

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038674.D
 Acq On : 09 Nov 2023 12:46
 Operator : JC/MD
 Sample : 05287-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50188

Quant Time: Nov 10 03:37:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	283339	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	462207	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	468653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	271997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160842	45.597	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.200%
35) Dibromofluoromethane	5.385	113	151478	45.503	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.000%
50) Toluene-d8	8.647	98	549779	46.152	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.300%
62) 4-Bromofluorobenzene	11.079	95	234609	50.797	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	546	0.215	ug/l	93
8) Diethyl Ether	2.130	74	582	0.363	ug/l	# 1
11) Tert butyl alcohol	2.953	59	5058	7.014	ug/l	# 78
13) Acrolein	2.215	56	1193	2.183	ug/l	# 1
14) Allyl chloride	2.636	41	1392	0.368	ug/l	# 24
15) Acrylonitrile	3.105	53	1947	1.279	ug/l	# 18
16) Acetone	2.374	43	198450	133.583	ug/l	90
17) Carbon Disulfide	2.514	76	2753	0.392	ug/l	98
18) Methyl Acetate	2.703	43	5498	0.869	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	122640	14.503	ug/l	97
20) Methylene Chloride	2.794	84	935	0.312	ug/l	93
22) Diisopropyl ether	3.764	45	4936	0.691	ug/l	# 69
25) 2-Butanone	4.556	43	52545	24.416	ug/l	# 89
29) Tetrahydrofuran	5.007	42	353	0.264	ug/l	# 62
31) Cyclohexane	5.477	56	4907	1.257	ug/l	# 74
36) 1,1-Dichloropropene	5.550	75	18813	4.549	ug/l	# 51
37) Ethyl Acetate	4.709	43	306785	72.664	ug/l	# 92
38) Carbon Tetrachloride	5.550	117	26639	5.762	ug/l	# 15
39) Methylcyclohexane	7.379	83	1813	0.351	ug/l	89
40) Benzene	6.038	78	950080	79.768	ug/l	100
41) Methacrylonitrile	5.001	41	1922	0.894	ug/l	# 32
42) 1,2-Dichloroethane	6.044	62	8788	2.045	ug/l	# 77
48) Methyl methacrylate	7.604	41	651	0.208	ug/l	# 16
49) 1,4-Dioxane	7.452	88	48	0.674	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.580	43	1617	0.382	ug/l	94
52) Toluene	8.720	92	1080333	138.462	ug/l	98
53) t-1,3-Dichloropropene	8.720	75	12675	2.749	ug/l	# 1
59) 2-Hexanone	9.439	43	2845	0.831	ug/l	95
67) Ethyl Benzene	10.195	91	146393	9.072	ug/l	95
68) m/p-Xylenes	10.299	106	186870	29.177	ug/l	98
69) o-Xylene	10.640	106	89429	14.358	ug/l	98
70) Styrene	10.640	104	5924	0.576	ug/l	# 1
73) Isopropylbenzene	10.964	105	6569	0.394	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	112845	20.948	ug/l	# 39
78) n-propylbenzene	11.305	91	13398	0.690	ug/l	97
79) 2-Chlorotoluene	11.378	91	8617	0.741	ug/l	# 48

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

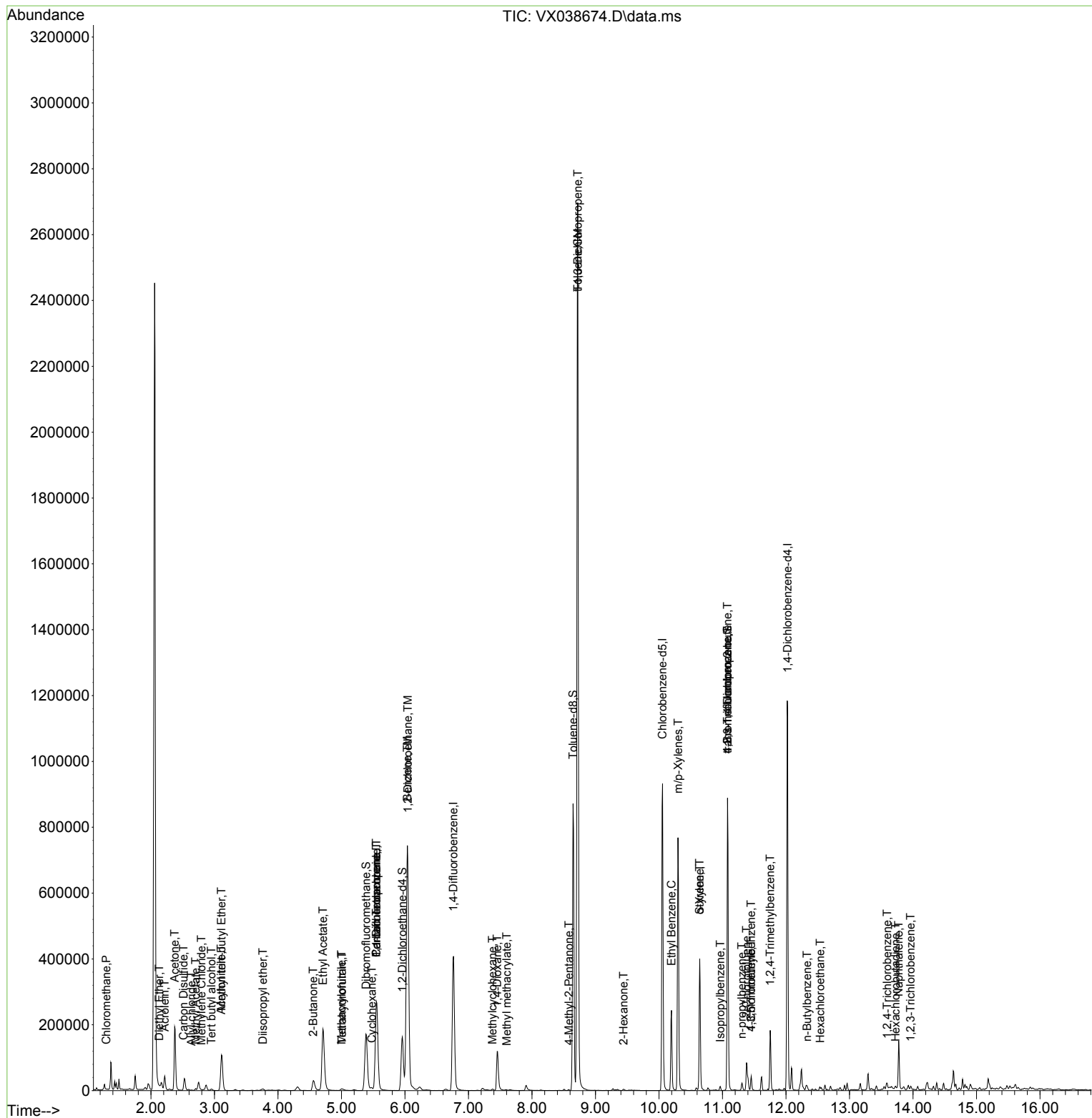
80) 1,3,5-Trimethylbenzene	11.451	105	18342	1.277	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	112845	63.694	ug/l #	5
82) 4-Chlorotoluene	11.451	91	3550	0.261	ug/l	76
84) 1,2,4-Trimethylbenzene	11.750	105	81714	5.737	ug/l	93
89) n-Butylbenzene	12.329	91	4239	0.308	ug/l #	67
90) Hexachloroethane	12.536	117	1018	0.389	ug/l #	20
93) 1,2,4-Trichlorobenzene	13.591	180	2353	0.385	ug/l	93
94) Hexachlorobutadiene	13.725	225	1048	0.397	ug/l	93
95) Naphthalene	13.774	128	96384	5.224	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	1725	0.286	ug/l #	75

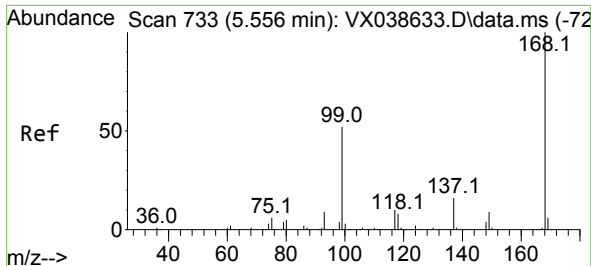
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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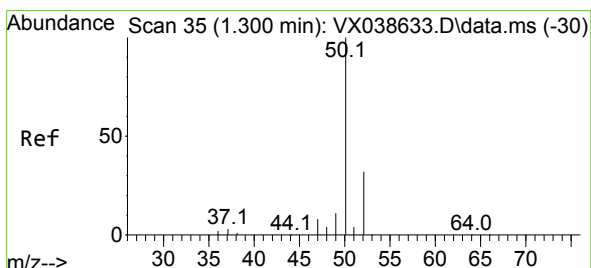
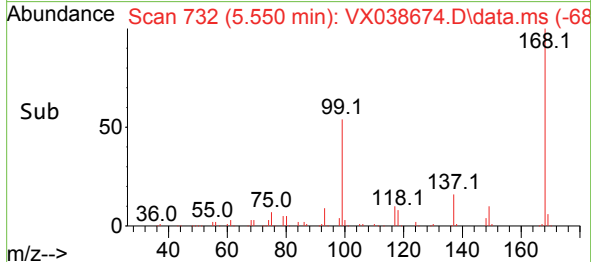
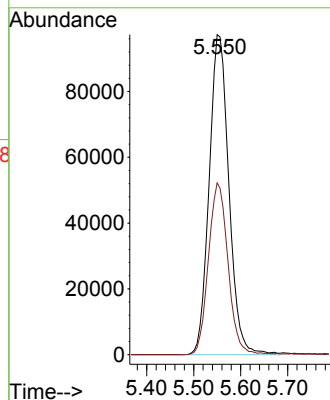
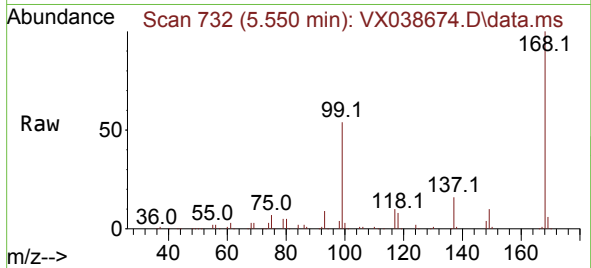




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

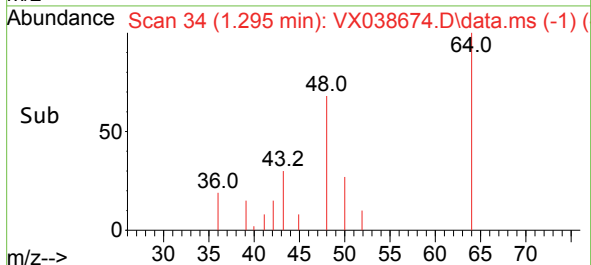
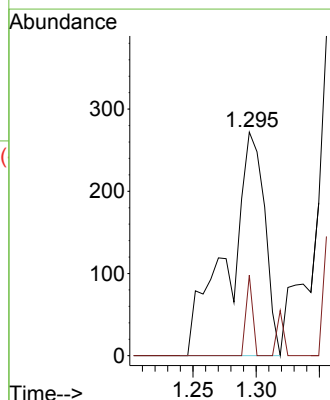
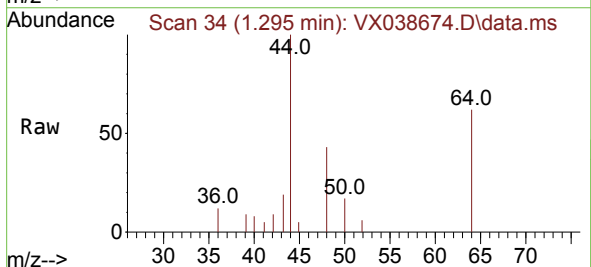
Instrument :
MSVOA_X
ClientSampleId :
50188

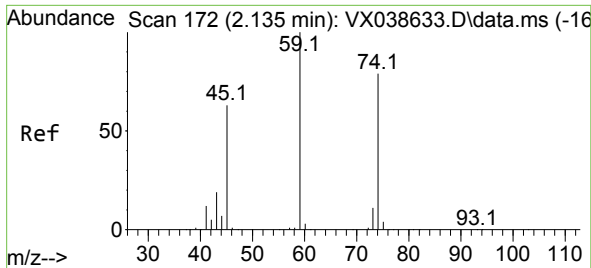
Tgt Ion:168 Resp: 283339
Ion Ratio Lower Upper
168 100
99 53.7 56.6 85.0#



#3
Chloromethane
Concen: 0.215 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 50 Resp: 546
Ion Ratio Lower Upper
50 100
52 36.0 25.5 38.3

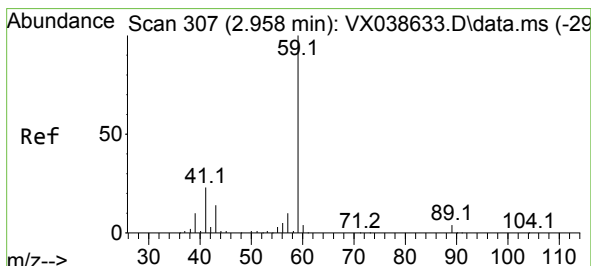
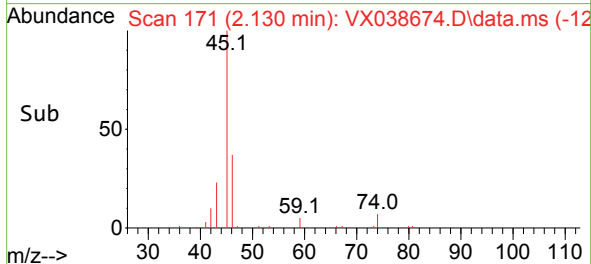
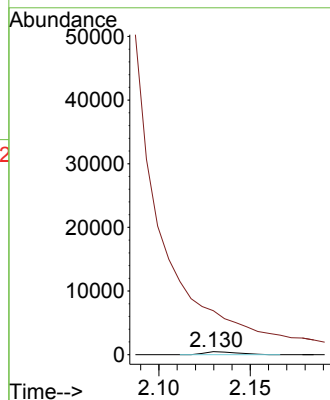
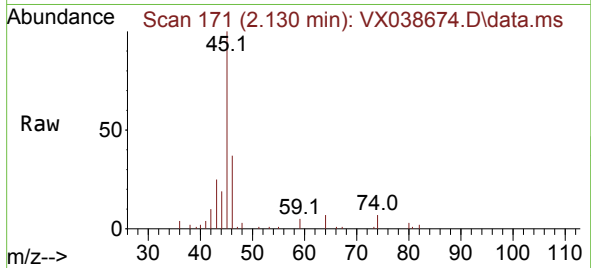




#8
Diethyl Ether
Concen: 0.363 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

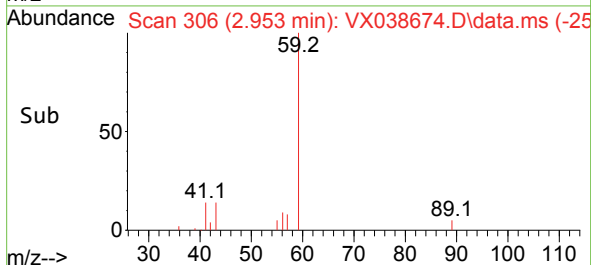
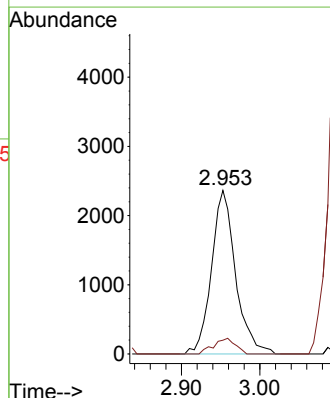
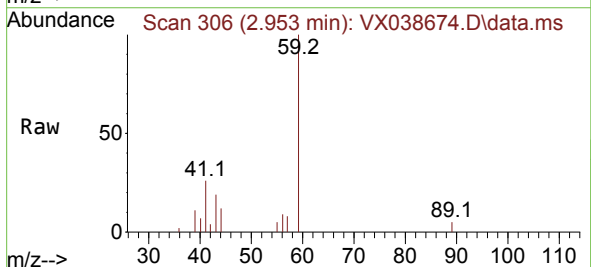
Instrument :
MSVOA_X
ClientSampleId :
50188

