

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037921.D
 Acq On : 27 Sep 2023 14:07
 Operator : JC/MD
 Sample : 04614-01 20X
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 28 01:21:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	249634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	421220	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	248723	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144453	44.043	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.080%
35) Dibromofluoromethane	5.385	113	123696	43.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.780%
50) Toluene-d8	8.653	98	577606	55.157	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.320%
62) 4-Bromofluorobenzene	11.079	95	230841	60.662	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.320%

Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	1179	1.675	ug/l #	78
13) Acrolein	2.215	56	2199	3.162	ug/l #	1
14) Allyl chloride	2.782	41	139315	34.346	ug/l #	73
15) Acrylonitrile	3.099	53	45280	28.928	ug/l #	40
16) Acetone	2.343	43	41203	26.114	ug/l #	58
18) Methyl Acetate	2.782	43	336794	59.173	ug/l #	53
19) Methyl tert-butyl Ether	3.117	73	8328	0.930	ug/l #	1
20) Methylene Chloride	2.788	84	2337	0.776	ug/l #	1
22) Diisopropyl ether	3.764	45	13076	1.548	ug/l #	57
25) 2-Butanone	4.452	43	16607	7.459	ug/l #	51
26) 2,2-Dichloropropane	4.312	77	12749	3.116	ug/l #	54
29) Tetrahydrofuran	5.129	42	6881	4.968	ug/l #	1
30) Chloroform	5.166	83	19151	3.511	ug/l	92
31) Cyclohexane	5.501	56	1488244	353.533	ug/l #	69
36) 1,1-Dichloropropene	5.556	75	19713	5.077	ug/l #	50
38) Carbon Tetrachloride	5.556	117	24307	5.984	ug/l #	15
39) Methylcyclohexane	7.385	83	2884495	585.380	ug/l	95
40) Benzene	6.038	78	1891144	158.398	ug/l	100
41) Methacrylonitrile	5.129	41	57087	26.231	ug/l #	45
42) 1,2-Dichloroethane	6.044	62	16129	3.738	ug/l #	77
43) Isopropyl Acetate	6.361	43	45997	6.740	ug/l #	65
45) 1,2-Dichloropropane	7.385	63	29809	9.614	ug/l #	1
46) Dibromomethane	7.556	93	967	0.434	ug/l #	1
47) Bromodichloromethane	7.775	83	37559	9.144	ug/l #	1
48) Methyl methacrylate	7.659	41	281248	86.203	ug/l #	34
49) 1,4-Dioxane	7.580	88	7633	89.239	ug/l #	1
51) 4-Methyl-2-Pentanone	8.622	43	261161	60.312	ug/l #	66
52) Toluene	8.732	92	18945707	2462.231	ug/l #	64
53) t-1,3-Dichloropropene	8.738	75	371248	86.436	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	903323	278.449	ug/l #	21
56) Ethyl methacrylate	9.104	69	197631	40.807	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.281	63	4705	2.080	ug/l #	47
59) 2-Hexanone	9.385	43	361080	107.099	ug/l #	31
60) Dibromochloromethane	9.500	129	1865	0.577	ug/l #	1
65) Chlorobenzene	10.012	112	6020	0.625	ug/l #	62
67) Ethyl Benzene	10.201	91	10815079	647.965	ug/l #	76

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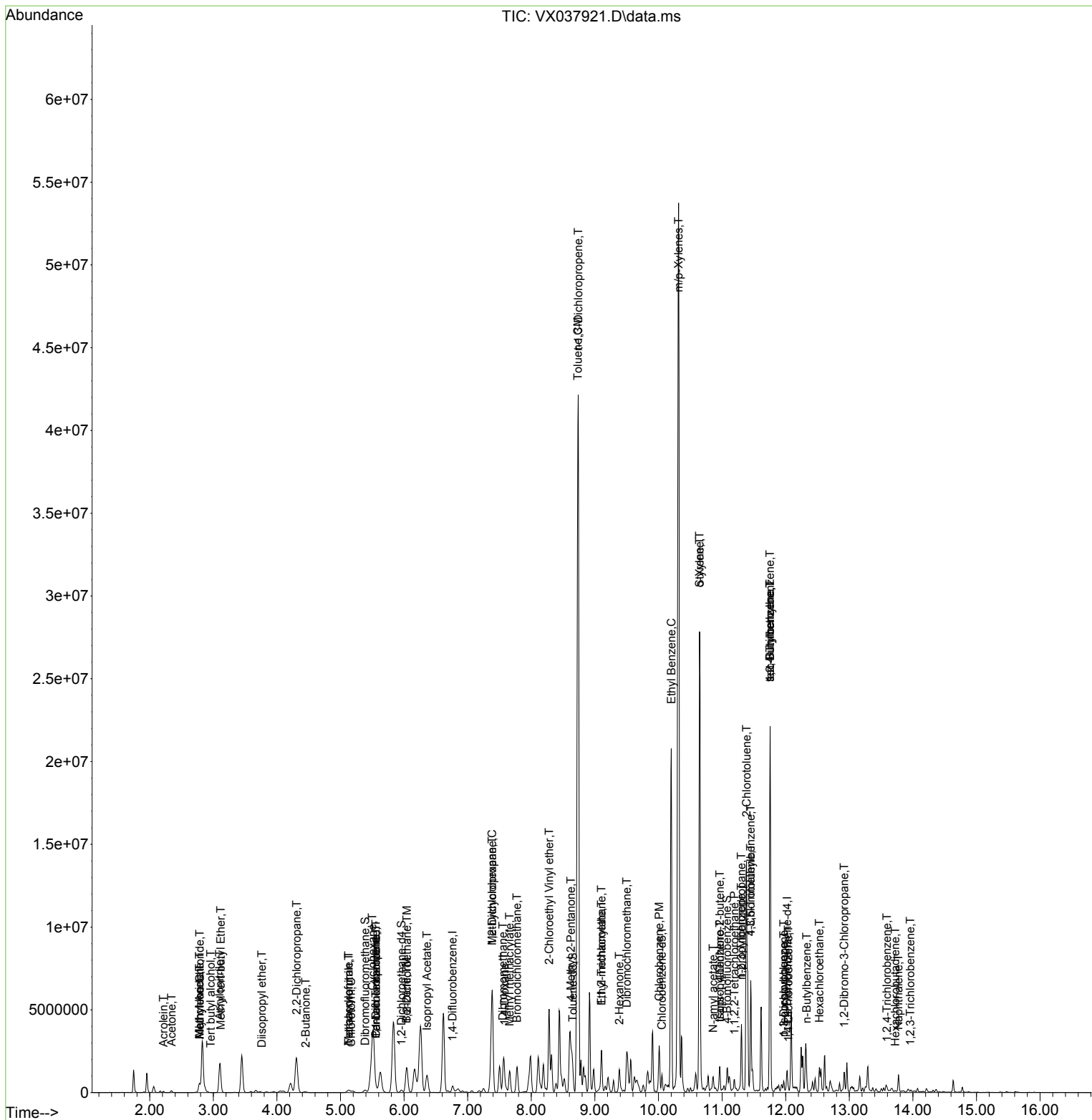
Instrument :
 MSVOA_X
 ClientSampleId :

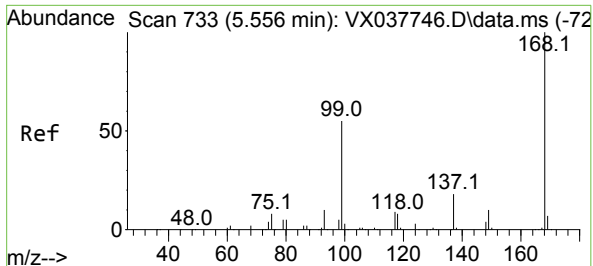
Quant Time: Sep 28 01:21:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) m/p-Xylenes	10.317	106	15205408	2357.585	ug/l #	48
69) o-Xylene	10.646	106	6422619	993.061	ug/l	74
70) Styrene	10.646	104	354996	34.190	ug/l #	1
73) Isopropylbenzene	10.964	105	730105	40.011	ug/l	98
74) N-amyl acetate	10.860	43	55137	7.461	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.195	83	20460	3.188	ug/l #	92
76) 1,2,3-Trichloropropane	11.305	75	14489	2.519	ug/l #	1
78) n-propylbenzene	11.305	91	2389319	115.942	ug/l	98
79) 2-Chlorotoluene	11.384	91	1275461	100.378	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	2703038	175.408	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.964	75	8423	4.690	ug/l #	67
82) 4-Chlorotoluene	11.451	91	297069	20.767	ug/l #	47
83) tert-Butylbenzene	11.756	119	1252732	80.434	ug/l #	63
84) 1,2,4-Trimethylbenzene	11.756	105	8366048	545.651	ug/l	85
85) sec-Butylbenzene	11.756	105	8366048	442.766	ug/l #	57
86) p-Isopropyltoluene	11.969	119	226844	14.410	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	1834	0.218	ug/l #	65
88) 1,4-Dichlorobenzene	12.043	146	2096	0.243	ug/l #	1
89) n-Butylbenzene	12.329	91	450308	32.653	ug/l #	29
90) Hexachloroethane	12.530	117	60269	22.596	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.920	75	4059	3.173	ug/l #	16
93) 1,2,4-Trichlorobenzene	13.591	180	3695	0.730	ug/l #	1
94) Hexachlorobutadiene	13.725	225	1484	0.628	ug/l	94
95) Naphthalene	13.774	128	634170	37.033	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	2693	0.517	ug/l #	1

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

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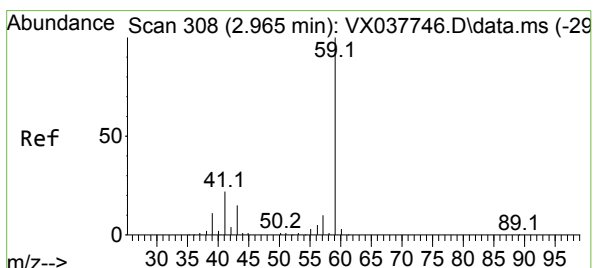
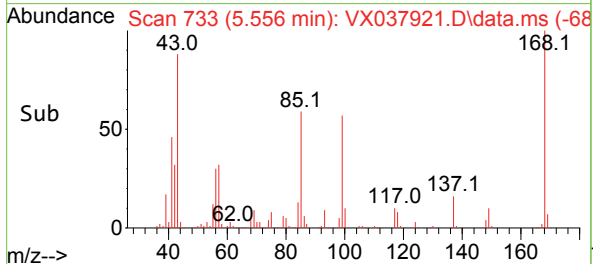
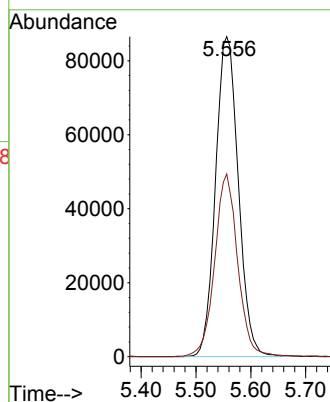
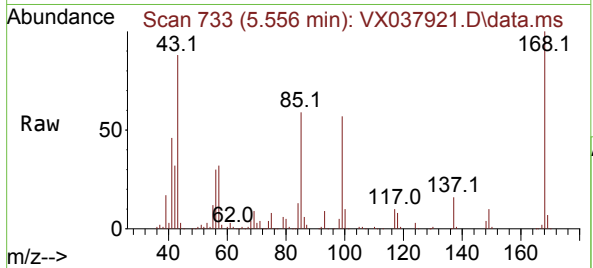




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

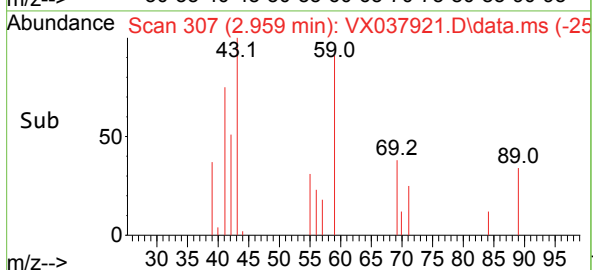
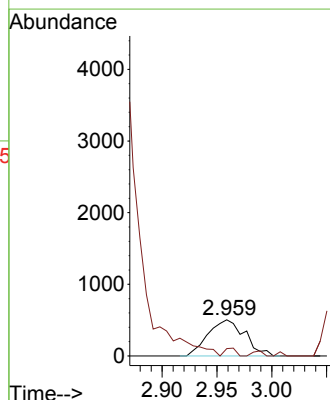
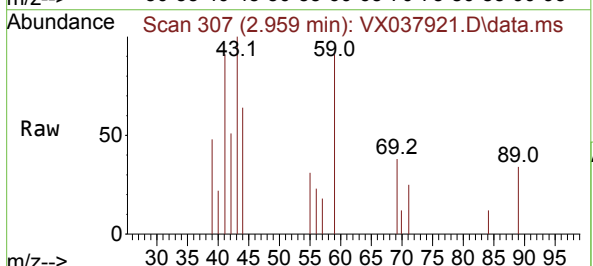
Instrument :
MSVOA_X
ClientSampleId :

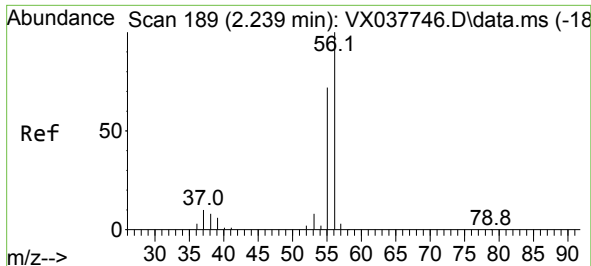
Tgt Ion:168 Resp: 249634
Ion Ratio Lower Upper
168 100
99 56.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.675 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Tgt Ion: 59 Resp: 1179
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 3.162 ug/l

RT: 2.215 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

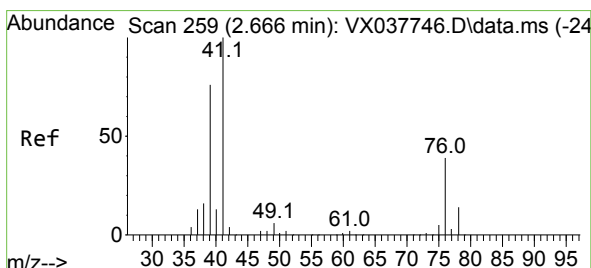
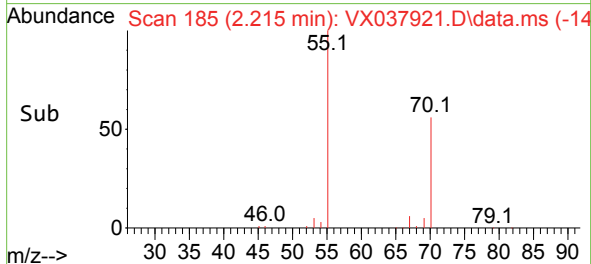
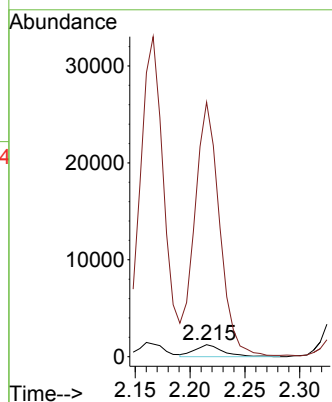
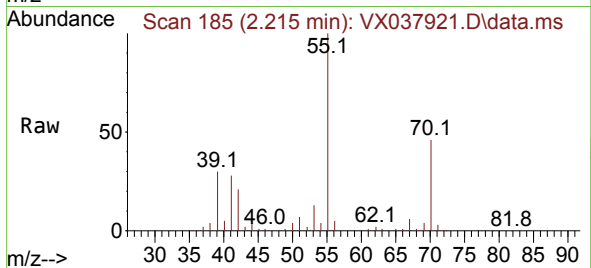
ClientSampleId :

Tgt Ion: 56 Resp: 2199

Ion Ratio Lower Upper

56 100

55 1868.4 57.1 85.7#



#14

Allyl chloride

Concen: 34.346 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.116 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

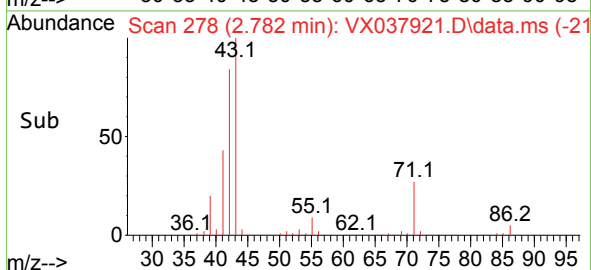
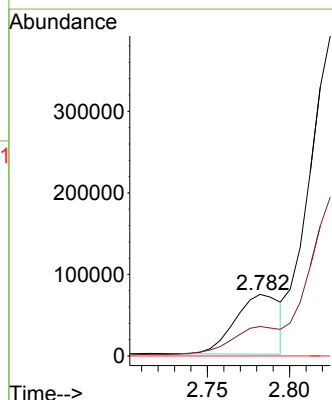
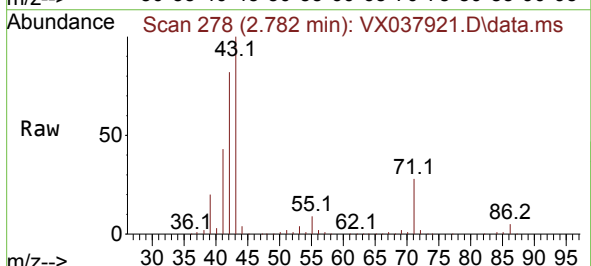
Tgt Ion: 41 Resp: 139315

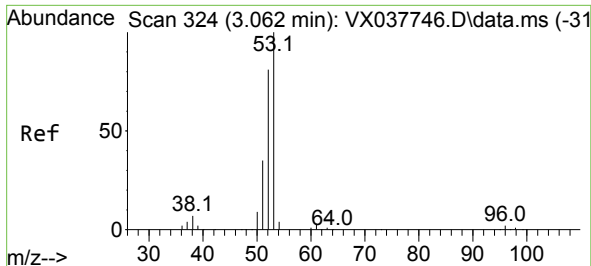
Ion Ratio Lower Upper

41 100

39 58.4 55.8 83.6

76 0.0 24.3 36.5#





#15

Acrylonitrile

Concen: 28.928 ug/l

RT: 3.099 min Scan# 31

Delta R.T. 0.030 min

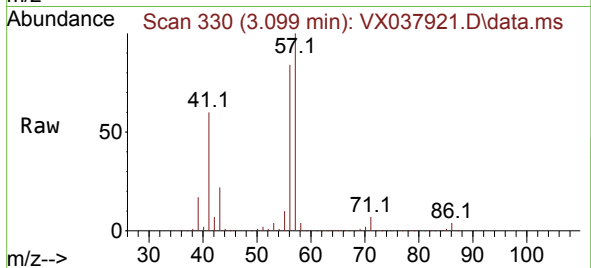
Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

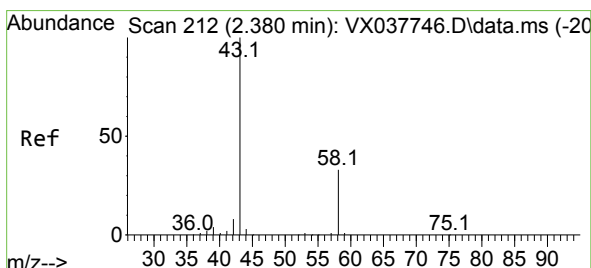
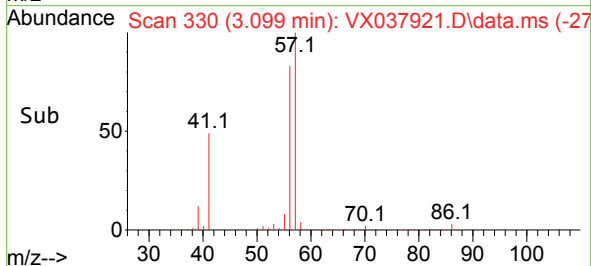
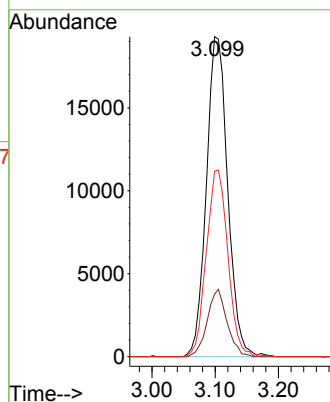
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	53	Resp:	45280
Ion	Ratio	Lower	Upper
53	100		
52	19.5	66.0	99.0#
51	59.0	29.8	44.6#



