

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092623\
 Data File : VX037904.D
 Acq On : 26 Sep 2023 12:47
 Operator : JC/MD
 Sample : 04346-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 01:13:54 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	234890	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	387054	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160611	52.043	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.080%	
35) Dibromofluoromethane	5.391	113	140324	54.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.360%	
50) Toluene-d8	8.653	98	504441	52.422	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.840%	
62) 4-Bromofluorobenzene	11.079	95	192177	54.959	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.920%	

Target Compounds					Qvalue	
5) Bromomethane	1.611	94	906	0.435	ug/l	93
6) Chloroethane	1.691	64	161923	80.878	ug/l	97
7) Trichlorofluoromethane	1.892	101	374685	80.195	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	983	0.415	ug/l	# 52
11) Tert butyl alcohol	3.099	59	2770	4.182	ug/l	# 78
12) 1,1-Dichloroethene	2.319	96	335398	146.363	ug/l	87
13) Acrolein	2.239	56	290	0.443	ug/l	# 80
14) Allyl chloride	2.788	41	8362	2.191	ug/l	# 26
16) Acetone	2.380	43	56245	37.886	ug/l	90
17) Carbon Disulfide	2.514	76	1190	0.207	ug/l	# 95
20) Methylene Chloride	2.788	84	249127	90.787	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	65713	25.825	ug/l	90
24) 1,1-Dichloroethane	3.611	63	618901	129.913	ug/l	99
25) 2-Butanone	4.556	43	311486	148.680	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	410538	131.602	ug/l	80
28) Bromochloromethane	5.099	49	33876	15.243	ug/l	# 16
30) Chloroform	5.093	83	444047	86.525	ug/l	100
31) Cyclohexane	5.550	56	4931	1.245	ug/l	# 1
32) 1,1,1-Trichloroethane	5.391	97	334471	76.972	ug/l	97
36) 1,1-Dichloropropene	5.550	75	17756	4.977	ug/l	# 51
37) Ethyl Acetate	4.556	43	311486	79.420	ug/l	# 69
38) Carbon Tetrachloride	5.678	117	406545	108.912	ug/l	98
39) Methylcyclohexane	7.428	83	2364	0.522	ug/l	# 24
41) Methacrylonitrile	5.086	41	833	0.417	ug/l	# 25
45) 1,2-Dichloropropane	7.434	63	314937	110.541	ug/l	97
46) Dibromomethane	7.586	93	39506	19.276	ug/l	93
47) Bromodichloromethane	7.830	83	1049	0.278	ug/l	# 57
48) Methyl methacrylate	7.434	41	138357	46.150	ug/l	# 41
49) 1,4-Dioxane	7.580	88	82	1.043	ug/l	# 12
52) Toluene	8.720	92	162251	22.948	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	374140	94.799	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	374738	85.794	ug/l	# 89
55) 1,1,2-Trichloroethane	9.153	97	393638	132.049	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.269	63	688	0.331	ug/l	# 87
60) Dibromochloromethane	9.519	129	296757	99.931	ug/l	99
61) 1,2-Dibromoethane	9.610	107	335942	106.439	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
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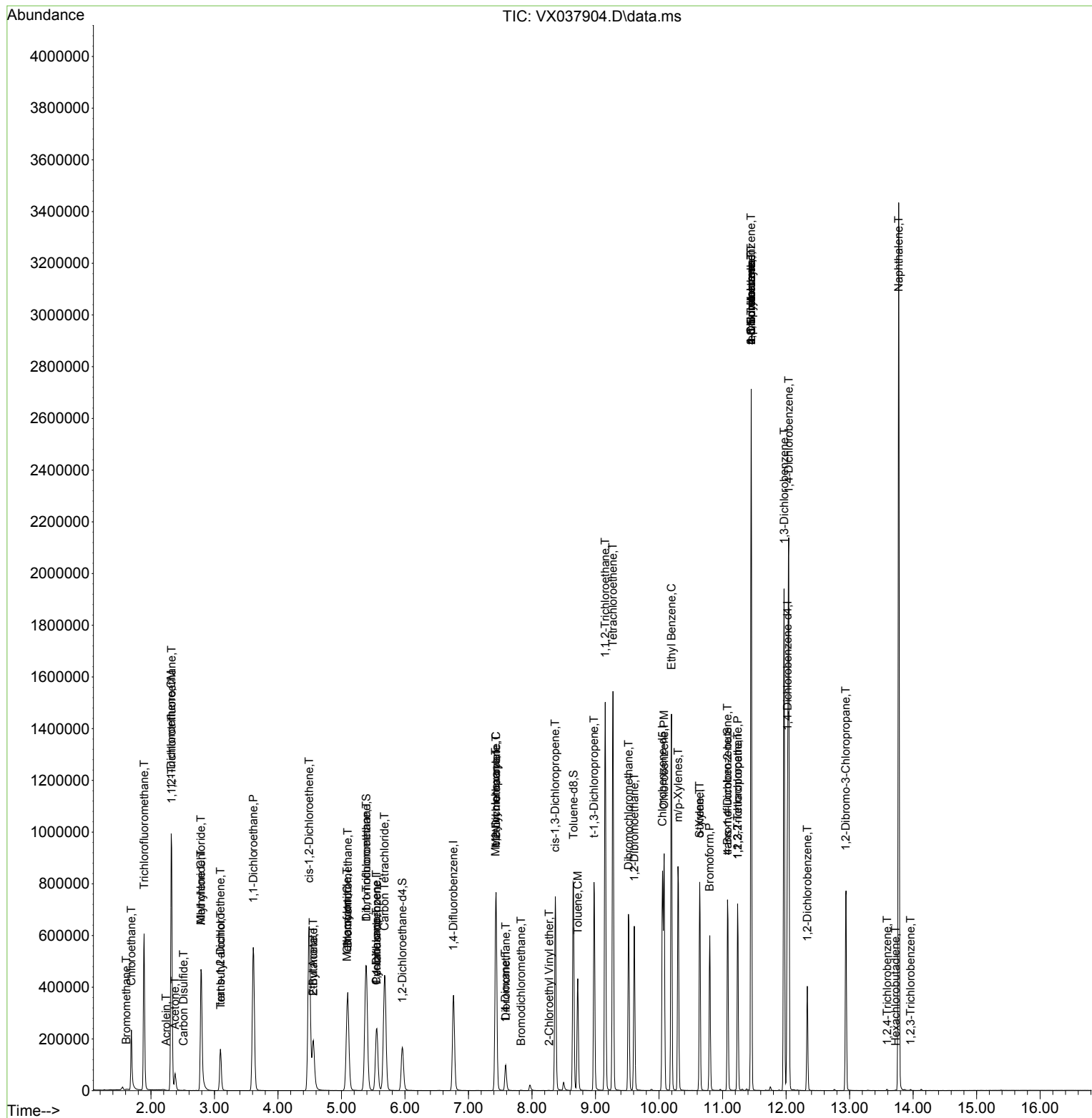
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) Tetrachloroethene	9.275	164	282016	111.397	ug/l	96
65) Chlorobenzene	10.079	112	384130	47.974	ug/l	100
67) Ethyl Benzene	10.195	91	818645	58.970	ug/l	99
68) m/p-Xylenes	10.299	106	203674	37.968	ug/l	98
69) o-Xylene	10.640	106	172892	32.141	ug/l	99
70) Styrene	10.640	104	9270	1.073	ug/l #	1
71) Bromoform	10.799	173	206817	92.263	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.238	83	6639	1.259	ug/l #	96
76) 1,2,3-Trichloropropane	11.238	75	221614	46.887	ug/l	91
78) n-propylbenzene	11.451	91	121133	7.154	ug/l #	1
79) 2-Chlorotoluene	11.451	91	121133	11.603	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.451	105	1114426	88.018	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	97428	66.030	ug/l #	5
82) 4-Chlorotoluene	11.451	91	121133	10.306	ug/l #	47
83) tert-Butylbenzene	11.451	119	139277	10.884	ug/l #	64
87) 1,3-Dichlorobenzene	11.969	146	626543	90.575	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	666884	94.213	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	126831	17.958	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	144465	137.446	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	1459	0.351	ug/l	90
94) Hexachlorobutadiene	13.725	225	425	0.219	ug/l	77
95) Naphthalene	13.774	128	2013116	143.081	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1142	0.267	ug/l	93

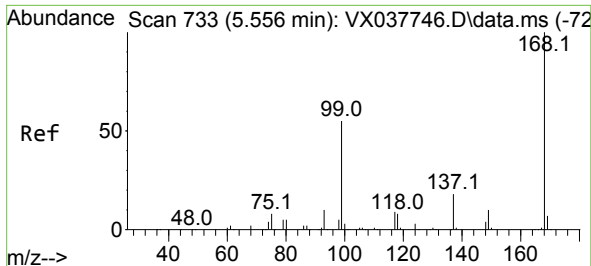
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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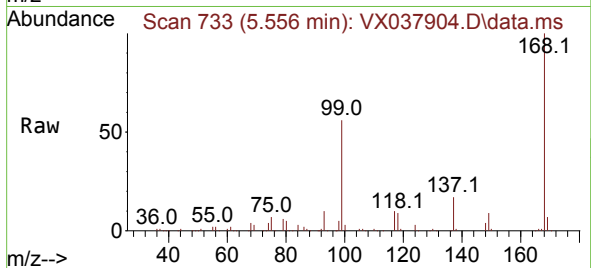
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
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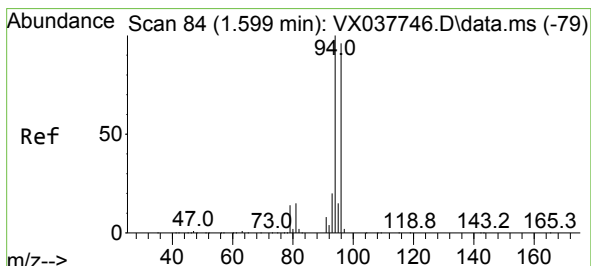
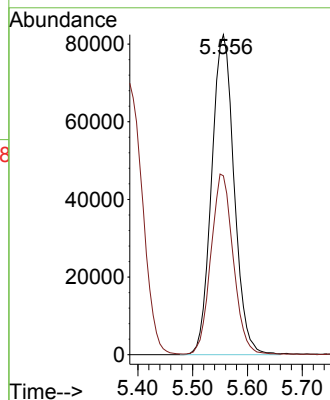
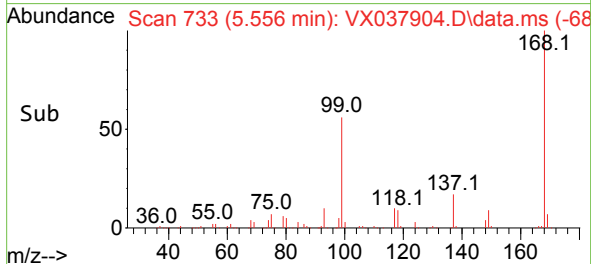


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Instrument :
MSVOA_X
ClientSampleId :

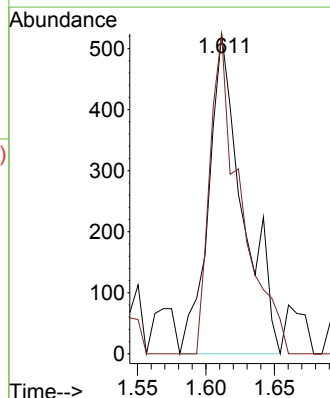
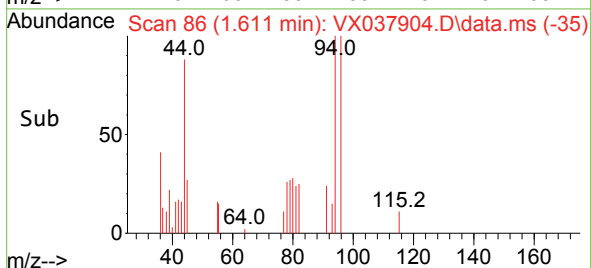
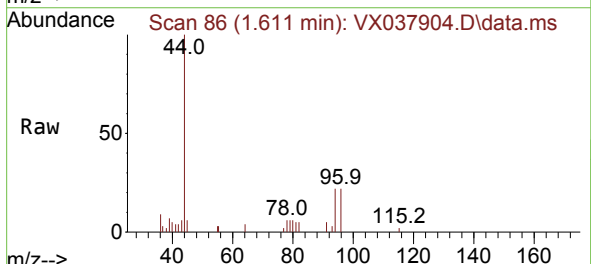


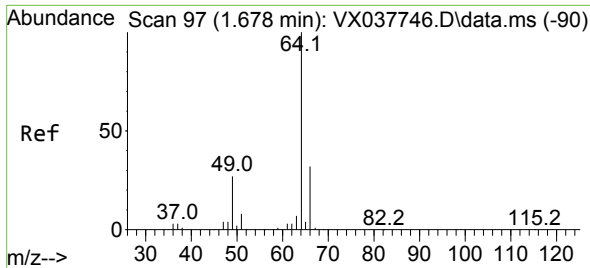
Tgt Ion:168 Resp: 234890
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0#



#5
Bromomethane
Concen: 0.435 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Tgt Ion: 94 Resp: 906
Ion Ratio Lower Upper
94 100
96 100.0 74.6 111.8

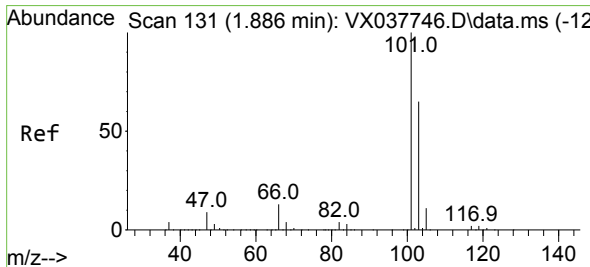
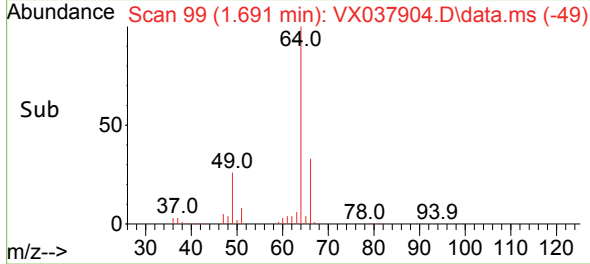
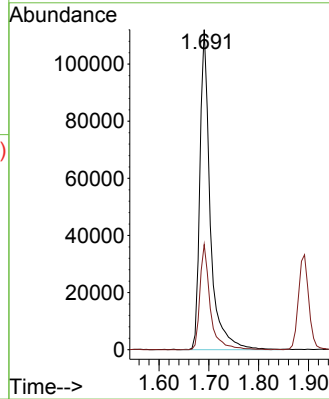
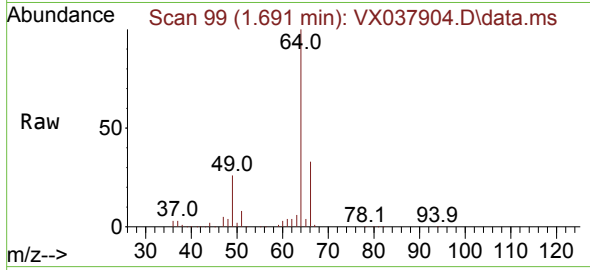




#6
Chloroethane
Concen: 80.878 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

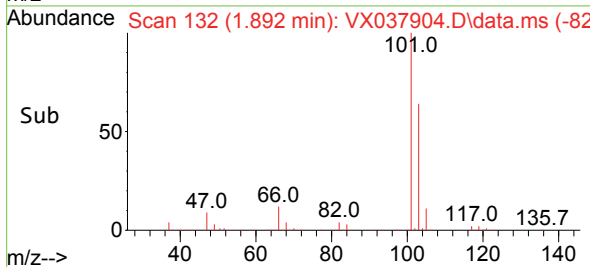
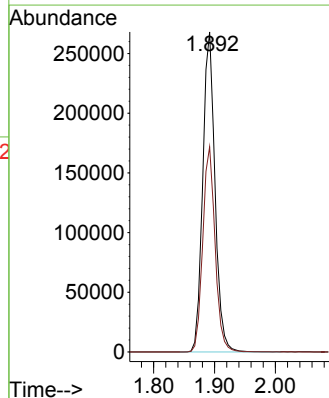
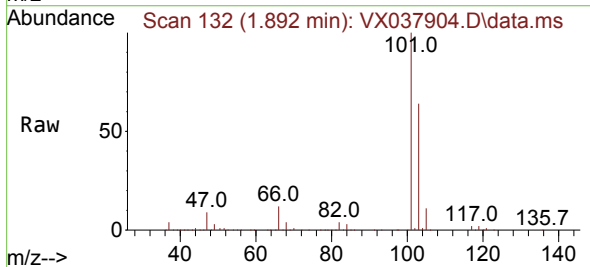
Instrument :
MSVOA_X
ClientSampleId :

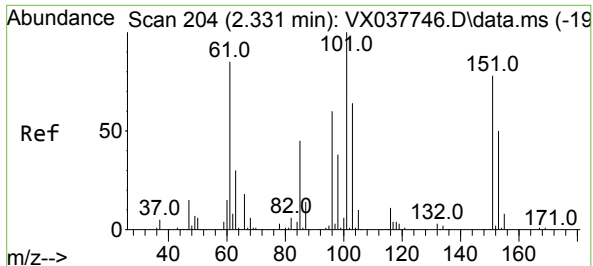
Tgt Ion: 64 Resp: 161923
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7



#7
Trichlorofluoromethane
Concen: 80.195 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Tgt Ion: 101 Resp: 374685
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

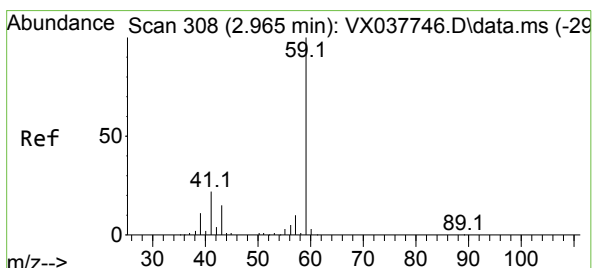
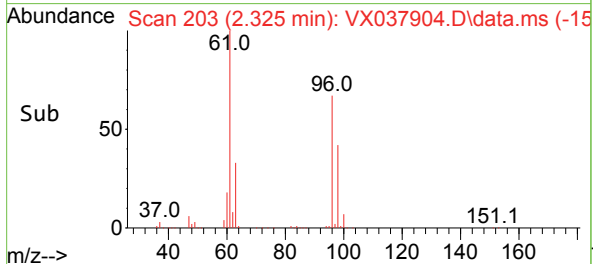
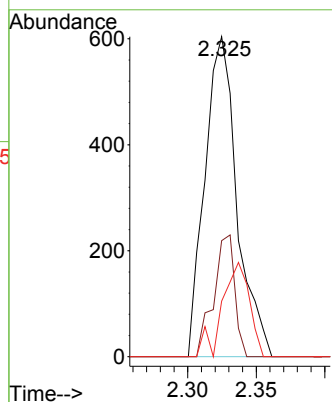
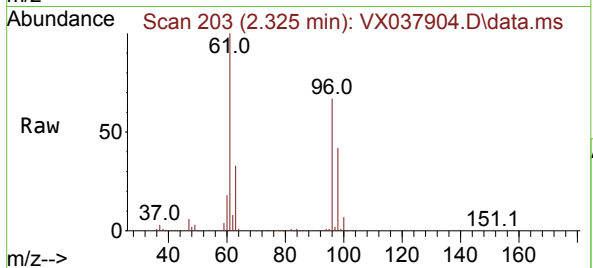




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.415 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

