

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
 Data File : VX028109.D
 Acq On : 14 Apr 2022 16:01
 Operator : JC/MD
 Sample : N2403-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-48

Quant Time: Apr 15 03:15:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	250667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	431081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	409425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	237453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	161722	47.555	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.100%
35) Dibromofluoromethane	5.391	113	140133	49.609	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.220%
50) Toluene-d8	8.653	98	521254	49.478	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.960%
62) 4-Bromofluorobenzene	11.079	95	196985	50.078	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.160%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	1251	Below Cal	#	73
6) Chloroethane	1.691	64	404	2.746	ug/l #	48
11) Tert butyl alcohol	2.953	59	354503	449.083	ug/l	99
13) Acrolein	2.239	56	74	Below Cal	#	15
14) Allyl chloride	2.782	41	5805	1.326	ug/l #	72
15) Acrylonitrile	3.117	53	9191	5.619	ug/l #	28
16) Acetone	2.380	43	19199	13.550	ug/l #	86
17) Carbon Disulfide	2.514	76	1551	0.239	ug/l	99
18) Methyl Acetate	2.782	43	15289	4.044	ug/l #	46
19) Methyl tert-butyl Ether	3.111	73	860022	92.554	ug/l	96
22) Diisopropyl ether	3.764	45	5671	0.604	ug/l #	73
23) Vinyl Acetate	3.770	43	3818	0.457	ug/l #	66
25) 2-Butanone	4.574	43	9505	3.881	ug/l	94
29) Tetrahydrofuran	5.019	42	2628	1.642	ug/l #	80
31) Cyclohexane	5.477	56	13312	2.847	ug/l	98
36) 1,1-Dichloropropene	5.556	75	19187	4.451	ug/l #	50
38) Carbon Tetrachloride	5.562	117	24638	5.353	ug/l #	15
39) Methylcyclohexane	7.379	83	7036	1.381	ug/l	96
40) Benzene	6.044	78	91130	7.269	ug/l	99
42) 1,2-Dichloroethane	6.098	62	2505	0.529	ug/l	82
43) Isopropyl Acetate	6.233	43	210699	25.182	ug/l #	58
51) 4-Methyl-2-Pentanone	8.501	43	80553	15.100	ug/l #	56
52) Toluene	8.720	92	521922	62.403	ug/l	100
53) t-1,3-Dichloropropene	8.842	75	1203	0.236	ug/l #	57
55) 1,1,2-Trichloroethane	9.104	97	746	0.220	ug/l #	16
56) Ethyl methacrylate	9.128	69	1113	0.209	ug/l #	1
59) 2-Hexanone	9.561	43	8070	1.932	ug/l	84
67) Ethyl Benzene	10.195	91	1160866	73.792	ug/l	97
68) m/p-Xylenes	10.305	106	1106664	168.467	ug/l	97
69) o-Xylene	10.646	106	471579	73.851	ug/l	100
70) Styrene	10.646	104	24088	6.437	ug/l #	1
73) Isopropylbenzene	10.963	105	108781	6.449	ug/l	99
74) N-amyl acetate	10.793	43	42533	5.834	ug/l #	13
75) 1,1,2,2-Tetrachloroethane	11.159	83	4691	0.796	ug/l #	40
76) 1,2,3-Trichloropropane	11.378	75	7619	1.441	ug/l #	1
78) n-propylbenzene	11.305	91	215682	11.002	ug/l	99

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

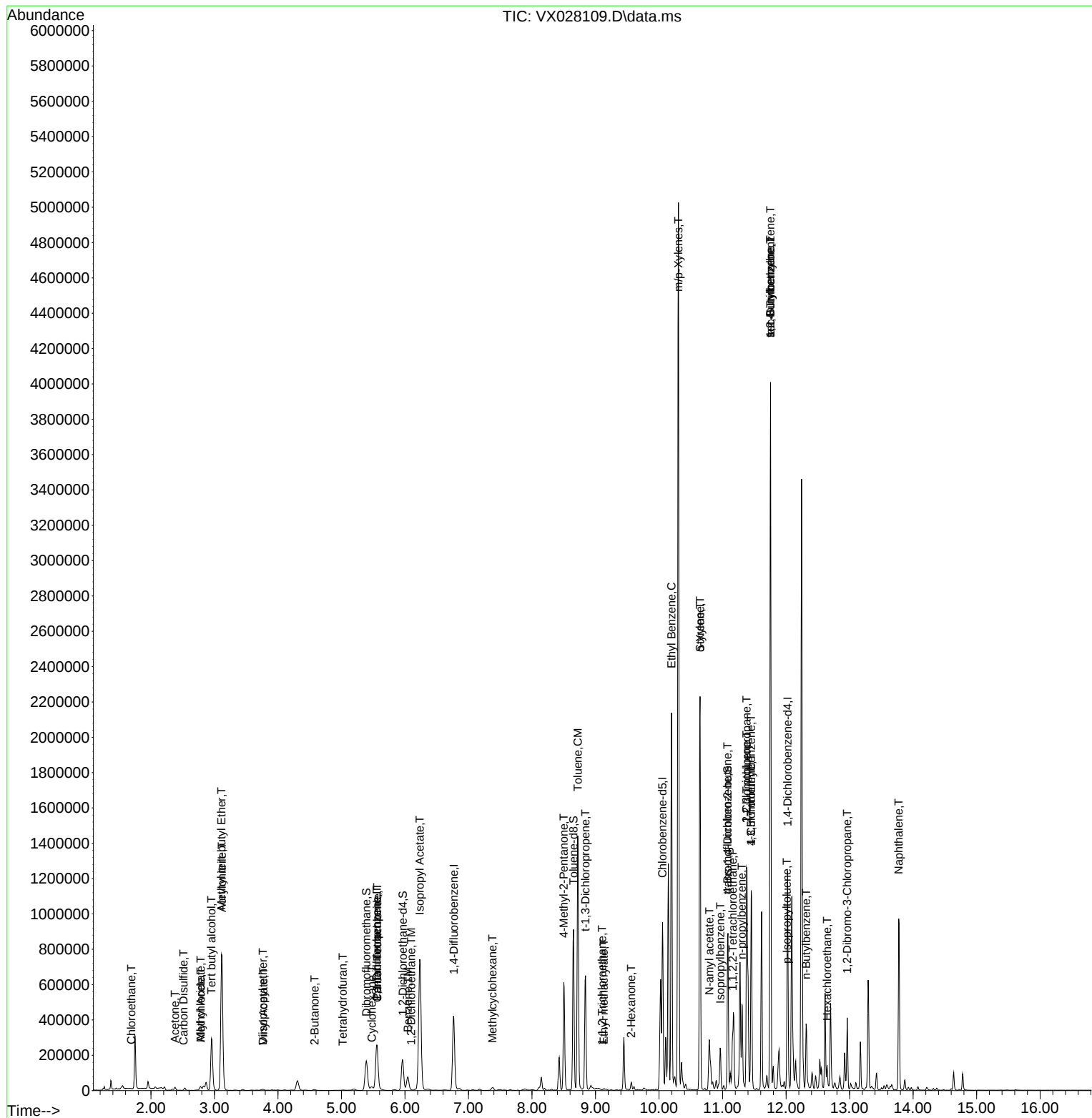
79) 2-Chlorotoluene	11.378	91	108438	9.121	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	462307	31.727	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	110721	58.991	ug/l #	16
82) 4-Chlorotoluene	11.451	91	53116	3.795	ug/l #	45
83) tert-Butylbenzene	11.756	119	198835	14.103	ug/l #	49
84) 1,2,4-Trimethylbenzene	11.756	105	1608321	112.737	ug/l	97
85) sec-Butylbenzene	11.756	105	1608321	89.382	ug/l #	56
86) p-Isopropyltoluene	12.012	119	6180	0.405	ug/l #	72
89) n-Butylbenzene	12.317	91	37756	2.893	ug/l #	1
90) Hexachloroethane	12.646	117	37723	14.725	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1140	0.879	ug/l #	1
95) Naphthalene	13.774	128	607182	38.750	ug/l	100

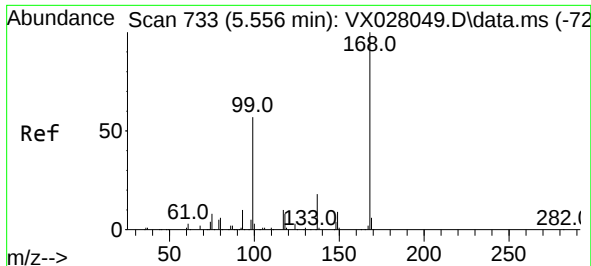
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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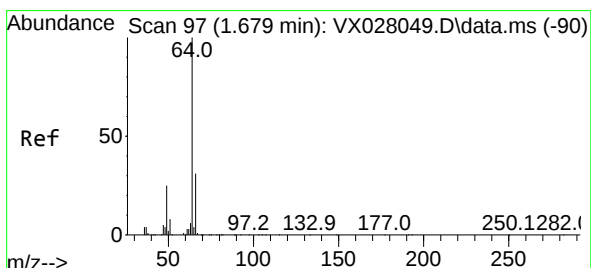
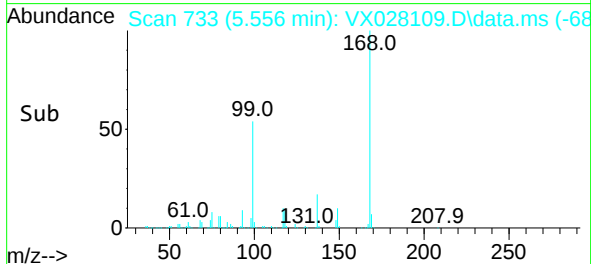
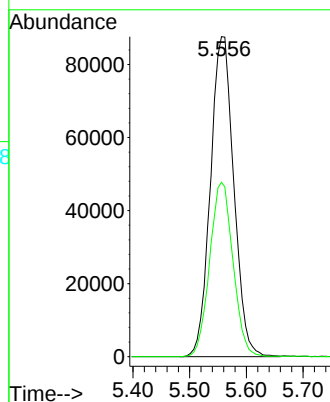
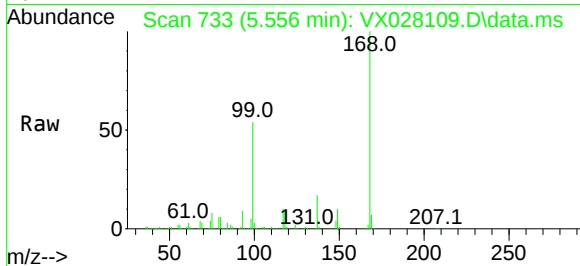




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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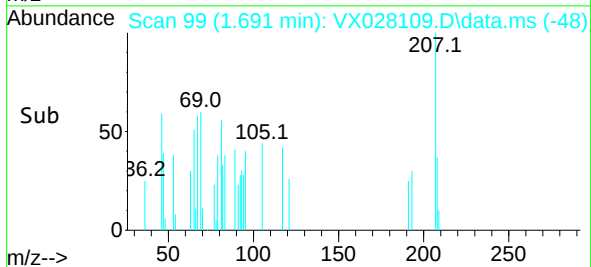
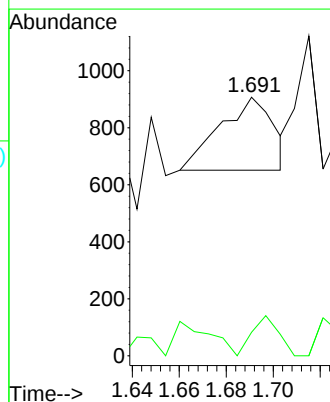
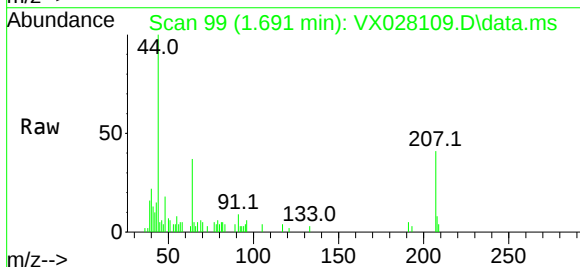
Instrument :
MSVOA_X
ClientSampleId :
MW-48

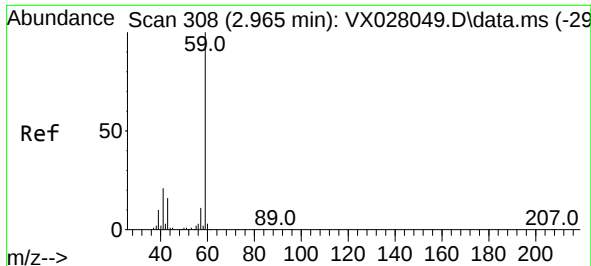
Tgt Ion:168 Resp: 250667
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5



#6
Chloroethane
Concen: 2.746 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Tgt Ion: 64 Resp: 404
Ion Ratio Lower Upper
64 100
66 2.7 25.3 37.9





#11

Tert butyl alcohol

Concen: 449.083 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

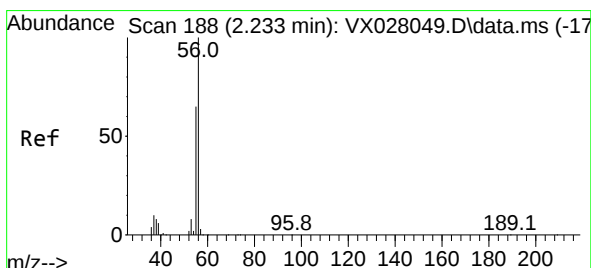
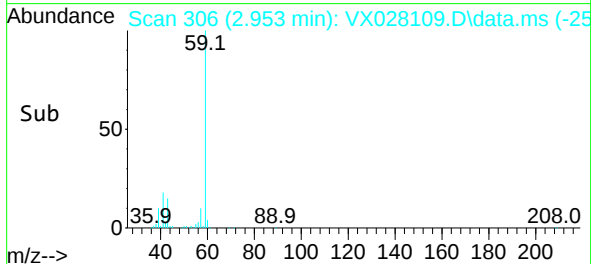
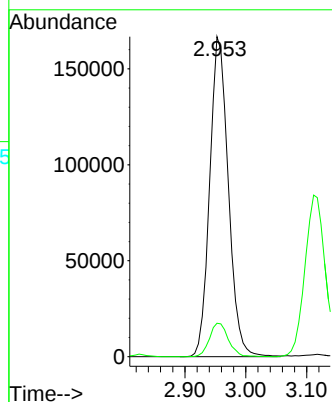
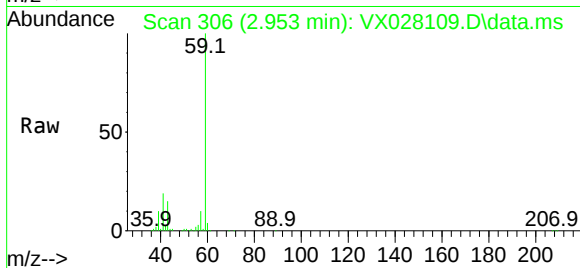
MW-48

Tgt Ion: 59 Resp: 354503

Ion Ratio Lower Upper

59 100

57 10.7 8.3 12.5



#13

Acrolein

Concen: Below Cal

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX028109.D

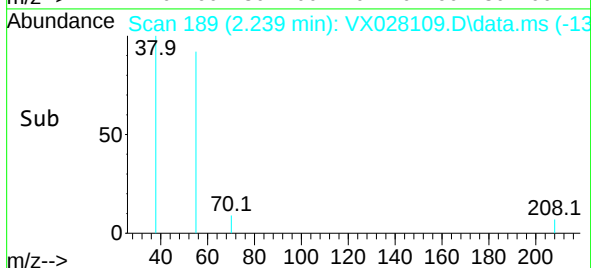
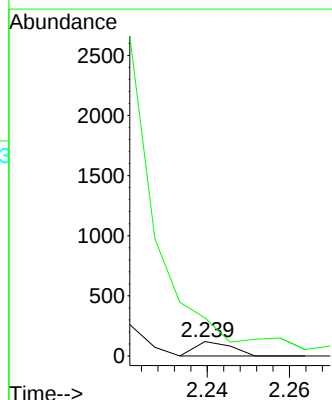
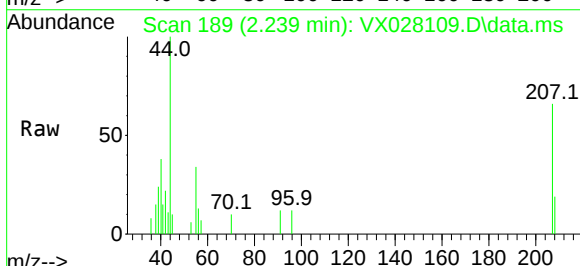
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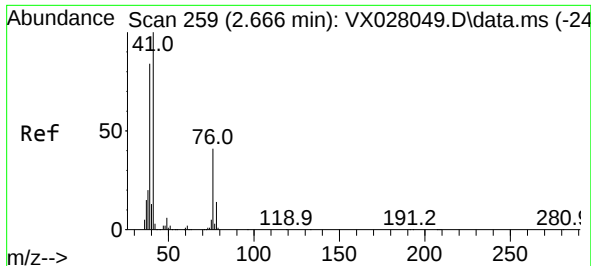
Tgt Ion: 56 Resp: 74

Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#





#14

Allyl chloride

Concen: 1.326 ug/l

RT: 2.782 min Scan# 21

Delta R.T. 0.116 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

Instrument :

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ClientSampleId :

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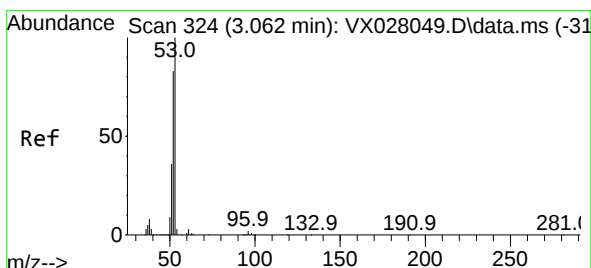
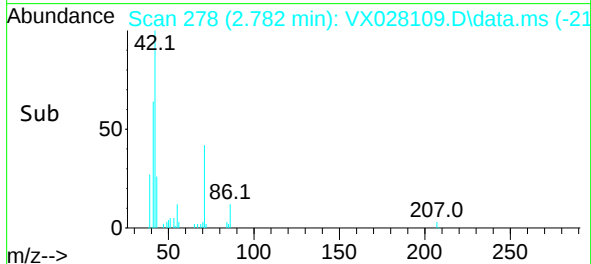
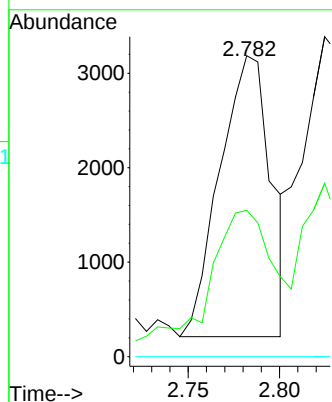
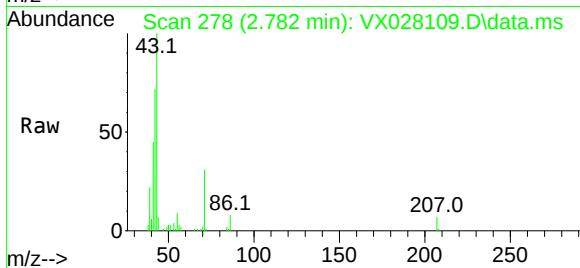
Tgt Ion: 41 Resp: 5805

Ion Ratio Lower Upper

41 100

39 60.4 50.4 75.6

76 0.0 32.7 49.1#



#15

Acrylonitrile

Concen: 5.619 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.055 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

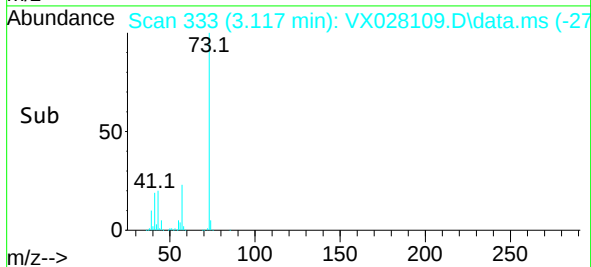
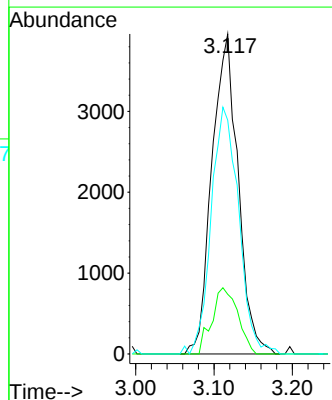
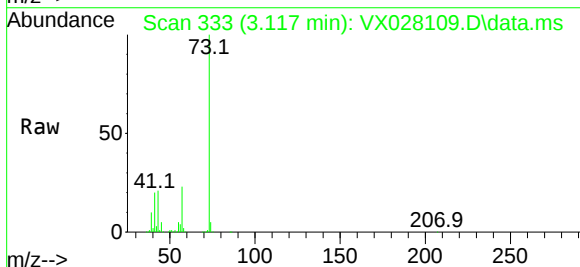
Tgt Ion: 53 Resp: 9191

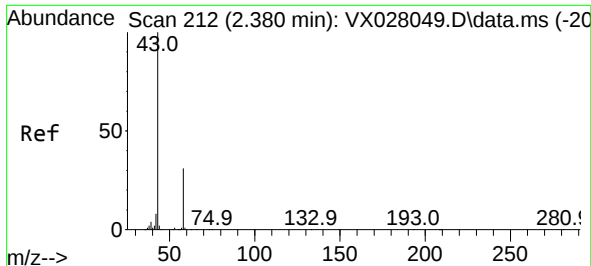
Ion Ratio Lower Upper

53 100

52 20.4 65.7 98.5#

51 81.2 28.4 42.6#

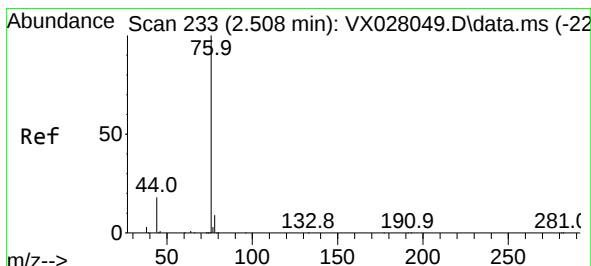
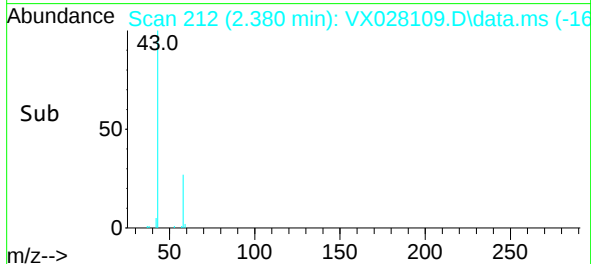
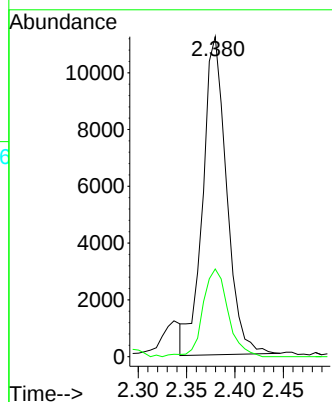
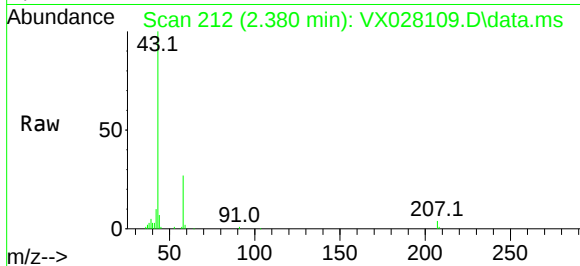




#16
Acetone
Concen: 13.550 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

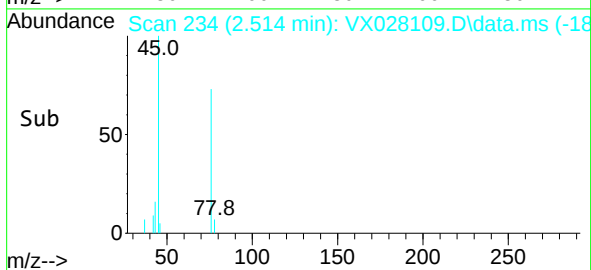
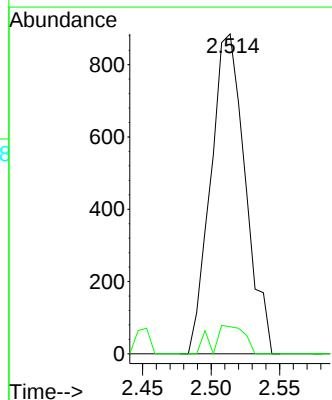
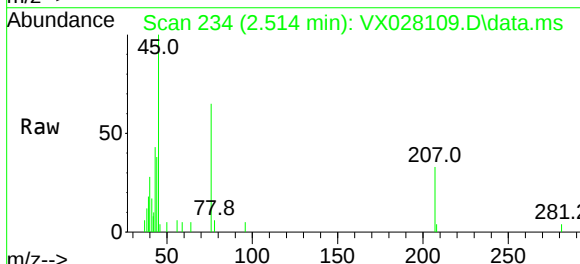
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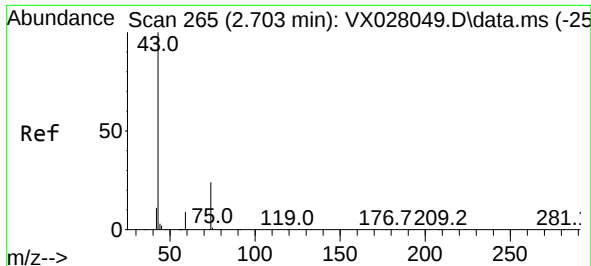
Tgt Ion: 43 Resp: 19199
Ion Ratio Lower Upper
43 100
58 27.7 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.239 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Tgt Ion: 76 Resp: 1551
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

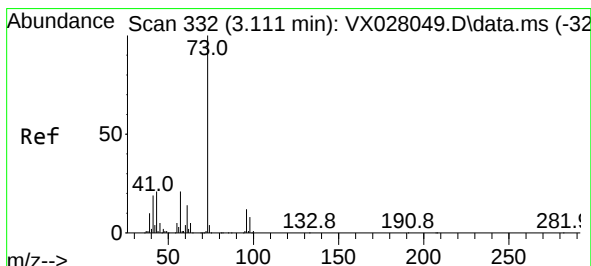
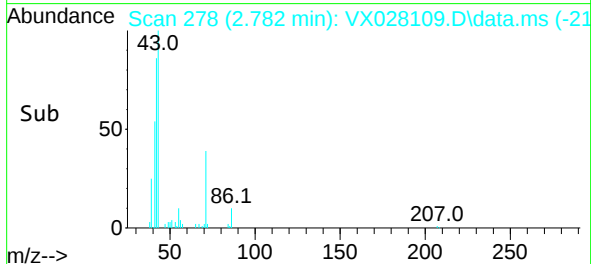
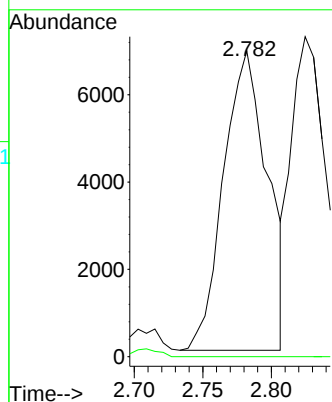
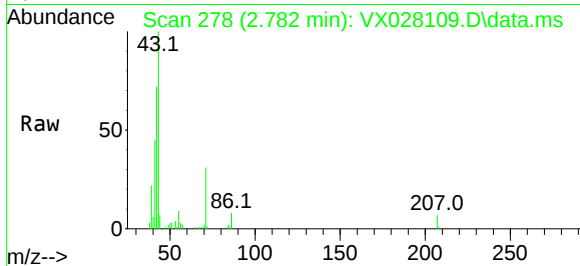




#18
Methyl Acetate
Concen: 4.044 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.079 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

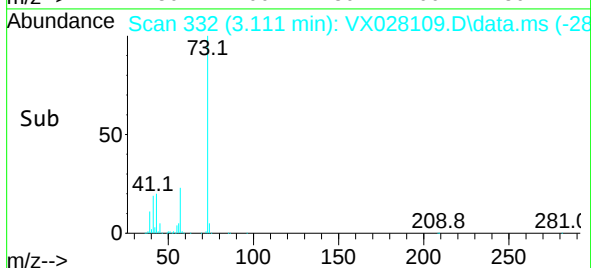
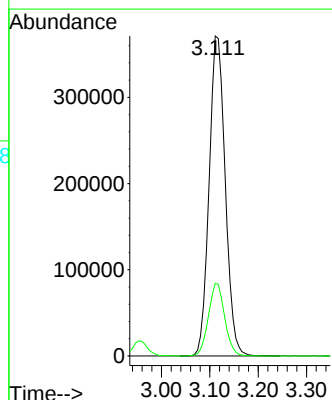
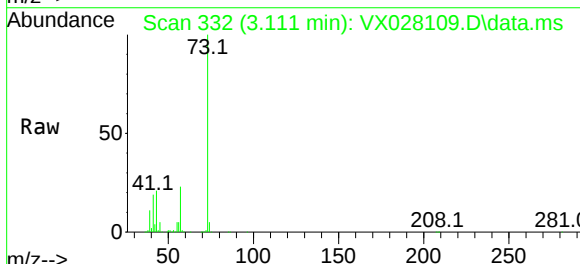
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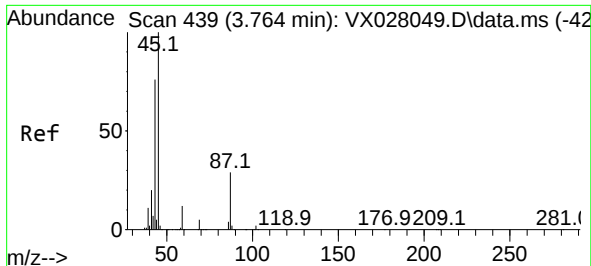
Tgt Ion: 43 Resp: 15289
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#19
Methyl tert-butyl Ether
Concen: 92.554 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Tgt Ion: 73 Resp: 860022
Ion Ratio Lower Upper
73 100
57 22.7 16.8 25.2

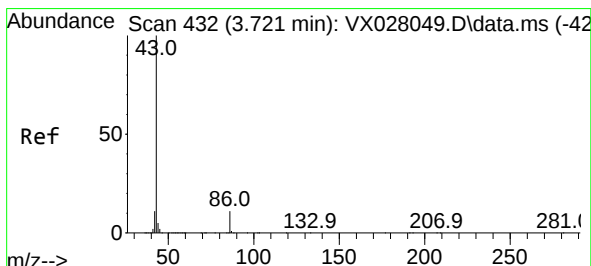
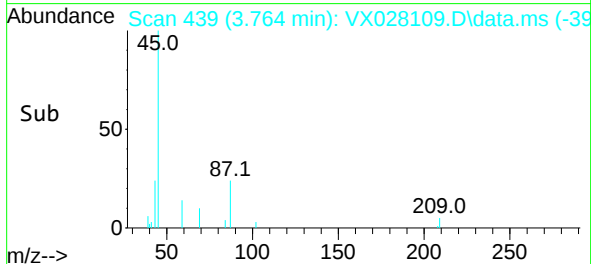
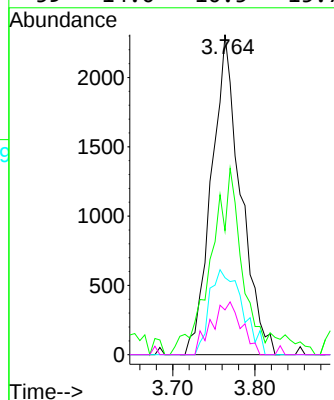
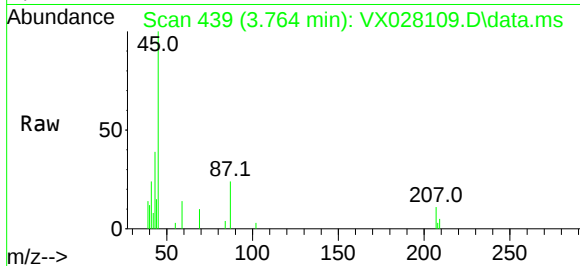




#22
Diisopropyl ether
Concen: 0.604 ug/l
RT: 3.764 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