#16

Acetone

Concen: 26.114 ug/l

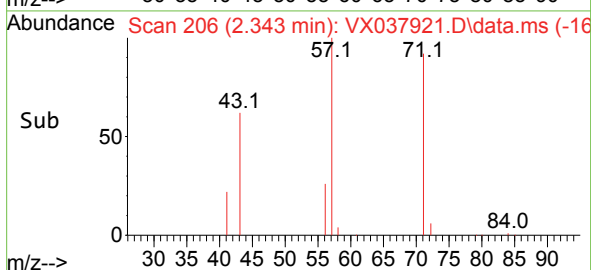
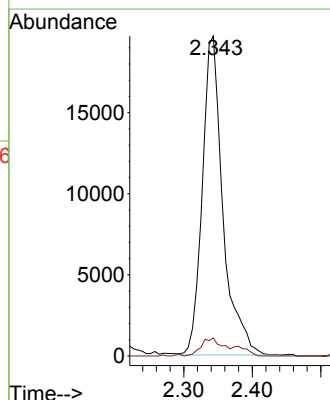
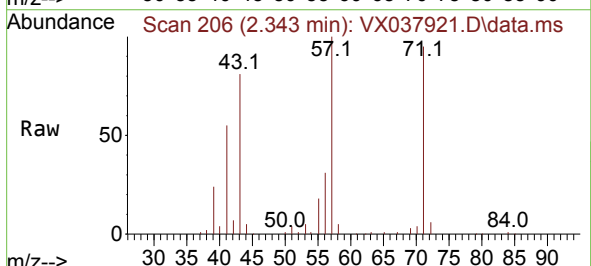
RT: 2.343 min Scan# 206

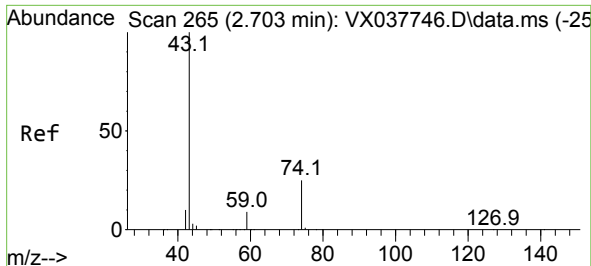
Delta R.T. -0.037 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Tgt Ion:	43	Resp:	41203
Ion	Ratio	Lower	Upper
43	100		
58	5.6	21.9	32.9#





#18

Methyl Acetate

Concen: 59.173 ug/l

RT: 2.782 min Scan# 21

Delta R.T. 0.079 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

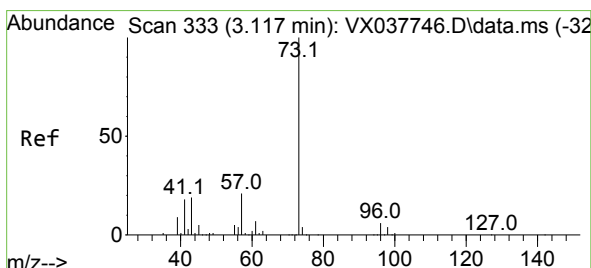
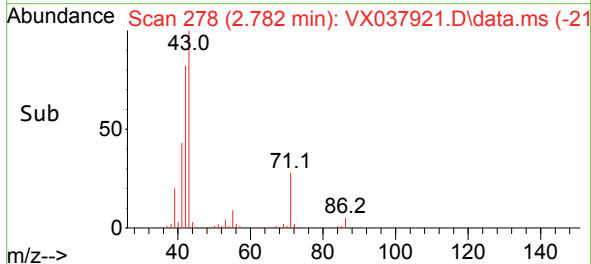
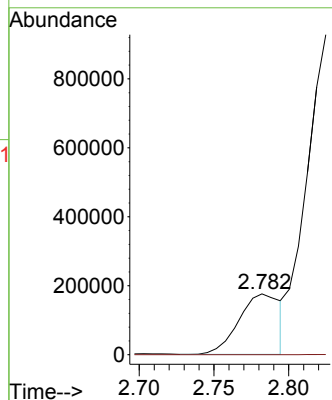
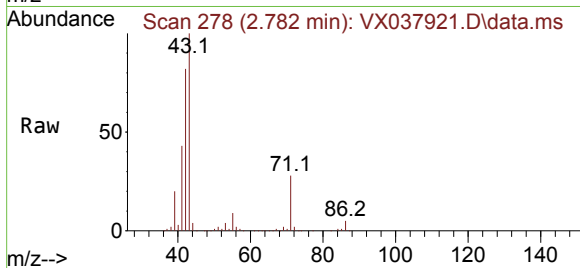
ClientSampleId :

Tgt Ion: 43 Resp: 336794

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#19

Methyl tert-butyl Ether

Concen: 0.930 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.006 min

Lab File: VX037921.D

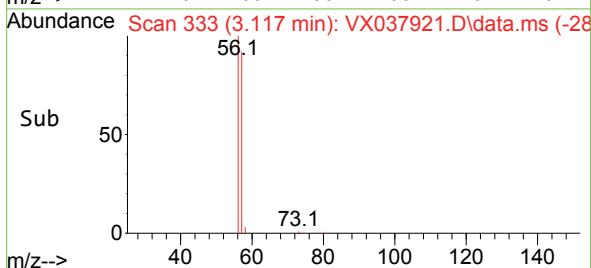
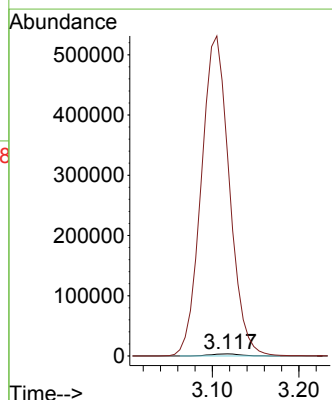
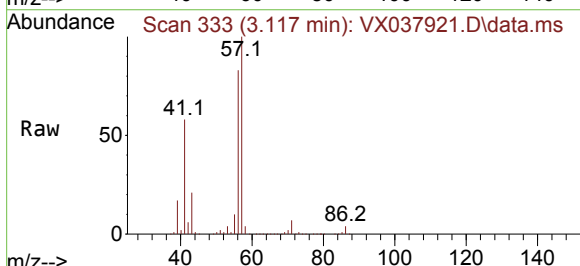
Acq: 27 Sep 2023 14:07

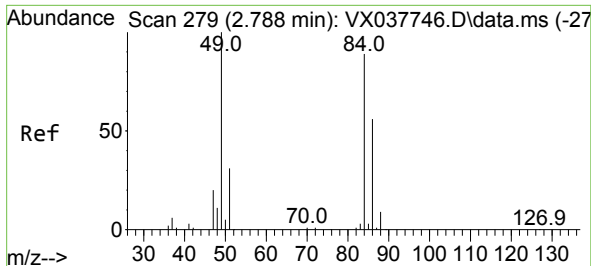
Tgt Ion: 73 Resp: 8328

Ion Ratio Lower Upper

73 100

57 9676.7 17.3 25.9#





#20

Methylene Chloride

Concen: 0.776 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

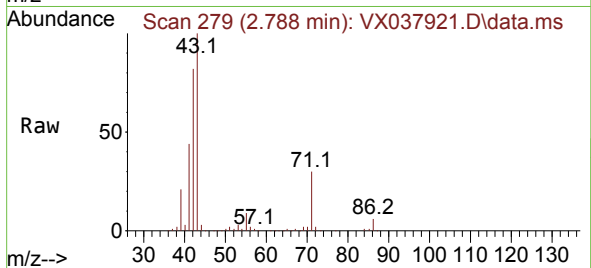
Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 2337

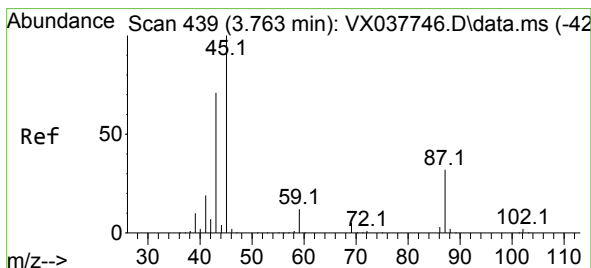
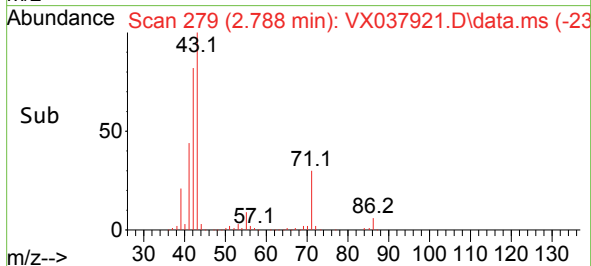
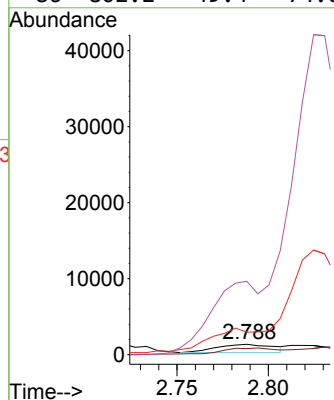
Ion Ratio Lower Upper

84 100

49 64.8 103.6 155.4#

51 210.3 33.8 50.6#

86 802.2 49.4 74.0#



#22

Diisopropyl ether

Concen: 1.548 ug/l

RT: 3.764 min Scan# 439

Delta R.T. 0.006 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Tgt Ion: 45 Resp: 13076

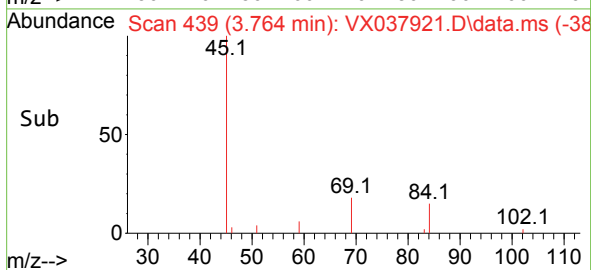
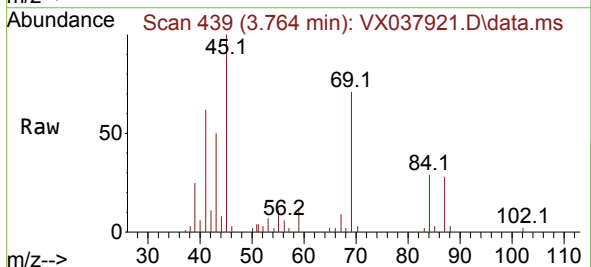
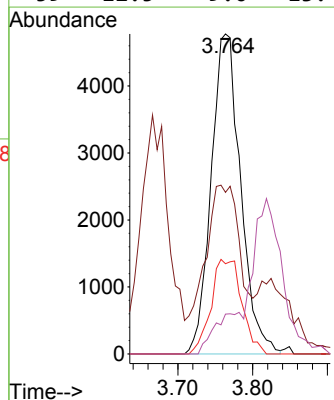
Ion Ratio Lower Upper

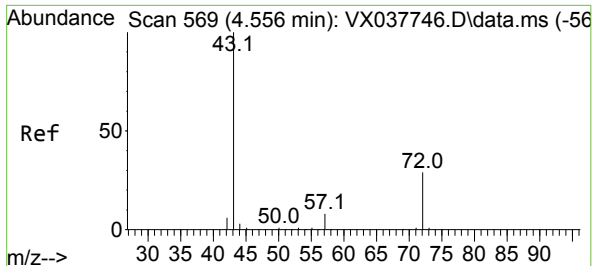
45 100

43 31.8 69.7 104.5#

87 28.2 20.8 31.2

59 12.5 9.0 13.4





#25

2-Butanone

Concen: 7.459 ug/l

RT: 4.452 min Scan# 51

Delta R.T. -0.116 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

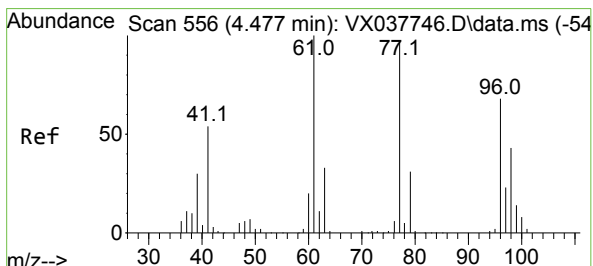
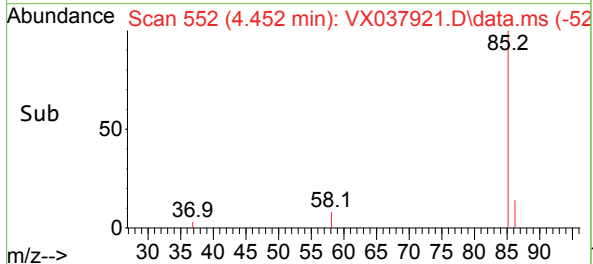
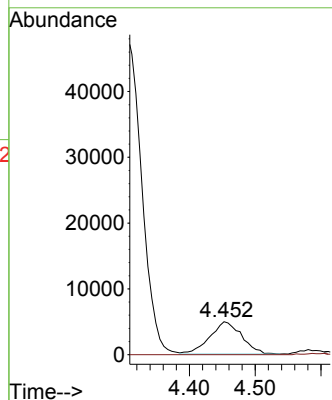
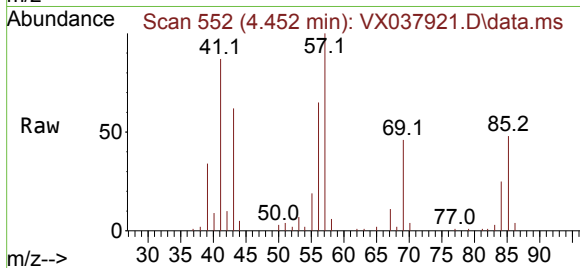
ClientSampleId :

Tgt Ion: 43 Resp: 16607

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 3.116 ug/l

RT: 4.312 min Scan# 529

Delta R.T. -0.165 min

Lab File: VX037921.D

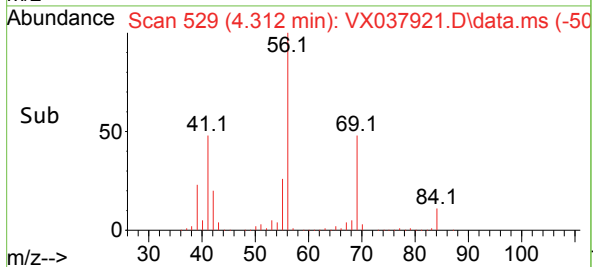
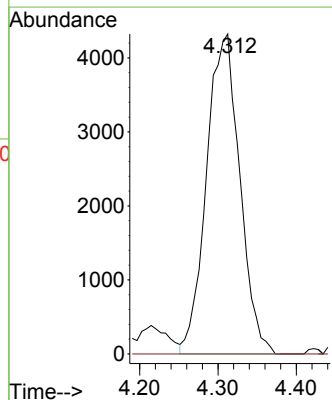
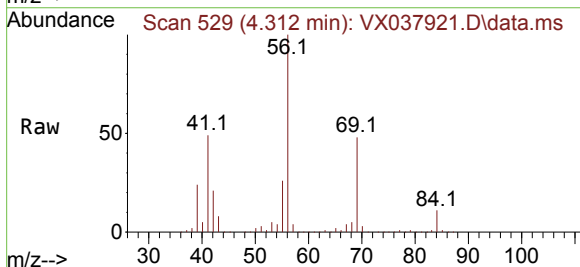
Acq: 27 Sep 2023 14:07

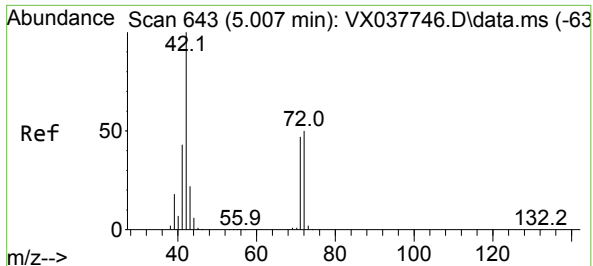
Tgt Ion: 77 Resp: 12749

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#





#29

Tetrahydrofuran

Concen: 4.968 ug/l

RT: 5.129 min Scan# 60

Delta R.T. 0.116 min

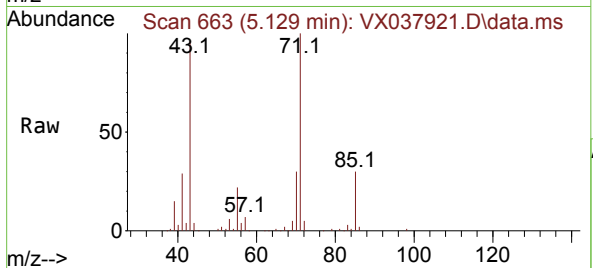
Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :



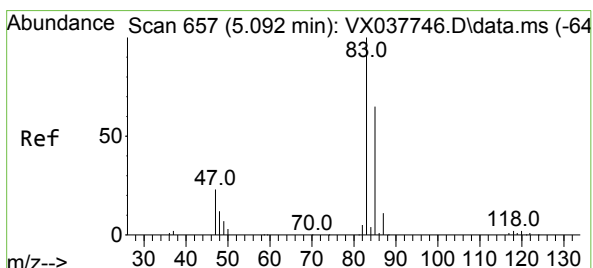
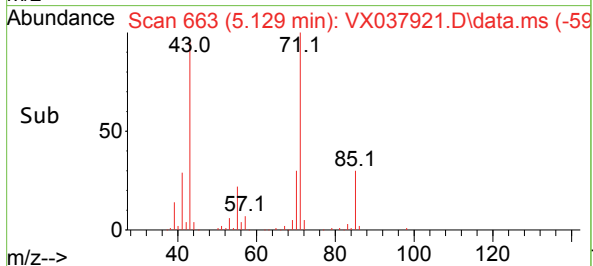
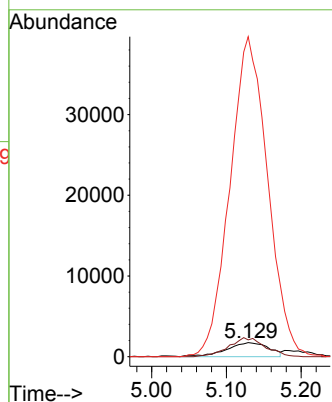
Tgt Ion: 42 Resp: 6881

Ion Ratio Lower Upper

42 100

72 116.3 34.2 51.4#

71 2022.1 32.2 48.2#



#30

Chloroform

Concen: 3.511 ug/l

RT: 5.166 min Scan# 669

Delta R.T. 0.073 min

Lab File: VX037921.D

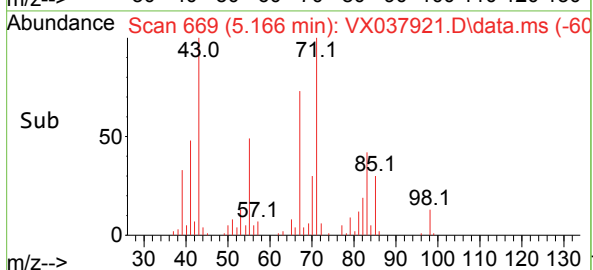
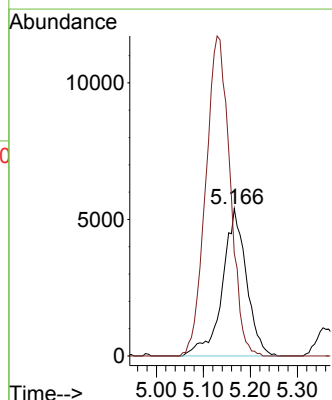
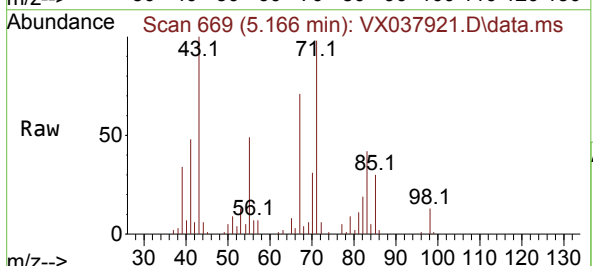
Acq: 27 Sep 2023 14:07