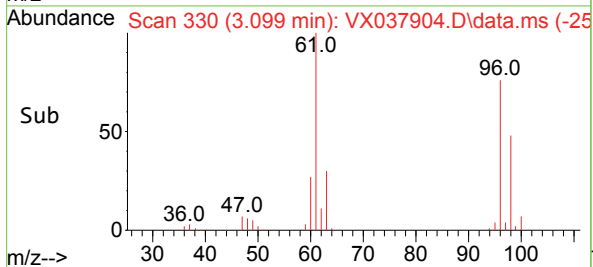
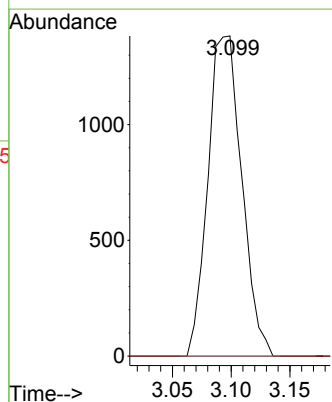
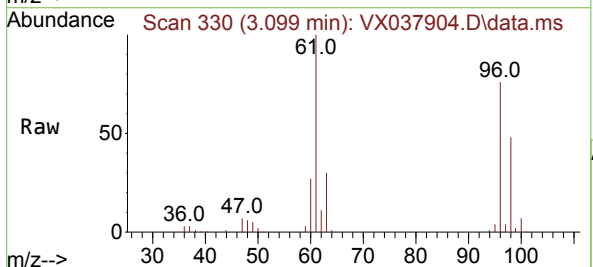
Instrument :
MSVOA_X
ClientSampleId :

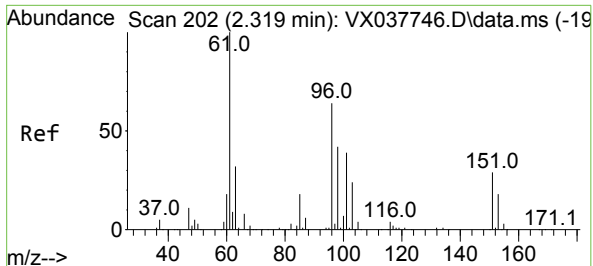
Tgt Ion:101 Resp: 983
Ion Ratio Lower Upper
101 100
85 25.1 37.0 55.6#
151 24.9 58.6 87.8#



#11
Tert butyl alcohol
Concen: 4.182 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.134 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Tgt Ion: 59 Resp: 2770
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 146.363 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.006 min

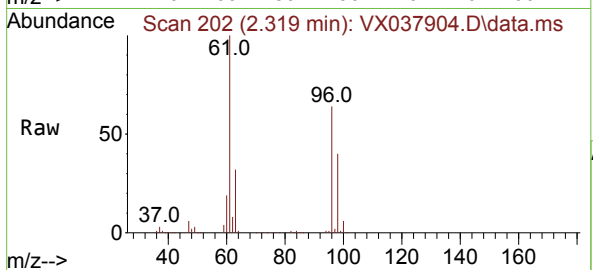
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Acq: 26 Sep 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :



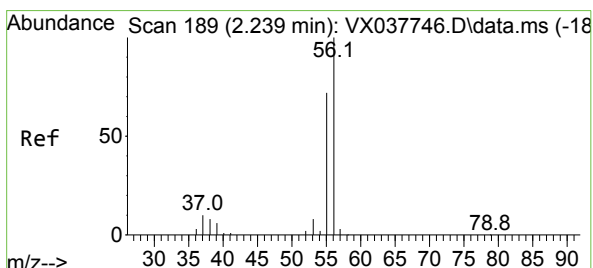
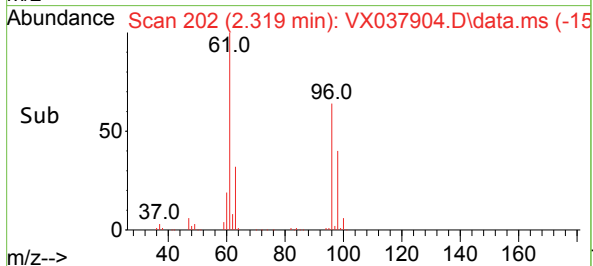
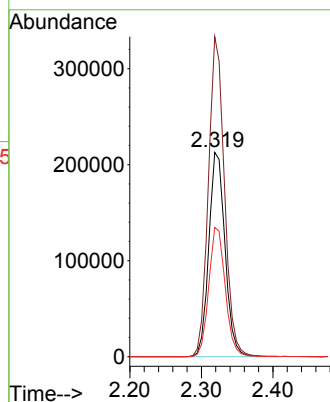
Tgt Ion: 96 Resp: 335398

Ion Ratio Lower Upper

96 100

61 156.6 144.6 216.8

98 63.3 50.4 75.6



#13

Acrolein

Concen: 0.443 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX037904.D

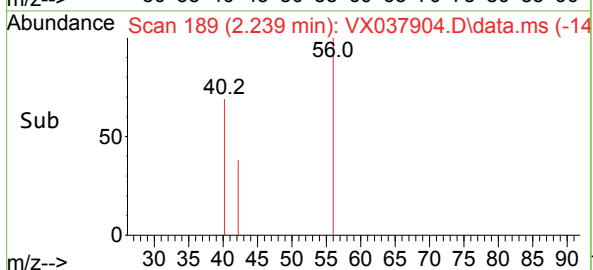
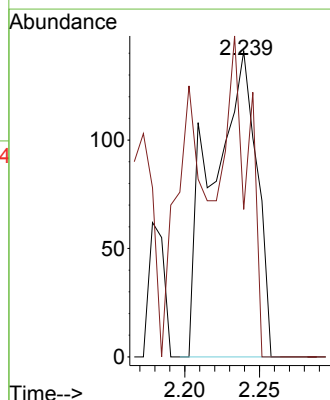
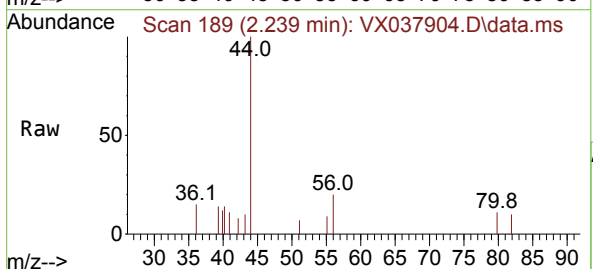
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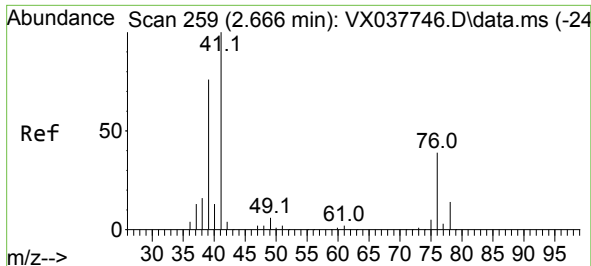
Tgt Ion: 56 Resp: 290

Ion Ratio Lower Upper

56 100

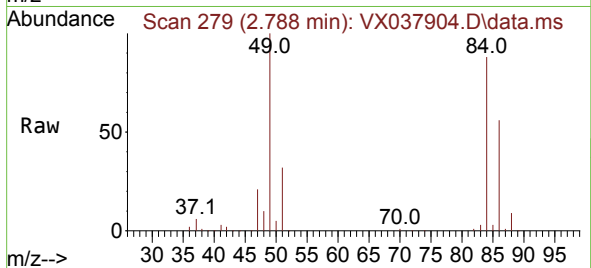
55 54.5 57.1 85.7#



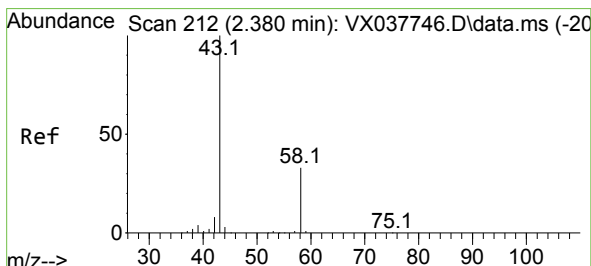
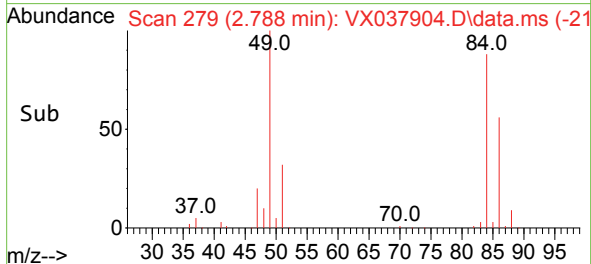
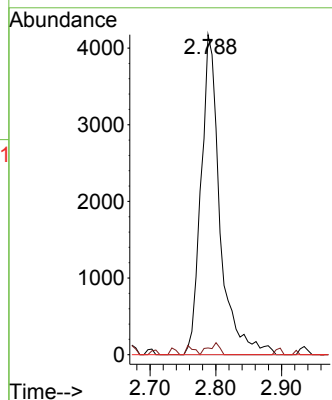


#14
 Allyl chloride
 Concen: 2.191 ug/l
 RT: 2.788 min Scan# 21
 Delta R.T. 0.122 min
 Lab File: VX037904.D
 Acq: 26 Sep 2023 12:47

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 ClientSampleId :

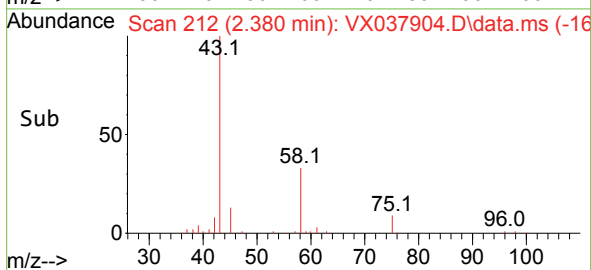
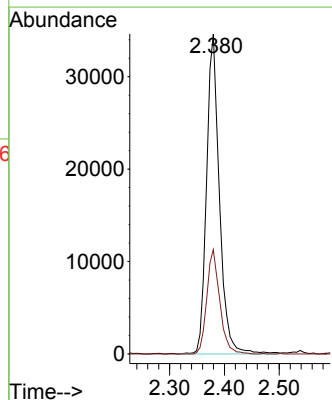
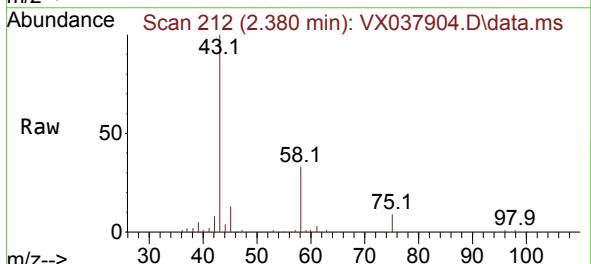


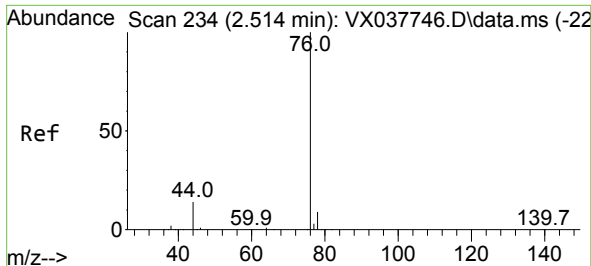
Tgt Ion: 41 Resp: 8362
 Ion Ratio Lower Upper
 41 100
 39 2.2 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 37.886 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX037904.D
 Acq: 26 Sep 2023 12:47

Tgt Ion: 43 Resp: 56245
 Ion Ratio Lower Upper
 43 100
 58 32.6 21.9 32.9

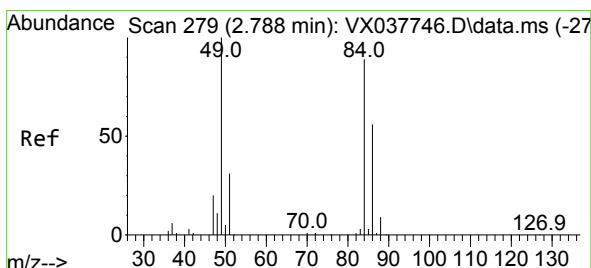
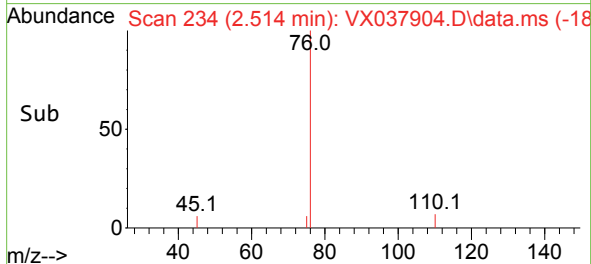
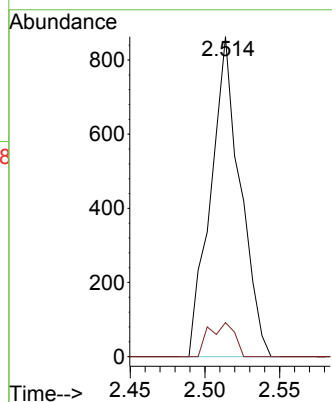
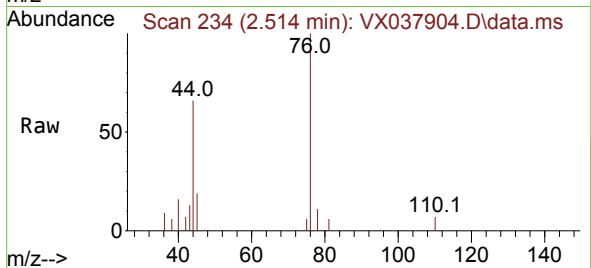




#17
Carbon Disulfide
Concen: 0.207 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

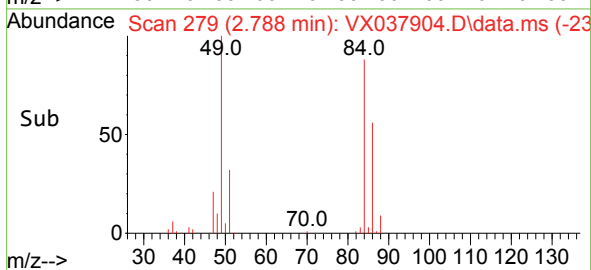
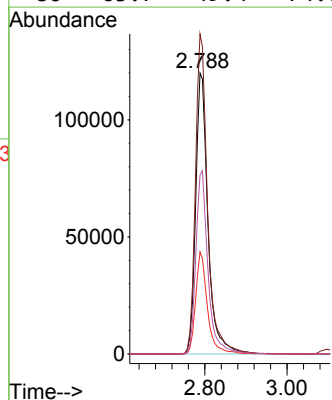
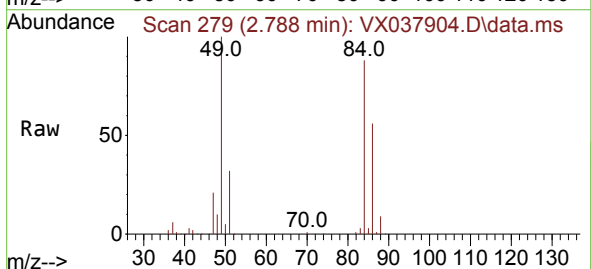
Instrument :
MSVOA_X
ClientSampleId :

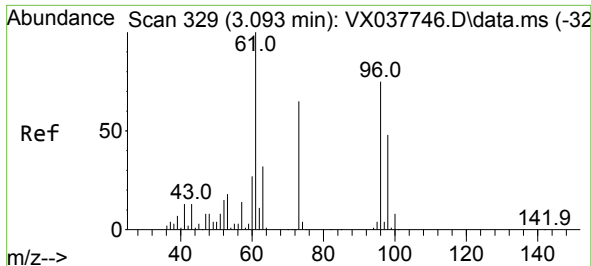
Tgt Ion: 76 Resp: 1190
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.6#



#20
Methylene Chloride
Concen: 90.787 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Tgt Ion: 84 Resp: 249127
Ion Ratio Lower Upper
84 100
49 114.0 103.6 155.4
51 36.3 33.8 50.6
86 63.7 49.4 74.0

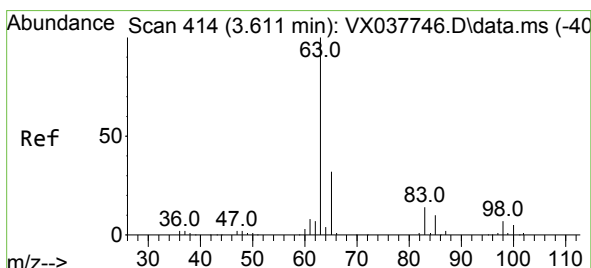
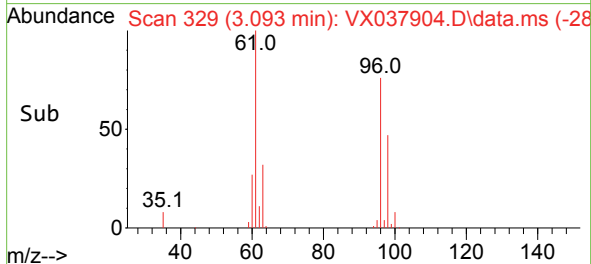
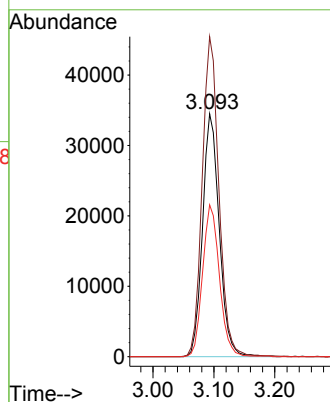
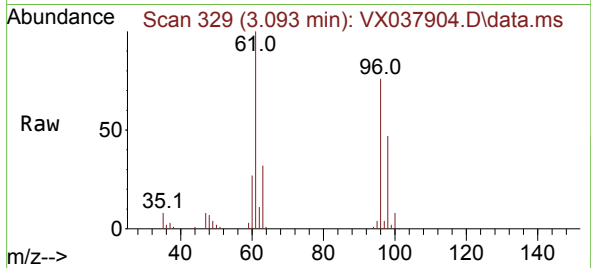




#21
trans-1,2-Dichloroethene
Concen: 25.825 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

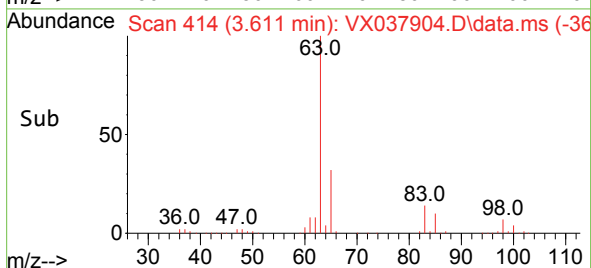
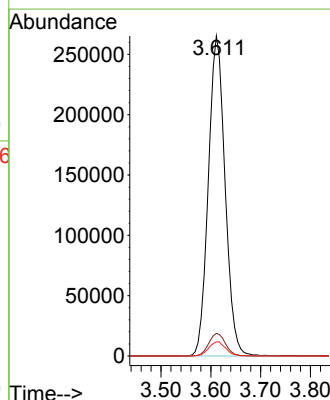
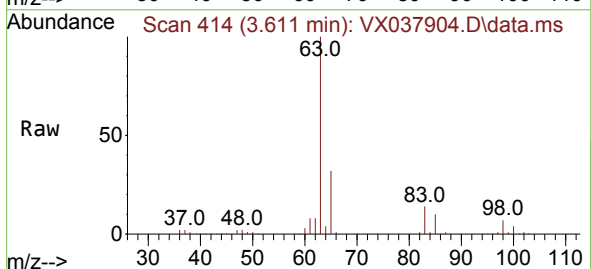
Instrument :
MSVOA_X
ClientSampleId :