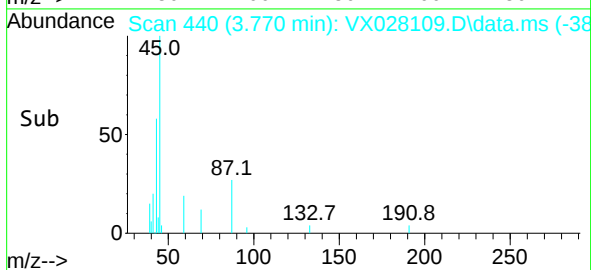
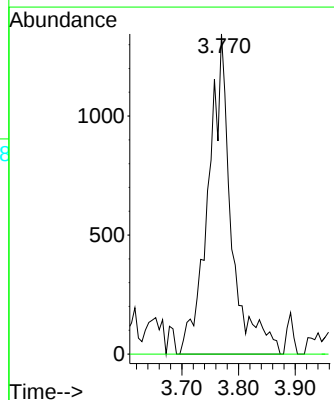
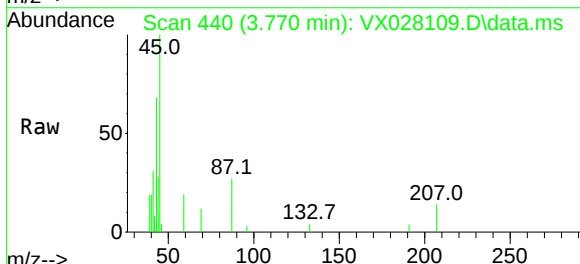
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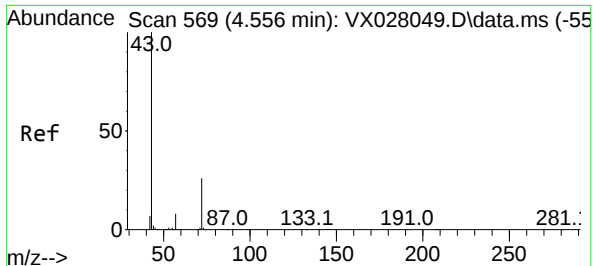
Tgt Ion:	45	Resp:	5671
Ion	Ratio	Lower	Upper
45	100		
43	34.0	50.8	76.2#
87	24.1	26.6	39.8#
59	14.0	10.5	15.7



#23
Vinyl Acetate
Concen: 0.457 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.049 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Tgt Ion:	43	Resp:	3818
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.8	16.2#





#25

2-Butanone

Concen: 3.881 ug/l

RT: 4.574 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

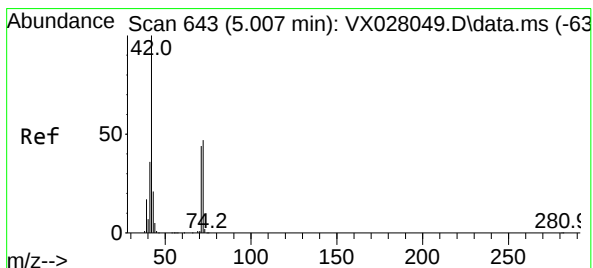
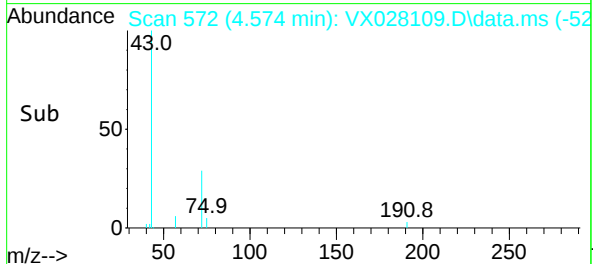
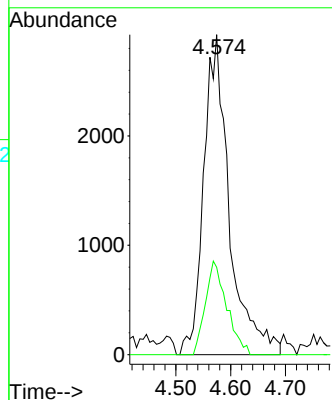
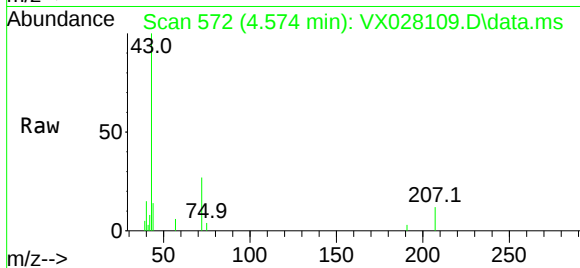
MW-48

Tgt Ion: 43 Resp: 9505

Ion Ratio Lower Upper

43 100

72 27.3 24.4 36.6



#29

Tetrahydrofuran

Concen: 1.642 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.012 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

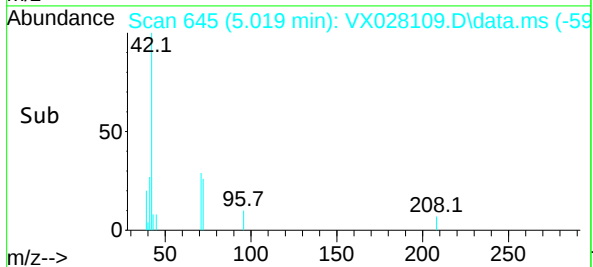
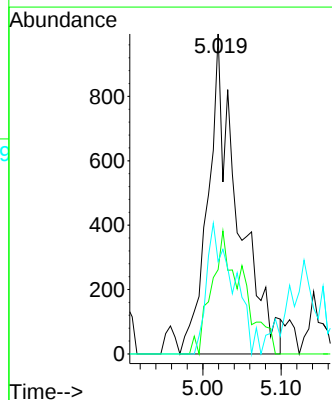
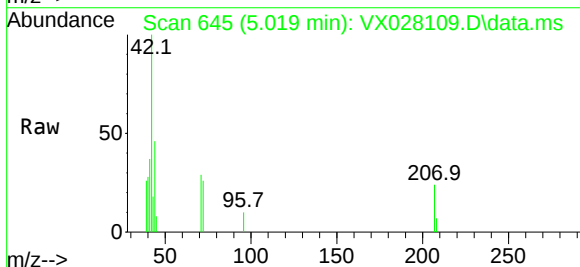
Tgt Ion: 42 Resp: 2628

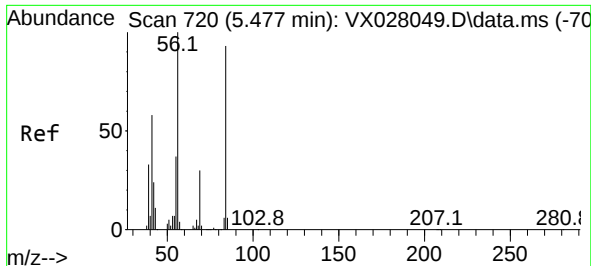
Ion Ratio Lower Upper

42 100

72 40.4 44.1 66.1#

71 36.5 40.5 60.7#

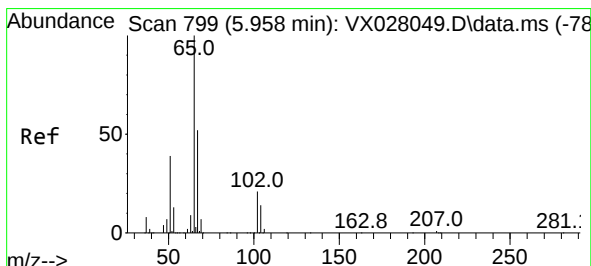
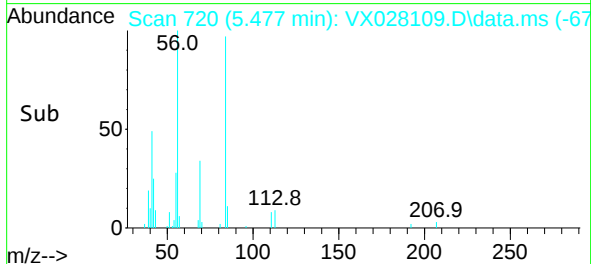
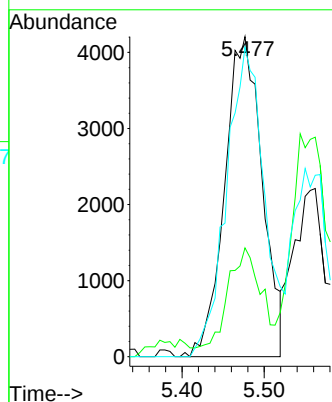
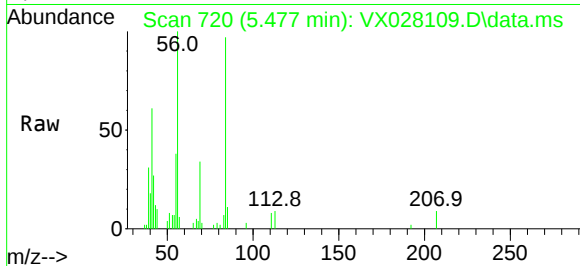




#31
Cyclohexane
Concen: 2.847 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

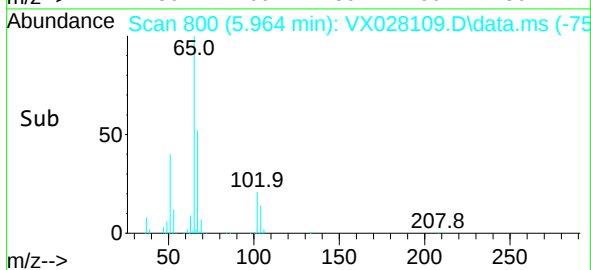
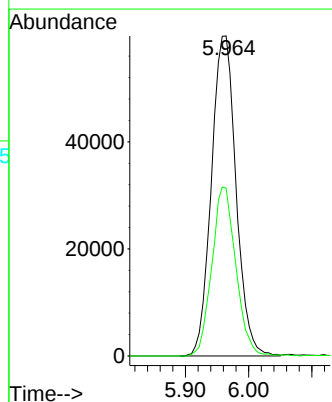
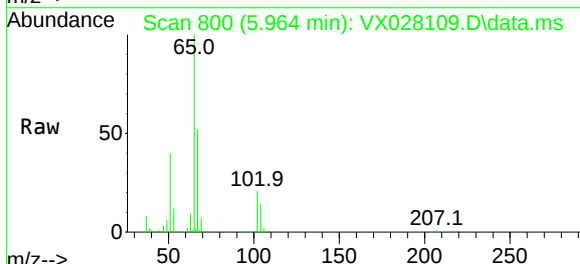
Instrument :
MSVOA_X
ClientSampleId :
MW-48

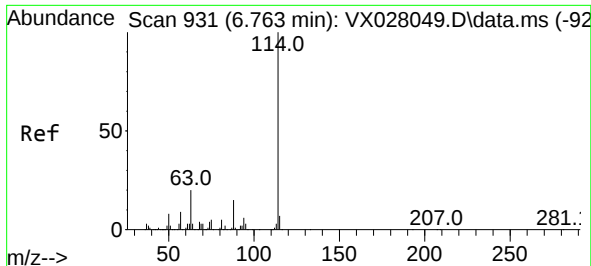
Tgt Ion: 56 Resp: 13312
Ion Ratio Lower Upper
56 100
69 28.6 26.7 40.1
84 96.7 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 47.555 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Tgt Ion: 65 Resp: 161722
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

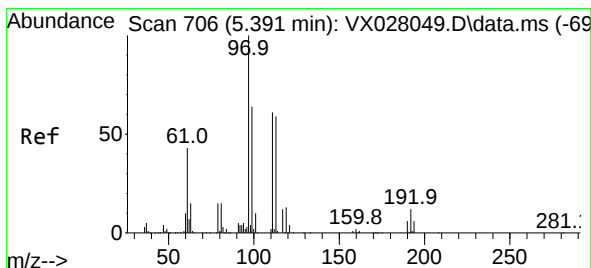
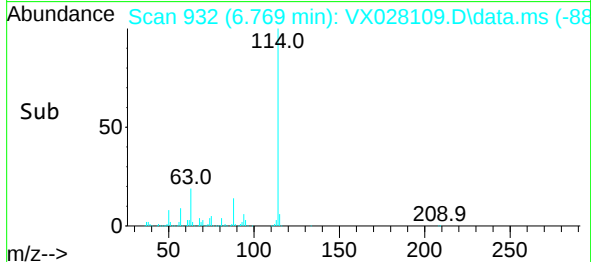
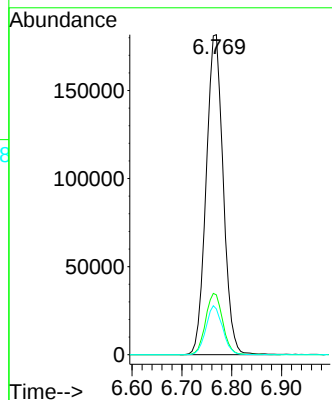
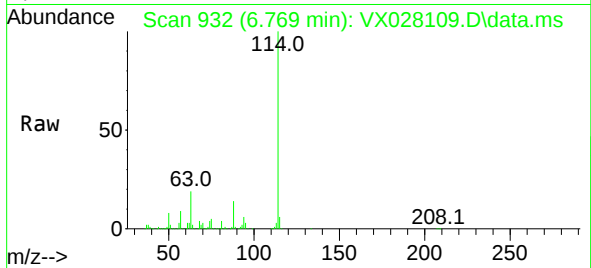




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

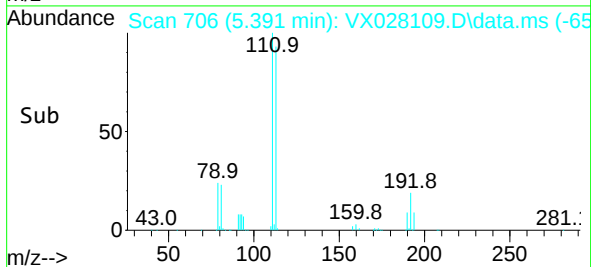
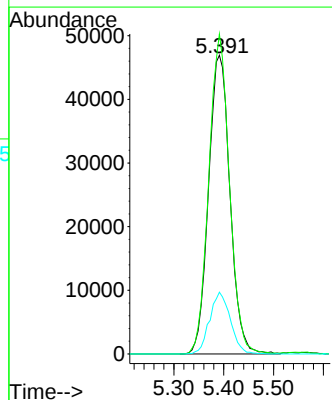
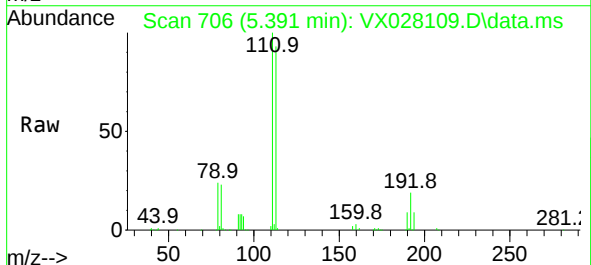
Instrument :
MSVOA_X
ClientSampleId :
MW-48

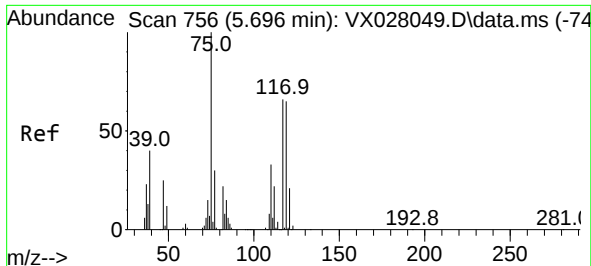
Tgt Ion:114 Resp: 431081
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.8
88 14.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.609 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Tgt Ion:113 Resp: 140133
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 20.0 16.9 25.3

