

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037395.D
 Acq On : 30 Aug 2023 17:43
 Operator : JC/MD
 Sample : 04229-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-9.5-082923MSD

Quant Time: Aug 31 02:26:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	129279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90267	48.432	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.860%
35) Dibromofluoromethane	5.385	113	78726	52.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.620%
50) Toluene-d8	8.647	98	273713	50.613	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.220%
62) 4-Bromofluorobenzene	11.079	95	112991	53.166	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	81024	53.954	ug/l	99
3) Chloromethane	1.301	50	78230	59.545	ug/l	98
4) Vinyl Chloride	1.374	62	87806	61.400	ug/l	99
5) Bromomethane	1.599	94	32724	45.939	ug/l	99
6) Chloroethane	1.673	64	44879	53.330	ug/l	99
7) Trichlorofluoromethane	1.880	101	122655	52.360	ug/l	99
8) Diethyl Ether	2.136	74	49126	54.205	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	93662	68.537	ug/l	97
10) Methyl Iodide	2.447	142	79554	47.897	ug/l	93
11) Tert butyl alcohol	2.971	59	112365	257.009	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	69943	52.557	ug/l	85
13) Acrolein	2.233	56	68640	206.375	ug/l	99
14) Allyl chloride	2.660	41	107089	51.989	ug/l #	90
15) Acrylonitrile	3.063	53	231601	296.791	ug/l	99
16) Acetone	2.380	43	190556	261.346	ug/l #	87
17) Carbon Disulfide	2.508	76	162190	47.913	ug/l	98
18) Methyl Acetate	2.703	43	142122	51.769	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	269087	53.314	ug/l	96
20) Methylene Chloride	2.788	84	85804	52.622	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	78334	51.780	ug/l	88
22) Diisopropyl ether	3.764	45	223826	52.953	ug/l #	80
23) Vinyl Acetate	3.721	43	804253	248.295	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	139933	52.792	ug/l	96
25) 2-Butanone	4.556	43	302467	275.507	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	95534	40.358	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	118022	66.176	ug/l	84
28) Bromochloromethane	4.898	49	62033	52.389	ug/l #	74
29) Tetrahydrofuran	5.007	42	193985	277.068	ug/l #	82
30) Chloroform	5.093	83	157547	52.948	ug/l	97
31) Cyclohexane	5.471	56	110066	52.521	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	138348	51.886	ug/l	96
36) 1,1-Dichloropropene	5.696	75	105004	49.575	ug/l	96
37) Ethyl Acetate	4.715	43	108936	50.348	ug/l #	92
38) Carbon Tetrachloride	5.678	117	118031	51.299	ug/l	99
39) Methylcyclohexane	7.379	83	127547	57.315	ug/l	90
40) Benzene	6.038	78	327987	53.992	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	60627	53.901	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	120256	50.480	ug/l	94
43) Isopropyl Acetate	6.342	43	174815	50.891	ug/l #	90
44) Trichloroethene	7.129	130	88396	51.318	ug/l	99
45) 1,2-Dichloropropane	7.434	63	81743	54.574	ug/l	97
46) Dibromomethane	7.580	93	63753	54.029	ug/l	94
47) Bromodichloromethane	7.824	83	120191	53.180	ug/l	97
48) Methyl methacrylate	7.696	41	88302	52.711	ug/l #	82
49) 1,4-Dioxane	7.659	88	50290	1114.674	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	591946	283.789	ug/l	89
52) Toluene	8.720	92	216847	54.027	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	125686	52.229	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	134582	51.752	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	92053	56.323	ug/l	98
56) Ethyl methacrylate	9.116	69	143377	56.007	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	152233	55.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.373	63	767	0.624	ug/l #	47
59) 2-Hexanone	9.433	43	462805	290.995	ug/l	86
60) Dibromochloromethane	9.519	129	97461	56.009	ug/l	100
61) 1,2-Dibromoethane	9.610	107	100344	56.076	ug/l	99
64) Tetrachloroethene	9.275	164	68570	44.237	ug/l	99
65) Chlorobenzene	10.080	112	237533	52.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	90348	54.510	ug/l	100
67) Ethyl Benzene	10.195	91	413117	52.279	ug/l	99
68) m/p-Xylenes	10.299	106	324991	106.498	ug/l	97
69) o-Xylene	10.640	106	161944	53.789	ug/l	98
70) Styrene	10.653	104	270239	54.490	ug/l	97
71) Bromoform	10.799	173	71787	57.902	ug/l #	99
73) Isopropylbenzene	10.964	105	419963	52.026	ug/l	98
74) N-amyl acetate	10.842	43	152942	48.761	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	154201	56.723	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	165720	70.067	ug/l	90
77) Bromobenzene	11.201	156	104364	52.938	ug/l	91
78) n-propylbenzene	11.305	91	471702	52.478	ug/l	98
79) 2-Chlorotoluene	11.366	91	296895	51.688	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	360024	53.466	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	41760	49.315	ug/l	86
82) 4-Chlorotoluene	11.451	91	339877	51.259	ug/l	98
83) tert-Butylbenzene	11.713	119	374408	58.302	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	364653	53.583	ug/l	97
85) sec-Butylbenzene	11.890	105	440264	58.694	ug/l	99
86) p-Isopropyltoluene	12.012	119	371574	57.544	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	193276	52.365	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	195884	51.368	ug/l	99
89) n-Butylbenzene	12.329	91	308474	57.621	ug/l	99
90) Hexachloroethane	12.536	117	66224	61.446	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	200021	55.342	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36352	57.549	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	117647	55.631	ug/l	99
94) Hexachlorobutadiene	13.725	225	49844	61.010	ug/l	99
95) Naphthalene	13.774	128	445081	48.046	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	122584	58.344	ug/l	100

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QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

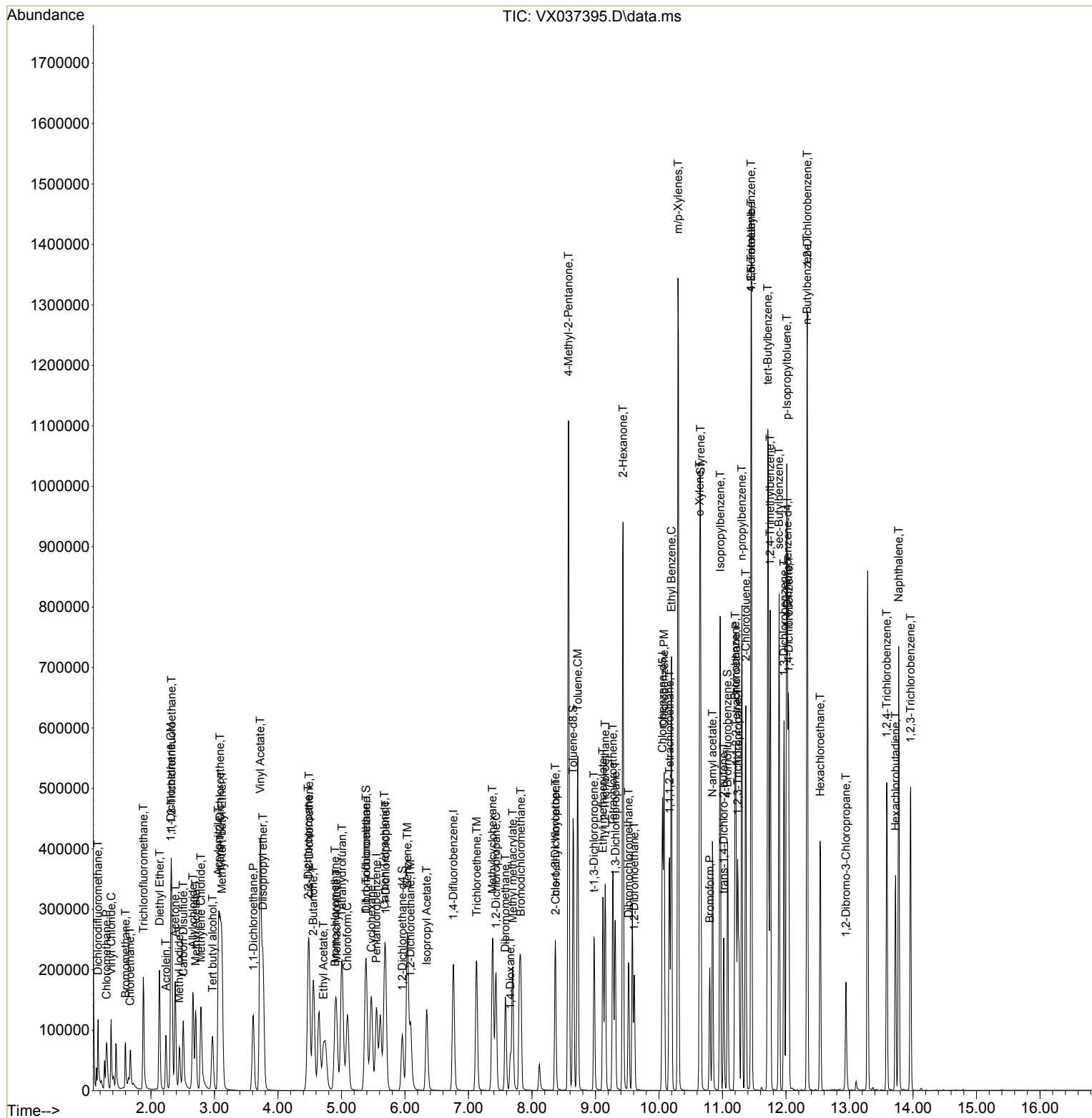
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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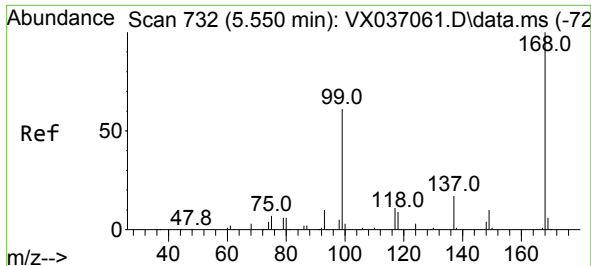
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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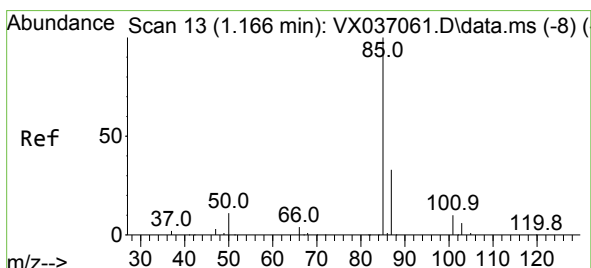
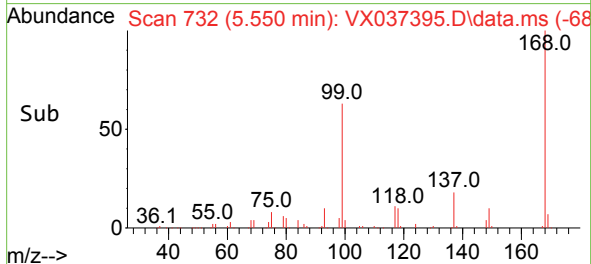
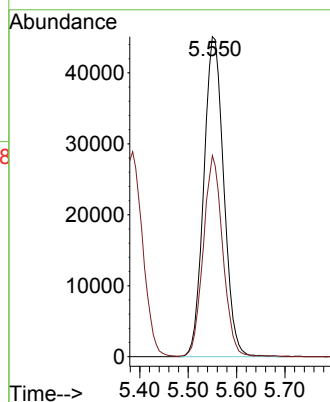
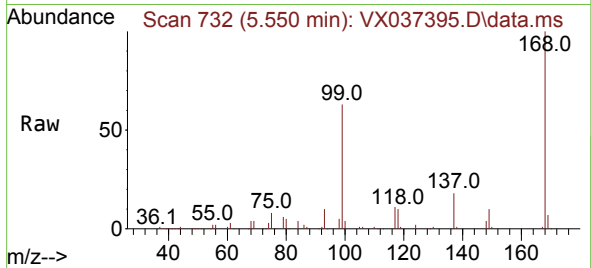




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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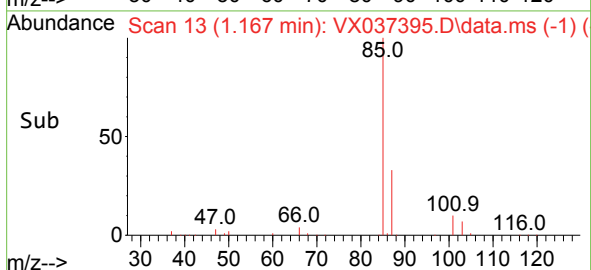
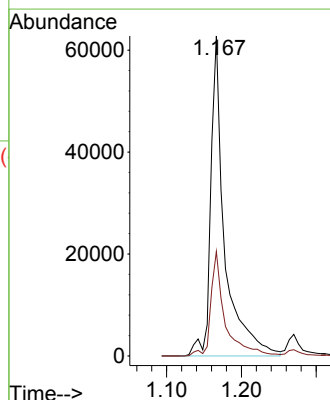
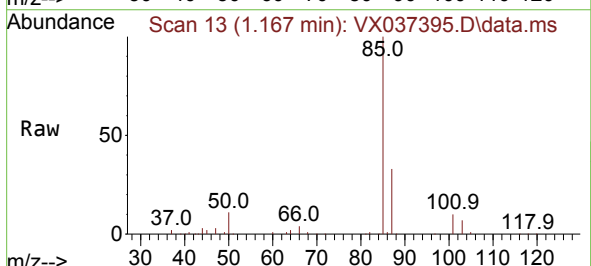
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

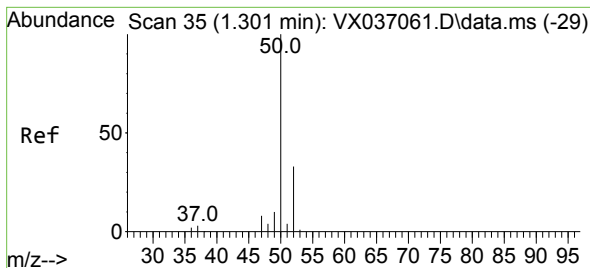
Tgt Ion:168 Resp: 129279
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 53.954 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 85 Resp: 81024
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





