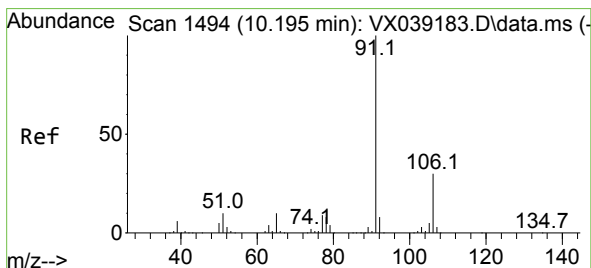
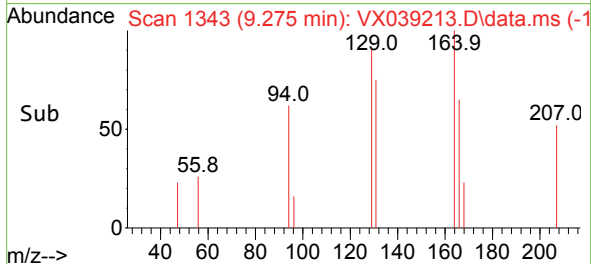
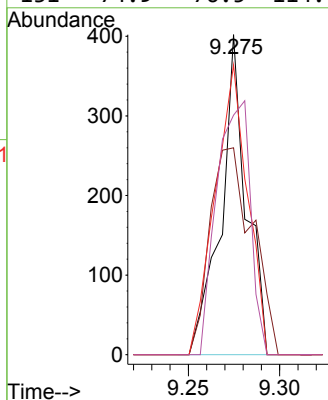


#64
Tetrachloroethene
Concen: 0.264 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :

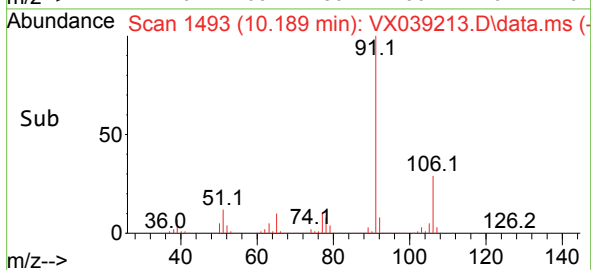
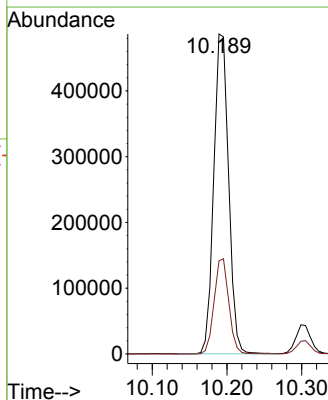
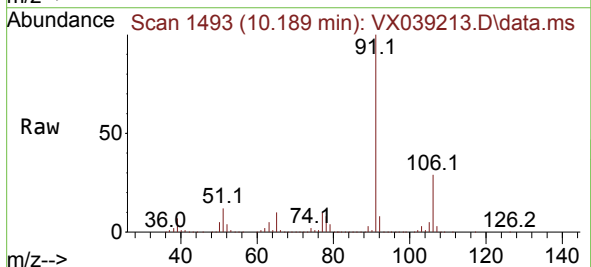


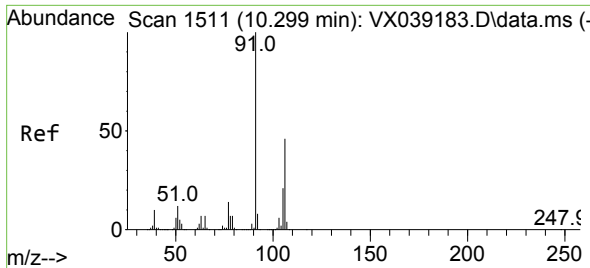
Tgt Ion:164 Resp: 388
Ion Ratio Lower Upper
164 100
166 64.7 102.7 154.1#
129 90.5 80.4 120.6
131 74.9 76.5 114.7#



#67
Ethyl Benzene
Concen: 73.753 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

Tgt Ion: 91 Resp: 672791
Ion Ratio Lower Upper
91 100
106 29.1 24.9 37.3

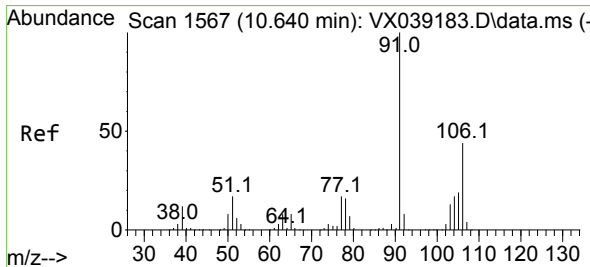
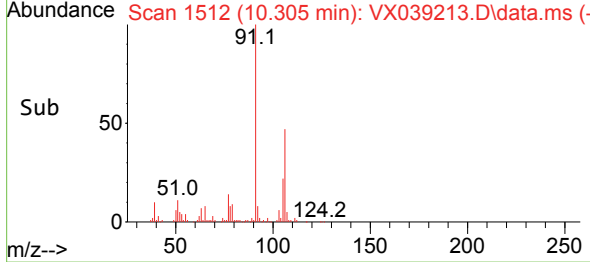
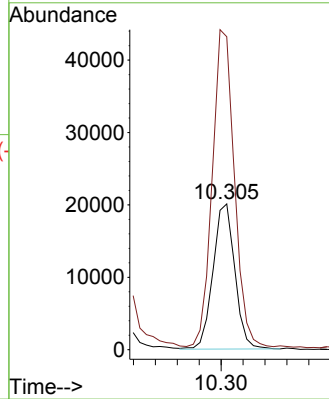
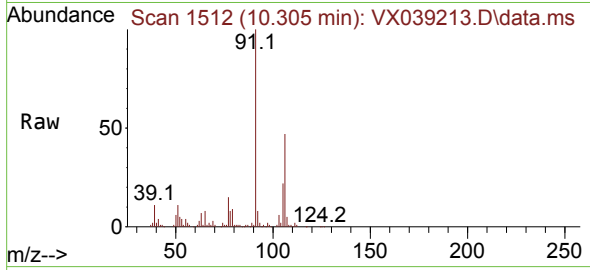