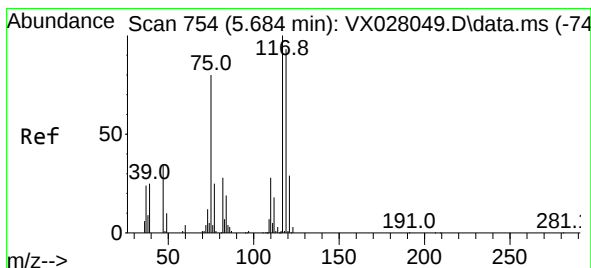
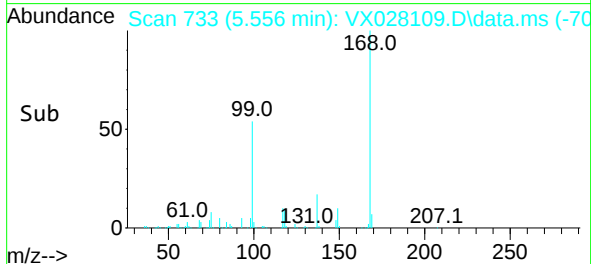
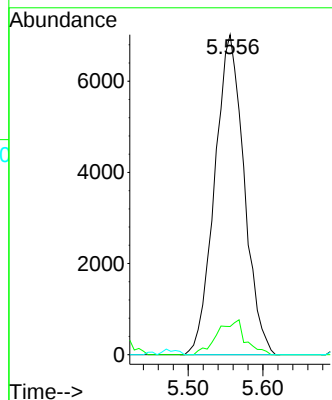
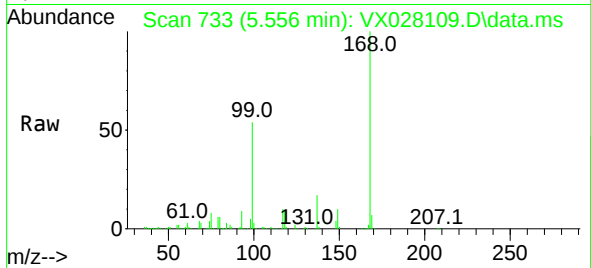




#36
 1,1-Dichloropropene
 Concen: 4.451 ug/l
 RT: 5.556 min Scan# 713
 Delta R.T. -0.140 min
 Lab File: VX028109.D
 Acq: 14 Apr 2022 16:01

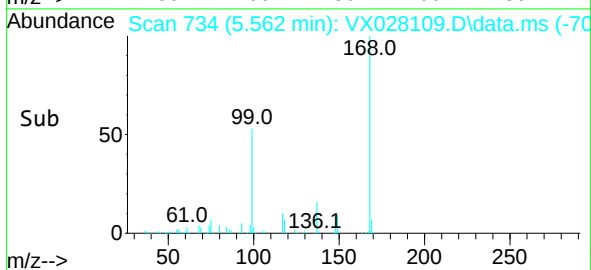
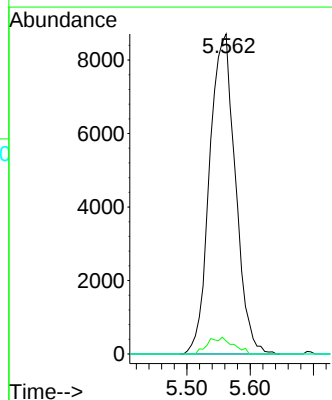
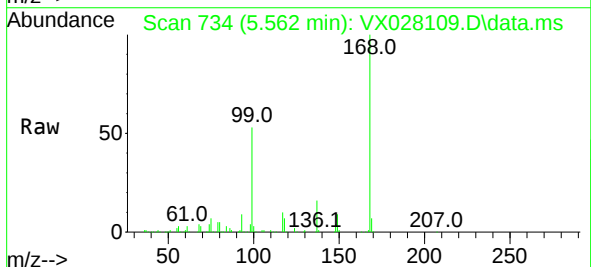
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-48

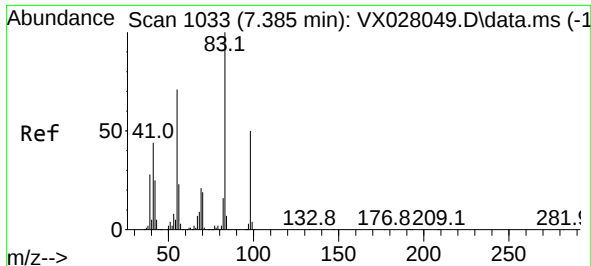
Tgt Ion: 75 Resp: 19187
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.3 54.8#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.353 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.122 min
 Lab File: VX028109.D
 Acq: 14 Apr 2022 16:01

Tgt Ion: 117 Resp: 24638
 Ion Ratio Lower Upper
 117 100
 119 4.1 77.3 115.9#
 121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 1.381 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

MW-48

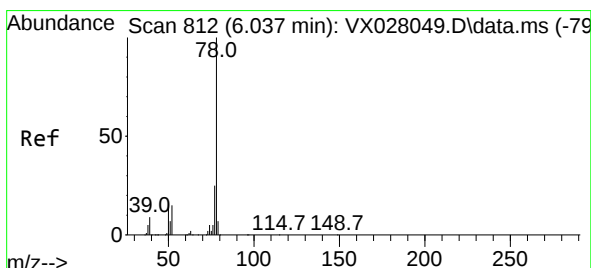
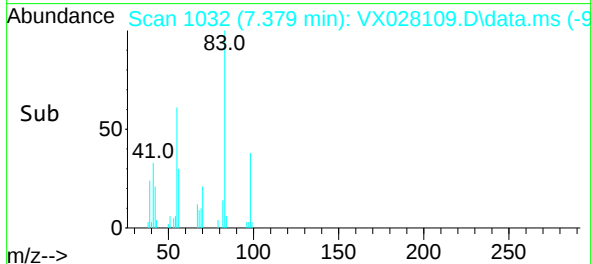
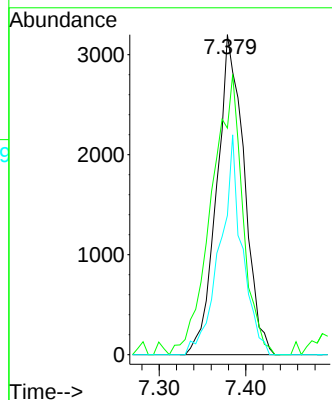
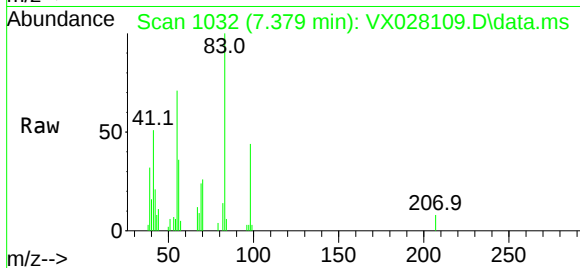
Tgt Ion: 83 Resp: 7036

Ion Ratio Lower Upper

83 100

55 70.8 54.6 81.8

98 43.5 37.4 56.2



#40

Benzene

Concen: 7.269 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX028109.D

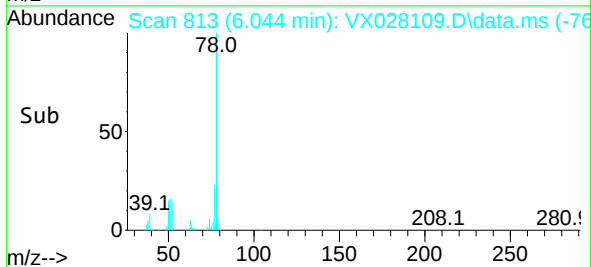
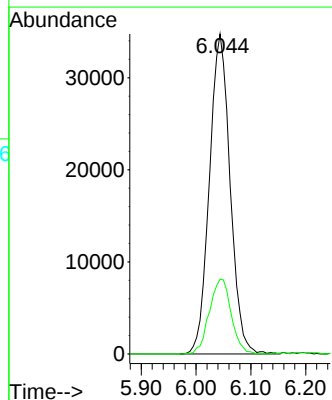
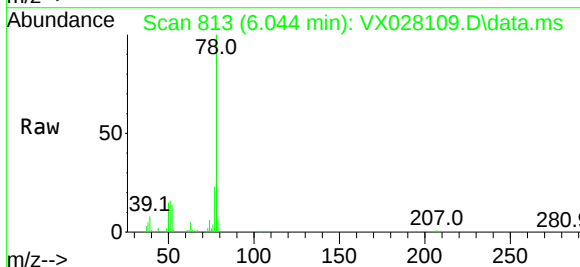
Acq: 14 Apr 2022 16:01

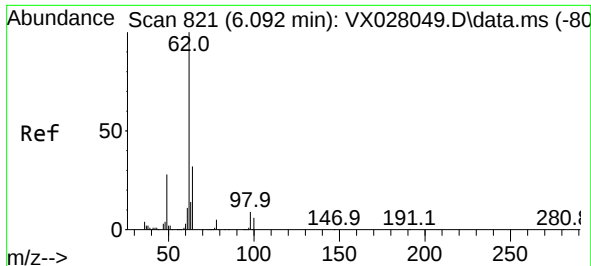
Tgt Ion: 78 Resp: 91130

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9





#42

1,2-Dichloroethane

Concen: 0.529 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

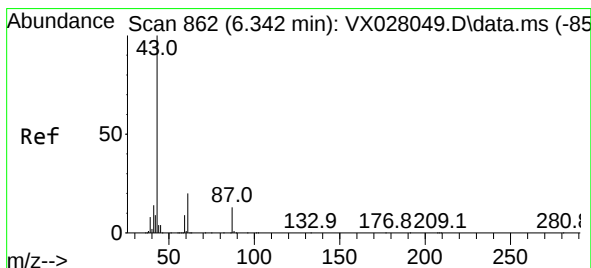
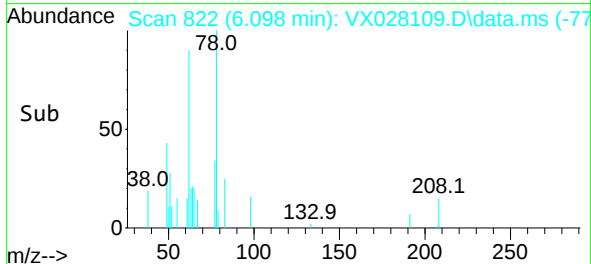
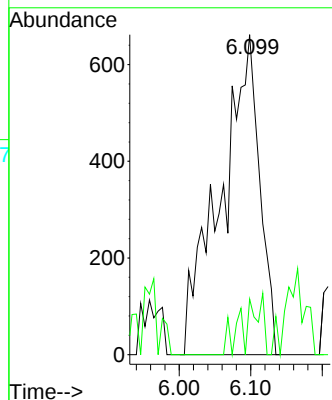
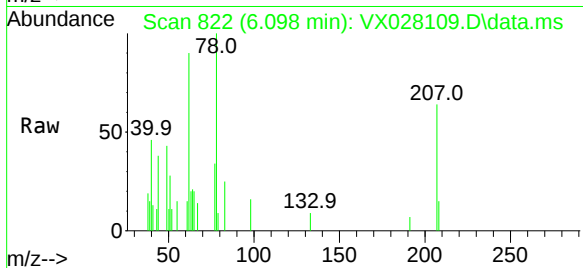
MW-48

Tgt Ion: 62 Resp: 2505

Ion Ratio Lower Upper

62 100

98 3.5 0.0 20.4



#43

Isopropyl Acetate

Concen: 25.182 ug/l

RT: 6.233 min Scan# 844

Delta R.T. -0.109 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

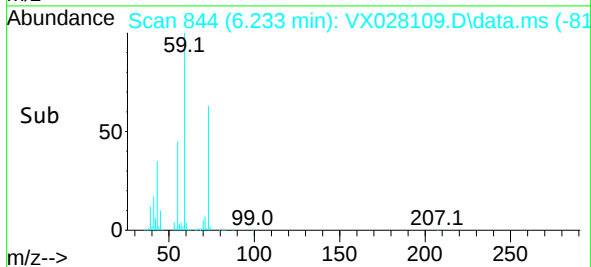
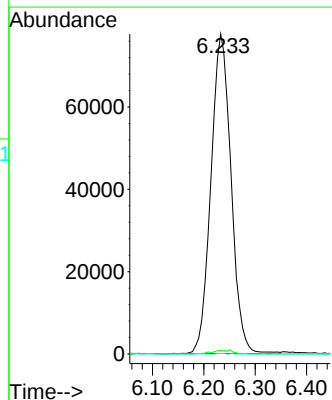
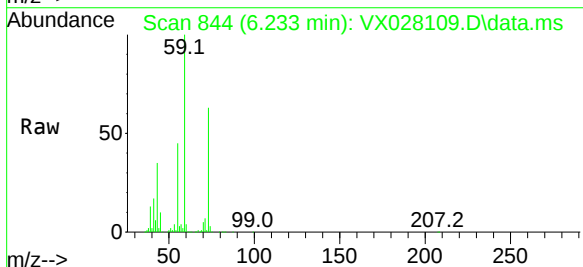
Tgt Ion: 43 Resp: 210699

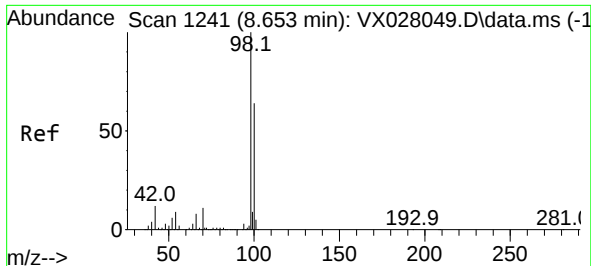
Ion Ratio Lower Upper

43 100

61 1.2 18.5 27.7#

87 0.1 13.0 19.6#

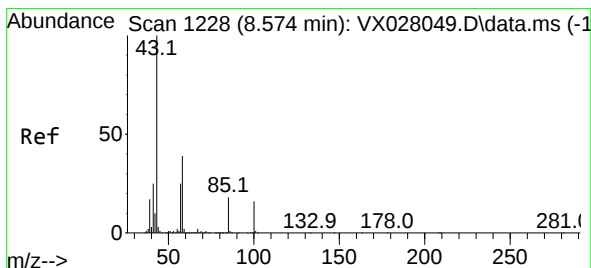
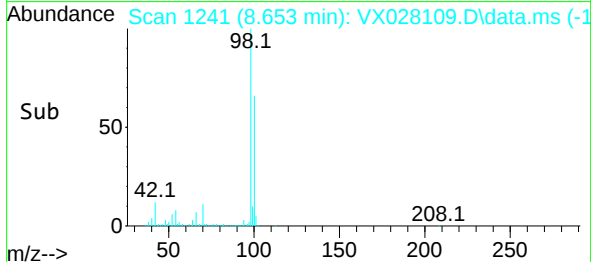
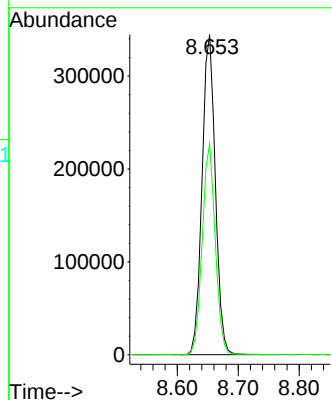
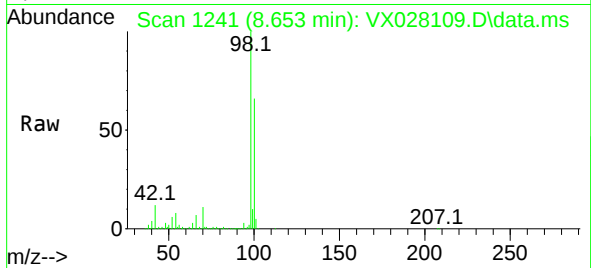




#50
Toluene-d8
Concen: 49.478 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

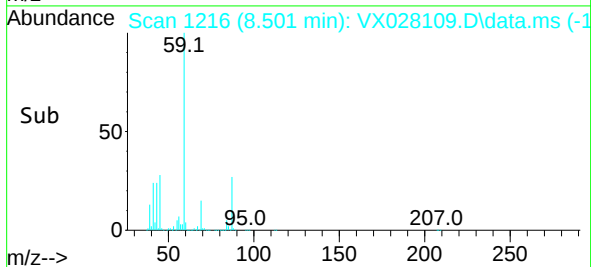
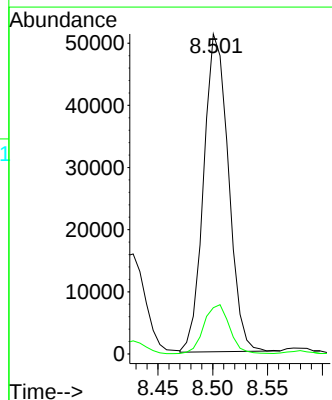
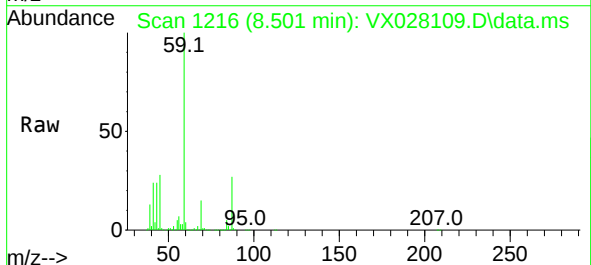
Instrument :
MSVOA_X
ClientSampleId :
MW-48