#3

Chloromethane

Concen: 59.545 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

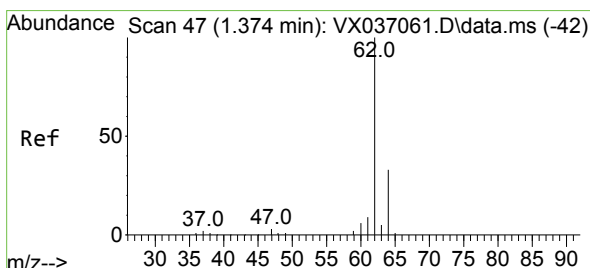
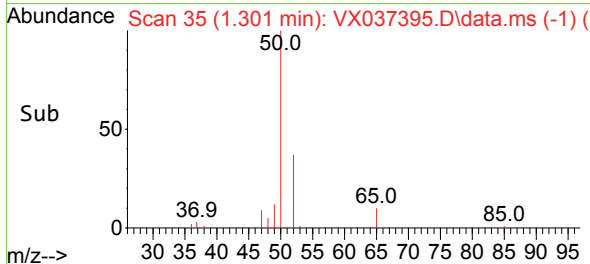
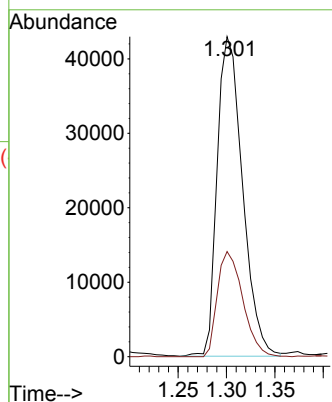
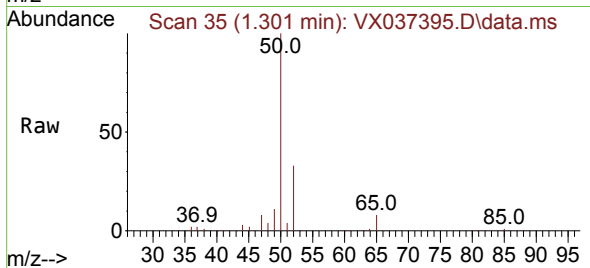
MW-01-9.5-082923MSD

Tgt Ion: 50 Resp: 78230

Ion Ratio Lower Upper

50 100

52 32.9 25.5 38.3



#4

Vinyl Chloride

Concen: 61.400 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX037395.D

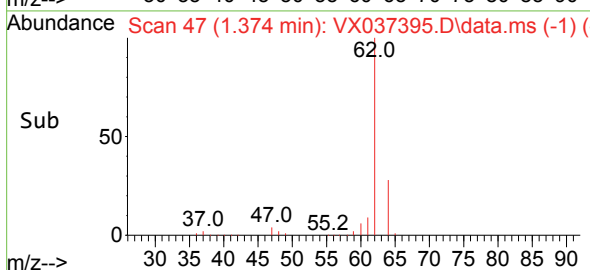
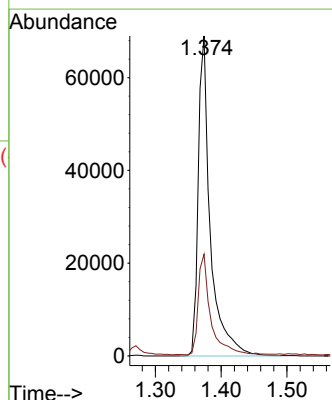
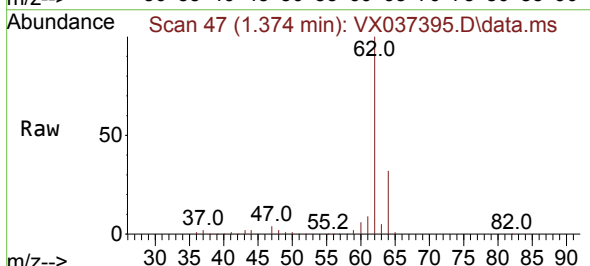
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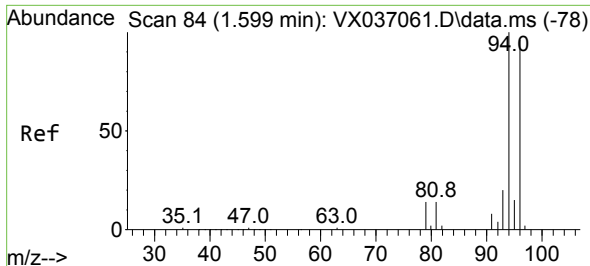
Tgt Ion: 62 Resp: 87806

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0

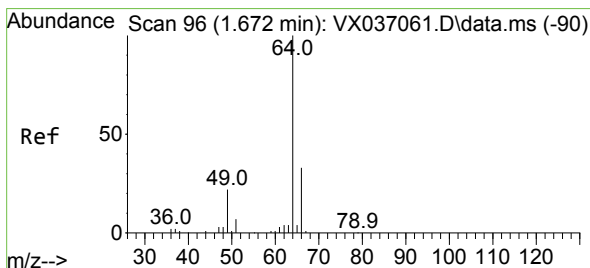
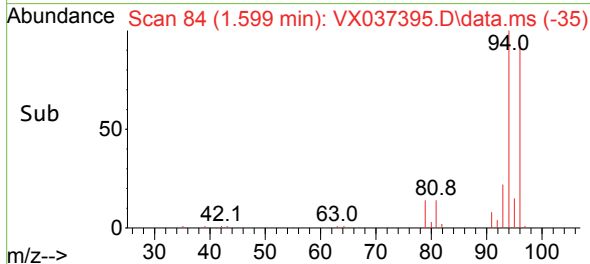
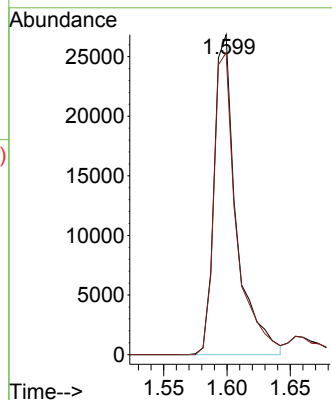
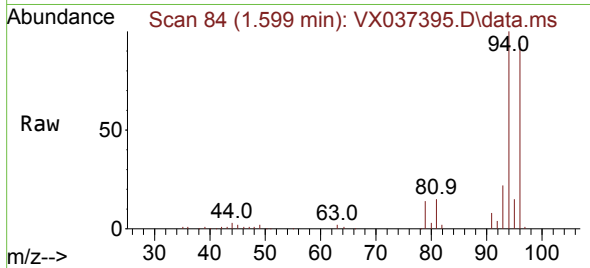




#5
Bromomethane
Concen: 45.939 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037395.D
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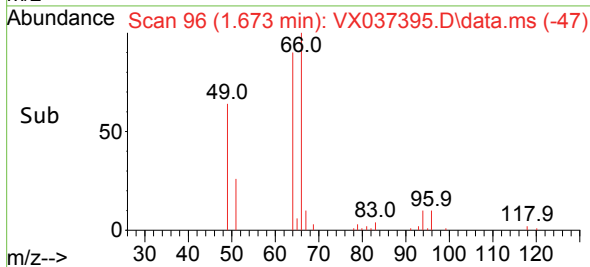
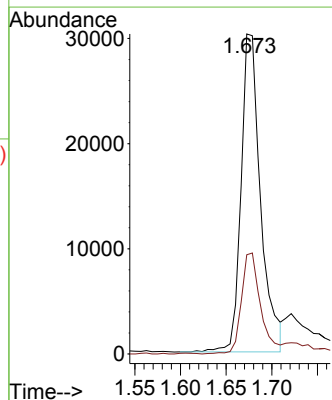
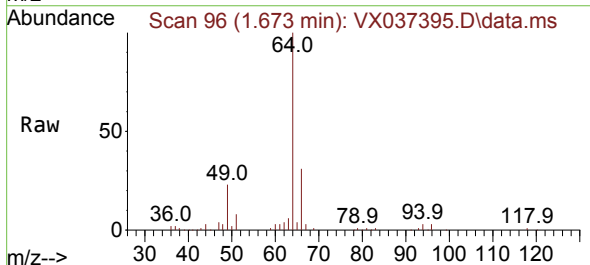
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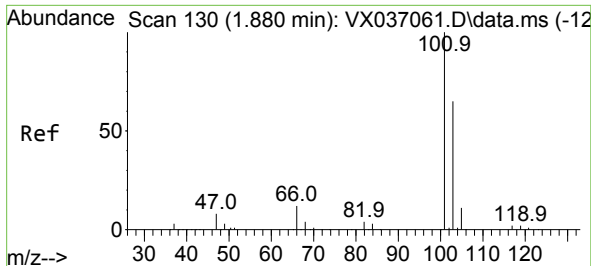
Tgt Ion: 94 Resp: 32724
Ion Ratio Lower Upper
94 100
96 94.3 74.6 111.8



#6
Chloroethane
Concen: 53.330 ug/l
RT: 1.673 min Scan# 96
Delta R.T. 0.001 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 64 Resp: 44879
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7

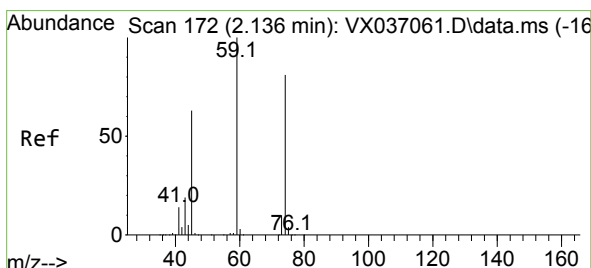
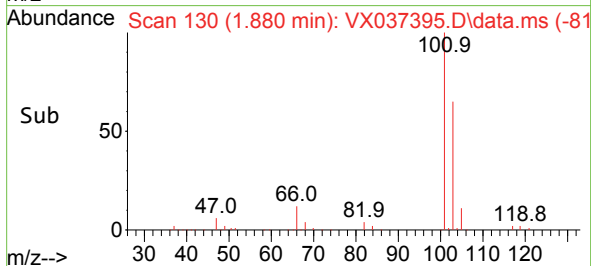
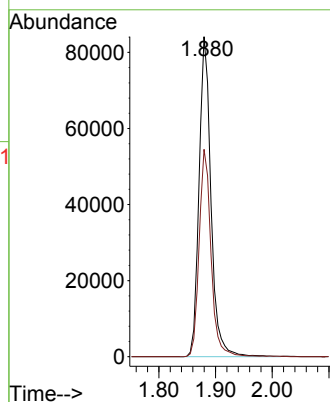
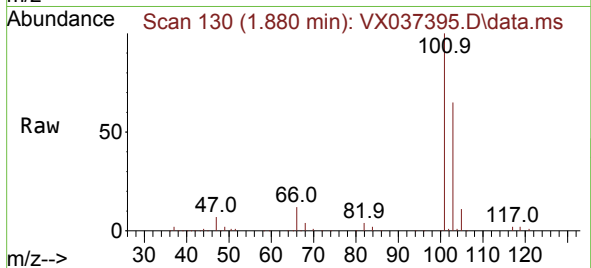




#7
Trichlorofluoromethane
Concen: 52.360 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

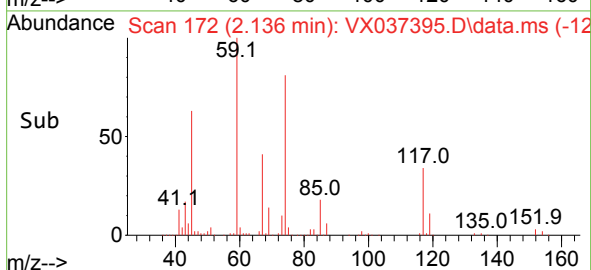
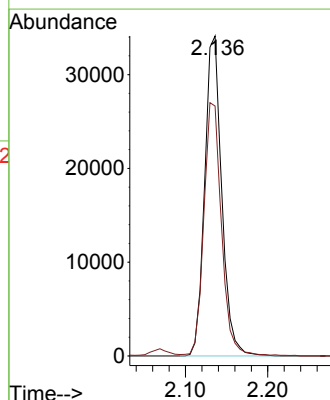
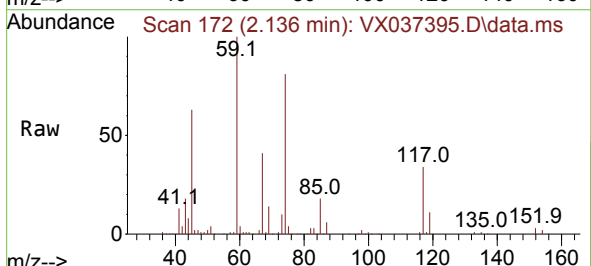
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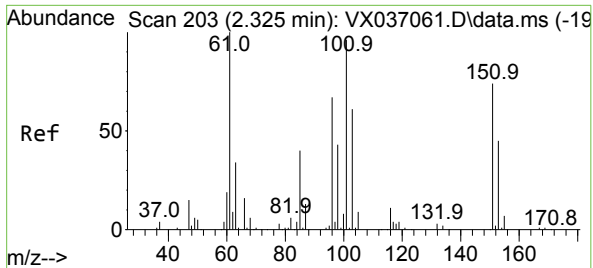
Tgt Ion:101 Resp: 122655
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2



#8
Diethyl Ether
Concen: 54.205 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 49126
Ion Ratio Lower Upper
74 100
45 82.3 53.3 159.8

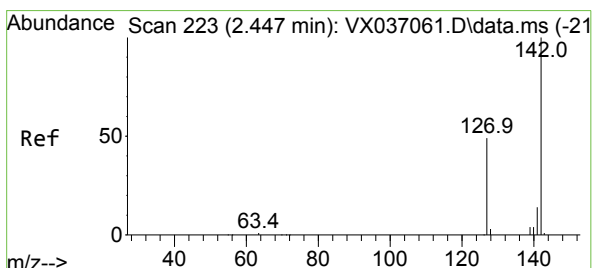
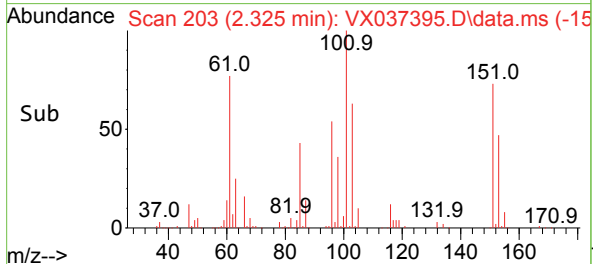
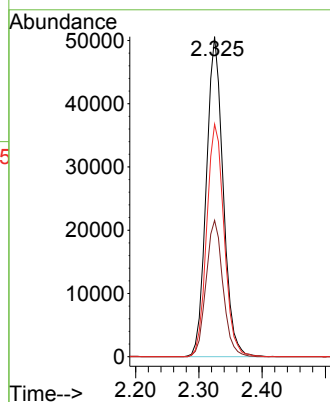
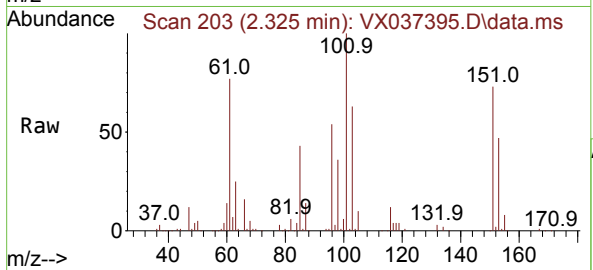




#9
1,1,2-Trichlorotrifluoroethane
Concen: 68.537 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

