

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038225.D
 Acq On : 11 Oct 2023 13:36
 Operator : JC/MD
 Sample : 04788-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 02:43:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	116782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116951	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82959	44.166	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.340%
35) Dibromofluoromethane	5.391	113	65651	45.102	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.200%
50) Toluene-d8	8.647	98	260973	46.919	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.840%
62) 4-Bromofluorobenzene	11.079	95	105414	49.990	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.980%

Target Compounds			Qvalue			
3) Chloromethane	1.307	50	351	0.306	ug/l #	88
5) Bromomethane	1.636	94	23	Below Cal	#	3
6) Chloroethane	1.654	64	126	Below Cal	#	43
11) Tert butyl alcohol	3.093	59	81	Below Cal	#	1
13) Acrolein	2.215	56	1243	4.655	ug/l #	1
14) Allyl chloride	2.715	41	10000	5.233	ug/l #	75
15) Acrylonitrile	3.099	53	7085	8.288	ug/l #	40
16) Acetone	2.373	43	10479	13.367	ug/l	95
18) Methyl Acetate	2.703	43	6455	1.920	ug/l #	54
20) Methylene Chloride	2.794	84	1151	0.781	ug/l #	21
23) Vinyl Acetate	3.672	43	3344	1.138	ug/l #	73
25) 2-Butanone	4.568	43	7999	6.324	ug/l	95
26) 2,2-Dichloropropane	4.300	77	3277	1.727	ug/l #	54
30) Chloroform	5.105	83	754	0.284	ug/l #	19
31) Cyclohexane	5.477	56	204069	100.276	ug/l	95
36) 1,1-Dichloropropene	5.556	75	9327	4.647	ug/l #	51
37) Ethyl Acetate	4.788	43	750	0.315	ug/l #	40
38) Carbon Tetrachloride	5.550	117	12122	6.139	ug/l #	16
39) Methylcyclohexane	7.385	83	250087	106.369	ug/l	94
41) Methacrylonitrile	4.971	41	2080	1.754	ug/l #	25
43) Isopropyl Acetate	6.361	43	5849	1.644	ug/l #	63
45) 1,2-Dichloropropane	7.379	63	3224	2.219	ug/l #	1
46) Dibromomethane	7.562	93	248	0.220	ug/l #	1
47) Bromodichloromethane	7.769	83	802	0.400	ug/l #	87
48) Methyl methacrylate	7.659	41	14008	8.245	ug/l #	45
51) 4-Methyl-2-Pentanone	8.598	43	2753	1.122	ug/l #	37
52) Toluene	8.720	92	49052	13.413	ug/l	90
55) 1,1,2-Trichloroethane	9.104	97	10669	6.820	ug/l #	21
56) Ethyl methacrylate	9.098	69	2419	1.009	ug/l #	1
59) 2-Hexanone	9.445	43	2065	1.046	ug/l	74
67) Ethyl Benzene	10.195	91	109938	14.235	ug/l	97
68) m/p-Xylenes	10.299	106	575211	192.614	ug/l	100
69) o-Xylene	10.640	106	312686	107.281	ug/l	99
70) Styrene	10.640	104	16309	3.436	ug/l #	1
73) Isopropylbenzene	10.963	105	105982	13.513	ug/l	99
74) N-amyl acetate	10.890	43	2697	0.805	ug/l #	55

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

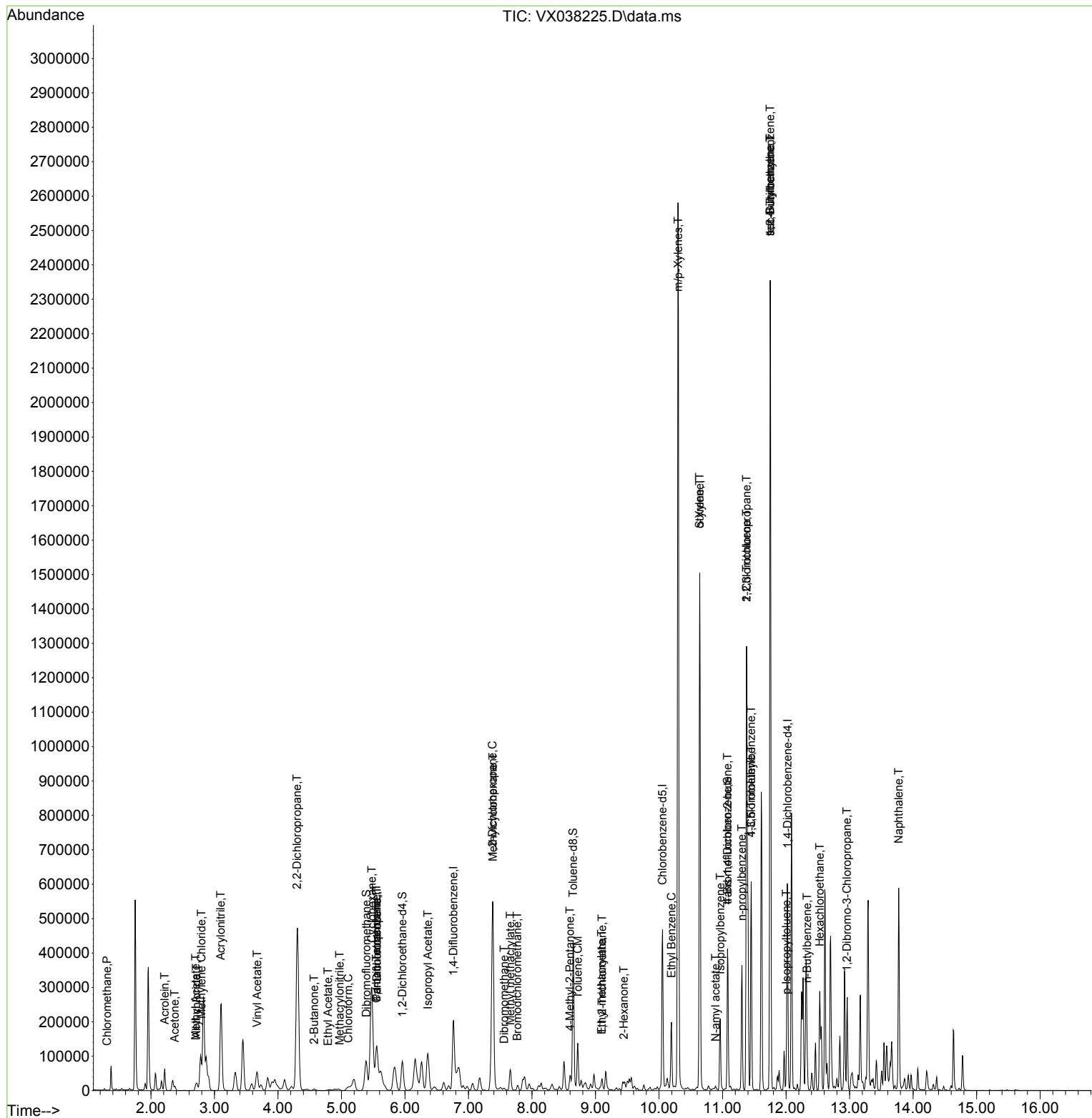
76) 1,2,3-Trichloropropane	11.378	75	7806	2.936	ug/l #	1	
78) n-propylbenzene	11.305	91	213402	22.252	ug/l	98	
79) 2-Chlorotoluene	11.378	91	112693	19.814	ug/l #	42	
80) 1,3,5-Trimethylbenzene	11.451	105	246639	36.450	ug/l	97	
81) trans-1,4-Dichloro-2-b...	11.079	75	57279	61.865	ug/l #	5	
82) 4-Chlorotoluene	11.451	91	28349	4.212	ug/l #	47	
83) tert-Butylbenzene	11.750	119	121951	18.445	ug/l #	59	
84) 1,2,4-Trimethylbenzene	11.750	105	1004969	148.960	ug/l	97	
85) sec-Butylbenzene	11.750	105	1004969	117.337	ug/l #	57	
86) p-Isopropyltoluene	12.006	119	21969	3.109	ug/l	96	
89) n-Butylbenzene	12.329	91	61477	8.736	ug/l #	34	
90) Hexachloroethane	12.530	117	18868	16.104	ug/l #	17	
92) 1,2-Dibromo-3-Chloropr...	12.957	75	1023	1.470	ug/l #	9	
95) Naphthalene	13.774	128	346615	40.141	ug/l	99	

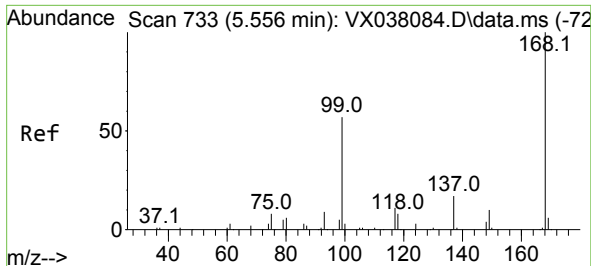
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

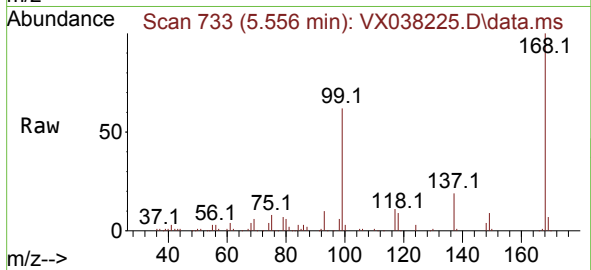
Quant Time: Oct 12 02:43:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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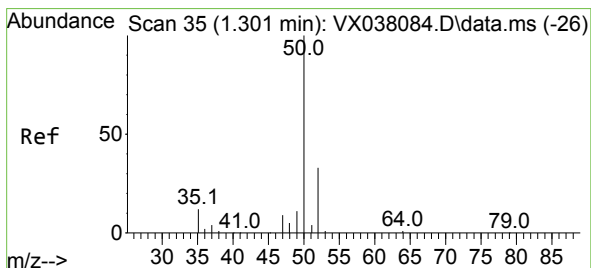
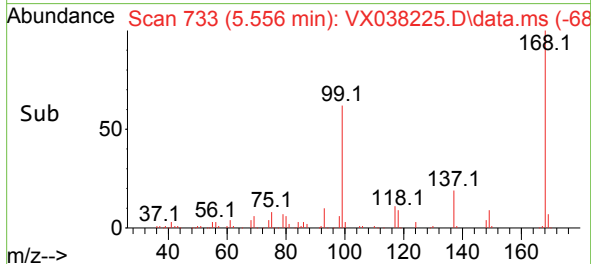
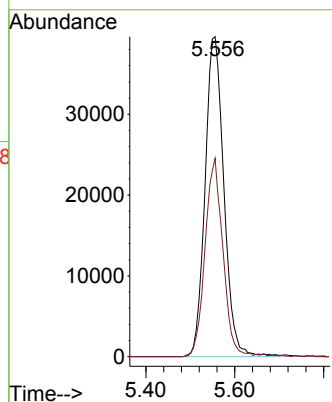


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Instrument :
MSVOA_X
ClientSampleId :

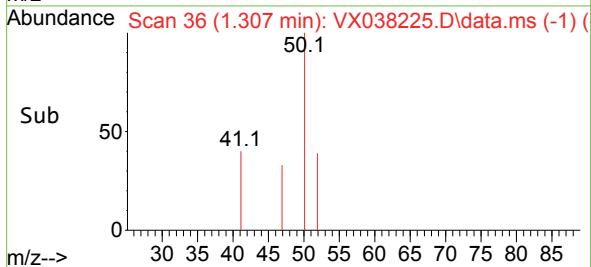
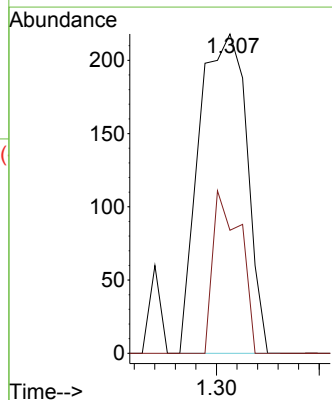
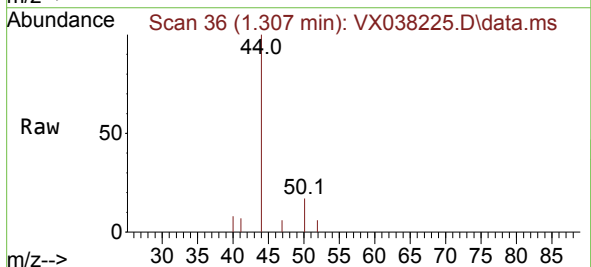


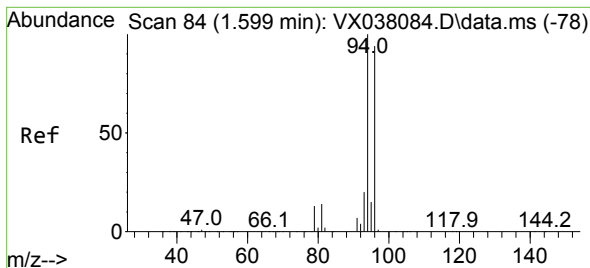
Tgt Ion:168 Resp: 116782
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#3
Chloromethane
Concen: 0.306 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Tgt Ion: 50 Resp: 351
Ion Ratio Lower Upper
50 100
52 38.5 25.5 38.3#





#5

Bromomethane

Concen: Below Cal

RT: 1.636 min Scan# 90

Delta R.T. 0.037 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_X

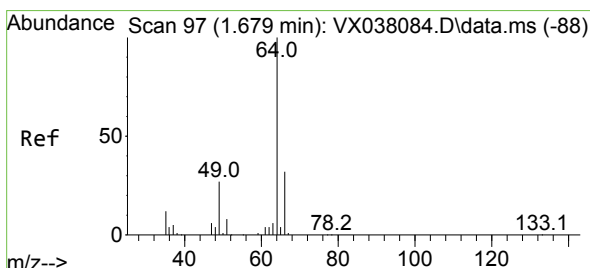
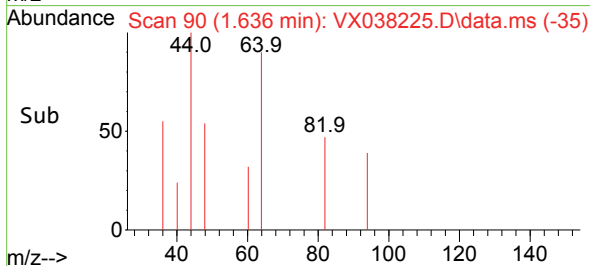
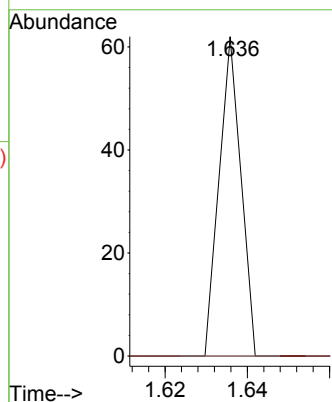
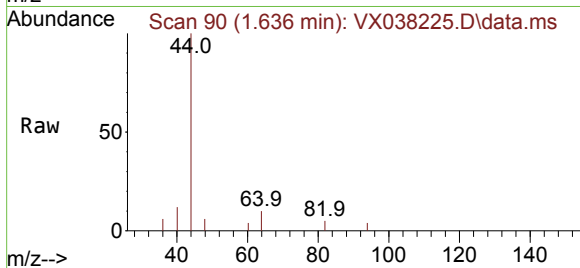
ClientSampleId :

Tgt Ion: 94 Resp: 23

Ion Ratio Lower Upper

94 100

96 0.0 74.6 111.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.654 min Scan# 93

Delta R.T. -0.025 min

Lab File: VX038225.D

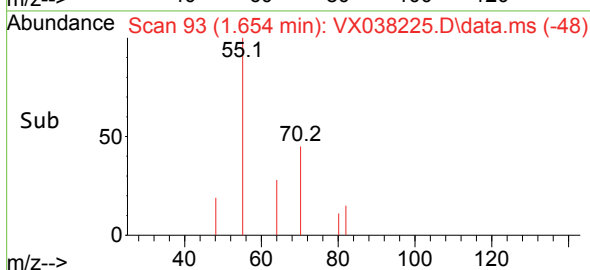
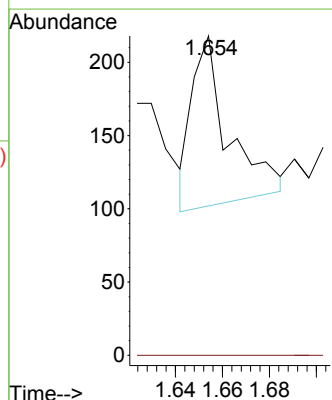
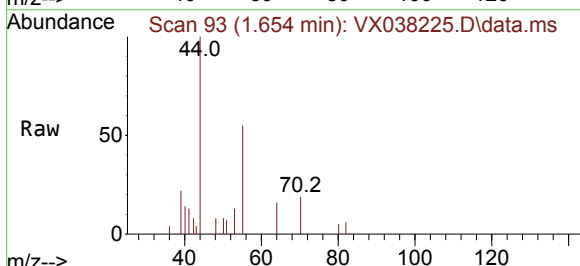
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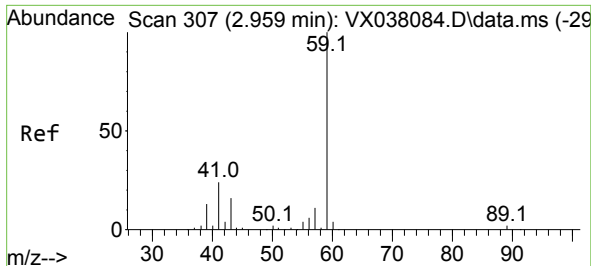
Tgt Ion: 64 Resp: 126