#68
m/p-Xylenes
Concen: 8.492 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

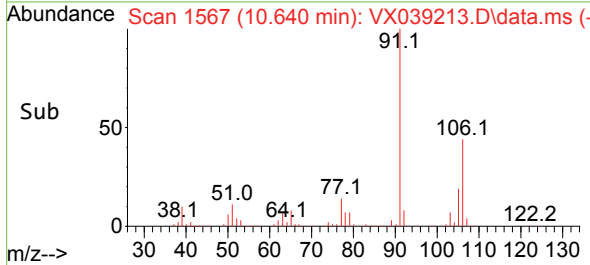
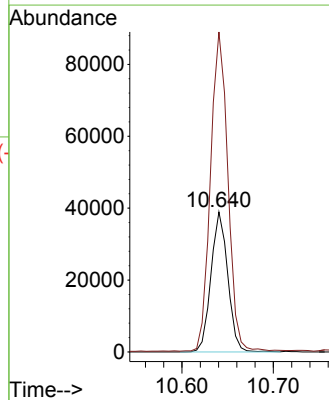
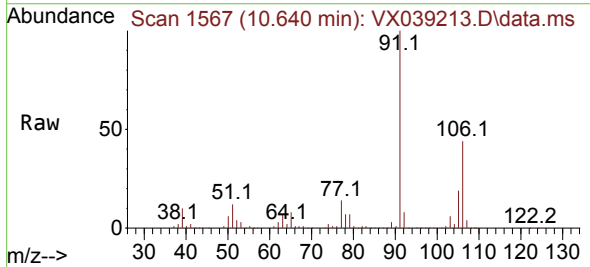
Instrument :
MSVOA_X
ClientSampleId :

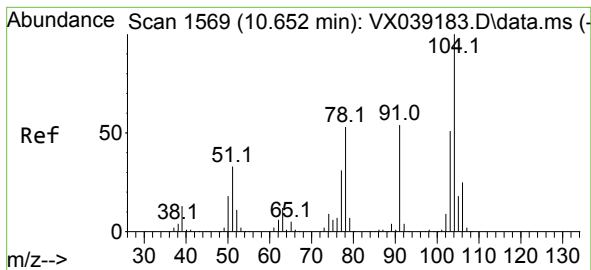
Tgt Ion:106 Resp: 27776
Ion Ratio Lower Upper
106 100
91 223.4 165.5 248.3



#69
o-Xylene
Concen: 15.670 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039213.D
Acq: 14 Dec 2023 17:05

Tgt Ion:106 Resp: 49555
Ion Ratio Lower Upper
106 100
91 236.1 108.9 326.8





#70

Styrene

Concen: 0.620 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.012 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

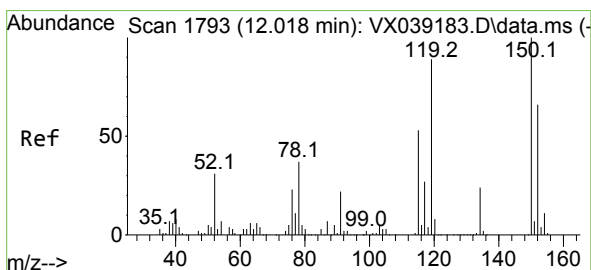
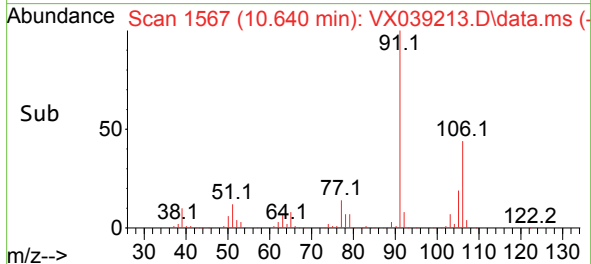
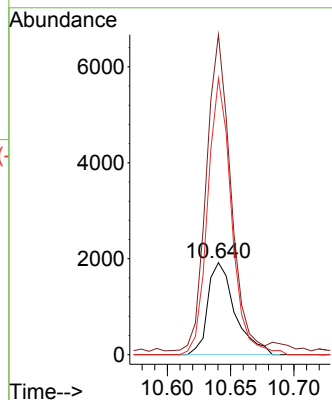
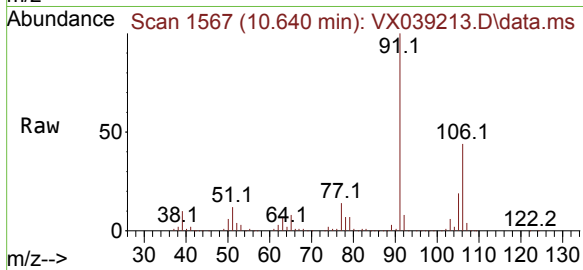
Tgt Ion:104 Resp: 2868