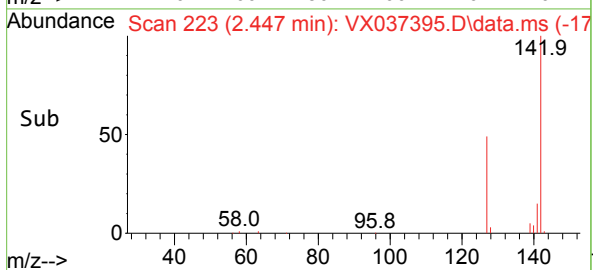
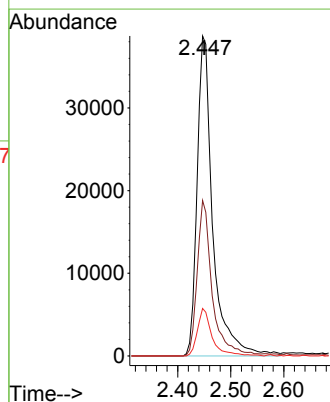
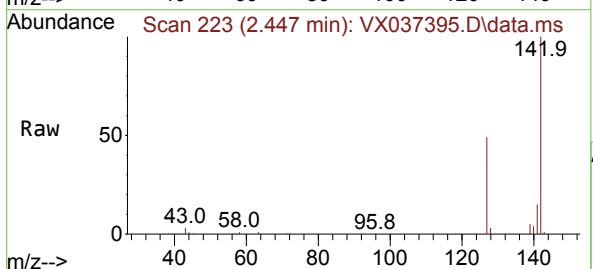
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

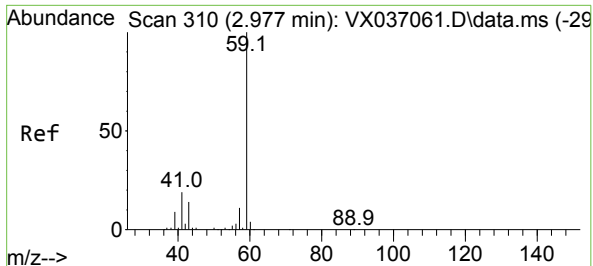
Tgt Ion:101 Resp: 93662
Ion Ratio Lower Upper
101 100
85 42.8 37.0 55.6
151 75.0 58.6 87.8



#10
Methyl Iodide
Concen: 47.897 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion:142 Resp: 79554
Ion Ratio Lower Upper
142 100
127 46.4 41.6 62.4
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 257.009 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

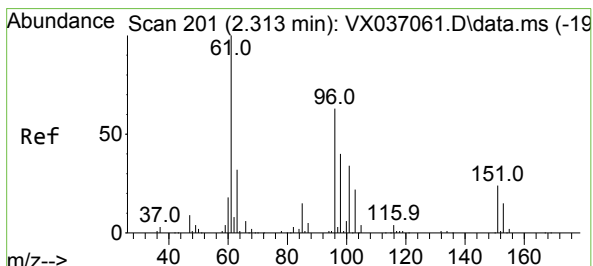
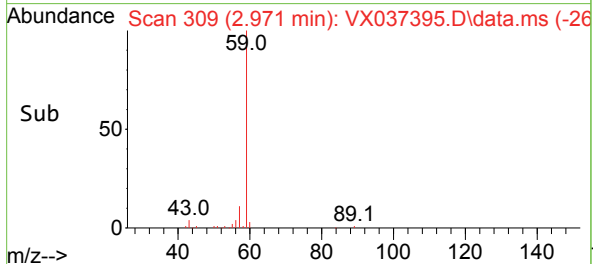
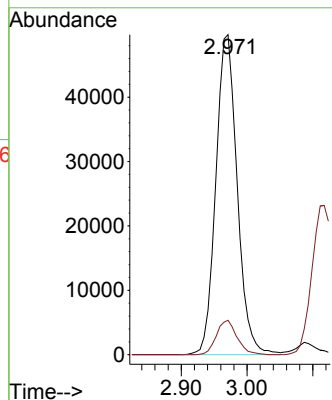
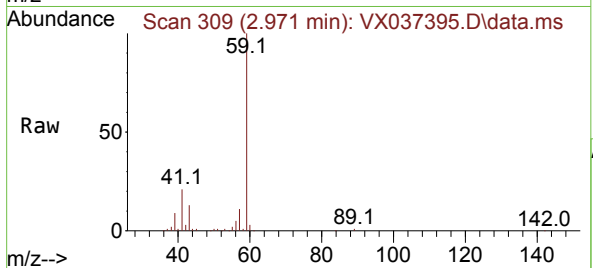
MW-01-9.5-082923MSD

Tgt Ion: 59 Resp: 112365

Ion Ratio Lower Upper

59 100

57 10.4 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 52.557 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

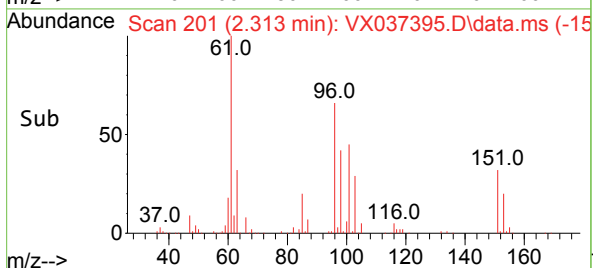
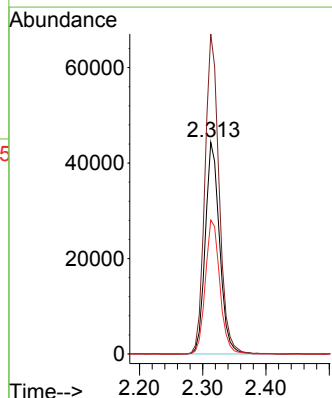
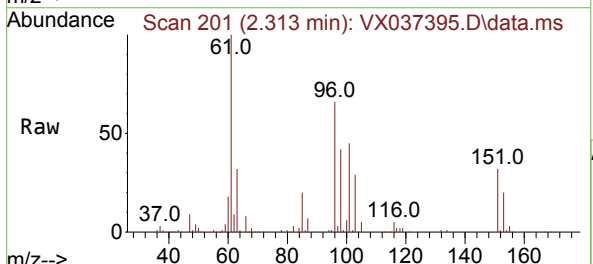
Tgt Ion: 96 Resp: 69943

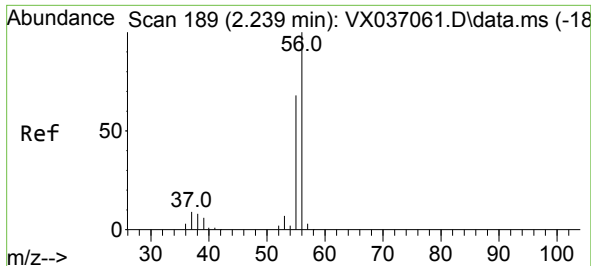
Ion Ratio Lower Upper

96 100

61 151.2 144.6 216.8

98 63.3 50.4 75.6





#13

Acrolein

Concen: 206.375 ug/l

RT: 2.233 min Scan# 189

Delta R.T. -0.006 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

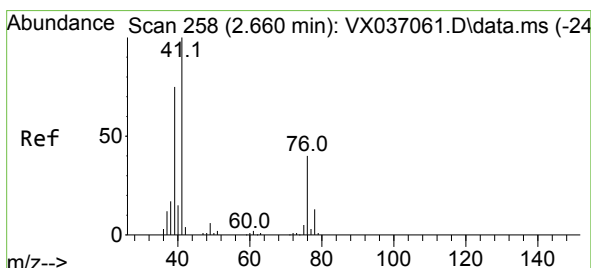
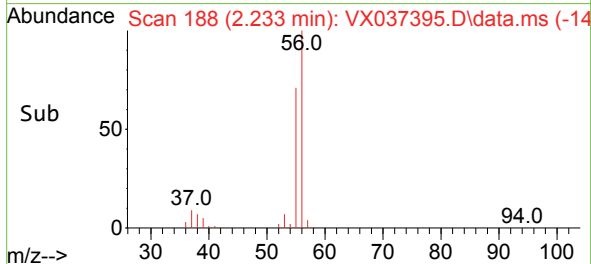
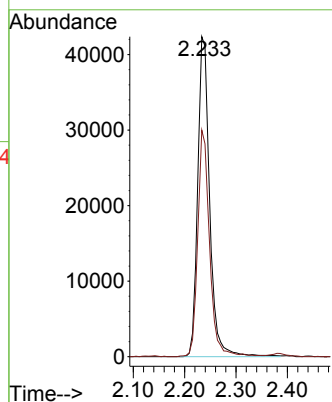
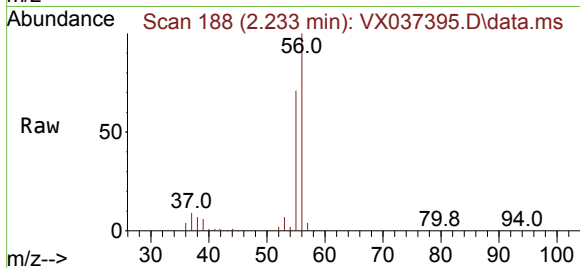
MW-01-9.5-082923MSD

Tgt Ion: 56 Resp: 68640

Ion Ratio Lower Upper

56 100

55 70.2 57.1 85.7



#14

Allyl chloride

Concen: 51.989 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

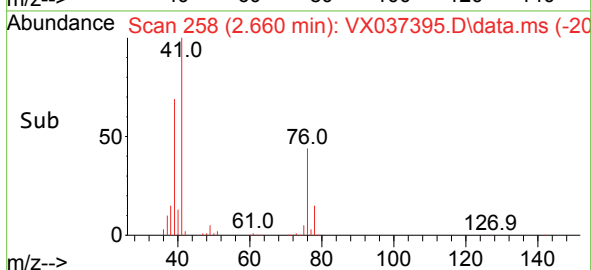
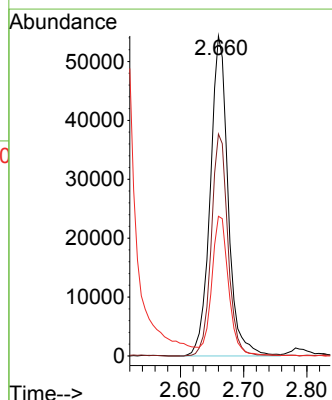
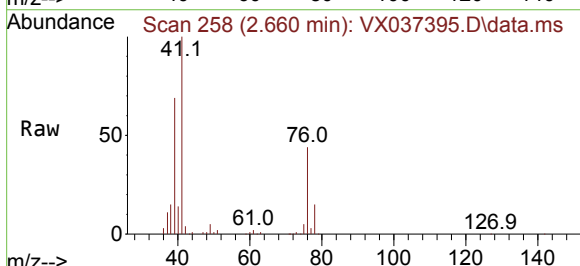
Tgt Ion: 41 Resp: 107089

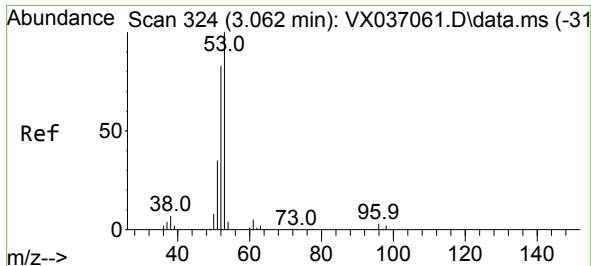
Ion Ratio Lower Upper

41 100

39 64.3 55.8 83.6

76 40.7 24.3 36.5#

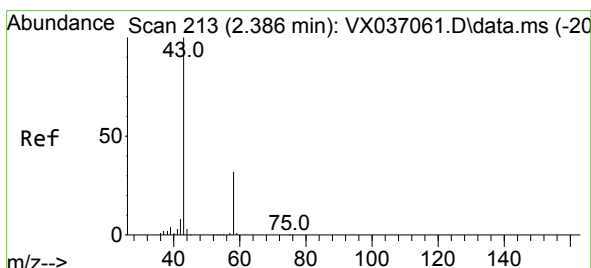
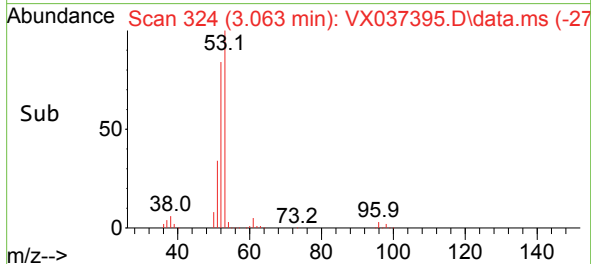
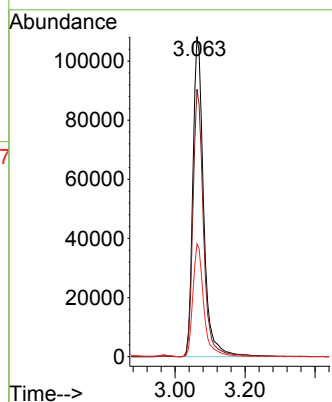
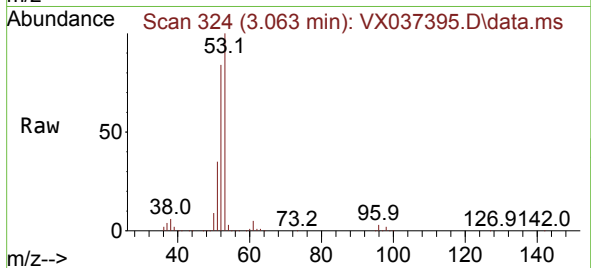




#15
Acrylonitrile
Concen: 296.791 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

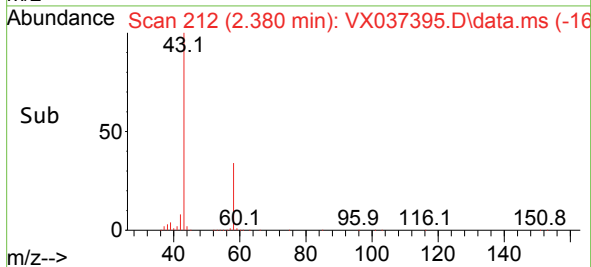
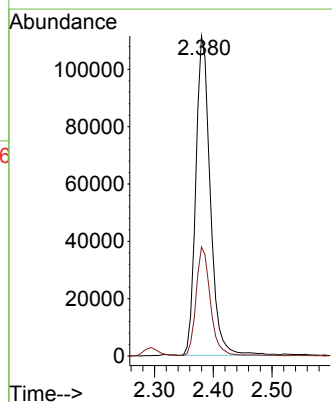
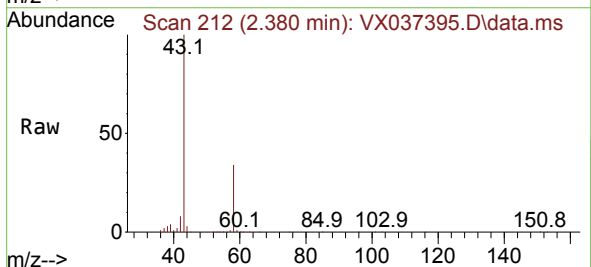
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