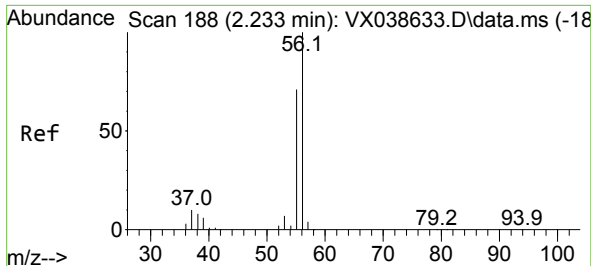
Tgt Ion: 74 Resp: 582
Ion Ratio Lower Upper
74 100
45 0.0 53.3 159.8#



#11
Tert butyl alcohol
Concen: 7.014 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 59 Resp: 5058
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 2.183 ug/l

RT: 2.215 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

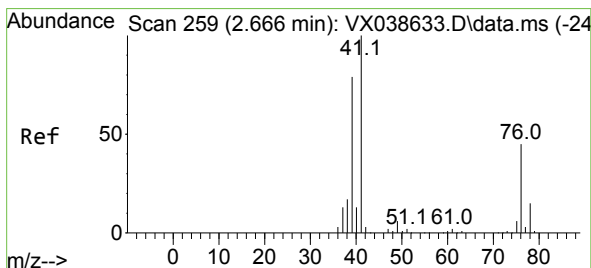
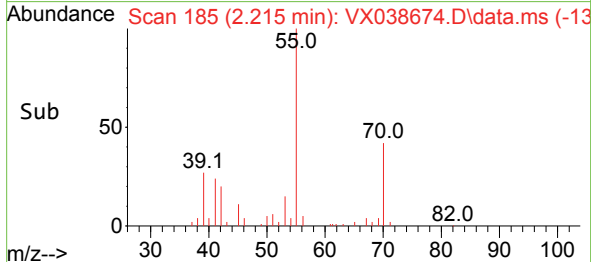
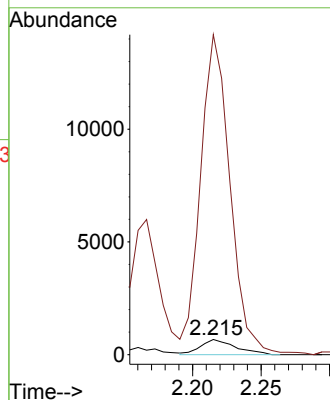
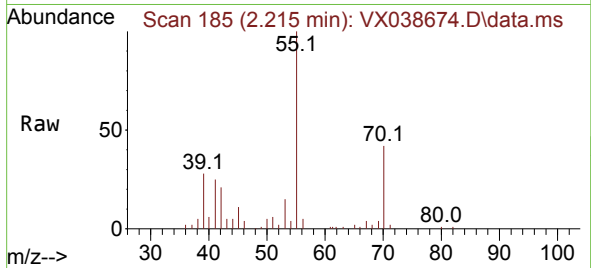
50188

Tgt Ion: 56 Resp: 1193

Ion Ratio Lower Upper

56 100

55 1788.2 57.1 85.7#



#14

Allyl chloride

Concen: 0.368 ug/l

RT: 2.636 min Scan# 254

Delta R.T. -0.030 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

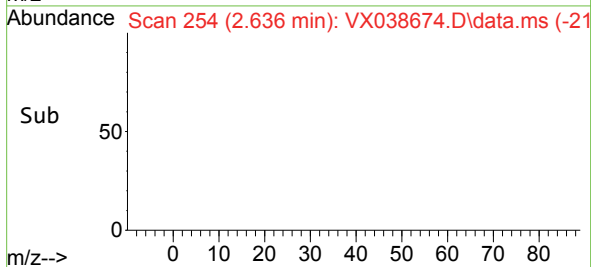
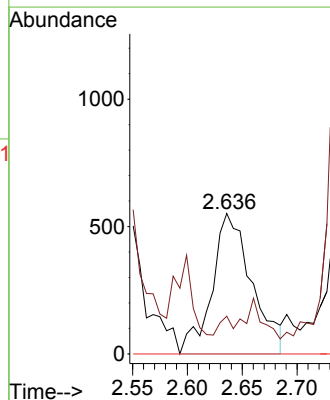
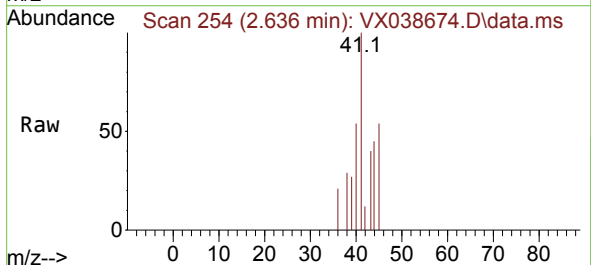
Tgt Ion: 41 Resp: 1392

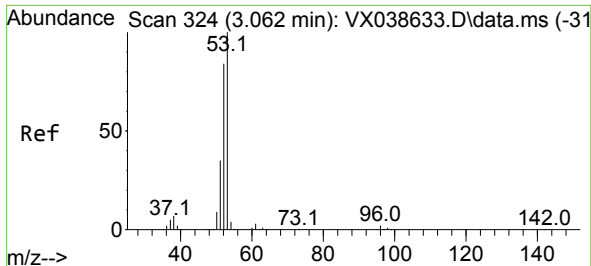
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

76 0.0 24.3 36.5#





#15

Acrylonitrile

Concen: 1.279 ug/l

RT: 3.105 min Scan# 31

Delta R.T. 0.043 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

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50188

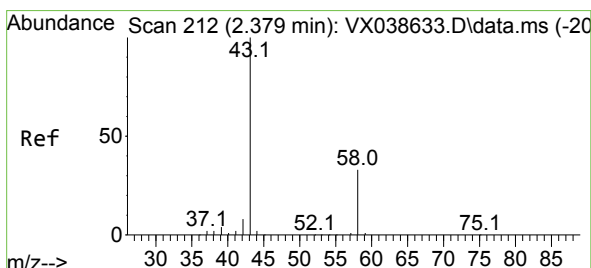
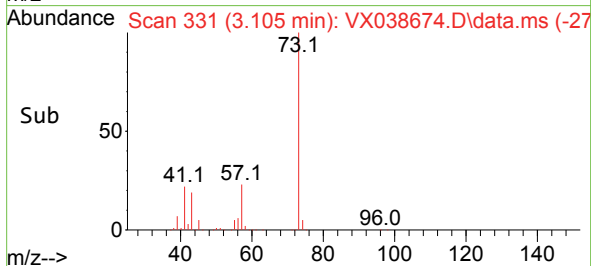
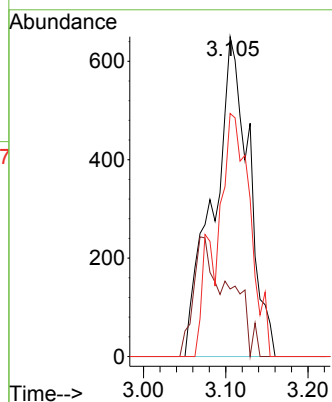
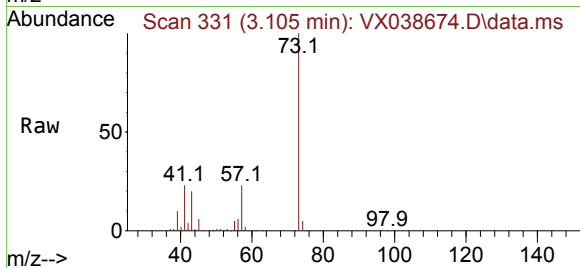
Tgt Ion: 53 Resp: 1947

Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

51 72.1 29.8 44.6#



#16

Acetone

Concen: 133.583 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX038674.D

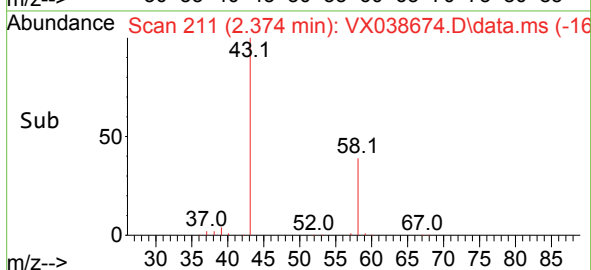
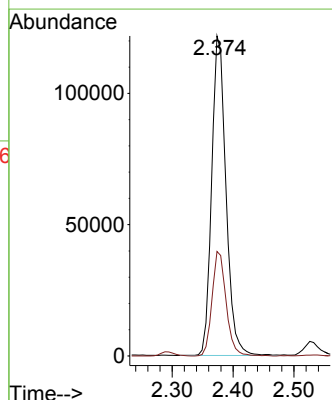
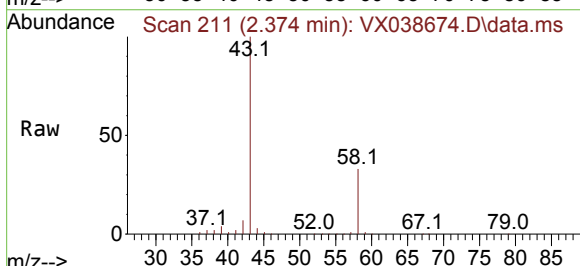
Acq: 09 Nov 2023 12:46

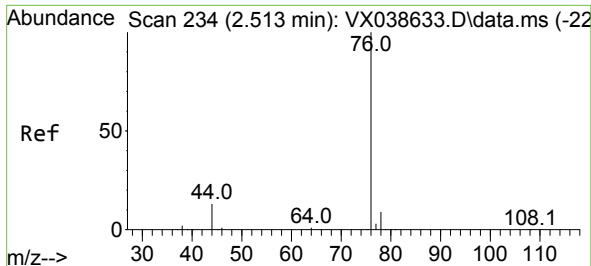
Tgt Ion: 43 Resp: 198450

Ion Ratio Lower Upper

43 100

58 32.6 21.9 32.9

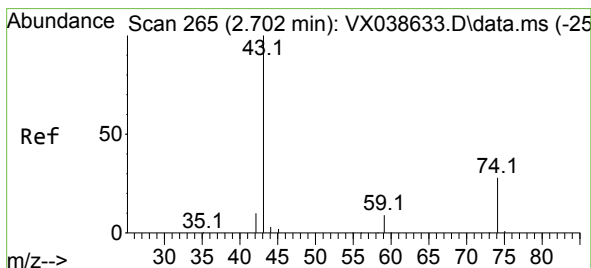
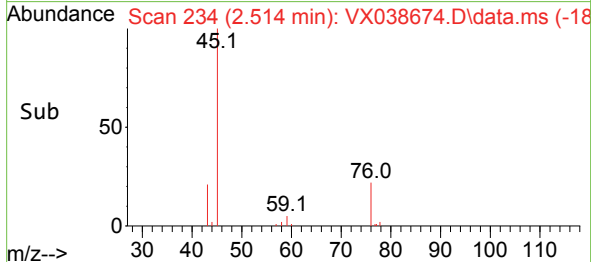
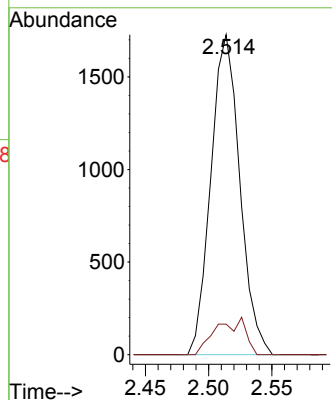
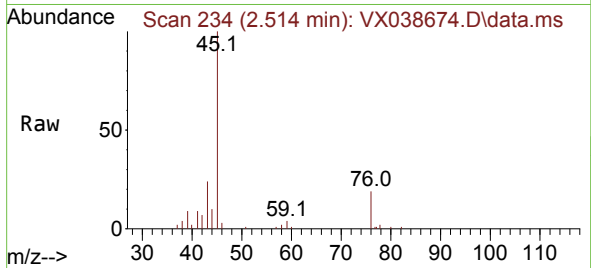




#17
Carbon Disulfide
Concen: 0.392 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

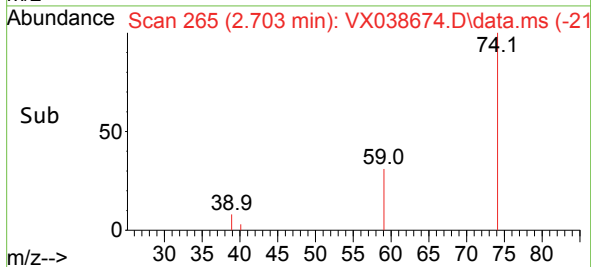
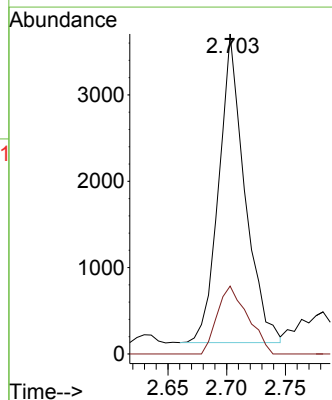
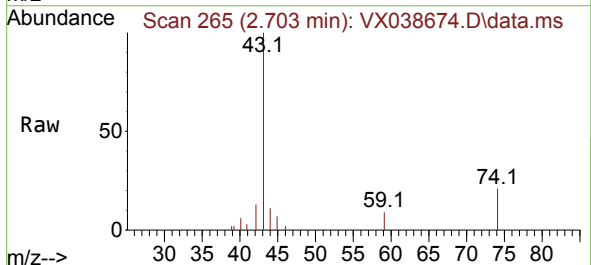
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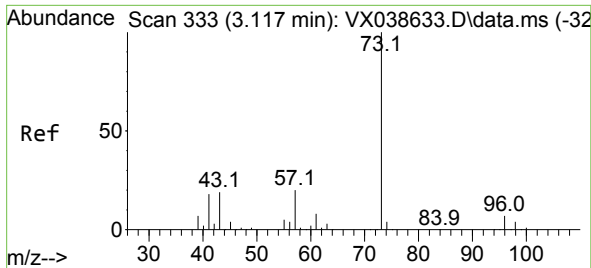
Tgt Ion: 76 Resp: 2753
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 0.869 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 43 Resp: 5498
Ion Ratio Lower Upper
43 100
74 25.7 17.8 26.8

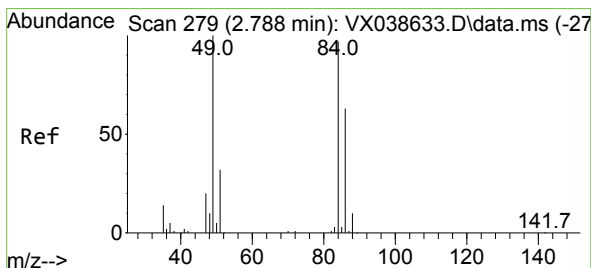
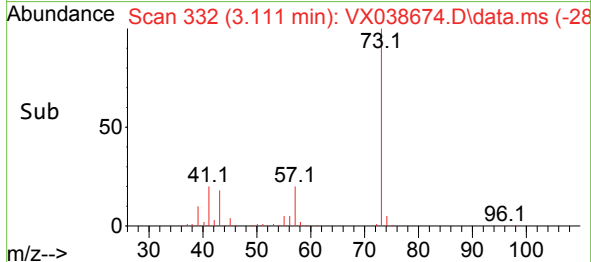
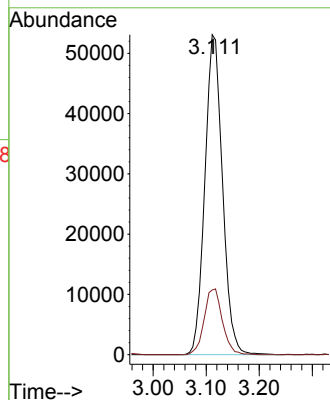
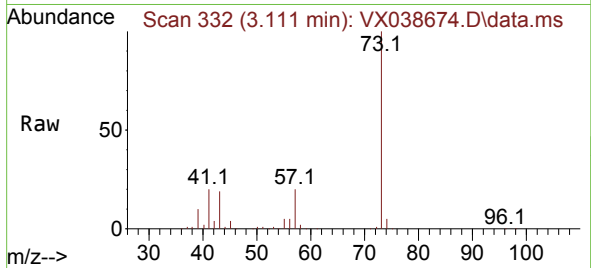