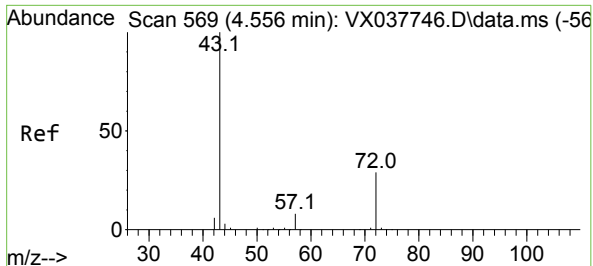
Tgt Ion: 96 Resp: 65713
Ion Ratio Lower Upper
96 100
61 131.7 119.2 178.8
98 62.5 48.7 73.1



#24
1,1-Dichloroethane
Concen: 129.913 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Tgt Ion: 63 Resp: 618901
Ion Ratio Lower Upper
63 100
98 7.0 3.3 9.8
100 4.4 2.1 6.5





#25

2-Butanone

Concen: 148.680 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.012 min

Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

Instrument :

MSVOA_X

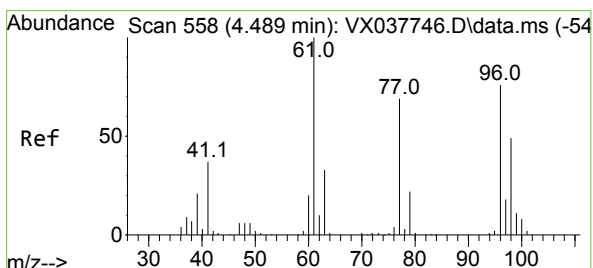
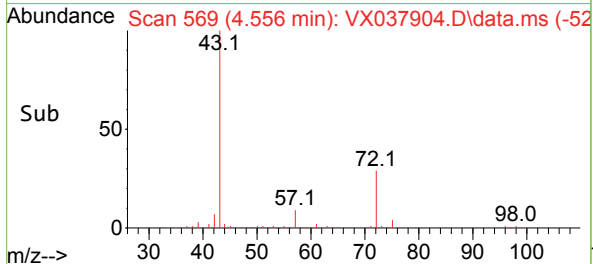
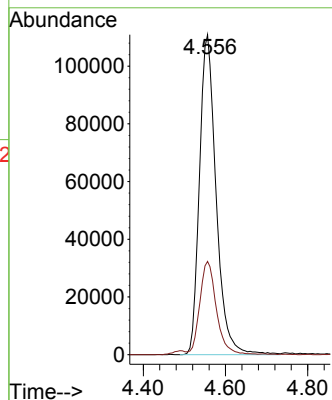
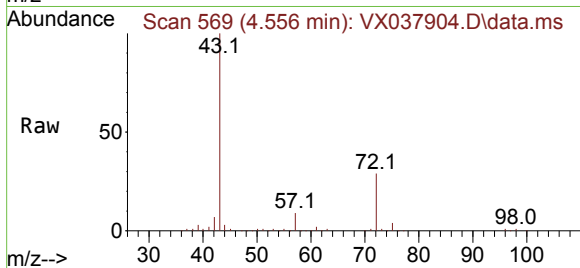
ClientSampleId :

Tgt Ion: 43 Resp: 311486

Ion Ratio Lower Upper

43 100

72 29.0 19.4 29.2



#27

cis-1,2-Dichloroethene

Concen: 131.602 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

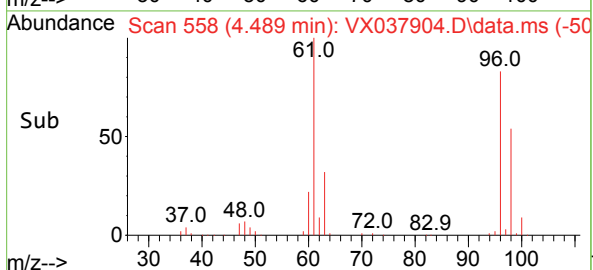
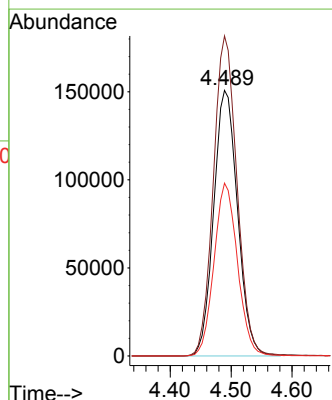
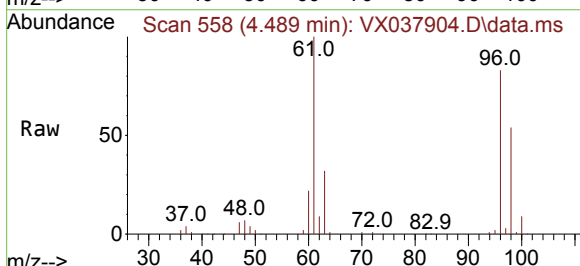
Tgt Ion: 96 Resp: 410538

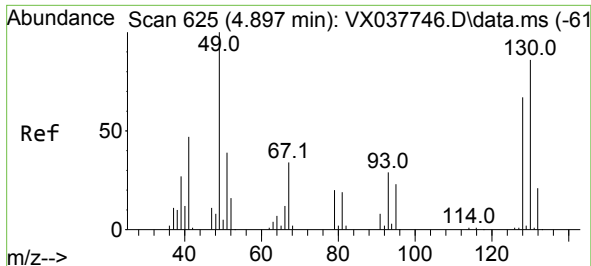
Ion Ratio Lower Upper

96 100

61 119.2 0.0 312.2

98 63.9 0.0 129.0

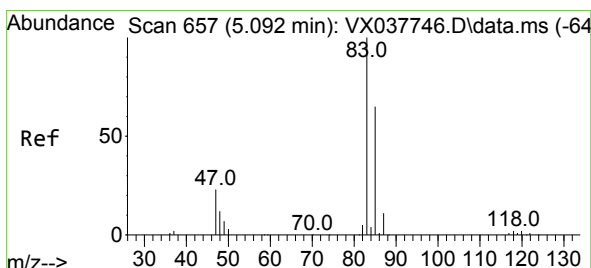
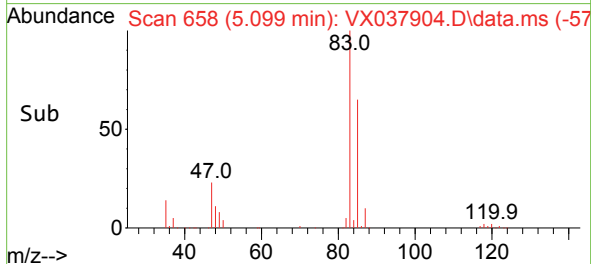
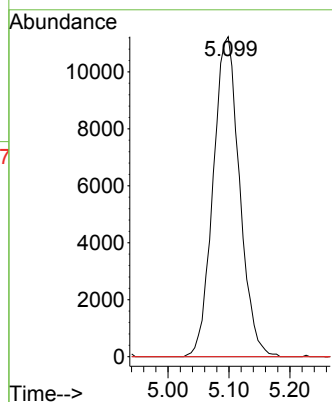
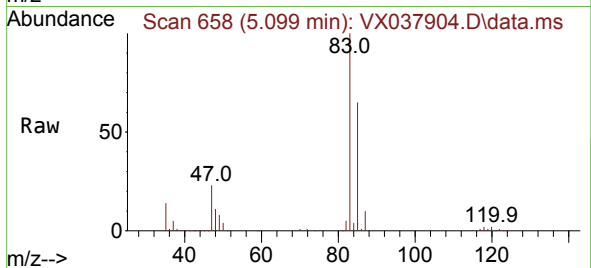




#28
Bromochloromethane
Concen: 15.243 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.195 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

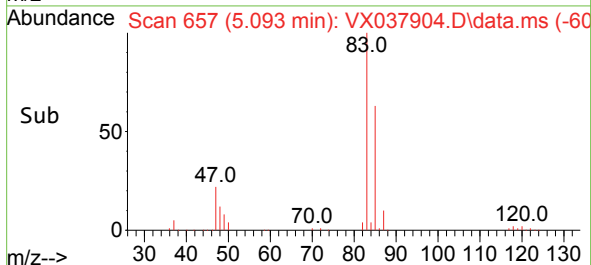
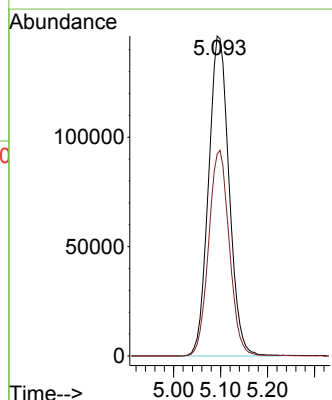
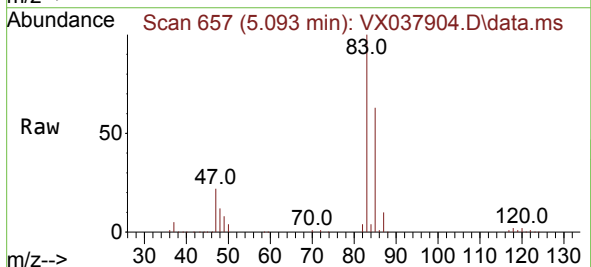
Instrument :
MSVOA_X
ClientSampleId :

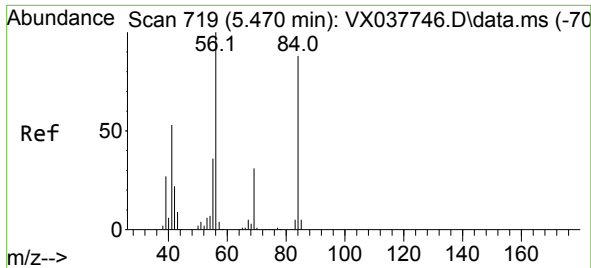
Tgt Ion: 49 Resp: 33876
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 86.525 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

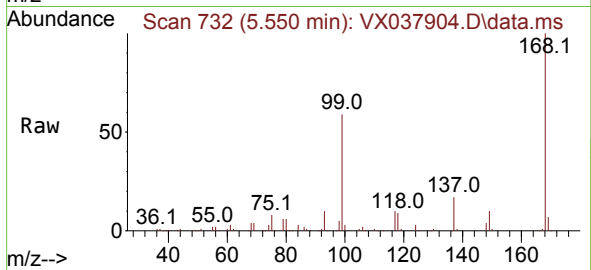
Tgt Ion: 83 Resp: 444047
Ion Ratio Lower Upper
83 100
85 63.1 50.3 75.5



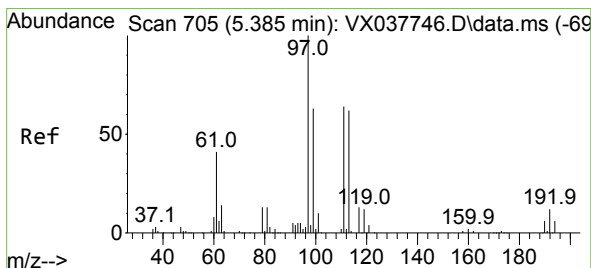
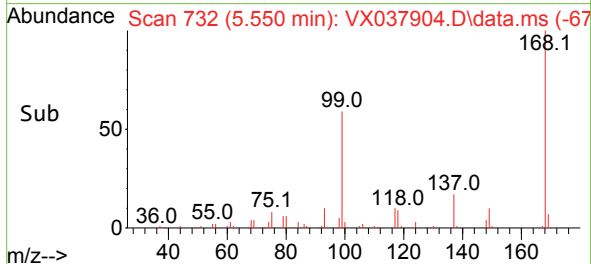
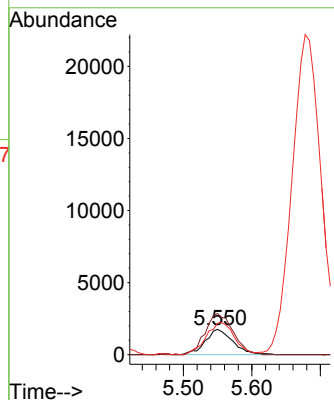


#31
Cyclohexane
Concen: 1.245 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Instrument :
MSVOA_X
ClientSampleId :

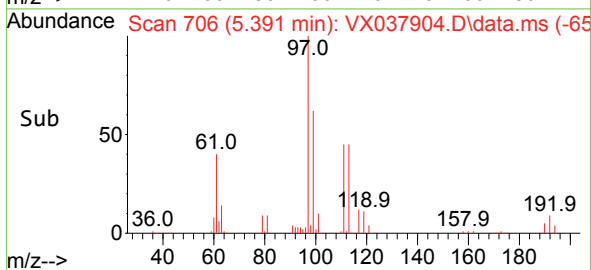
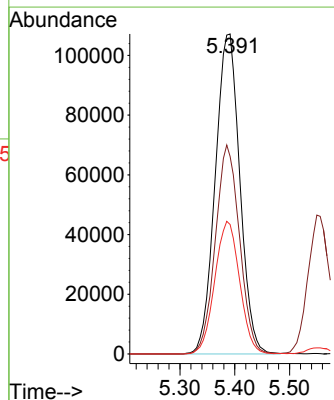
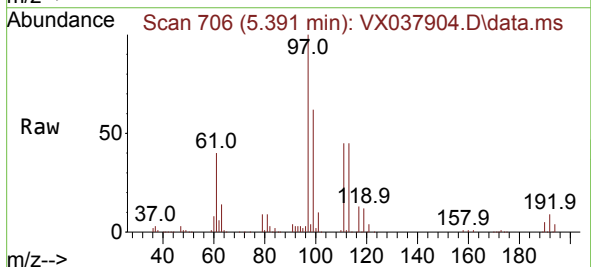


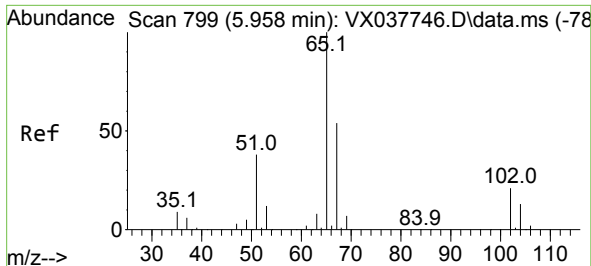
Tgt Ion: 56 Resp: 4931
Ion Ratio Lower Upper
56 100
69 163.4 23.4 35.2#
84 124.1 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 76.972 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Tgt Ion: 97 Resp: 334471
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 41.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 52.043 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

Instrument :

MSVOA_X

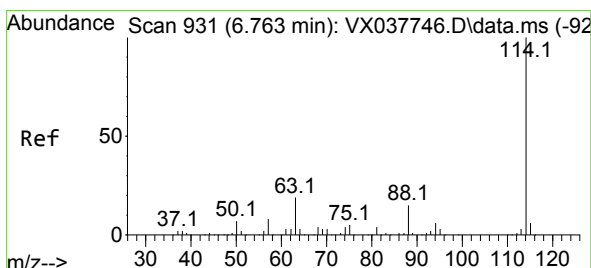
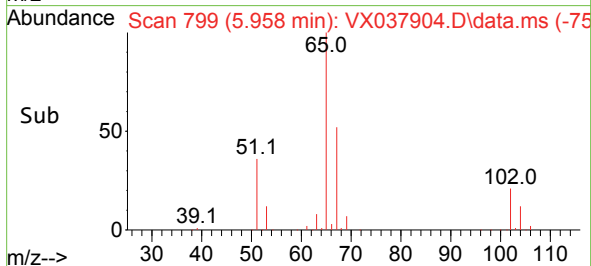
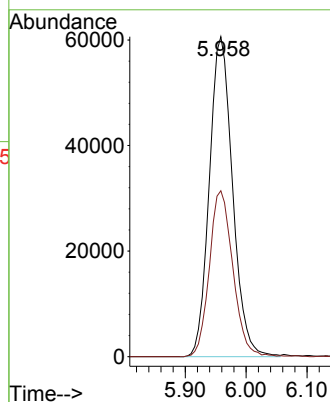
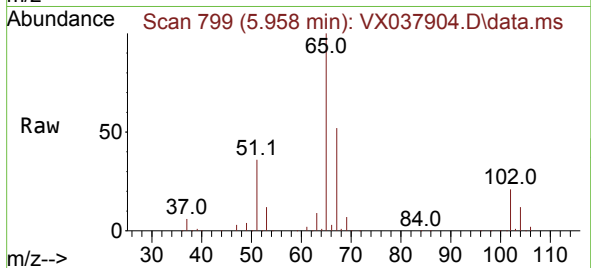
ClientSampleId :

Tgt Ion: 65 Resp: 160611

Ion Ratio Lower Upper

65 100

67 52.5 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: VX037904.D

Acq: 26 Sep 2023 12:47

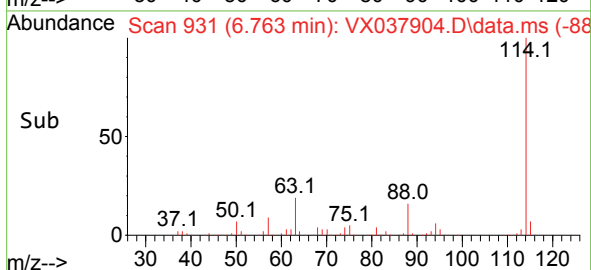
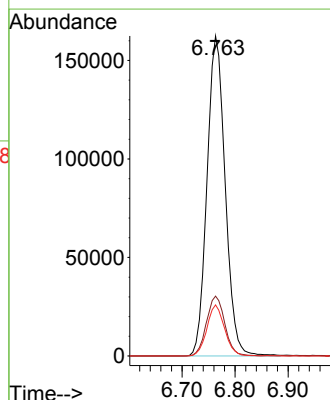
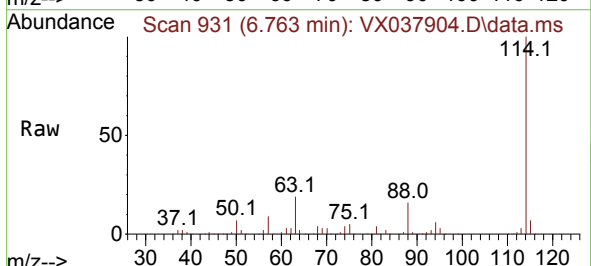
Tgt Ion: 114 Resp: 387054

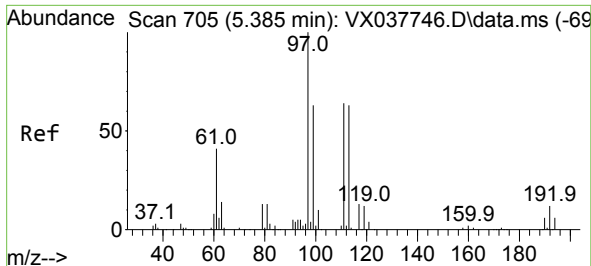
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

88 16.0 0.0 36.6

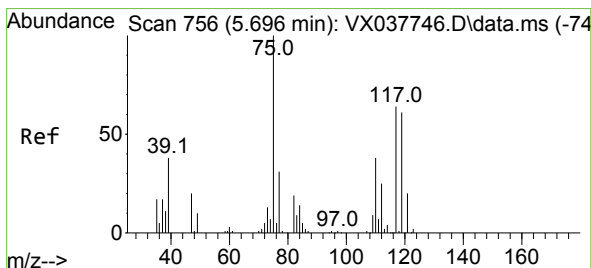
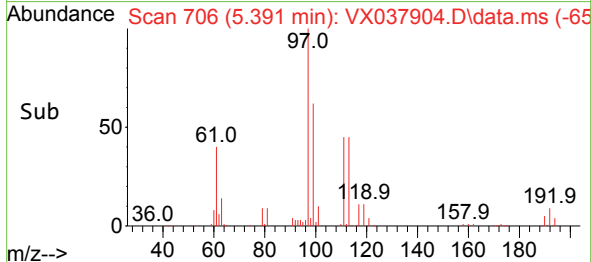
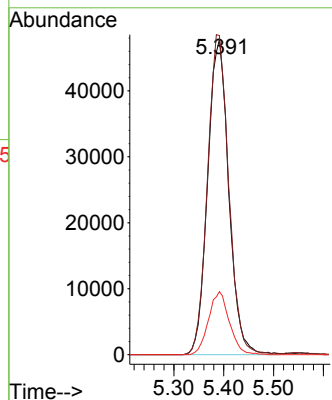
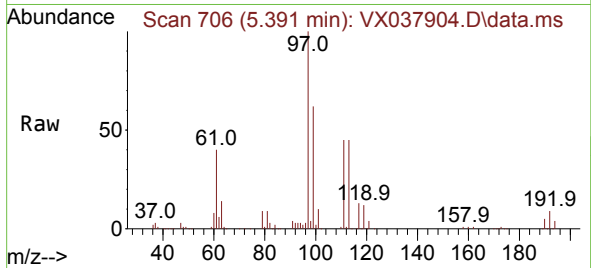