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.093 min Scan# 31

Delta R.T. 0.134 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_X

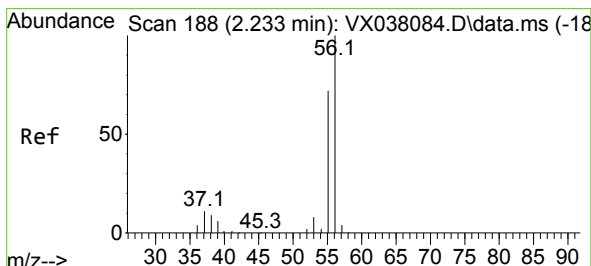
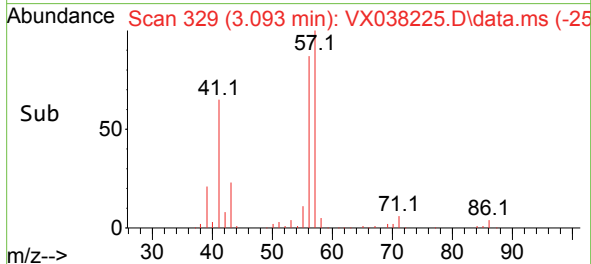
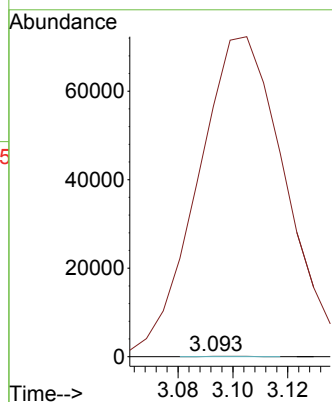
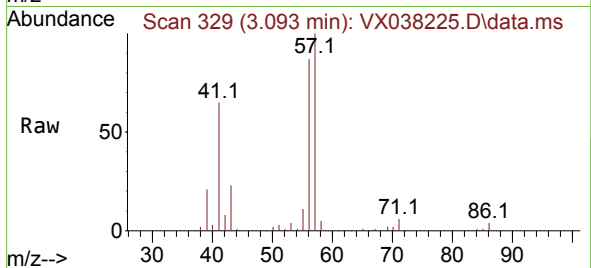
ClientSampleId :

Tgt Ion: 59 Resp: 81

Ion Ratio Lower Upper

59 100

57 201416.0 6.0 9.0#



#13

Acrolein

Concen: 4.655 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX038225.D

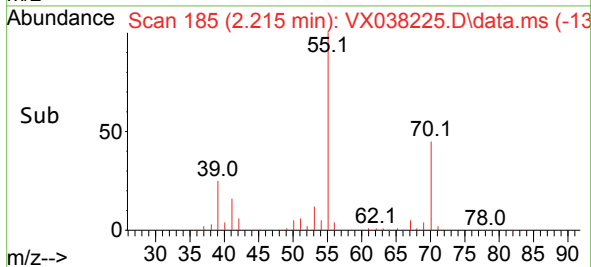
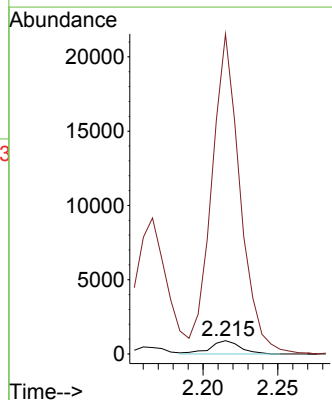
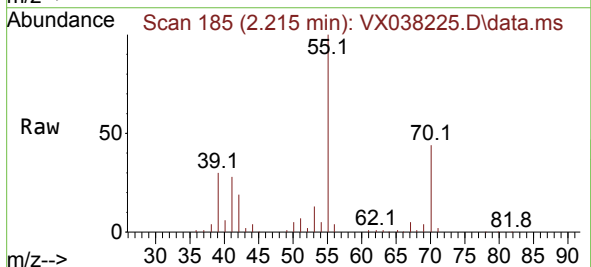
Acq: 11 Oct 2023 13:36

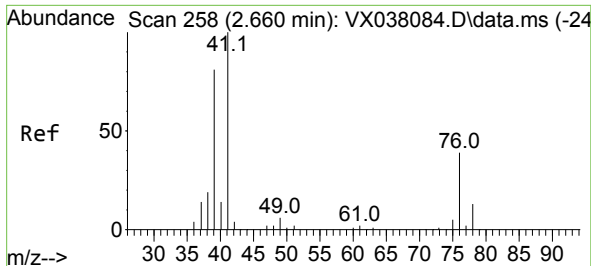
Tgt Ion: 56 Resp: 1243

Ion Ratio Lower Upper

56 100

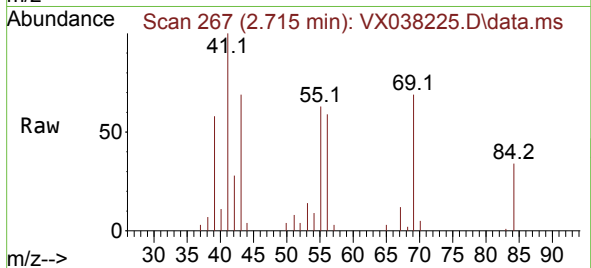
55 2287.0 57.1 85.7#



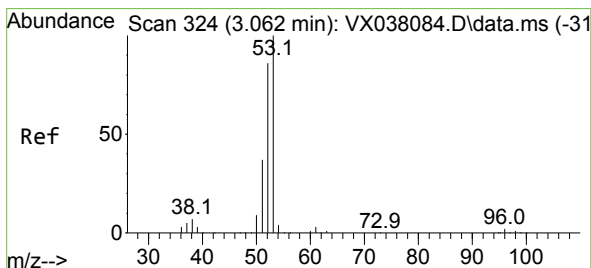
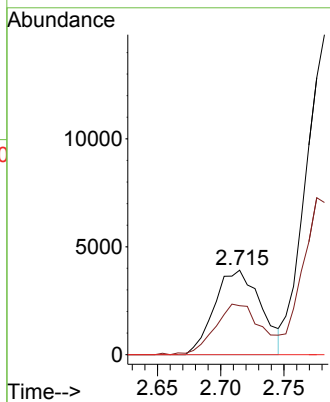
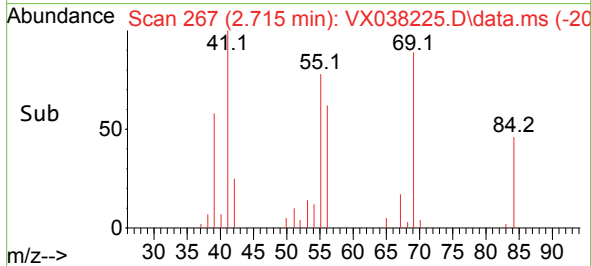


#14
 Allyl chloride
 Concen: 5.233 ug/l
 RT: 2.715 min Scan# 20
 Delta R.T. 0.055 min
 Lab File: VX038225.D
 Acq: 11 Oct 2023 13:36

Instrument :
 MSVOA_X
 ClientSampleId :

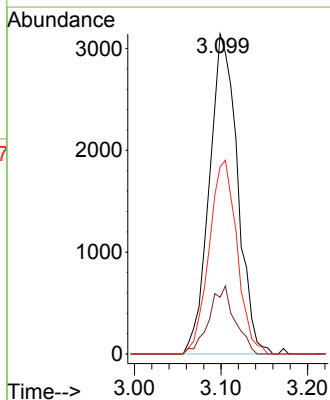
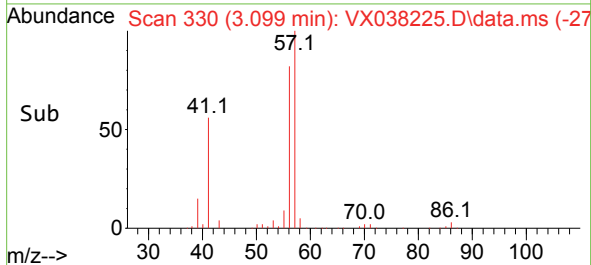
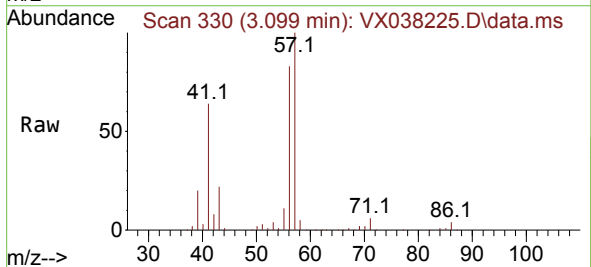


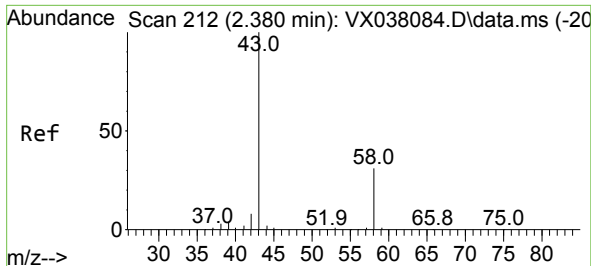
Tgt Ion: 41 Resp: 10000
 Ion Ratio Lower Upper
 41 100
 39 59.9 55.8 83.6
 76 0.0 24.3 36.5#



#15
 Acrylonitrile
 Concen: 8.288 ug/l
 RT: 3.099 min Scan# 330
 Delta R.T. 0.037 min
 Lab File: VX038225.D
 Acq: 11 Oct 2023 13:36

Tgt Ion: 53 Resp: 7085
 Ion Ratio Lower Upper
 53 100
 52 19.5 66.0 99.0#
 51 60.0 29.8 44.6#

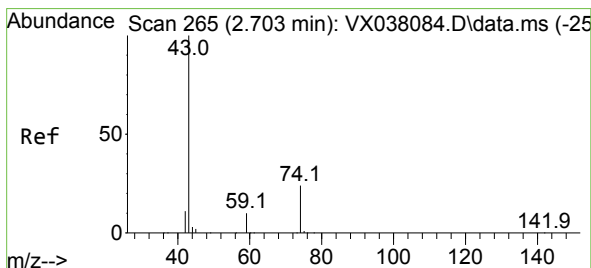
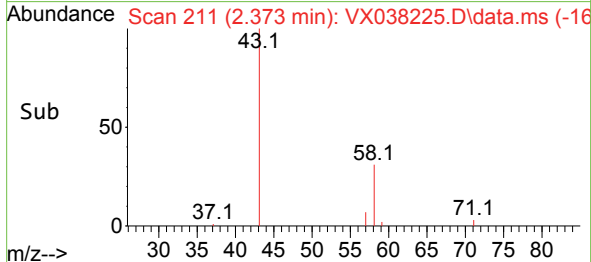
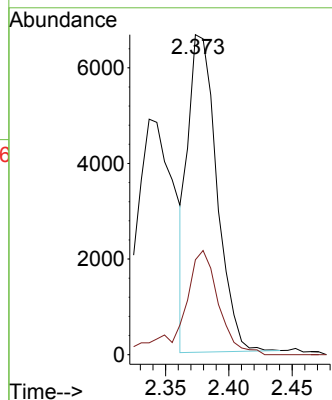
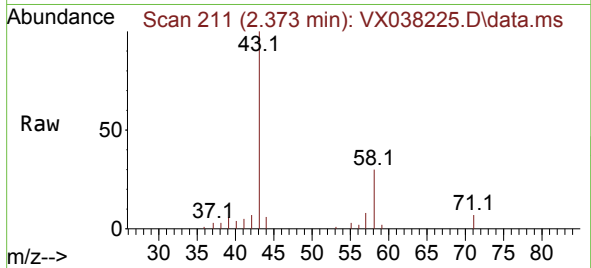




#16
Acetone
Concen: 13.367 ug/l
RT: 2.373 min Scan# 212
Delta R.T. -0.007 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

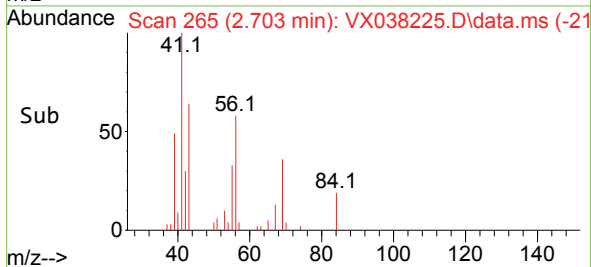
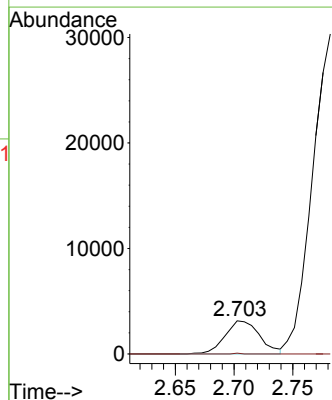
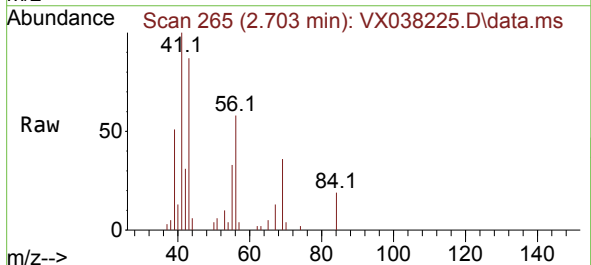
Instrument :
MSVOA_X
ClientSampleId :

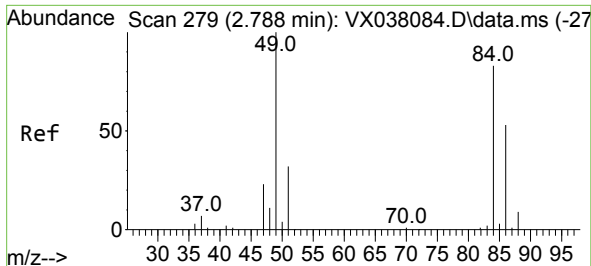
Tgt Ion: 43 Resp: 10479
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9



#18
Methyl Acetate
Concen: 1.920 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

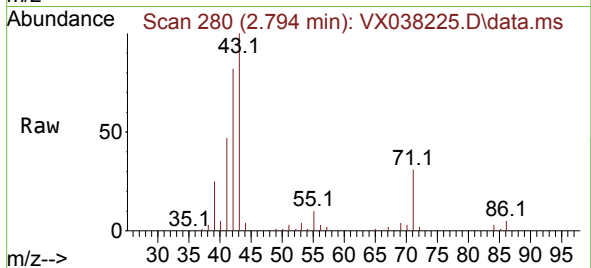
Tgt Ion: 43 Resp: 6455
Ion Ratio Lower Upper
43 100
74 0.4 17.8 26.8#



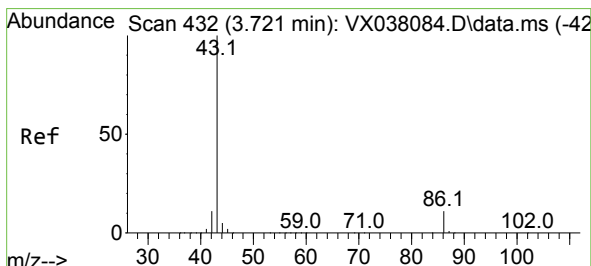
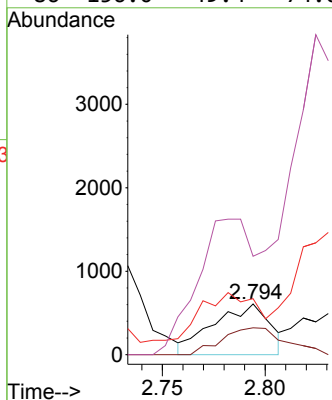
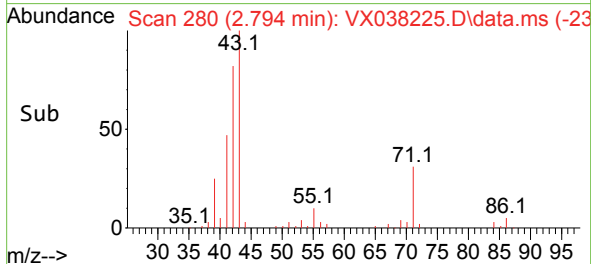


#20
Methylene Chloride
Concen: 0.781 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Instrument :
MSVOA_X
ClientSampleId :