#19
Methyl tert-butyl Ether
Concen: 14.503 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

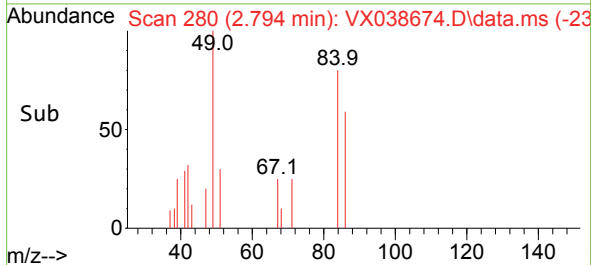
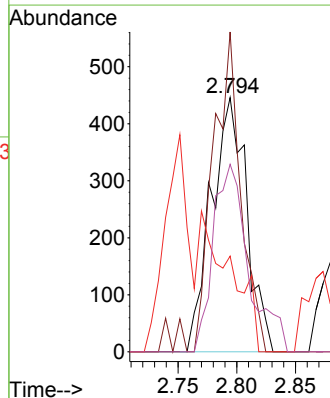
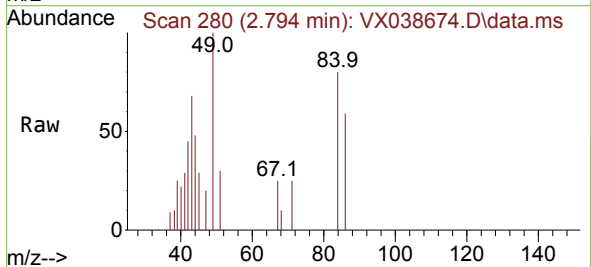
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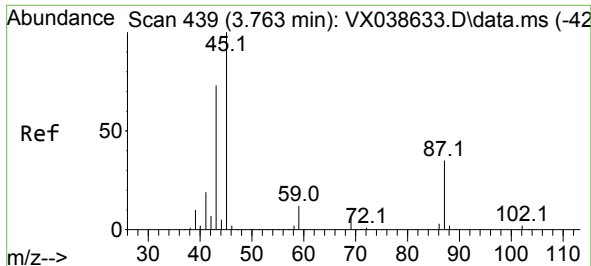
Tgt Ion: 73 Resp: 122640
Ion Ratio Lower Upper
73 100
57 20.2 17.3 25.9



#20
Methylene Chloride
Concen: 0.312 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.007 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 84 Resp: 935
Ion Ratio Lower Upper
84 100
49 125.8 103.6 155.4
51 37.7 33.8 50.6
86 73.8 49.4 74.0





#22

Diisopropyl ether

Concen: 0.691 ug/l

RT: 3.764 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

50188

Tgt Ion: 45 Resp: 4936

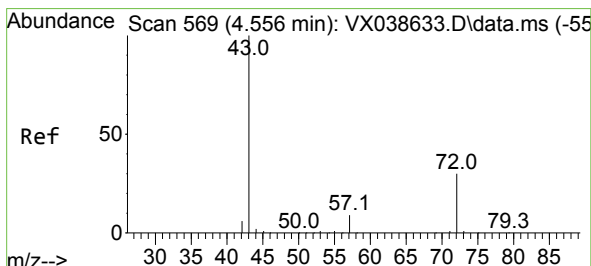
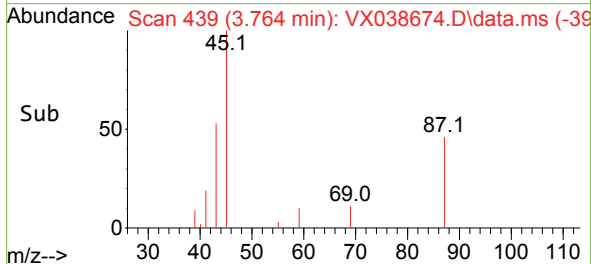
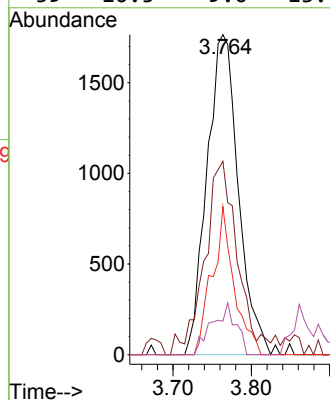
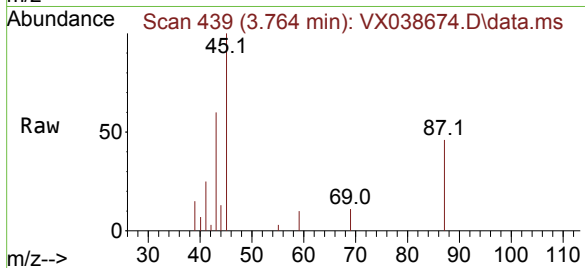
Ion Ratio Lower Upper

45 100

43 57.5 69.7 104.5#

87 46.2 20.8 31.2#

59 10.5 9.0 13.4



#25

2-Butanone

Concen: 24.416 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX038674.D

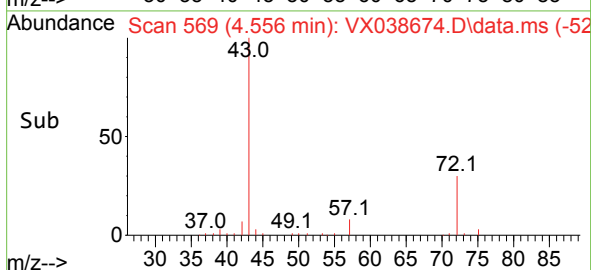
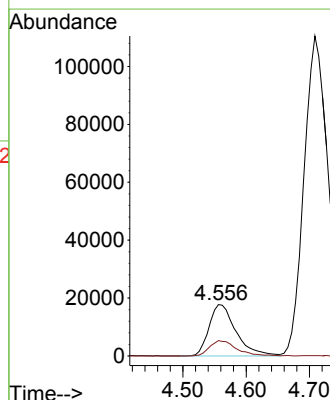
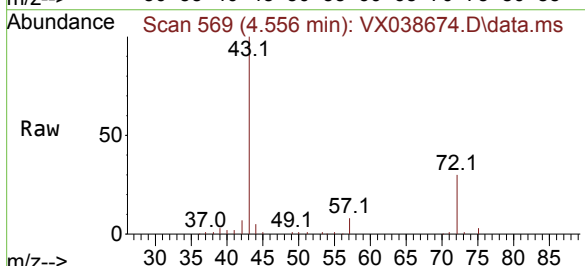
Acq: 09 Nov 2023 12:46

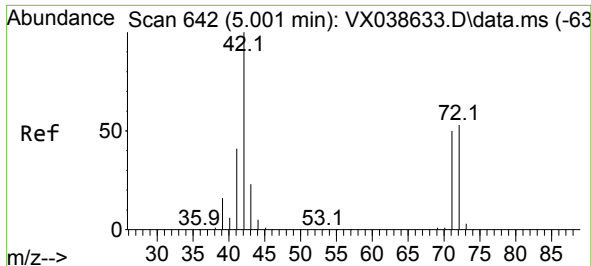
Tgt Ion: 43 Resp: 52545

Ion Ratio Lower Upper

43 100

72 30.0 19.4 29.2#

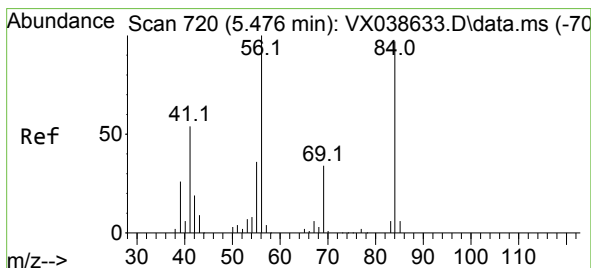
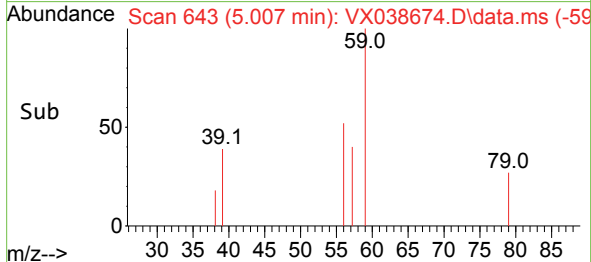
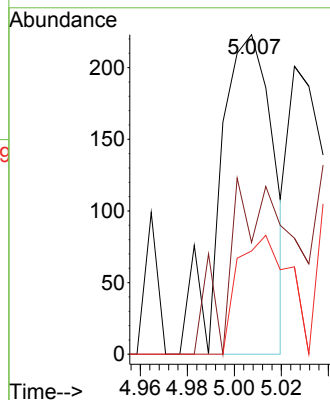
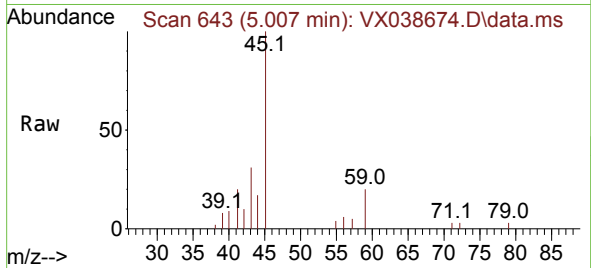




#29
Tetrahydrofuran
Concen: 0.264 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.007 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

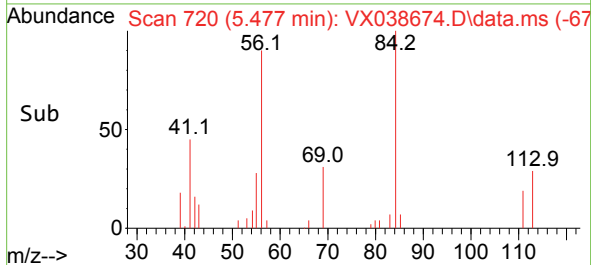
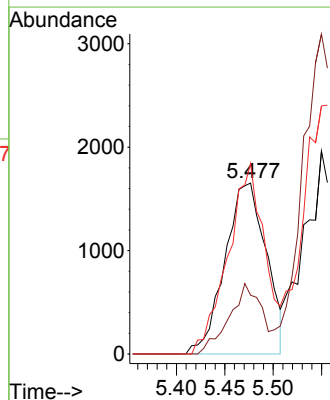
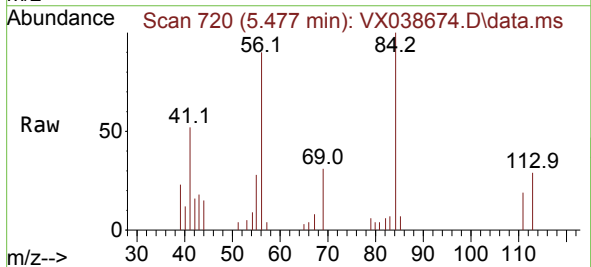
Instrument :
MSVOA_X
ClientSampleId :
50188

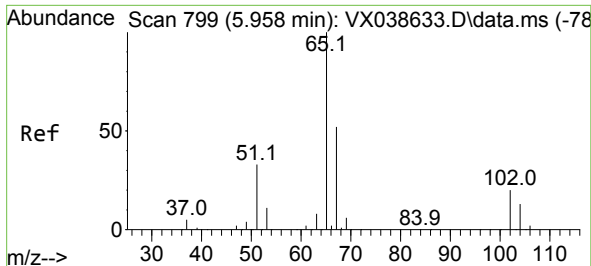
Tgt Ion: 42 Resp: 353
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 35.4 32.2 48.2



#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 56 Resp: 4907
Ion Ratio Lower Upper
56 100
69 34.4 23.4 35.2
84 111.6 65.9 98.9#

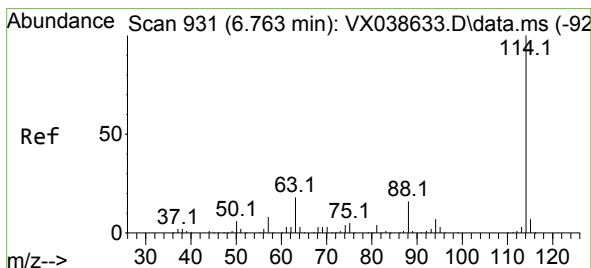
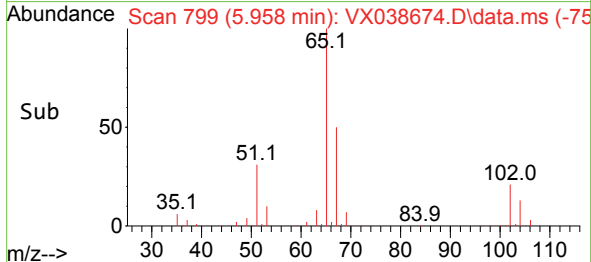
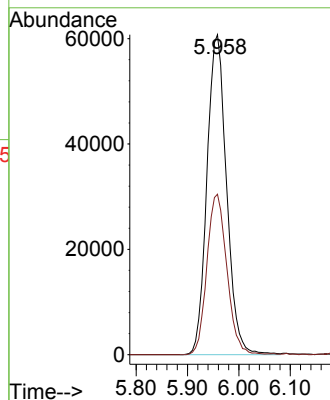
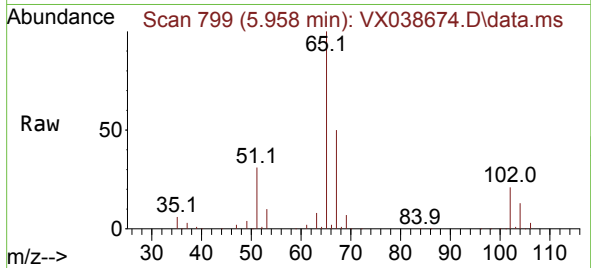




#33
 1,2-Dichloroethane-d4
 Concen: 45.597 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038674.D
 Acq: 09 Nov 2023 12:46

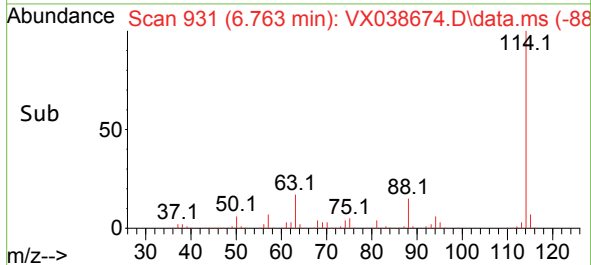
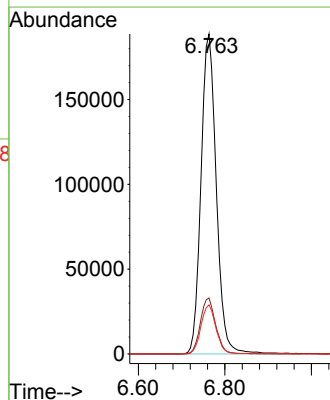
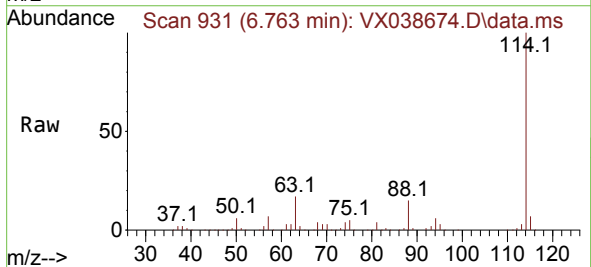
Instrument :
 MSVOA_X
 ClientSampleId :
 50188