#35
Dibromofluoromethane
Concen: 54.183 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

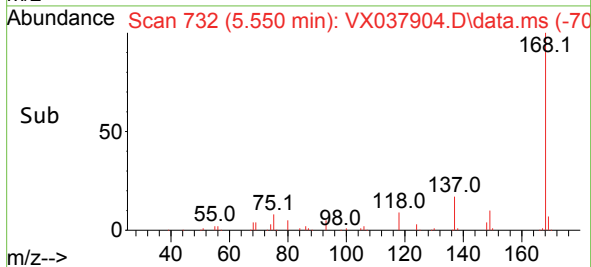
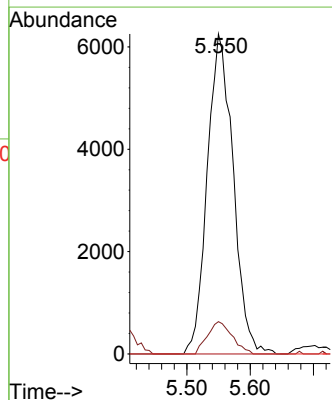
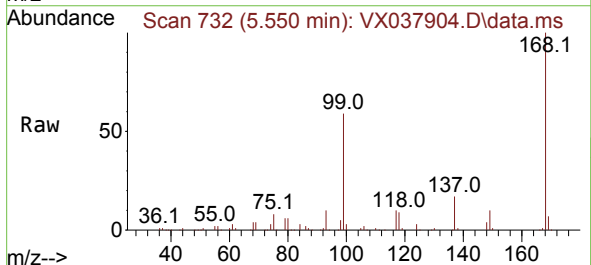
Instrument :
MSVOA_X
ClientSampleId :

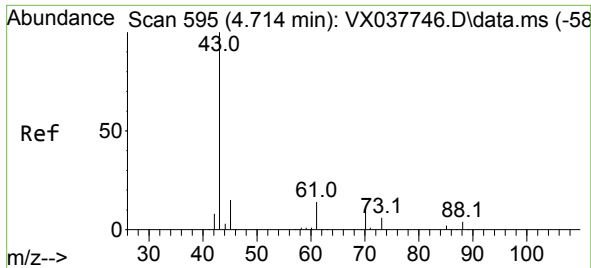
Tgt Ion:113 Resp: 140324
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.977 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Tgt Ion: 75 Resp: 17756
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 79.420 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.177 min

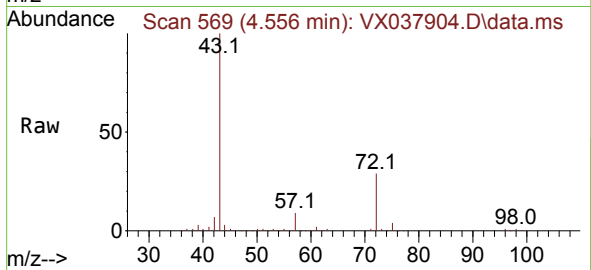
Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :



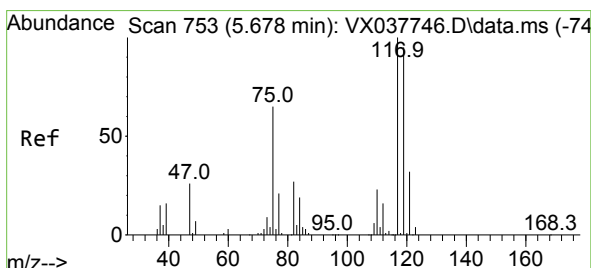
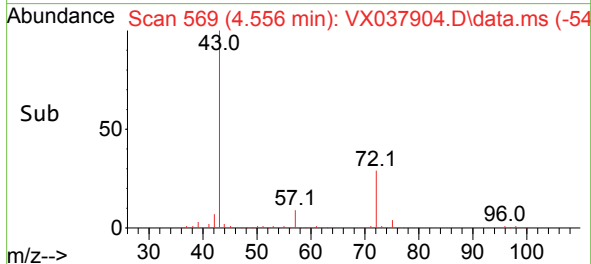
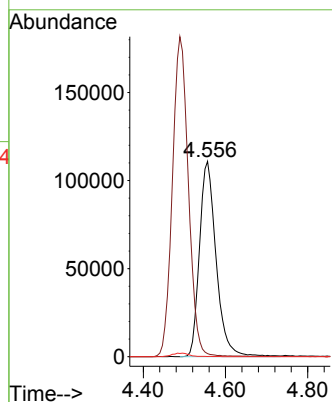
Tgt Ion: 43 Resp: 311486

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 108.912 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

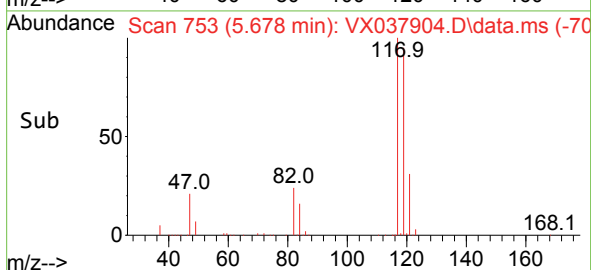
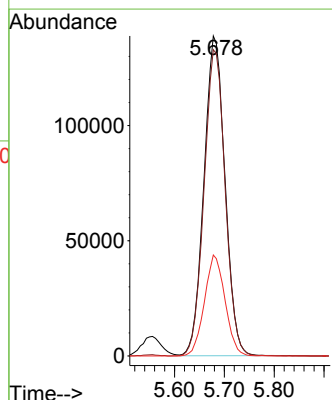
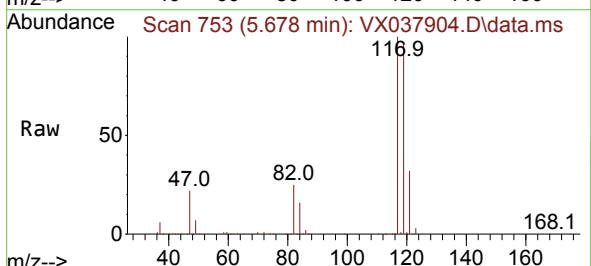
Tgt Ion: 117 Resp: 406545

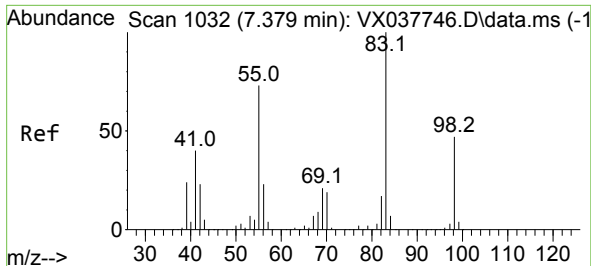
Ion Ratio Lower Upper

117 100

119 95.7 78.2 117.2

121 31.6 24.4 36.6





#39

Methylcyclohexane

Concen: 0.522 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.049 min

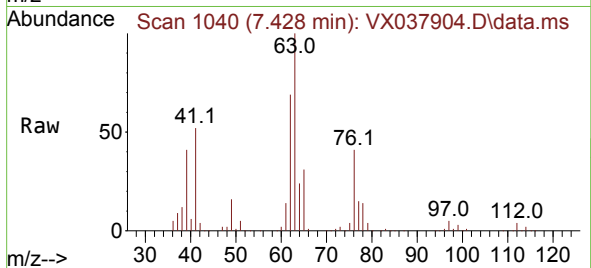
Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

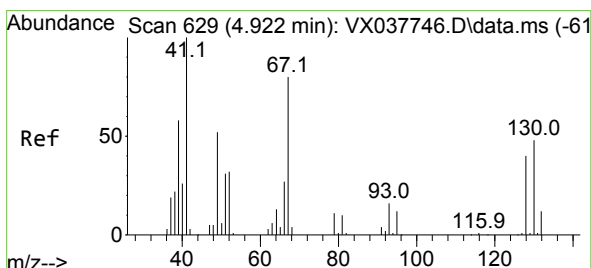
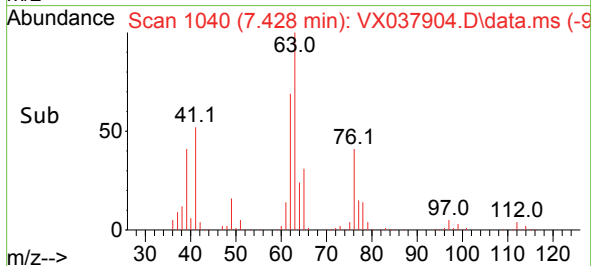
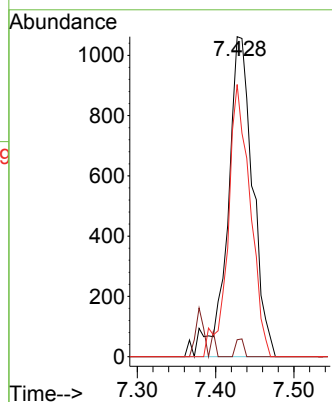
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 83	Resp:	2364
Ion	Ratio	Lower Upper
83	100	
55	5.3	64.6 97.0#
98	85.0	36.7 55.1#



#41

Methacrylonitrile

Concen: 0.417 ug/l

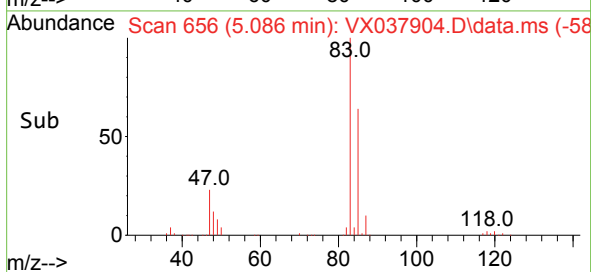
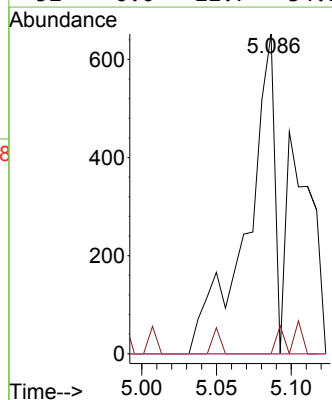
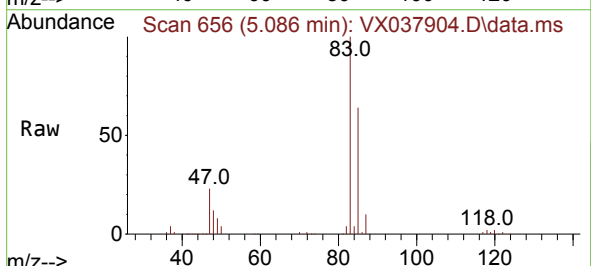
RT: 5.086 min Scan# 656

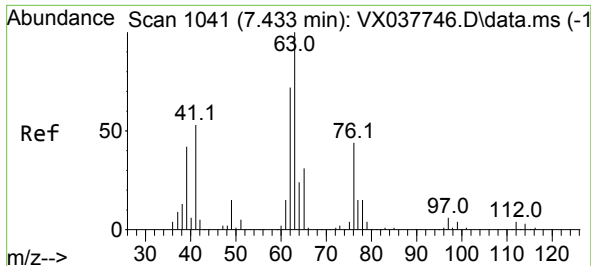
Delta R.T. 0.140 min

Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

Tgt Ion: 41	Resp:	833
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#

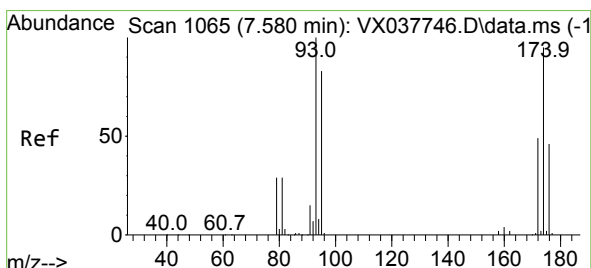
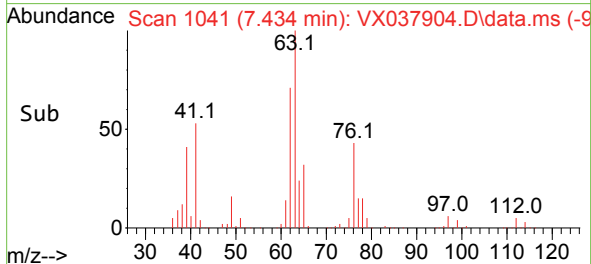
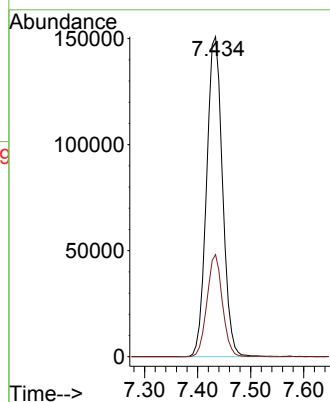
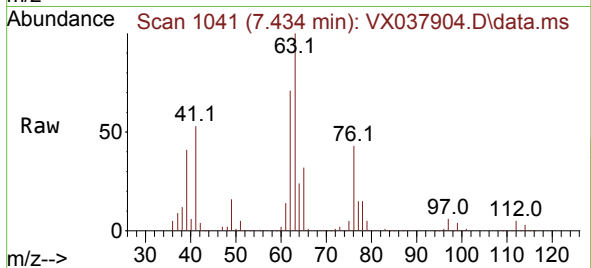




#45
1,2-Dichloropropane
Concen: 110.541 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

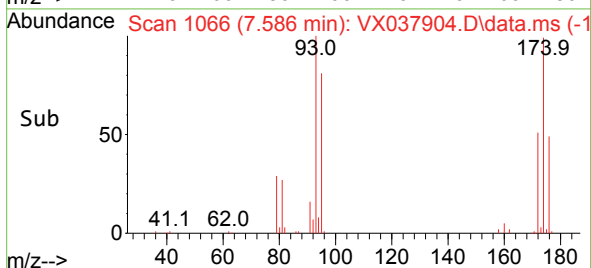
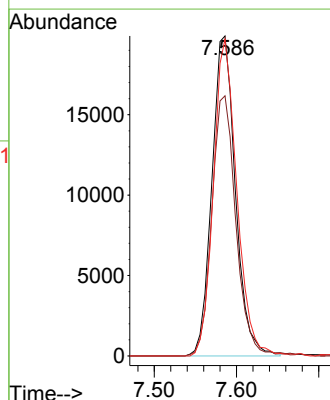
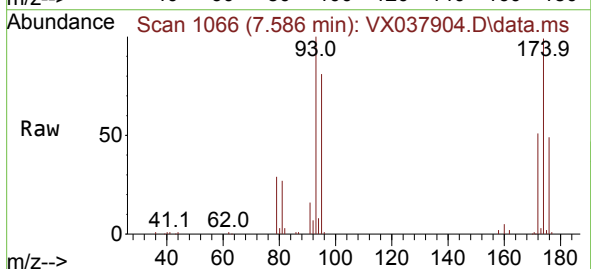
Instrument :
MSVOA_X
ClientSampleId :

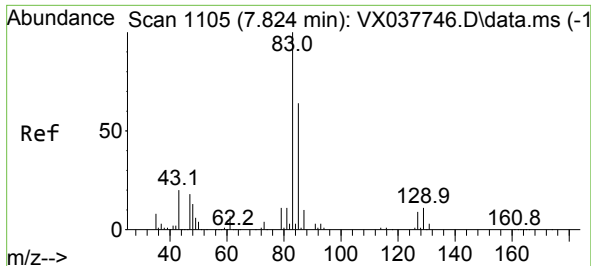
Tgt Ion: 63 Resp: 314937
Ion Ratio Lower Upper
63 100
65 31.9 24.3 36.5



#46
Dibromomethane
Concen: 19.276 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Tgt Ion: 93 Resp: 39506
Ion Ratio Lower Upper
93 100
95 83.3 66.6 100.0
174 99.0 69.4 104.0





#47

Bromodichloromethane

Concen: 0.278 ug/l

RT: 7.830 min Scan# 1105

Delta R.T. 0.006 min

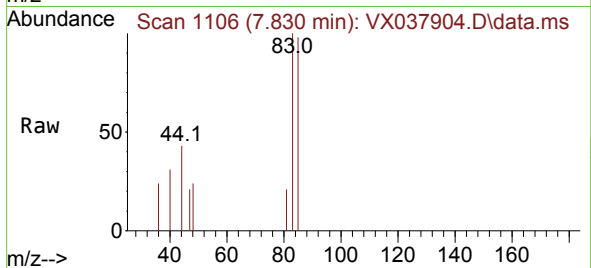
Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

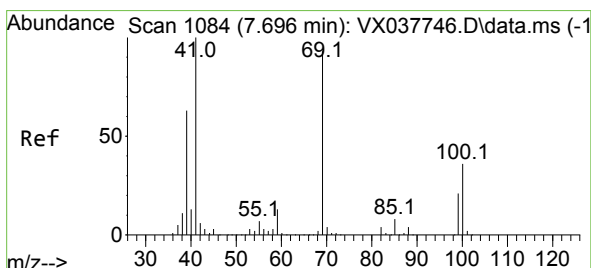
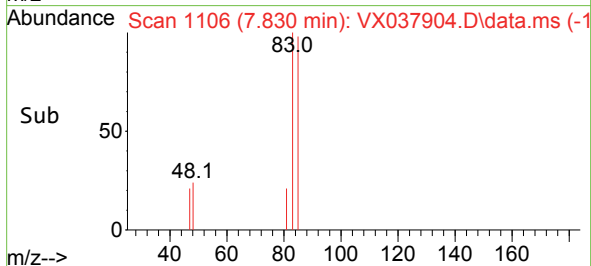
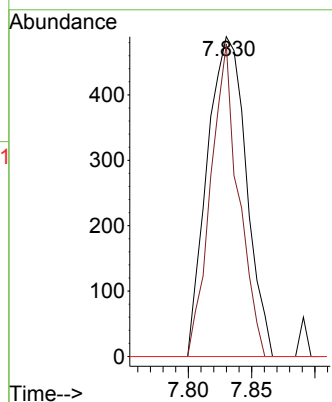
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	83	Resp:	1049
Ion	Ratio	Lower	Upper
83	100		
85	97.8	49.8	74.6#
127	0.0	7.1	10.7#