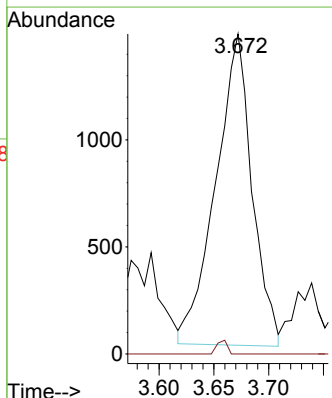
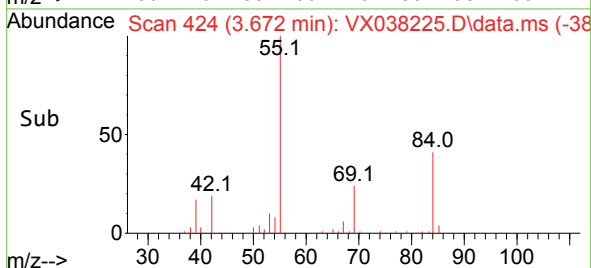
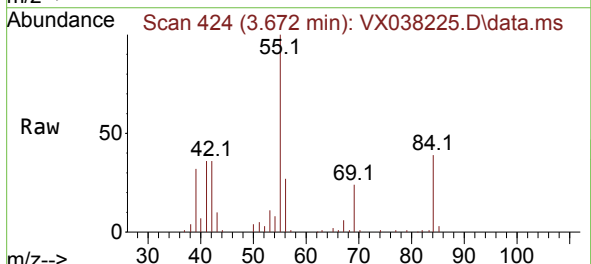


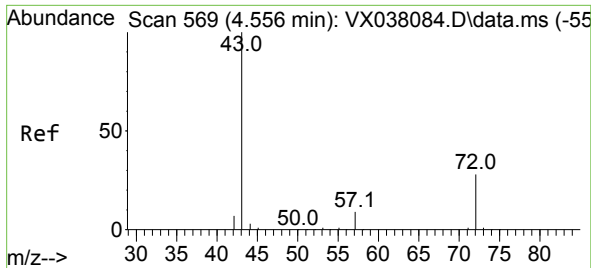
Tgt Ion: 84 Resp: 1151
Ion Ratio Lower Upper
84 100
49 69.1 103.6 155.4#
51 103.2 33.8 50.6#
86 156.0 49.4 74.0#



#23
Vinyl Acetate
Concen: 1.138 ug/l
RT: 3.672 min Scan# 424
Delta R.T. -0.049 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Tgt Ion: 43 Resp: 3344
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.8#

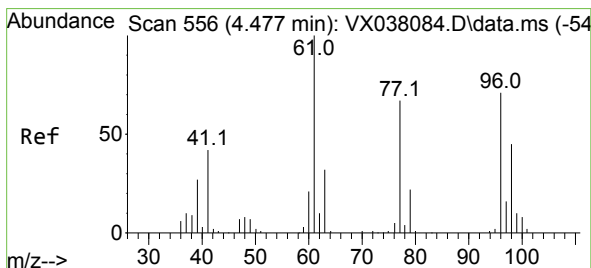
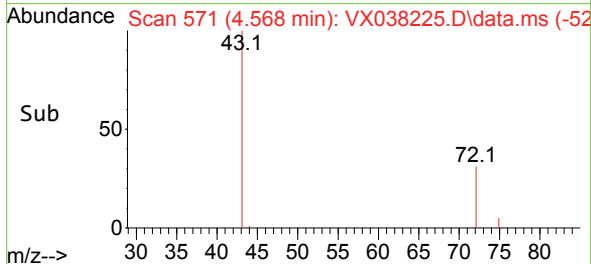
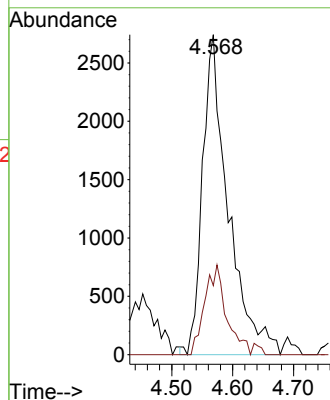
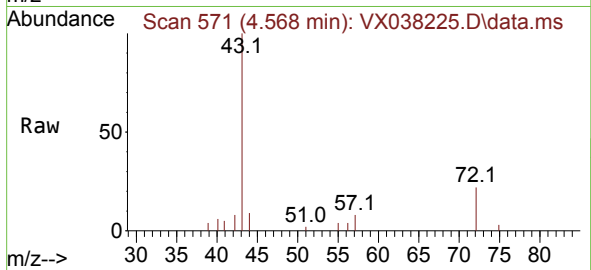




#25
2-Butanone
Concen: 6.324 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

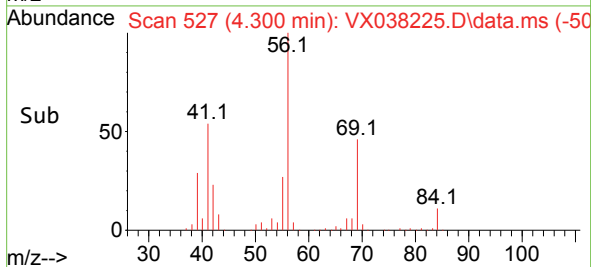
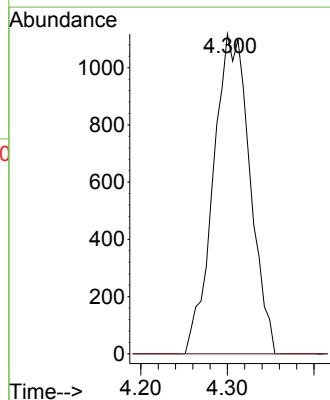
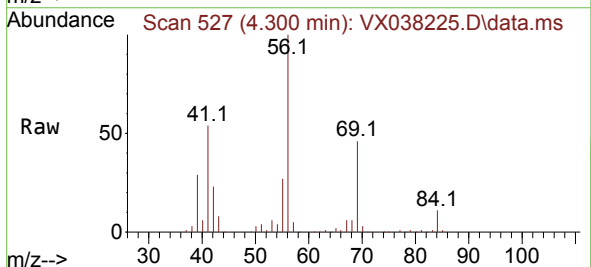
Instrument :
MSVOA_X
ClientSampleId :

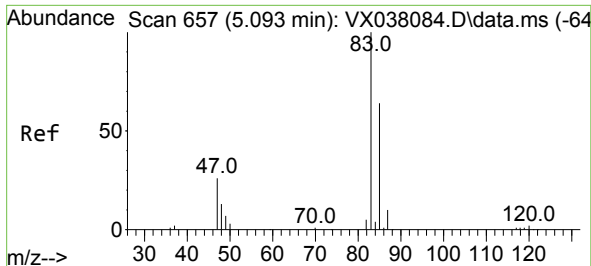
Tgt Ion: 43 Resp: 7999
Ion Ratio Lower Upper
43 100
72 21.6 19.4 29.2



#26
2,2-Dichloropropane
Concen: 1.727 ug/l
RT: 4.300 min Scan# 527
Delta R.T. -0.177 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Tgt Ion: 77 Resp: 3277
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#

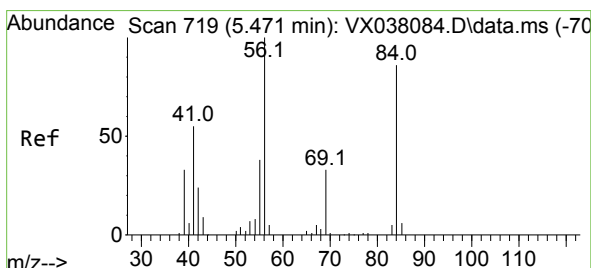
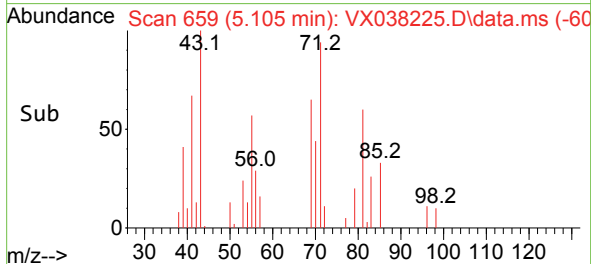
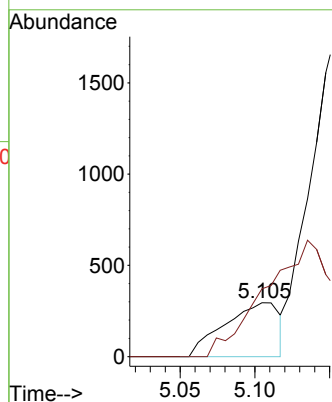
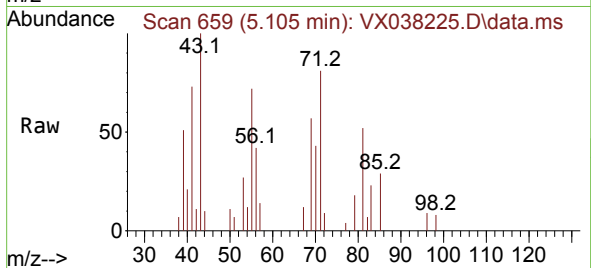




#30
Chloroform
Concen: 0.284 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

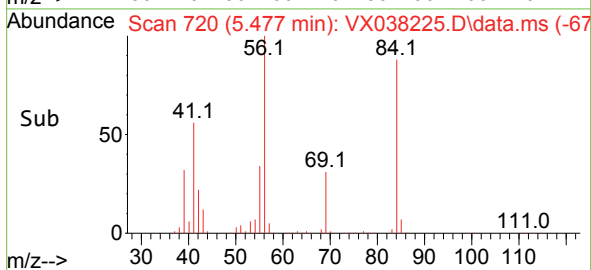
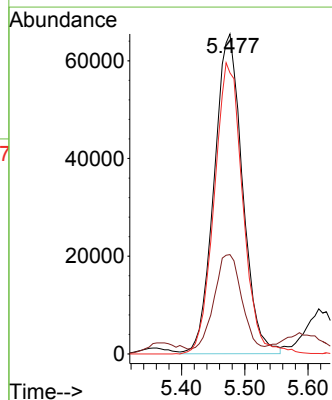
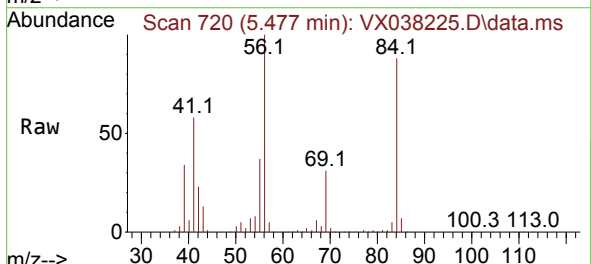
Instrument :
MSVOA_X
ClientSampleId :

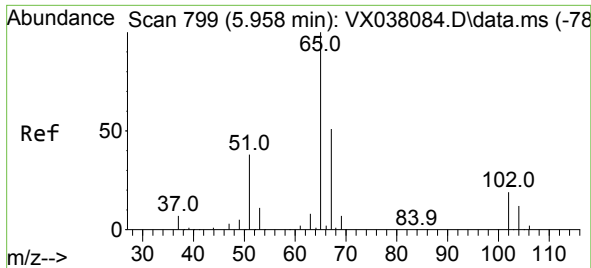
Tgt Ion: 83 Resp: 754
Ion Ratio Lower Upper
83 100
85 125.8 50.3 75.5#



#31
Cyclohexane
Concen: 100.276 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Tgt Ion: 56 Resp: 204069
Ion Ratio Lower Upper
56 100
69 28.6 23.4 35.2
84 88.4 65.9 98.9

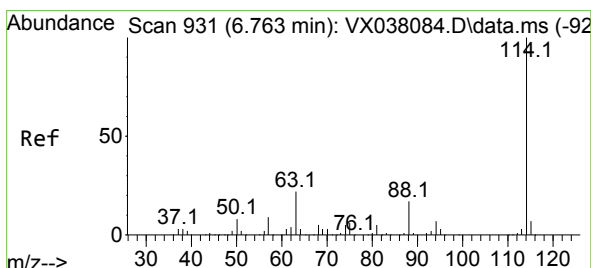
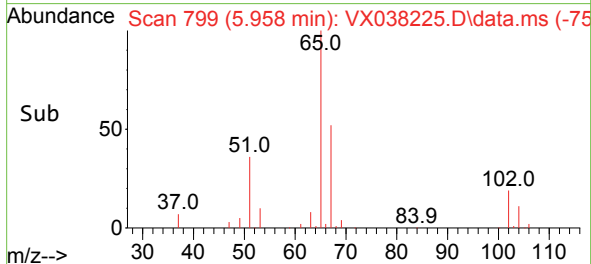
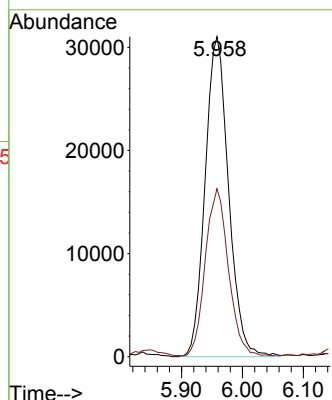
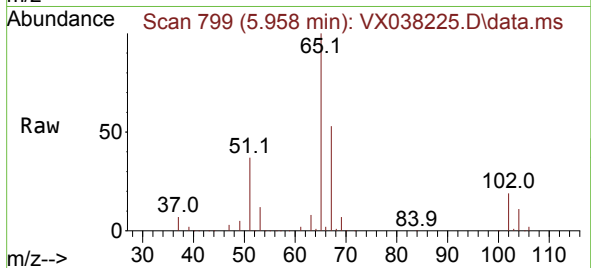




#33
 1,2-Dichloroethane-d4
 Concen: 44.166 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038225.D
 Acq: 11 Oct 2023 13:36

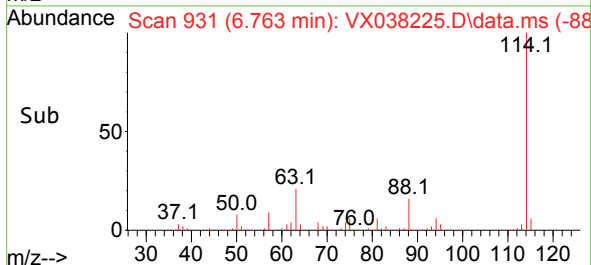
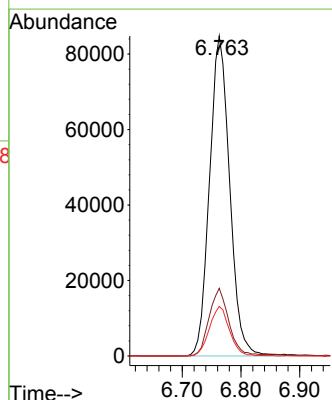
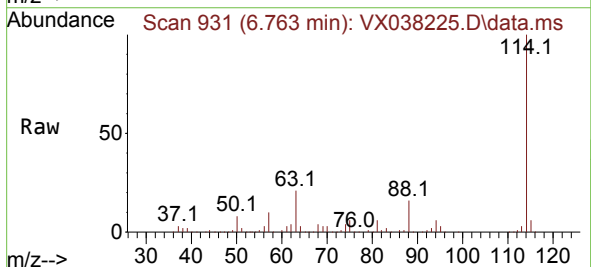
Instrument :
 MSVOA_X
 ClientSampleId :

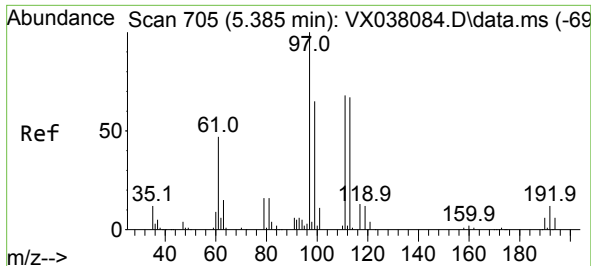
Tgt Ion: 65 Resp: 82959
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038225.D
 Acq: 11 Oct 2023 13:36

Tgt Ion:114 Resp: 202009
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 45.0
 88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.102 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

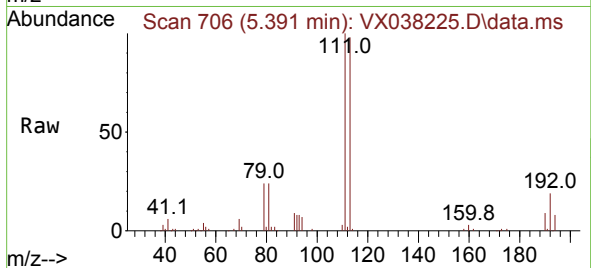
Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :



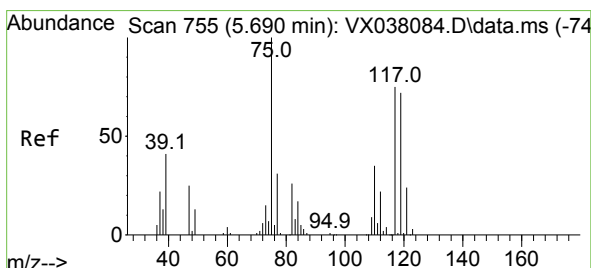
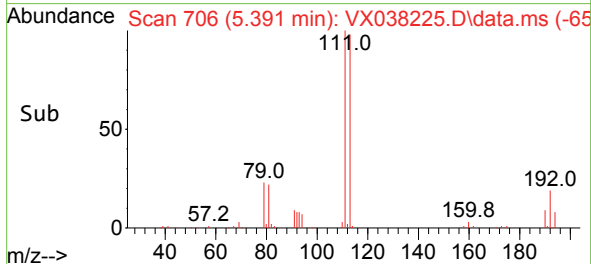
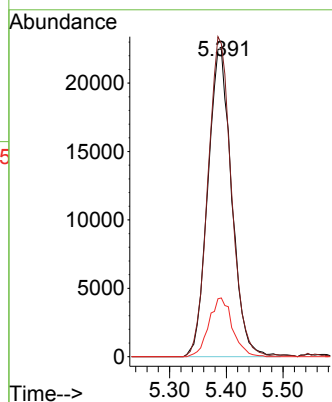
Tgt Ion:113 Resp: 65651