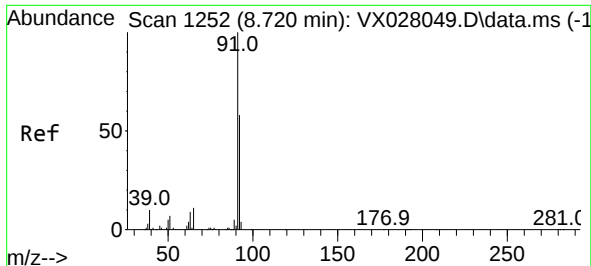
Tgt Ion: 98 Resp: 521254
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 15.100 ug/l
RT: 8.501 min Scan# 1216
Delta R.T. -0.073 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Tgt Ion: 43 Resp: 80553
Ion Ratio Lower Upper
43 100
58 16.2 36.1 54.1#

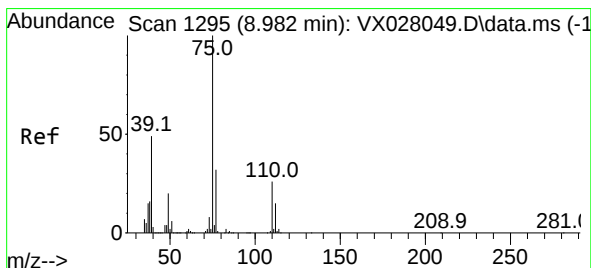
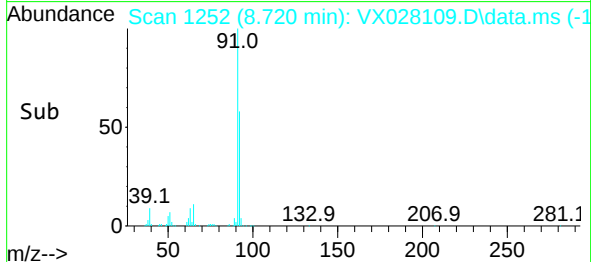
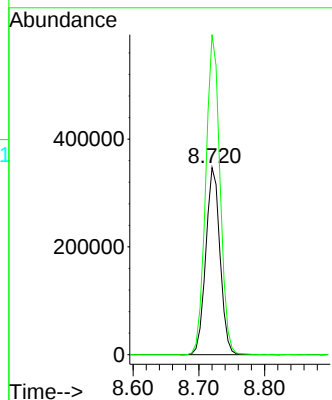
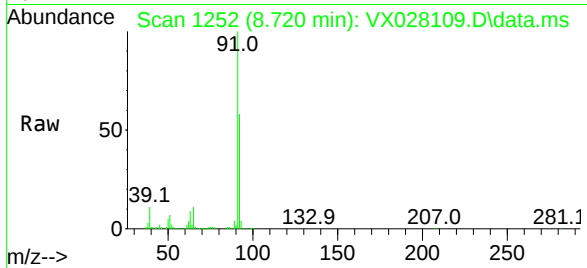




#52
Toluene
Concen: 62.403 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

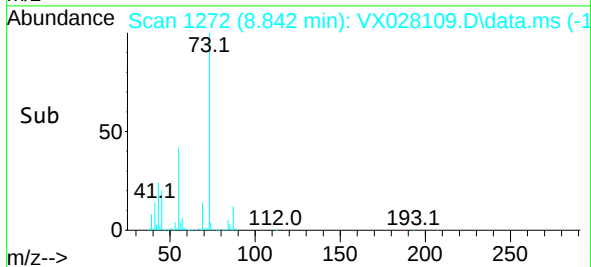
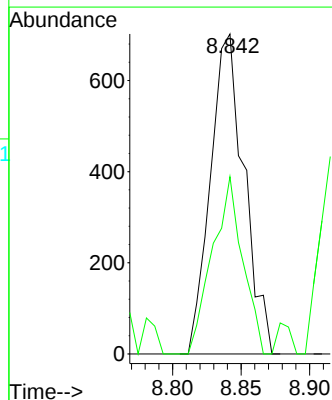
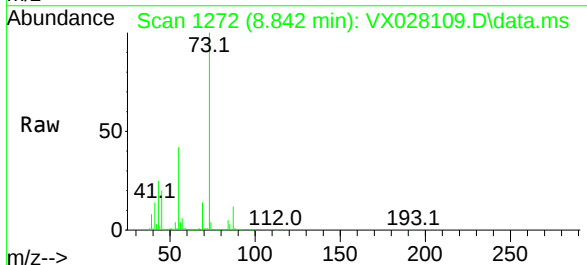
Instrument :
MSVOA_X
ClientSampleId :
MW-48

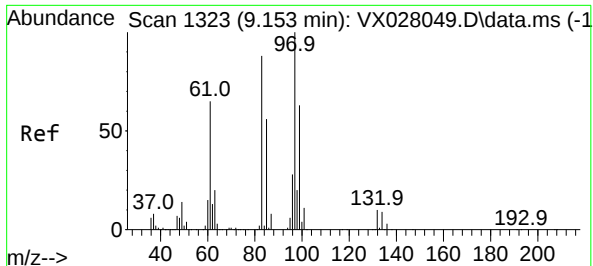
Tgt Ion: 92 Resp: 521922
Ion Ratio Lower Upper
92 100
91 171.8 137.5 206.3



#53
t-1,3-Dichloropropene
Concen: 0.236 ug/l
RT: 8.842 min Scan# 1272
Delta R.T. -0.140 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Tgt Ion: 75 Resp: 1203
Ion Ratio Lower Upper
75 100
77 55.4 25.4 38.0#





#55

1,1,2-Trichloroethane

Concen: 0.220 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.049 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

MW-48

Tgt Ion: 97 Resp: 746

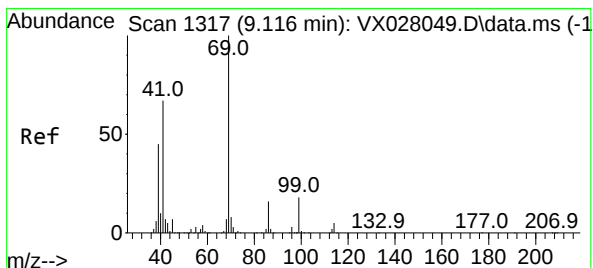
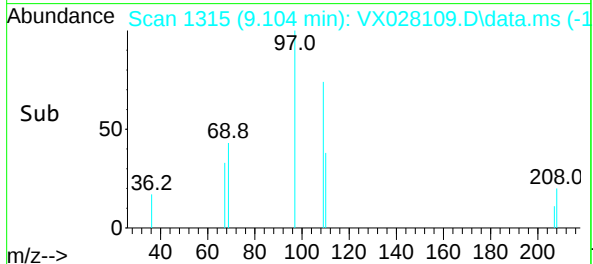
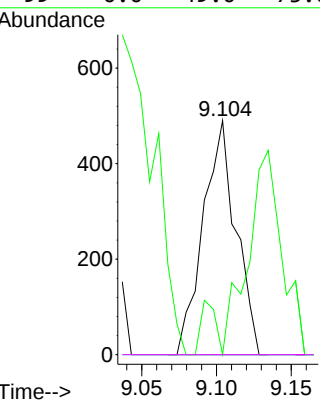
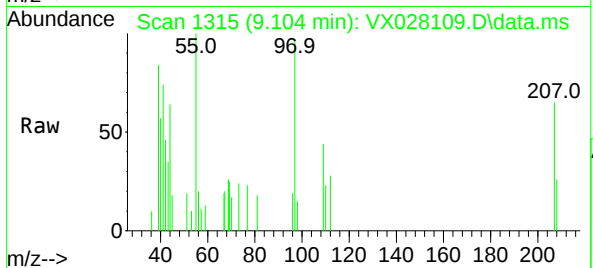
Ion Ratio Lower Upper

97 100

83 0.0 66.2 99.4#

85 0.0 42.9 64.3#

99 0.0 49.0 73.6#



#56

Ethyl methacrylate

Concen: 0.209 ug/l

RT: 9.128 min Scan# 1319

Delta R.T. 0.012 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

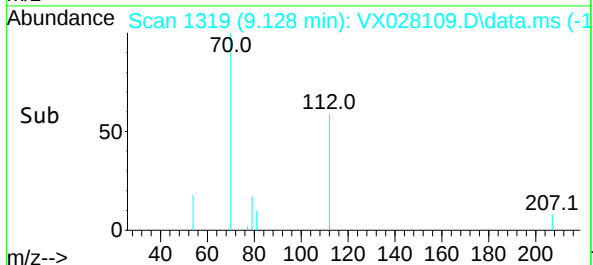
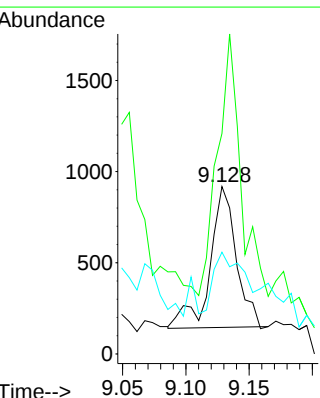
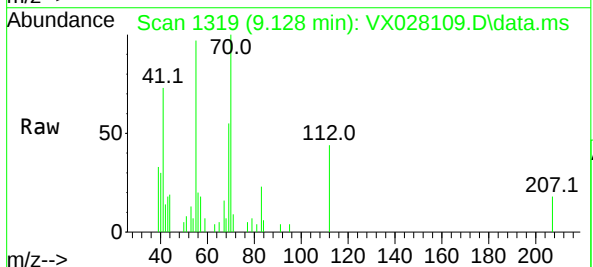
Tgt Ion: 69 Resp: 1113

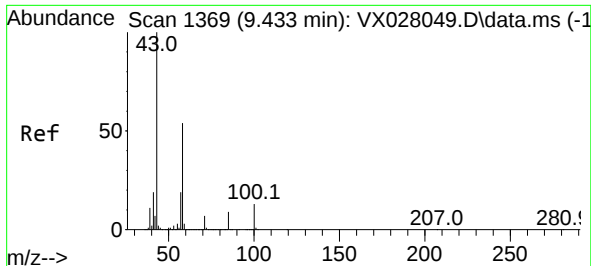
Ion Ratio Lower Upper

69 100

41 162.8 43.8 65.6#

39 140.1 22.2 33.2#

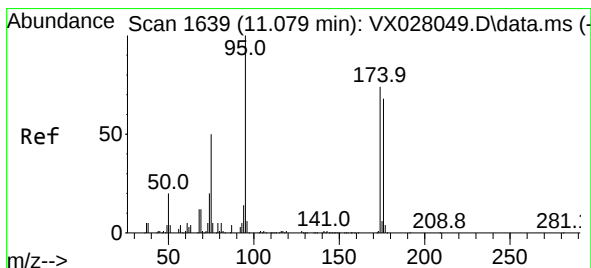
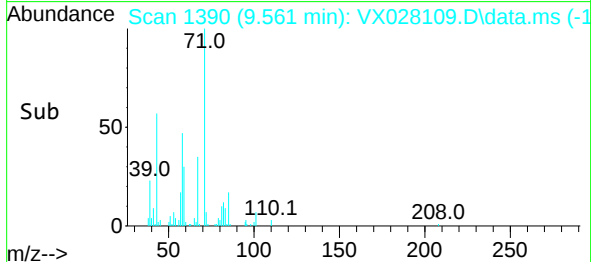
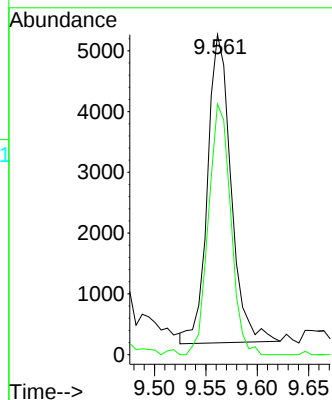
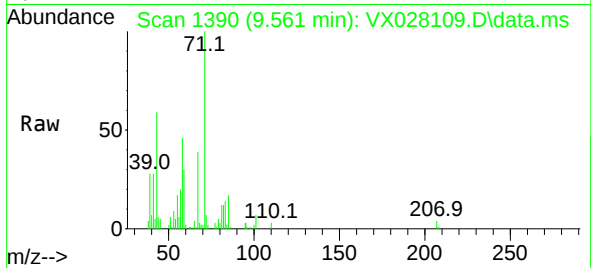




#59
2-Hexanone
Concen: 1.932 ug/l
RT: 9.561 min Scan# 11
Delta R.T. 0.128 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

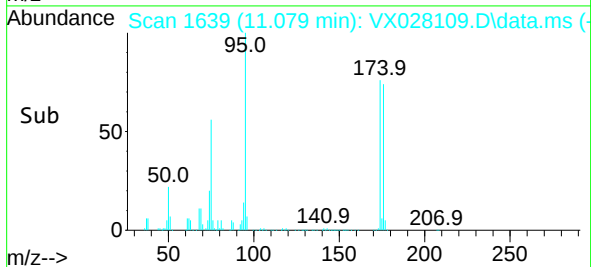
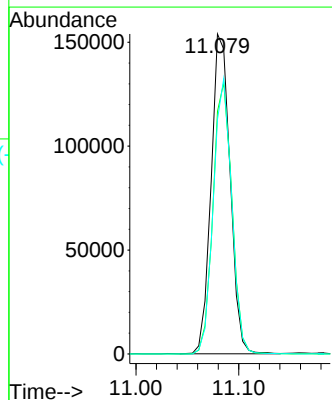
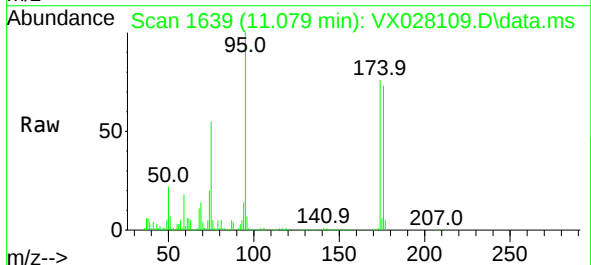
Instrument :
MSVOA_X
ClientSampleId :
MW-48

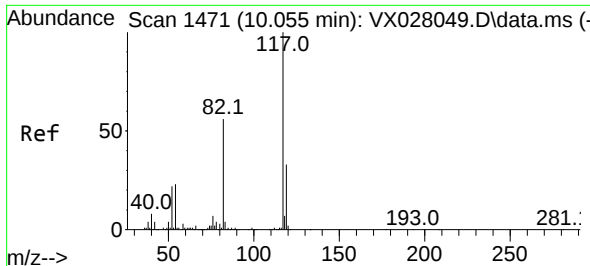
Tgt Ion: 43 Resp: 8070
Ion Ratio Lower Upper
43 100
58 76.6 31.9 95.7



#62
4-Bromofluorobenzene
Concen: 50.078 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Tgt Ion: 95 Resp: 196985
Ion Ratio Lower Upper
95 100
174 84.2 0.0 163.0
176 83.4 0.0 155.0

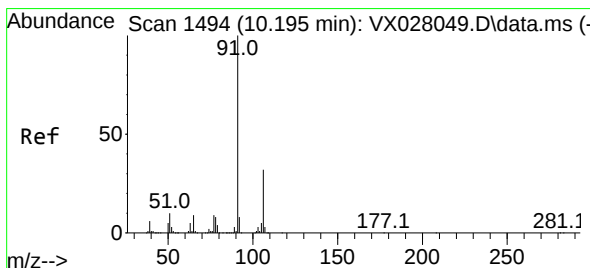
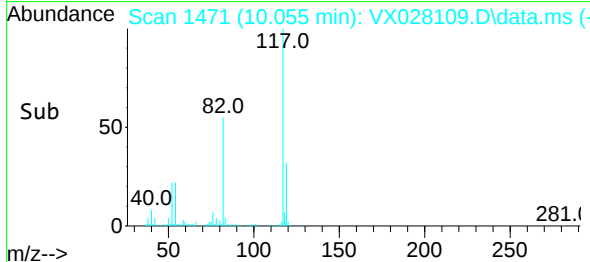
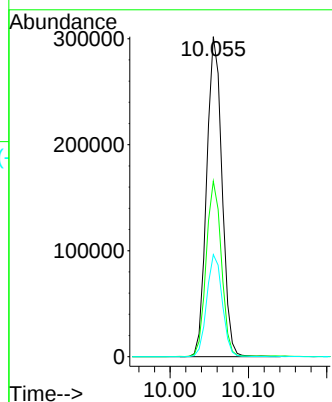
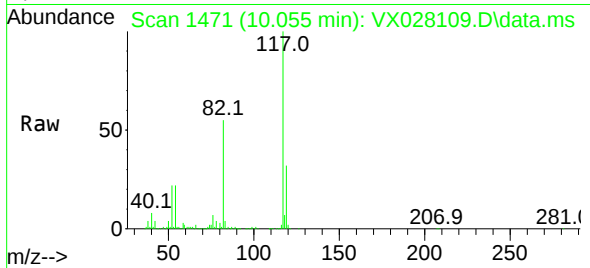