#48

Methyl methacrylate

Concen: 46.150 ug/l

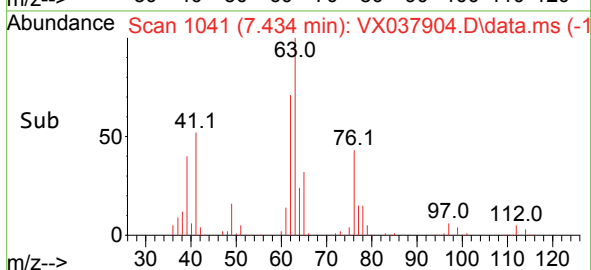
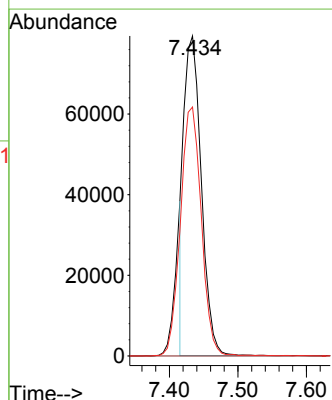
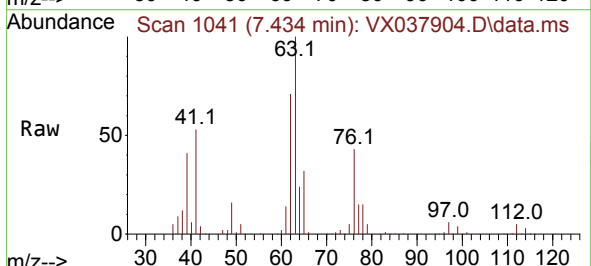
RT: 7.434 min Scan# 1041

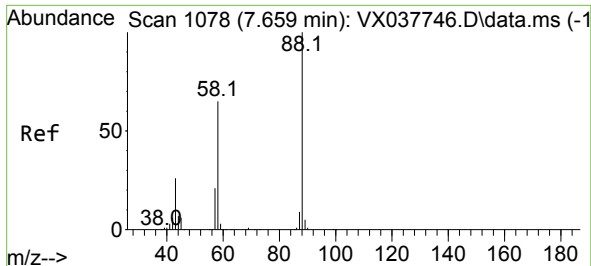
Delta R.T. -0.268 min

Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

Tgt Ion:	41	Resp:	138357
Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.2	88.8#
39	78.1	47.7	71.5#





#49

1,4-Dioxane

Concen: 1.043 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.092 min

Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :

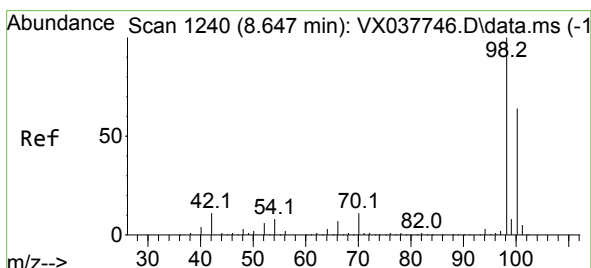
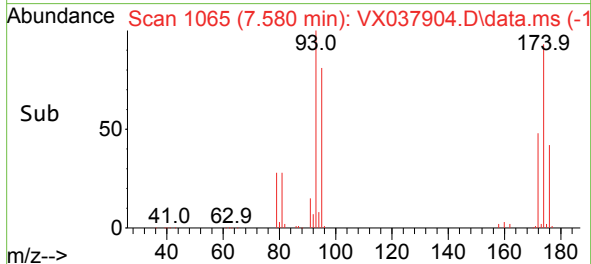
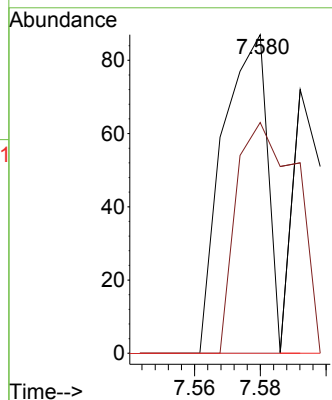
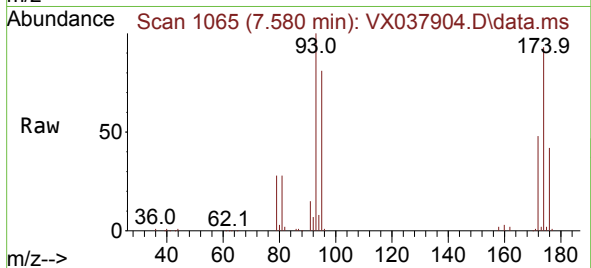
Tgt Ion: 88 Resp: 82

Ion Ratio Lower Upper

88 100

43 97.6 0.0 0.0#

58 0.0 60.1 90.1#



#50

Toluene-d8

Concen: 52.422 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037904.D

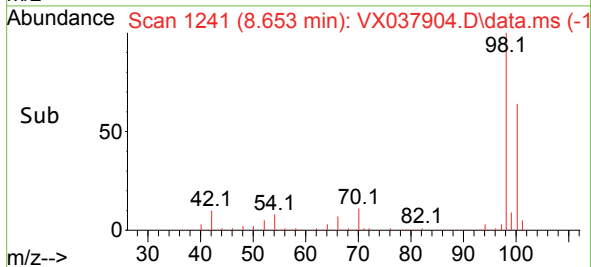
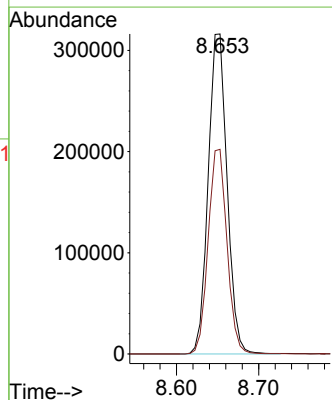
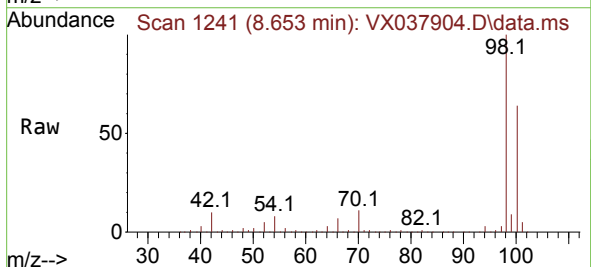
Acq: 26 Sep 2023 12:47

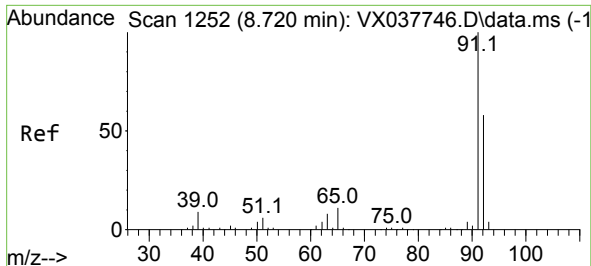
Tgt Ion: 98 Resp: 504441

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7

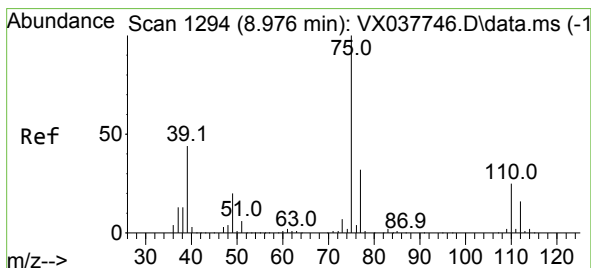
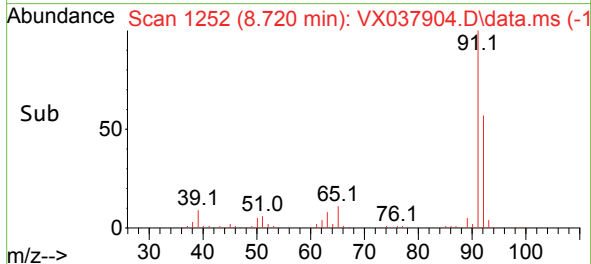
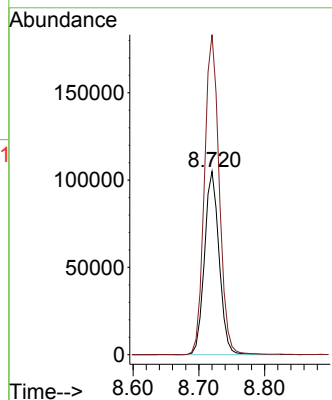
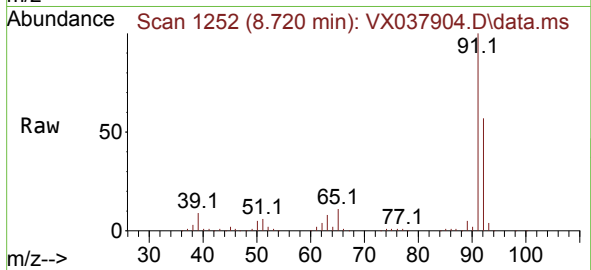




#52
Toluene
Concen: 22.948 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

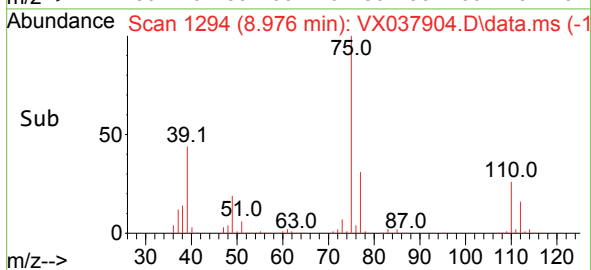
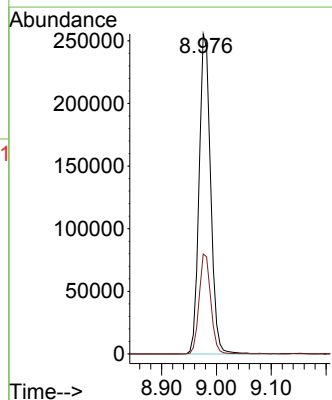
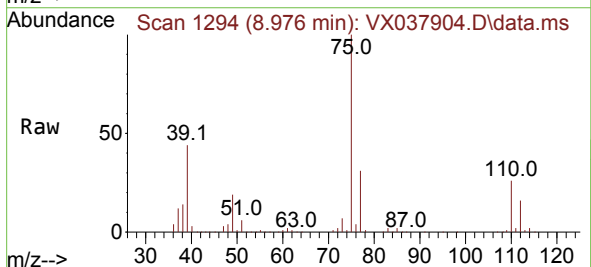
Instrument :
MSVOA_X
ClientSampleId :

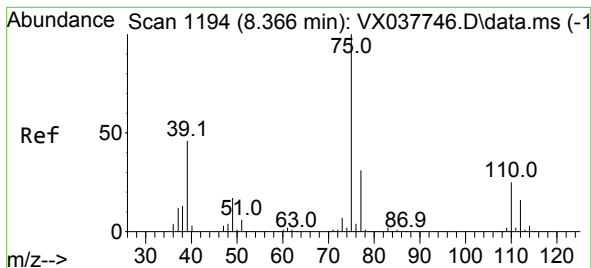
Tgt Ion: 92 Resp: 162251
Ion Ratio Lower Upper
92 100
91 176.3 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 94.799 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.012 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

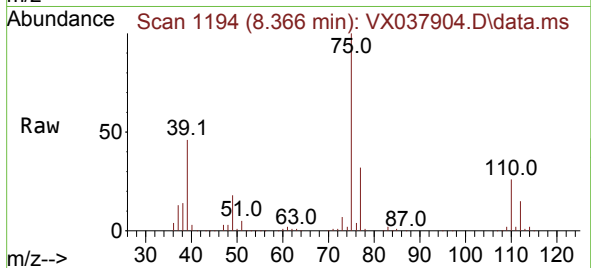
Tgt Ion: 75 Resp: 374140
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5



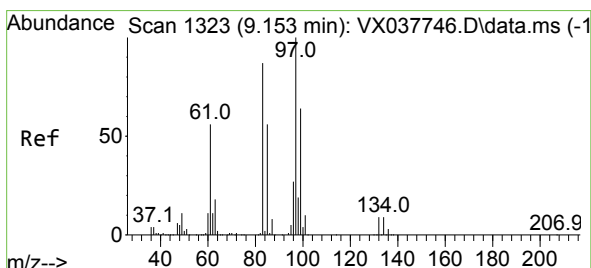
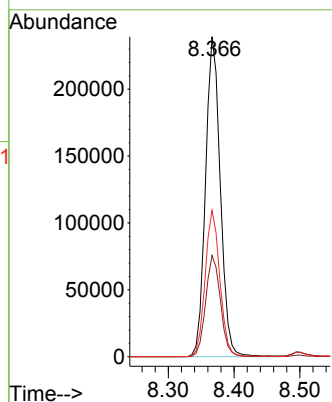
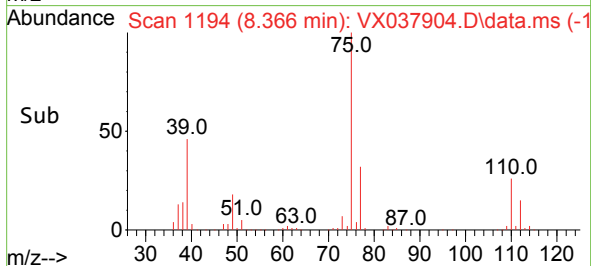


#54
cis-1,3-Dichloropropene
Concen: 85.794 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Instrument :
MSVOA_X
ClientSampleId :

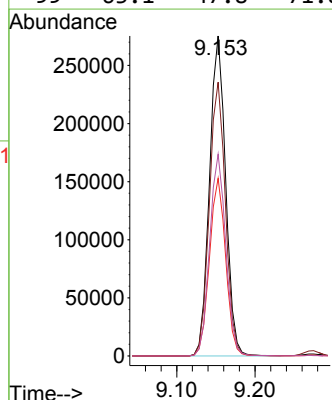
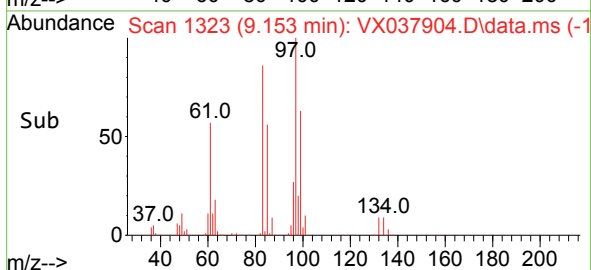
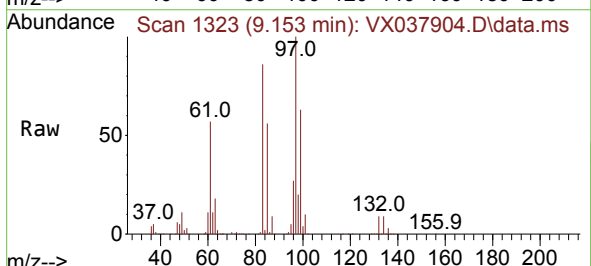


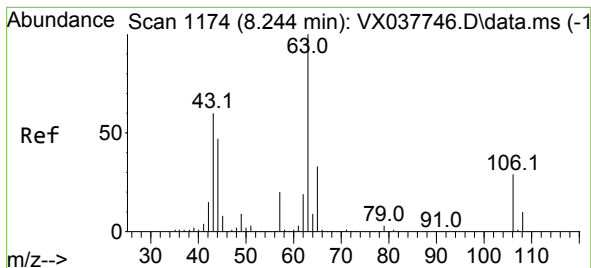
Tgt Ion: 75 Resp: 374738
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 45.7 46.7 70.1#



#55
1,1,2-Trichloroethane
Concen: 132.049 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Tgt Ion: 97 Resp: 393638
Ion Ratio Lower Upper
97 100
83 85.5 65.8 98.8
85 55.5 41.6 62.4
99 63.1 47.8 71.8

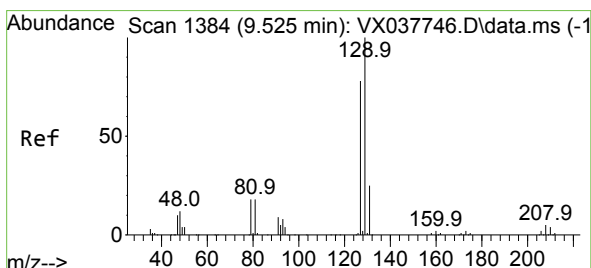
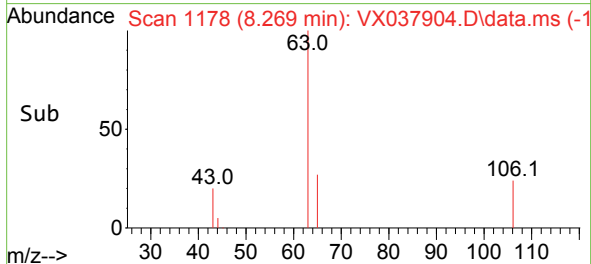
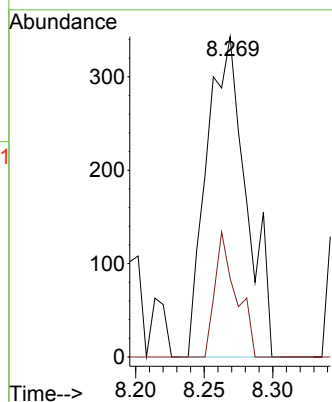
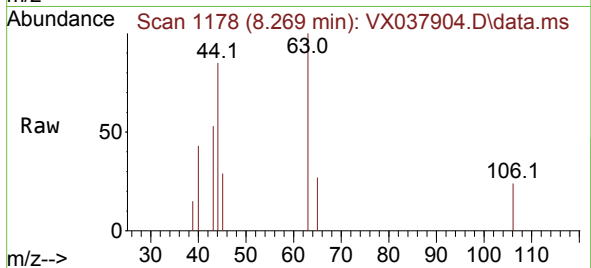




#58
2-Chloroethyl Vinyl ether
Concen: 0.331 ug/l
RT: 8.269 min Scan# 1178
Delta R.T. 0.024 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

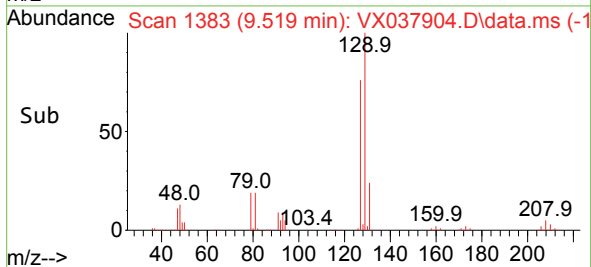
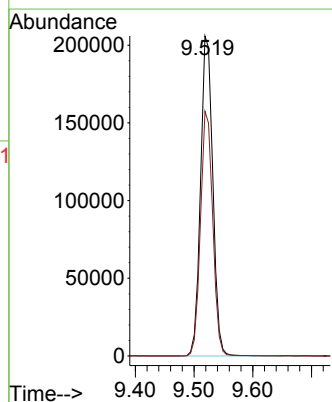
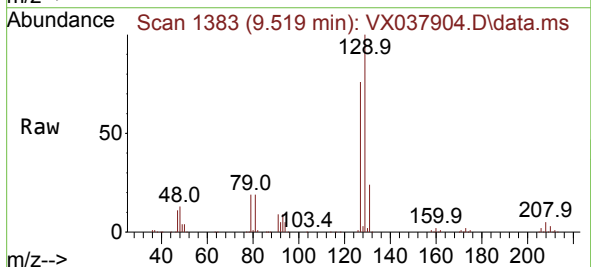
Instrument :
MSVOA_X
ClientSampleId :

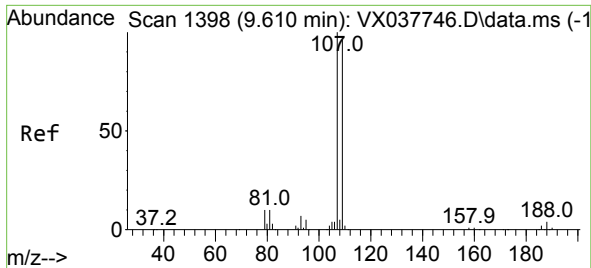
Tgt Ion: 63 Resp: 688
Ion Ratio Lower Upper
63 100
106 21.1 22.5 33.7#



#60
Dibromochloromethane
Concen: 99.931 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Tgt Ion: 129 Resp: 296757
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4