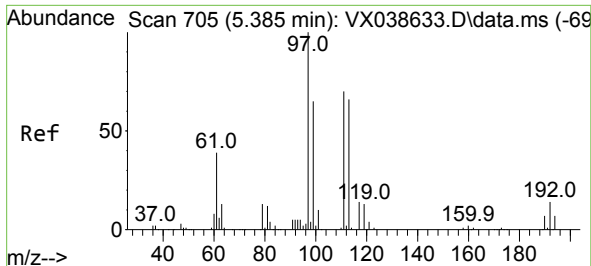
Tgt Ion: 65 Resp: 160842
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038674.D
 Acq: 09 Nov 2023 12:46

Tgt Ion: 114 Resp: 462207
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 45.0
 88 15.3 0.0 36.6

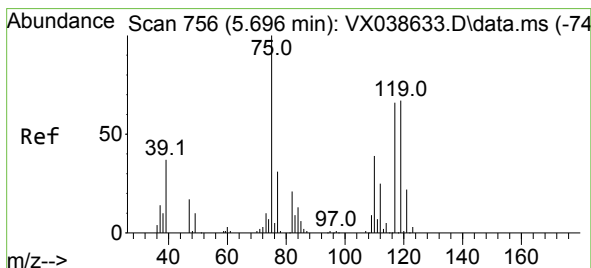
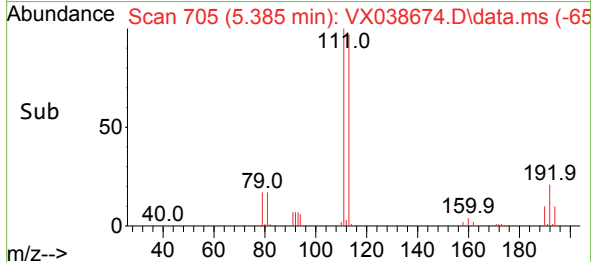
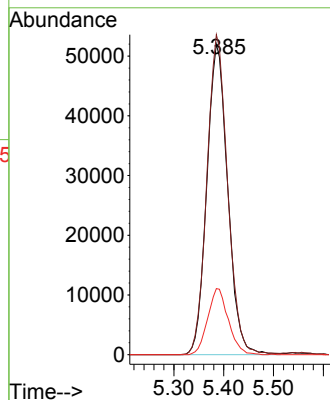
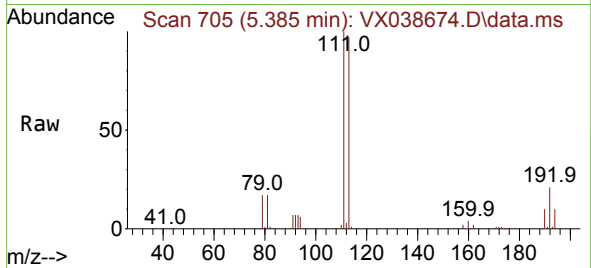




#35
Dibromofluoromethane
Concen: 45.503 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

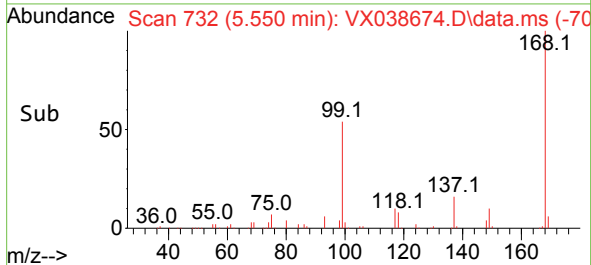
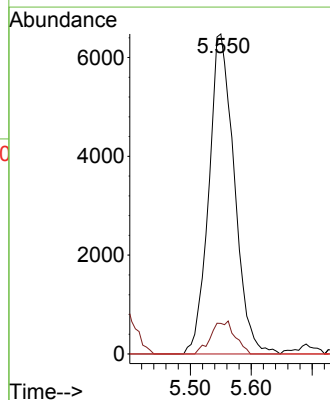
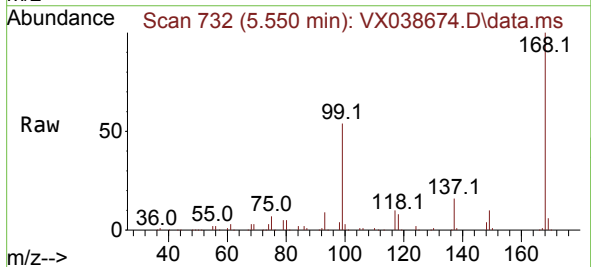
Instrument :
MSVOA_X
ClientSampleId :
50188

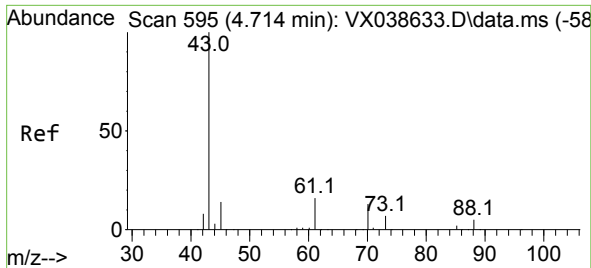
Tgt Ion:113 Resp: 151478
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 21.0 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.549 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 75 Resp: 18813
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 72.664 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

50188

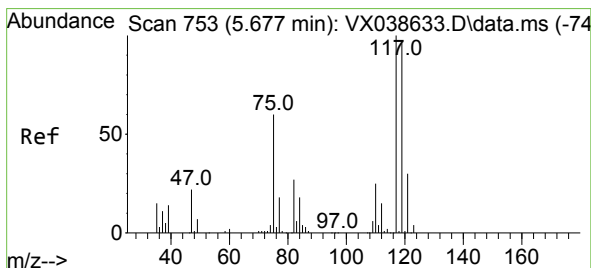
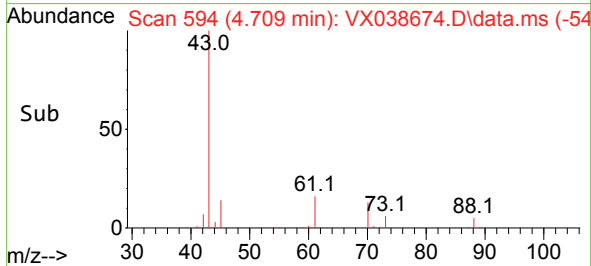
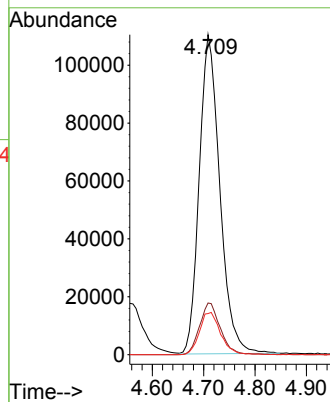
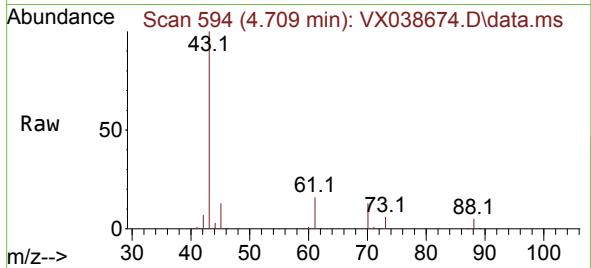
Tgt Ion: 43 Resp: 306785

Ion Ratio Lower Upper

43 100

61 16.3 10.6 16.0#

70 13.7 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.762 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

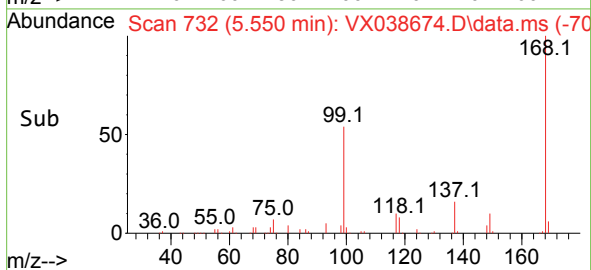
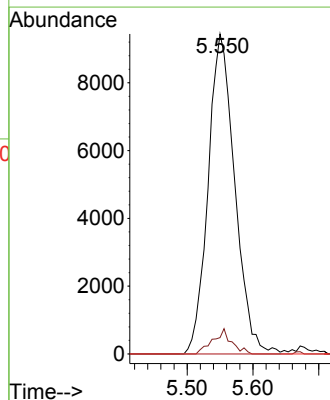
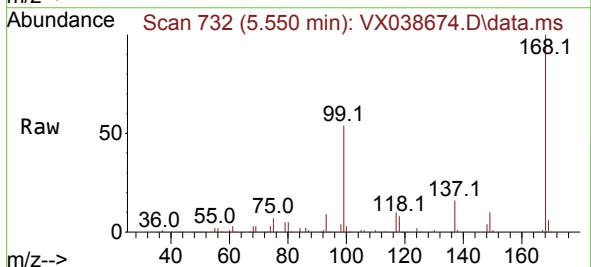
Tgt Ion: 117 Resp: 26639

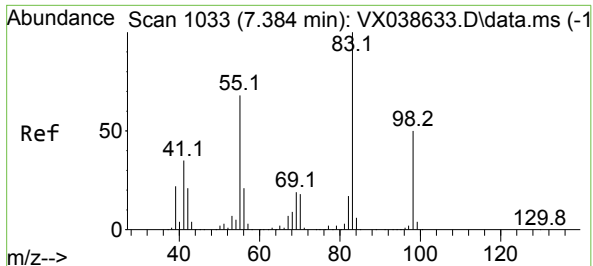
Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.2#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.351 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

50188

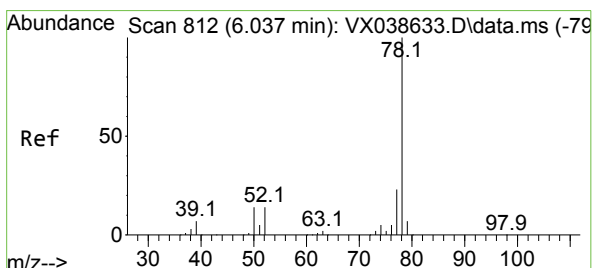
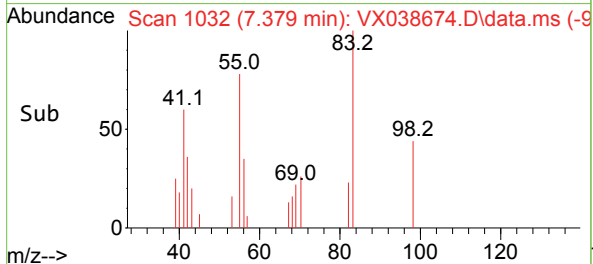
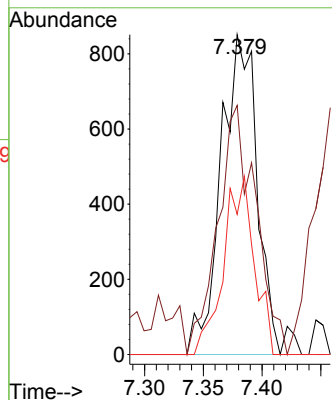
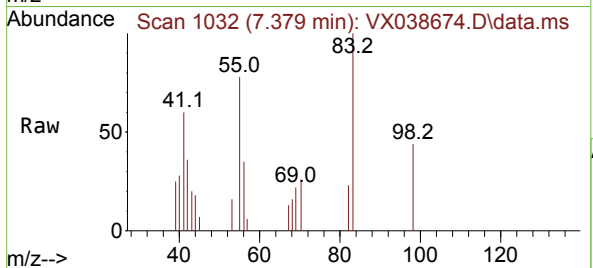
Tgt Ion: 83 Resp: 1813

Ion Ratio Lower Upper

83 100

55 67.1 64.6 97.0

98 43.8 36.7 55.1



#40

Benzene

Concen: 79.768 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038674.D

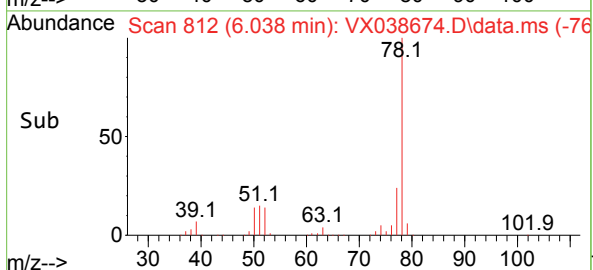
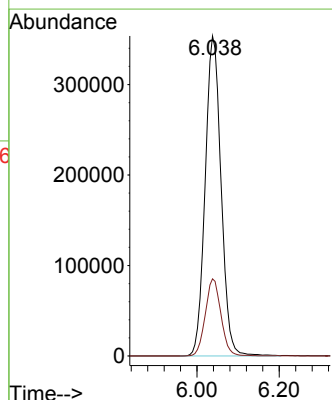
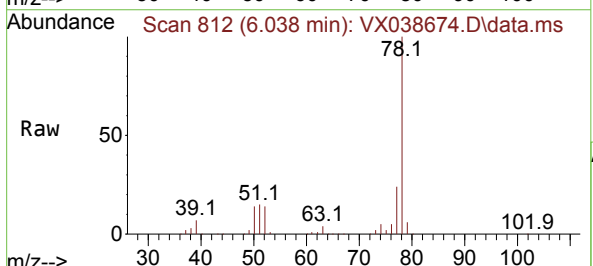
Acq: 09 Nov 2023 12:46

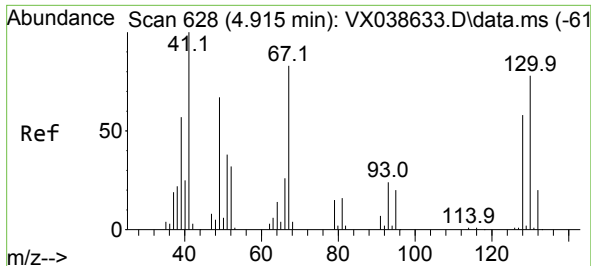
Tgt Ion: 78 Resp: 950080

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9

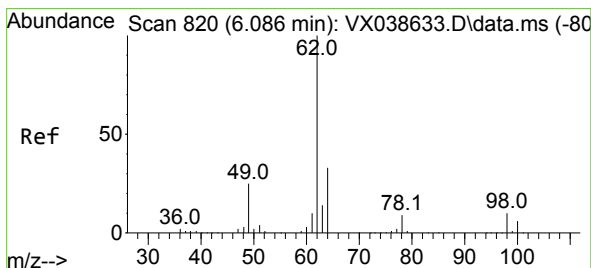
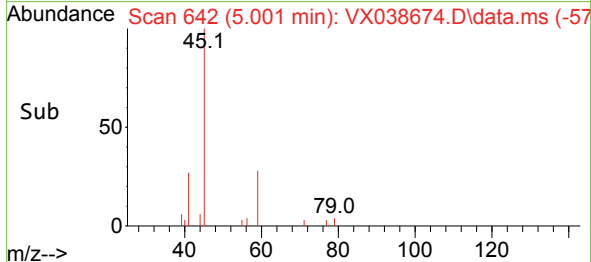
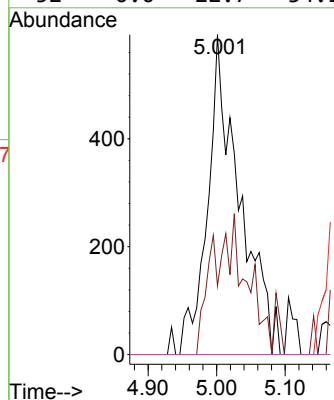
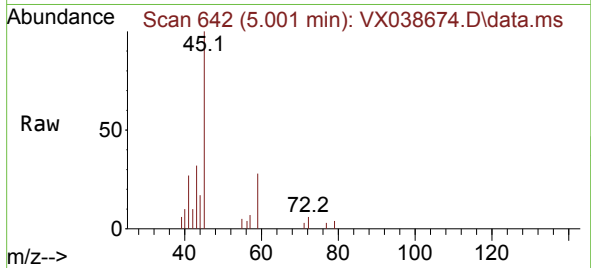