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

192 18.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.647 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

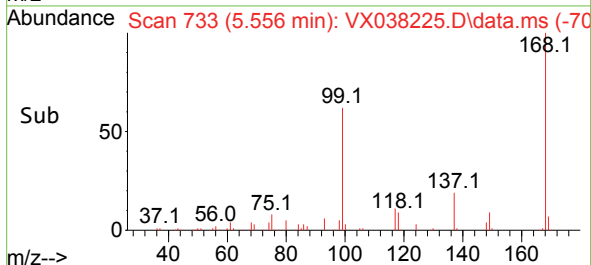
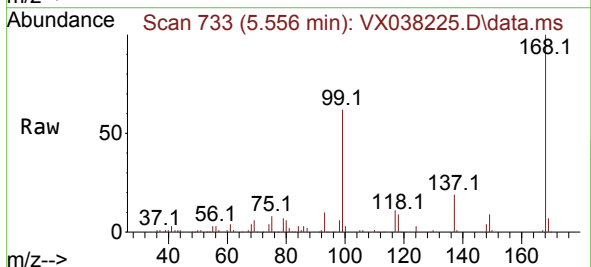
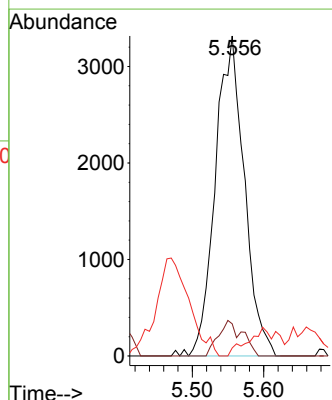
Tgt Ion: 75 Resp: 9327

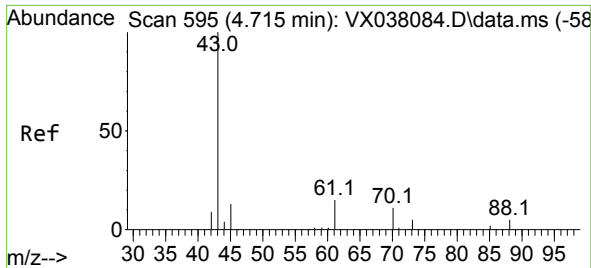
Ion Ratio Lower Upper

75 100

110 9.3 17.0 50.9#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.315 ug/l

RT: 4.788 min Scan# 607

Delta R.T. 0.073 min

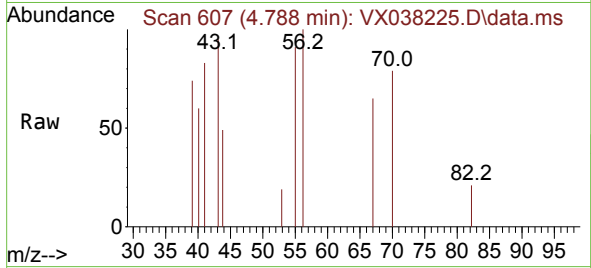
Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

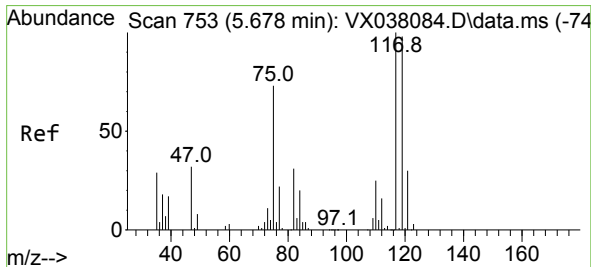
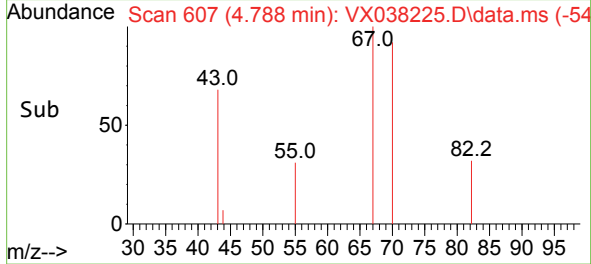
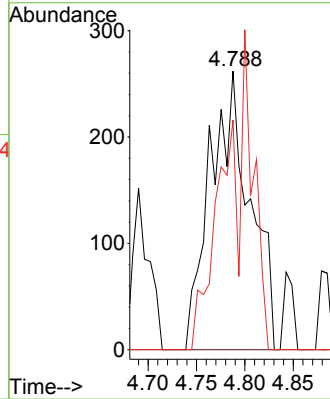
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp:	750
Ion	Ratio	Lower Upper
43	100	
61	0.0	10.6 16.0#
70	45.3	8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.139 ug/l

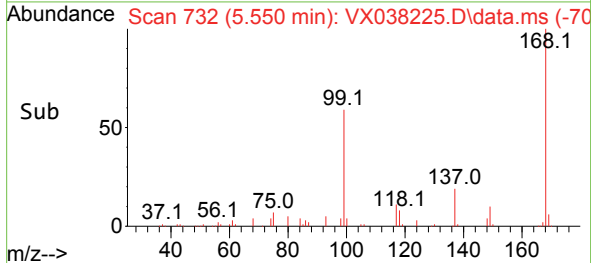
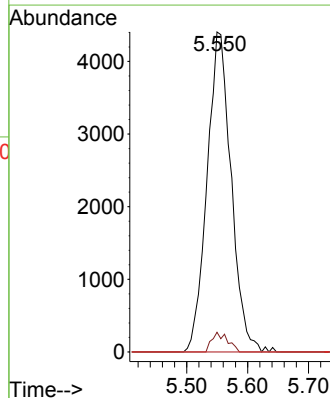
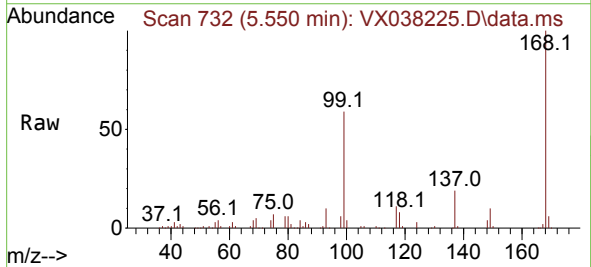
RT: 5.550 min Scan# 732

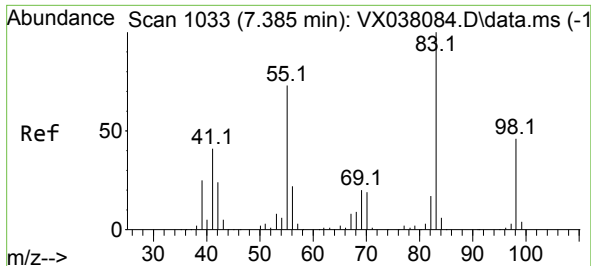
Delta R.T. -0.128 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Tgt Ion: 117	Resp:	12122
Ion	Ratio	Lower Upper
117	100	
119	6.2	78.2 117.2#
121	0.0	24.4 36.6#





#39

Methylcyclohexane

Concen: 106.369 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

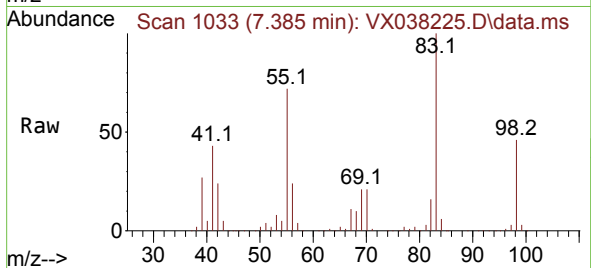
Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :



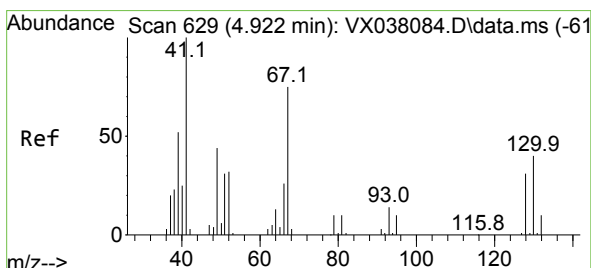
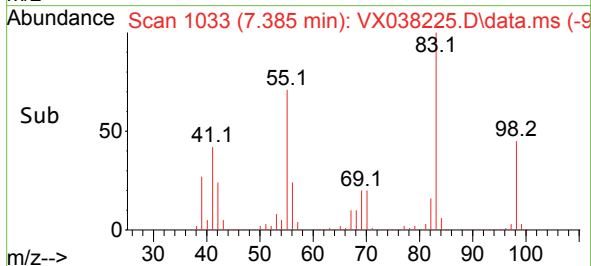
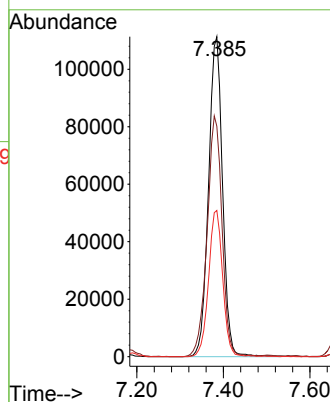
Tgt Ion: 83 Resp: 250087

Ion Ratio Lower Upper

83 100

55 72.0 64.6 97.0

98 45.7 36.7 55.1



#41

Methacrylonitrile

Concen: 1.754 ug/l

RT: 4.971 min Scan# 637

Delta R.T. 0.049 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Tgt Ion: 41 Resp: 2080

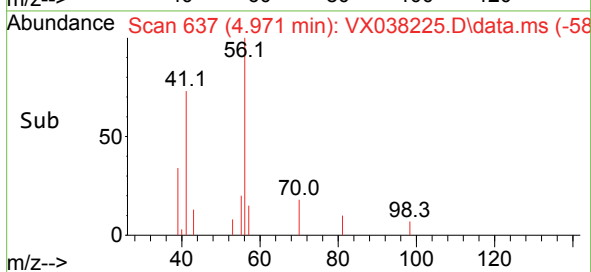
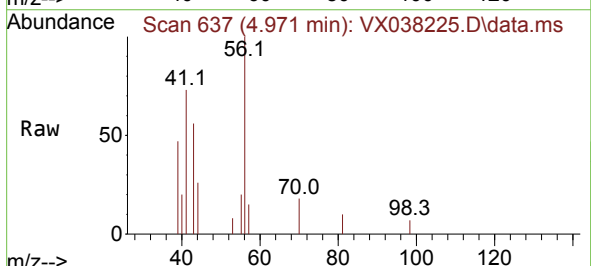
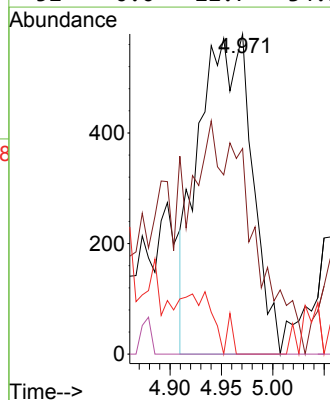
Ion Ratio Lower Upper

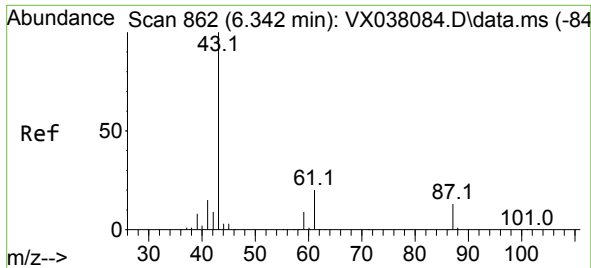
41 100

39 0.0 45.2 67.8#

67 0.0 52.6 78.8#

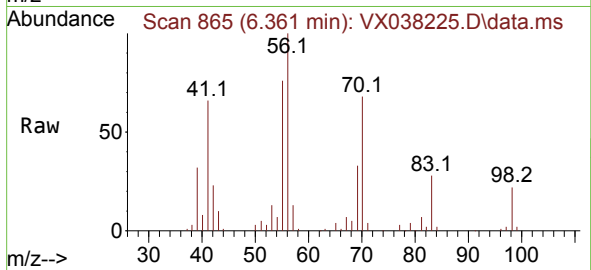
52 0.0 22.7 34.1#



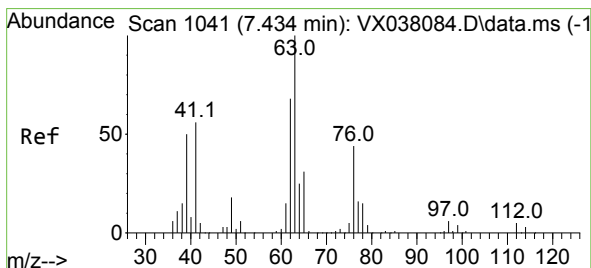
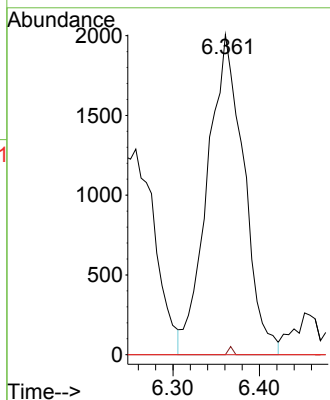
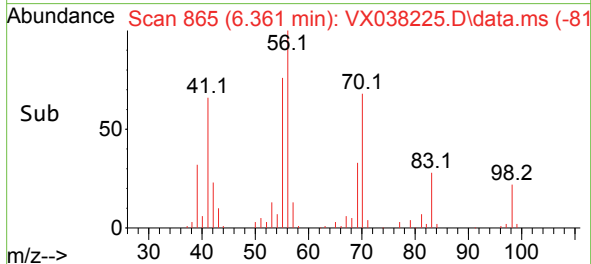


#43
Isopropyl Acetate
Concen: 1.644 ug/l
RT: 6.361 min Scan# 80
Delta R.T. 0.019 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

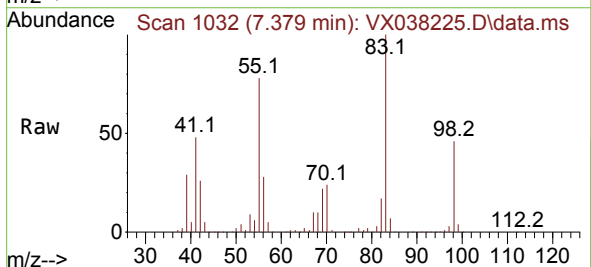
Instrument :
MSVOA_X
ClientSampleId :



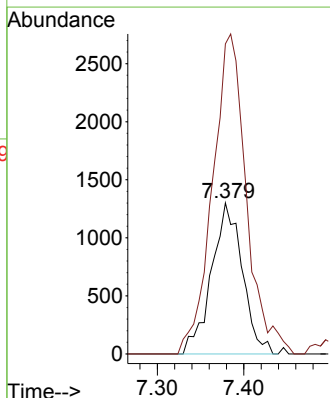
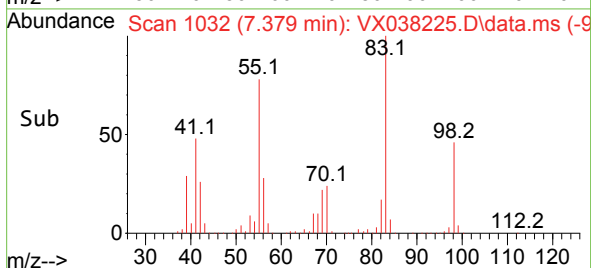
Tgt Ion: 43 Resp: 5849
Ion Ratio Lower Upper
43 100
61 0.3 15.2 22.8#
87 0.0 9.8 14.6#

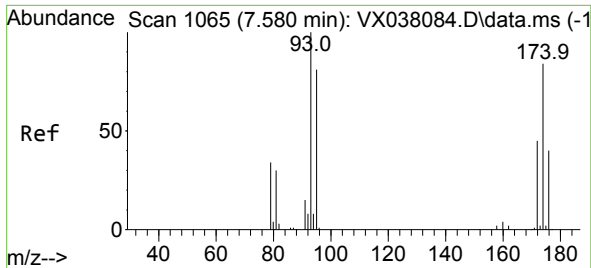


#45
1,2-Dichloropropane
Concen: 2.219 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.055 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36



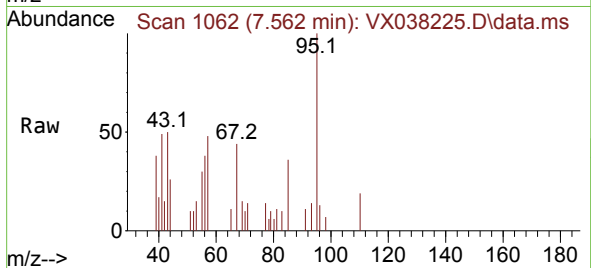
Tgt Ion: 63 Resp: 3224
Ion Ratio Lower Upper
63 100
65 205.3 24.3 36.5#