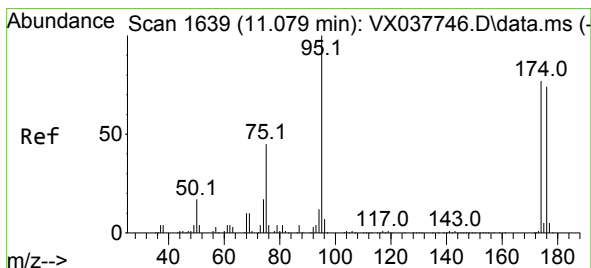
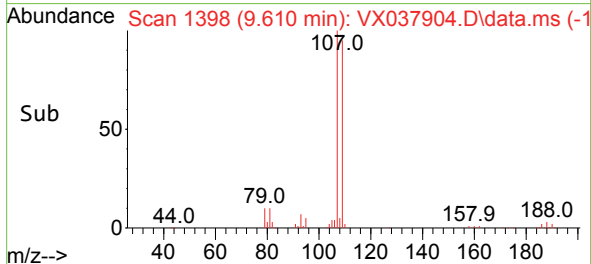
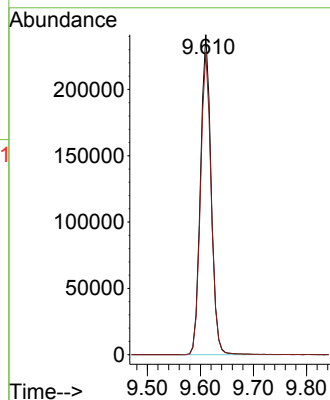
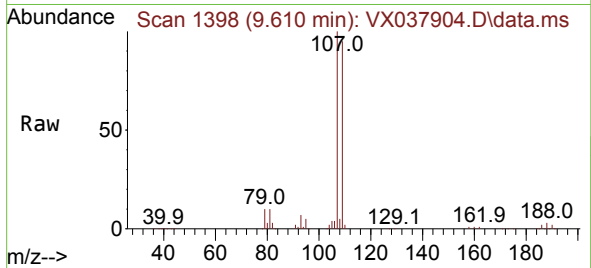




#61
1,2-Dibromoethane
Concen: 106.439 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

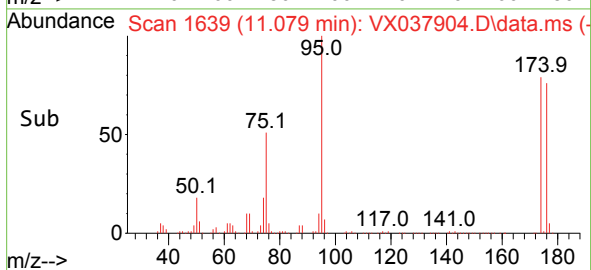
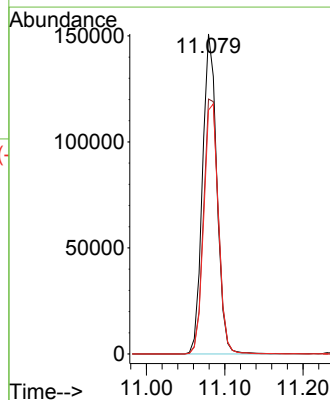
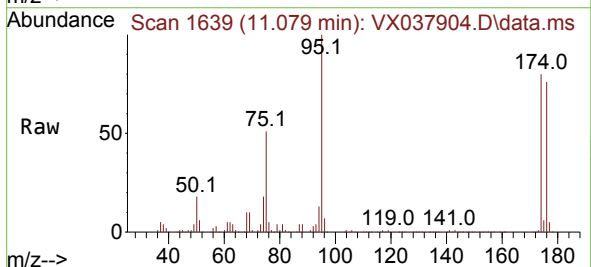
Instrument :
MSVOA_X
ClientSampleId :

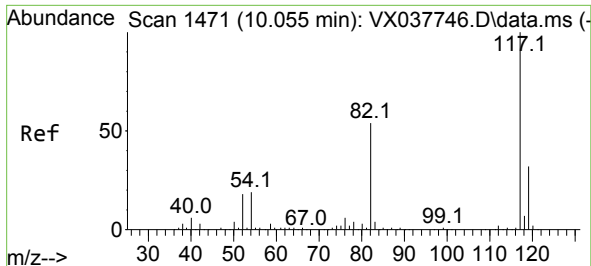
Tgt Ion:107 Resp: 335942
Ion Ratio Lower Upper
107 100
109 94.5 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 54.959 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

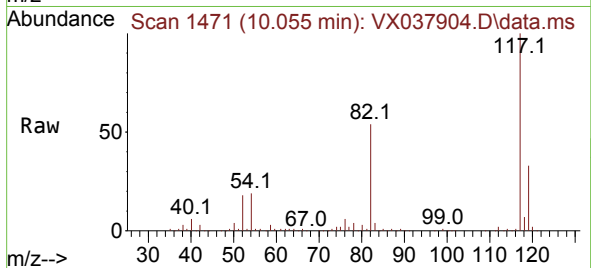
Tgt Ion: 95 Resp: 192177
Ion Ratio Lower Upper
95 100
174 82.6 0.0 135.6
176 79.8 0.0 131.0



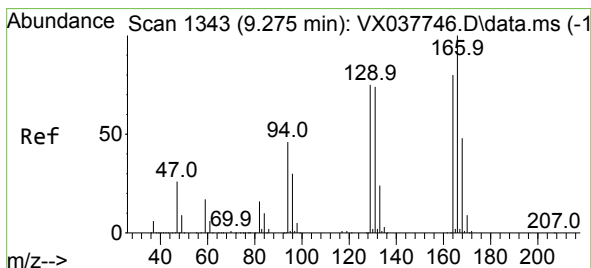
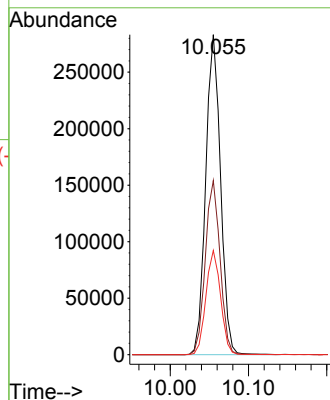
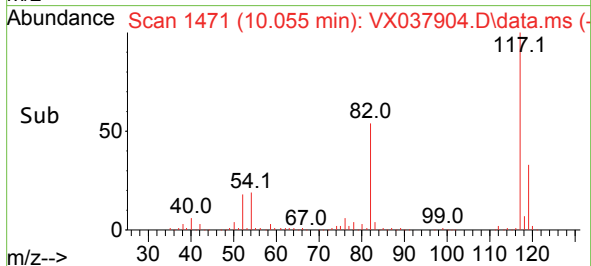


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Instrument :
MSVOA_X
ClientSampleId :

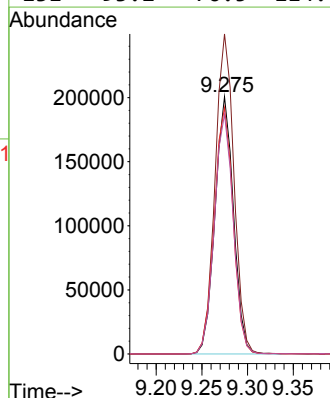
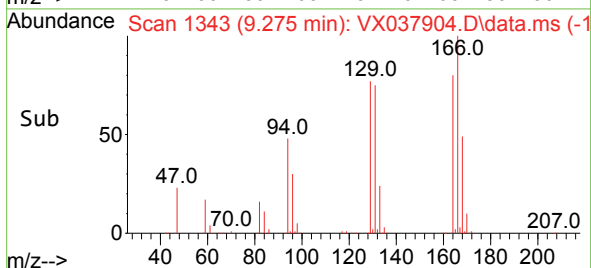
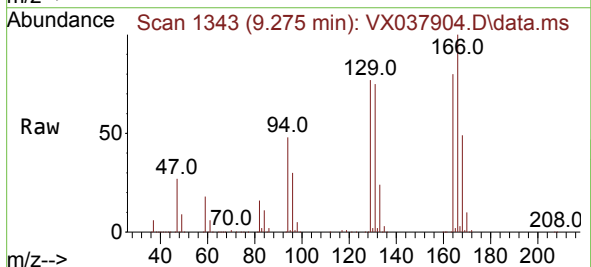


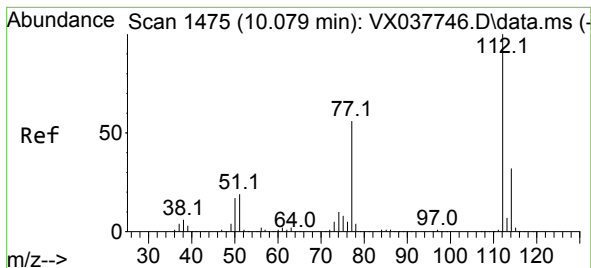
Tgt Ion:117 Resp: 371214
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 111.397 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Tgt Ion:164 Resp: 282016
Ion Ratio Lower Upper
164 100
166 124.4 102.7 154.1
129 95.8 80.4 120.6
131 93.2 76.5 114.7





#65

Chlorobenzene

Concen: 47.974 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

Instrument :

MSVOA_X

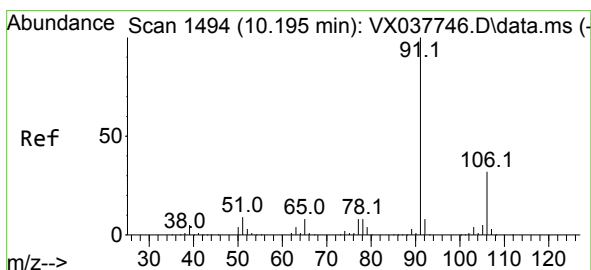
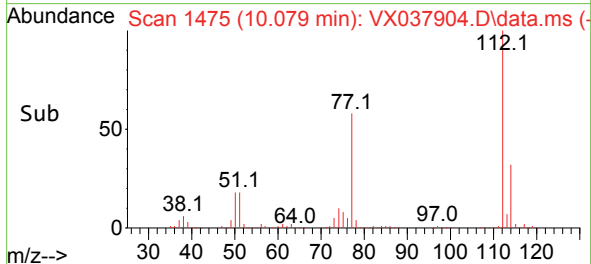
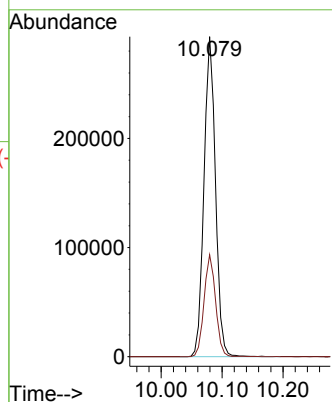
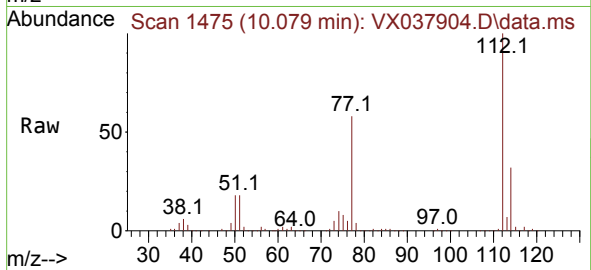
ClientSampleId :

Tgt Ion:112 Resp: 384130

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5



#67

Ethyl Benzene

Concen: 58.970 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037904.D

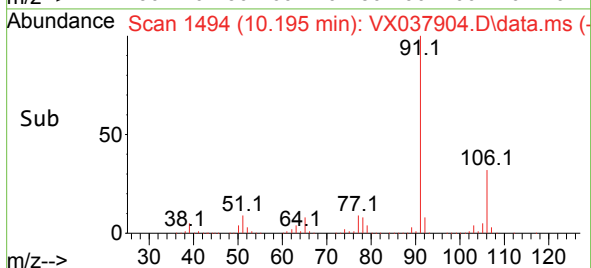
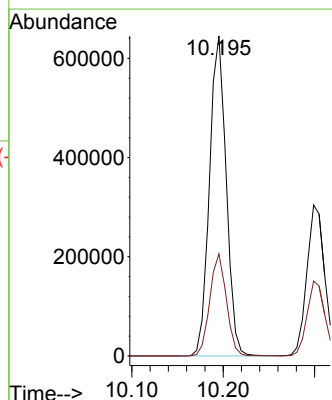
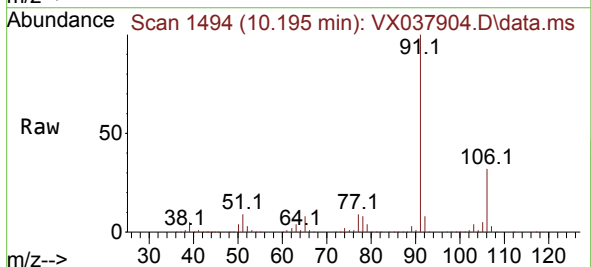
Acq: 26 Sep 2023 12:47

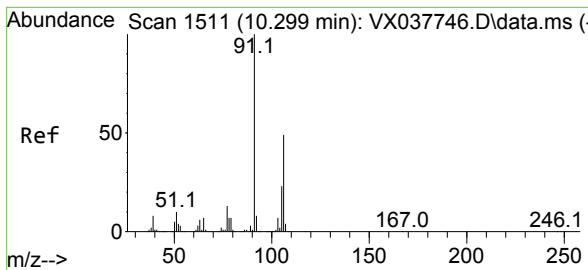
Tgt Ion: 91 Resp: 818645

Ion Ratio Lower Upper

91 100

106 31.9 24.9 37.3

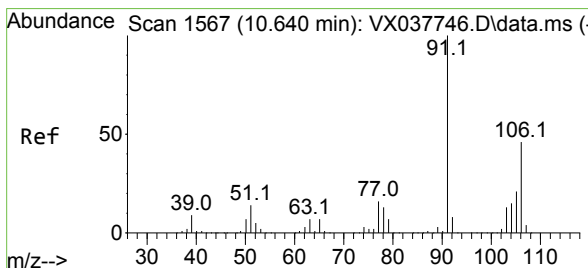
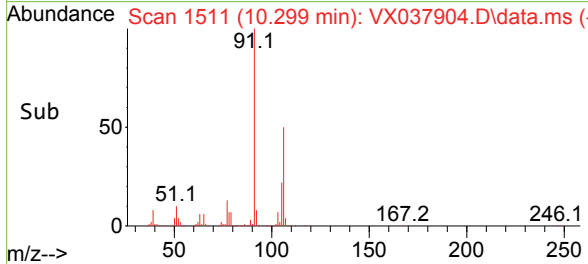
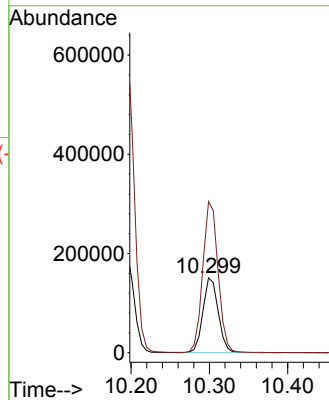
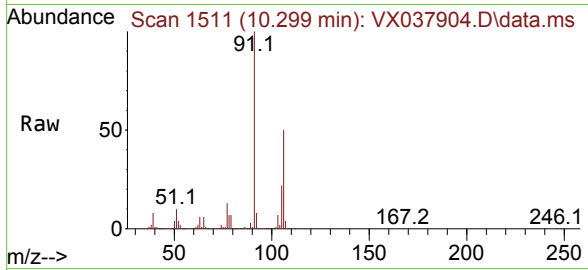




#68
m/p-Xylenes
Concen: 37.968 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

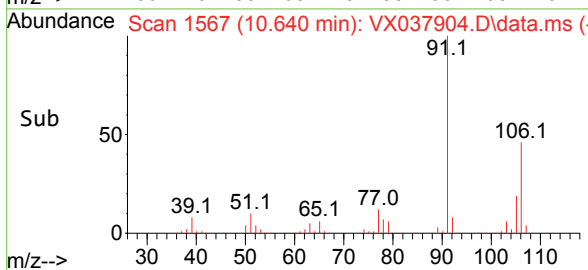
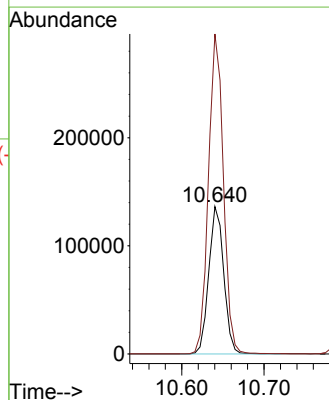
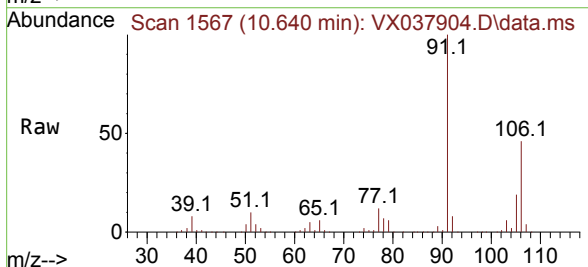
Instrument :
MSVOA_X
ClientSampleId :

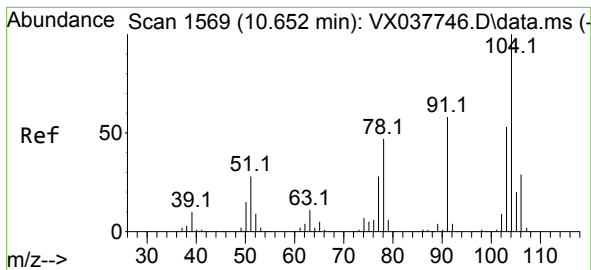
Tgt Ion:106 Resp: 203674
Ion Ratio Lower Upper
106 100
91 203.2 165.5 248.3



#69
o-Xylene
Concen: 32.141 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Tgt Ion:106 Resp: 172892
Ion Ratio Lower Upper
106 100
91 216.1 108.9 326.8





#70

Styrene

Concen: 1.073 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.018 min

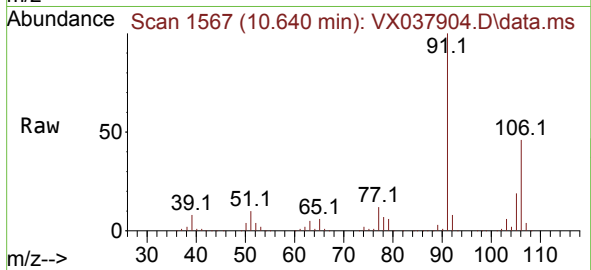
Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :



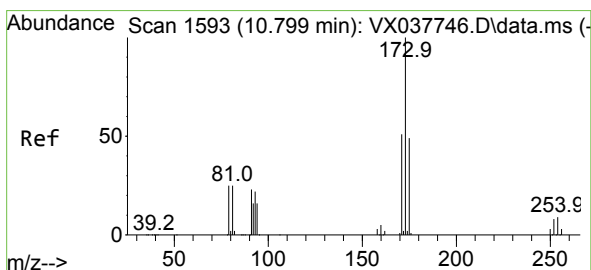
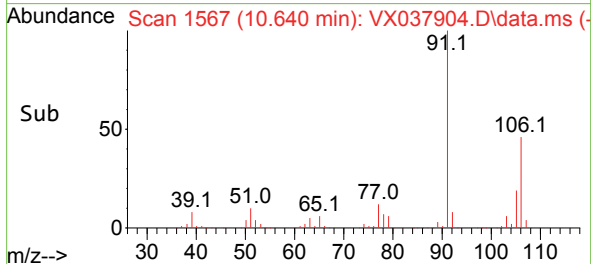
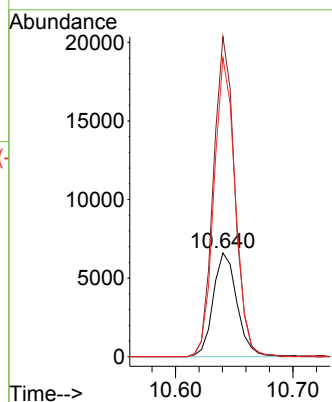
Tgt Ion:104 Resp: 9270