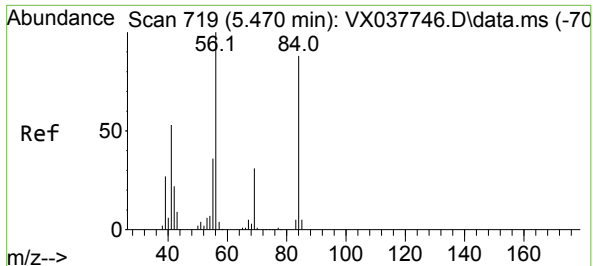
Tgt Ion: 83 Resp: 19151

Ion Ratio Lower Upper

83 100

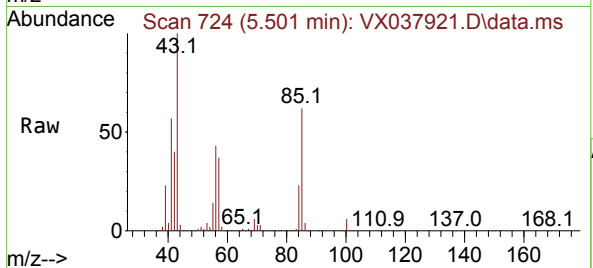
85 69.5 50.3 75.5



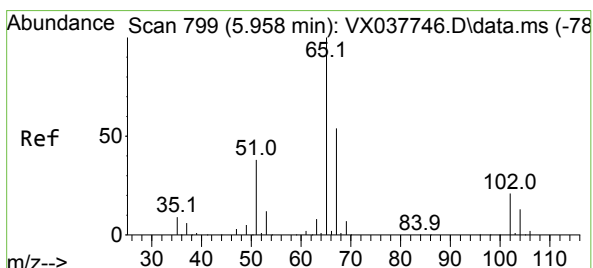
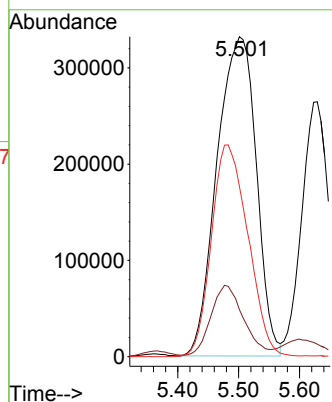
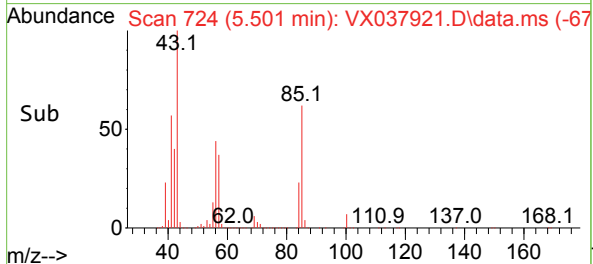


#31
Cyclohexane
Concen: 353.533 ug/l
RT: 5.501 min Scan# 719
Delta R.T. 0.031 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :

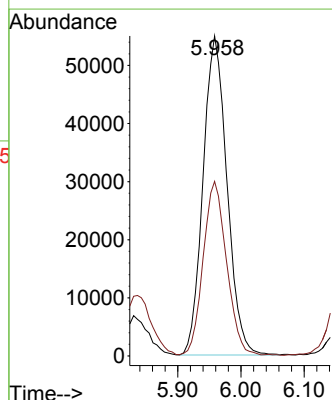
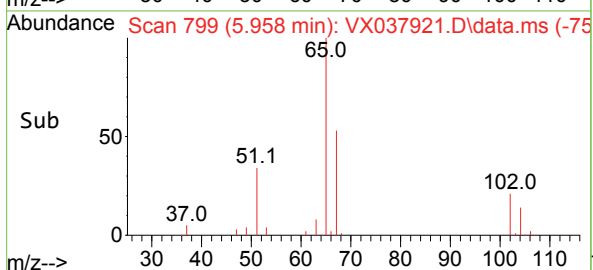
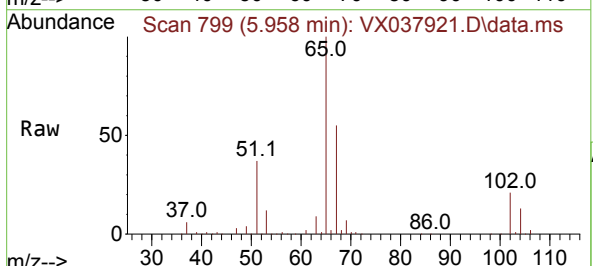


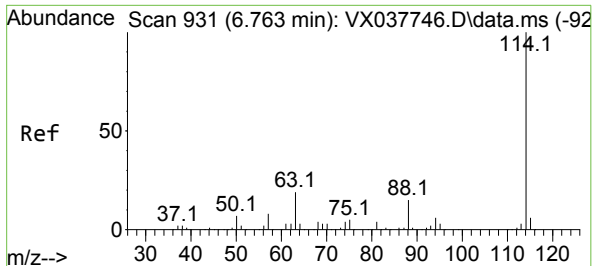
Tgt Ion: 56 Resp: 1488244
Ion Ratio Lower Upper
56 100
69 14.2 23.4 35.2#
84 53.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.043 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Tgt Ion: 65 Resp: 144453
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

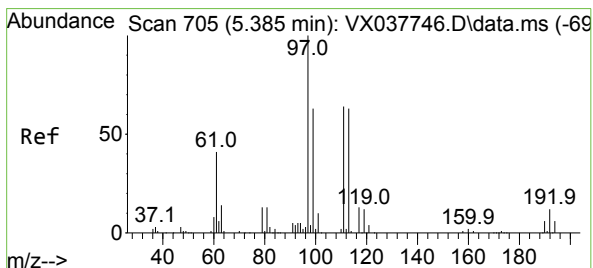
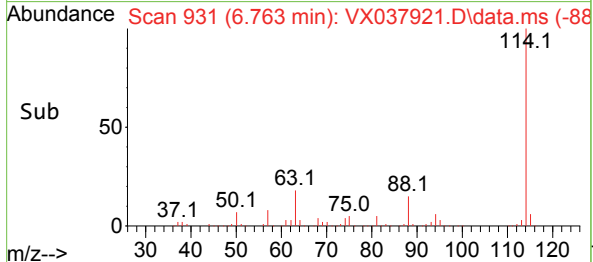
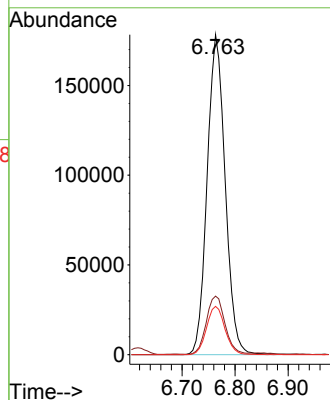
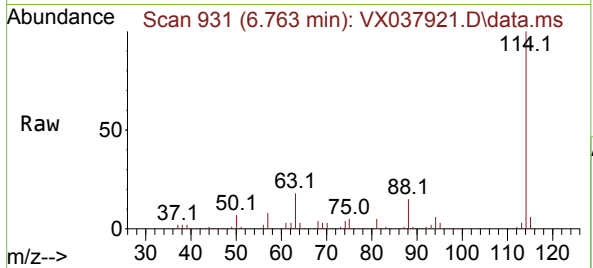




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

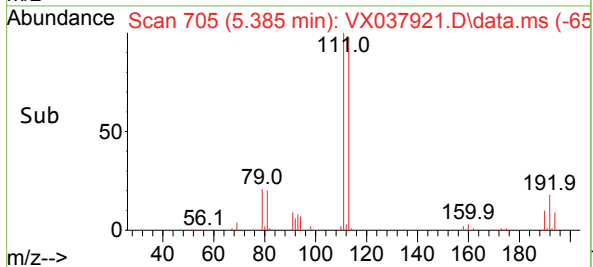
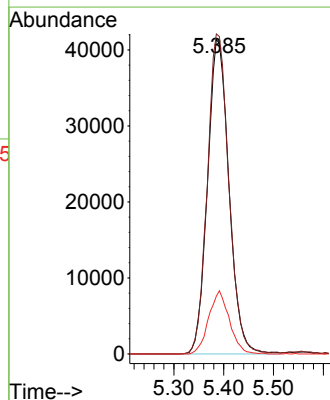
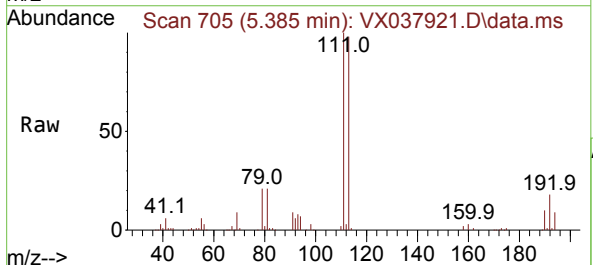
Instrument :
MSVOA_X
ClientSampleId :

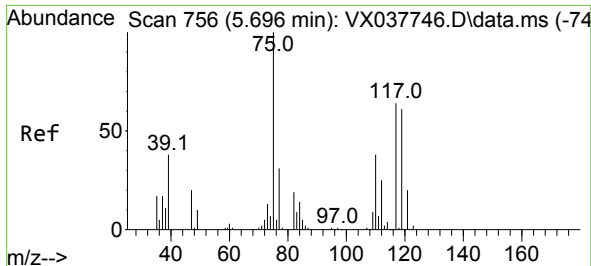
Tgt Ion:114 Resp: 421220
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.889 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

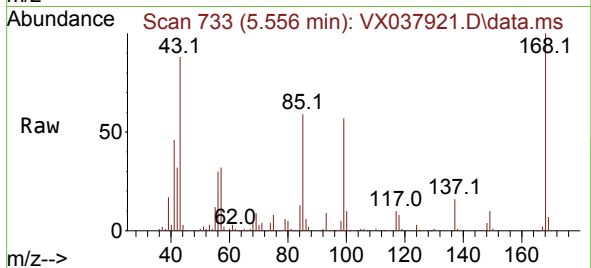
Tgt Ion:113 Resp: 123696
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 19.4 13.3 19.9



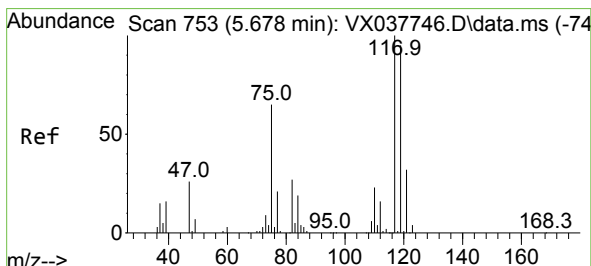
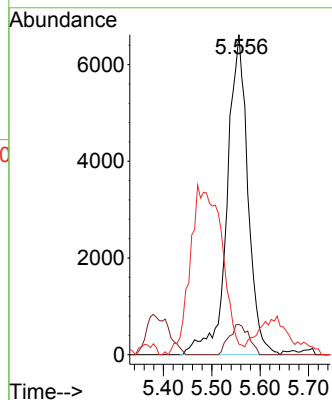
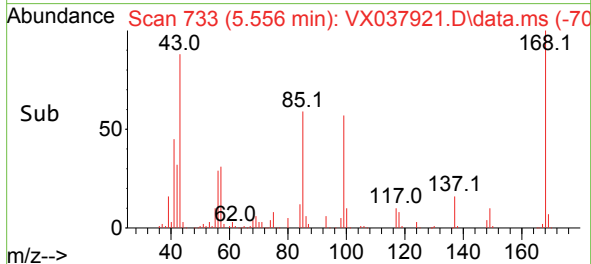


#36
1,1-Dichloropropene
Concen: 5.077 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

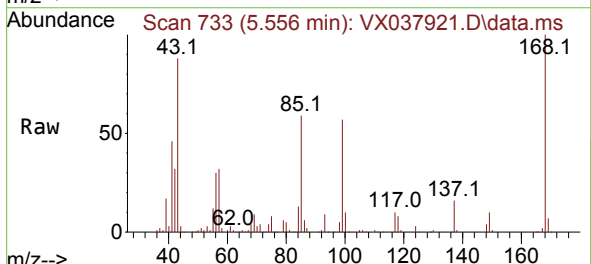
Instrument :
MSVOA_X
ClientSampleId :



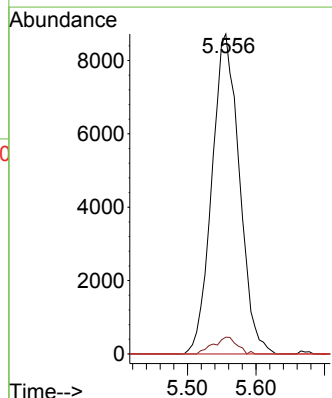
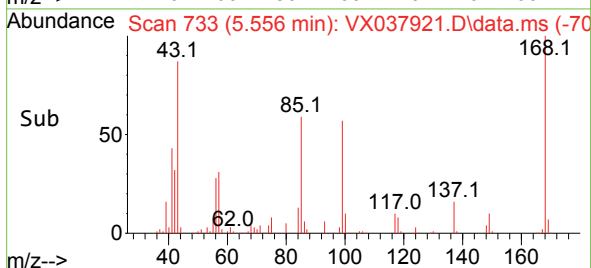
Tgt Ion: 75 Resp: 19713
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#

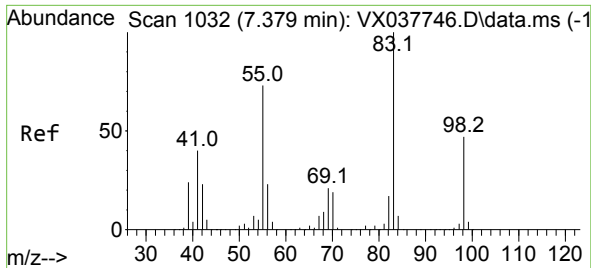


#38
Carbon Tetrachloride
Concen: 5.984 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07



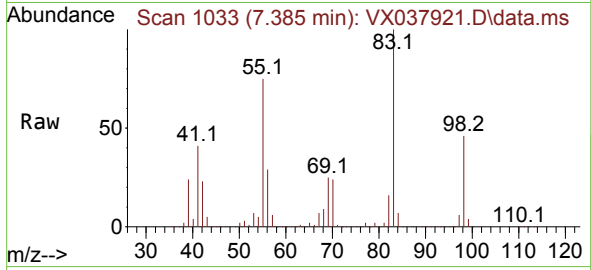
Tgt Ion: 117 Resp: 24307
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



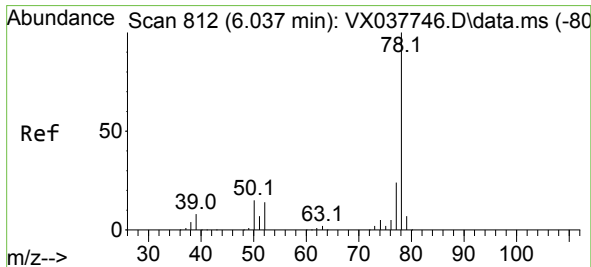
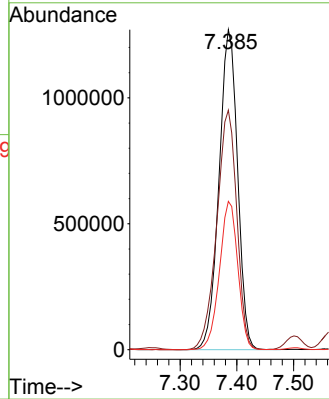
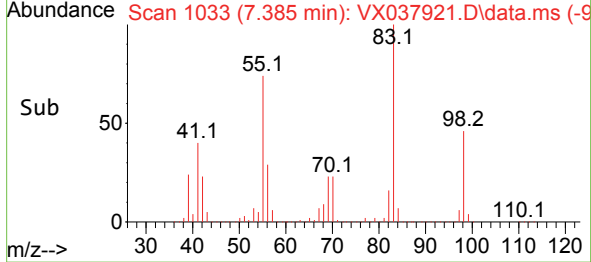


#39
Methylcyclohexane
Concen: 585.380 ug/l
RT: 7.385 min Scan# 10
Delta R.T. 0.006 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :

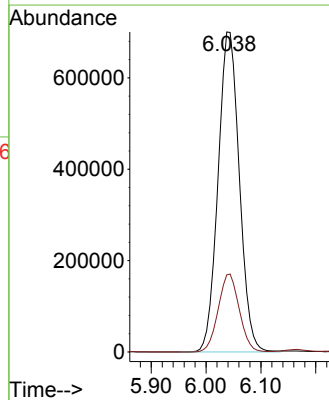
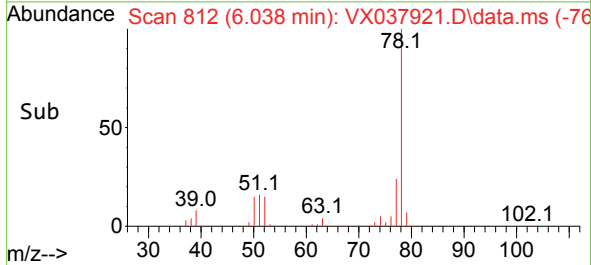
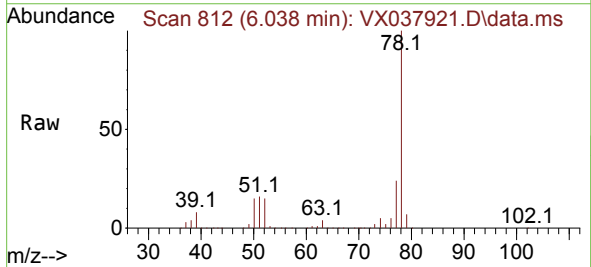


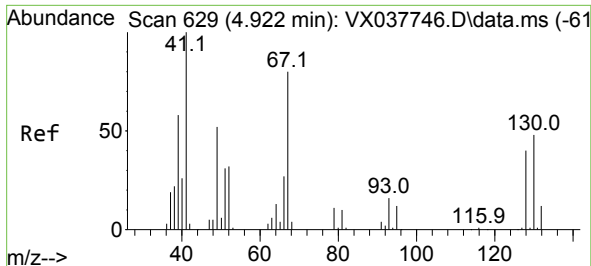
Tgt Ion: 83 Resp: 2884495
Ion Ratio Lower Upper
83 100
55 74.8 64.6 97.0
98 46.4 36.7 55.1



#40
Benzene
Concen: 158.398 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Tgt Ion: 78 Resp: 1891144
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

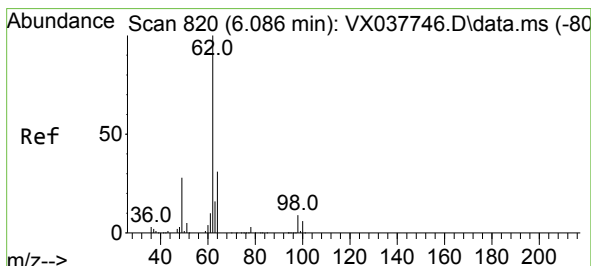
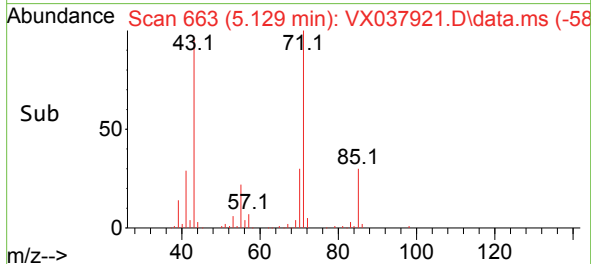
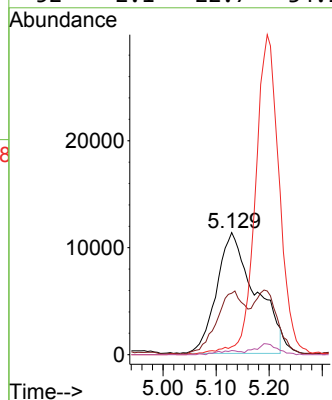
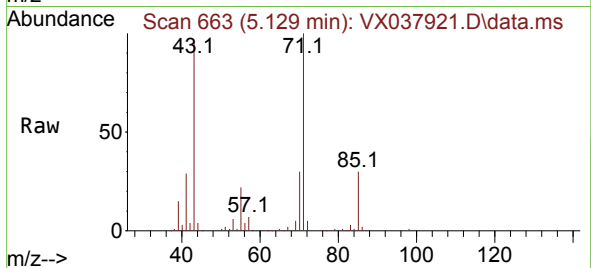




#41
Methacrylonitrile
Concen: 26.231 ug/l
RT: 5.129 min Scan# 60
Delta R.T. 0.183 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