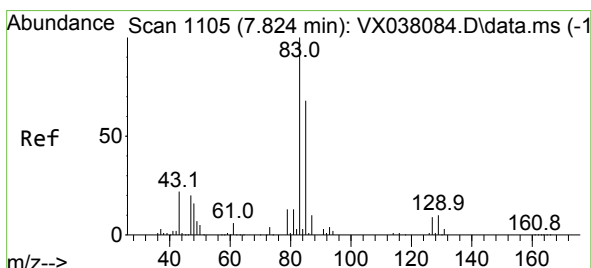
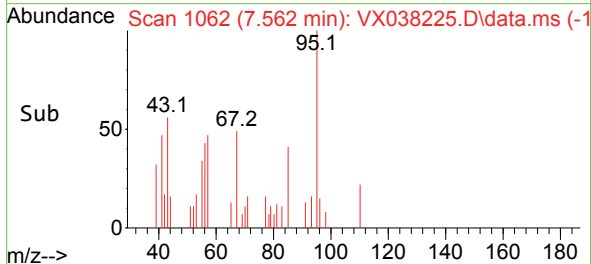
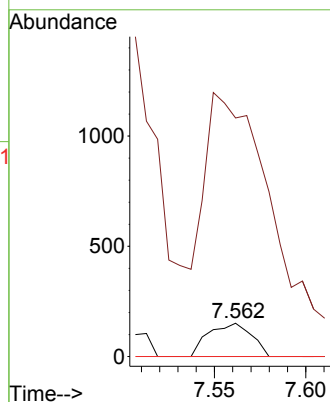


#46
Dibromomethane
Concen: 0.220 ug/l
RT: 7.562 min Scan# 1096
Delta R.T. -0.018 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Instrument :
MSVOA_X
ClientSampleId :

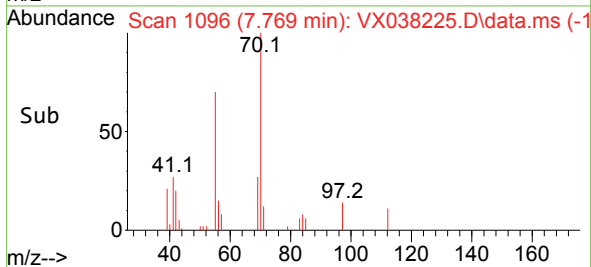
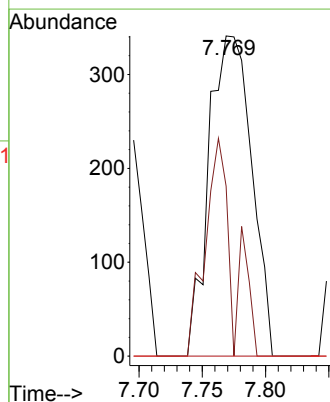
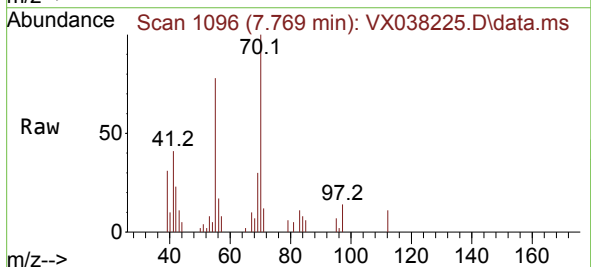


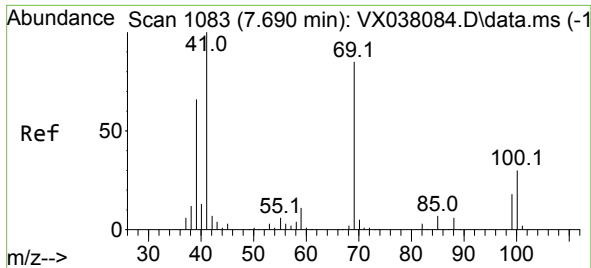
Tgt Ion: 93 Resp: 248
Ion Ratio Lower Upper
93 100
95 1286.3 66.6 100.0#
174 0.0 69.4 104.0#



#47
Bromodichloromethane
Concen: 0.400 ug/l
RT: 7.769 min Scan# 1096
Delta R.T. -0.055 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Tgt Ion: 83 Resp: 802
Ion Ratio Lower Upper
83 100
85 53.1 49.8 74.6
127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 8.245 ug/l

RT: 7.659 min Scan# 1083

Delta R.T. -0.031 min

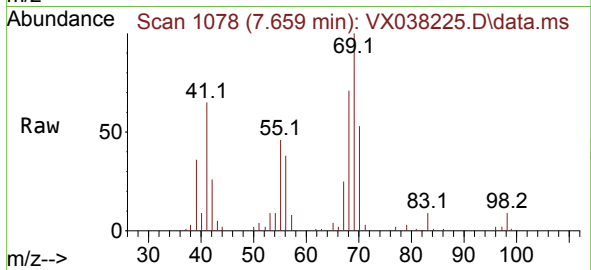
Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

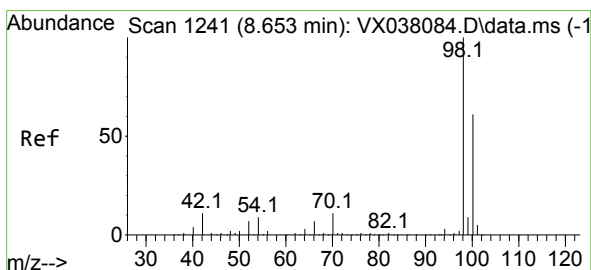
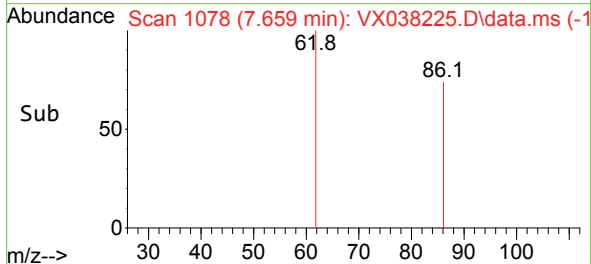
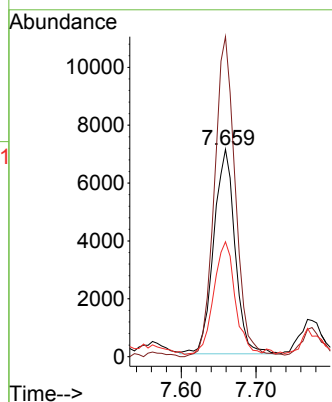
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	41	Resp:	14008
Ion	Ratio	Lower	Upper
41	100		
69	153.5	59.2	88.8#
39	55.3	47.7	71.5



#50

Toluene-d8

Concen: 46.919 ug/l

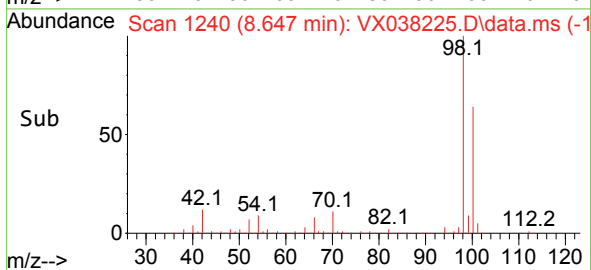
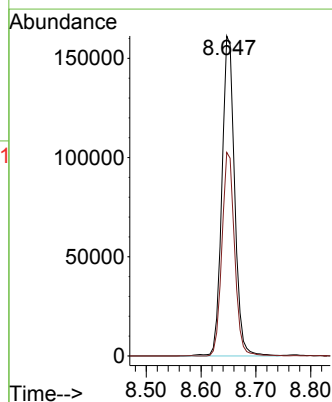
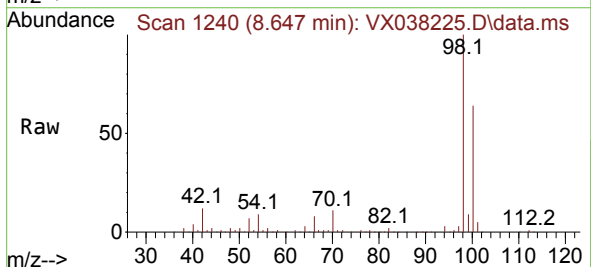
RT: 8.647 min Scan# 1240

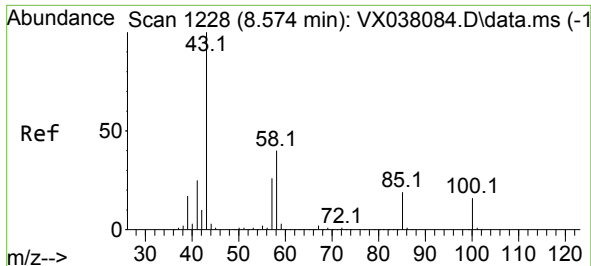
Delta R.T. -0.006 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Tgt Ion:	98	Resp:	260973
Ion	Ratio	Lower	Upper
98	100		
100	63.3	53.1	79.7

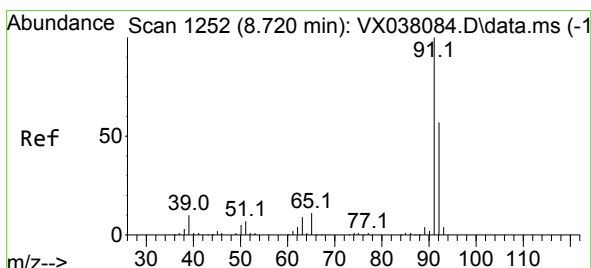
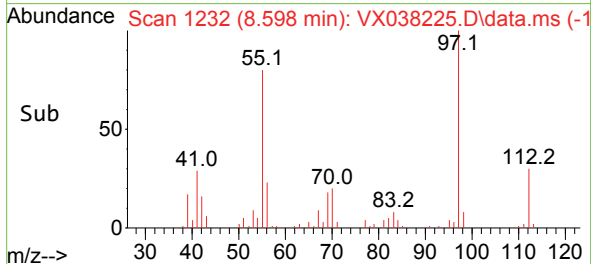
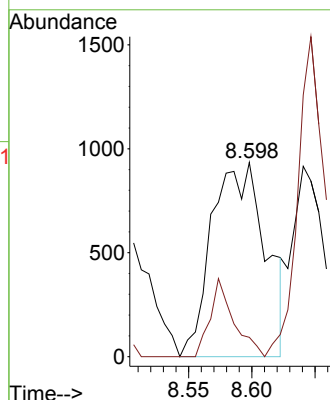
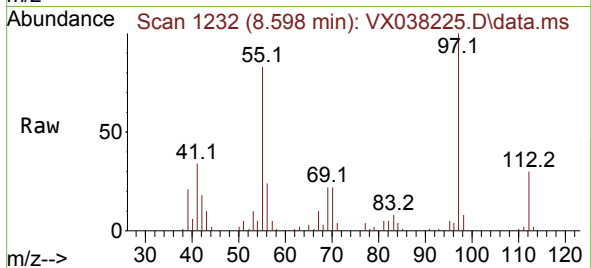




#51
4-Methyl-2-Pentanone
Concen: 1.122 ug/l
RT: 8.598 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

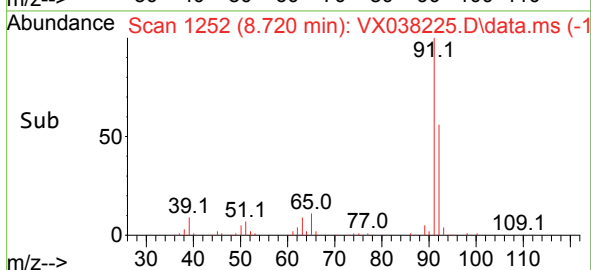
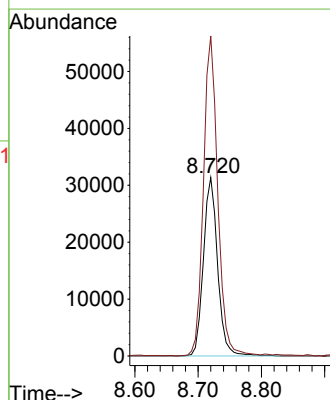
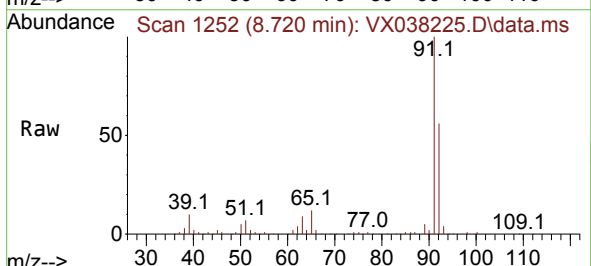
Instrument :
MSVOA_X
ClientSampleId :

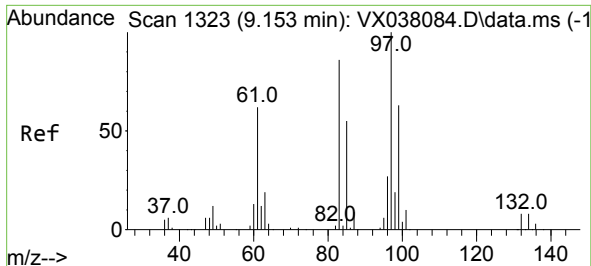
Tgt Ion: 43 Resp: 2753
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#52
Toluene
Concen: 13.413 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

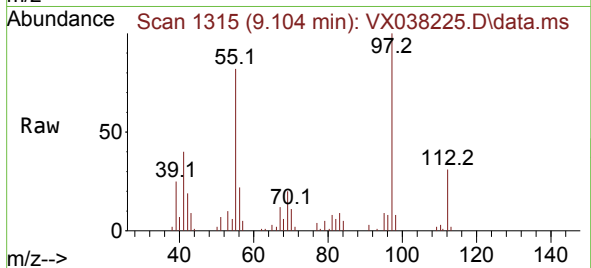
Tgt Ion: 92 Resp: 49052
Ion Ratio Lower Upper
92 100
91 180.7 134.2 201.2



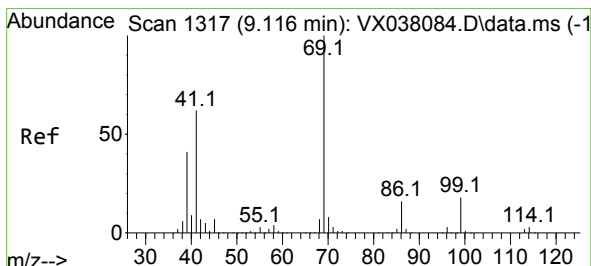
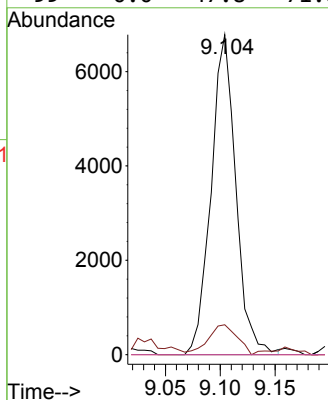
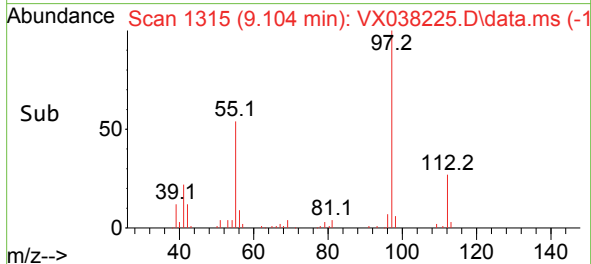


#55
 1,1,2-Trichloroethane
 Concen: 6.820 ug/l
 RT: 9.104 min Scan# 1315
 Delta R.T. -0.049 min
 Lab File: VX038225.D
 Acq: 11 Oct 2023 13:36

Instrument :
 MSVOA_X
 ClientSampleId :

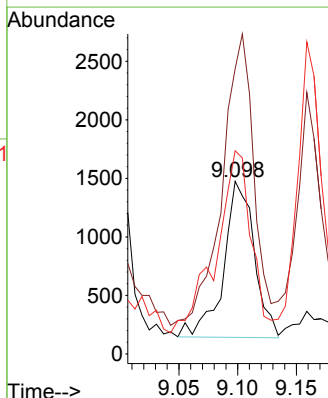
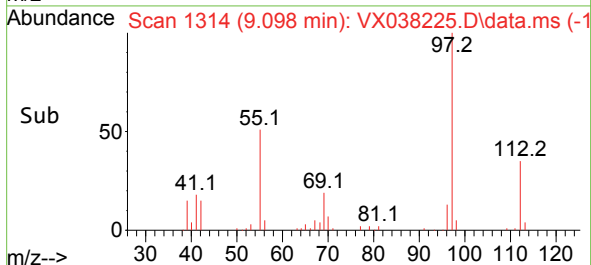
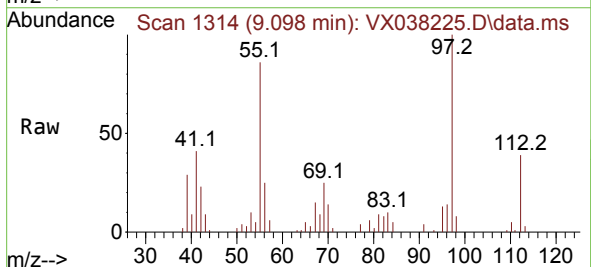


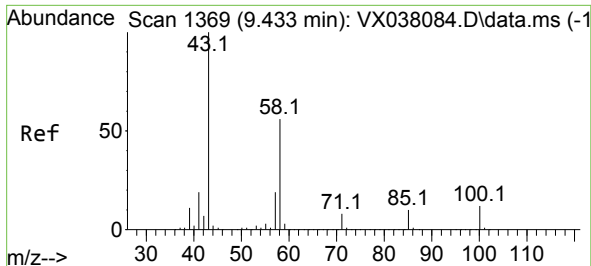
Tgt Ion: 97	Resp: 10669
Ion Ratio	Lower Upper
97 100	
83 8.2	65.8 98.8#
85 0.0	41.6 62.4#
99 0.0	47.8 71.8#