Ion Ratio Lower Upper

104 100

78 277.2 43.6 65.4#

103 259.1 43.6 65.4#



#71

Bromoform

Concen: 92.263 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

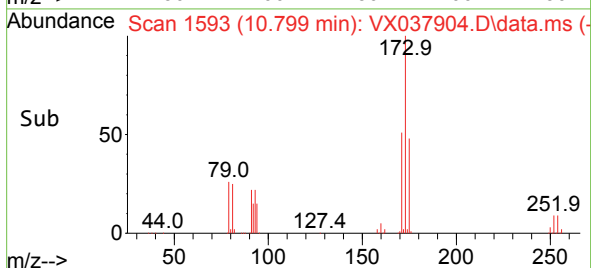
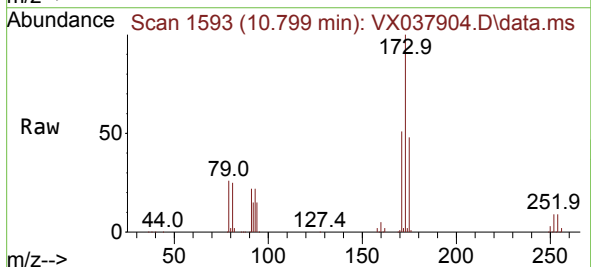
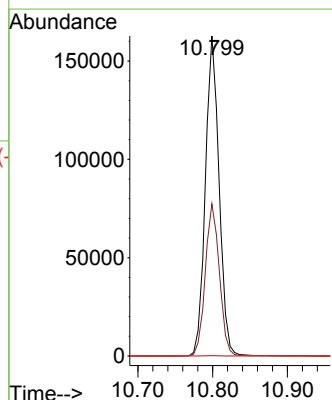
Tgt Ion:173 Resp: 206817

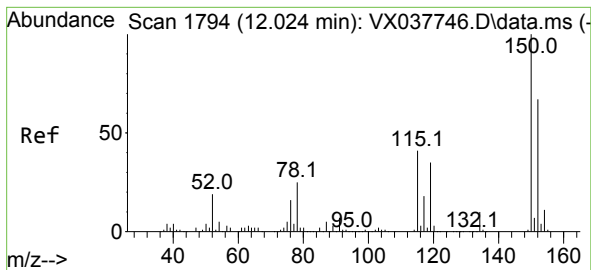
Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.4

254 0.1 0.0 0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :

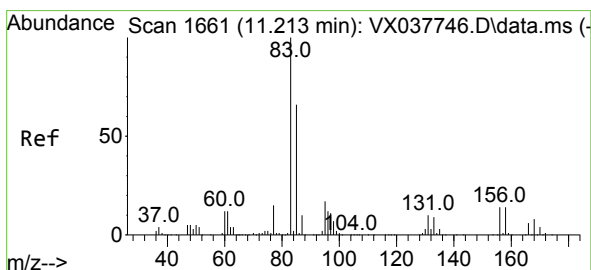
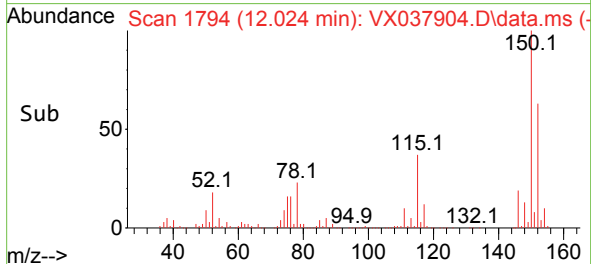
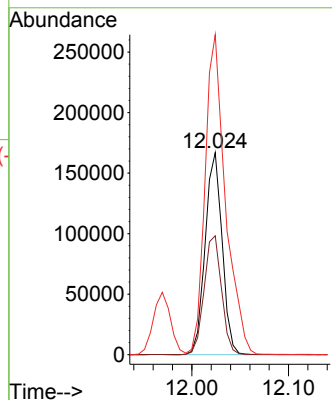
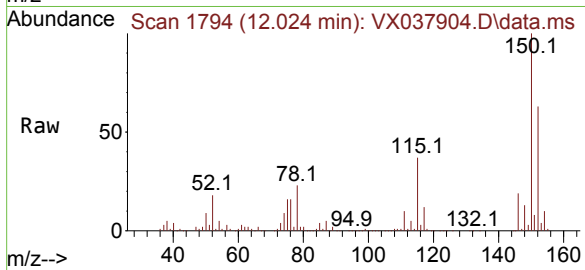
Tgt Ion:152 Resp: 204358

Ion Ratio Lower Upper

152 100

115 60.5 43.3 129.9

150 189.9 0.0 345.0



#75

1,1,2,2-Tetrachloroethane

Concen: 1.259 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.024 min

Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

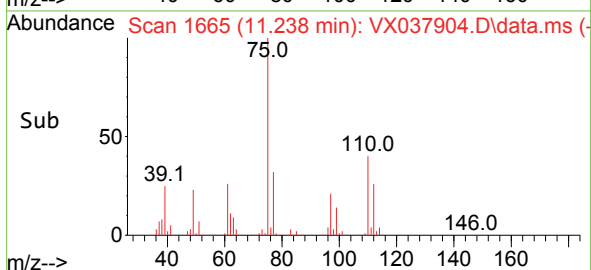
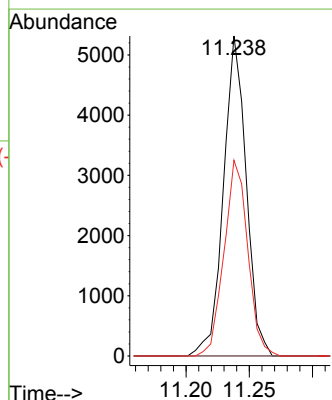
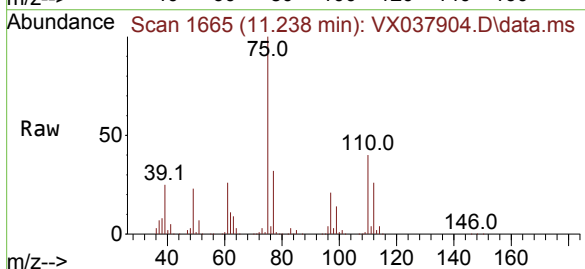
Tgt Ion: 83 Resp: 6639

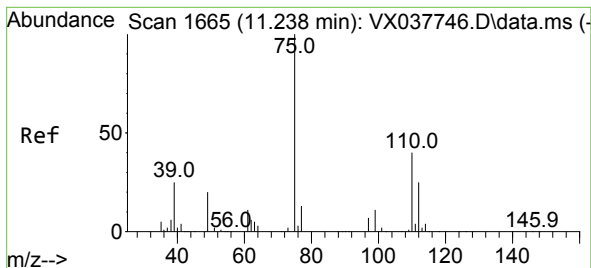
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 63.8 32.0 96.2





#76

1,2,3-Trichloropropane

Concen: 46.887 ug/l

RT: 11.238 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

Instrument :

MSVOA_X

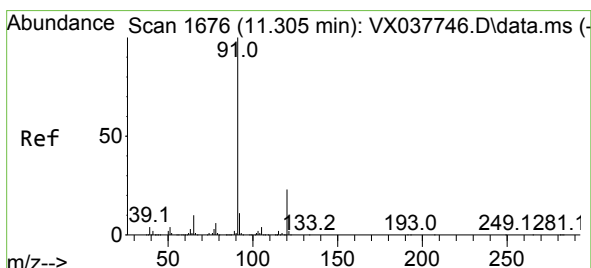
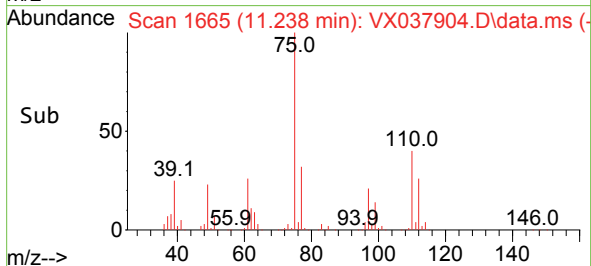
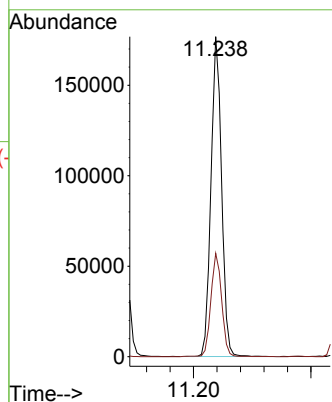
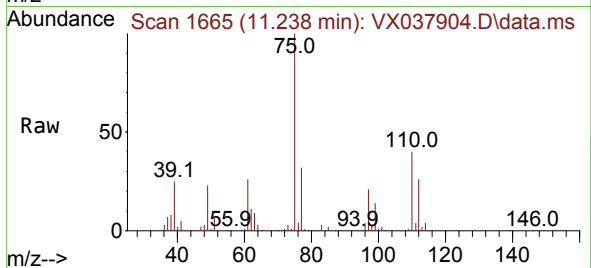
ClientSampleId :

Tgt Ion: 75 Resp: 221614

Ion Ratio Lower Upper

75 100

77 33.0 19.1 57.5



#78

n-propylbenzene

Concen: 7.154 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.146 min

Lab File: VX037904.D

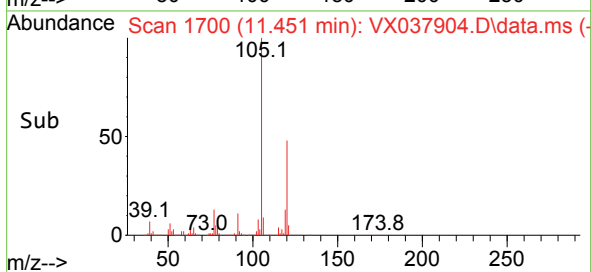
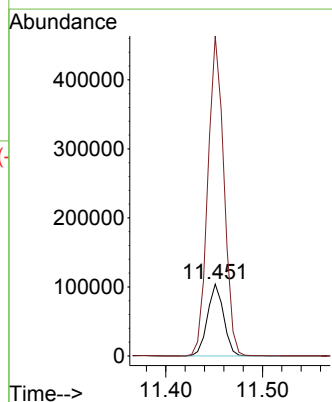
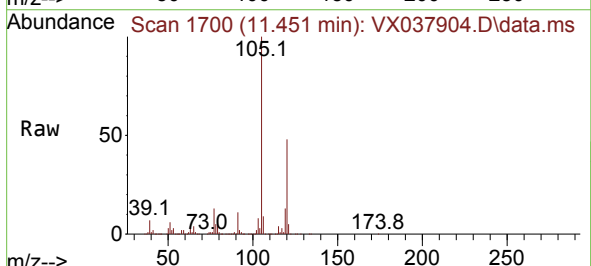
Acq: 26 Sep 2023 12:47

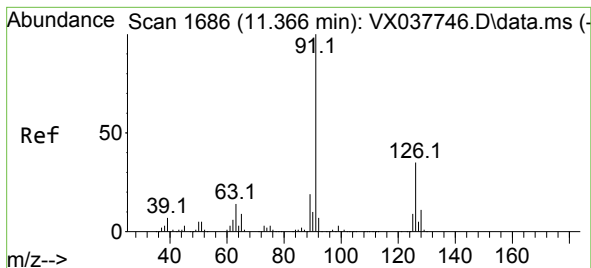
Tgt Ion: 91 Resp: 121133

Ion Ratio Lower Upper

91 100

120 444.0 11.5 34.4#





#79

2-Chlorotoluene

Concen: 11.603 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.085 min

Lab File: VX037904.D

Acq: 26 Sep 2023 12:47

Instrument :

MSVOA_X

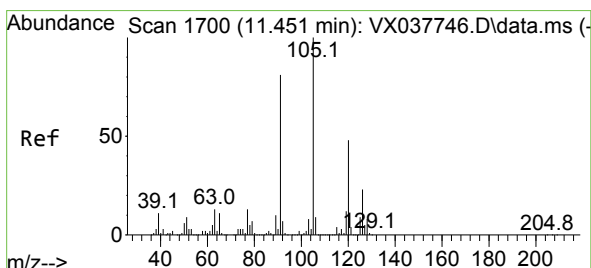
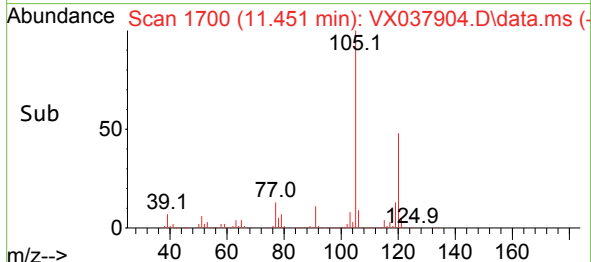
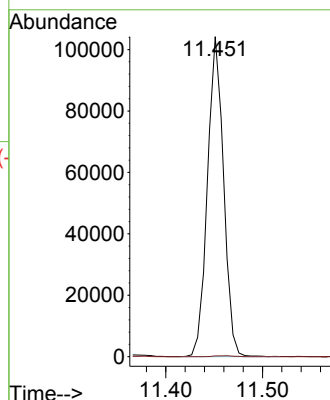
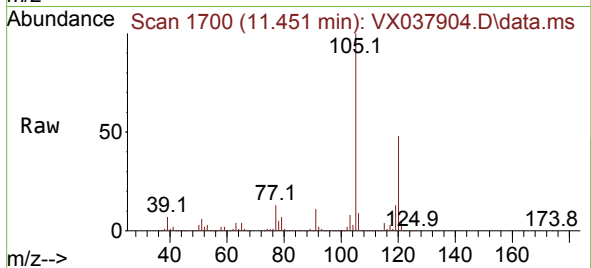
ClientSampleId :

Tgt Ion: 91 Resp: 121133

Ion Ratio Lower Upper

91 100

126 0.3 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 88.018 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037904.D

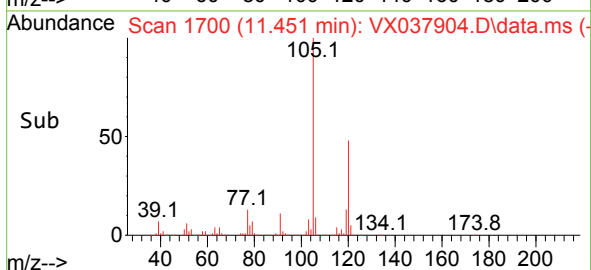
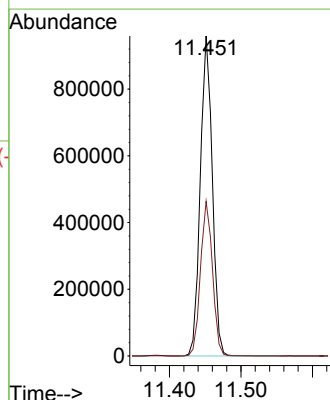
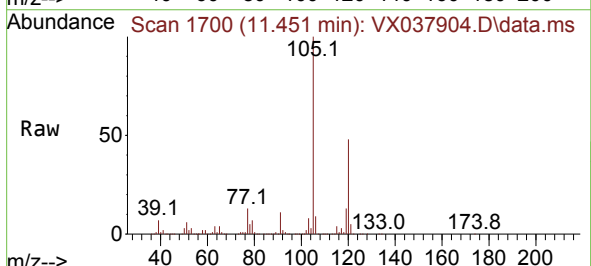
Acq: 26 Sep 2023 12:47

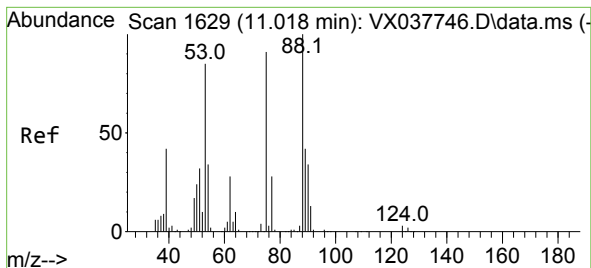
Tgt Ion:105 Resp: 1114426

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3

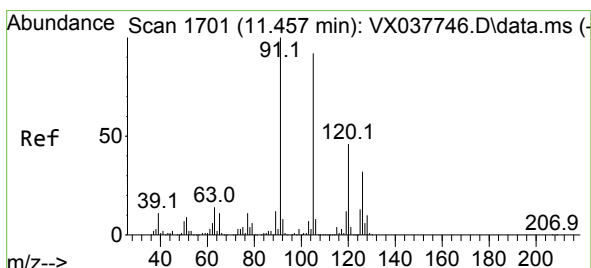
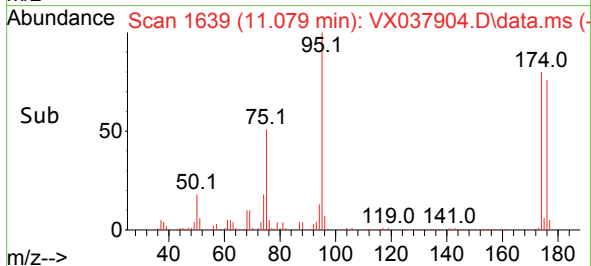
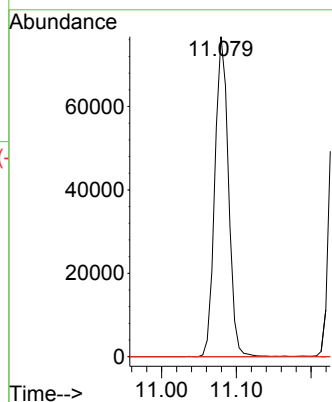
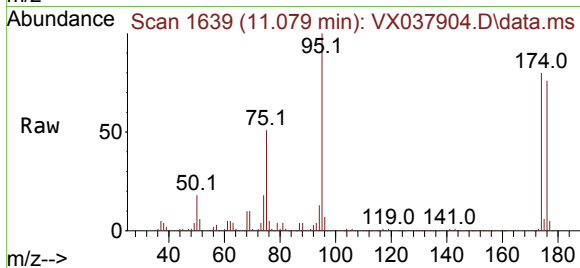




#81
trans-1,4-Dichloro-2-butene
Concen: 66.030 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

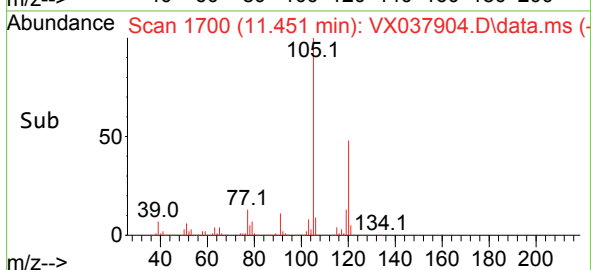
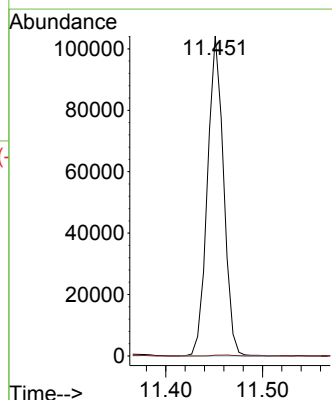
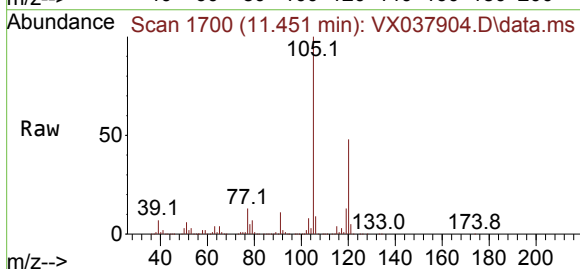
Instrument :
MSVOA_X
ClientSampleId :