Ion Ratio Lower Upper

104 100

78 304.5 43.6 65.4#

103 263.4 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

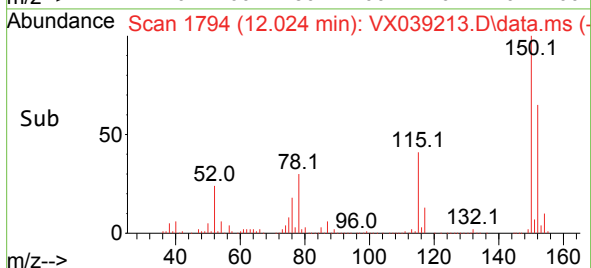
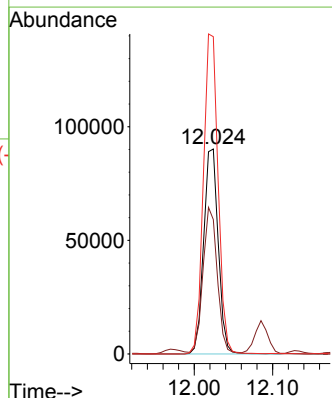
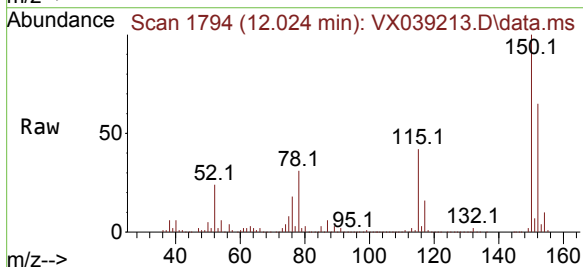
Tgt Ion:152 Resp: 116733

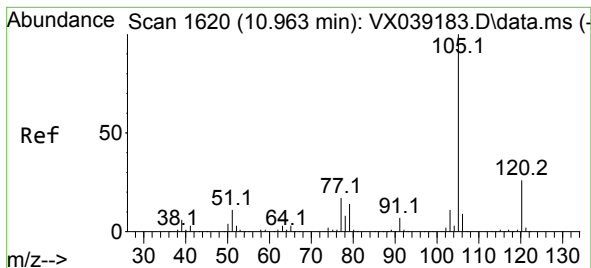
Ion Ratio Lower Upper

152 100

115 69.3 43.3 129.9

150 156.7 0.0 345.0





#73

Isopropylbenzene

Concen: 12.969 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

Instrument :

MSVOA_X

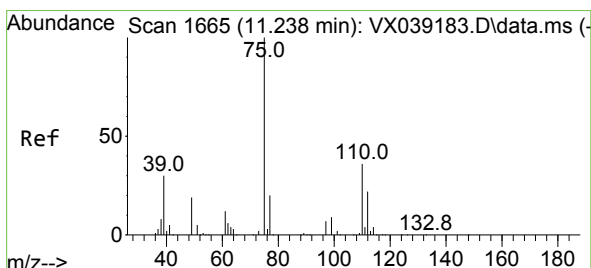
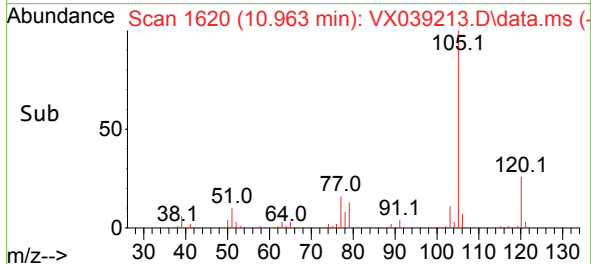
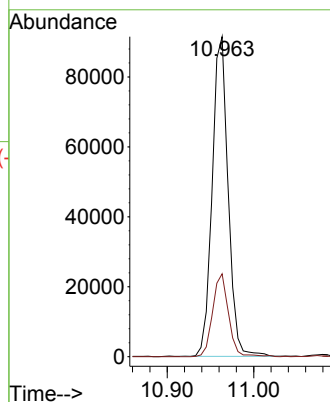
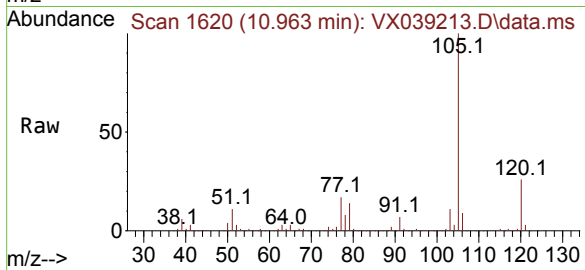
ClientSampleId :

Tgt Ion:105 Resp: 116806

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#76

1,2,3-Trichloropropane

Concen: 23.755 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039213.D

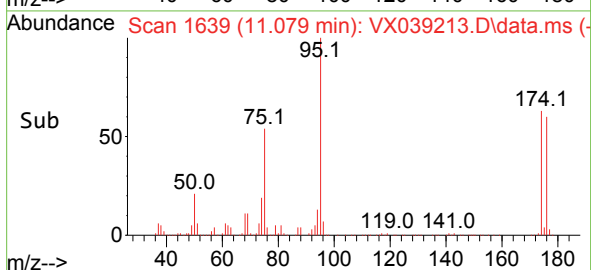
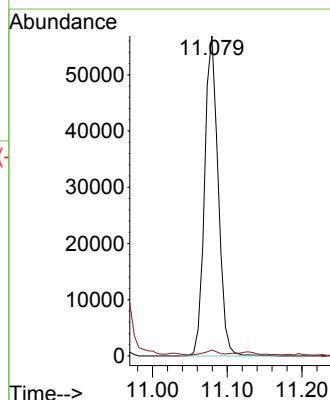
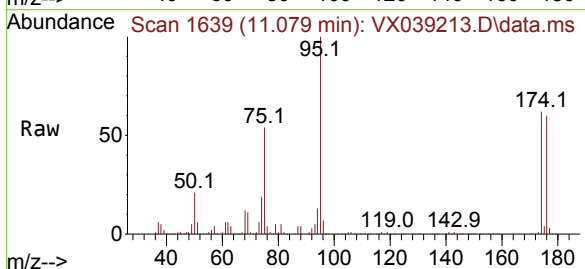
Acq: 14 Dec 2023 17:05