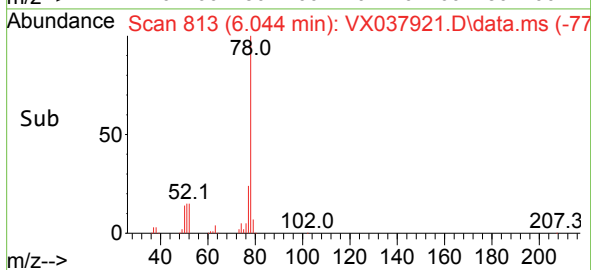
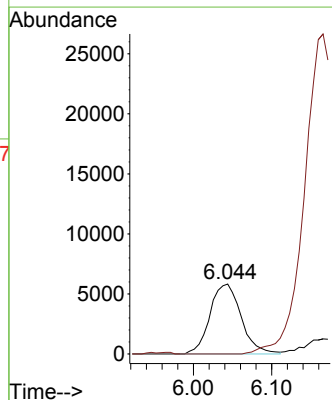
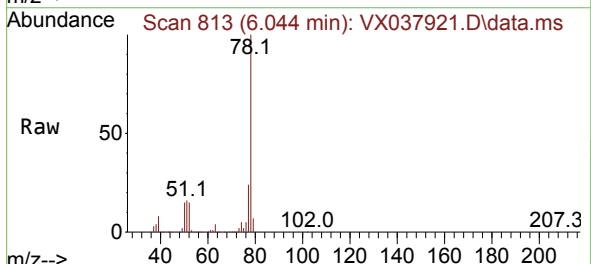
Instrument :
MSVOA_X
ClientSampleId :

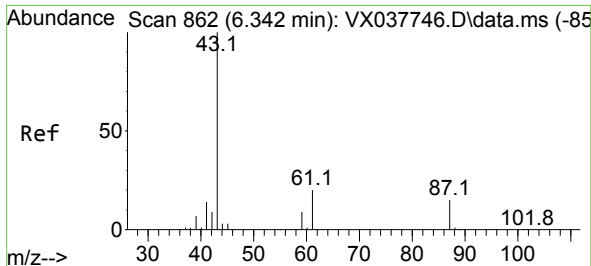
Tgt Ion: 41 Resp: 57087
Ion Ratio Lower Upper
41 100
39 37.8 45.2 67.8#
67 0.0 52.6 78.8#
52 2.1 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 3.738 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.055 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Tgt Ion: 62 Resp: 16129
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 6.740 ug/l

RT: 6.361 min Scan# 80

Delta R.T. 0.018 min

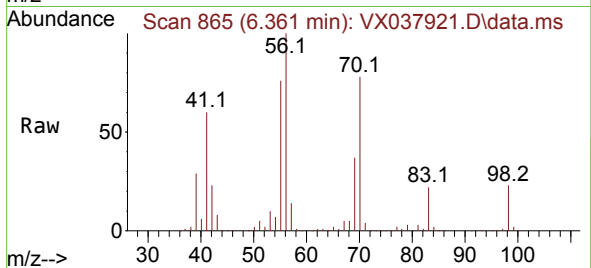
Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

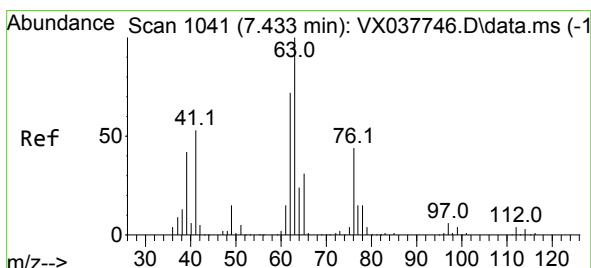
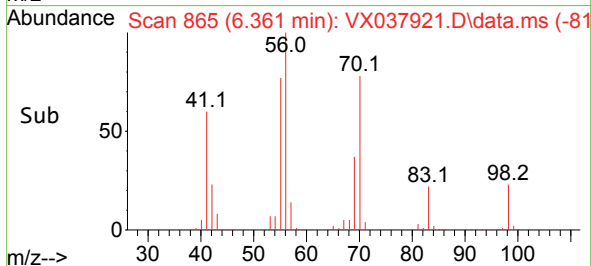
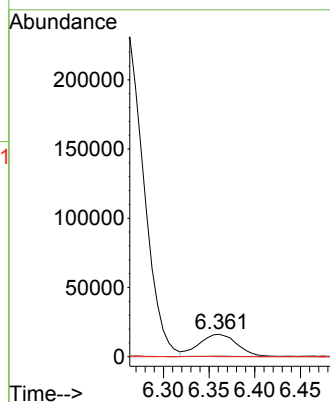
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	45997
Ion Ratio	Lower	Upper	
43	100		
61	2.0	15.2	22.8#
87	0.0	9.8	14.6#



#45

1,2-Dichloropropane

Concen: 9.614 ug/l

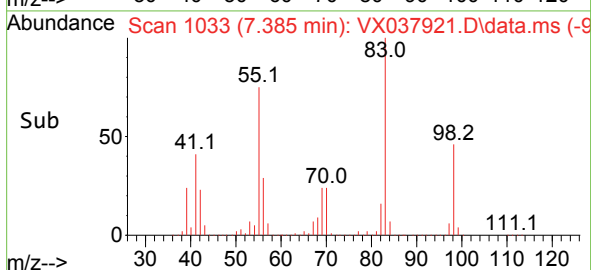
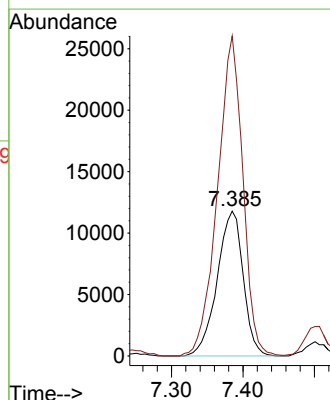
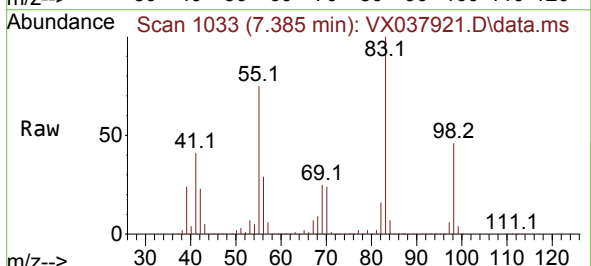
RT: 7.385 min Scan# 1033

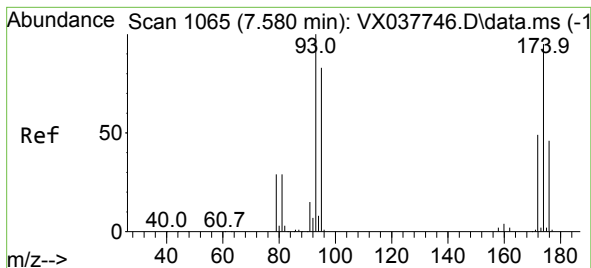
Delta R.T. -0.049 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Tgt Ion:	63	Resp:	29809
Ion Ratio	Lower	Upper	
63	100		
65	220.9	24.3	36.5#





#46

Dibromomethane

Concen: 0.434 ug/l

RT: 7.556 min Scan# 1061

Delta R.T. -0.024 min

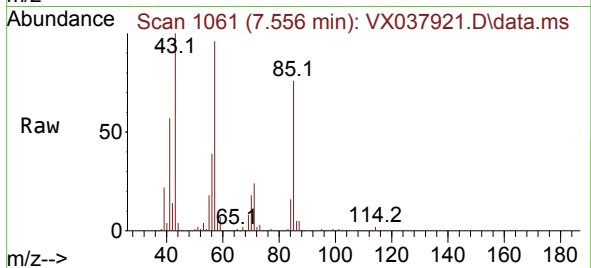
Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

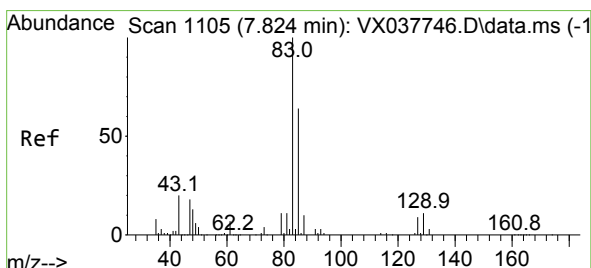
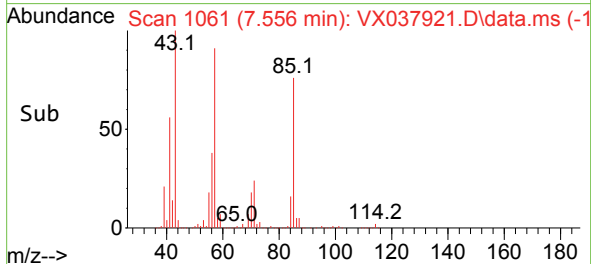
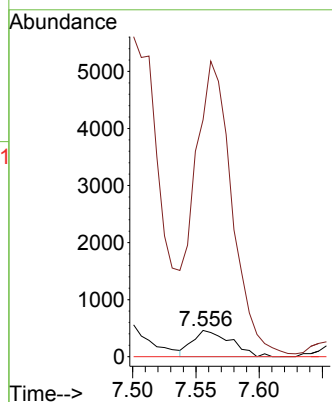
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	93	Resp:	967
Ion Ratio	Lower	Upper	
93	100		
95	1073.5	66.6	100.0#
174	0.0	69.4	104.0#



#47

Bromodichloromethane

Concen: 9.144 ug/l

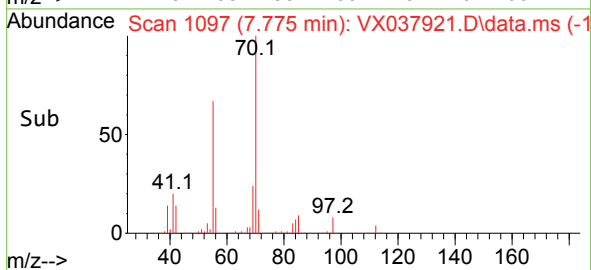
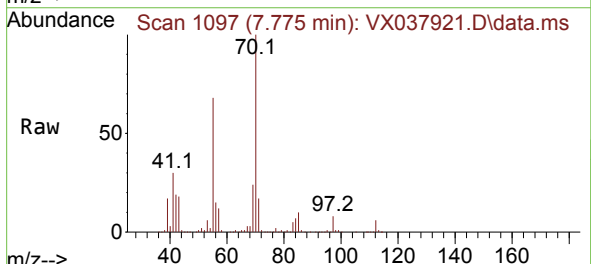
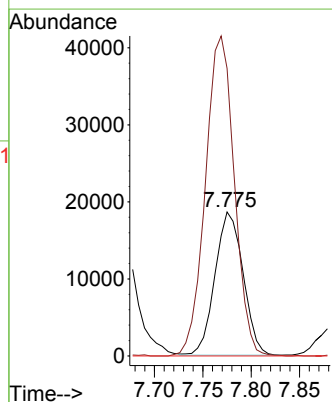
RT: 7.775 min Scan# 1097

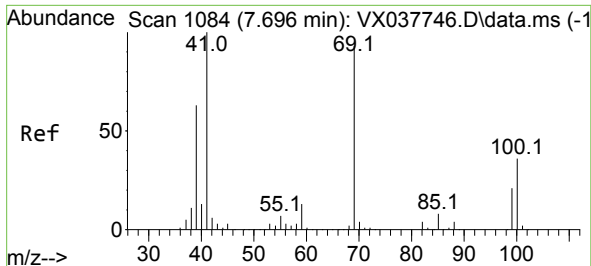
Delta R.T. -0.049 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

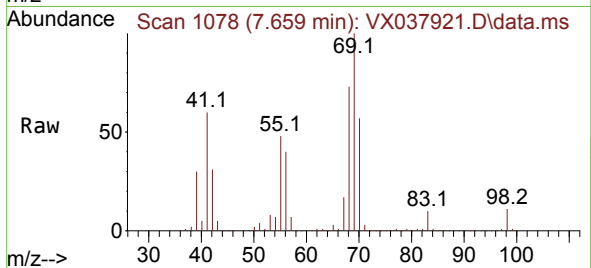
Tgt Ion:	83	Resp:	37559
Ion Ratio	Lower	Upper	
83	100		
85	200.1	49.8	74.6#
127	0.0	7.1	10.7#



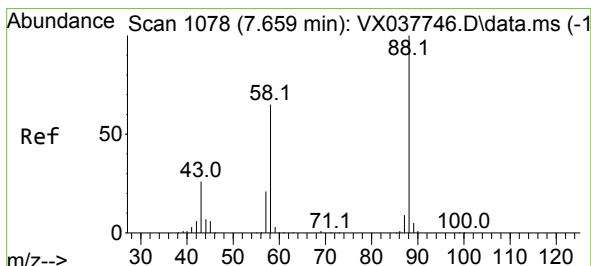
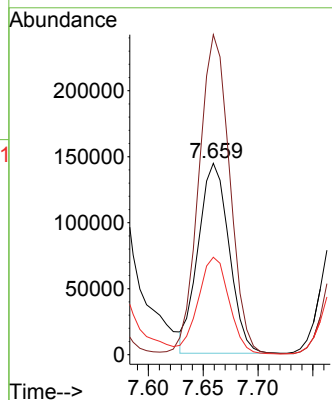
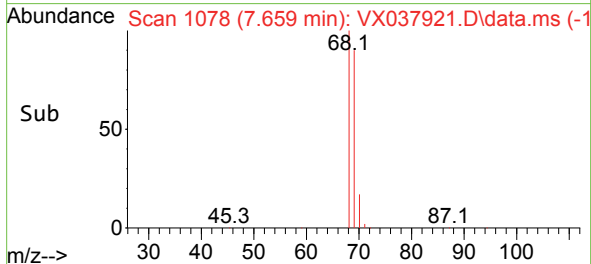


#48
Methyl methacrylate
Concen: 86.203 ug/l
RT: 7.659 min Scan# 1065
Delta R.T. -0.043 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

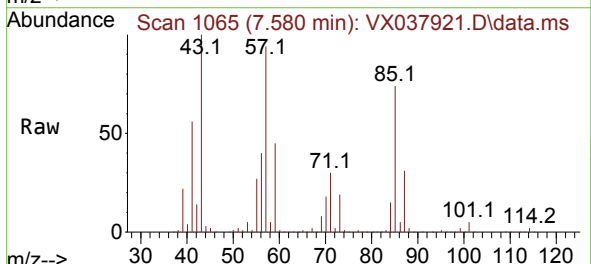
Instrument :
MSVOA_X
ClientSampleId :



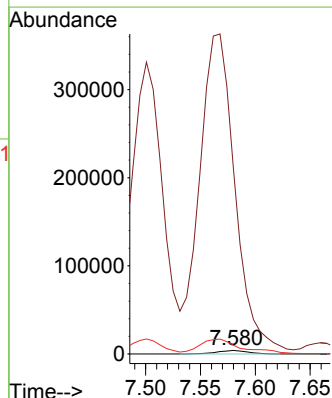
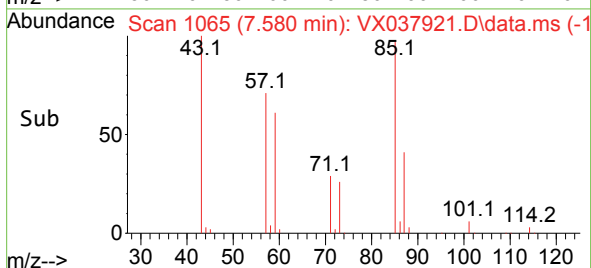
Tgt Ion: 41 Resp: 281248
Ion Ratio Lower Upper
41 100
69 168.1 59.2 88.8#
39 51.7 47.7 71.5

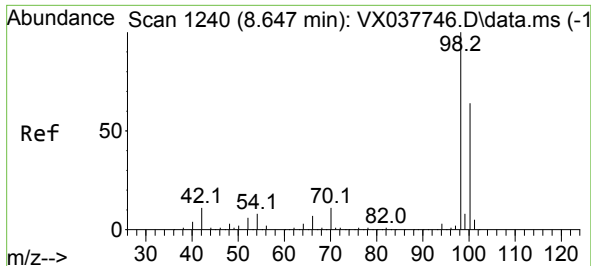


#49
1,4-Dioxane
Concen: 89.239 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.091 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07



Tgt Ion: 88 Resp: 7633
Ion Ratio Lower Upper
88 100
43 10713.5 0.0 0.0#
58 575.4 60.1 90.1#

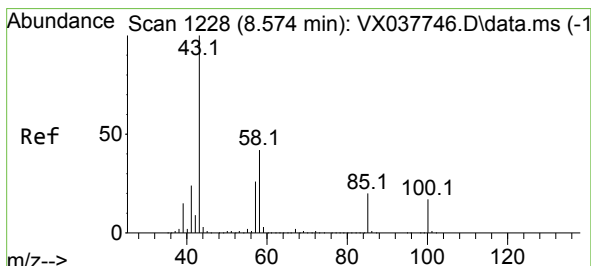
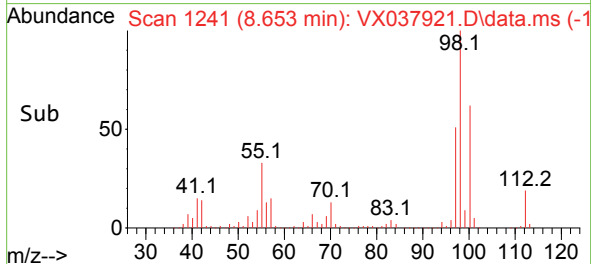
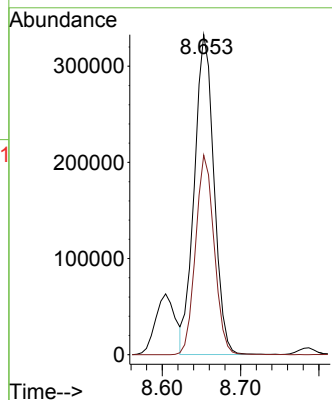
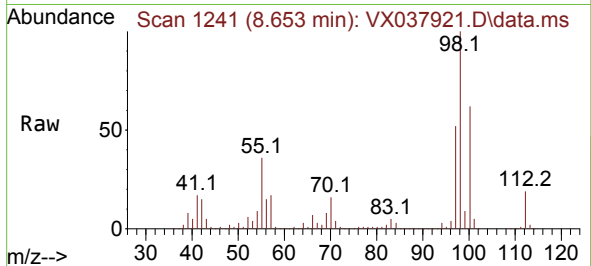




#50
Toluene-d8
Concen: 55.157 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

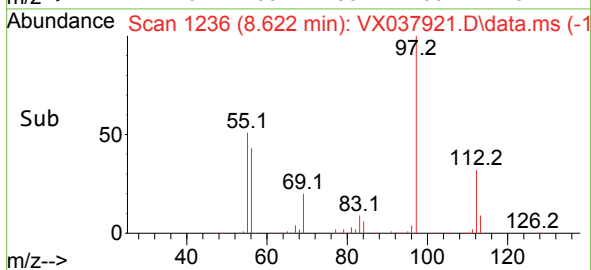
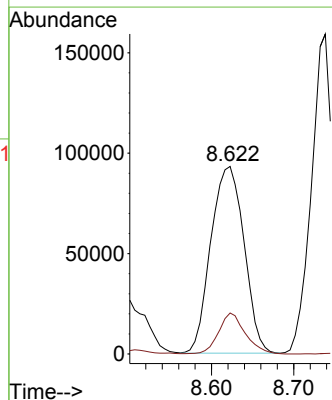
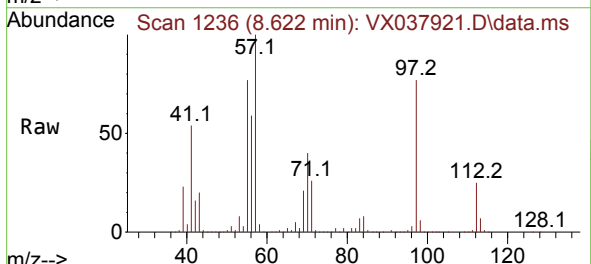
Instrument :
MSVOA_X
ClientSampleId :

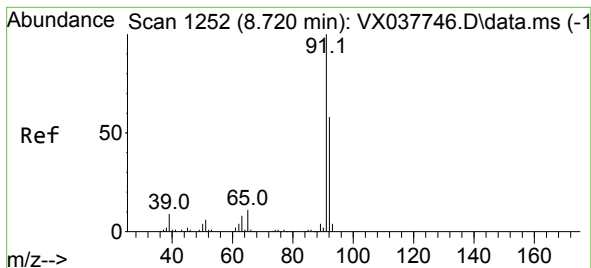
Tgt Ion: 98 Resp: 577606
Ion Ratio Lower Upper
98 100
100 59.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 60.312 ug/l
RT: 8.622 min Scan# 1236
Delta R.T. 0.049 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Tgt Ion: 43 Resp: 261161
Ion Ratio Lower Upper
43 100
58 17.6 30.4 45.6#