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

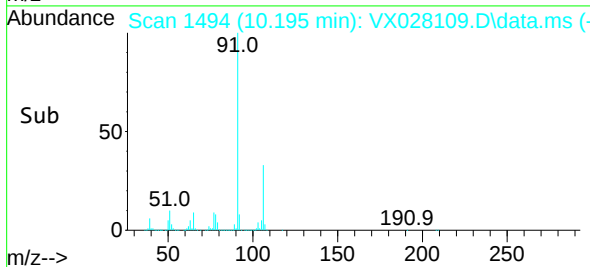
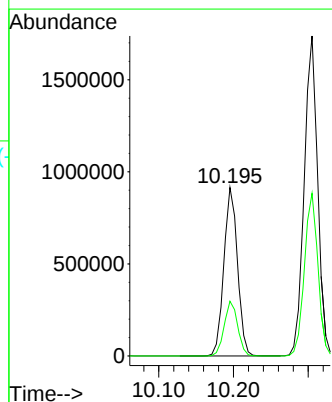
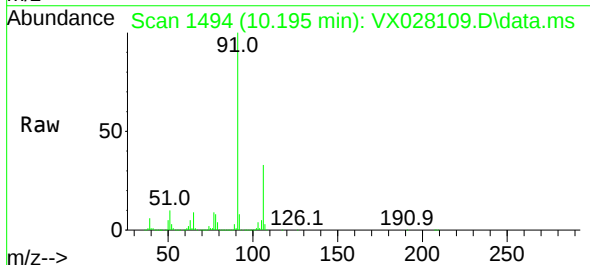
Instrument :
MSVOA_X
ClientSampleId :
MW-48

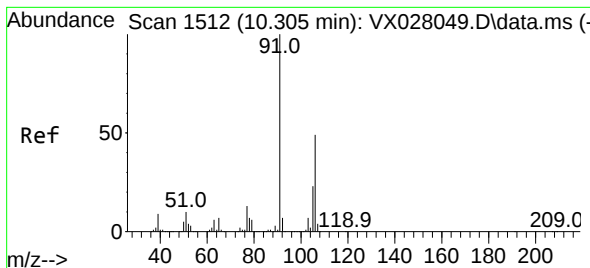
Tgt Ion:117 Resp: 409425
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 31.9 24.8 37.2



#67
Ethyl Benzene
Concen: 73.792 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Tgt Ion: 91 Resp: 1160866
Ion Ratio Lower Upper
91 100
106 32.5 24.6 36.8

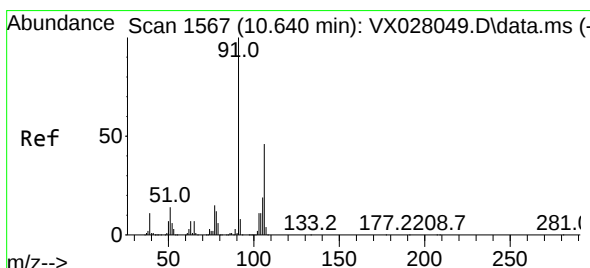
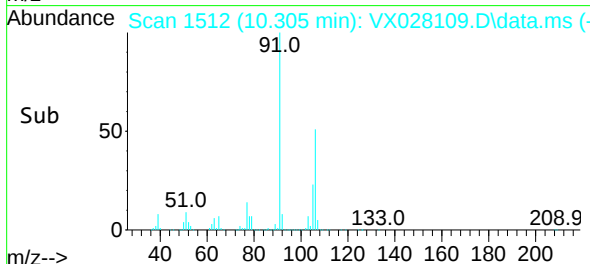
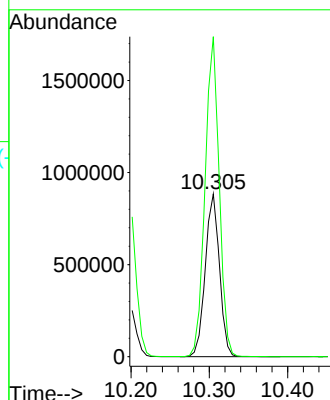
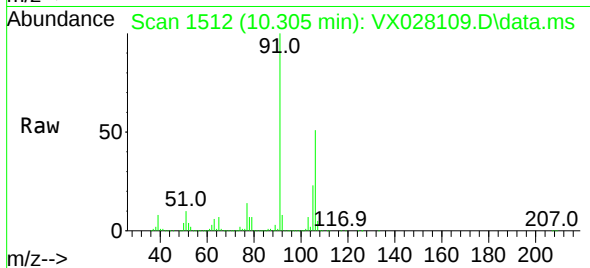




#68
m/p-Xylenes
Concen: 168.467 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

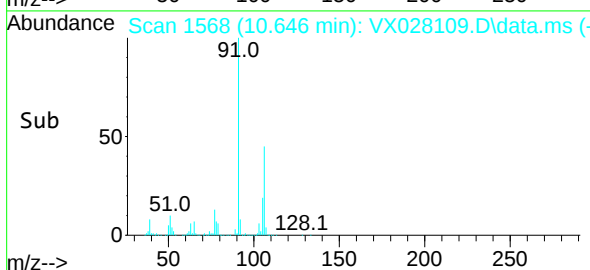
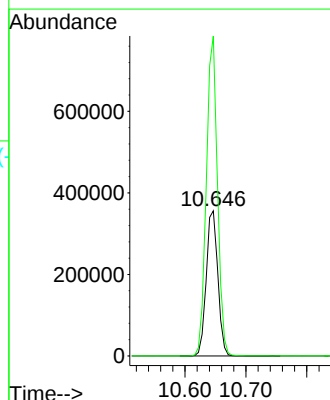
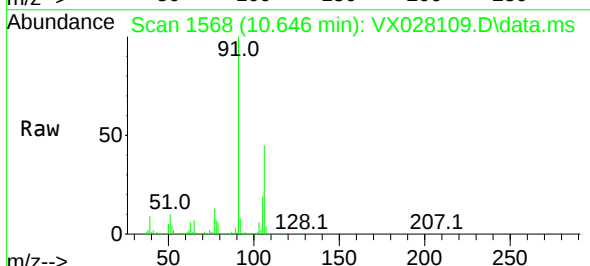
Instrument :
MSVOA_X
ClientSampleId :
MW-48

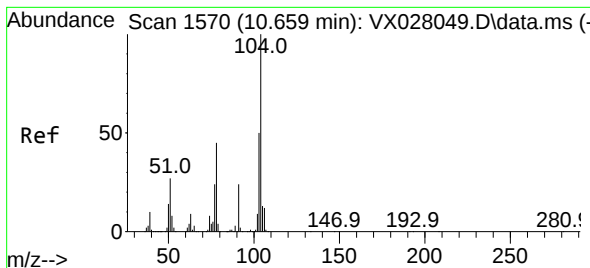
Tgt Ion:106 Resp: 1106664
Ion Ratio Lower Upper
106 100
91 196.1 160.4 240.6



#69
o-Xylene
Concen: 73.851 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Tgt Ion:106 Resp: 471579
Ion Ratio Lower Upper
106 100
91 211.6 106.1 318.1





#70

Styrene

Concen: 6.437 ug/l

RT: 10.646 min Scan# 11

Delta R.T. -0.013 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

MW-48

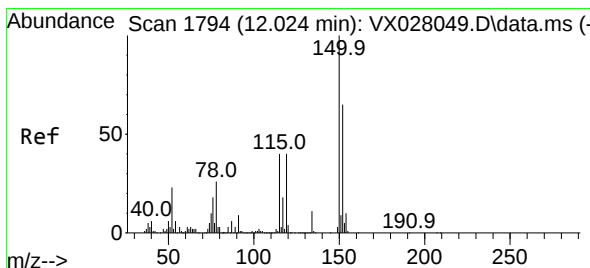
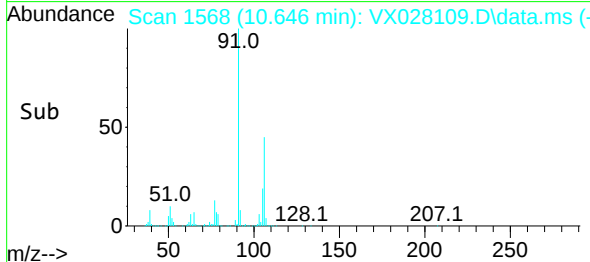
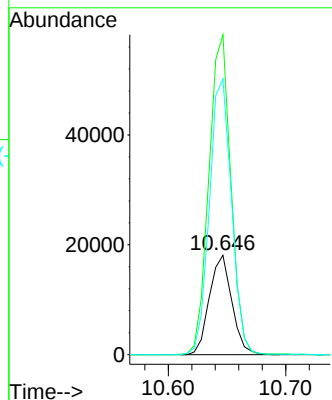
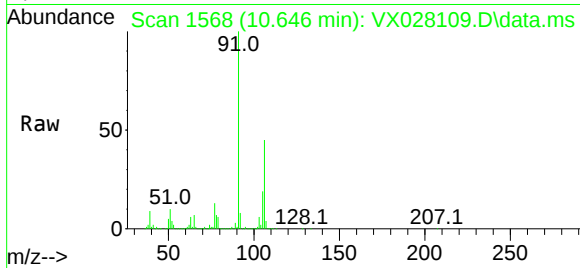
Tgt Ion:104 Resp: 24088

Ion Ratio Lower Upper

104 100

78 315.3 38.6 57.8#

103 274.1 43.8 65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

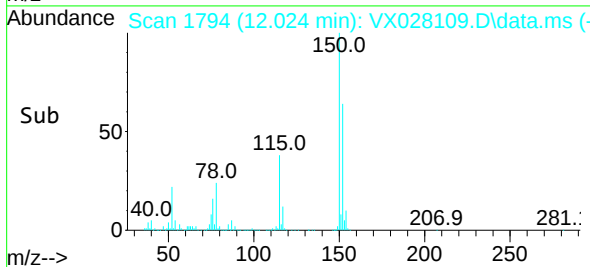
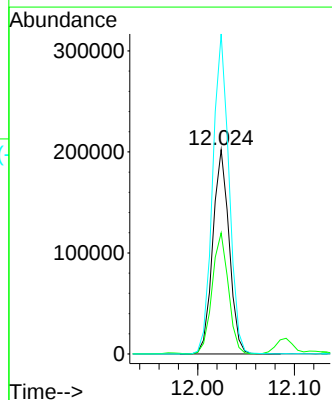
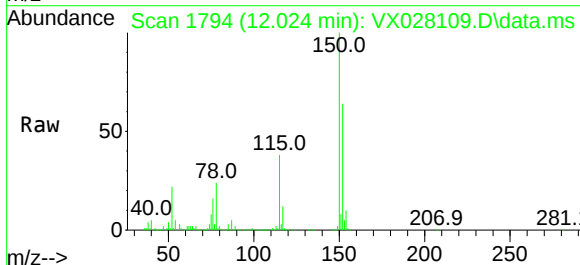
Tgt Ion:152 Resp: 237453

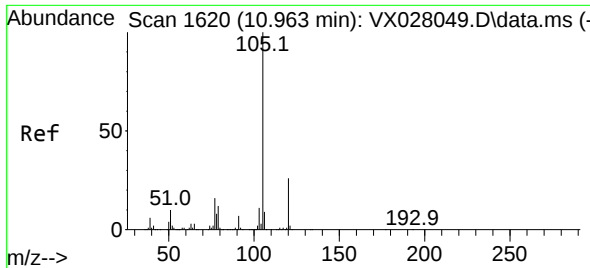
Ion Ratio Lower Upper

152 100

115 58.6 37.5 112.7

150 156.1 0.0 338.2

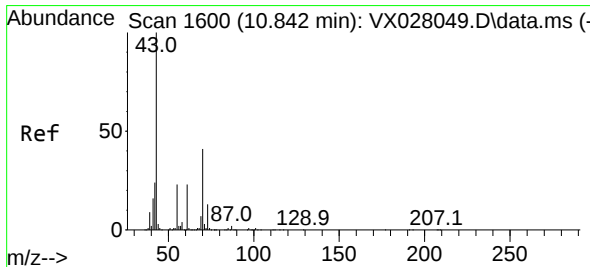
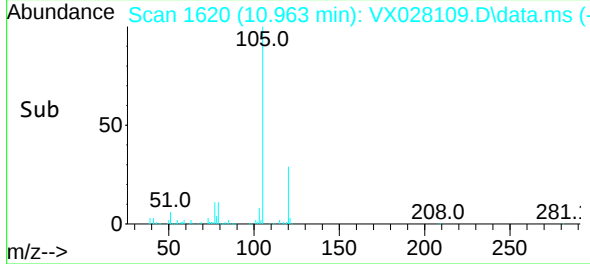
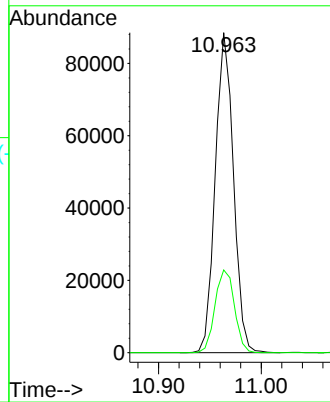
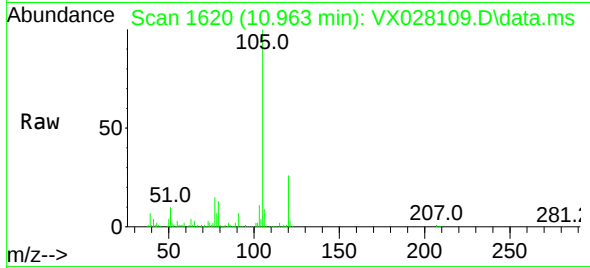




#73
Isopropylbenzene
Concen: 6.449 ug/l
RT: 10.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

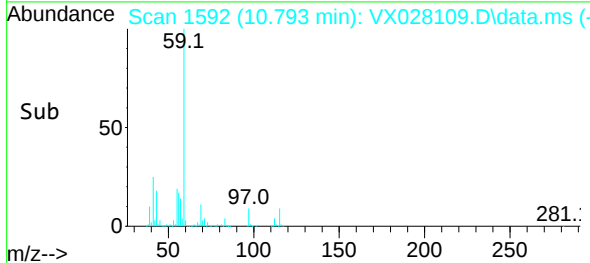
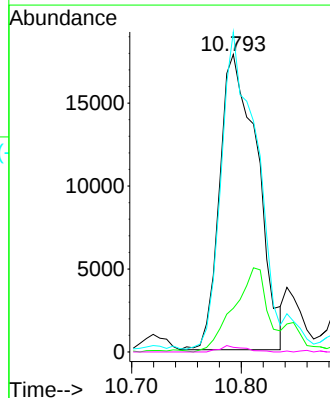
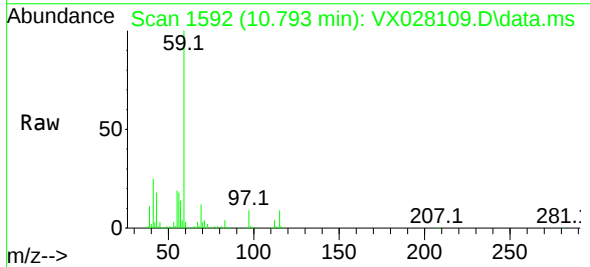
Instrument :
MSVOA_X
ClientSampleId :
MW-48

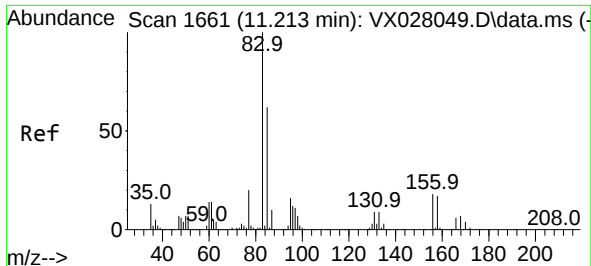
Tgt Ion:105 Resp: 108781
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.5