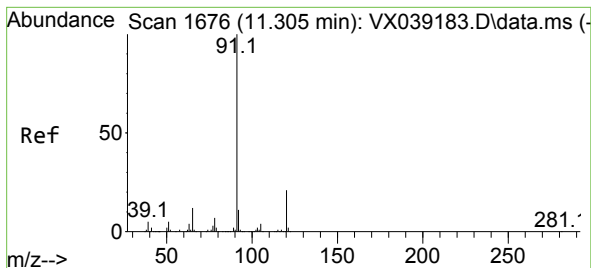
Tgt Ion: 75 Resp: 71743

Ion Ratio Lower Upper

75 100

77 1.5 19.1 57.5#





#78

n-propylbenzene

Concen: 7.738 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

Instrument :

MSVOA_X

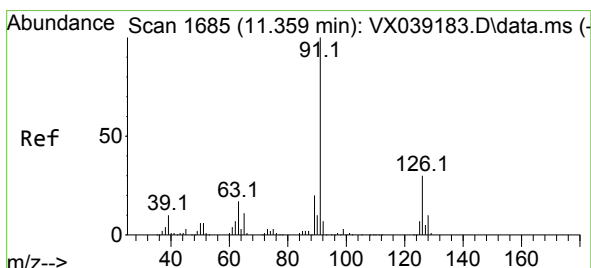
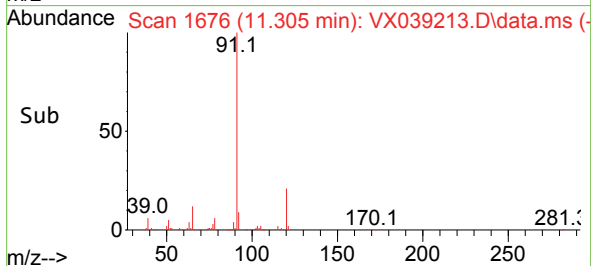
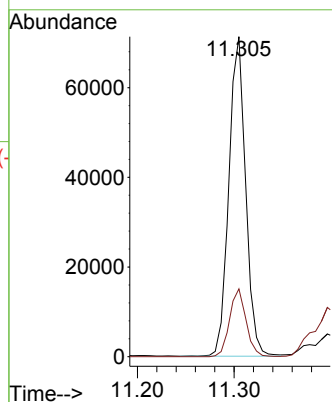
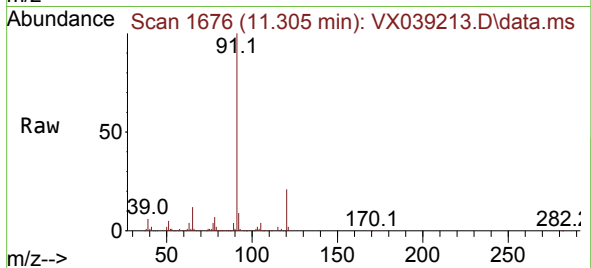
ClientSampleId :

Tgt Ion: 91 Resp: 85871

Ion Ratio Lower Upper

91 100

120 20.8 11.5 34.4



#79

2-Chlorotoluene

Concen: 1.346 ug/l

RT: 11.396 min Scan# 1691

Delta R.T. 0.037 min

Lab File: VX039213.D

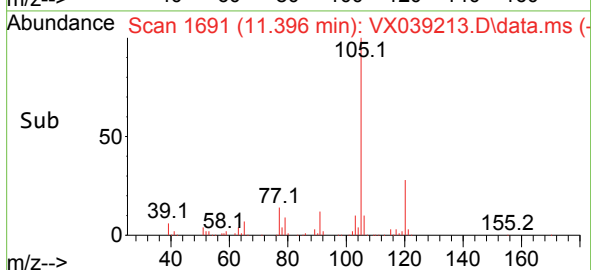
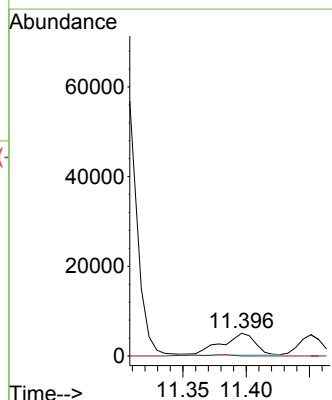
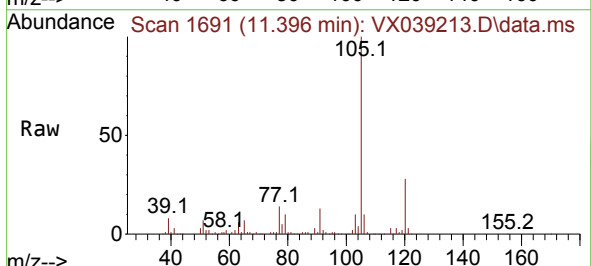
Acq: 14 Dec 2023 17:05

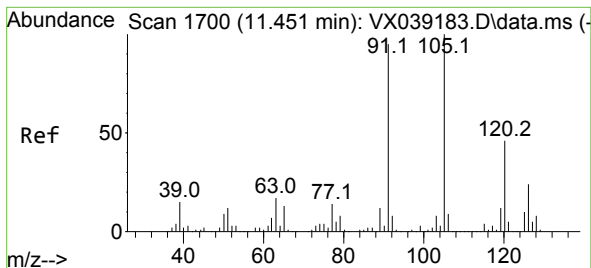
Tgt Ion: 91 Resp: 9033

Ion Ratio Lower Upper

91 100

126 3.2 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 5.107 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

Instrument :