#41
Methacrylonitrile
Concen: 0.894 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.086 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

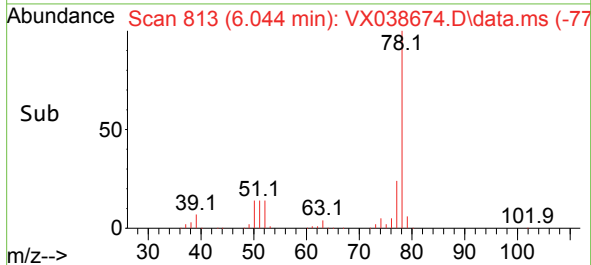
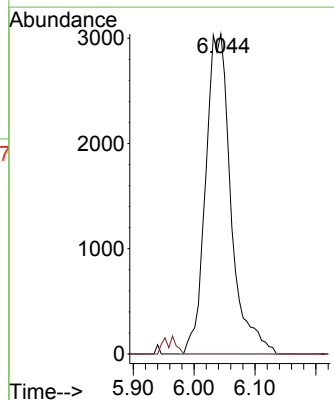
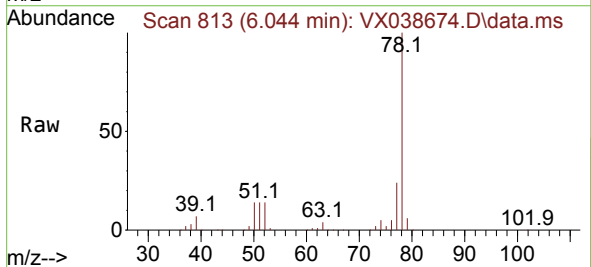
Instrument :
MSVOA_X
ClientSampleId :
50188

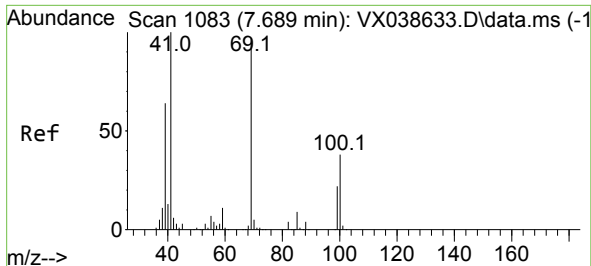
Tgt Ion: 41	Resp:	1922
Ion	Ratio	Lower Upper
41	100	
39	13.5	45.2 67.8#
67	0.0	52.6 78.8#
52	0.0	22.7 34.1#



#42
1,2-Dichloroethane
Concen: 2.045 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.042 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 62	Resp:	8788
Ion	Ratio	Lower Upper
62	100	
98	0.0	0.0 16.0

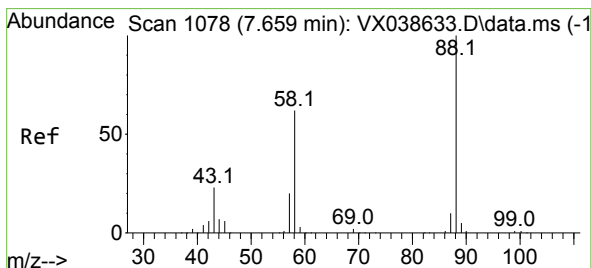
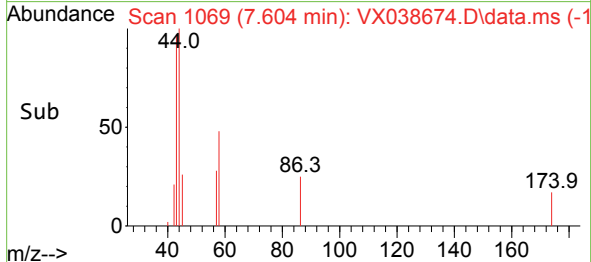
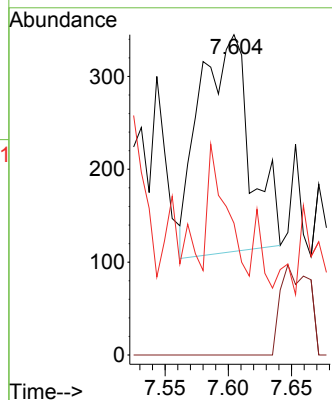
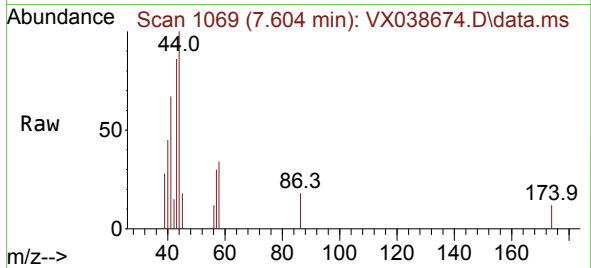




#48
Methyl methacrylate
Concen: 0.208 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.085 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

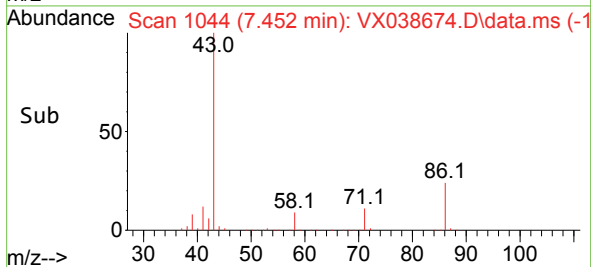
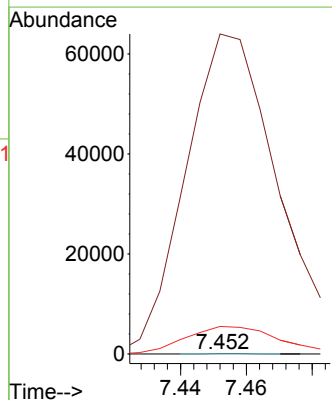
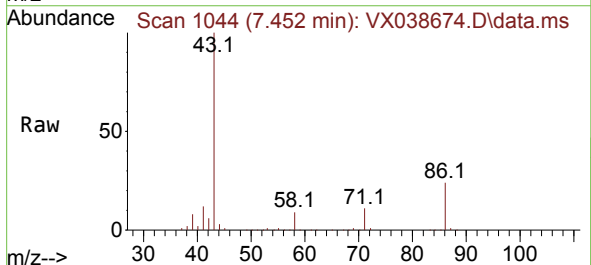
Instrument :
MSVOA_X
ClientSampleId :
50188

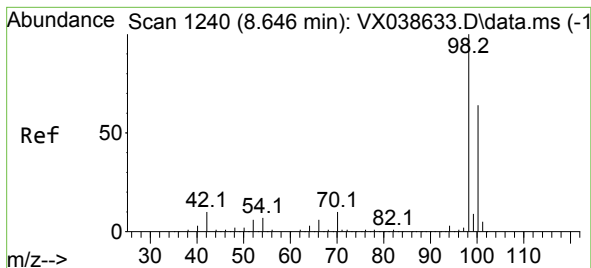
Tgt Ion: 41 Resp: 651
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 0.0 47.7 71.5#



#49
1,4-Dioxane
Concen: 0.674 ug/l
RT: 7.452 min Scan# 1044
Delta R.T. -0.207 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
43 273891.7 0.0 0.0#
58 24264.6 60.1 90.1#





#50

Toluene-d8

Concen: 46.152 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

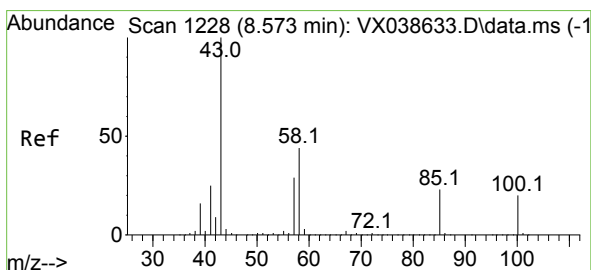
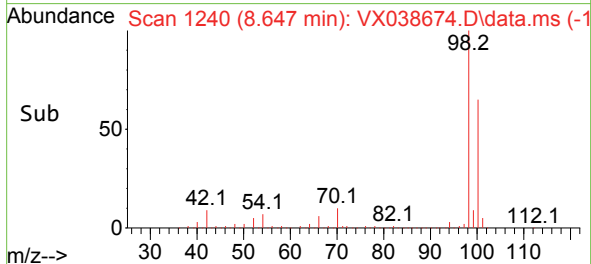
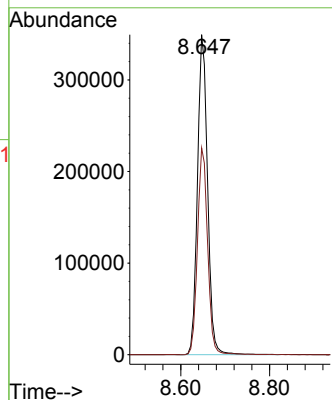
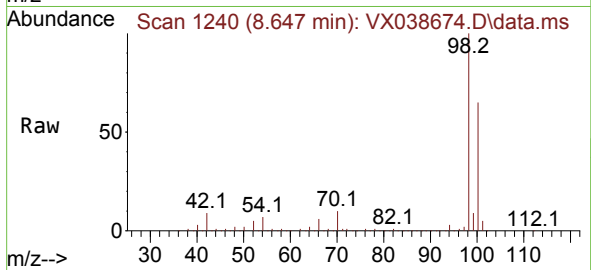
50188

Tgt Ion: 98 Resp: 549779

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.382 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.007 min

Lab File: VX038674.D

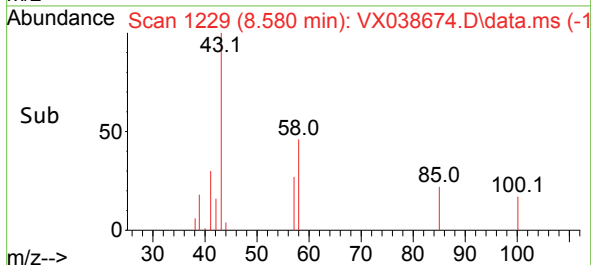
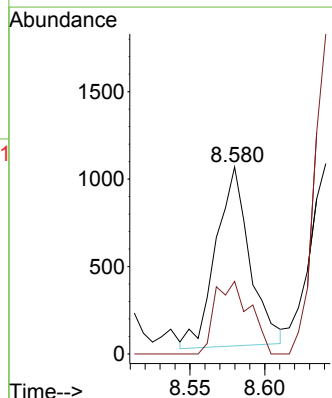
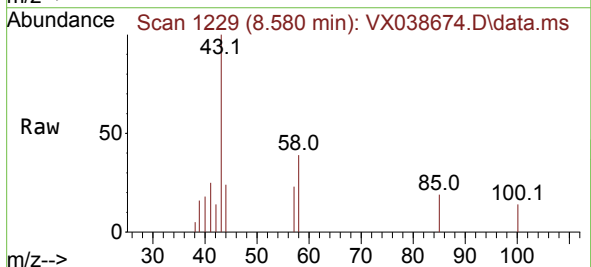
Acq: 09 Nov 2023 12:46

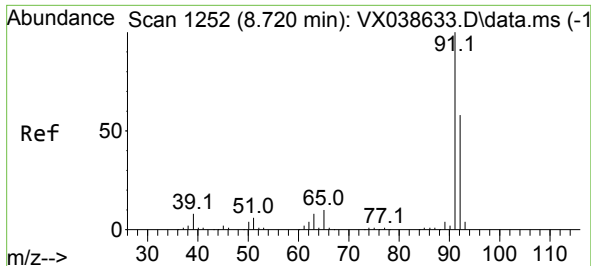
Tgt Ion: 43 Resp: 1617

Ion Ratio Lower Upper

43 100

58 41.9 30.4 45.6

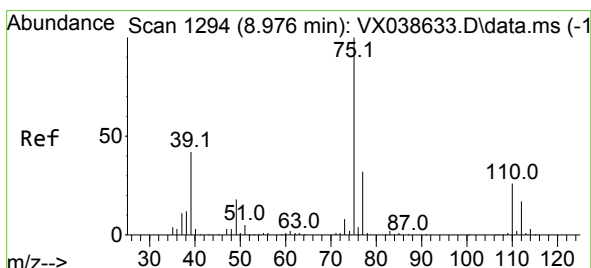
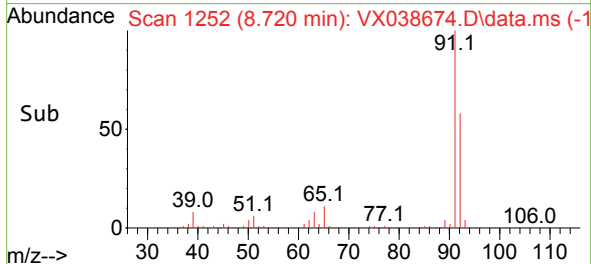
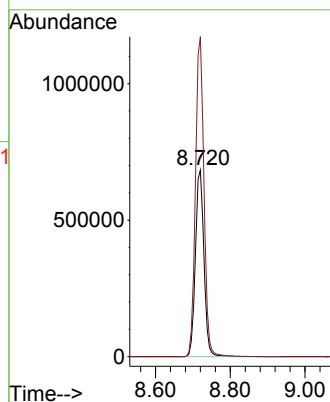
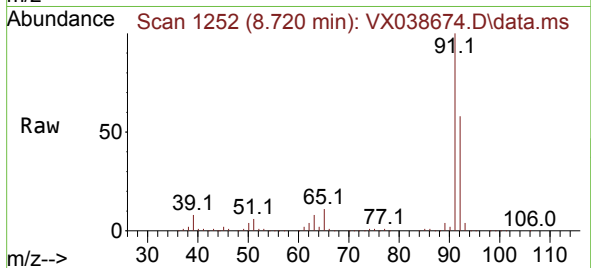




#52
Toluene
Concen: 138.462 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

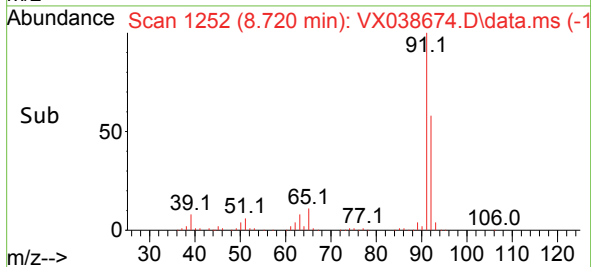
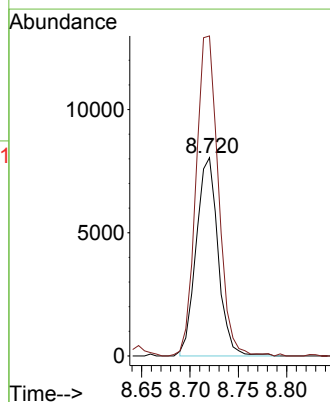
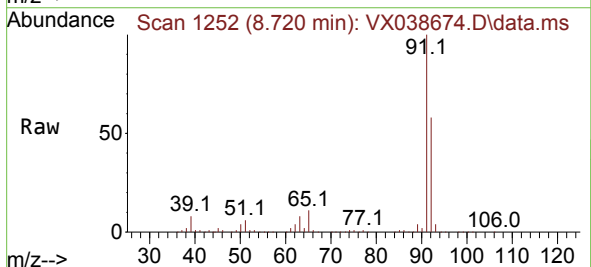
Instrument :
MSVOA_X
ClientSampleId :
50188