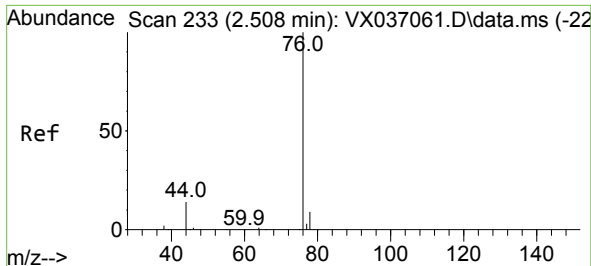
Tgt Ion: 53 Resp: 231601
Ion Ratio Lower Upper
53 100
52 81.7 66.0 99.0
51 35.6 29.8 44.6



#16
Acetone
Concen: 261.346 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 43 Resp: 190556
Ion Ratio Lower Upper
43 100
58 34.0 21.9 32.9#

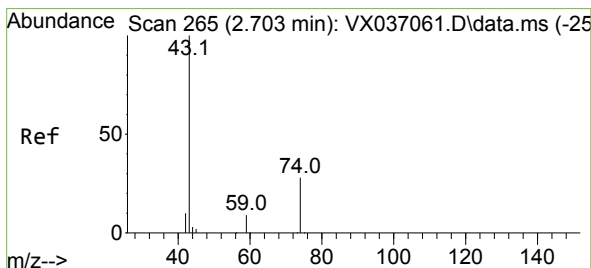
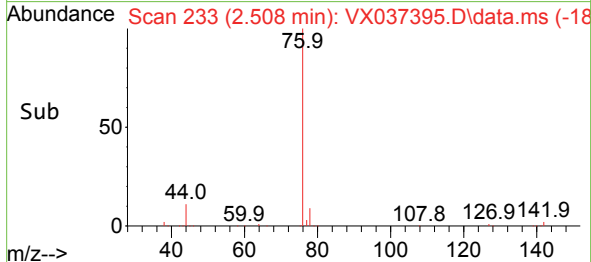
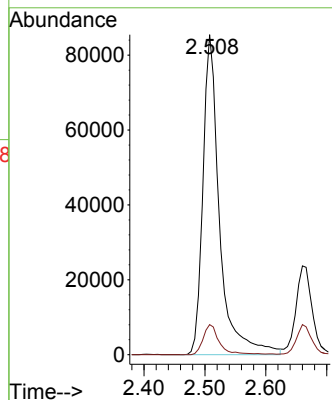
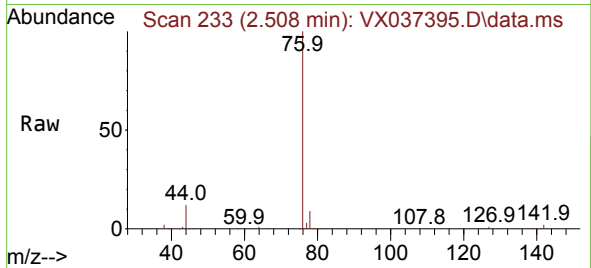




#17
Carbon Disulfide
Concen: 47.913 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

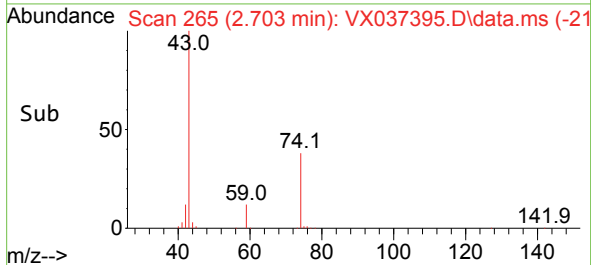
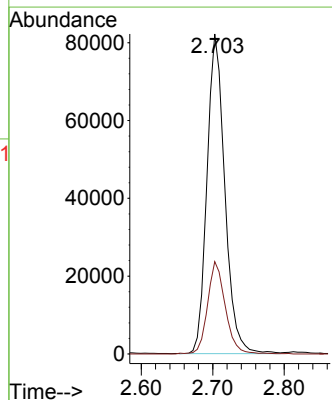
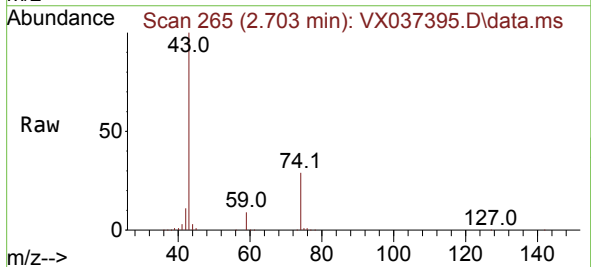
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

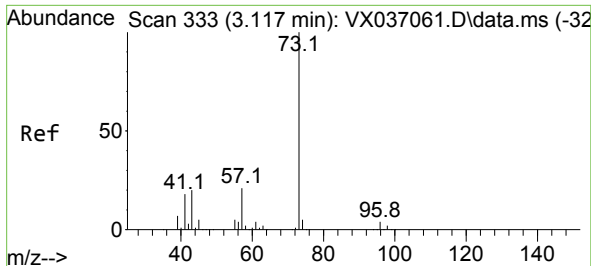
Tgt Ion: 76 Resp: 162190
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 51.769 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 43 Resp: 142122
Ion Ratio Lower Upper
43 100
74 28.9 17.8 26.8#

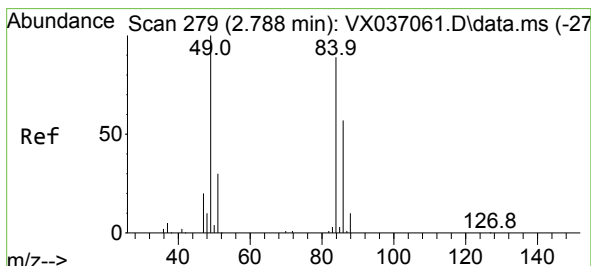
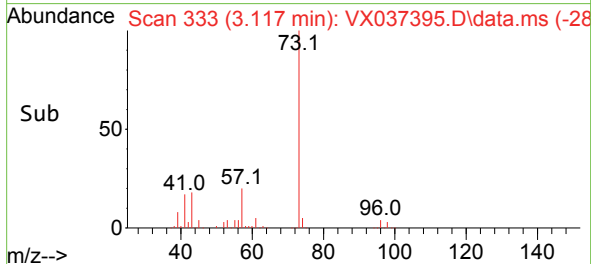
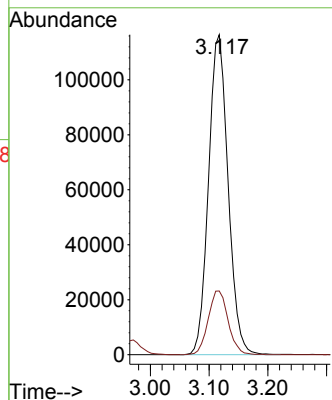
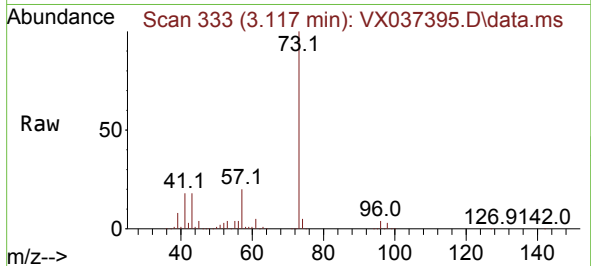




#19
Methyl tert-butyl Ether
Concen: 53.314 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

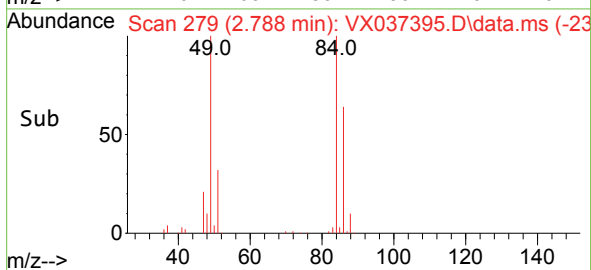
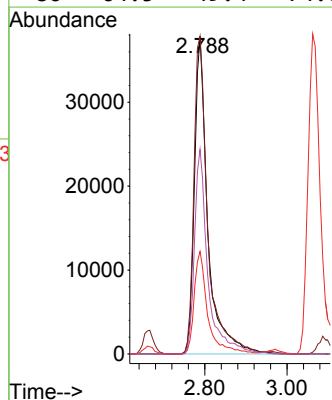
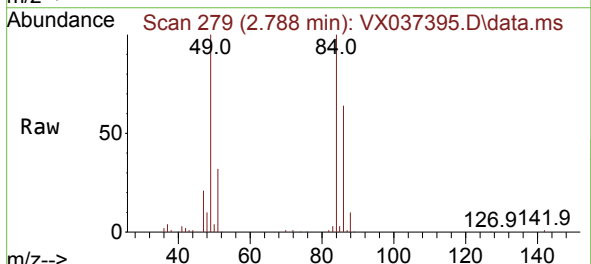
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

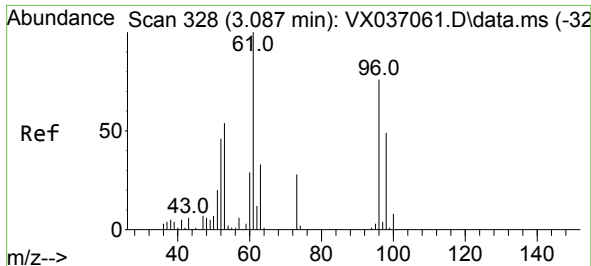
Tgt Ion: 73 Resp: 269087
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9



#20
Methylene Chloride
Concen: 52.622 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 84 Resp: 85804
Ion Ratio Lower Upper
84 100
49 100.2 103.6 155.4#
51 32.3 33.8 50.6#
86 64.5 49.4 74.0

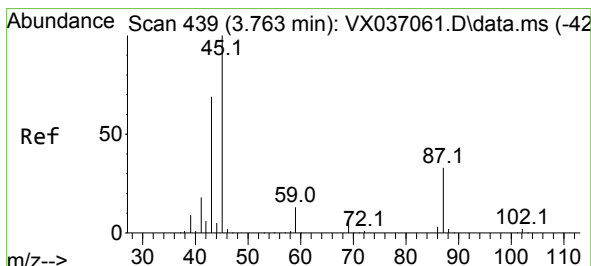
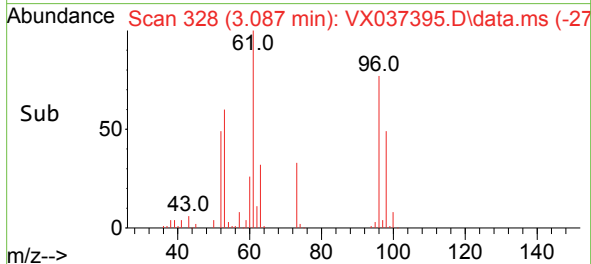
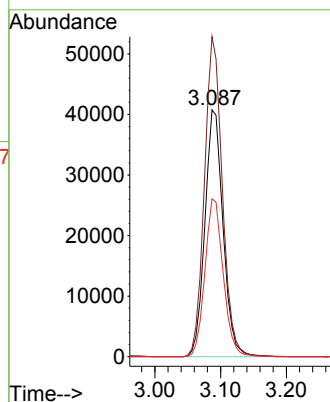
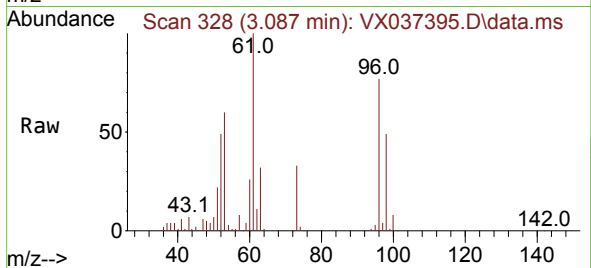




#21
trans-1,2-Dichloroethene
Concen: 51.780 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

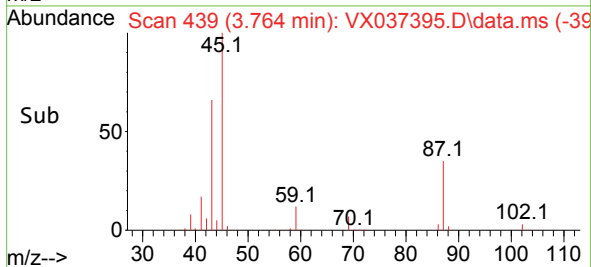
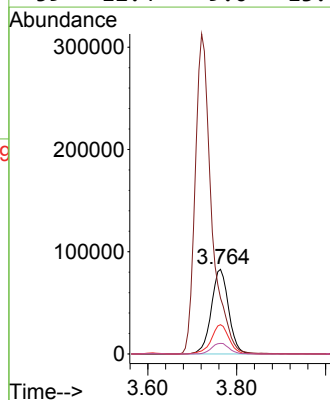
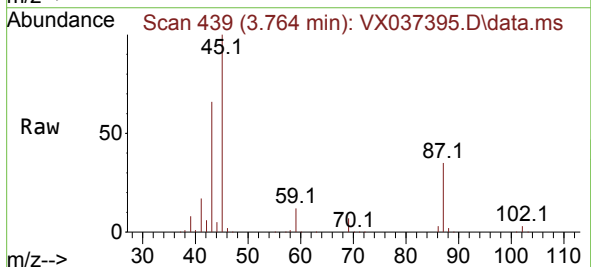
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

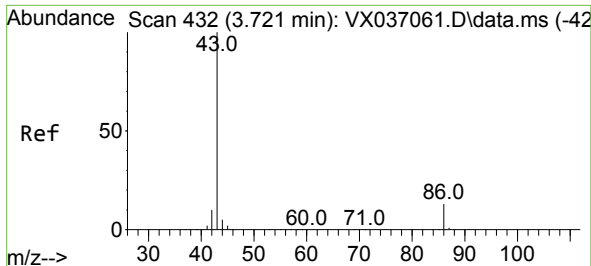
Tgt Ion: 96 Resp: 78334
Ion Ratio Lower Upper
96 100
61 129.6 119.2 178.8
98 64.0 48.7 73.1



#22
Diisopropyl ether
Concen: 52.953 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 45 Resp: 223826
Ion Ratio Lower Upper
45 100
43 65.8 69.7 104.5#
87 34.5 20.8 31.2#
59 12.4 9.0 13.4