MSVOA_X

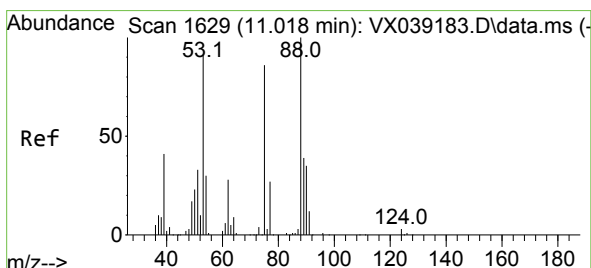
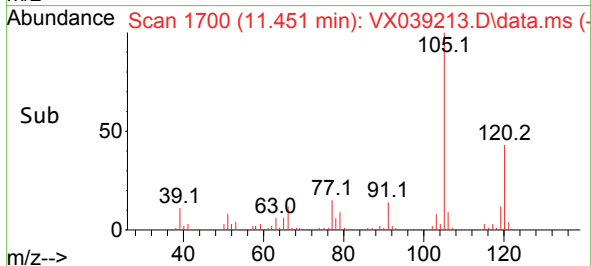
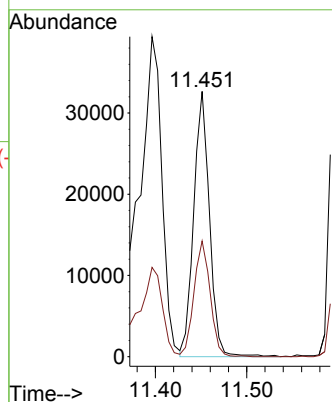
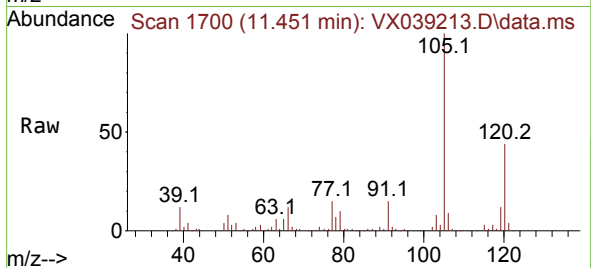
ClientSampleId :

Tgt Ion:105 Resp: 39182

Ion Ratio Lower Upper

105 100

120 44.9 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 67.014 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

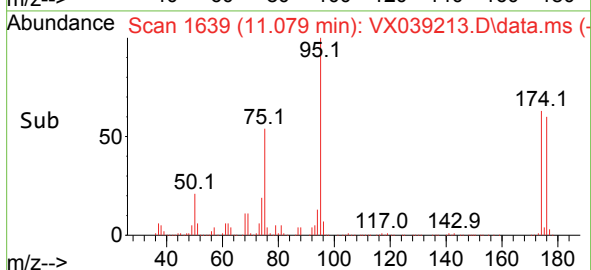
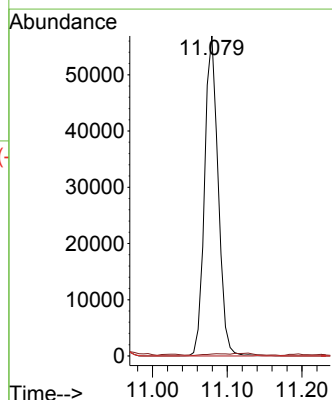
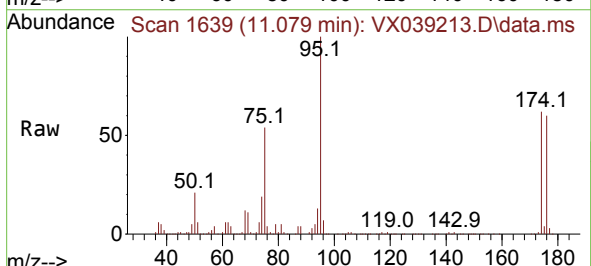
Tgt Ion: 75 Resp: 71743

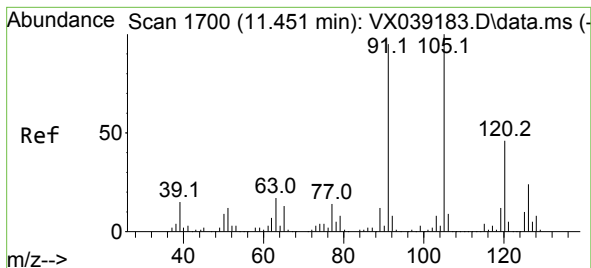
Ion Ratio Lower Upper

75 100

53 0.9 90.5 135.7#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.713 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

Instrument :

MSVOA_X

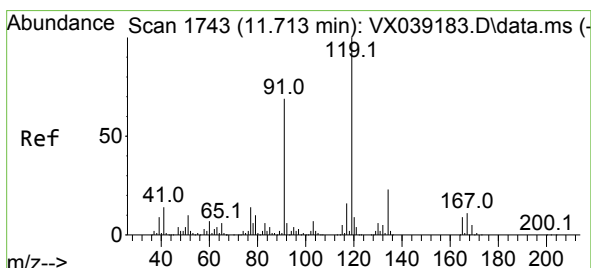
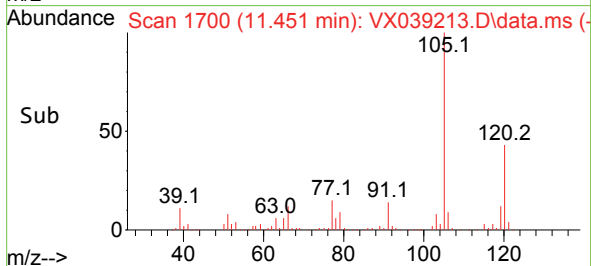
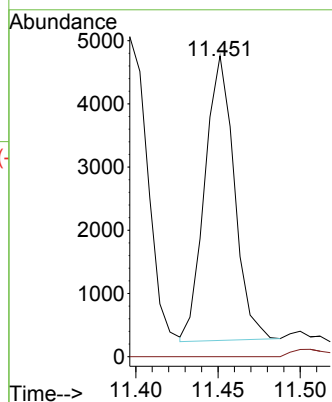
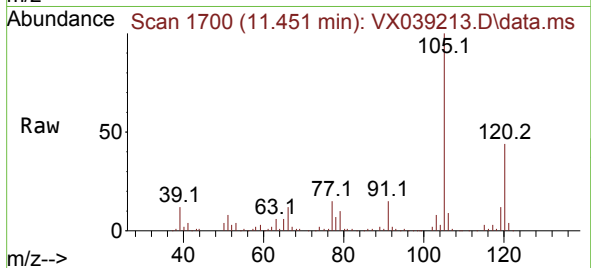
ClientSampleId :