#56
 Ethyl methacrylate
 Concen: 1.009 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. -0.018 min
 Lab File: VX038225.D
 Acq: 11 Oct 2023 13:36

Tgt Ion: 69	Resp: 2419
Ion Ratio	Lower Upper
69 100	
41 187.7	56.8 85.2#
39 133.7	32.0 48.0#





#59

2-Hexanone

Concen: 1.046 ug/l

RT: 9.445 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_X

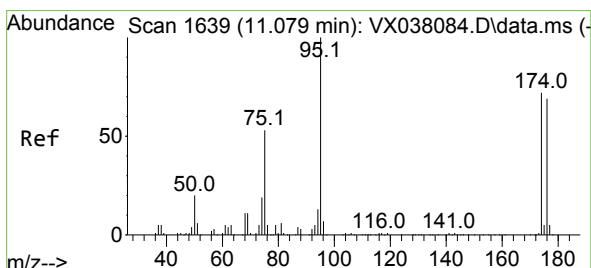
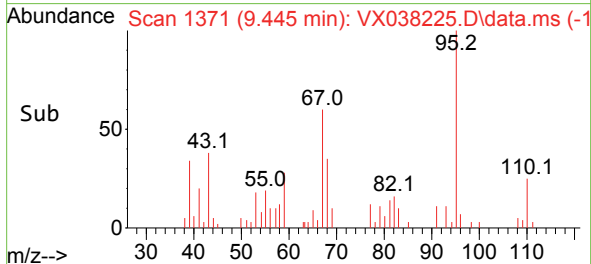
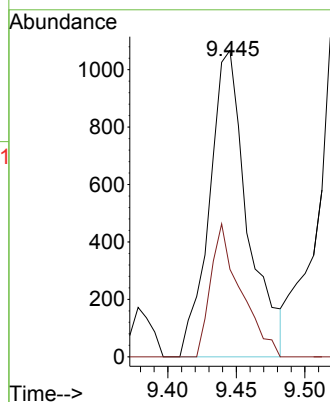
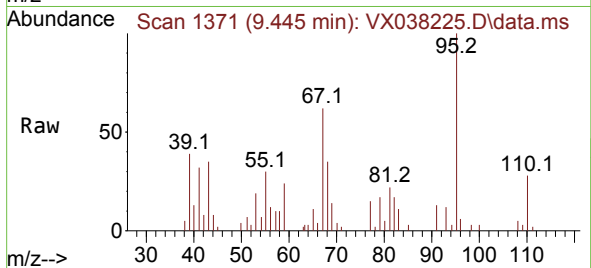
ClientSampleId :

Tgt Ion: 43 Resp: 2065

Ion Ratio Lower Upper

43 100

58 34.2 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 49.990 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

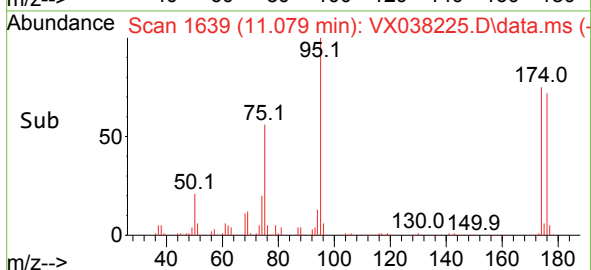
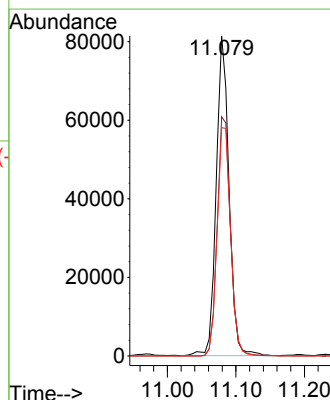
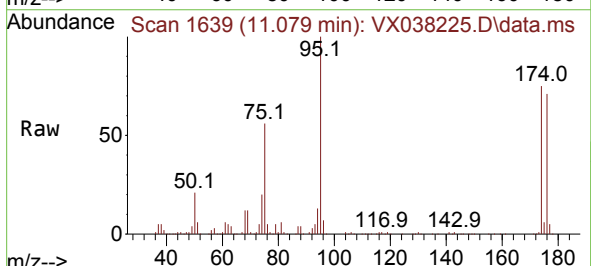
Tgt Ion: 95 Resp: 105414

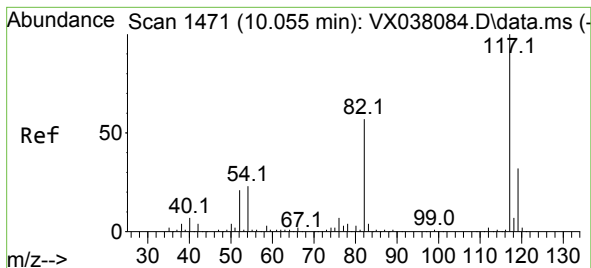
Ion Ratio Lower Upper

95 100

174 76.9 0.0 135.6

176 74.8 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: VX038225.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

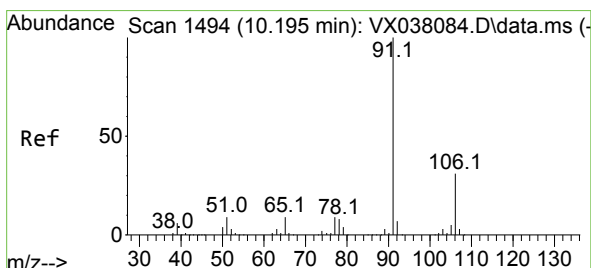
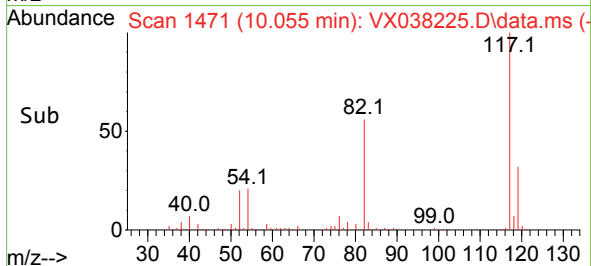
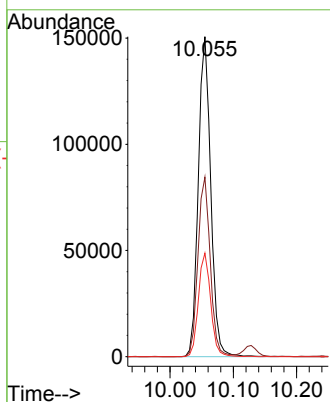
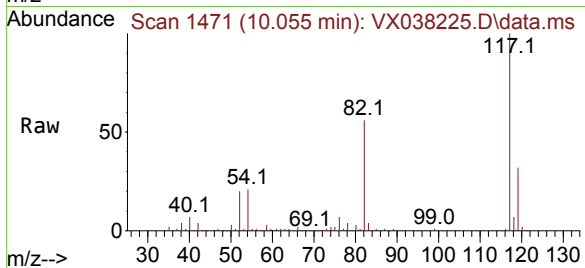
Tgt Ion:117 Resp: 206773

Ion Ratio Lower Upper

117 100

82 56.0 46.2 69.4

119 32.3 25.5 38.3



#67

Ethyl Benzene

Concen: 14.235 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038225.D

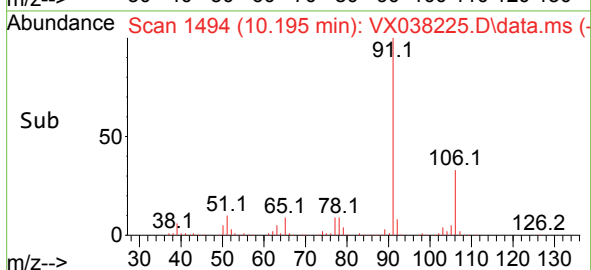
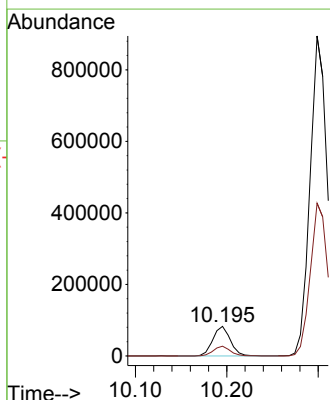
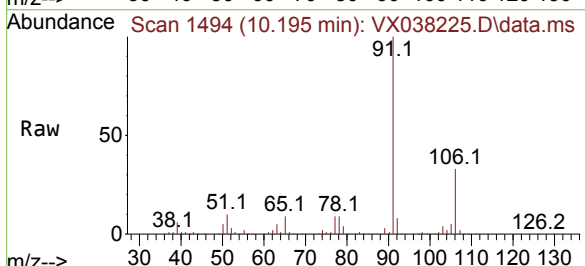
Acq: 11 Oct 2023 13:36

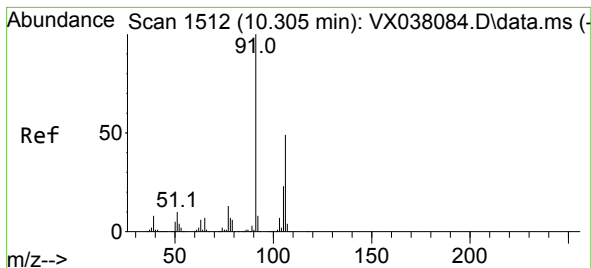
Tgt Ion: 91 Resp: 109938

Ion Ratio Lower Upper

91 100

106 32.8 24.9 37.3





#68

m/p-Xylenes

Concen: 192.614 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_X

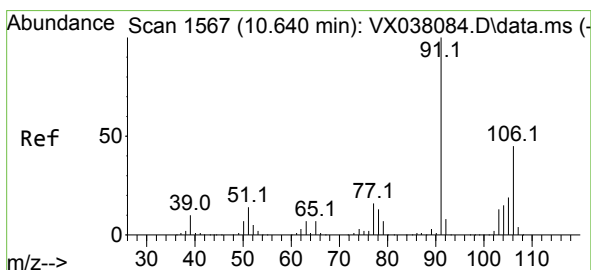
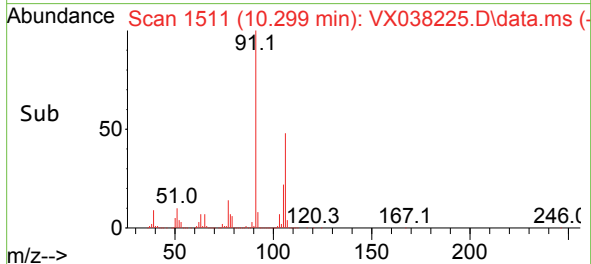
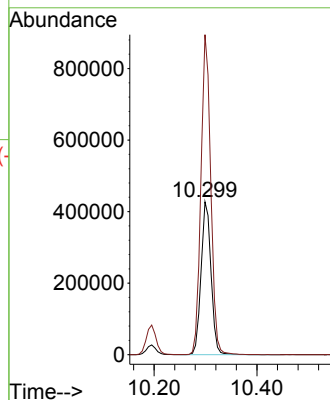
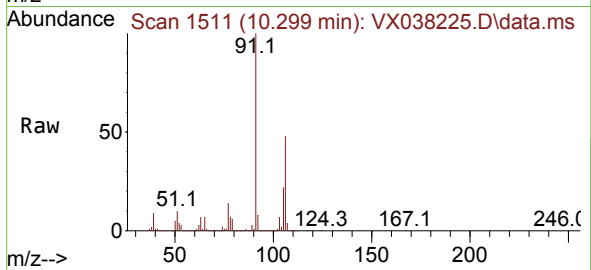
ClientSampleId :

Tgt Ion:106 Resp: 575211

Ion Ratio Lower Upper

106 100

91 206.5 165.5 248.3



#69

o-Xylene

Concen: 107.281 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038225.D

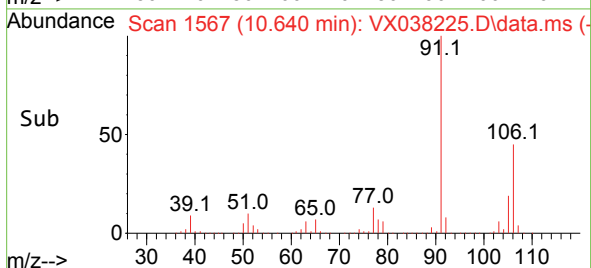
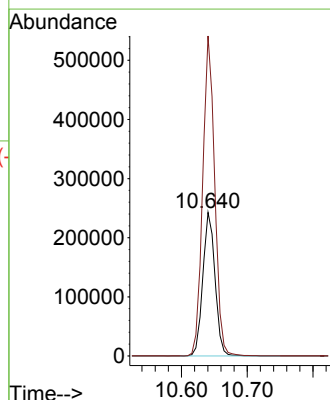
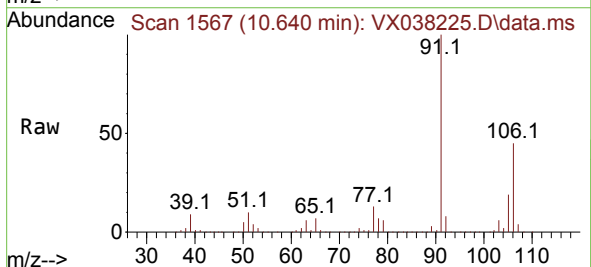
Acq: 11 Oct 2023 13:36

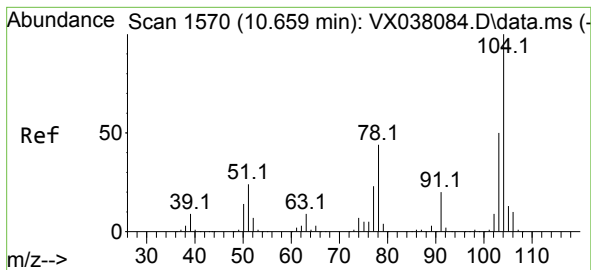
Tgt Ion:106 Resp: 312686

Ion Ratio Lower Upper

106 100

91 219.4 108.9 326.8





#70

Styrene

Concen: 3.436 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.019 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

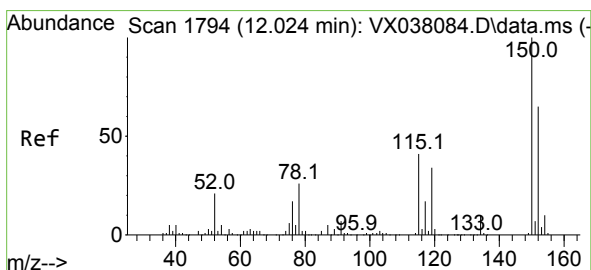
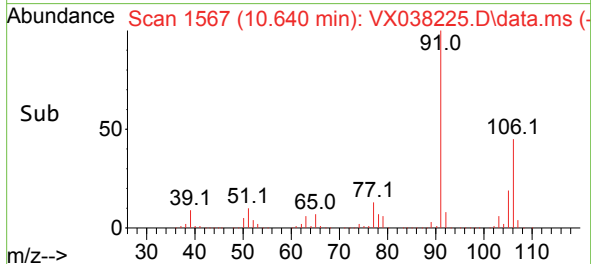
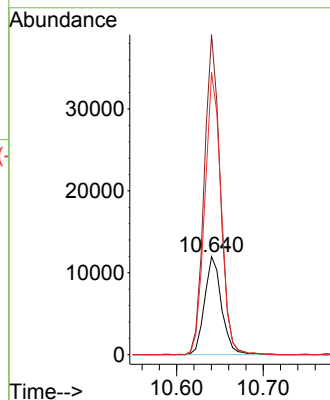
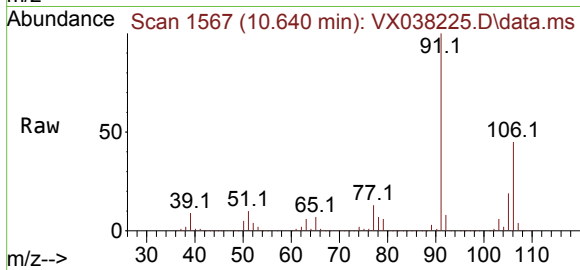
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:104 Resp: 16309

Ion	Ratio	Lower	Upper
104	100		
78	307.8	43.6	65.4#
103	277.2	43.6	65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

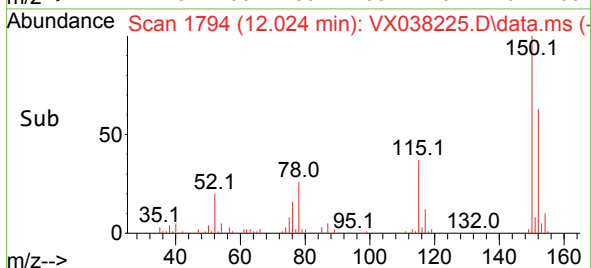
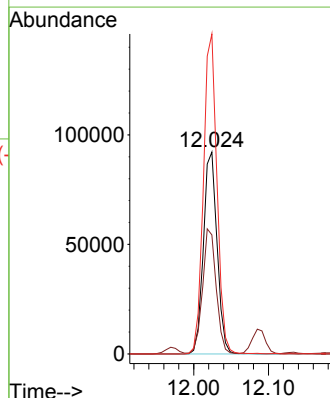
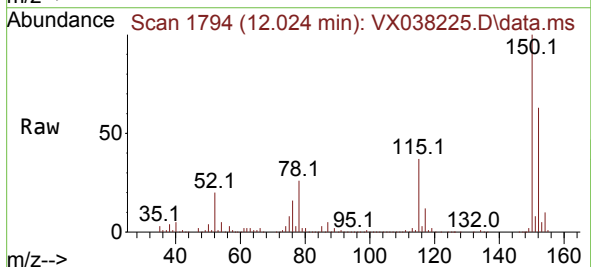
Delta R.T. 0.000 min