#52

Toluene

Concen: 2462.231 ug/l

RT: 8.732 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

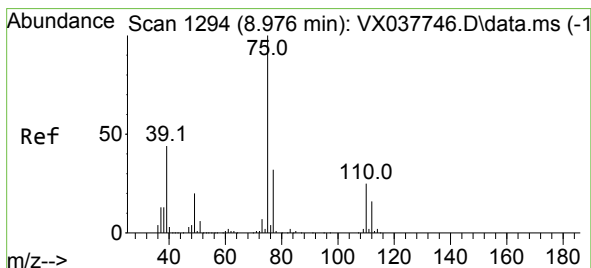
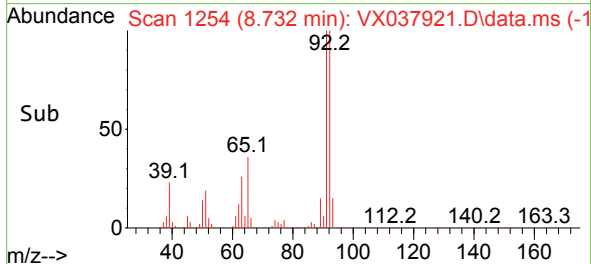
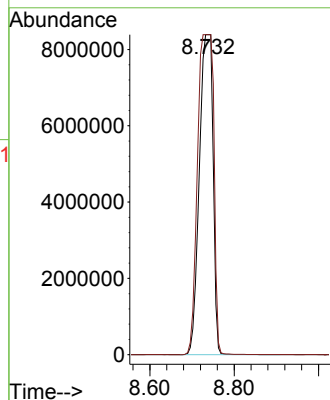
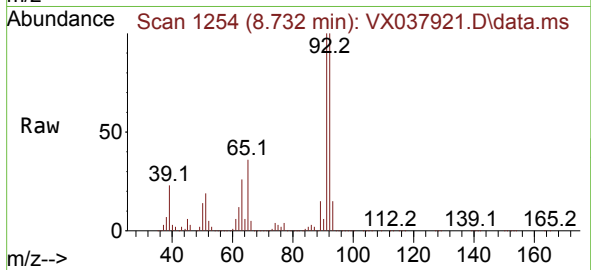
ClientSampleId :

Tgt Ion: 92 Resp:18945707

Ion Ratio Lower Upper

92 100

91 118.5 134.2 201.2#



#53

t-1,3-Dichloropropene

Concen: 86.436 ug/l

RT: 8.738 min Scan# 1255

Delta R.T. -0.250 min

Lab File: VX037921.D

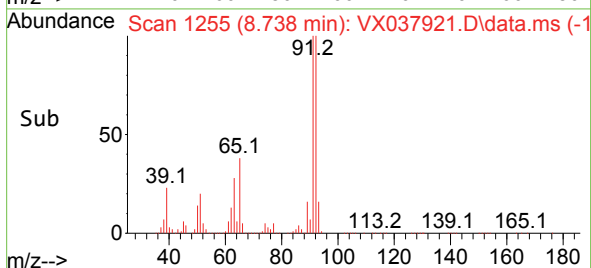
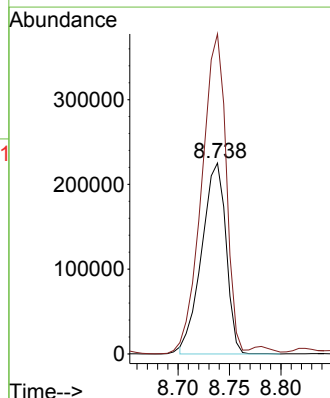
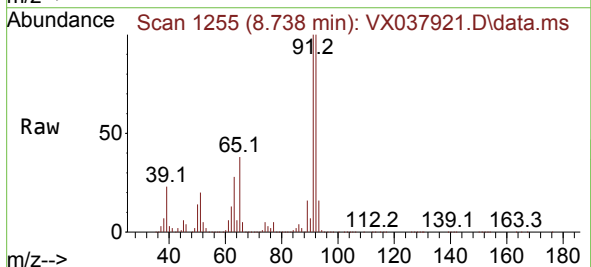
Acq: 27 Sep 2023 14:07

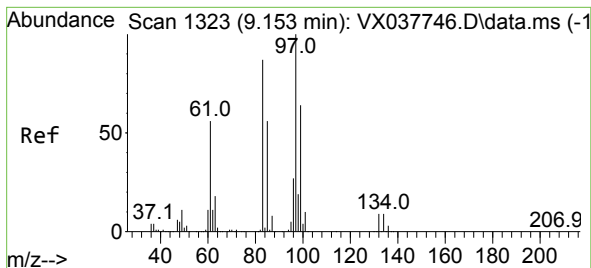
Tgt Ion: 75 Resp: 371248

Ion Ratio Lower Upper

75 100

77 166.7 25.7 38.5#





#55

1,1,2-Trichloroethane

Concen: 278.449 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.049 min

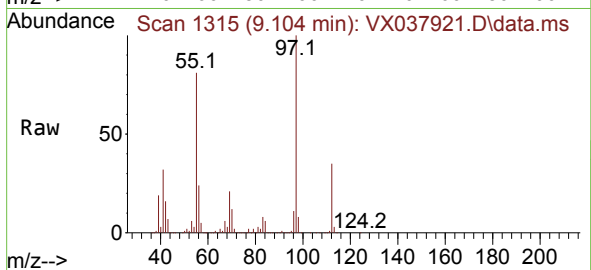
Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 97 Resp: 903323

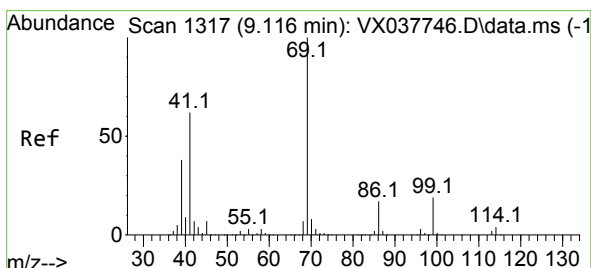
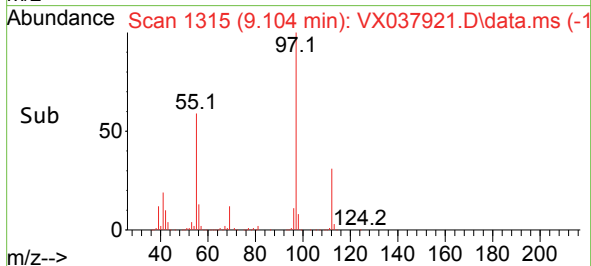
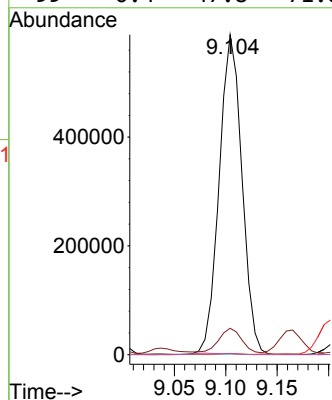
Ion Ratio Lower Upper

97 100

83 7.3 65.8 98.8#

85 0.4 41.6 62.4#

99 0.4 47.8 71.8#



#56

Ethyl methacrylate

Concen: 40.807 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.018 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

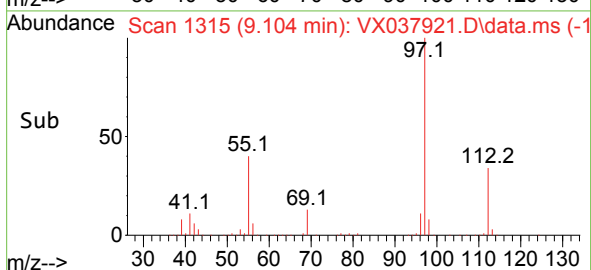
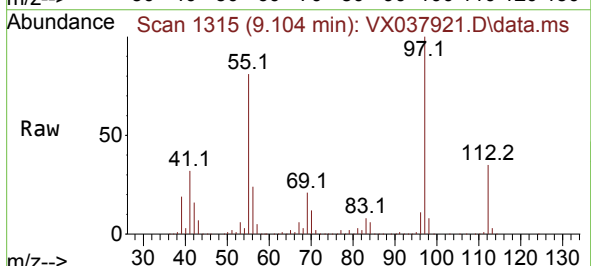
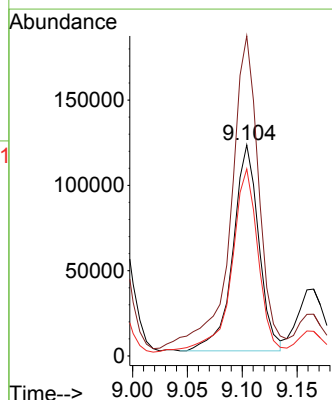
Tgt Ion: 69 Resp: 197631

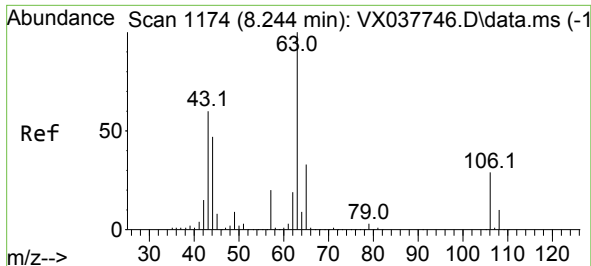
Ion Ratio Lower Upper

69 100

41 164.3 56.8 85.2#

39 91.8 32.0 48.0#

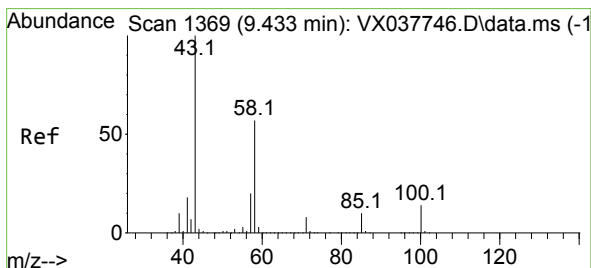
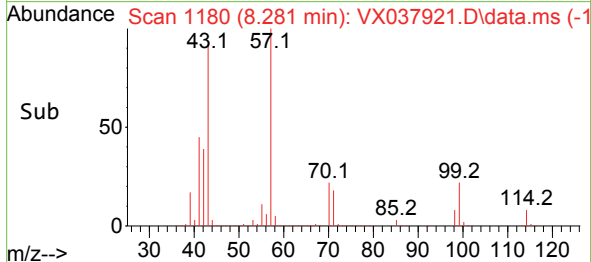
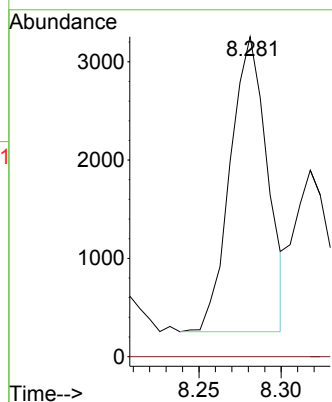
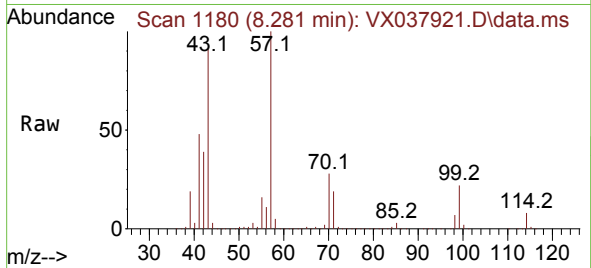




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.080 ug/l
 RT: 8.281 min Scan# 1180
 Delta R.T. 0.037 min
 Lab File: VX037921.D
 Acq: 27 Sep 2023 14:07

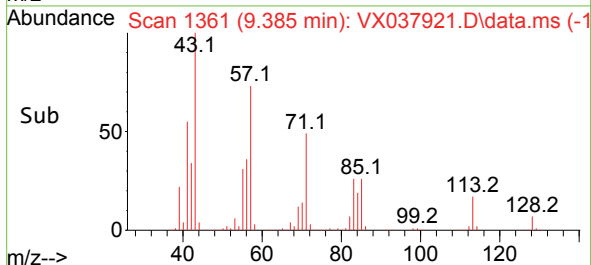
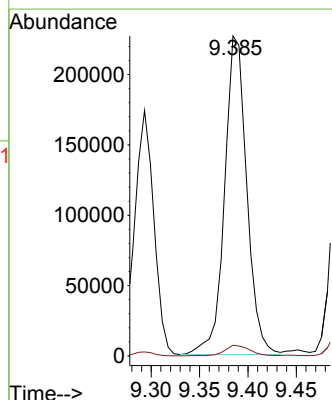
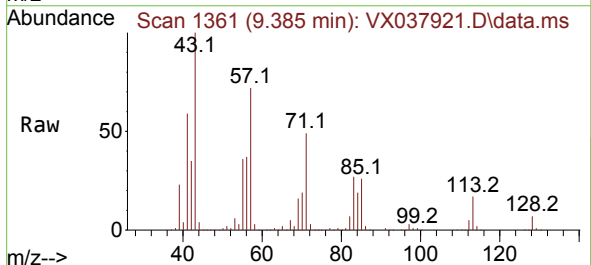
Instrument :
 MSVOA_X
 ClientSampleId :

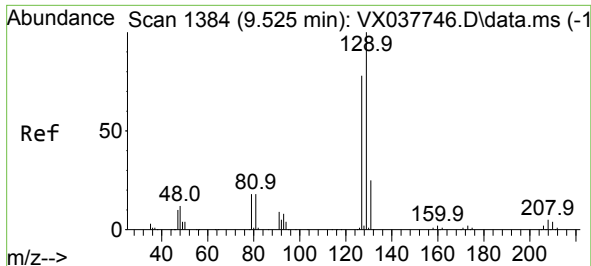
Tgt Ion: 63 Resp: 4705
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.5 33.7#



#59
 2-Hexanone
 Concen: 107.099 ug/l
 RT: 9.385 min Scan# 1361
 Delta R.T. -0.049 min
 Lab File: VX037921.D
 Acq: 27 Sep 2023 14:07

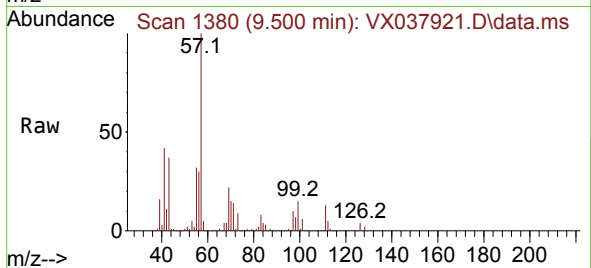
Tgt Ion: 43 Resp: 361080
 Ion Ratio Lower Upper
 43 100
 58 3.8 26.2 78.5#



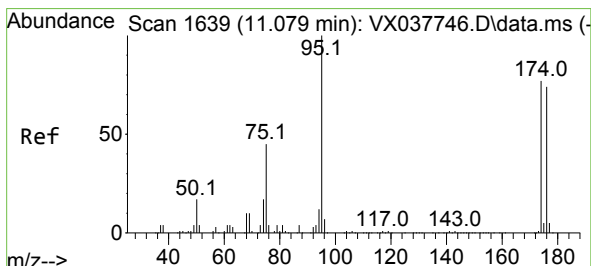
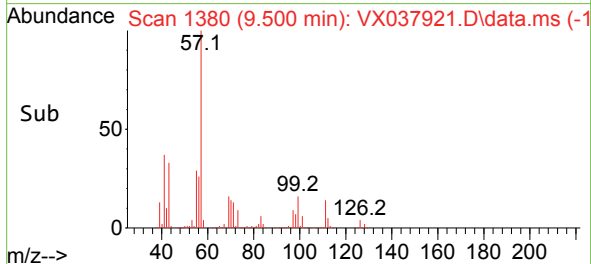
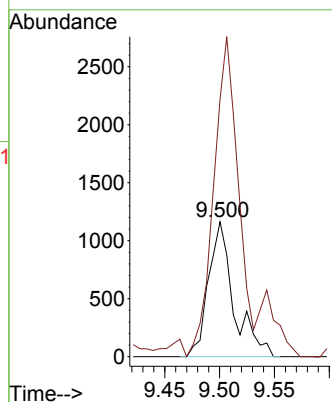


#60
Dibromochloromethane
Concen: 0.577 ug/l
RT: 9.500 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :

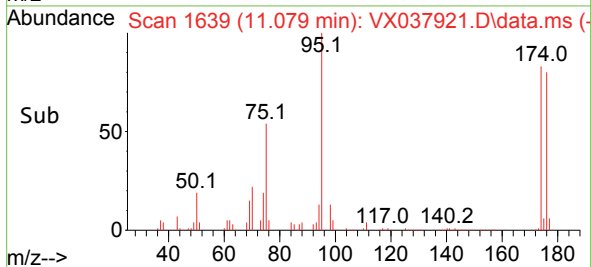
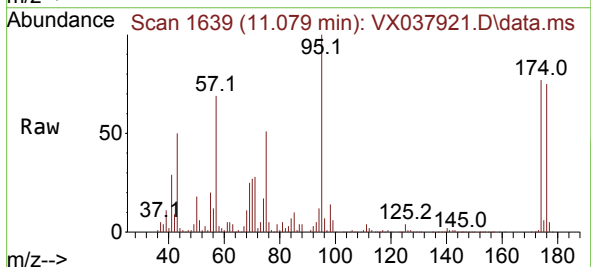
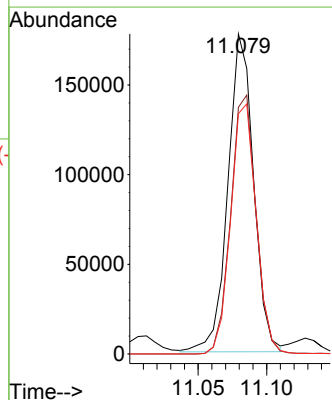


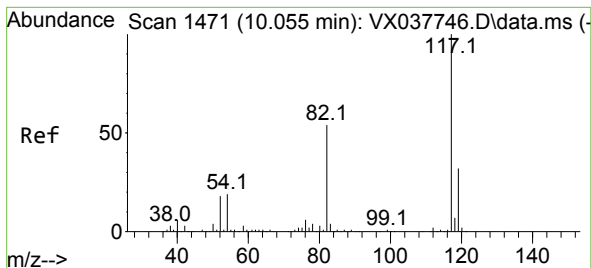
Tgt Ion:129 Resp: 1865
Ion Ratio Lower Upper
129 100
127 229.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 60.662 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

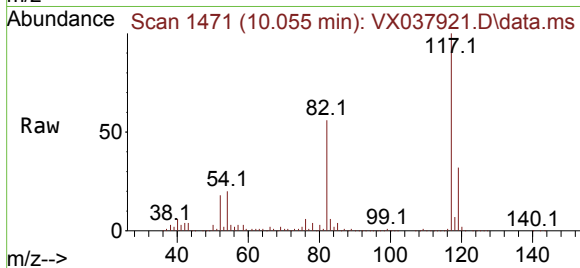
Tgt Ion: 95 Resp: 230841
Ion Ratio Lower Upper
95 100
174 81.0 0.0 135.6
176 78.7 0.0 131.0



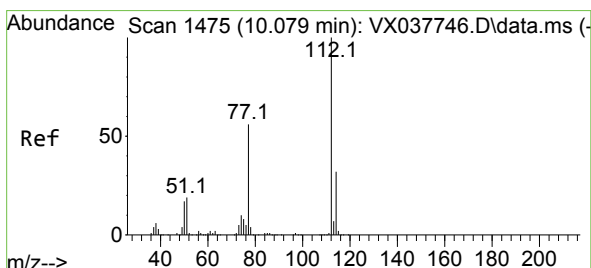
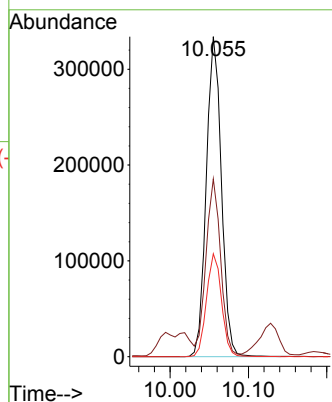
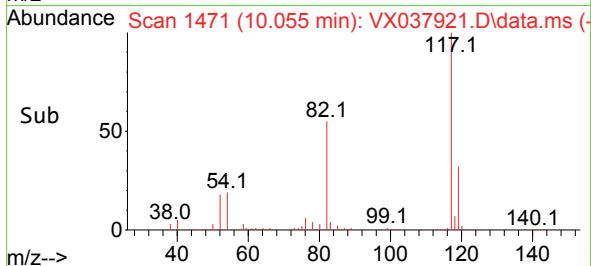


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :