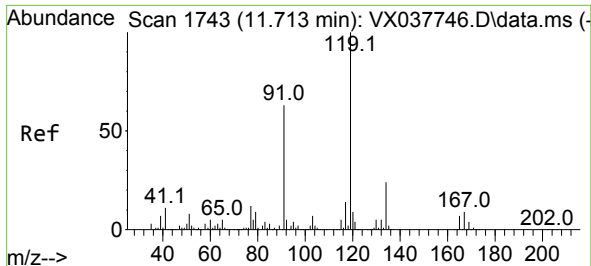
Tgt Ion: 75 Resp: 97428
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 10.306 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Tgt Ion: 91 Resp: 121133
Ion Ratio Lower Upper
91 100
126 0.3 14.2 42.6#

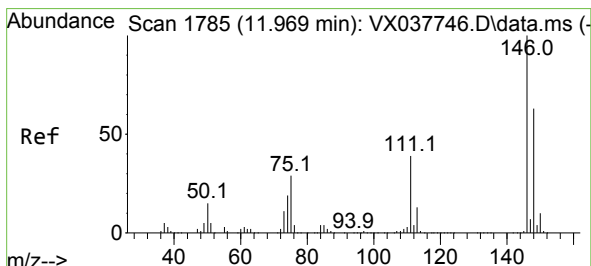
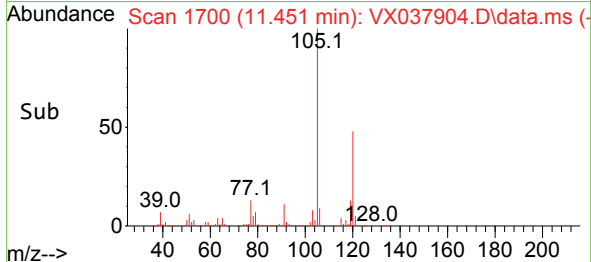
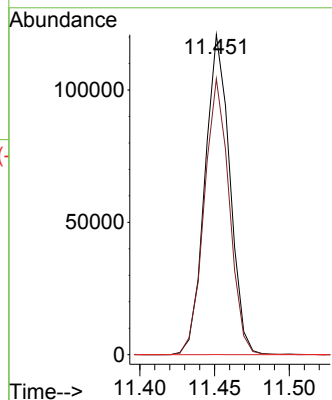
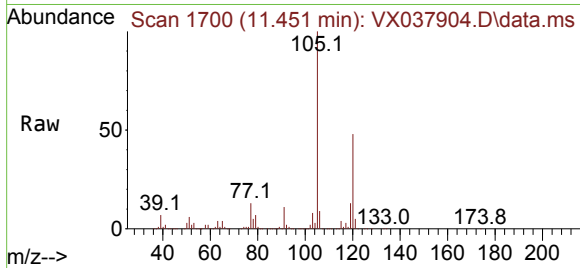




#83
tert-Butylbenzene
Concen: 10.884 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.262 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

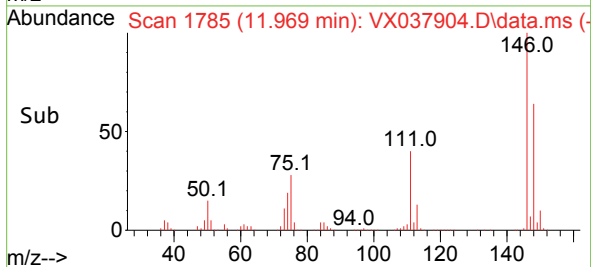
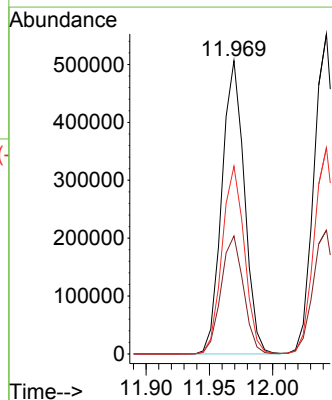
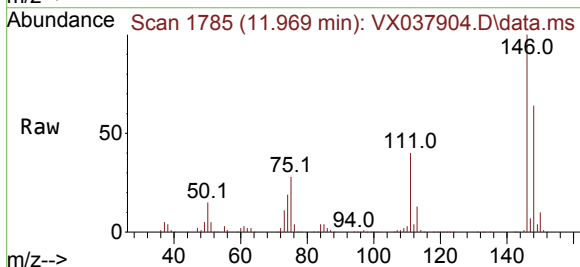
Instrument :
MSVOA_X
ClientSampleId :

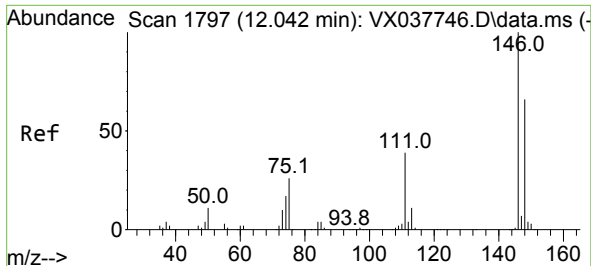
Tgt Ion:119 Resp: 139277
Ion Ratio Lower Upper
119 100
91 86.5 31.2 93.6
134 0.0 11.7 35.0#



#87
1,3-Dichlorobenzene
Concen: 90.575 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Tgt Ion:146 Resp: 626543
Ion Ratio Lower Upper
146 100
111 40.3 22.1 66.1
148 63.5 31.8 95.3

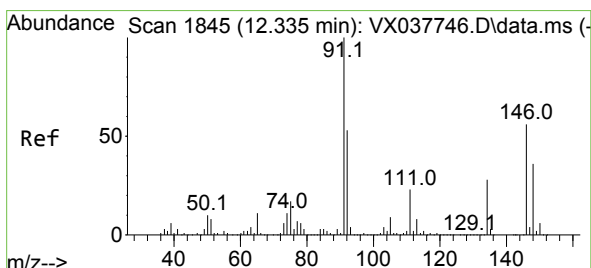
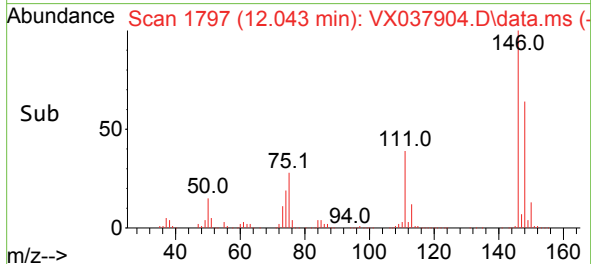
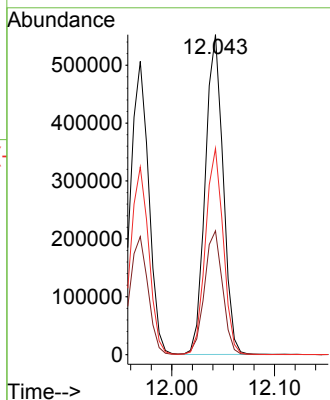
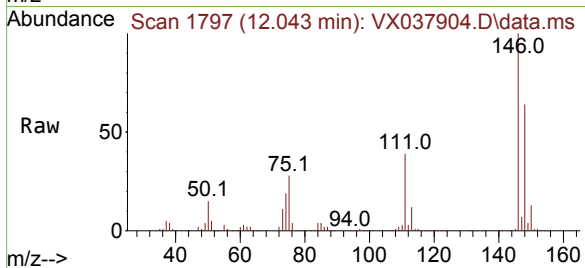




#88
1,4-Dichlorobenzene
Concen: 94.213 ug/l
RT: 12.043 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

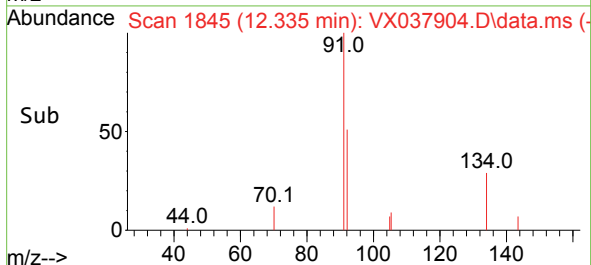
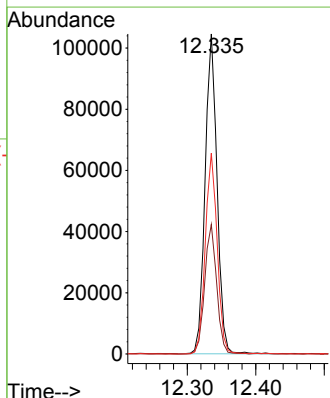
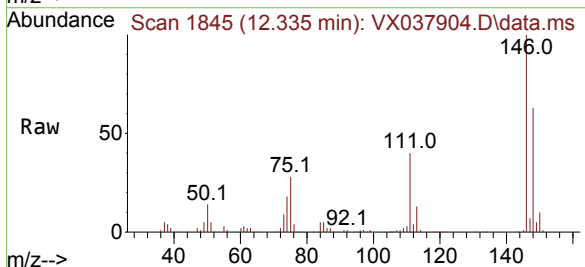
Instrument :
MSVOA_X
ClientSampleId :

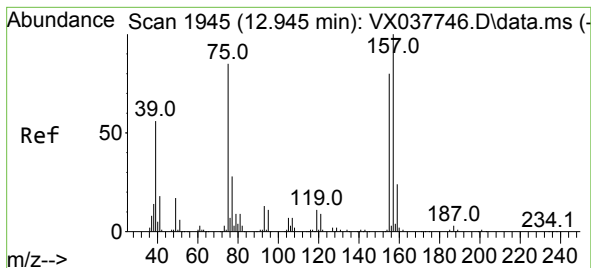
Tgt Ion:146 Resp: 666884
Ion Ratio Lower Upper
146 100
111 39.3 21.3 63.7
148 64.1 31.8 95.4



#91
1,2-Dichlorobenzene
Concen: 17.958 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Tgt Ion:146 Resp: 126831
Ion Ratio Lower Upper
146 100
111 40.8 22.4 67.0
148 62.9 31.6 95.0

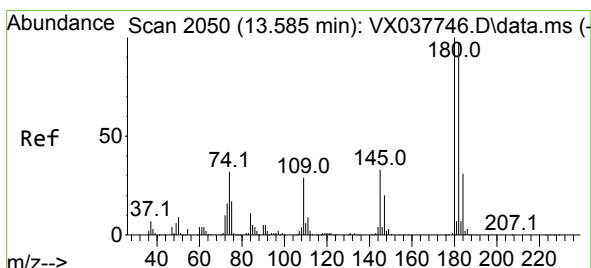
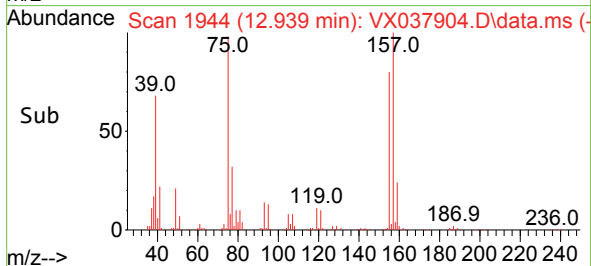
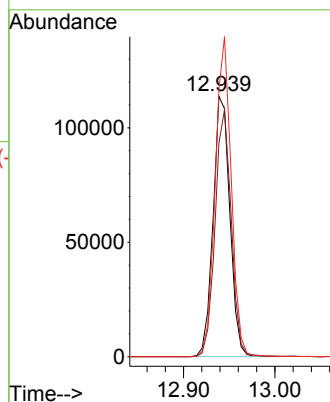
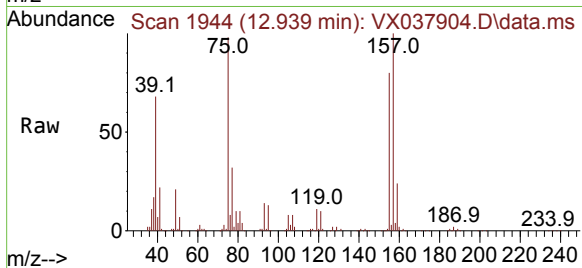




#92
1,2-Dibromo-3-Chloropropane
Concen: 137.446 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

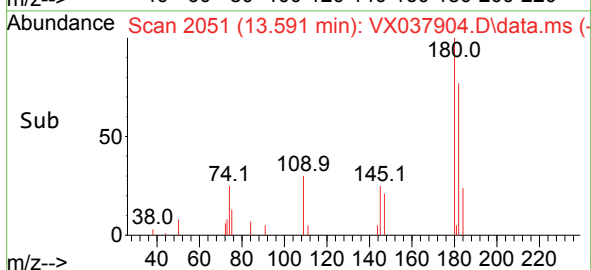
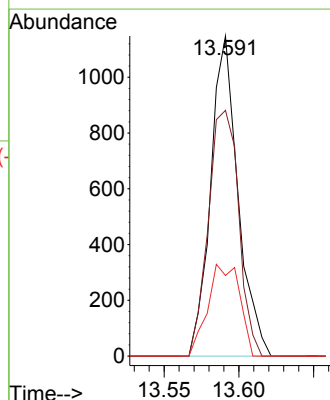
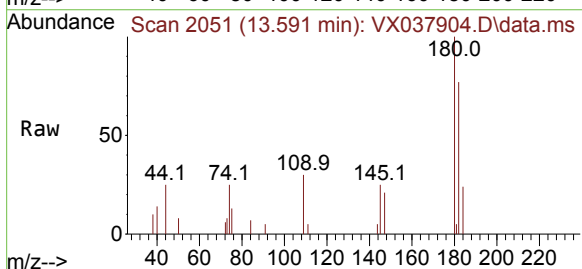
Instrument :
MSVOA_X
ClientSampleId :

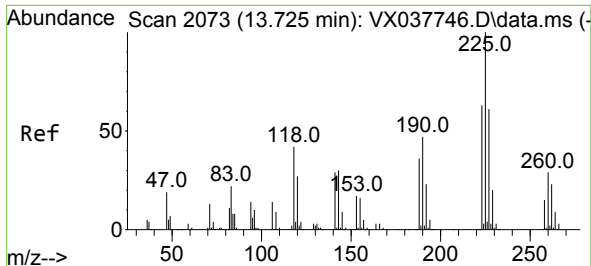
Tgt Ion: 75 Resp: 144465
Ion Ratio Lower Upper
75 100
155 91.7 36.1 108.5
157 117.3 44.9 134.7



#93
1,2,4-Trichlorobenzene
Concen: 0.351 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

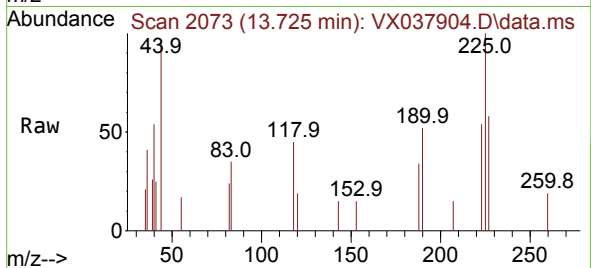
Tgt Ion:180 Resp: 1459
Ion Ratio Lower Upper
180 100
182 85.1 48.3 144.8
145 33.2 18.0 54.0



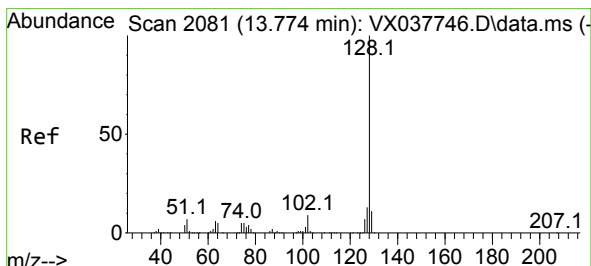
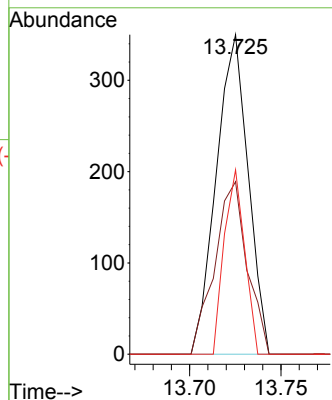
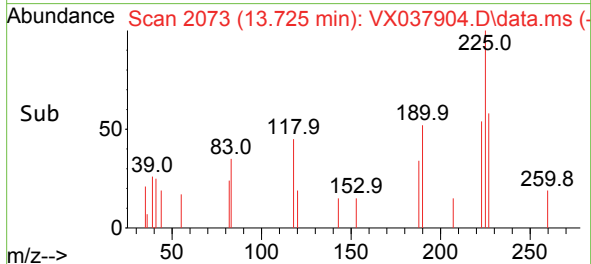


#94
Hexachlorobutadiene
Concen: 0.219 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

Instrument :
MSVOA_X
ClientSampleId :

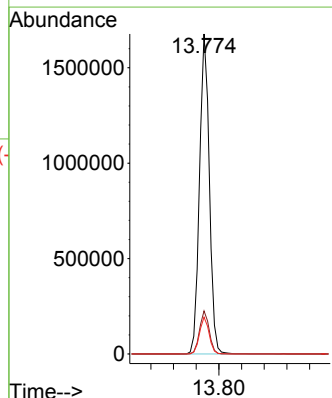
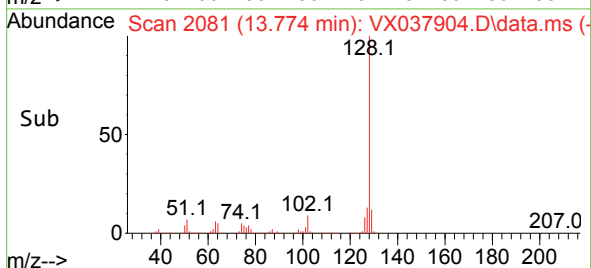
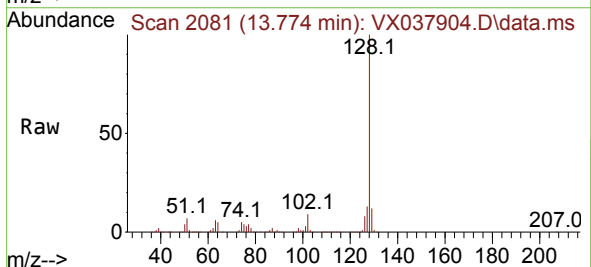


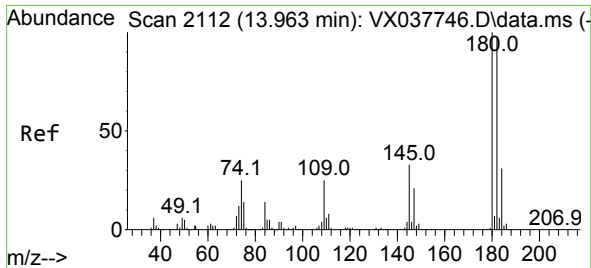
Tgt Ion:225 Resp: 425
Ion Ratio Lower Upper
225 100
223 55.1 31.1 93.2
227 36.9 32.5 97.5



#95
Naphthalene
Concen: 143.081 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037904.D
Acq: 26 Sep 2023 12:47

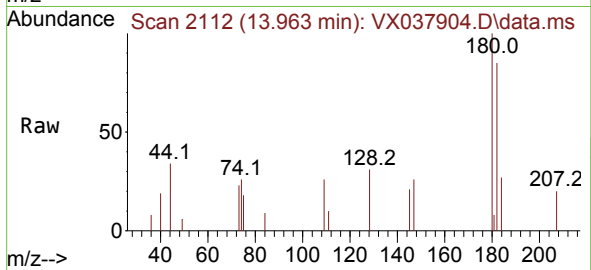
Tgt Ion:128 Resp: 2013116
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.2 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.267 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX037904.D
 Acq: 26 Sep 2023 12:47

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	1142
Ion	Ratio	Lower	Upper
180	100		
182	87.0	46.9	140.6
145	31.1	17.8	53.5