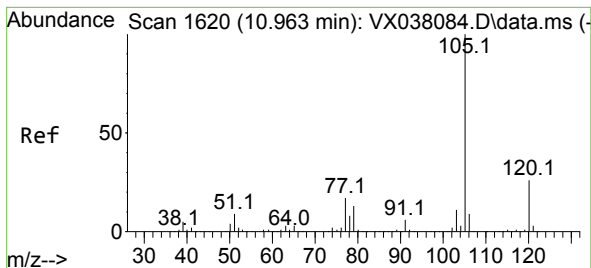
Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Tgt Ion:152 Resp: 116951

Ion	Ratio	Lower	Upper
152	100		
115	61.6	43.3	129.9
150	156.7	0.0	345.0





#73

Isopropylbenzene

Concen: 13.513 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_X

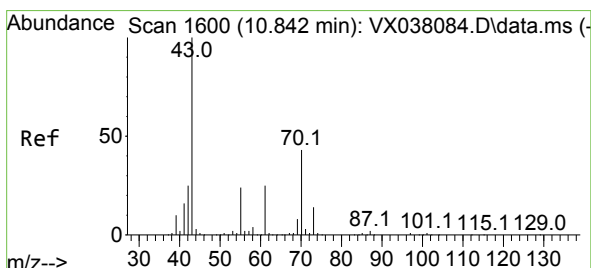
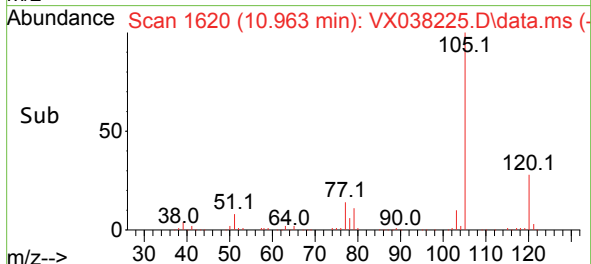
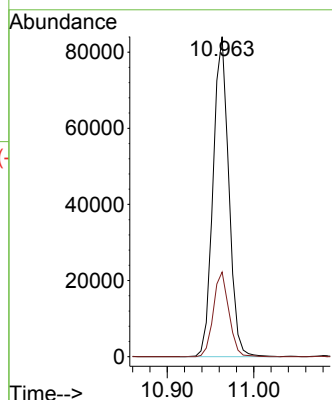
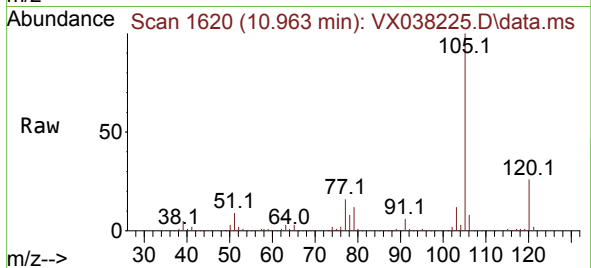
ClientSampleId :

Tgt Ion:105 Resp: 105982

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.6



#74

N-ethyl acetate

Concen: 0.805 ug/l

RT: 10.890 min Scan# 1608

Delta R.T. 0.048 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Tgt Ion: 43 Resp: 2697

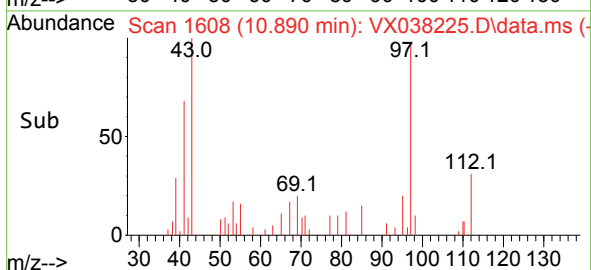
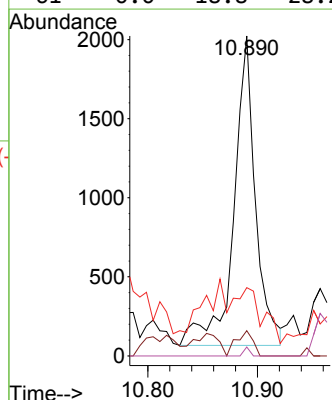
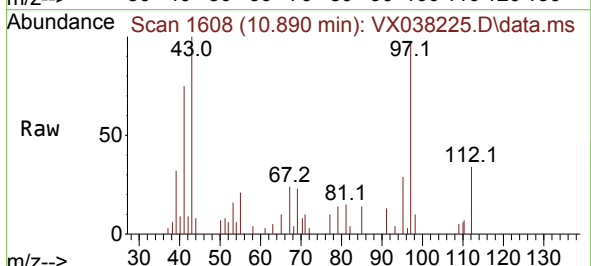
Ion Ratio Lower Upper

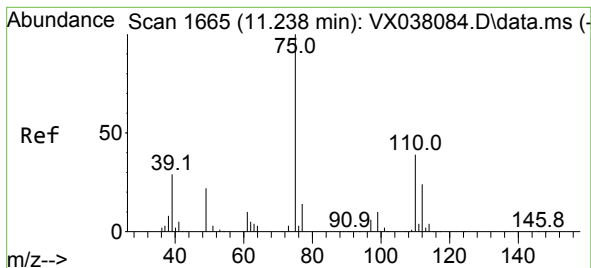
43 100

70 6.2 32.9 49.3#

55 12.2 19.3 28.9#

61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 2.936 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.140 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_X

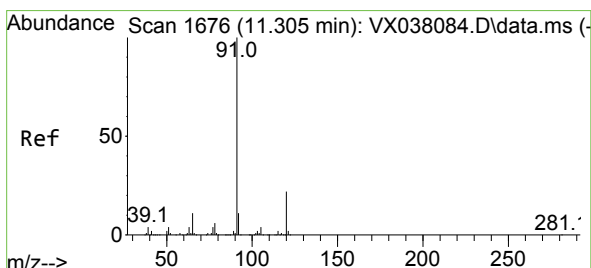
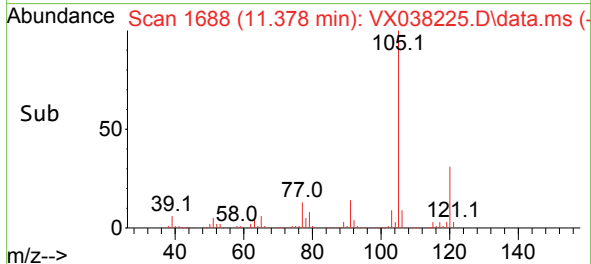
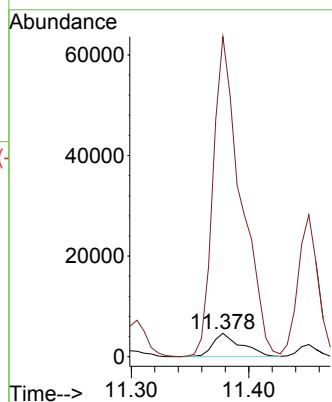
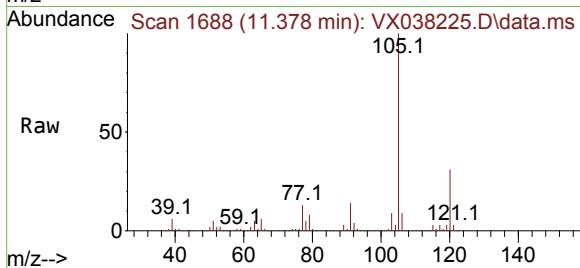
ClientSampleId :

Tgt Ion: 75 Resp: 7806

Ion Ratio Lower Upper

75 100

77 1352.5 19.1 57.5#



#78

n-propylbenzene

Concen: 22.252 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038225.D

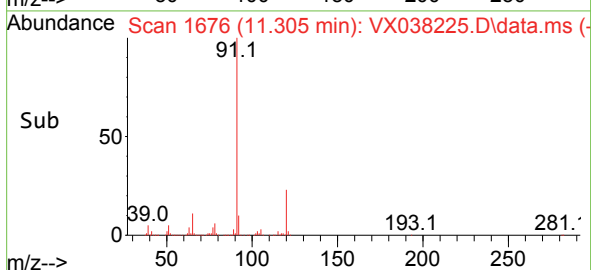
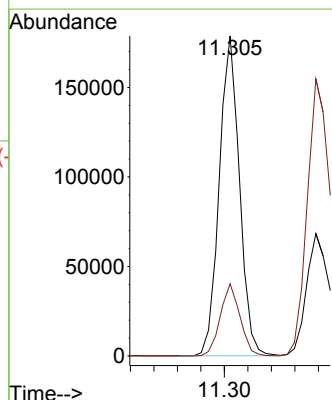
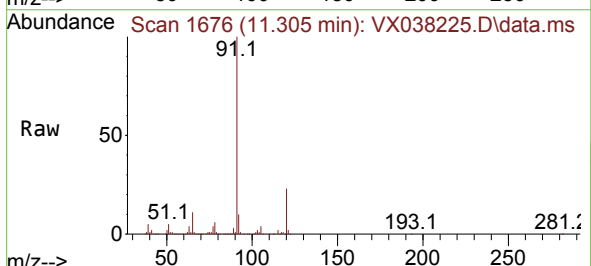
Acq: 11 Oct 2023 13:36

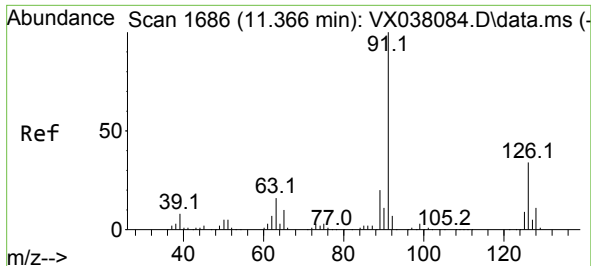
Tgt Ion: 91 Resp: 213402

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4

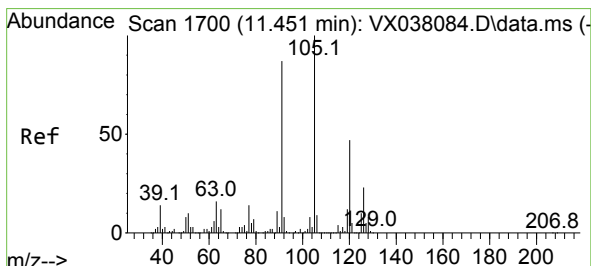
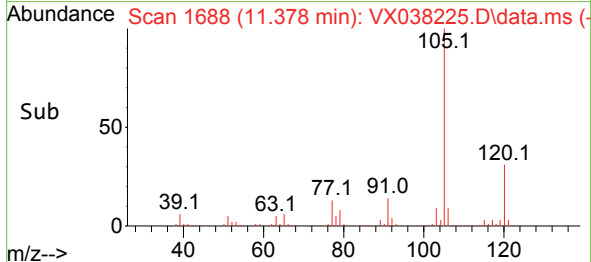
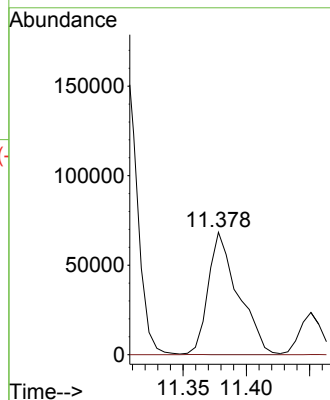
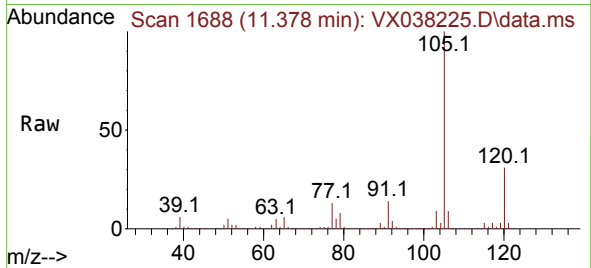




#79
2-Chlorotoluene
Concen: 19.814 ug/l
RT: 11.378 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

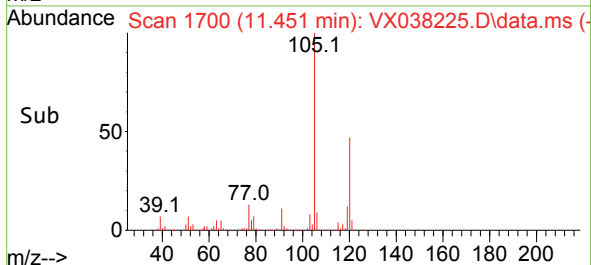
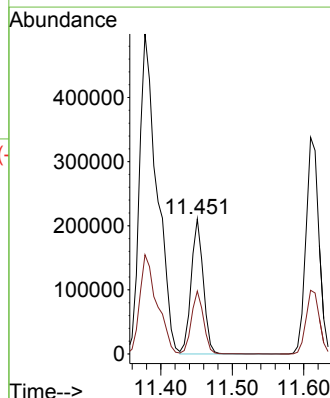
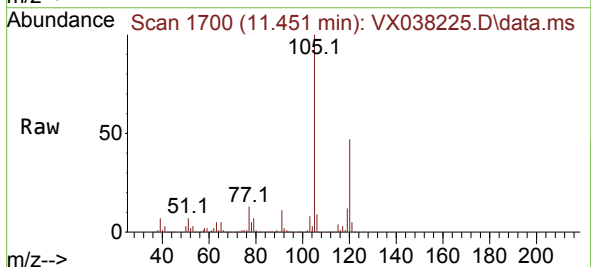
Instrument :
MSVOA_X
ClientSampleId :

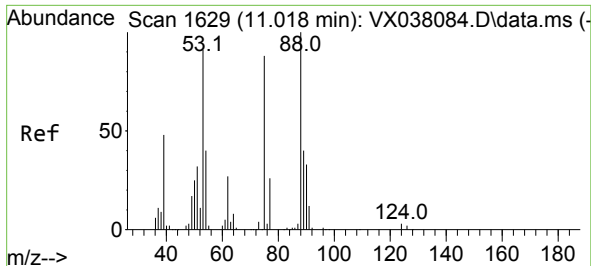
Tgt Ion: 91 Resp: 112693
Ion Ratio Lower Upper
91 100
126 0.1 16.3 48.8#



#80
1,3,5-Trimethylbenzene
Concen: 36.450 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Tgt Ion: 105 Resp: 246639
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.3

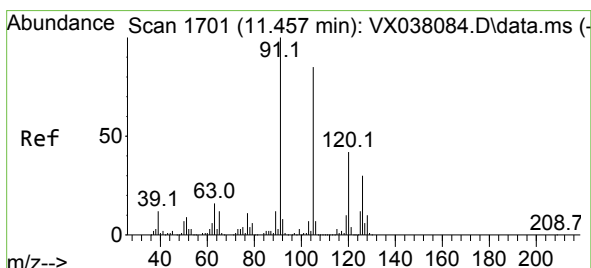
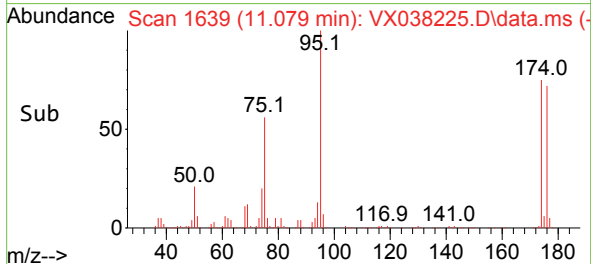
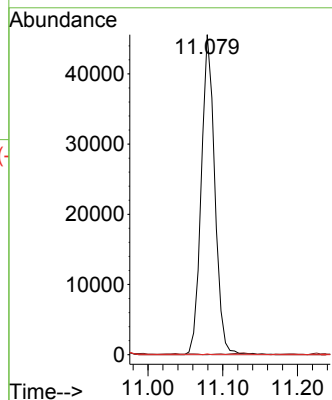
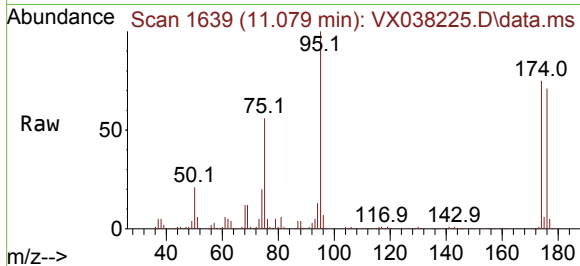




#81
trans-1,4-Dichloro-2-butene
Concen: 61.865 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