Tgt Ion: 91 Resp: 5619

Ion Ratio Lower Upper

91 100

126 0.0 14.2 42.6#



#83

tert-Butylbenzene

Concen: 3.665 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.256 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

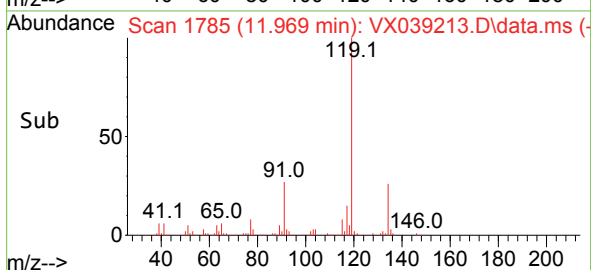
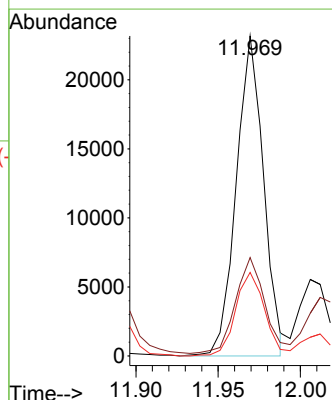
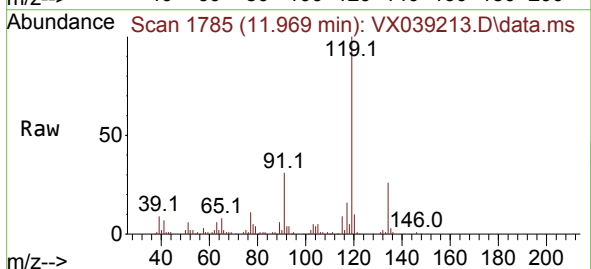
Tgt Ion: 119 Resp: 26764

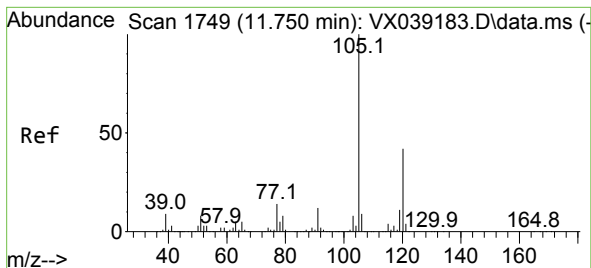
Ion Ratio Lower Upper

119 100

91 31.4 31.2 93.6

134 27.5 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 43.726 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

Instrument :

MSVOA_X

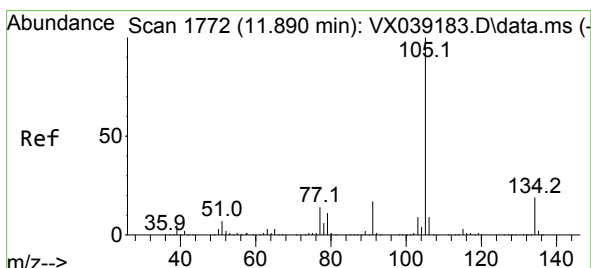
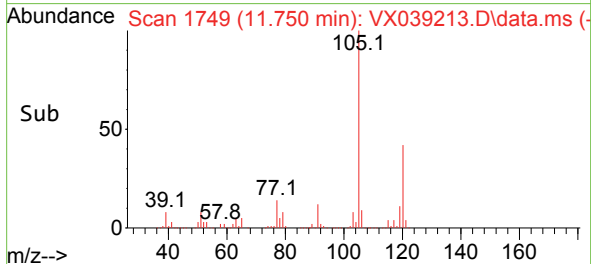
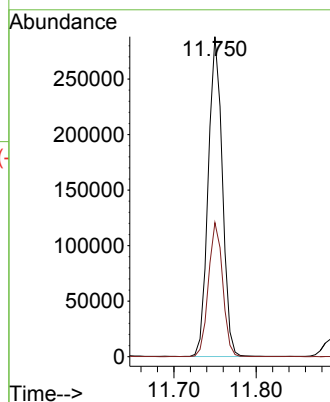
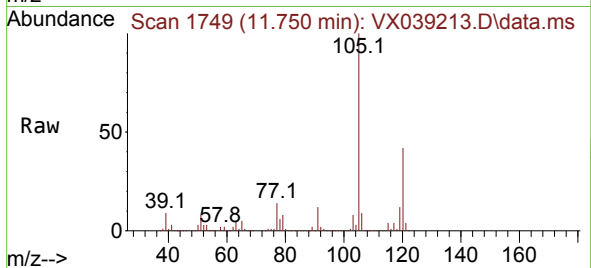
ClientSampleId :