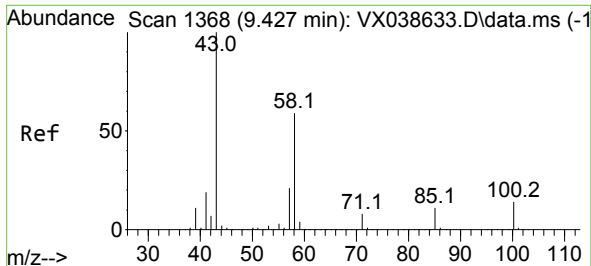
Tgt Ion: 92 Resp: 1080333
Ion Ratio Lower Upper
92 100
91 170.8 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 2.749 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.256 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 75 Resp: 12675
Ion Ratio Lower Upper
75 100
77 160.3 25.7 38.5#

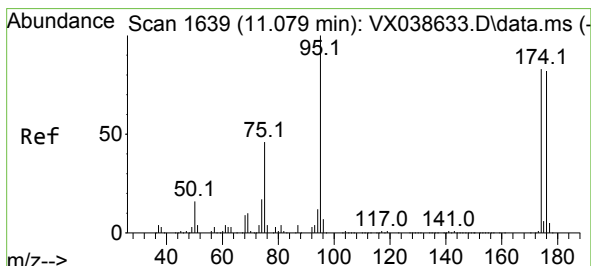
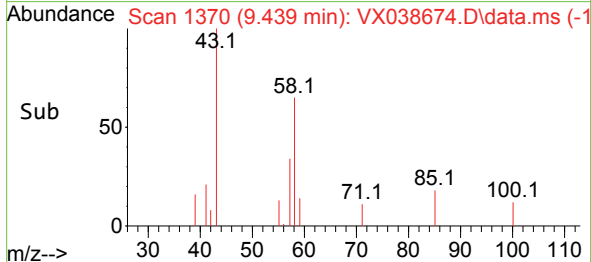
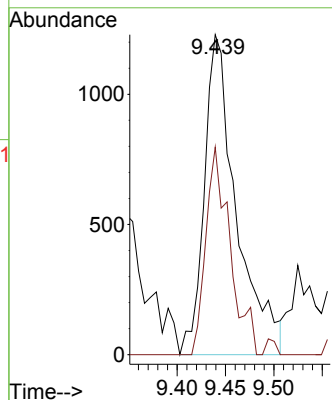
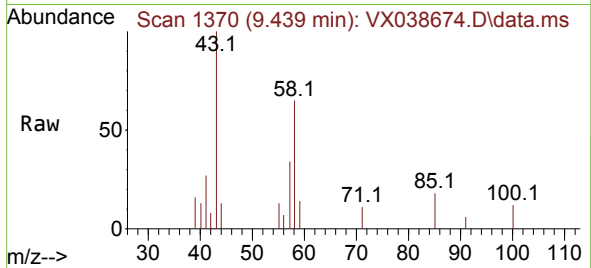




#59
2-Hexanone
Concen: 0.831 ug/l
RT: 9.439 min Scan# 1130
Delta R.T. 0.013 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

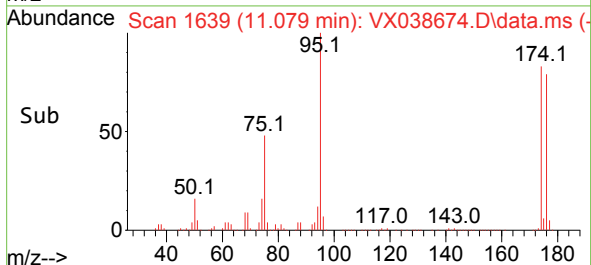
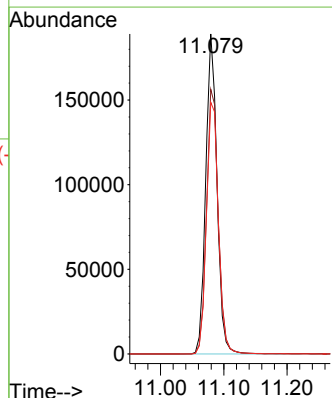
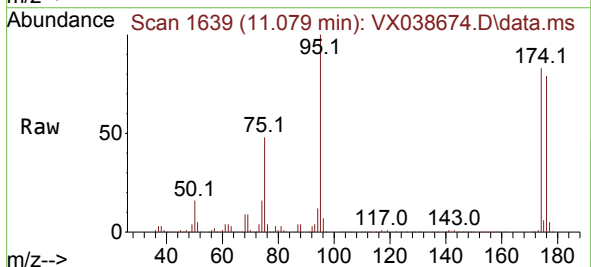
Instrument :
MSVOA_X
ClientSampleId :
50188

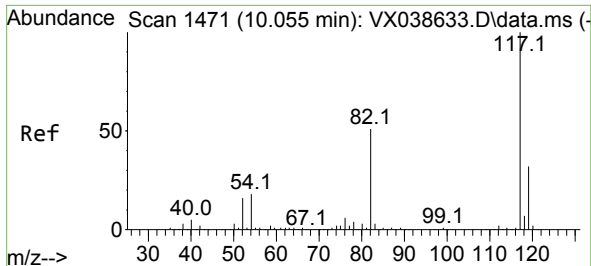
Tgt Ion: 43 Resp: 2845
Ion Ratio Lower Upper
43 100
58 48.8 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 50.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 95 Resp: 234609
Ion Ratio Lower Upper
95 100
174 86.3 0.0 135.6
176 83.6 0.0 131.0

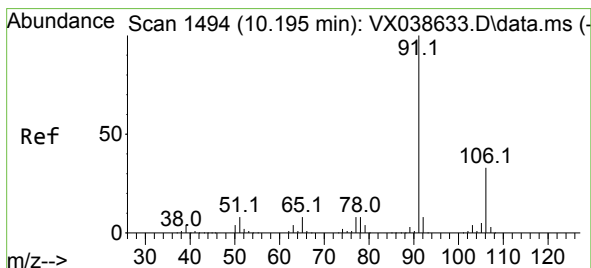
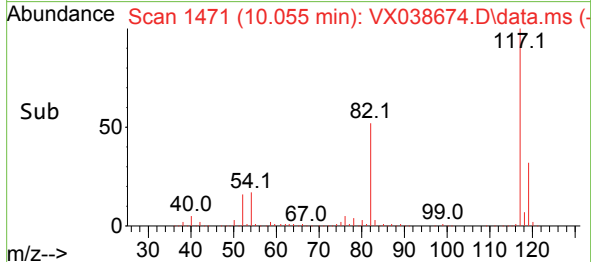
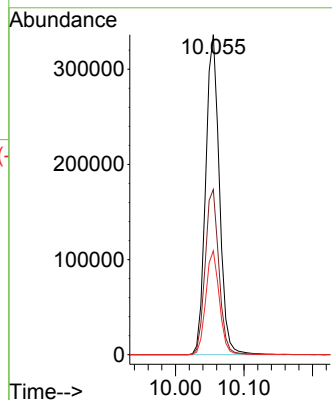
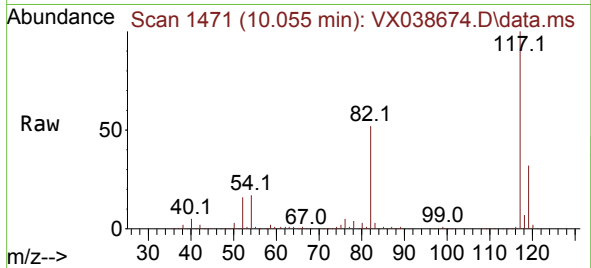




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

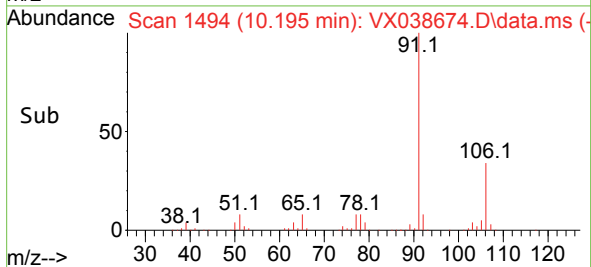
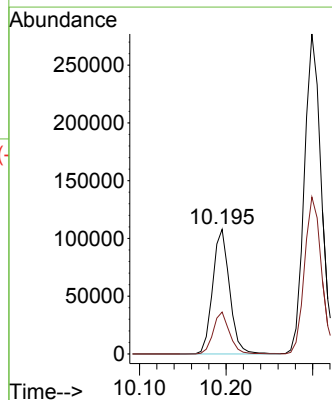
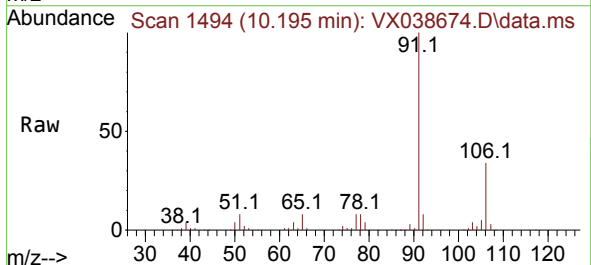
Instrument :
MSVOA_X
ClientSampleId :
50188

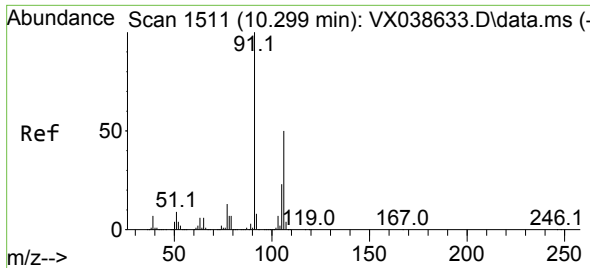
Tgt Ion:117 Resp: 468653
Ion Ratio Lower Upper
117 100
82 51.6 46.2 69.4
119 32.4 25.5 38.3



#67
Ethyl Benzene
Concen: 9.072 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 91 Resp: 146393
Ion Ratio Lower Upper
91 100
106 33.6 24.9 37.3

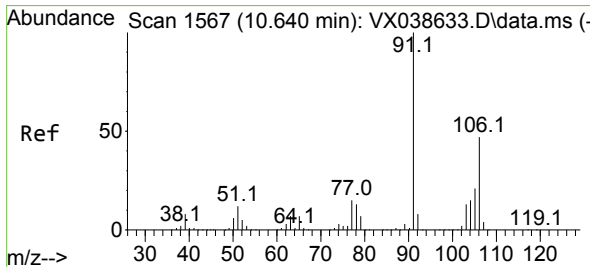
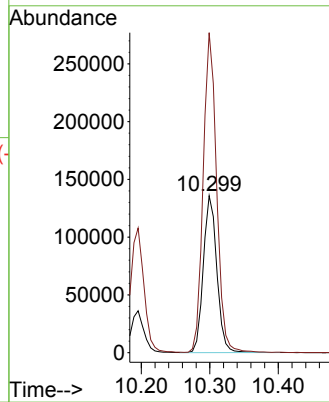
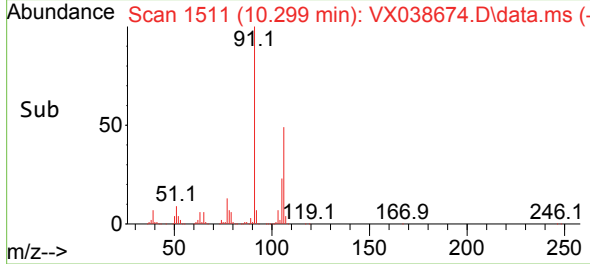
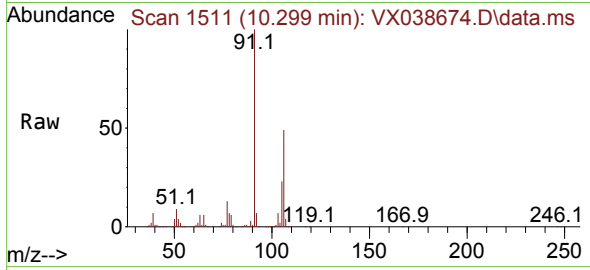




#68
m/p-Xylenes
Concen: 29.177 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

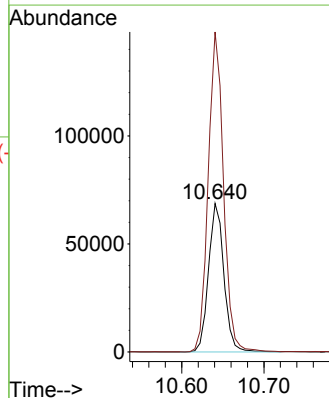
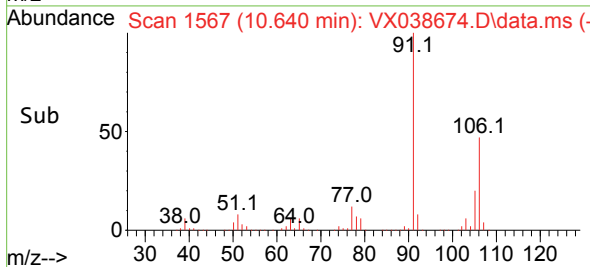
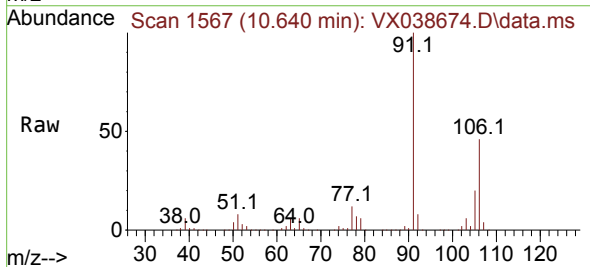
Instrument :
MSVOA_X
ClientSampleId :
50188

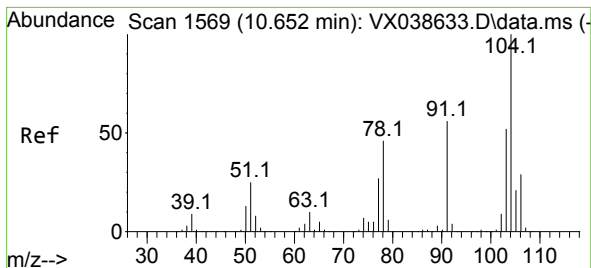
Tgt Ion:106 Resp: 186870
Ion Ratio Lower Upper
106 100
91 203.1 165.5 248.3



#69
o-Xylene
Concen: 14.358 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion:106 Resp: 89429
Ion Ratio Lower Upper
106 100
91 214.1 108.9 326.8





#70

Styrene

Concen: 0.576 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.012 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

50188

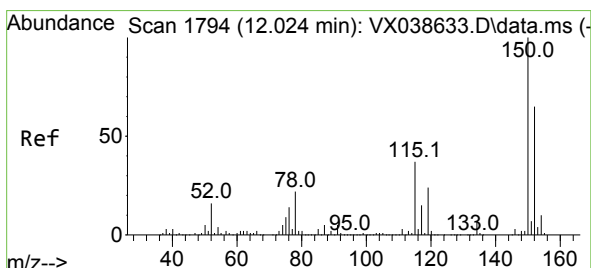
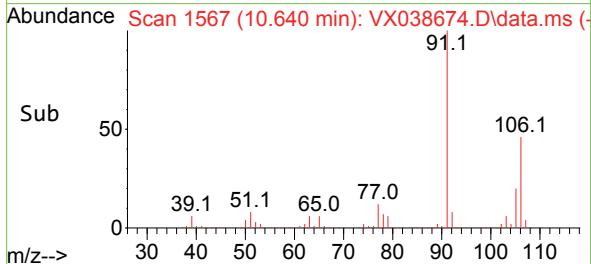
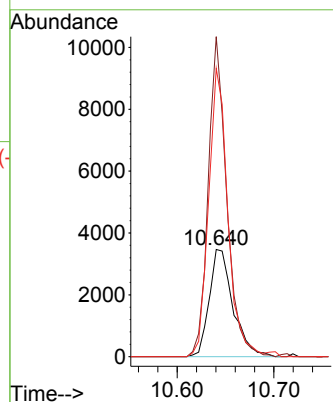
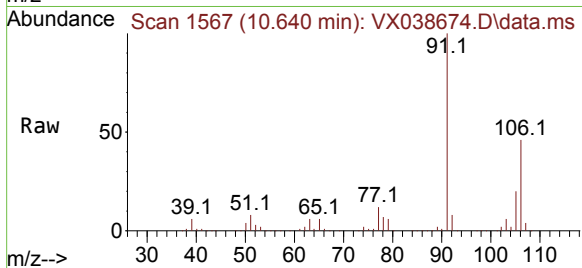
Tgt Ion:104 Resp: 5924