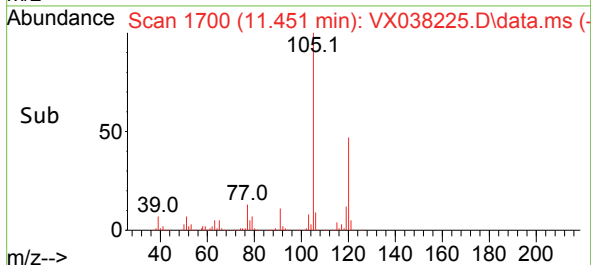
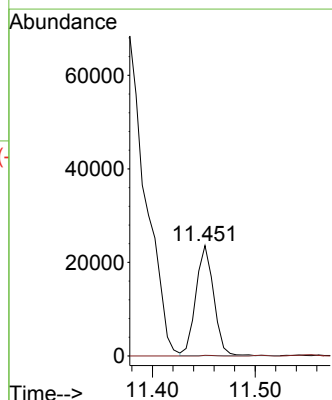
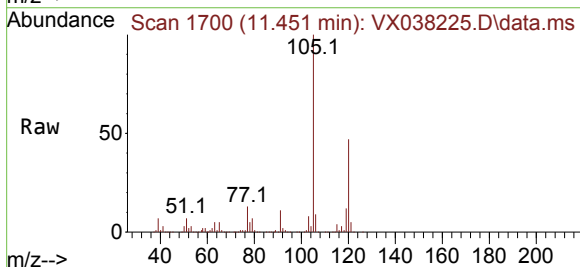
Instrument :
MSVOA_X
ClientSampleId :

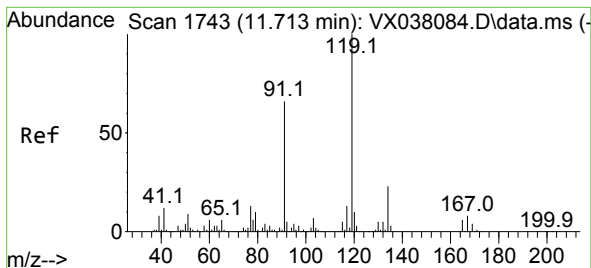
Tgt Ion: 75 Resp: 57279
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 4.212 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Tgt Ion: 91 Resp: 28349
Ion Ratio Lower Upper
91 100
126 0.4 14.2 42.6#





#83

tert-Butylbenzene

Concen: 18.445 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.037 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

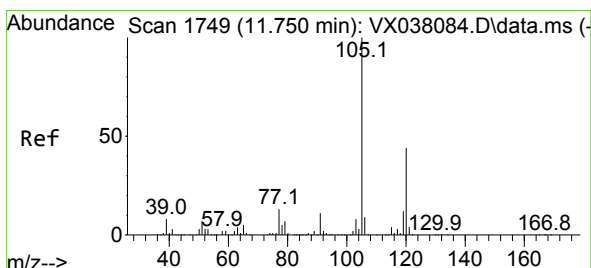
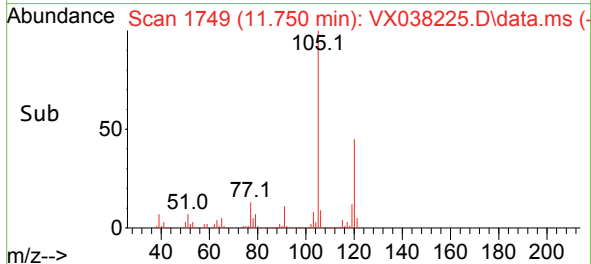
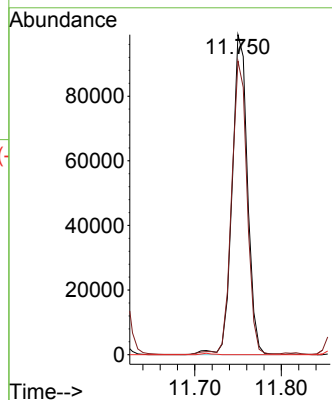
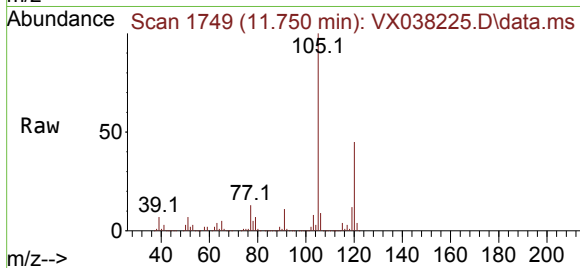
Tgt Ion:119 Resp: 121951

Ion Ratio Lower Upper

119 100

91 92.4 31.2 93.6

134 0.0 11.7 35.0#



#84

1,2,4-Trimethylbenzene

Concen: 148.960 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038225.D

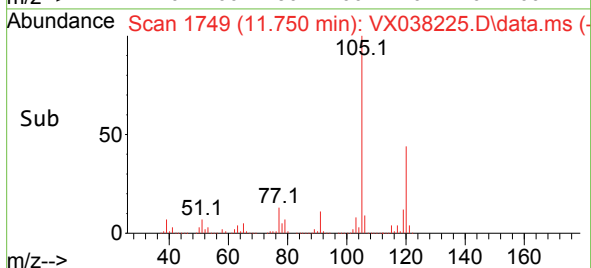
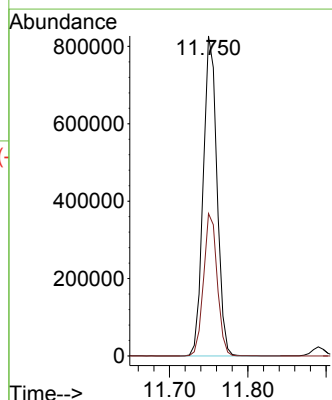
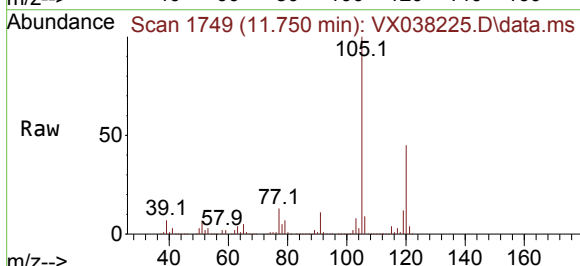
Acq: 11 Oct 2023 13:36

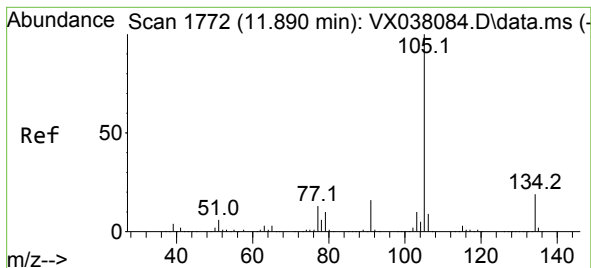
Tgt Ion:105 Resp: 1004969

Ion Ratio Lower Upper

105 100

120 44.3 21.2 63.6





#85

sec-Butylbenzene

Concen: 117.337 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.140 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_X

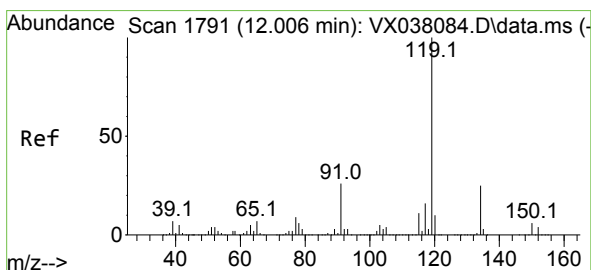
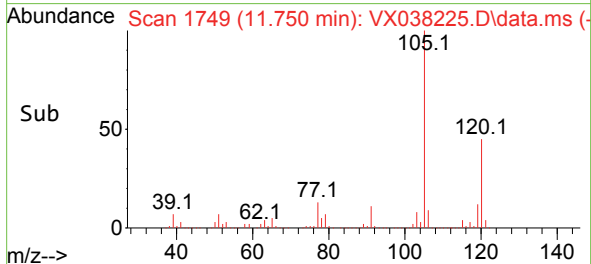
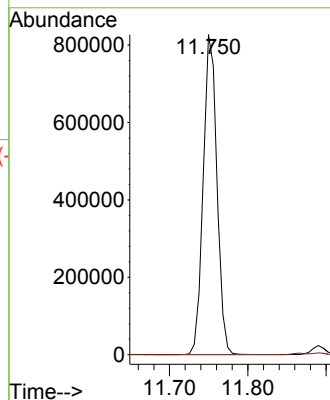
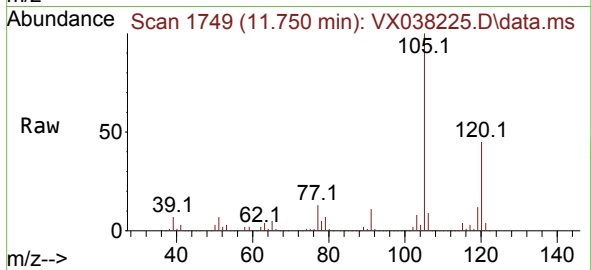
ClientSampleId :

Tgt Ion:105 Resp: 1004969

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 3.109 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

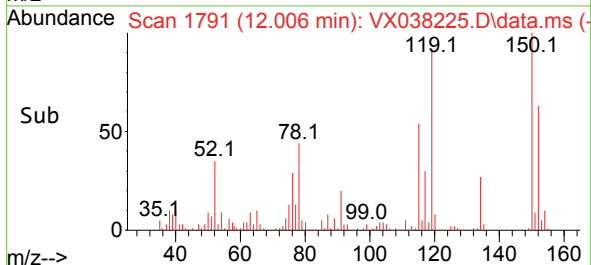
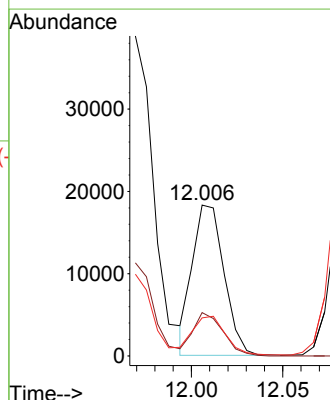
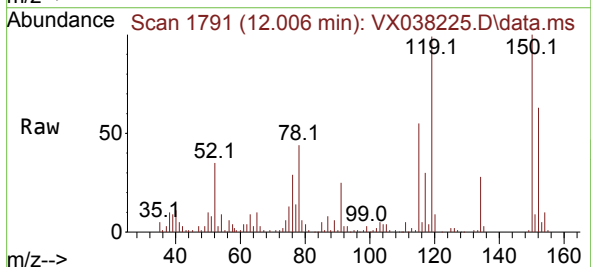
Tgt Ion:119 Resp: 21969

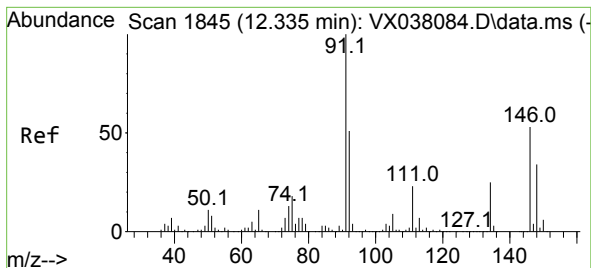
Ion Ratio Lower Upper

119 100

134 27.5 12.8 38.3

91 27.9 13.1 39.3





#89

n-Butylbenzene

Concen: 8.736 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

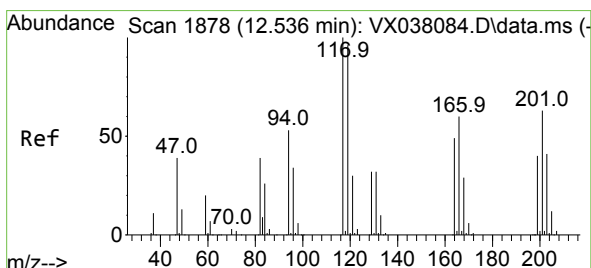
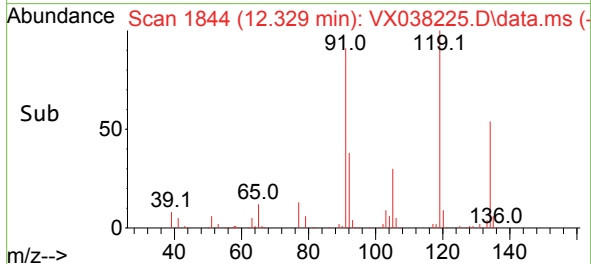
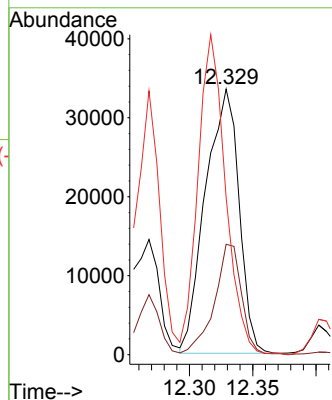
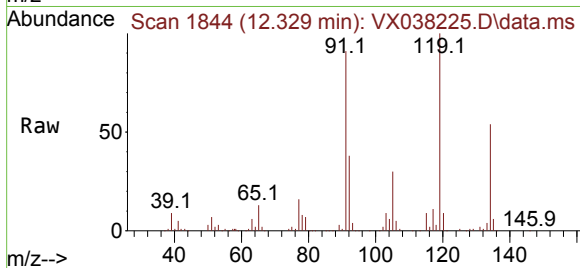
Tgt Ion: 91 Resp: 61477

Ion Ratio Lower Upper

91 100

92 34.1 27.4 82.0

134 100.0 12.6 37.8#



#90

Hexachloroethane

Concen: 16.104 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX038225.D

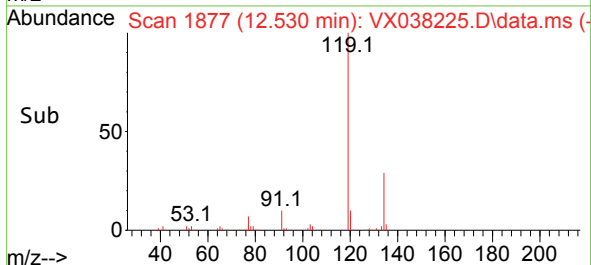
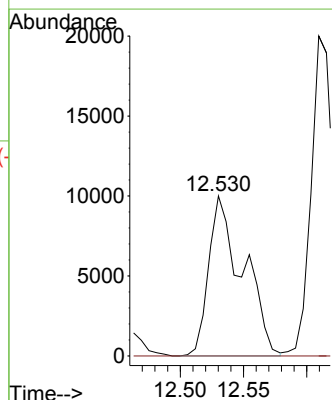
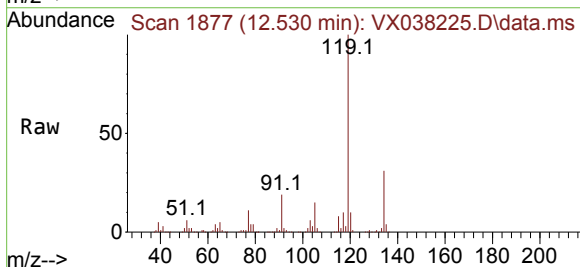
Acq: 11 Oct 2023 13:36

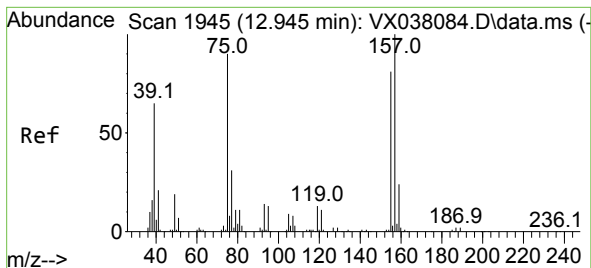
Tgt Ion: 117 Resp: 18868

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

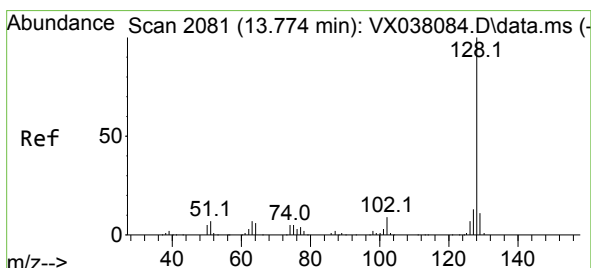
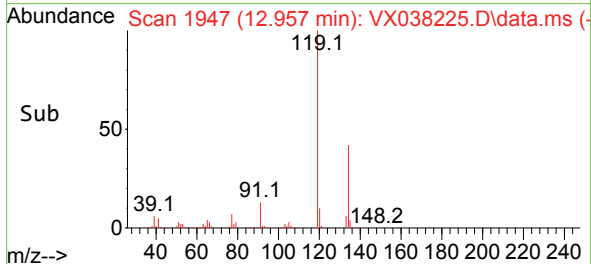
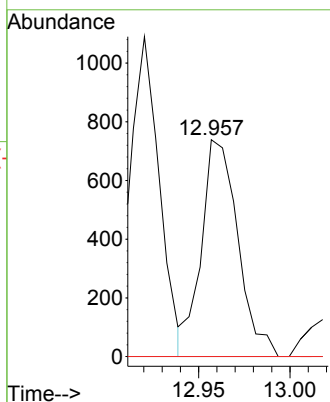
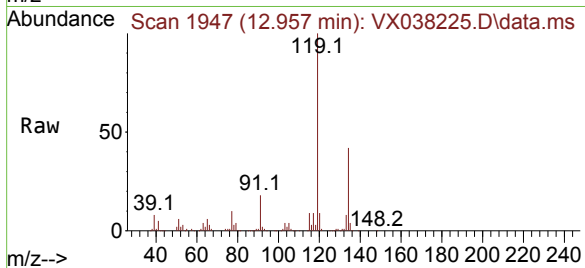




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.470 ug/l
RT: 12.957 min Scan# 1945
Delta R.T. 0.012 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1023
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#



#95
Naphthalene
Concen: 40.141 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Tgt Ion:128 Resp: 346615
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.2 8.8 13.2