#74
N-ethyl acetate
Concen: 5.834 ug/l
RT: 10.793 min Scan# 1592
Delta R.T. -0.049 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Tgt Ion: 43 Resp: 42533
Ion Ratio Lower Upper
43 100
70 0.0 42.5 63.7#
55 105.8 23.1 34.7#
61 1.4 22.8 34.2#

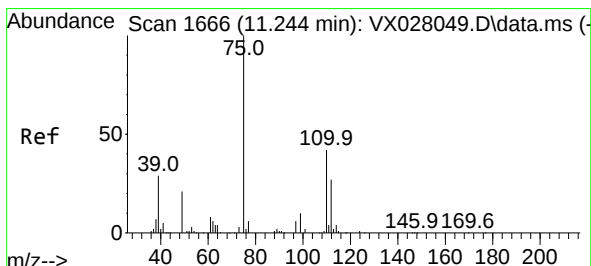
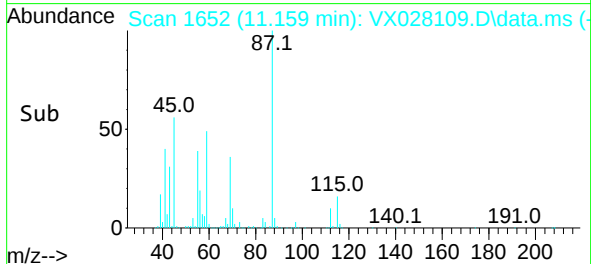
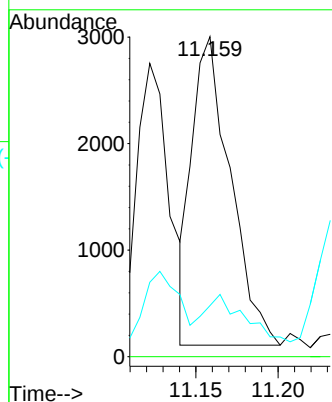
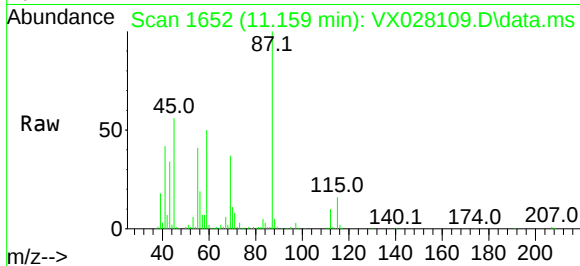




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.796 ug/l
 RT: 11.159 min Scan# 1652
 Delta R.T. -0.054 min
 Lab File: VX028109.D
 Acq: 14 Apr 2022 16:01

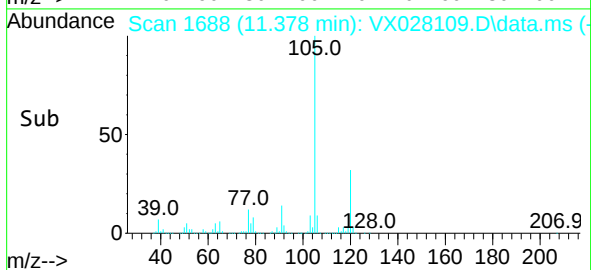
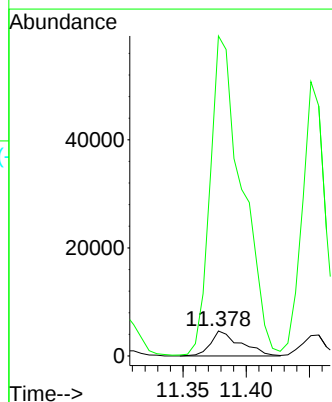
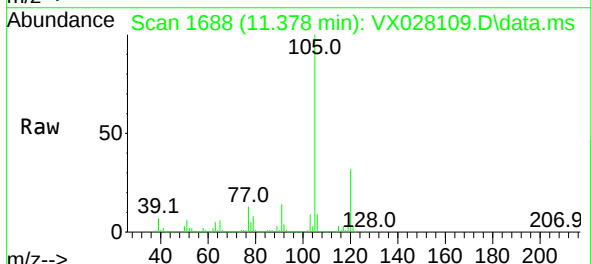
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-48

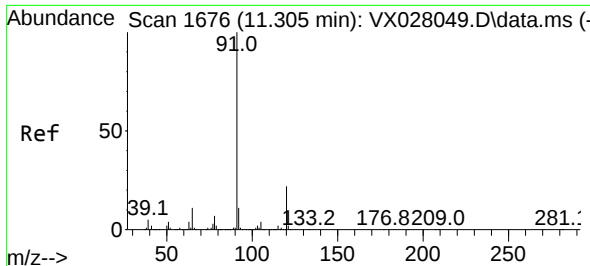
Tgt Ion: 83 Resp: 4691
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.1 15.3#
 85 13.9 32.6 97.7#



#76
 1,2,3-Trichloropropane
 Concen: 1.441 ug/l
 RT: 11.378 min Scan# 1688
 Delta R.T. 0.134 min
 Lab File: VX028109.D
 Acq: 14 Apr 2022 16:01

Tgt Ion: 75 Resp: 7619
 Ion Ratio Lower Upper
 75 100
 77 1362.9 19.4 58.2#

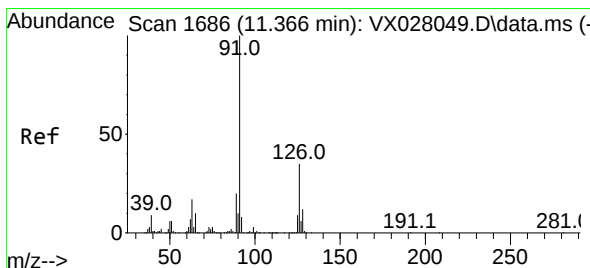
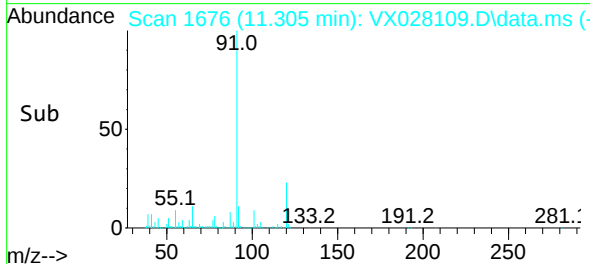
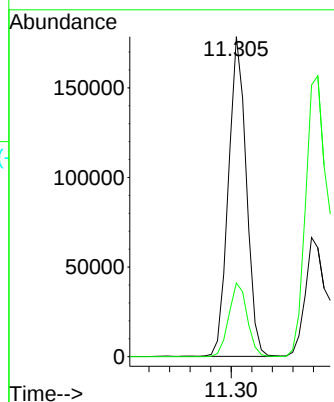
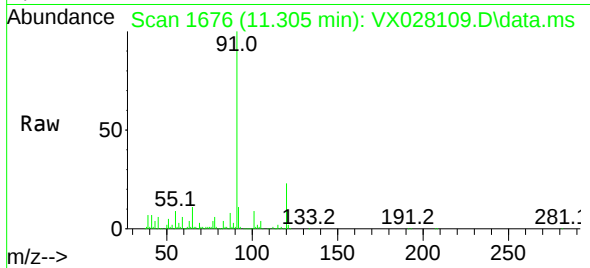




#78
n-propylbenzene
Concen: 11.002 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

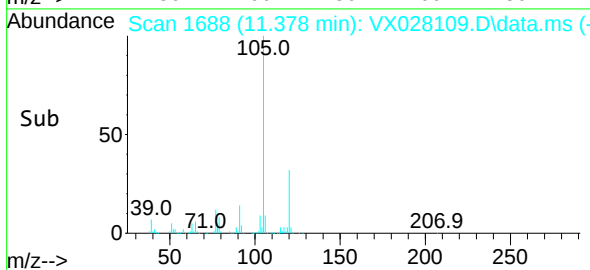
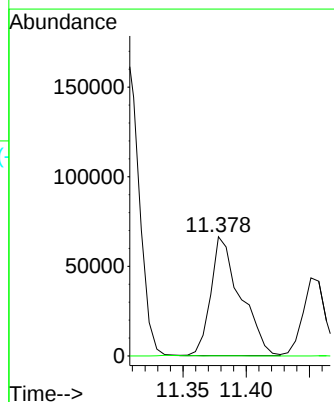
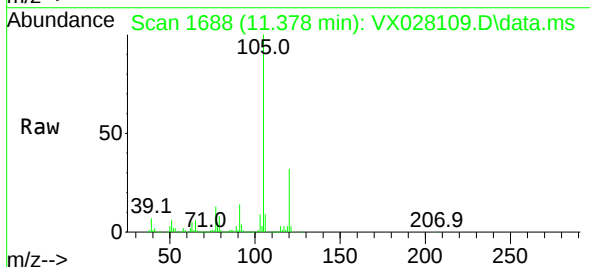
Instrument :
MSVOA_X
ClientSampleId :
MW-48

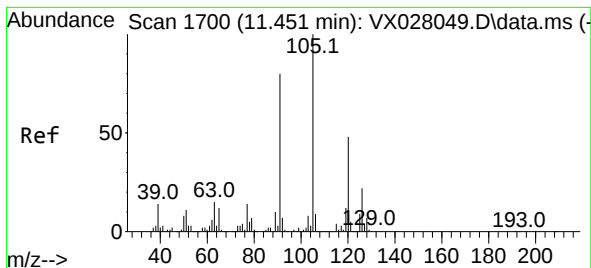
Tgt Ion: 91 Resp: 215682
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8



#79
2-Chlorotoluene
Concen: 9.121 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Tgt Ion: 91 Resp: 108438
Ion Ratio Lower Upper
91 100
126 0.2 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 31.727 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

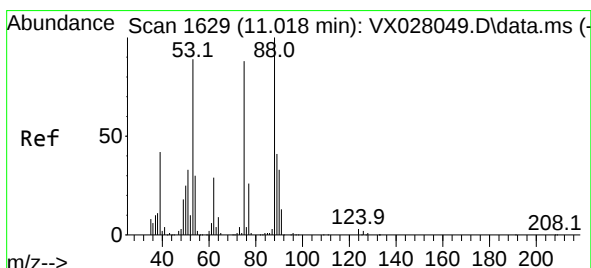
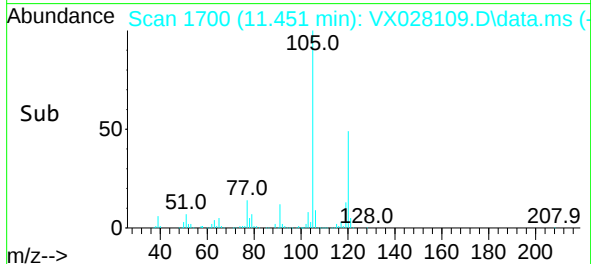
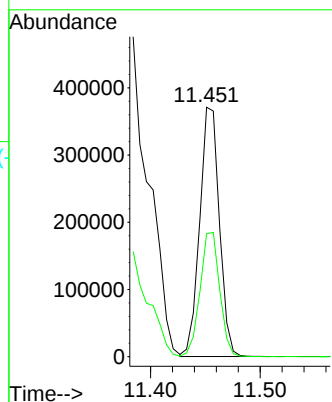
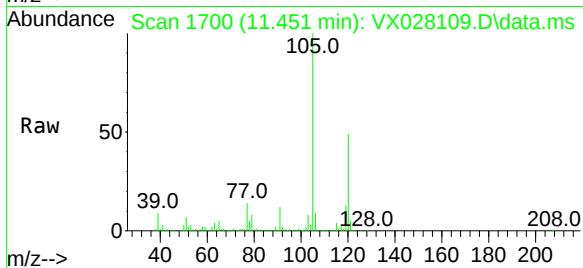
MW-48

Tgt Ion:105 Resp: 462307

Ion Ratio Lower Upper

105 100

120 49.8 24.3 72.9



#81

trans-1,4-Dichloro-2-butene

Concen: 58.991 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

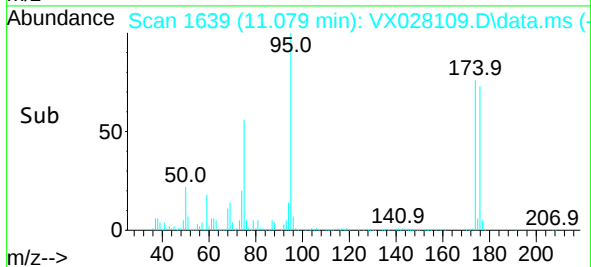
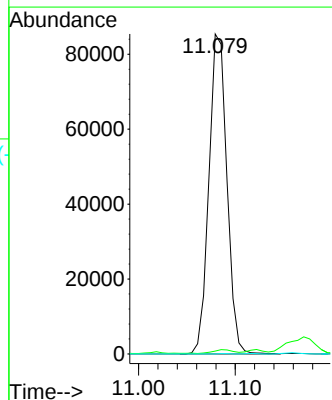
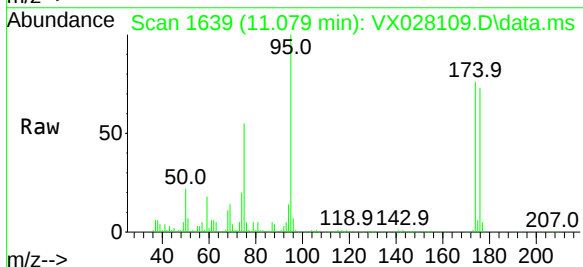
Tgt Ion: 75 Resp: 110721

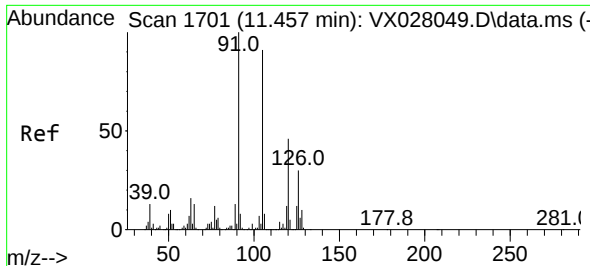
Ion Ratio Lower Upper

75 100

53 1.3 69.0 103.4#

89 0.0 37.0 55.6#

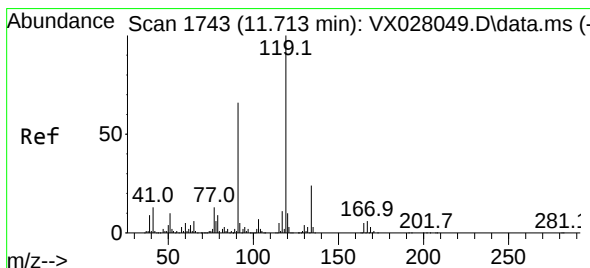
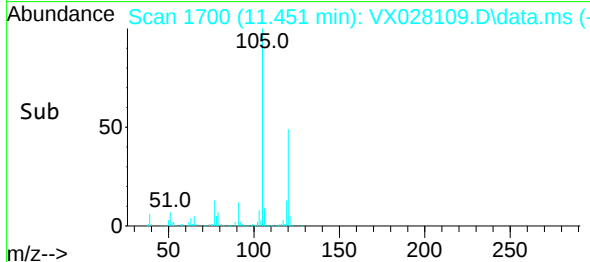
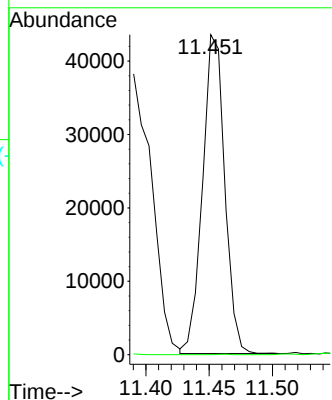
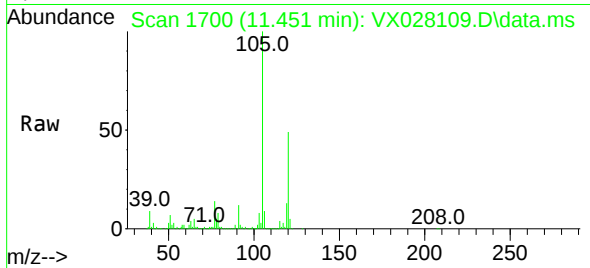




#82
4-Chlorotoluene
Concen: 3.795 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