Ion Ratio Lower Upper

104 100

78 232.2 43.6 65.4#

103 219.9 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

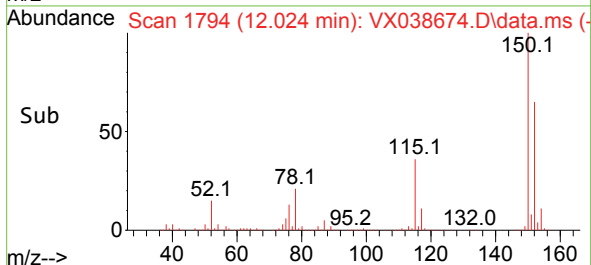
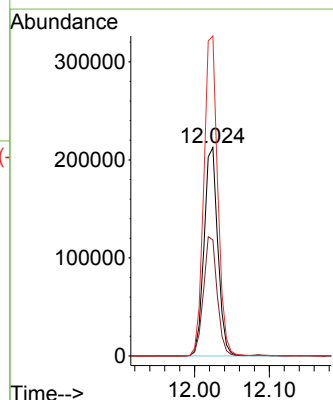
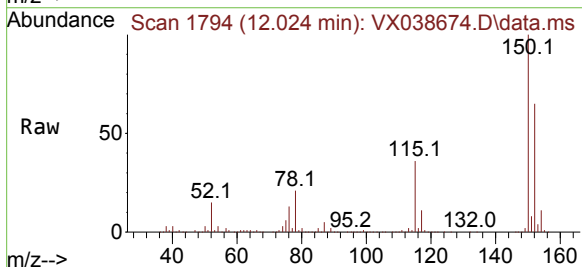
Tgt Ion:152 Resp: 271997

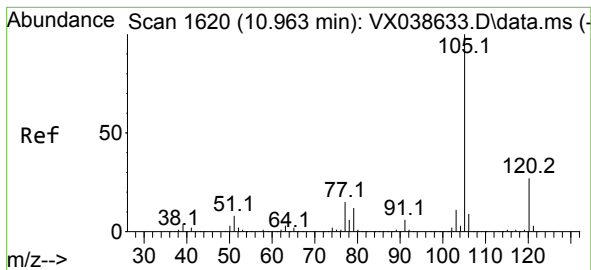
Ion Ratio Lower Upper

152 100

115 57.3 43.3 129.9

150 155.0 0.0 345.0





#73

Isopropylbenzene

Concen: 0.394 ug/l

RT: 10.964 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

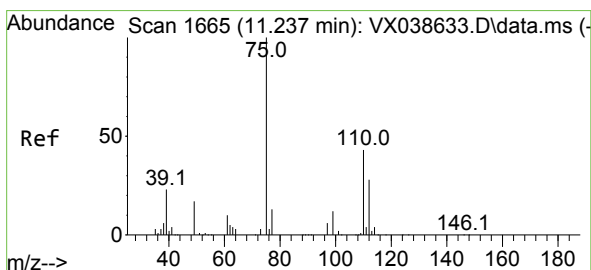
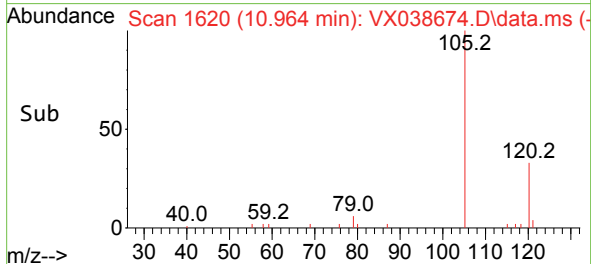
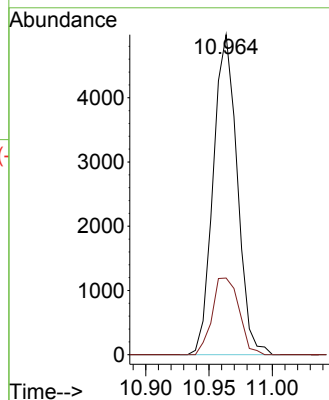
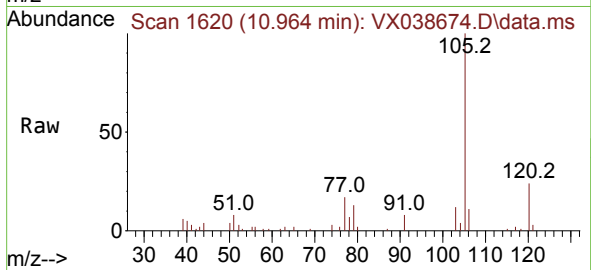
50188

Tgt Ion:105 Resp: 6569

Ion Ratio Lower Upper

105 100

120 26.8 12.9 38.6



#76

1,2,3-Trichloropropane

Concen: 20.948 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038674.D

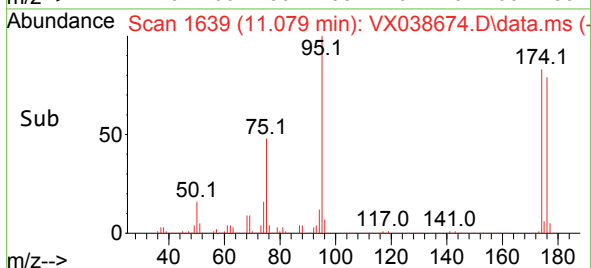
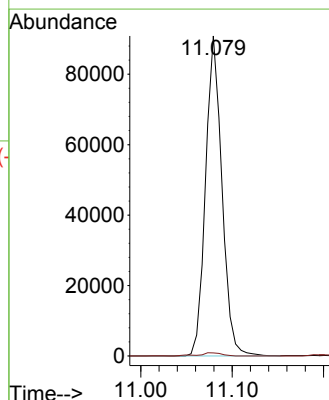
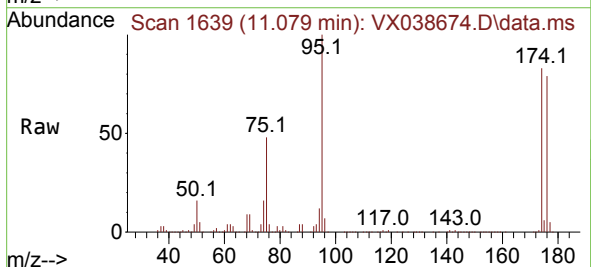
Acq: 09 Nov 2023 12:46

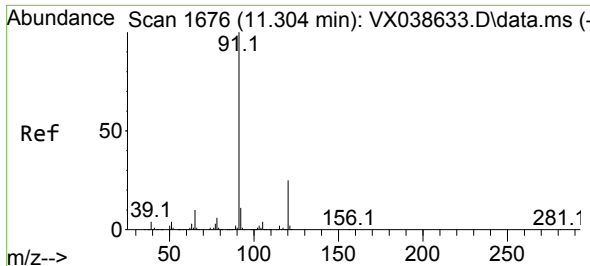
Tgt Ion: 75 Resp: 112845

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

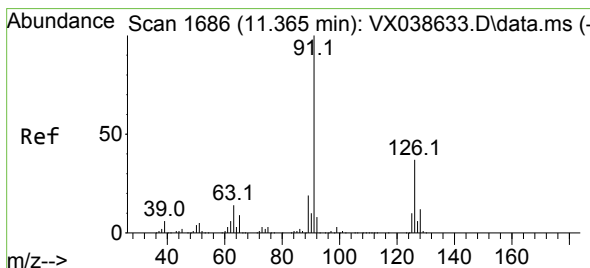
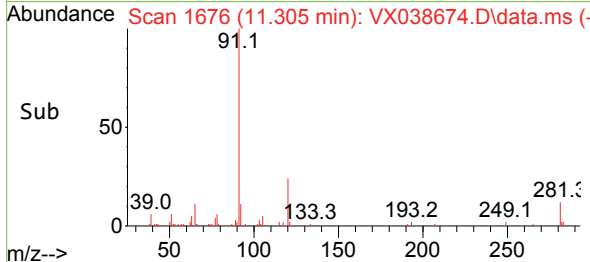
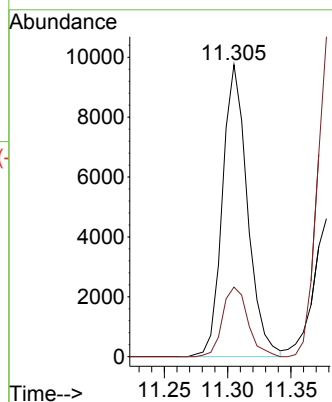
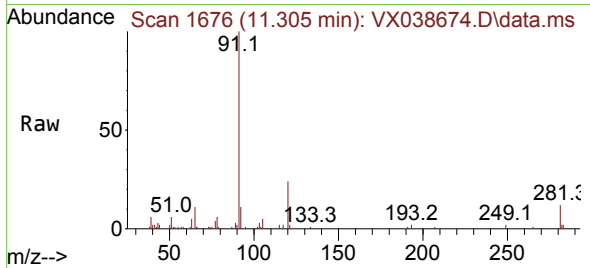




#78
n-propylbenzene
Concen: 0.690 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

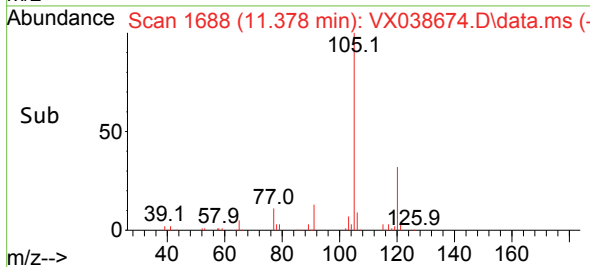
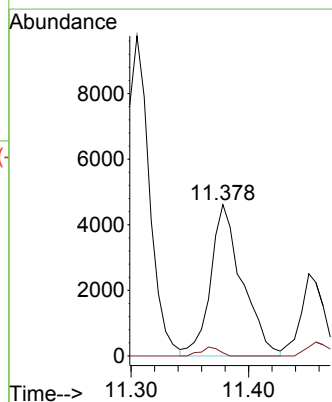
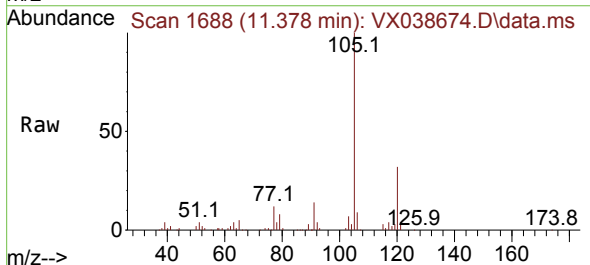
Instrument :
MSVOA_X
ClientSampleId :
50188

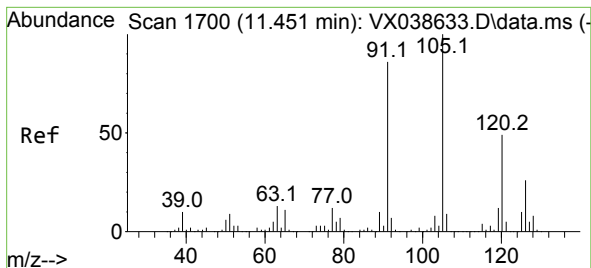
Tgt Ion: 91 Resp: 13398
Ion Ratio Lower Upper
91 100
120 24.2 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.741 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.013 min
Lab File: VX038674.D
Acq: 09 Nov 2023 12:46

Tgt Ion: 91 Resp: 8617
Ion Ratio Lower Upper
91 100
126 3.4 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 1.277 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

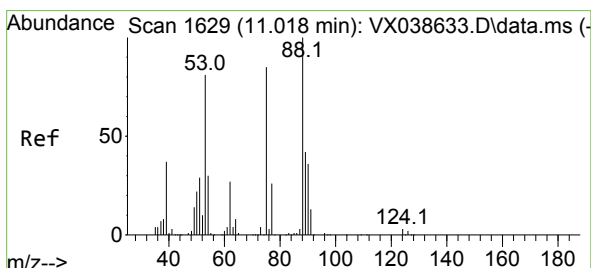
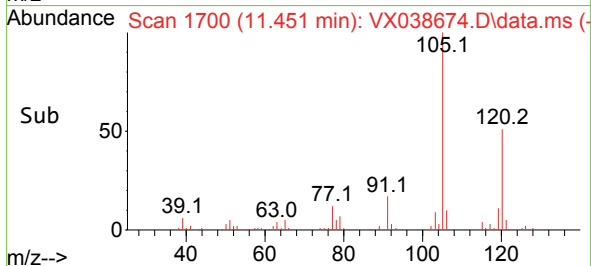
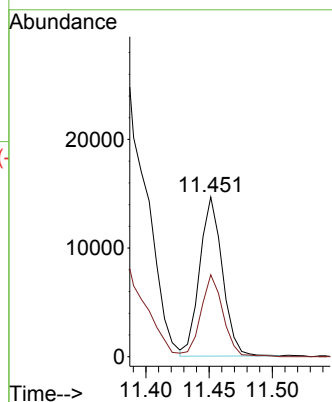
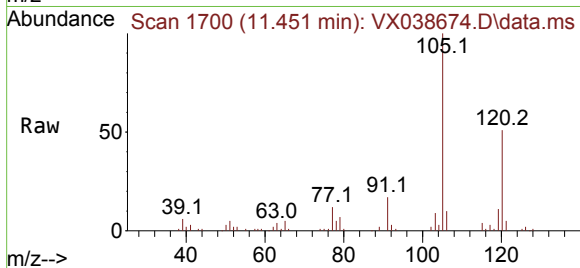
50188

Tgt Ion:105 Resp: 18342

Ion Ratio Lower Upper

105 100

120 50.0 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 63.694 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

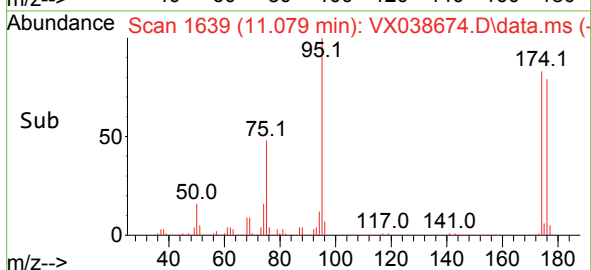
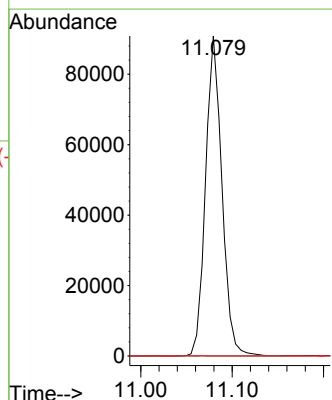
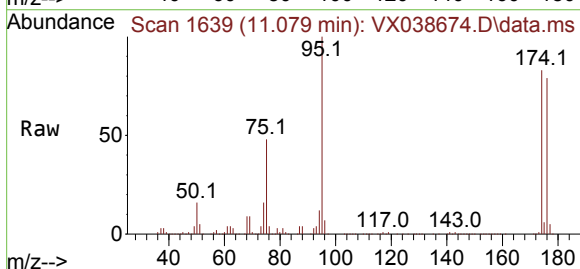
Tgt Ion: 75 Resp: 112845

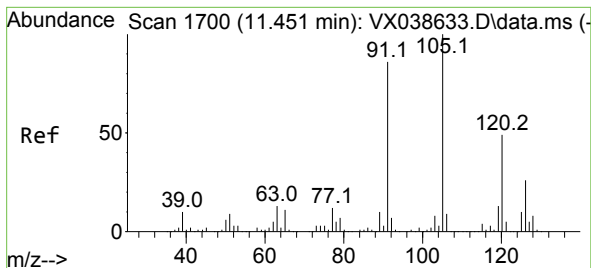
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.261 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