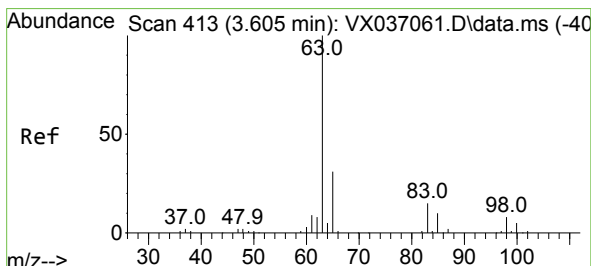
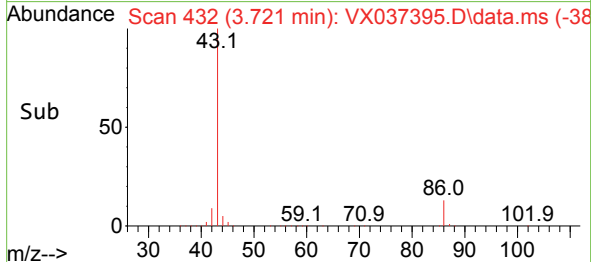
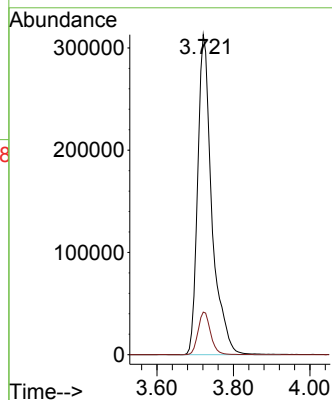
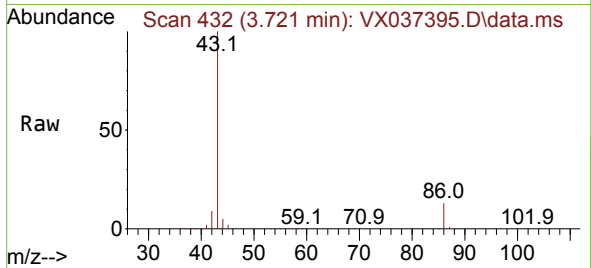




#23
 Vinyl Acetate
 Concen: 248.295 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX037395.D
 Acq: 30 Aug 2023 17:43

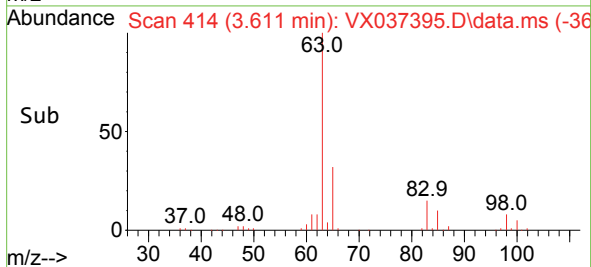
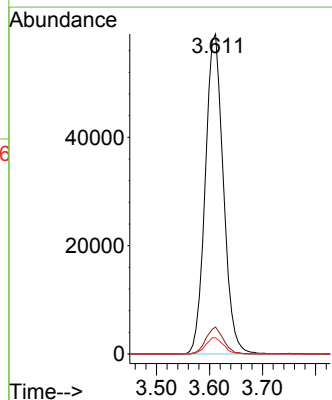
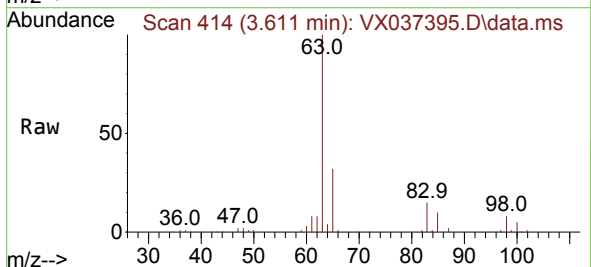
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-9.5-082923MSD

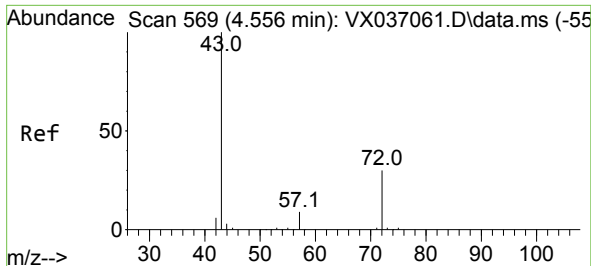
Tgt Ion: 43 Resp: 804253
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 52.792 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037395.D
 Acq: 30 Aug 2023 17:43

Tgt Ion: 63 Resp: 139933
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.3 9.8
 100 5.1 2.1 6.5





#25

2-Butanone

Concen: 275.507 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

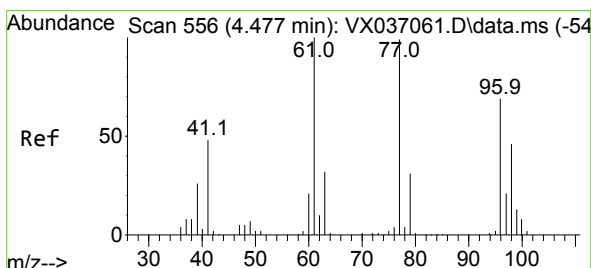
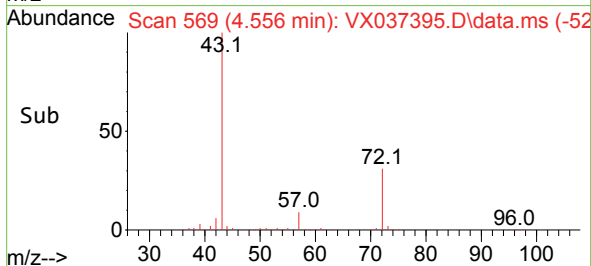
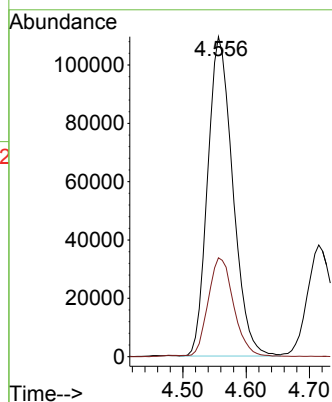
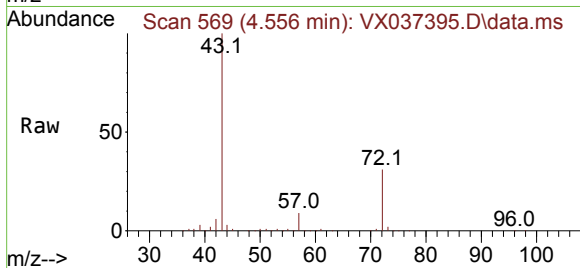
MW-01-9.5-082923MSD

Tgt Ion: 43 Resp: 302467

Ion Ratio Lower Upper

43 100

72 30.8 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 40.358 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX037395.D

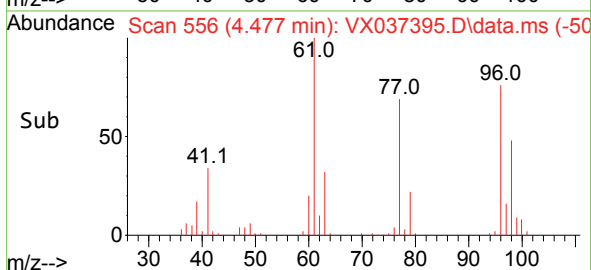
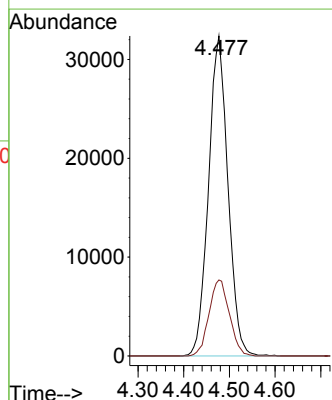
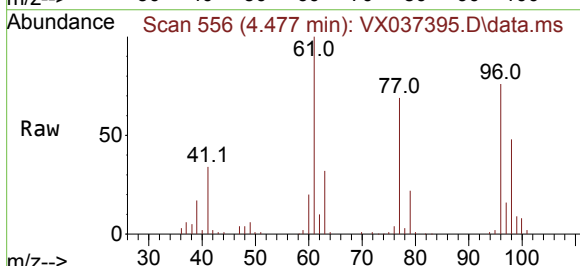
Acq: 30 Aug 2023 17:43

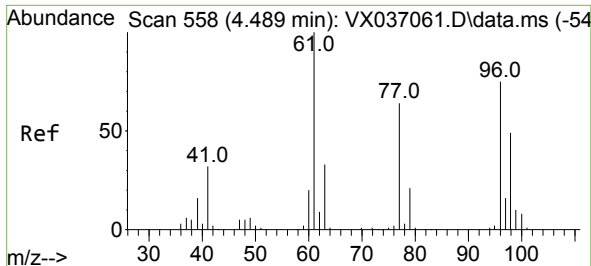
Tgt Ion: 77 Resp: 95534

Ion Ratio Lower Upper

77 100

97 25.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 66.176 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

MW-01-9.5-082923MSD

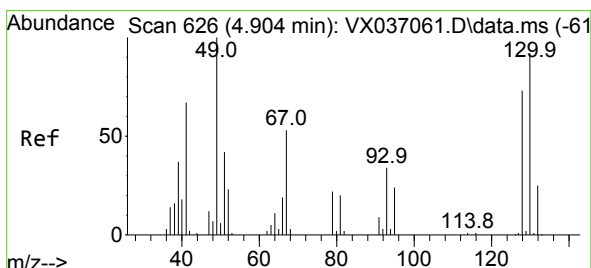
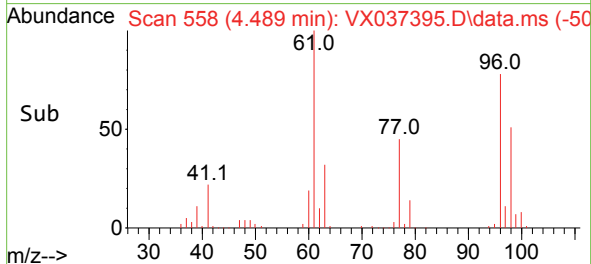
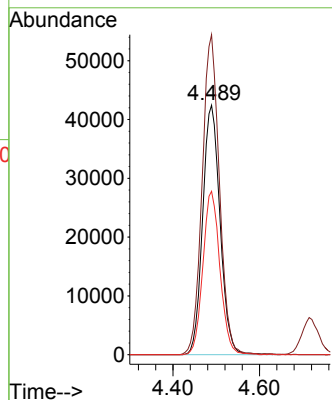
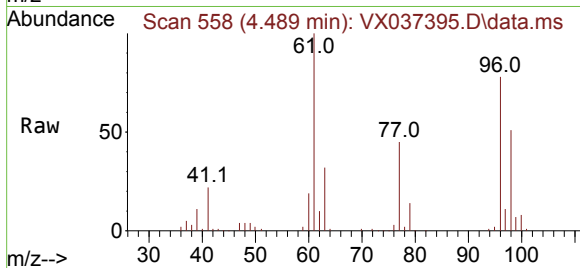
Tgt Ion: 96 Resp: 118022

Ion Ratio Lower Upper

96 100

61 127.6 0.0 312.2

98 64.4 0.0 129.0



#28

Bromochloromethane

Concen: 52.389 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

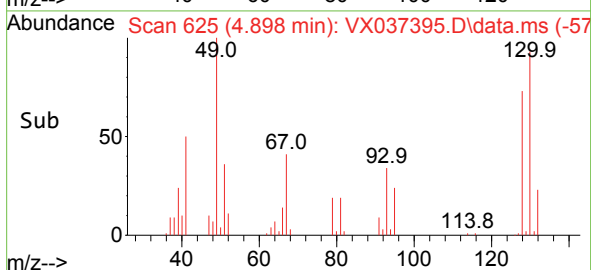
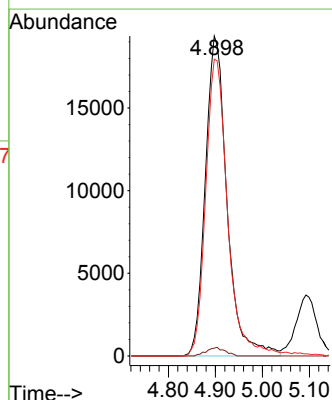
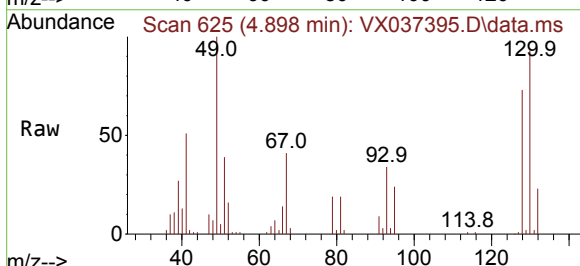
Tgt Ion: 49 Resp: 62033

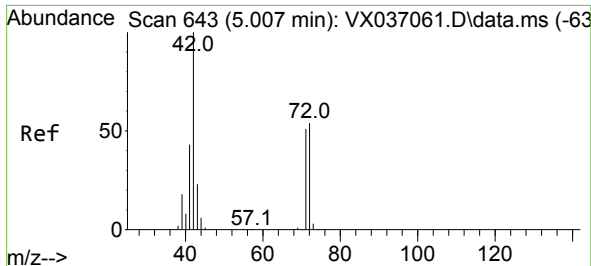
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 93.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 277.068 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

MW-01-9.5-082923MSD

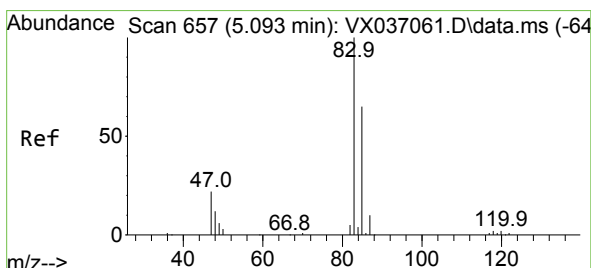
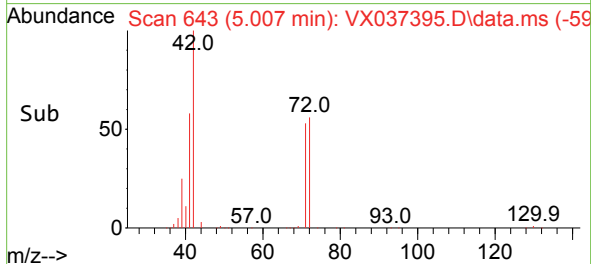
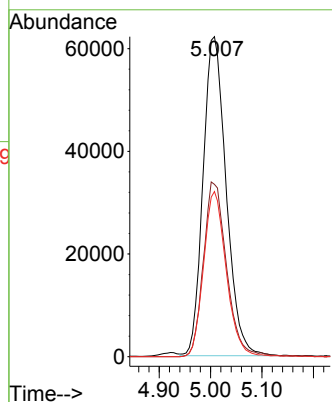
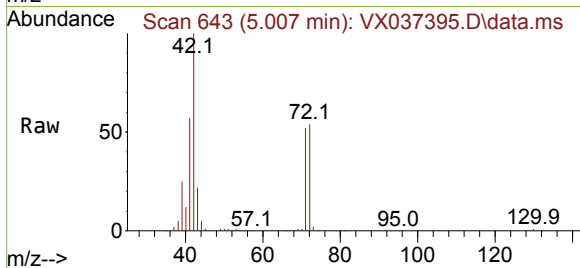
Tgt Ion: 42 Resp: 193985