Tgt Ion:105 Resp: 344039

Ion Ratio Lower Upper

105 100

120 42.1 21.2 63.6



#85

sec-Butylbenzene

Concen: 1.984 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX039213.D

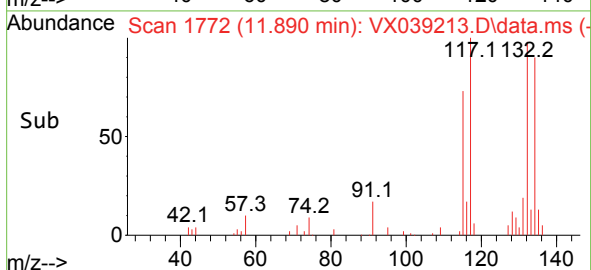
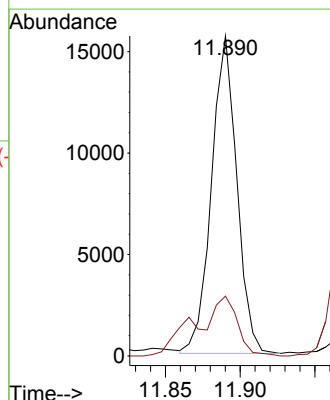
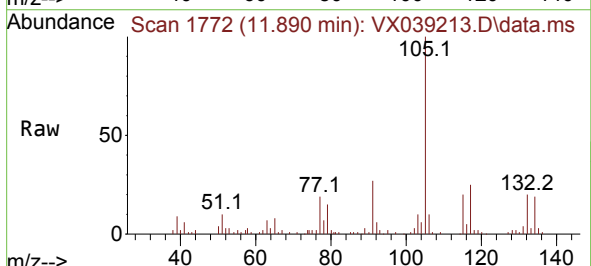
Acq: 14 Dec 2023 17:05

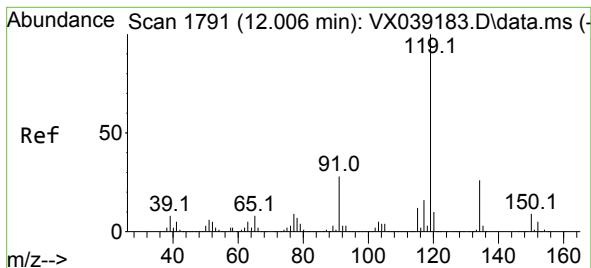
Tgt Ion:105 Resp: 18436

Ion Ratio Lower Upper

105 100

134 17.3 9.8 29.4





#86

p-Isopropyltoluene

Concen: 3.491 ug/l

RT: 11.969 min Scan# 11

Delta R.T. -0.036 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

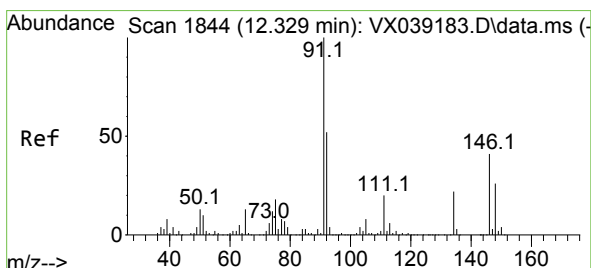
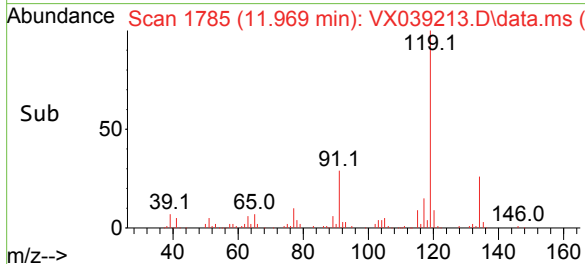
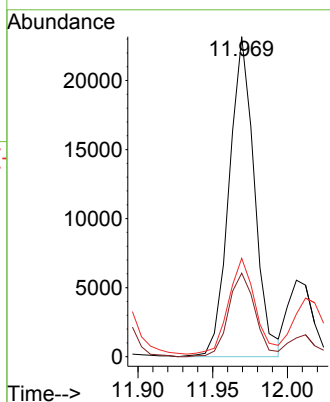
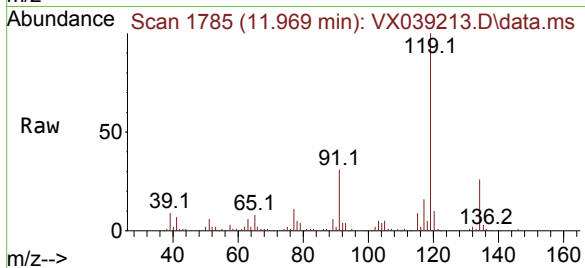
Tgt Ion:119 Resp: 27226

Ion Ratio Lower Upper

119 100

134 27.5 12.8 38.3

91 31.8 13.1 39.3



#89

n-Butylbenzene

Concen: 4.134 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.018 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

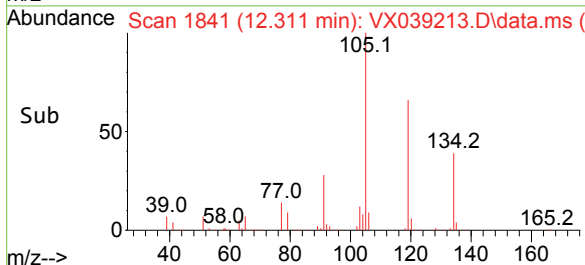
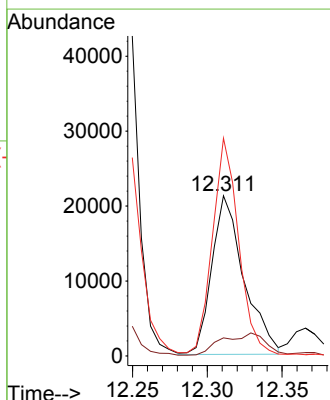
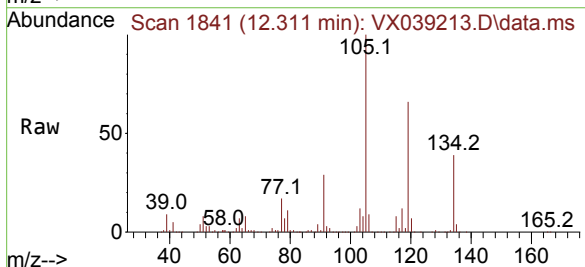
Tgt Ion: 91 Resp: 31688