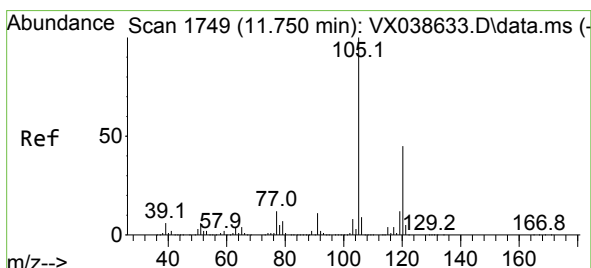
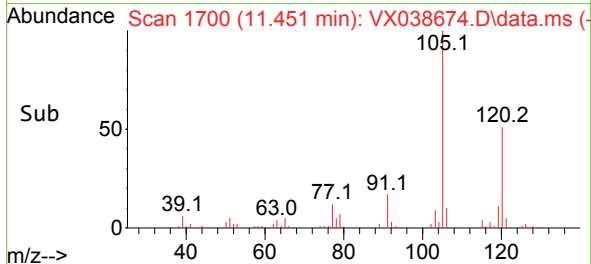
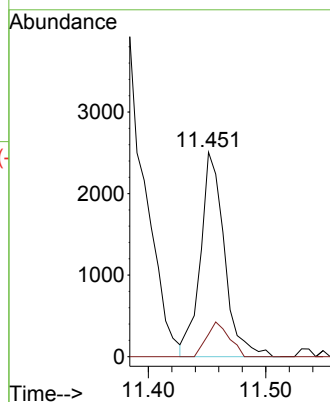
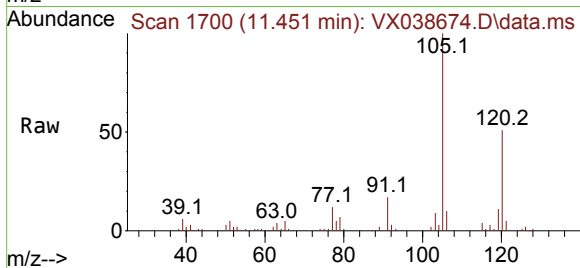
50188

Tgt Ion: 91 Resp: 3550

Ion Ratio Lower Upper

91 100

126 15.8 14.2 42.6



#84

1,2,4-Trimethylbenzene

Concen: 5.737 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038674.D

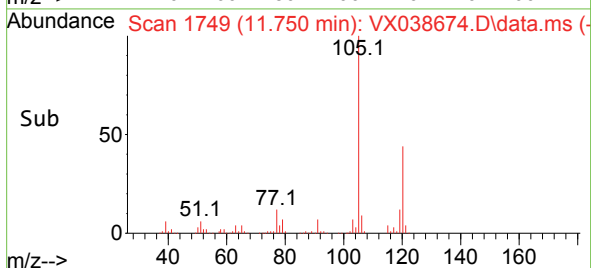
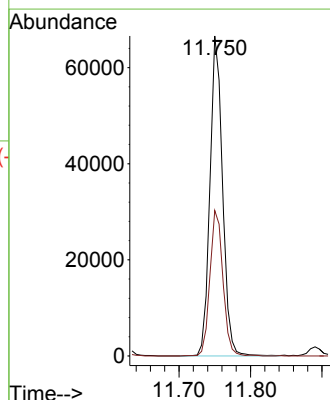
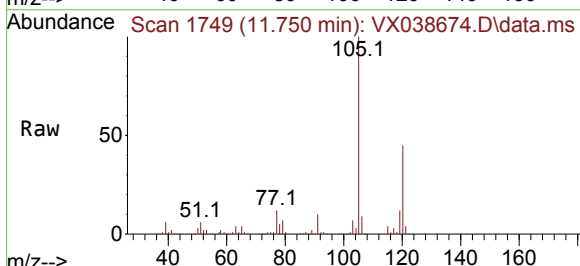
Acq: 09 Nov 2023 12:46

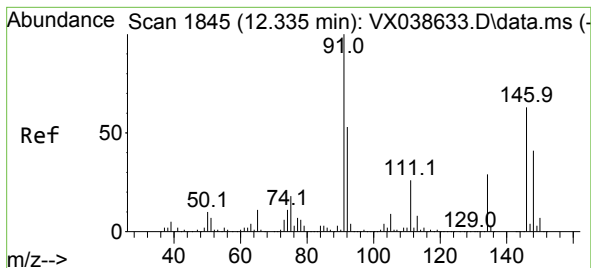
Tgt Ion: 105 Resp: 81714

Ion Ratio Lower Upper

105 100

120 46.9 21.2 63.6





#89

n-Butylbenzene

Concen: 0.308 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

50188

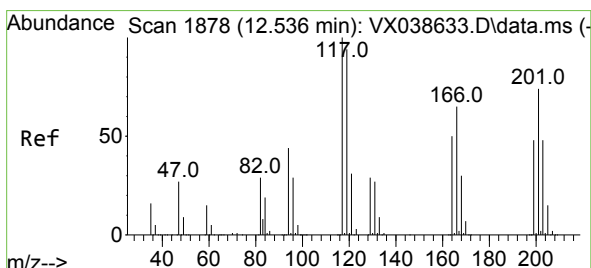
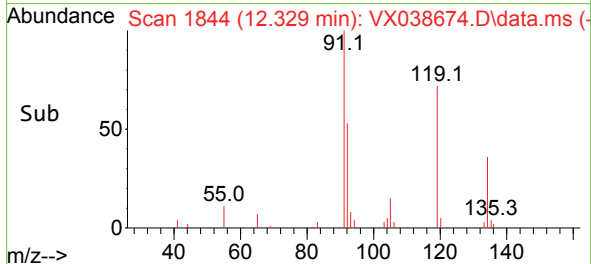
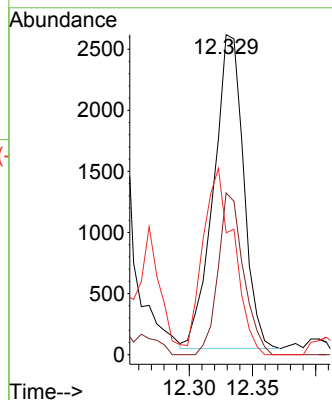
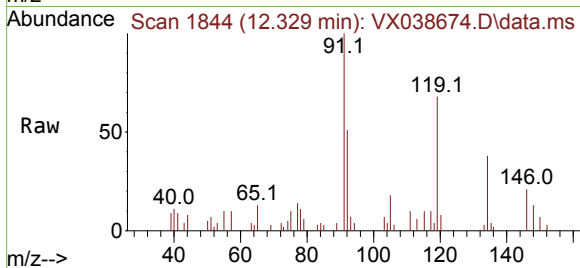
Tgt Ion: 91 Resp: 4239

Ion Ratio Lower Upper

91 100

92 43.6 27.4 82.0

134 60.6 12.6 37.8#



#90

Hexachloroethane

Concen: 0.389 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038674.D

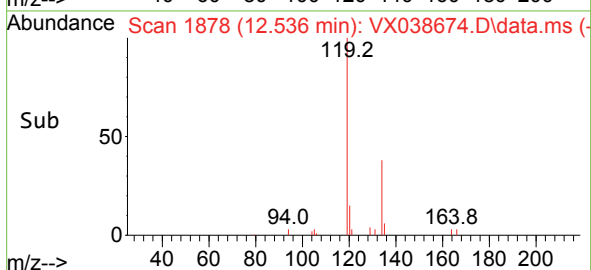
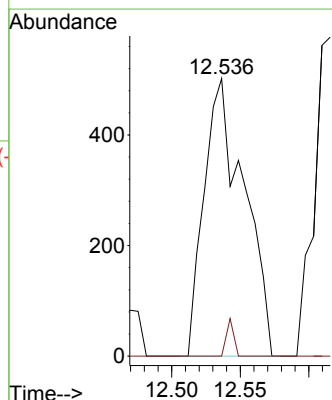
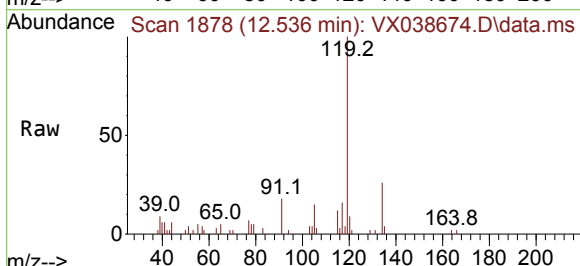
Acq: 09 Nov 2023 12:46

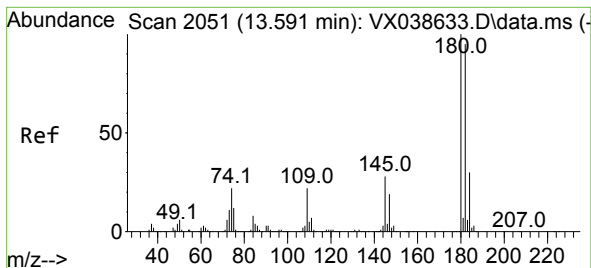
Tgt Ion: 117 Resp: 1018

Ion Ratio Lower Upper

117 100

201 2.5 32.9 98.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.385 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

50188

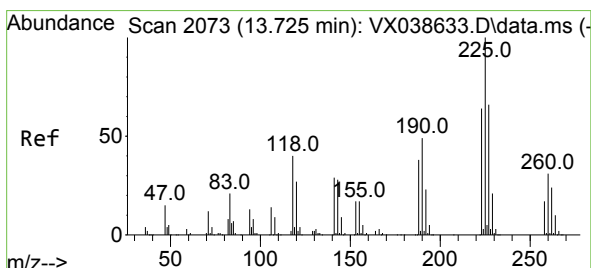
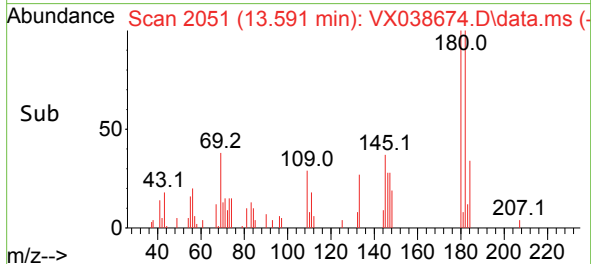
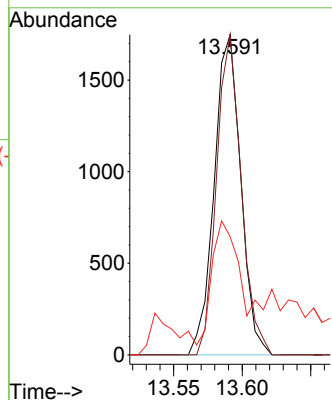
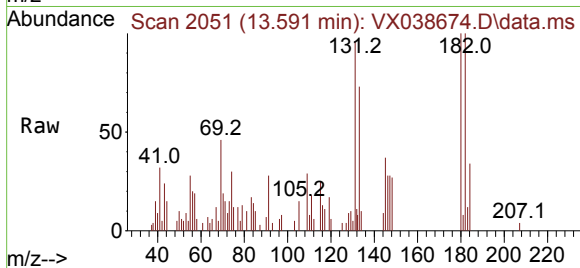
Tgt Ion:180 Resp: 2353

Ion Ratio Lower Upper

180 100

182 92.9 48.3 144.8

145 45.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.397 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

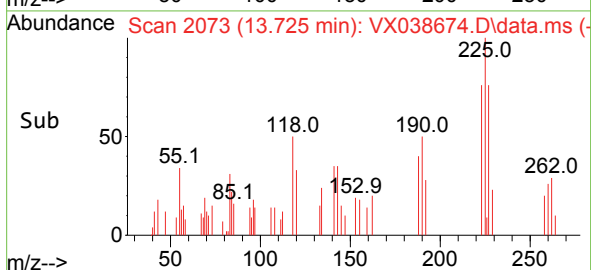
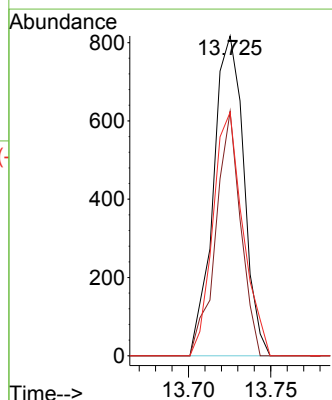
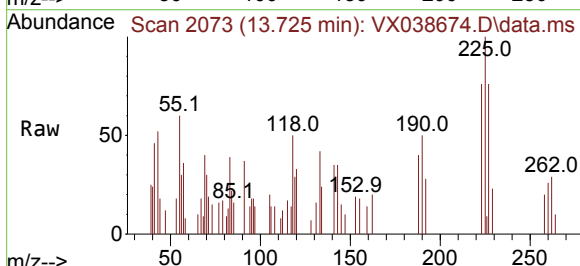
Tgt Ion:225 Resp: 1048

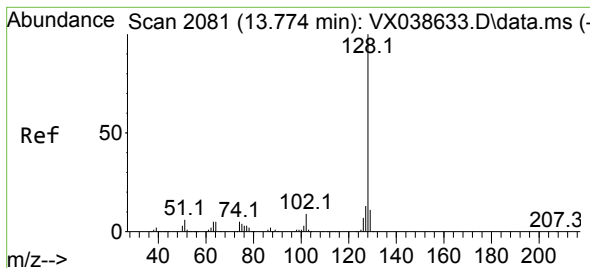
Ion Ratio Lower Upper

225 100

223 62.5 31.1 93.2

227 75.3 32.5 97.5





#95

Naphthalene

Concen: 5.224 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Instrument :

MSVOA_X

ClientSampleId :

50188

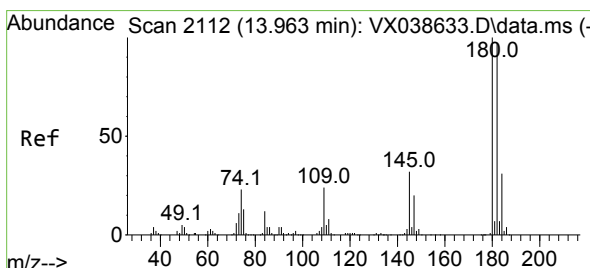
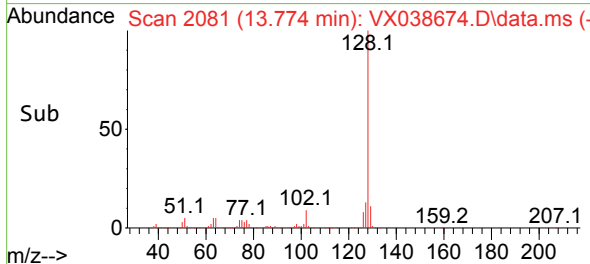
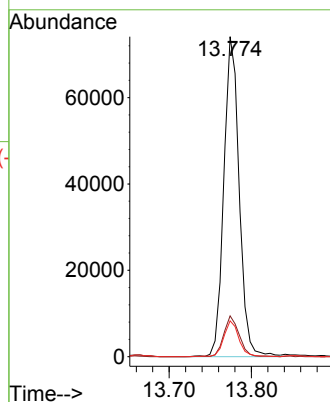
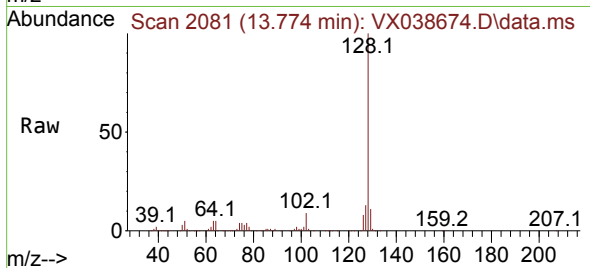
Tgt Ion:128 Resp: 96384

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.286 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX038674.D

Acq: 09 Nov 2023 12:46

Tgt Ion:180 Resp: 1725

Ion Ratio Lower Upper

180 100

182 104.0 46.9 140.6

145 72.9 17.8 53.5#