Ion Ratio Lower Upper

42 100

72 55.0 34.2 51.4#

71 50.9 32.2 48.2#



#30

Chloroform

Concen: 52.948 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX037395.D

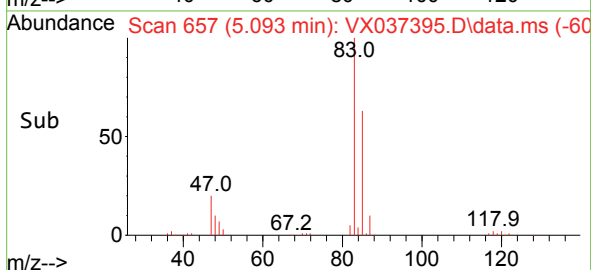
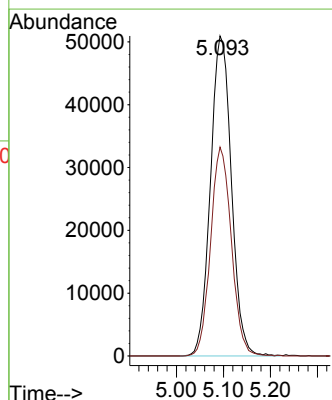
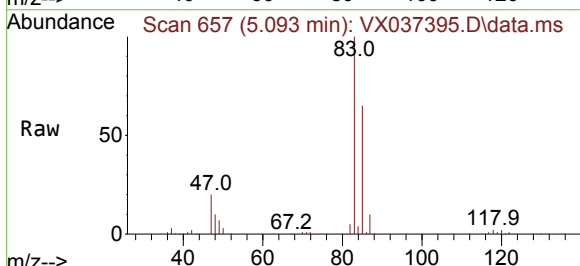
Acq: 30 Aug 2023 17:43

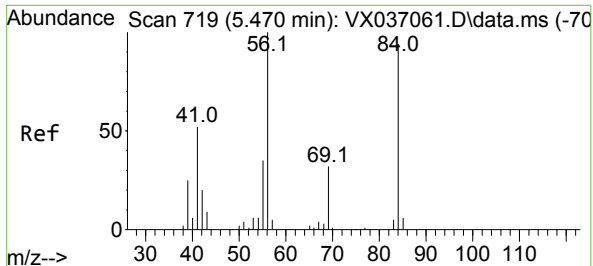
Tgt Ion: 83 Resp: 157547

Ion Ratio Lower Upper

83 100

85 65.2 50.3 75.5

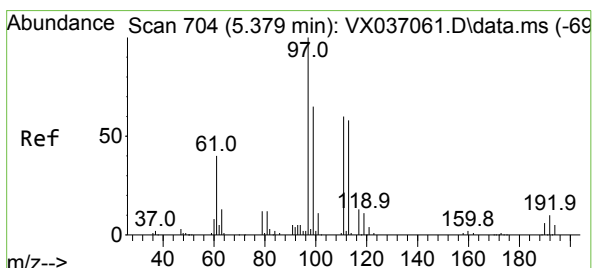
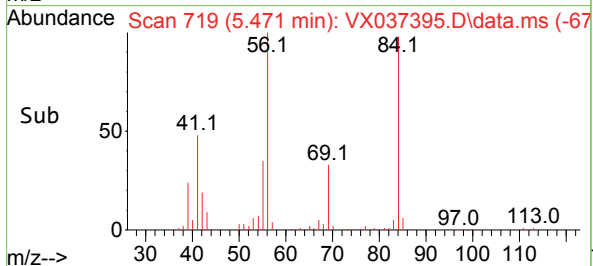
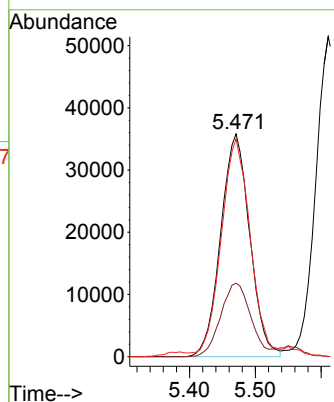
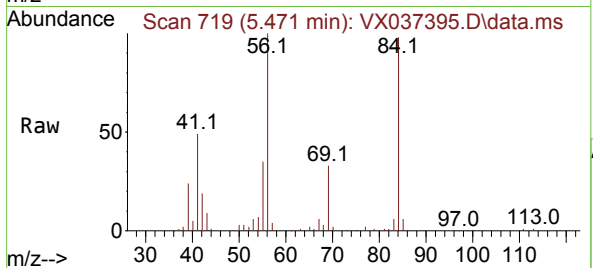




#31
Cyclohexane
Concen: 52.521 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

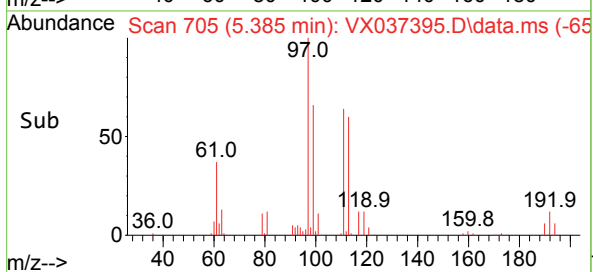
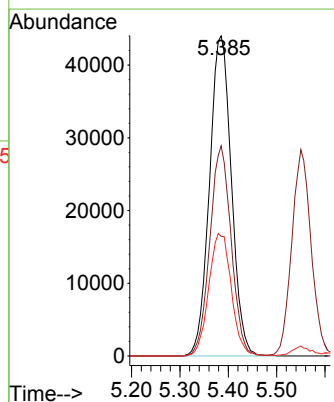
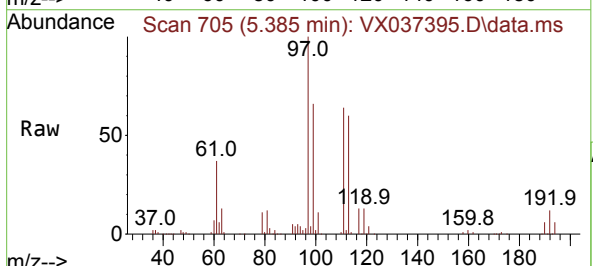
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

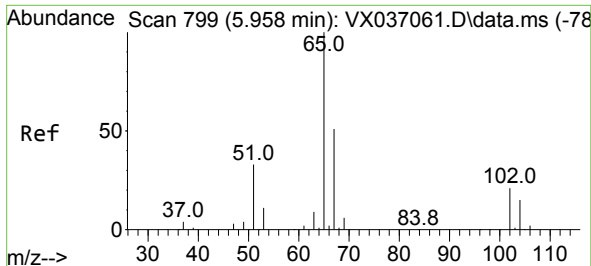
Tgt Ion: 56 Resp: 110066
Ion Ratio Lower Upper
56 100
69 33.0 23.4 35.2
84 95.7 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 51.886 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 97 Resp: 138348
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 39.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.432 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

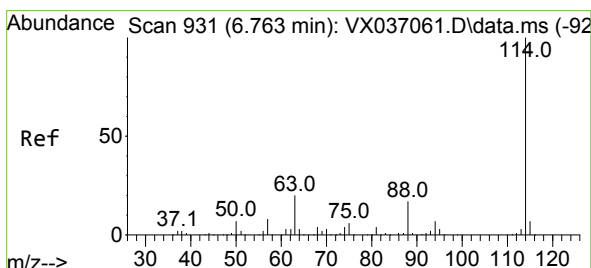
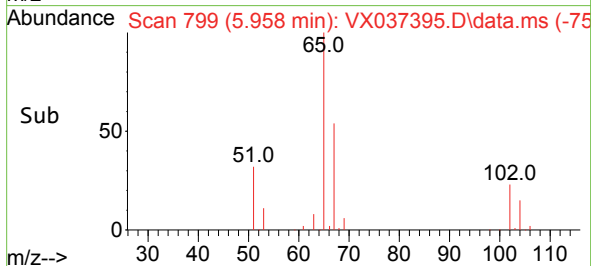
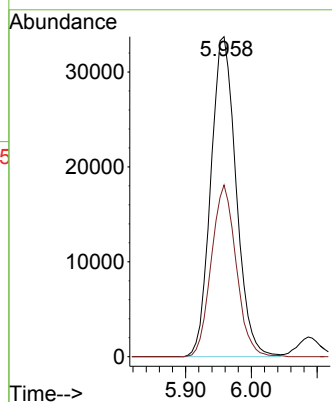
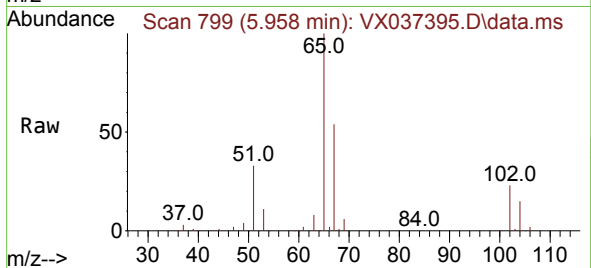
MW-01-9.5-082923MSD

Tgt Ion: 65 Resp: 90267

Ion Ratio Lower Upper

65 100

67 52.8 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: VX037395.D

Acq: 30 Aug 2023 17:43

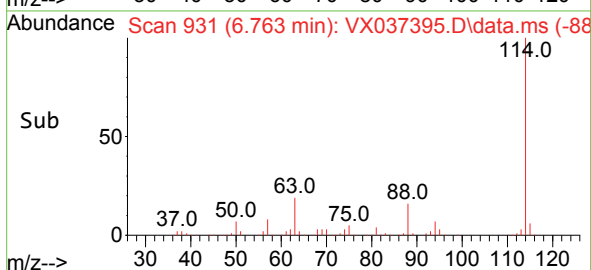
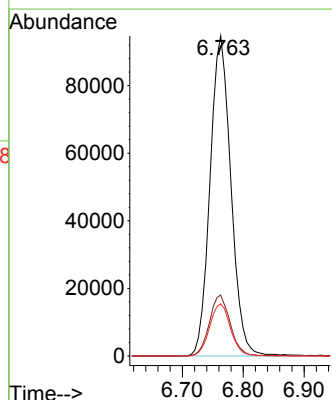
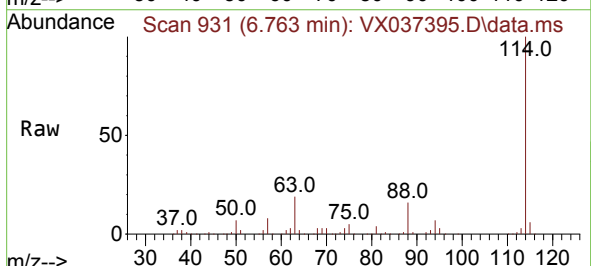
Tgt Ion: 114 Resp: 225111

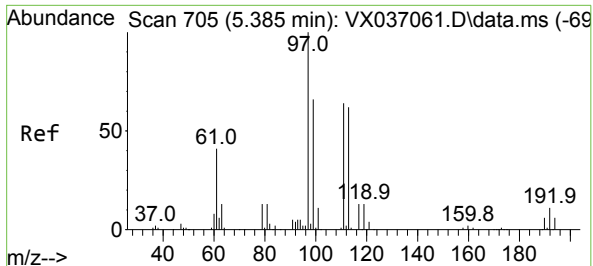
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 16.3 0.0 36.6

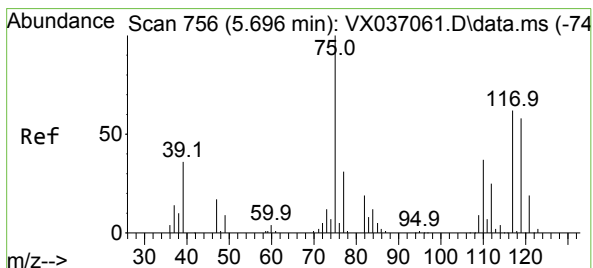
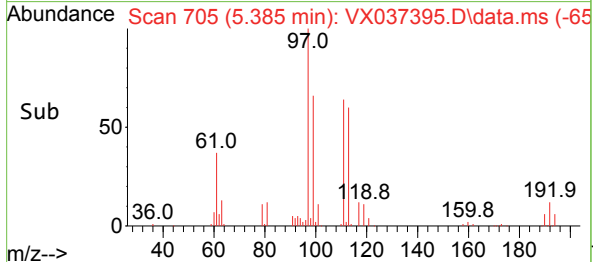
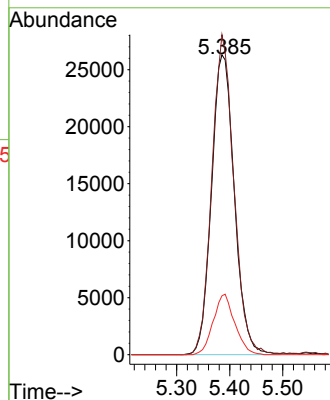
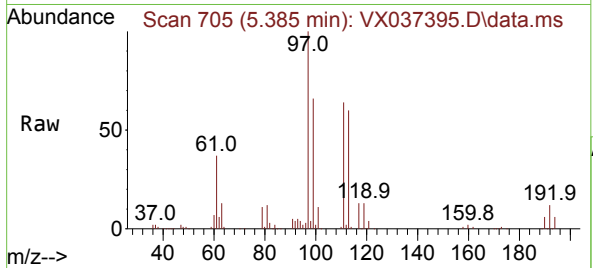




#35
Dibromofluoromethane
Concen: 52.806 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

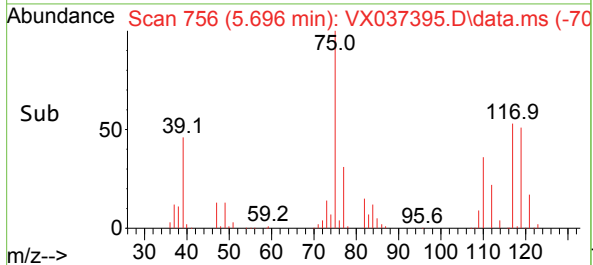
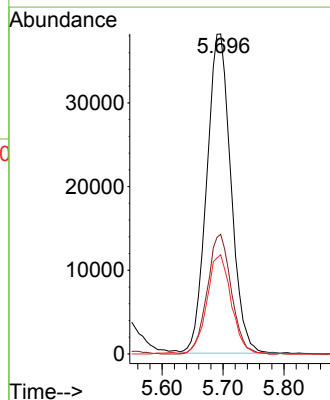
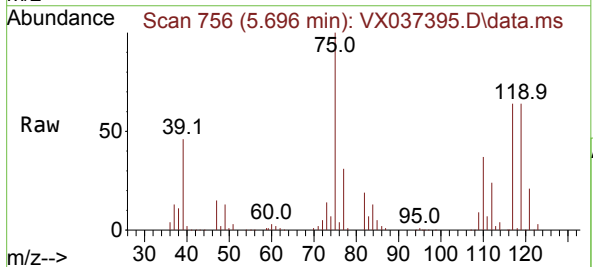
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