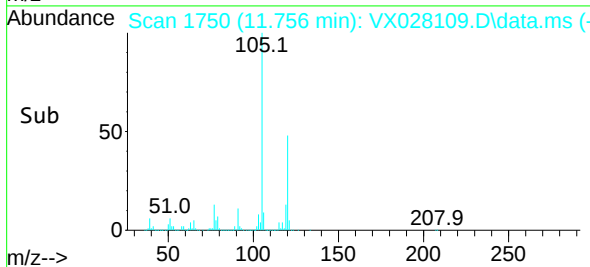
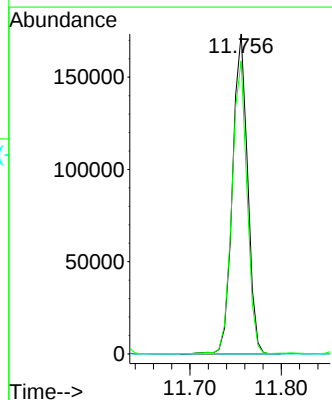
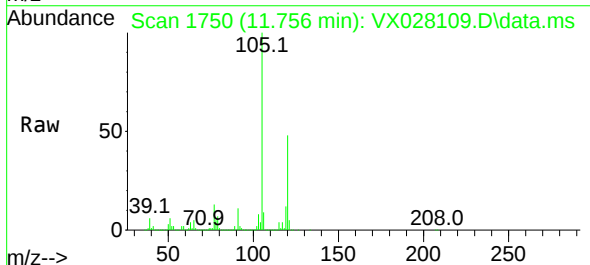
Instrument :
MSVOA_X
ClientSampleId :
MW-48

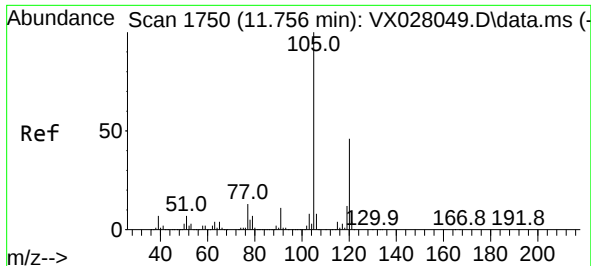
Tgt Ion: 91 Resp: 53116
Ion Ratio Lower Upper
91 100
126 0.1 14.9 44.5#



#83
tert-Butylbenzene
Concen: 14.103 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.043 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Tgt Ion: 119 Resp: 198835
Ion Ratio Lower Upper
119 100
91 91.7 26.9 80.6#
134 0.0 11.4 34.2#

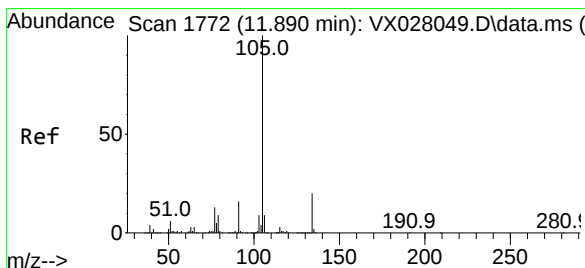
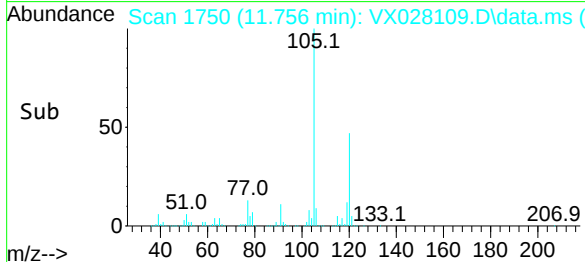
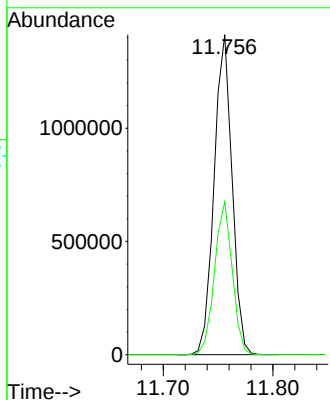
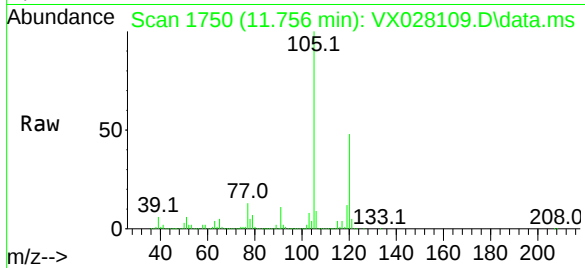




#84
1,2,4-Trimethylbenzene
Concen: 112.737 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

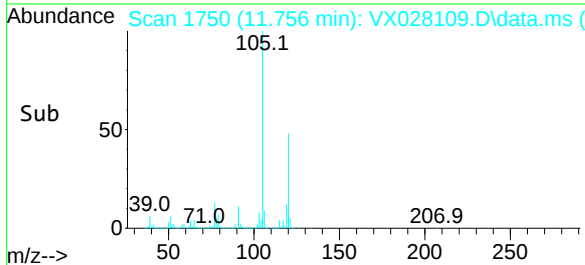
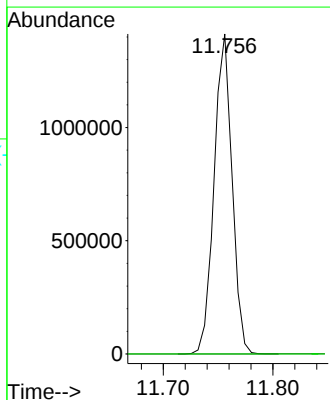
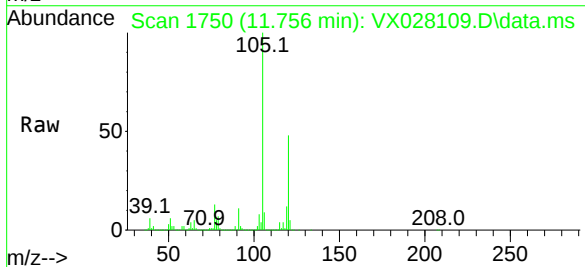
Instrument :
MSVOA_X
ClientSampleId :
MW-48

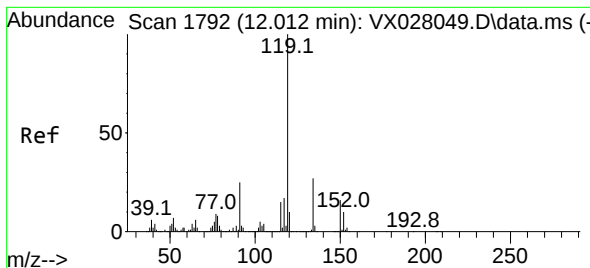
Tgt Ion:105 Resp: 1608321
Ion Ratio Lower Upper
105 100
120 47.3 22.6 67.8



#85
sec-Butylbenzene
Concen: 89.382 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX028109.D
Acq: 14 Apr 2022 16:01

Tgt Ion:105 Resp: 1608321
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 0.405 ug/l

RT: 12.012 min Scan# 119

Delta R.T. 0.000 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

MW-48

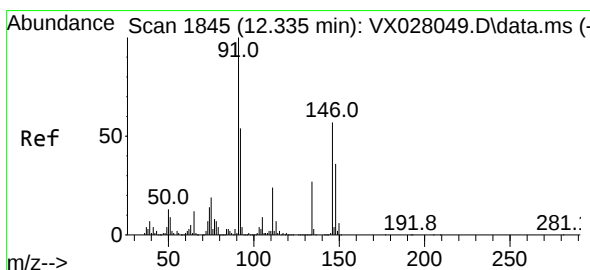
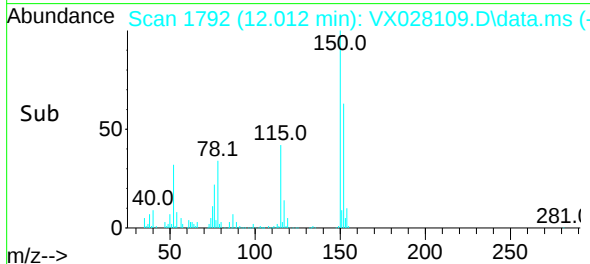
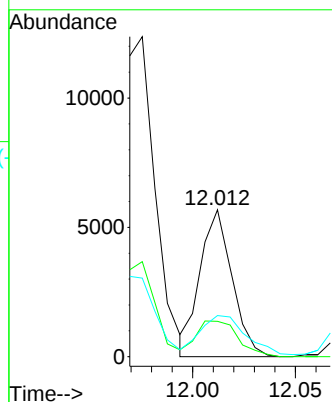
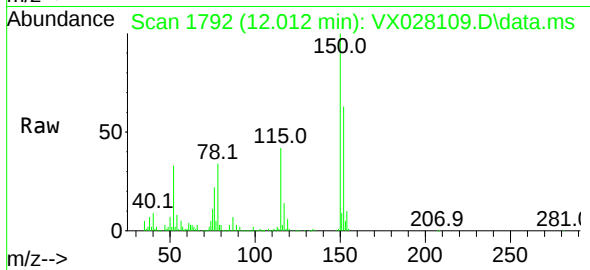
Tgt Ion:119 Resp: 6180

Ion Ratio Lower Upper

119 100

134 31.7 13.0 39.0

91 0.0 11.3 33.9#



#89

n-Butylbenzene

Concen: 2.893 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.018 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

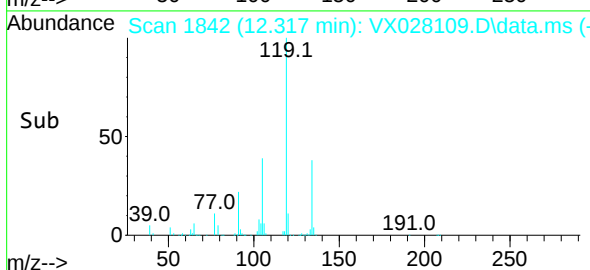
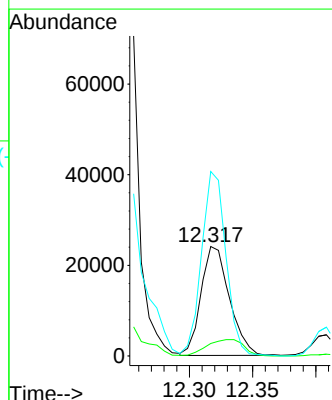
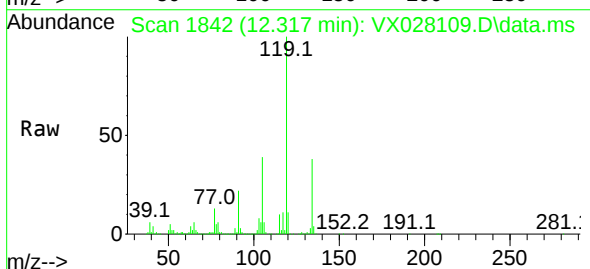
Tgt Ion: 91 Resp: 37756

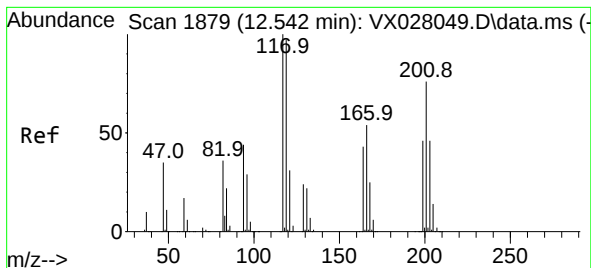
Ion Ratio Lower Upper

91 100

92 19.4 27.8 83.3#

134 145.3 13.3 39.8#





#90

Hexachloroethane

Concen: 14.725 ug/l

RT: 12.646 min Scan# 1879

Delta R.T. 0.104 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

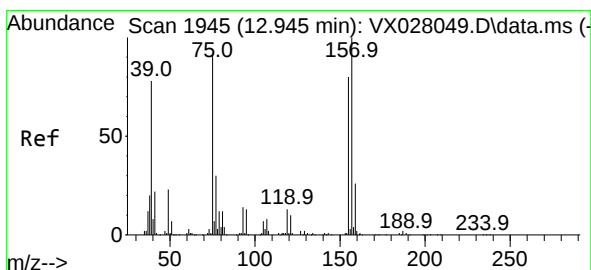
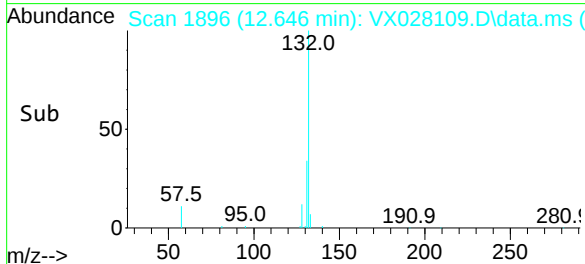
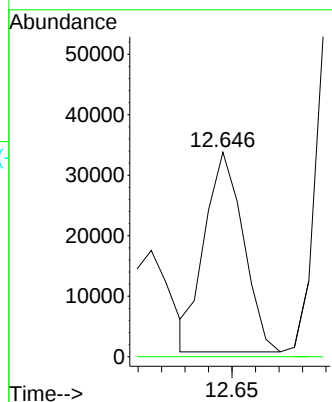
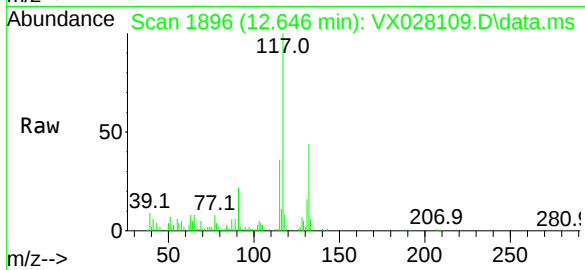
MW-48

Tgt Ion:117 Resp: 37723

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.879 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.018 min

Lab File: VX028109.D

Acq: 14 Apr 2022 16:01

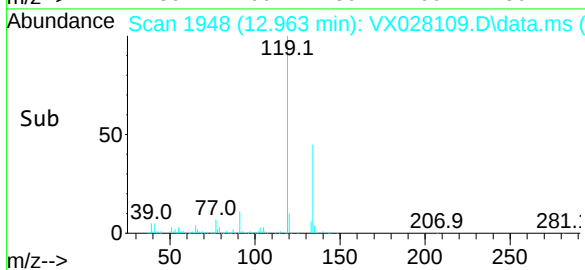
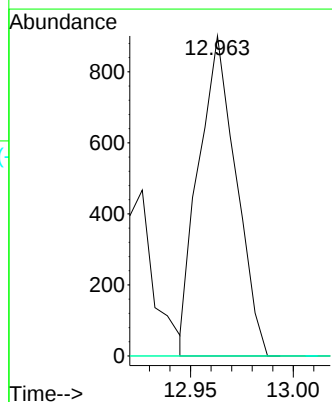
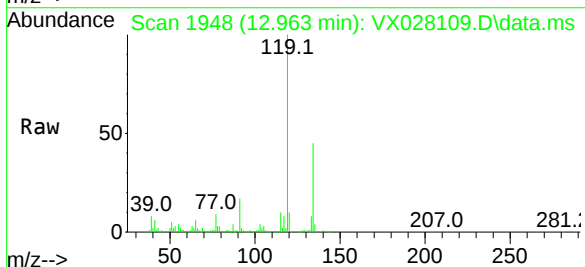
Tgt Ion: 75 Resp: 1140

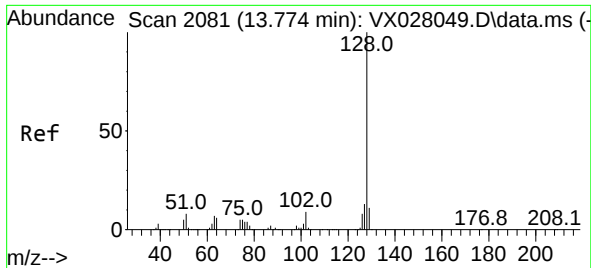
Ion Ratio Lower Upper

75 100

155 0.0 47.0 141.2#

157 0.0 57.9 173.6#





#95

Naphthalene

Concen: 38.750 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX028109.D

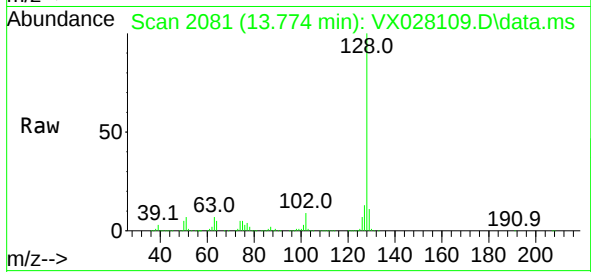
Acq: 14 Apr 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

MW-48



Tgt Ion:128 Resp: 607182

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.7 13.1