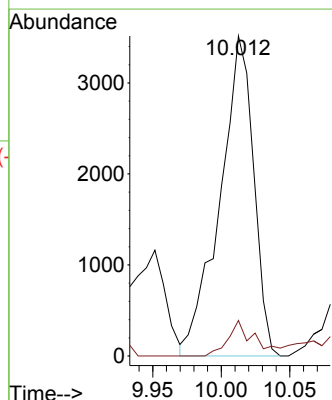
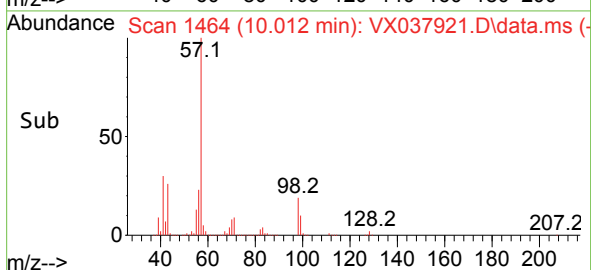
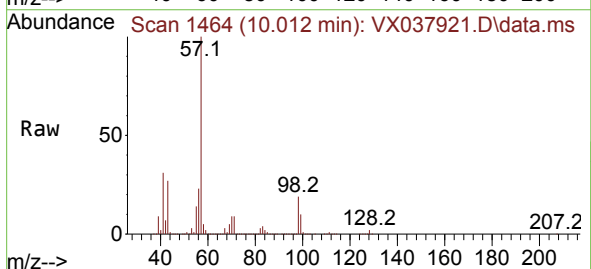


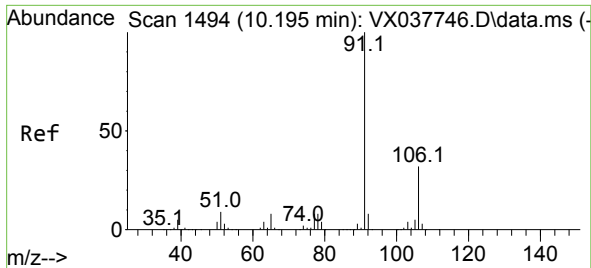
Tgt Ion:117 Resp: 446313
Ion Ratio Lower Upper
117 100
82 50.6 46.2 69.4
119 32.1 25.5 38.3



#65
Chlorobenzene
Concen: 0.625 ug/l
RT: 10.012 min Scan# 1464
Delta R.T. -0.067 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Tgt Ion:112 Resp: 6020
Ion Ratio Lower Upper
112 100
114 11.1 25.7 38.5#

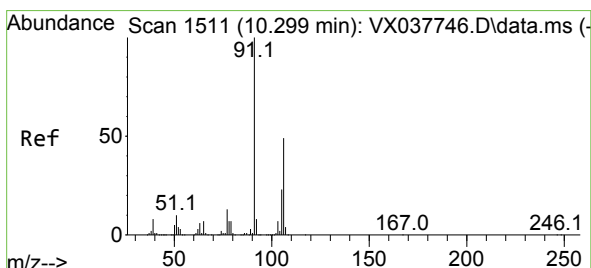
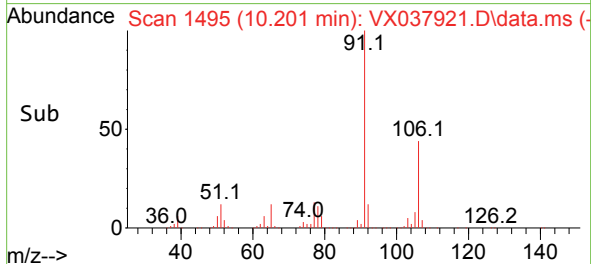
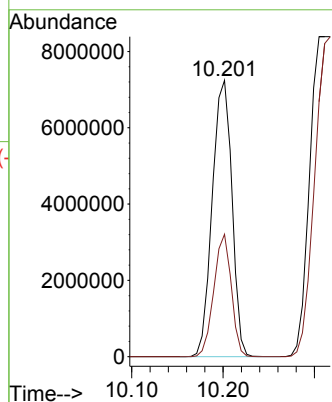
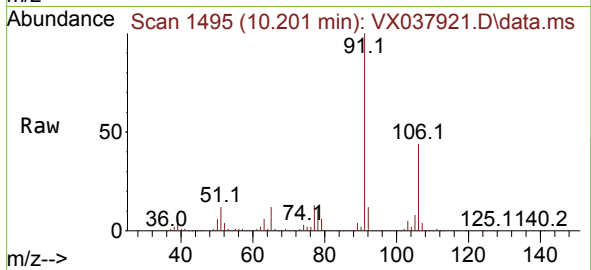




#67
Ethyl Benzene
Concen: 647.965 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

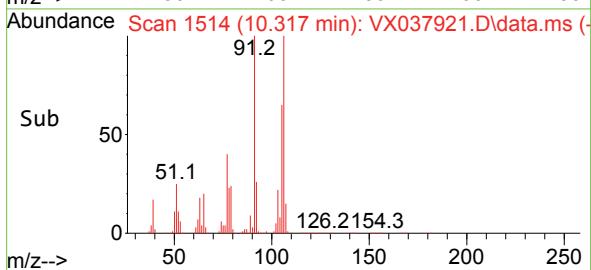
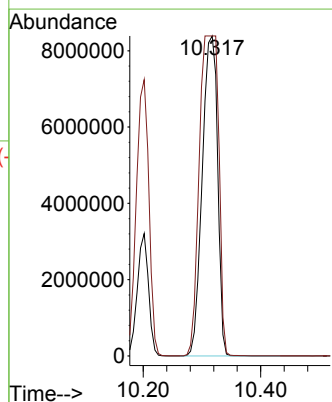
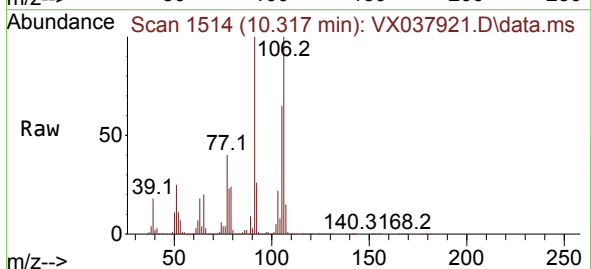
Instrument :
MSVOA_X
ClientSampleId :

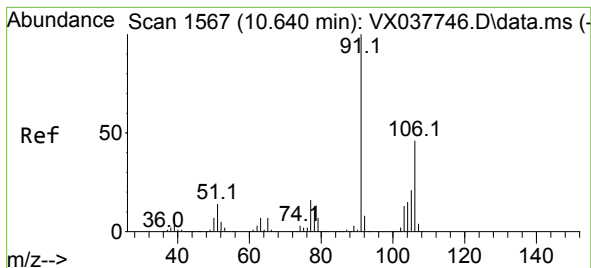
Tgt Ion: 91 Resp:10815079
Ion Ratio Lower Upper
91 100
106 44.3 24.9 37.3#



#68
m/p-Xylenes
Concen: 2357.585 ug/l
RT: 10.317 min Scan# 1514
Delta R.T. 0.012 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Tgt Ion:106 Resp:15205408
Ion Ratio Lower Upper
106 100
91 126.7 165.5 248.3#





#69

o-Xylene

Concen: 993.061 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

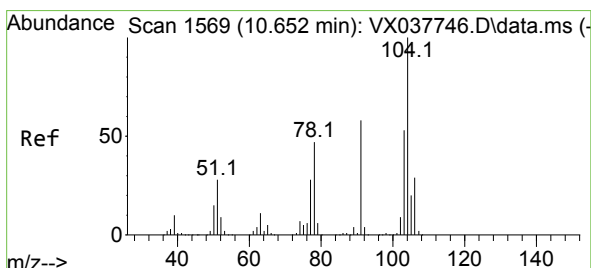
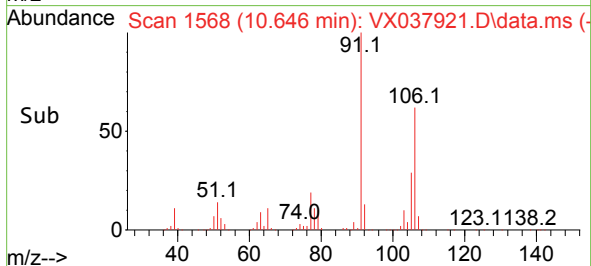
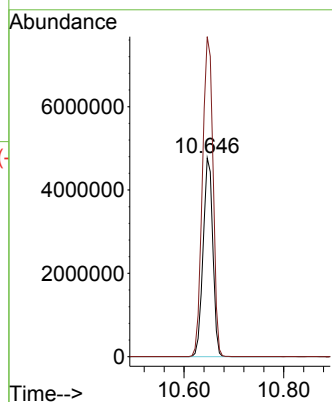
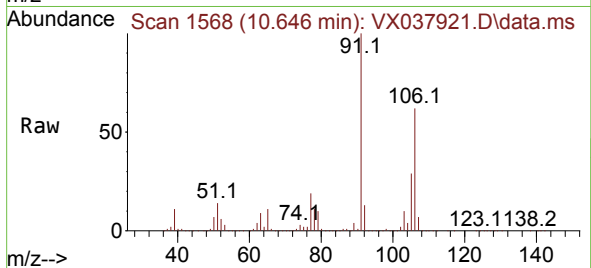
ClientSampleId :

Tgt Ion:106 Resp: 6422619

Ion Ratio Lower Upper

106 100

91 176.4 108.9 326.8



#70

Styrene

Concen: 34.190 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. -0.012 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

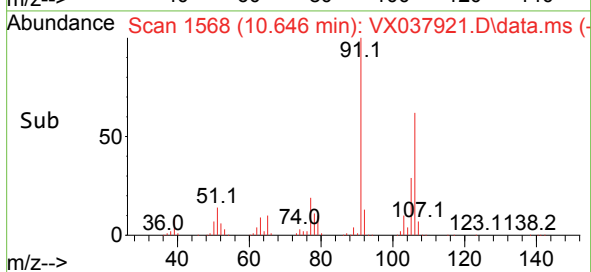
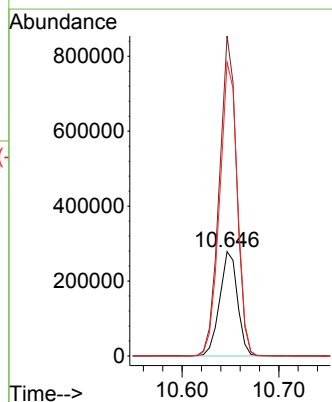
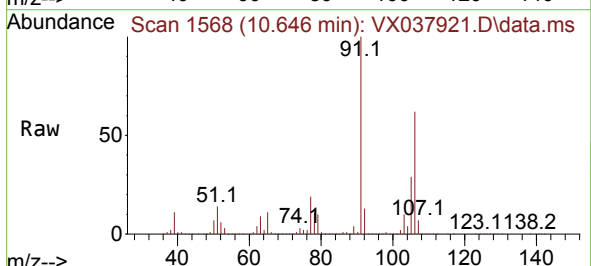
Tgt Ion:104 Resp: 354996

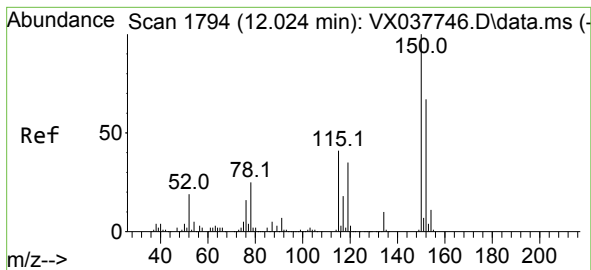
Ion Ratio Lower Upper

104 100

78 299.1 43.6 65.4#

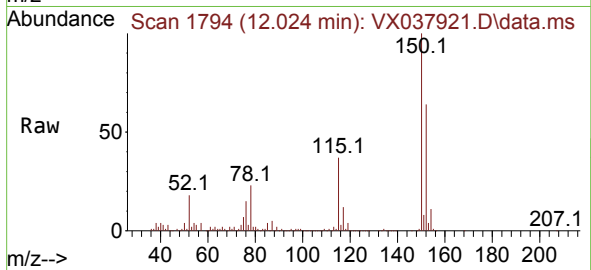
103 281.3 43.6 65.4#



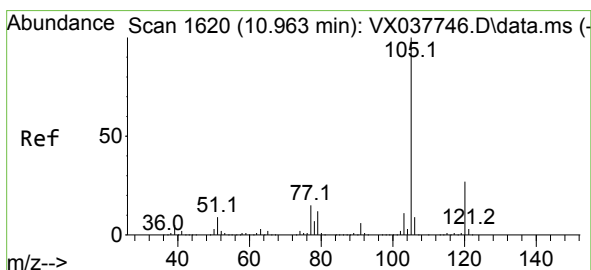
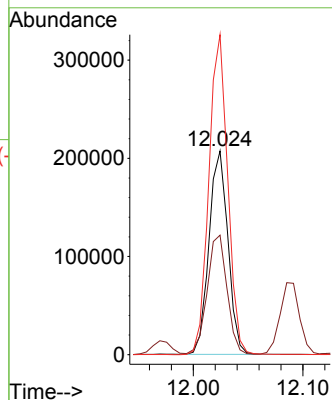
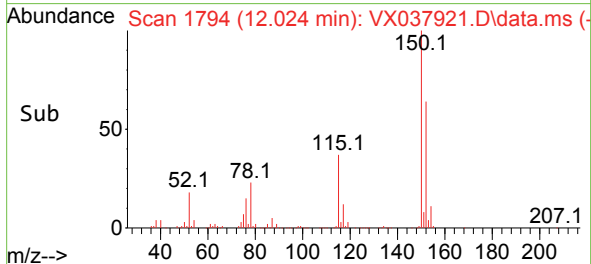


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

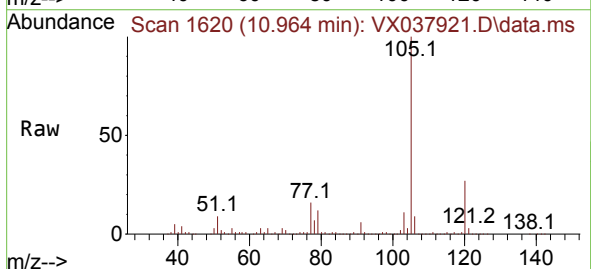
Instrument :
MSVOA_X
ClientSampleId :



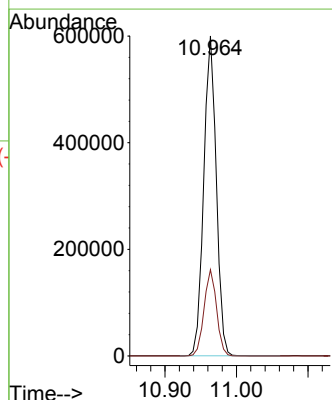
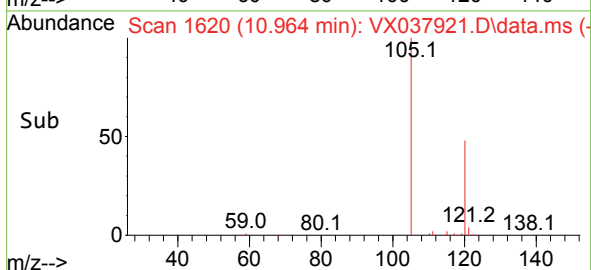
Tgt Ion:152 Resp: 248723
Ion Ratio Lower Upper
152 100
115 61.2 43.3 129.9
150 156.3 0.0 345.0

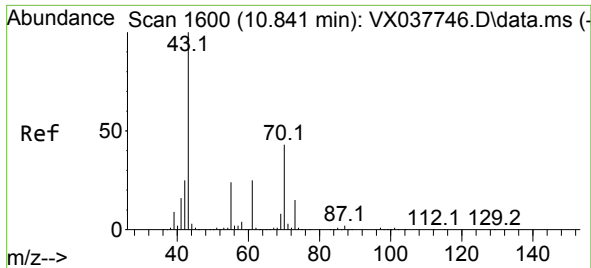


#73
Isopropylbenzene
Concen: 40.011 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07



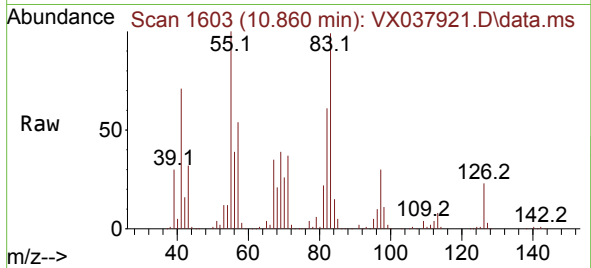
Tgt Ion:105 Resp: 730105
Ion Ratio Lower Upper
105 100
120 26.9 12.9 38.6



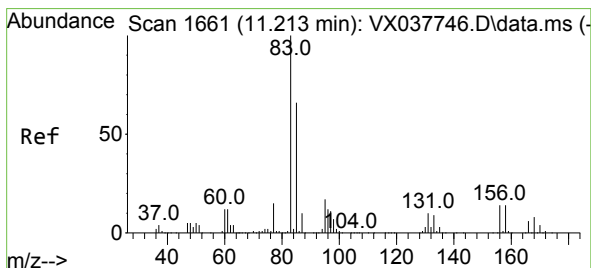
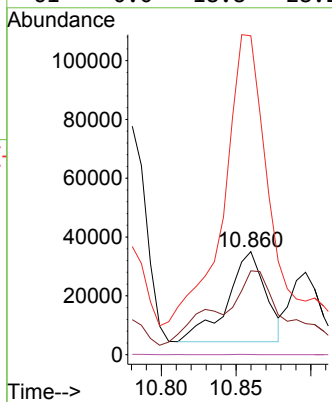
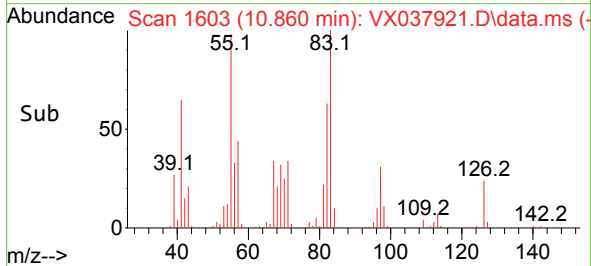


#74
N-amy1 acetate
Concen: 7.461 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.012 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :

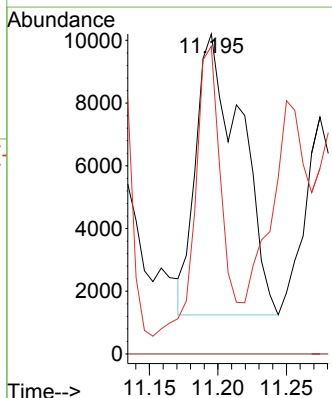
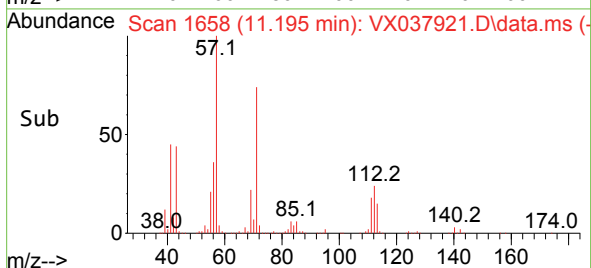
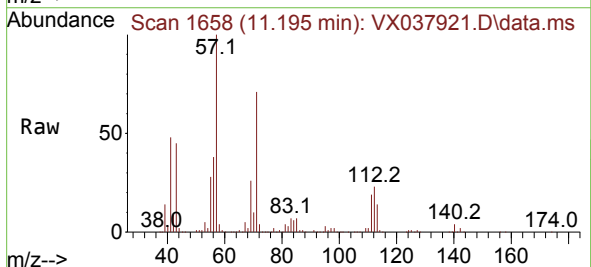


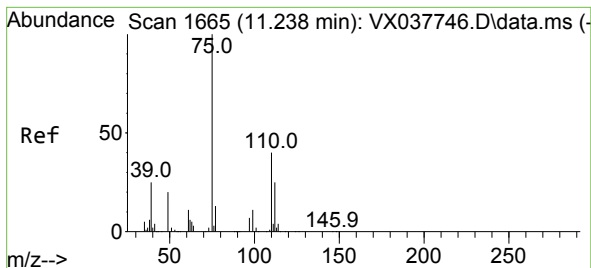
Tgt Ion: 43	Resp: 55137
Ion Ratio	Lower Upper
43	100
70	88.7 32.9 49.3#
55	383.0 19.3 28.9#
61	0.0 18.8 28.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 3.188 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.018 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Tgt Ion: 83	Resp: 20460
Ion Ratio	Lower Upper
83	100
131	0.0 5.3 15.8#
85	60.7 32.0 96.2





#76

1,2,3-Trichloropropane

Concen: 2.519 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.067 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