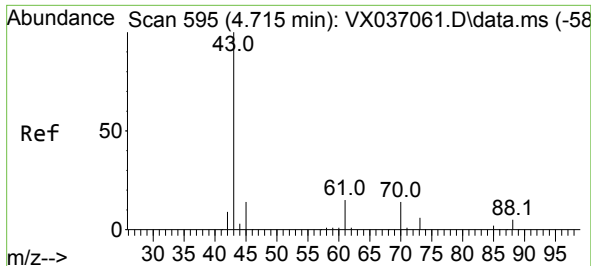
Tgt Ion:	113	Resp:	78726
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.9	124.3
192	19.0	13.3	19.9



#36
1,1-Dichloropropene
Concen: 49.575 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion:	75	Resp:	105004
Ion Ratio	Lower	Upper	
75	100		
110	37.3	17.0	50.9
77	31.3	24.7	37.1





#37

Ethyl Acetate

Concen: 50.348 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

MW-01-9.5-082923MSD

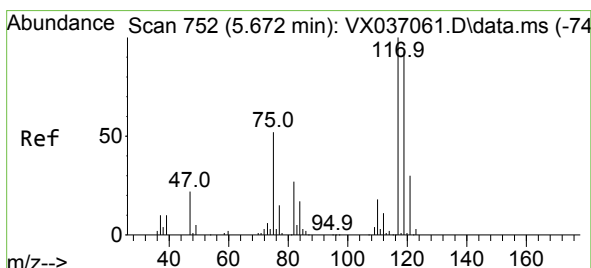
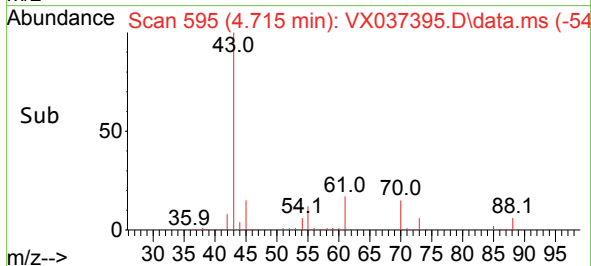
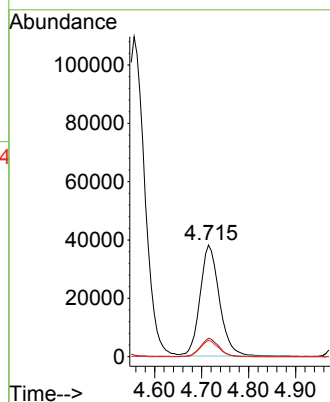
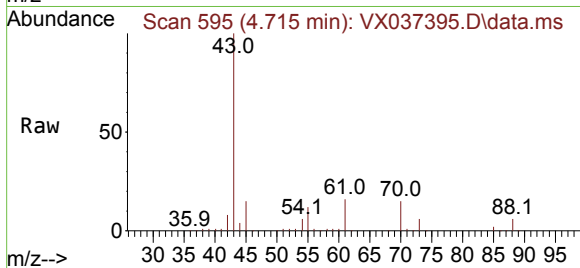
Tgt Ion: 43 Resp: 108936

Ion Ratio Lower Upper

43 100

61 16.0 10.6 16.0

70 14.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 51.299 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

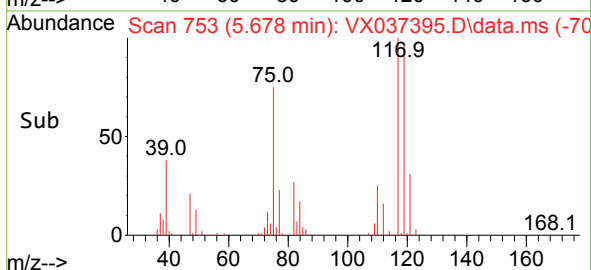
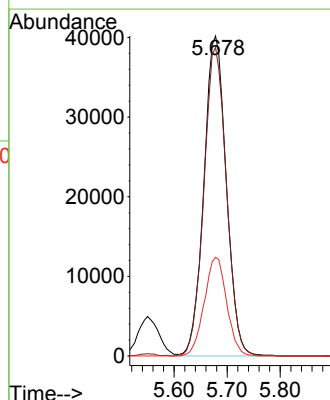
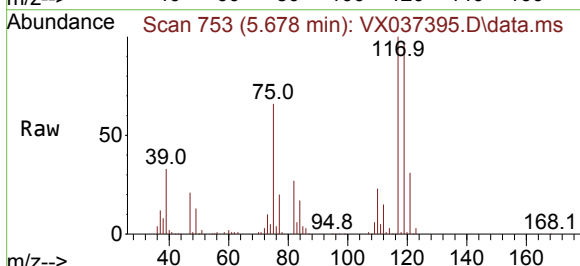
Tgt Ion: 117 Resp: 118031

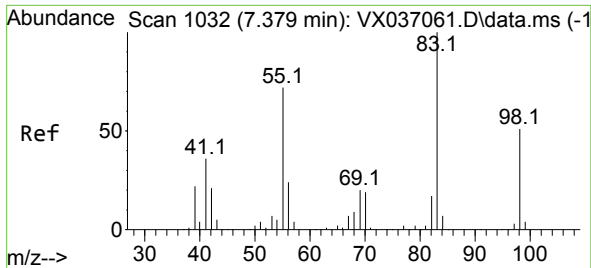
Ion Ratio Lower Upper

117 100

119 96.4 78.2 117.2

121 30.8 24.4 36.6

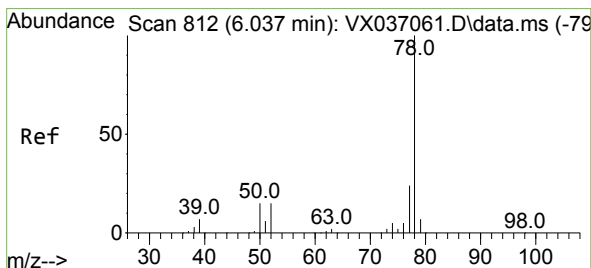
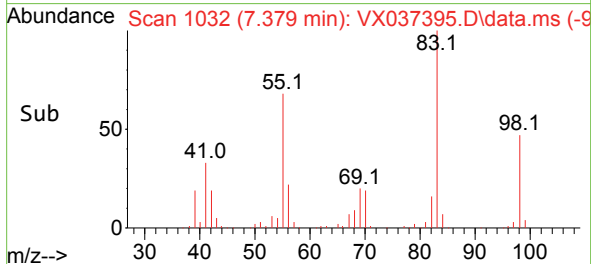
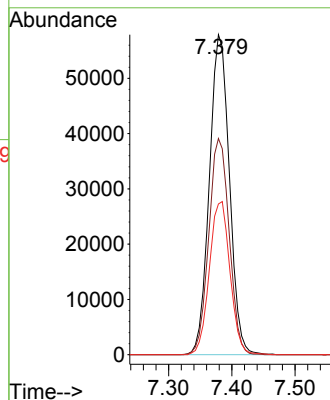
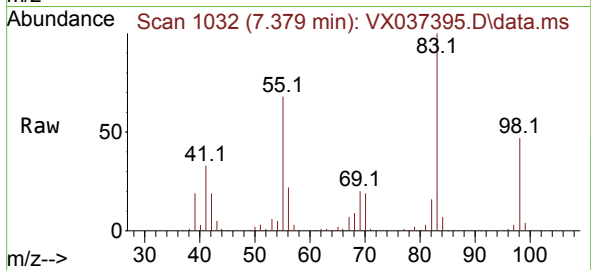




#39
Methylcyclohexane
Concen: 57.315 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

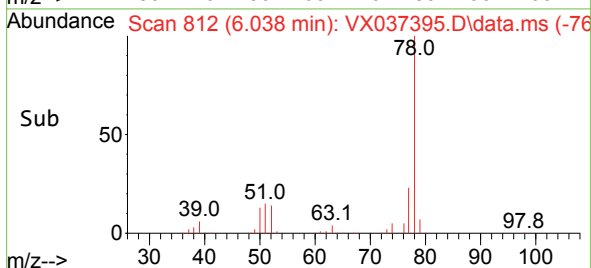
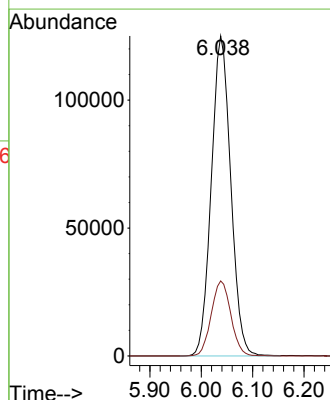
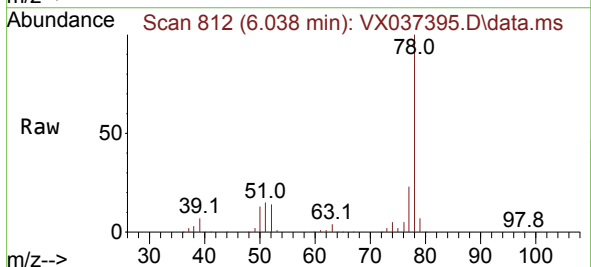
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

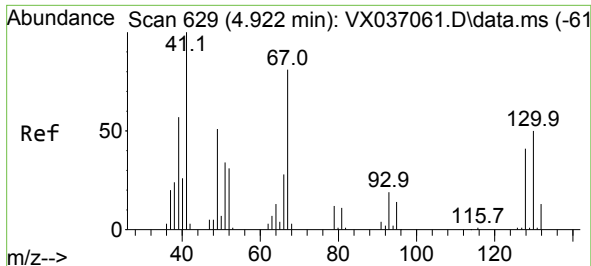
Tgt Ion: 83 Resp: 127547
Ion Ratio Lower Upper
83 100
55 67.5 64.6 97.0
98 47.1 36.7 55.1



#40
Benzene
Concen: 53.992 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 78 Resp: 327987
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9

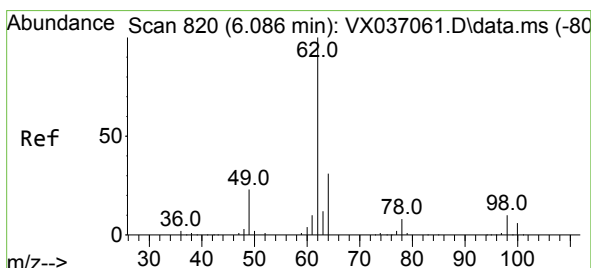
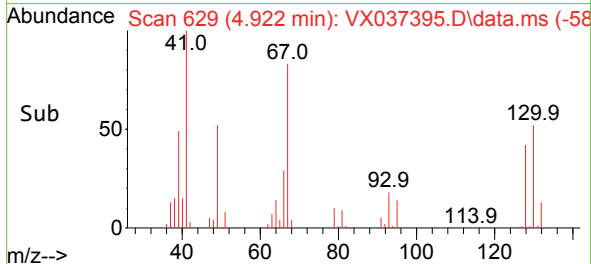
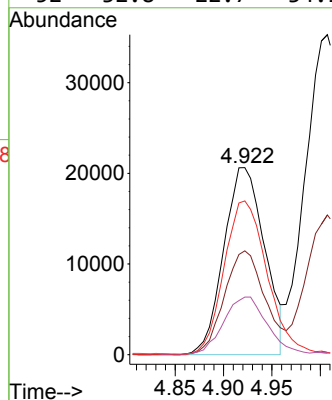
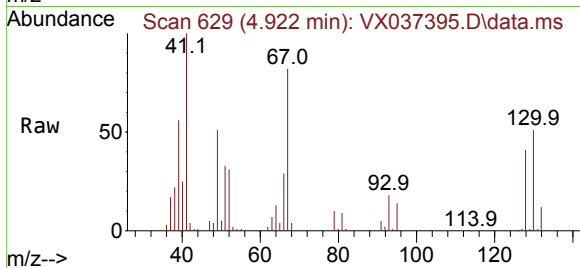




#41
Methacrylonitrile
Concen: 53.901 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

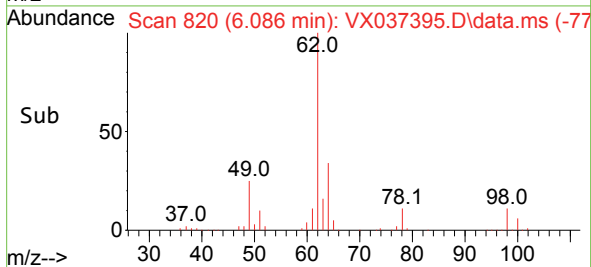
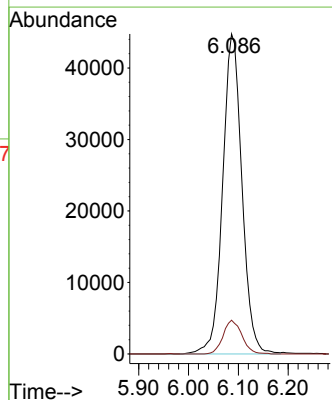
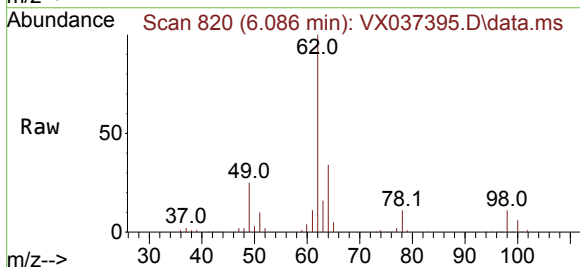
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

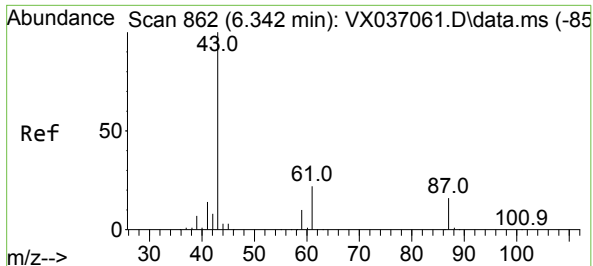
Tgt Ion:	41	Resp:	60627
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.2	67.8
67	87.5	52.6	78.8#
52	32.8	22.7	34.1



#42
1,2-Dichloroethane
Concen: 50.480 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion:	62	Resp:	120256
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	16.0

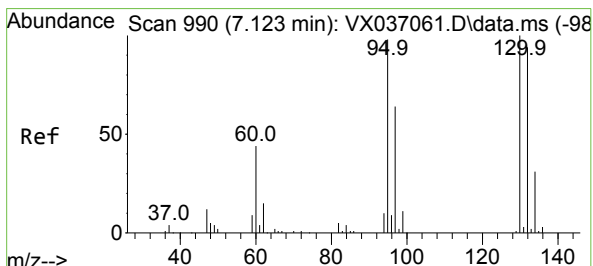
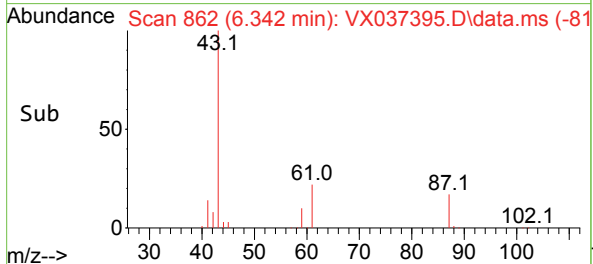
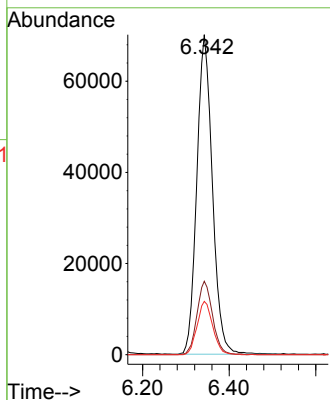
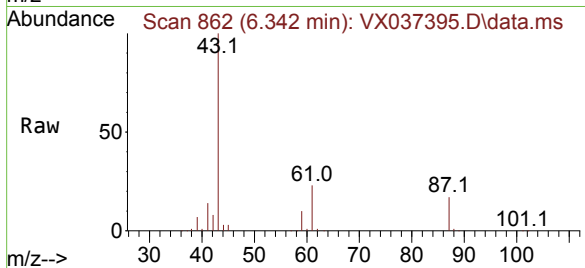