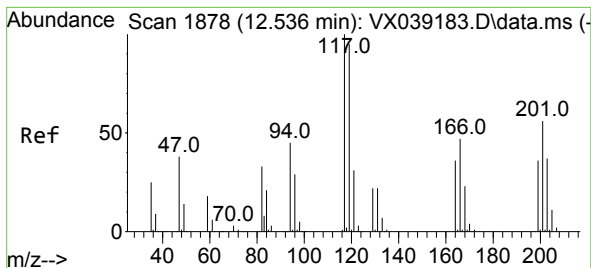
Ion Ratio Lower Upper

91 100

92 18.8 27.4 82.0#

134 112.2 12.6 37.8#





#90

Hexachloroethane

Concen: 22.817 ug/l

RT: 12.549 min Scan# 117

Delta R.T. 0.013 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

Instrument :

MSVOA_X

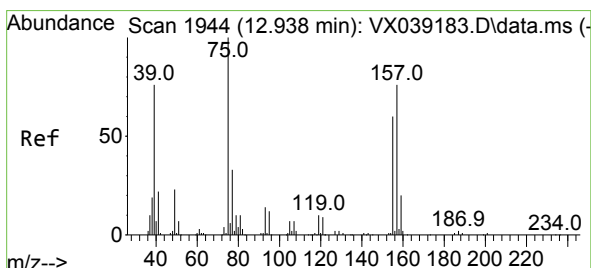
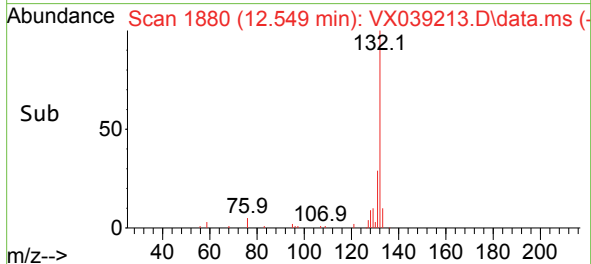
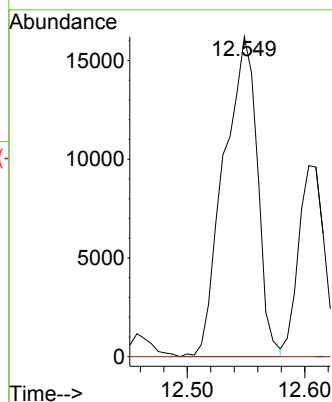
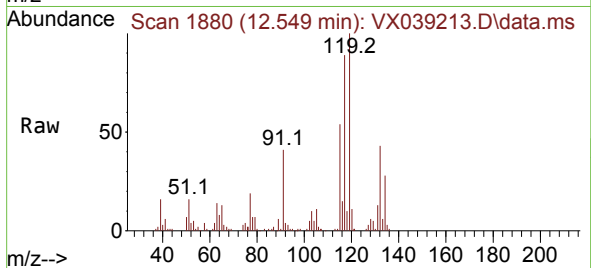
ClientSampleId :

Tgt Ion:117 Resp: 32140

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.475 ug/l

RT: 12.920 min Scan# 1941

Delta R.T. -0.018 min

Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

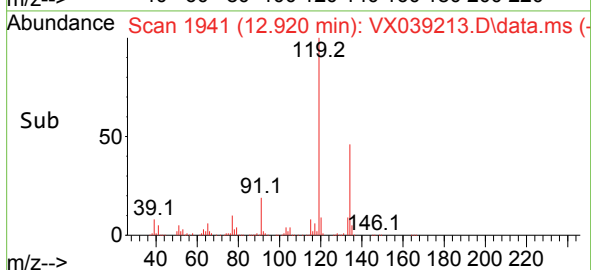
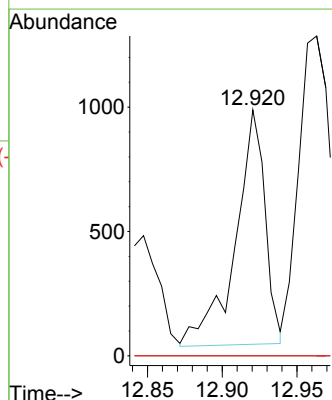
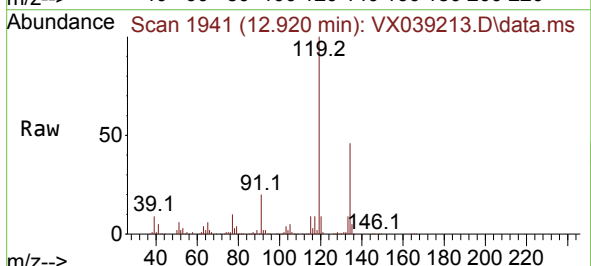
Tgt Ion: 75 Resp: 1302

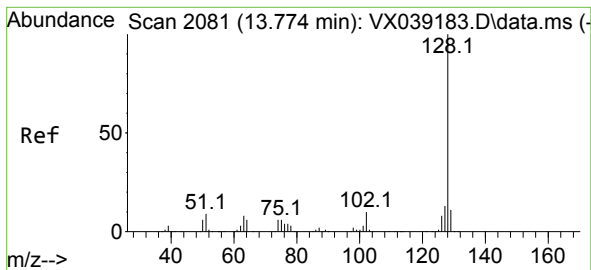
Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

157 0.0 44.9 134.7#





#95

Naphthalene

Concen: 131.656 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

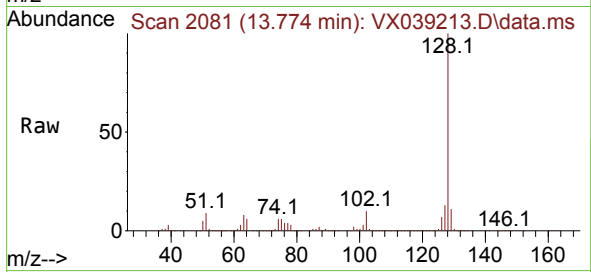
Lab File: VX039213.D

Acq: 14 Dec 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1123979

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 12.5 8.8 13.2