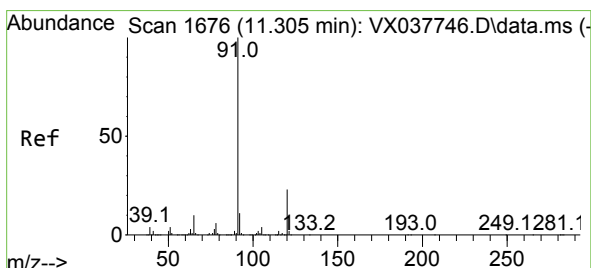
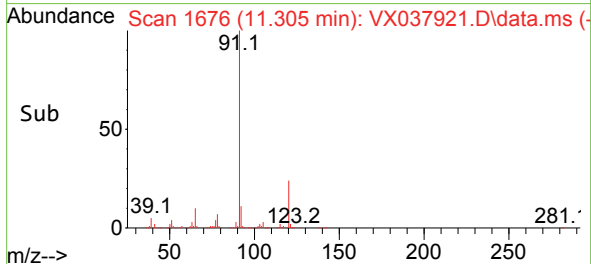
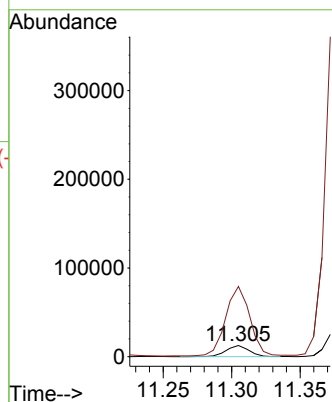
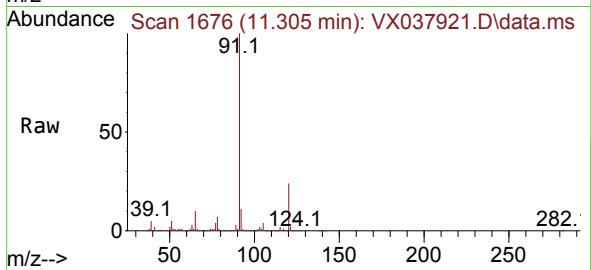
ClientSampleId :

Tgt Ion: 75 Resp: 14489

Ion Ratio Lower Upper

75 100

77 663.8 19.1 57.5#



#78

n-propylbenzene

Concen: 115.942 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037921.D

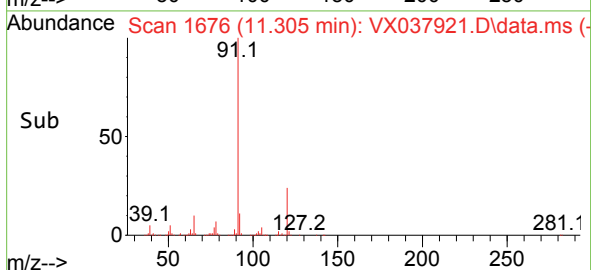
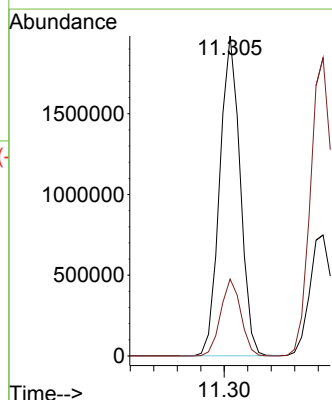
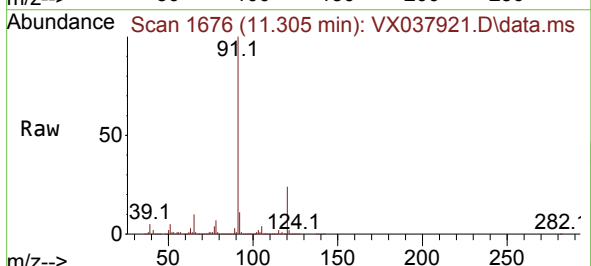
Acq: 27 Sep 2023 14:07

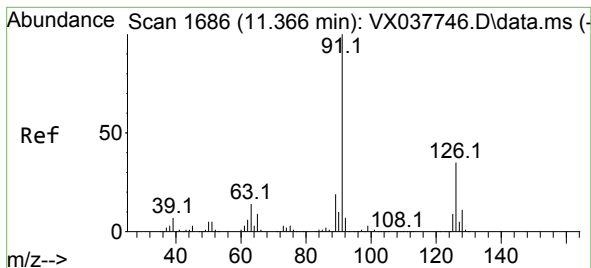
Tgt Ion: 91 Resp: 2389319

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 100.378 ug/l

RT: 11.384 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

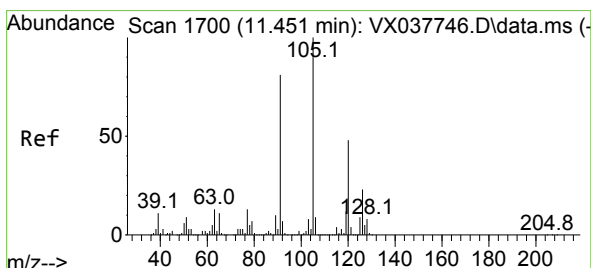
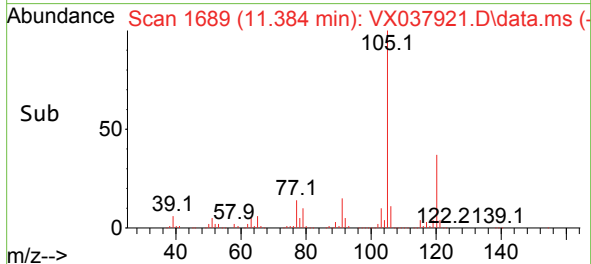
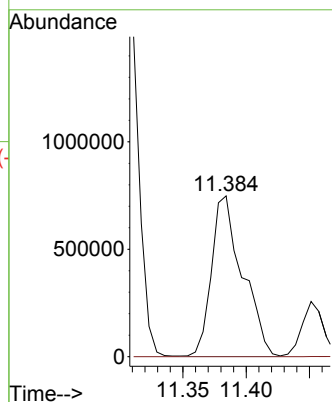
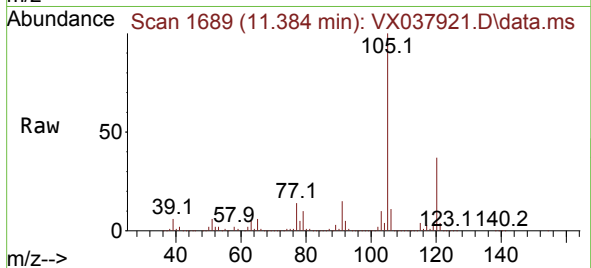
ClientSampleId :

Tgt Ion: 91 Resp: 1275461

Ion Ratio Lower Upper

91 100

126 0.1 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 175.408 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037921.D

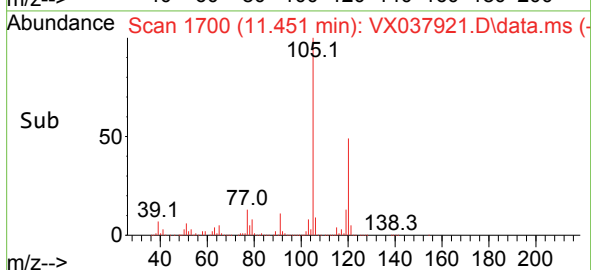
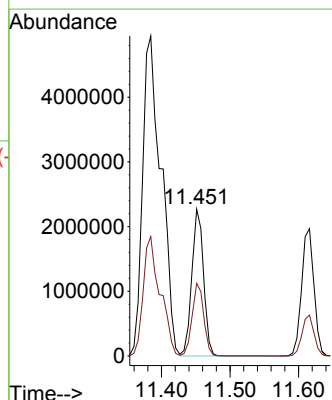
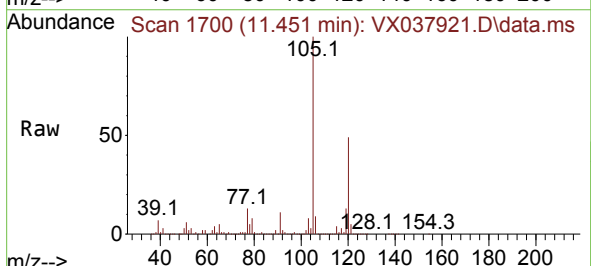
Acq: 27 Sep 2023 14:07

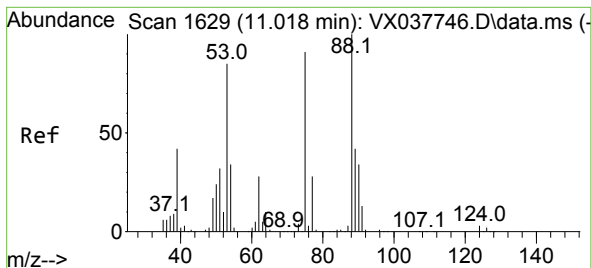
Tgt Ion: 105 Resp: 2703038

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.3

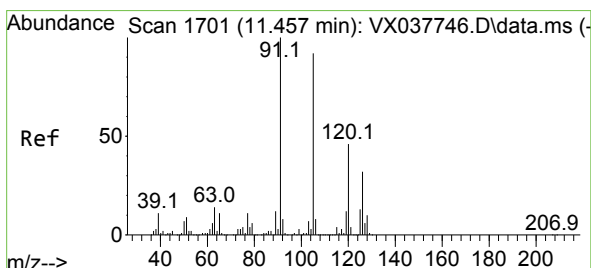
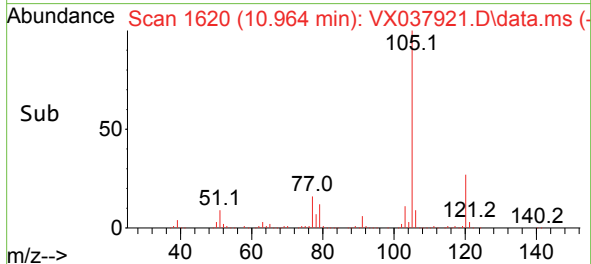
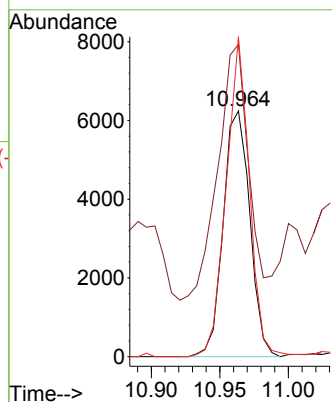
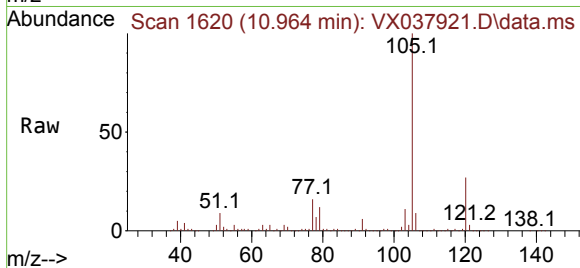




#81
trans-1,4-Dichloro-2-butene
Concen: 4.690 ug/l
RT: 10.964 min Scan# 1
Delta R.T. -0.055 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

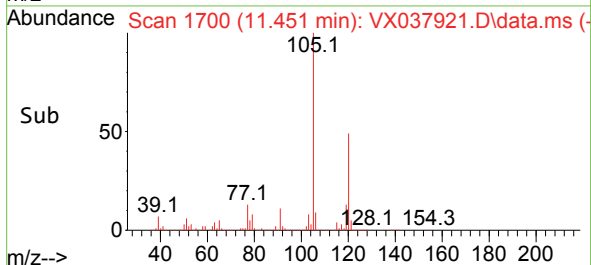
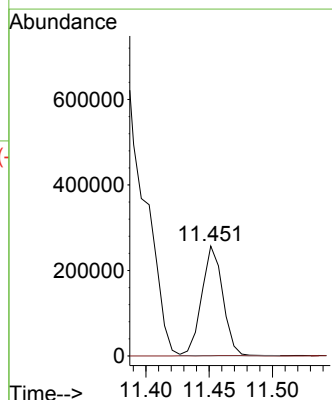
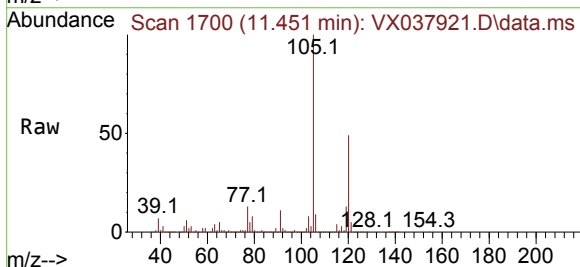
Instrument :
MSVOA_X
ClientSampleId :

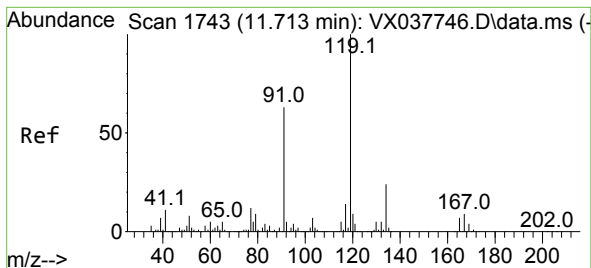
Tgt Ion: 75 Resp: 8423
Ion Ratio Lower Upper
75 100
53 118.5 90.5 135.7
89 114.1 36.9 55.3#



#82
4-Chlorotoluene
Concen: 20.767 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Tgt Ion: 91 Resp: 297069
Ion Ratio Lower Upper
91 100
126 0.5 14.2 42.6#





#83

tert-Butylbenzene

Concen: 80.434 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.043 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

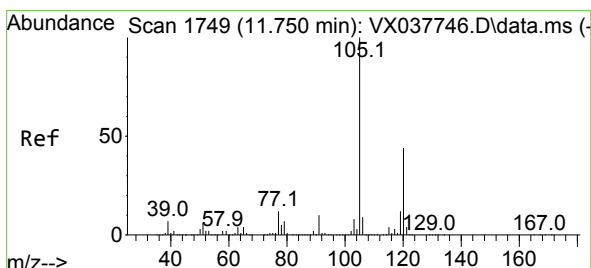
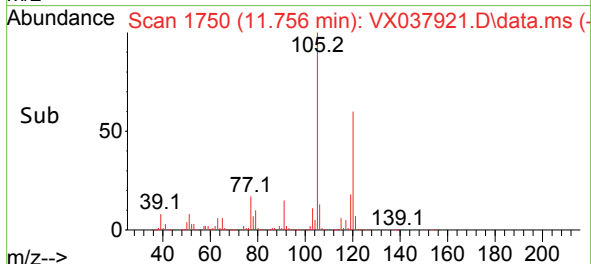
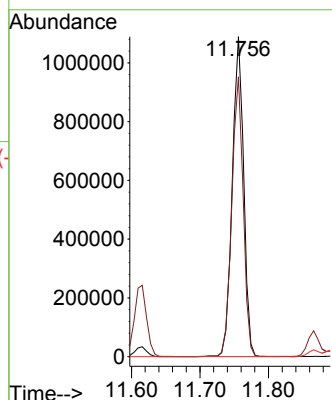
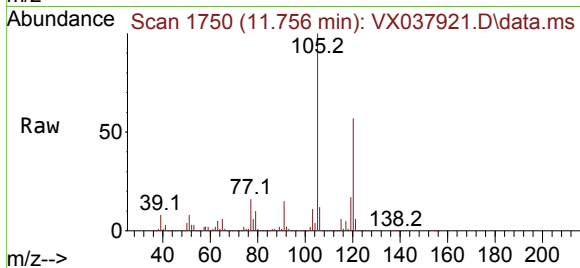
Tgt Ion:119 Resp: 1252732

Ion Ratio Lower Upper

119 100

91 87.4 31.2 93.6

134 0.0 11.7 35.0#



#84

1,2,4-Trimethylbenzene

Concen: 545.651 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX037921.D

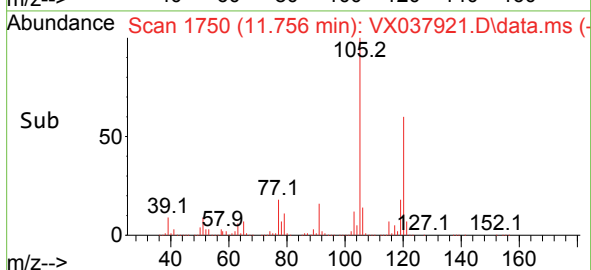
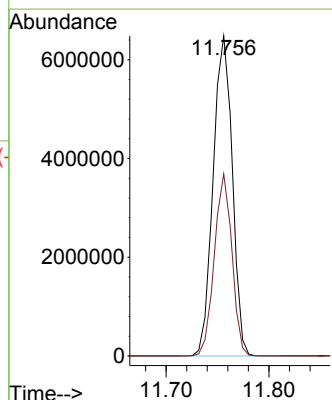
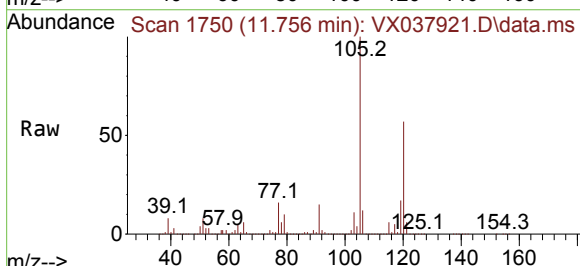
Acq: 27 Sep 2023 14:07

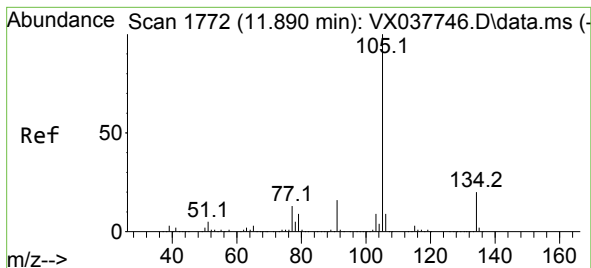
Tgt Ion:105 Resp: 8366048

Ion Ratio Lower Upper

105 100

120 52.2 21.2 63.6





#85

sec-Butylbenzene

Concen: 442.766 ug/l

RT: 11.756 min Scan# 1785

Delta R.T. -0.134 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

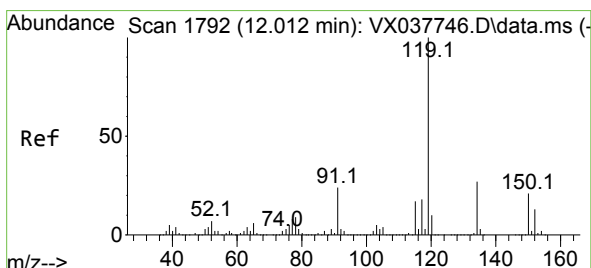
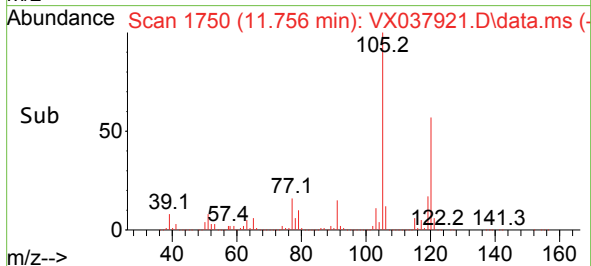
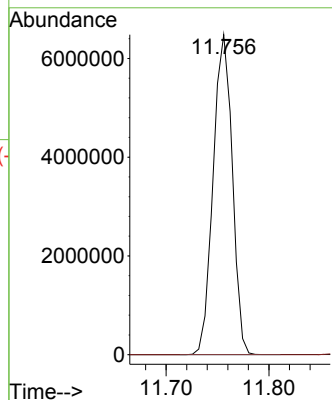
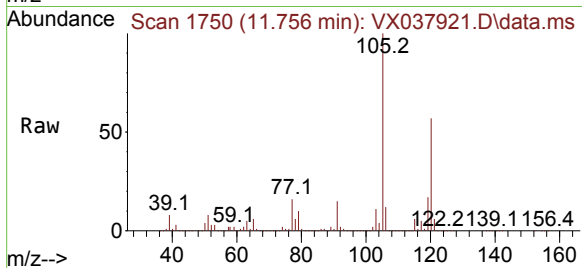
ClientSampleId :

Tgt Ion:105 Resp: 8366048

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 14.410 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.043 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

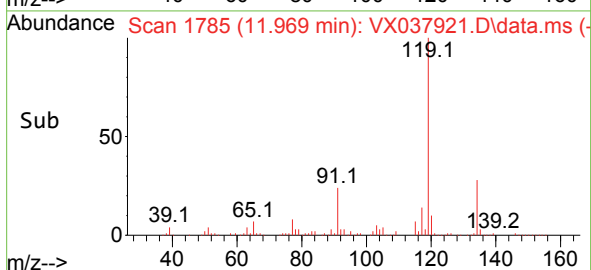
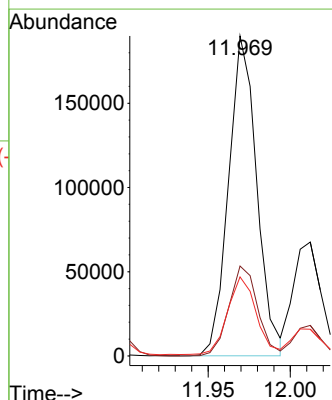
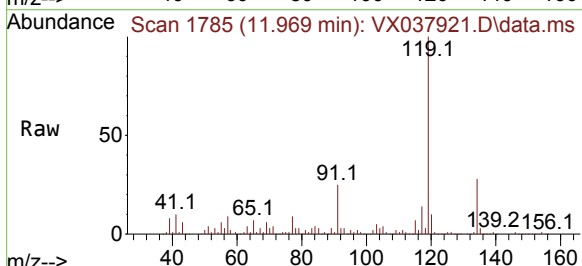
Tgt Ion:119 Resp: 226844

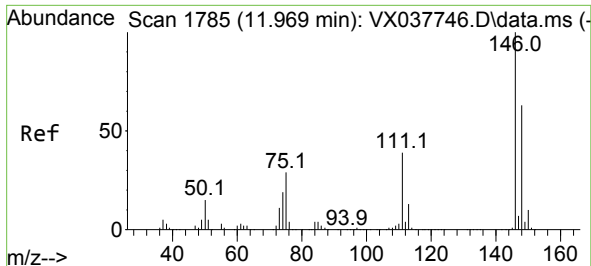
Ion Ratio Lower Upper

119 100

134 28.7 12.8 38.3

91 24.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.218 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037921.D

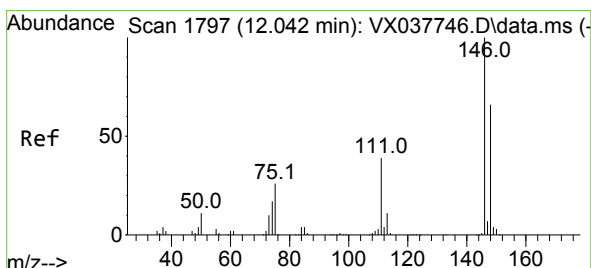
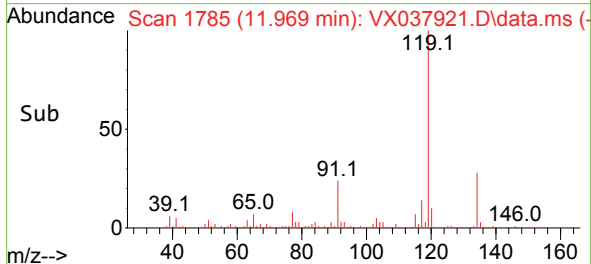
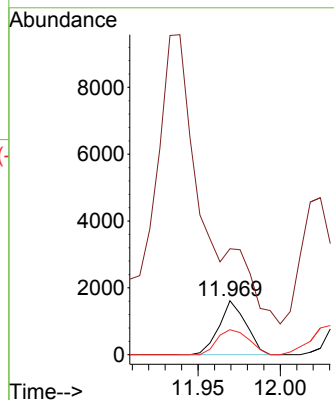
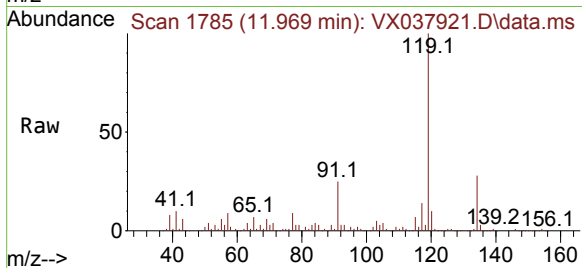
Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:146	Resp:	1834
Ion Ratio	Lower	Upper
146	100	
111	0.0	22.1 66.1#
148	54.6	31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.243 ug/l

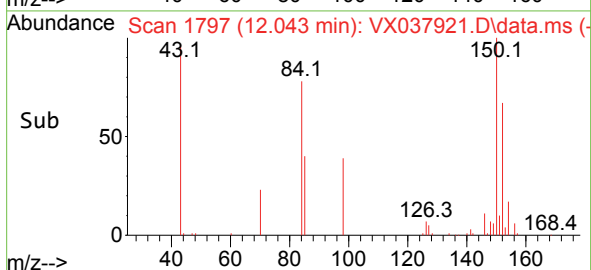
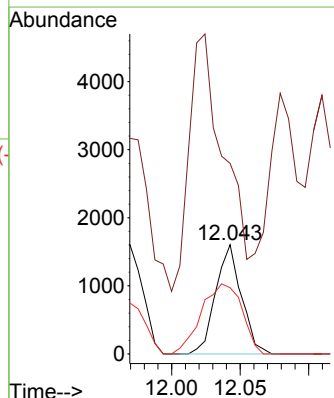
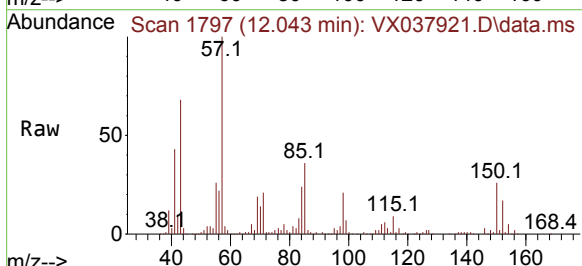
RT: 12.043 min Scan# 1797

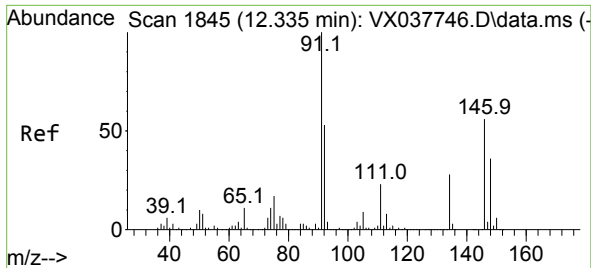
Delta R.T. -0.000 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Tgt Ion:146	Resp:	2096
Ion Ratio	Lower	Upper
146	100	
111	316.9	21.3 63.7#
148	101.1	31.8 95.4#





#89

n-Butylbenzene

Concen: 32.653 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

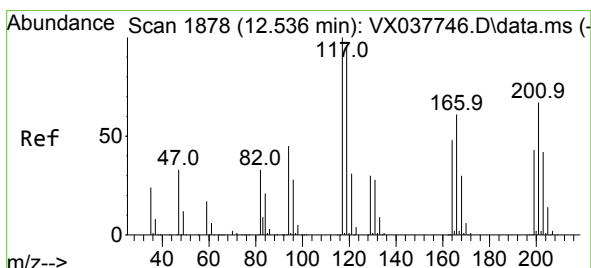
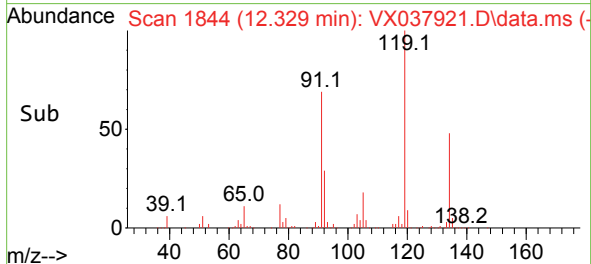
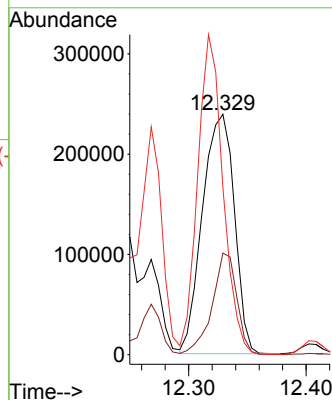
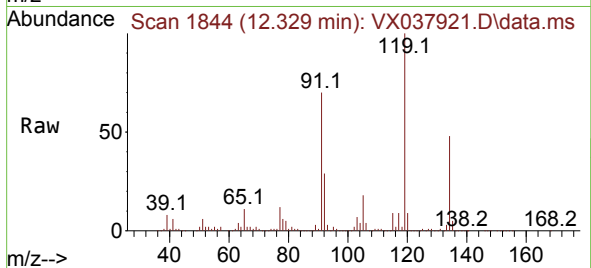
Tgt Ion: 91 Resp: 450308

Ion Ratio Lower Upper

91 100

92 32.8 27.4 82.0

134 105.7 12.6 37.8#



#90

Hexachloroethane

Concen: 22.596 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX037921.D

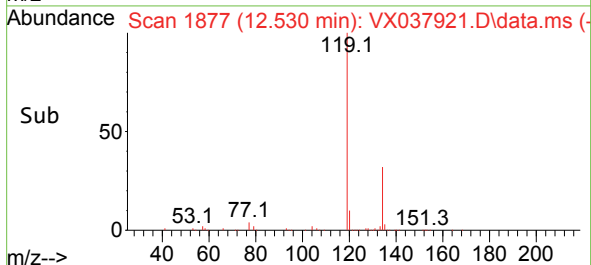
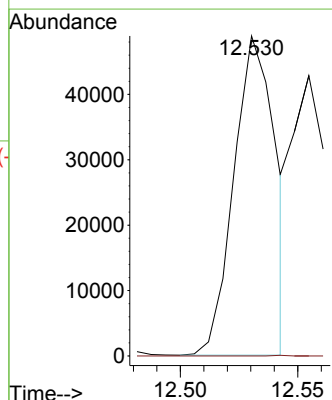
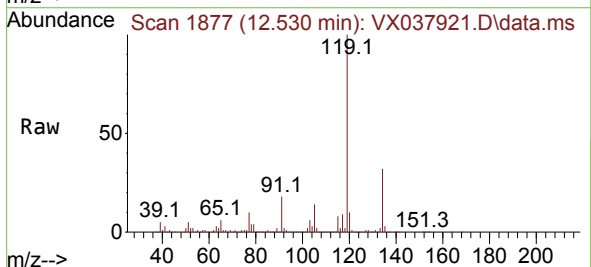
Acq: 27 Sep 2023 14:07

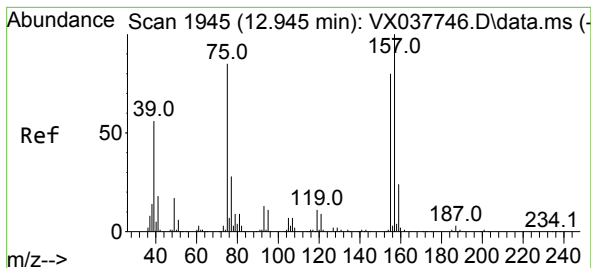
Tgt Ion:117 Resp: 60269

Ion Ratio Lower Upper

117 100

201 0.1 32.9 98.6#

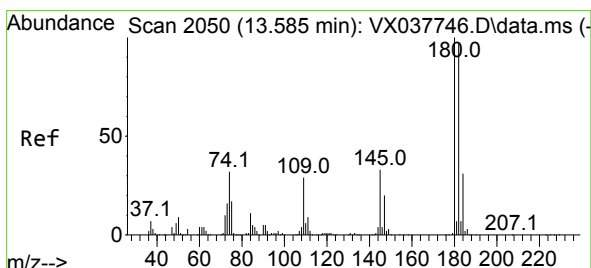
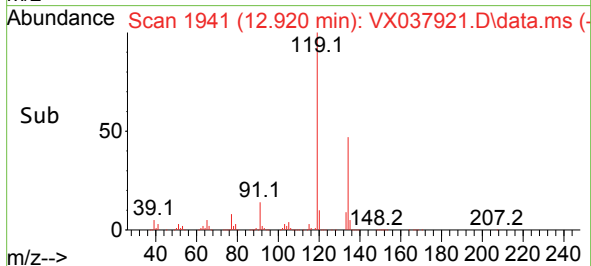
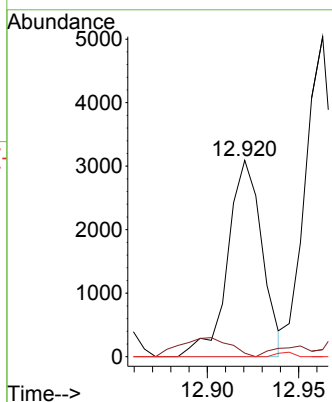
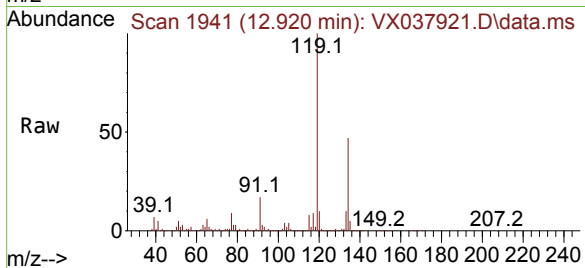




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.173 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.018 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

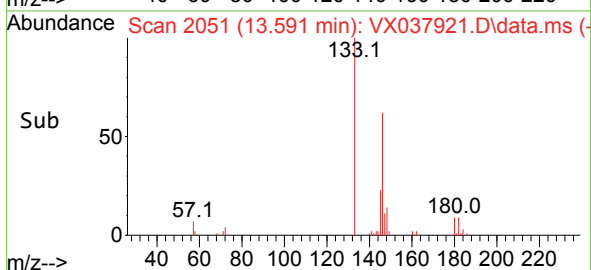
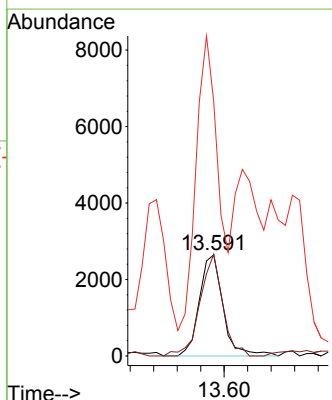
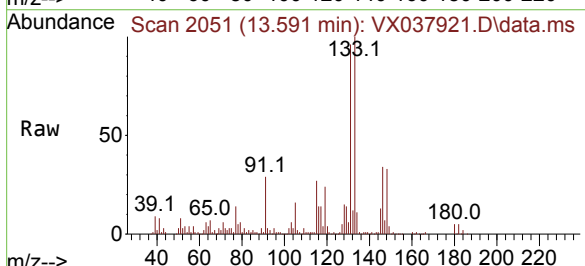
Instrument :
MSVOA_X
ClientSampleId :

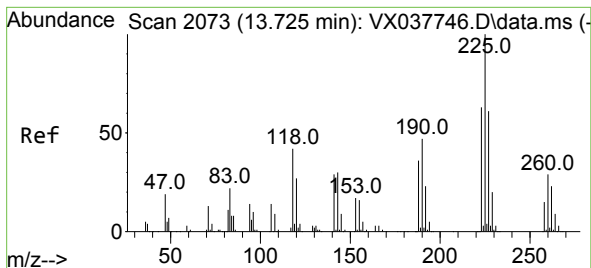
Tgt Ion: 75 Resp: 4059
Ion Ratio Lower Upper
75 100
155 14.1 36.1 108.5#
157 0.0 44.9 134.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.730 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Tgt Ion: 180 Resp: 3695
Ion Ratio Lower Upper
180 100
182 96.0 48.3 144.8
145 274.0 18.0 54.0#





#94

Hexachlorobutadiene

Concen: 0.628 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037921.D

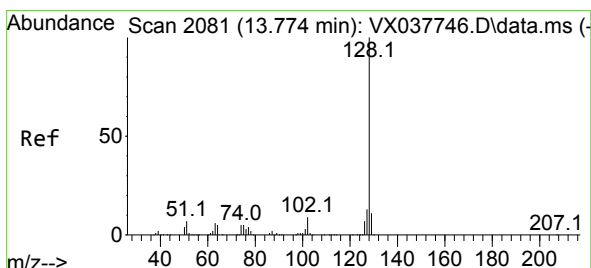
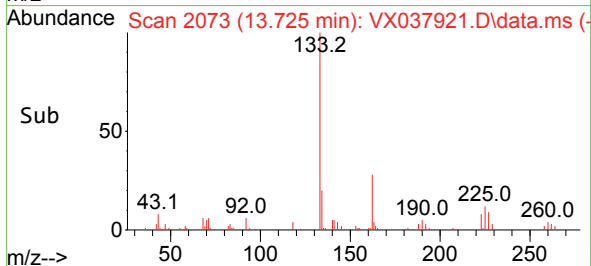
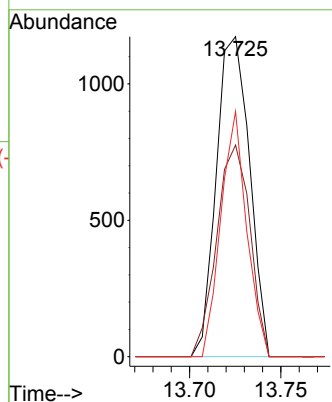
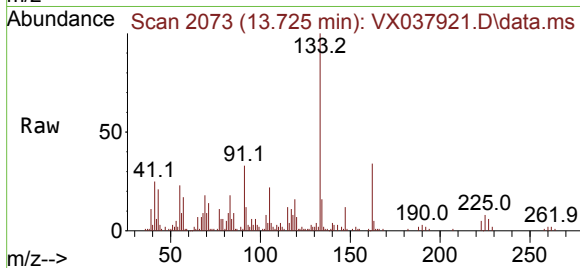
Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:225	Resp:	1484
Ion Ratio	Lower	Upper
225	100	
223	66.4	31.1 93.2
227	59.5	32.5 97.5



#95

Naphthalene

Concen: 37.033 ug/l

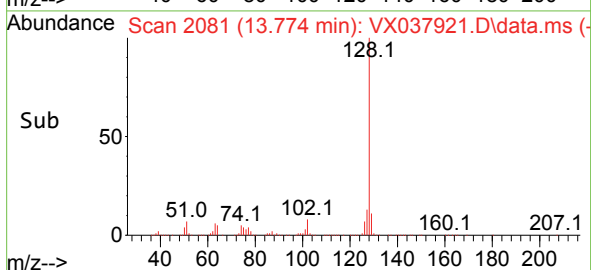
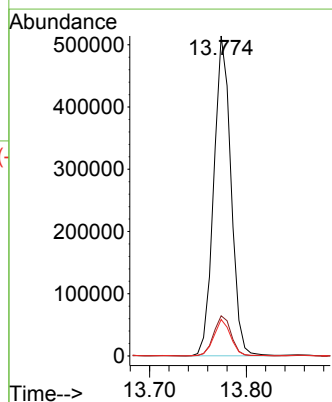
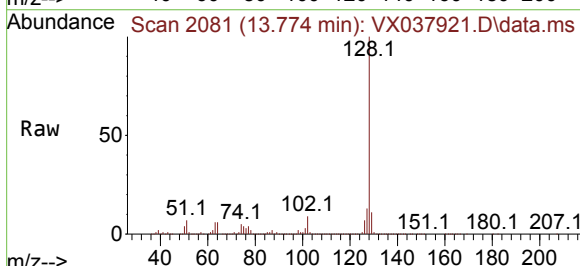
RT: 13.774 min Scan# 2081

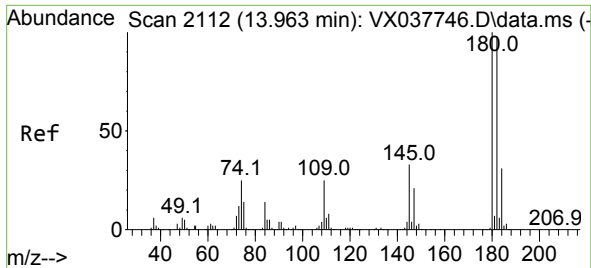
Delta R.T. -0.006 min

Lab File: VX037921.D

Acq: 27 Sep 2023 14:07

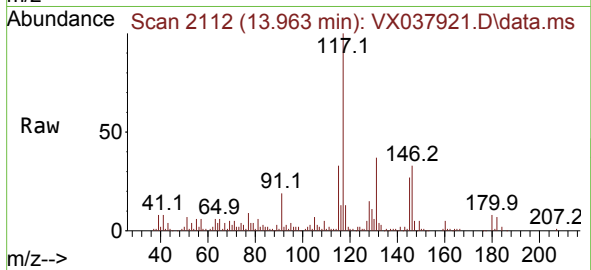
Tgt Ion:128	Resp:	634170
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.3 15.5
129	11.2	8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.517 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX037921.D
 Acq: 27 Sep 2023 14:07

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 2693
 Ion Ratio Lower Upper
 180 100
 182 87.2 46.9 140.6
 145 360.9 17.8 53.5#