#43
Isopropyl Acetate
Concen: 50.891 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

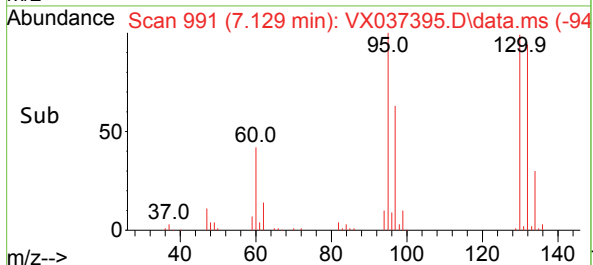
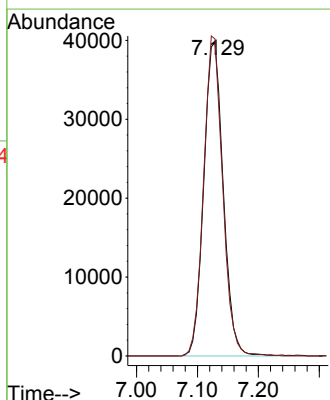
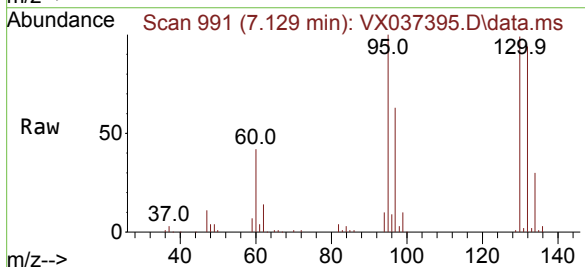
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

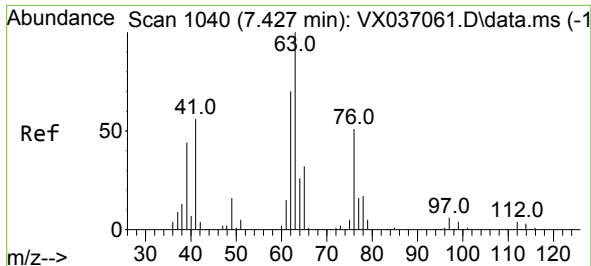
Tgt Ion: 43 Resp: 174815
Ion Ratio Lower Upper
43 100
61 23.0 15.2 22.8#
87 16.7 9.8 14.6#



#44
Trichloroethene
Concen: 51.318 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion:130 Resp: 88396
Ion Ratio Lower Upper
130 100
95 101.1 0.0 204.4

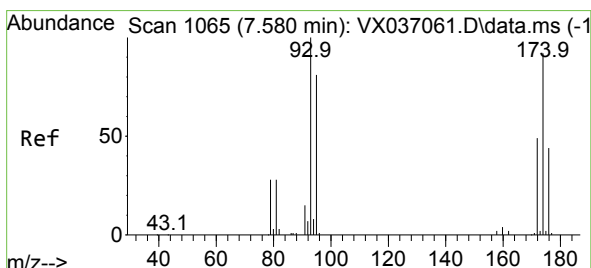
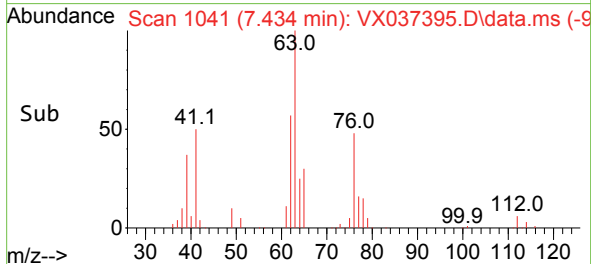
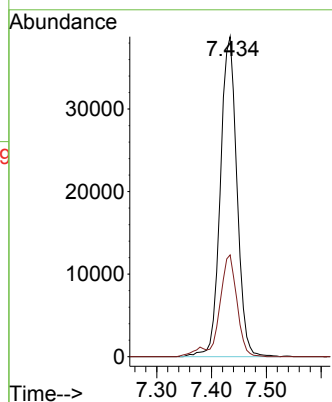
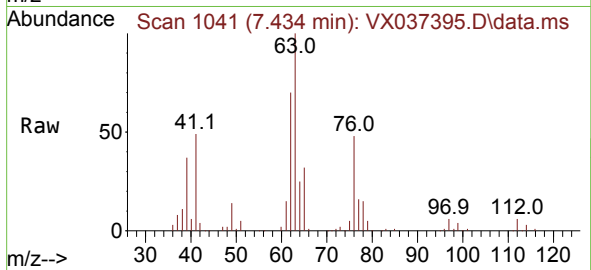




#45
1,2-Dichloropropane
Concen: 54.574 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

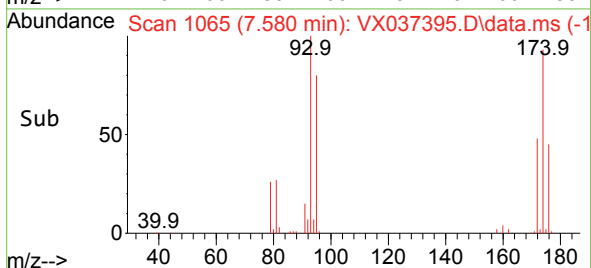
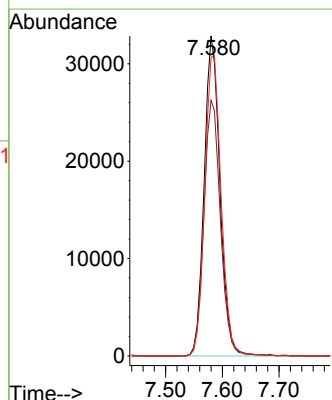
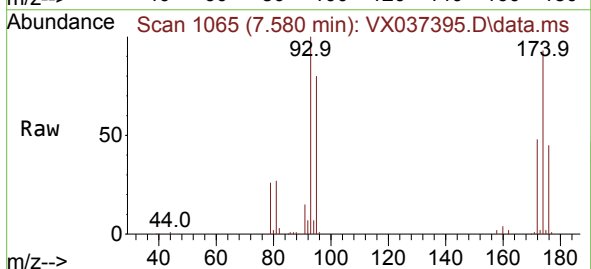
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

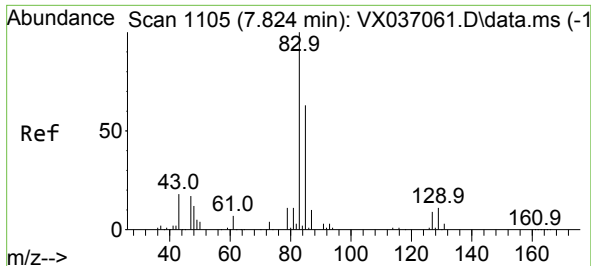
Tgt Ion: 63 Resp: 81743
Ion Ratio Lower Upper
63 100
65 31.8 24.3 36.5



#46
Dibromomethane
Concen: 54.029 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 93 Resp: 63753
Ion Ratio Lower Upper
93 100
95 83.2 66.6 100.0
174 97.2 69.4 104.0

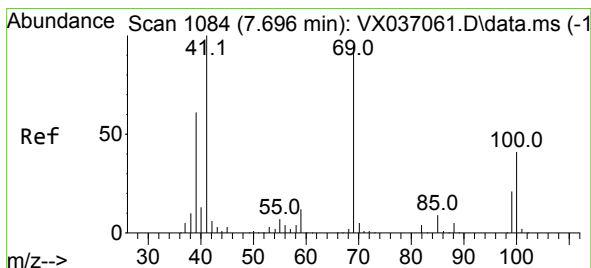
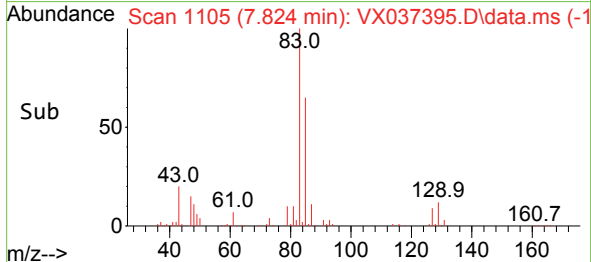
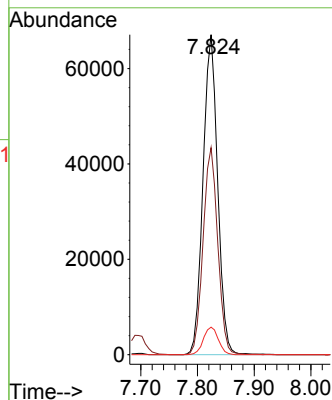
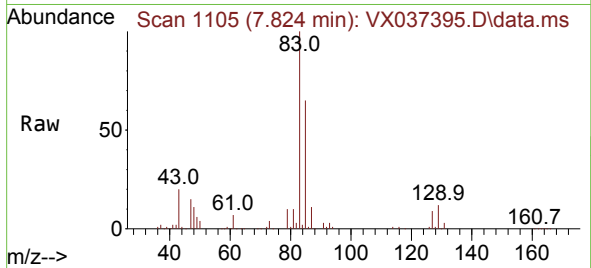




#47
Bromodichloromethane
Concen: 53.180 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

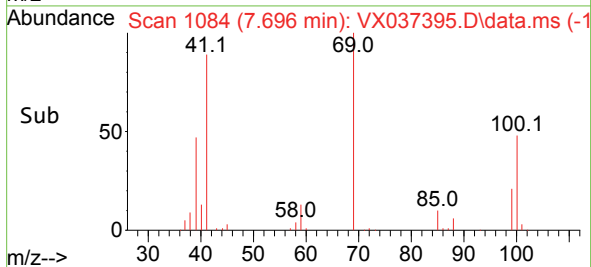
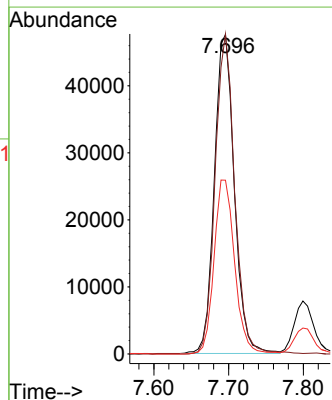
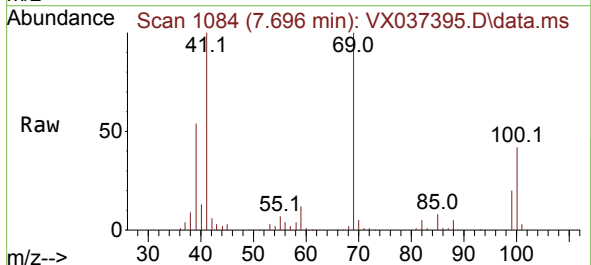
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

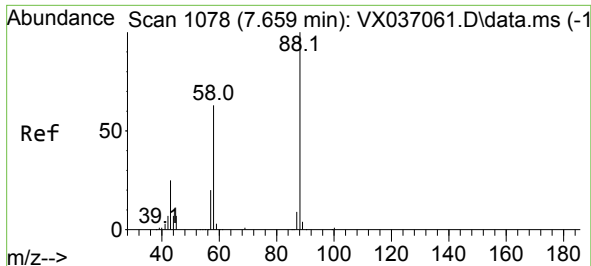
Tgt Ion: 83 Resp: 120191
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 52.711 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 41 Resp: 88302
Ion Ratio Lower Upper
41 100
69 98.5 59.2 88.8#
39 56.3 47.7 71.5

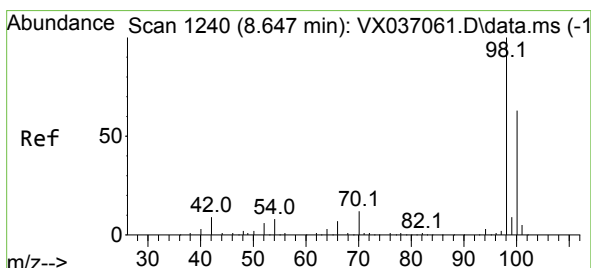
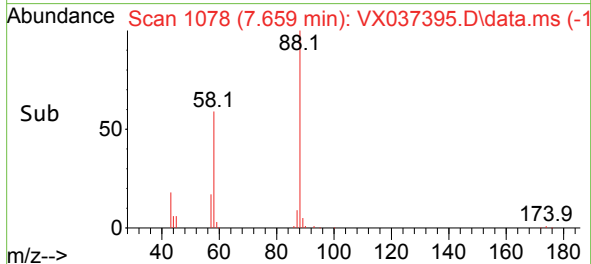
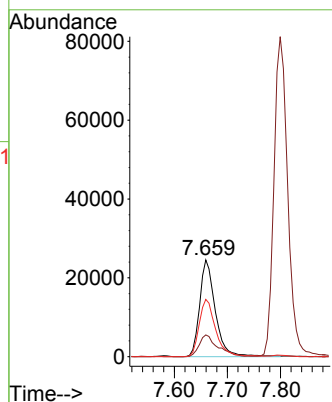
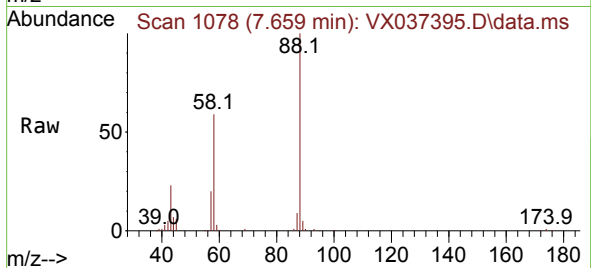




#49
1,4-Dioxane
Concen: 1114.674 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

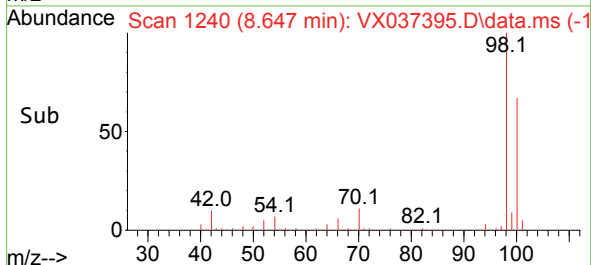
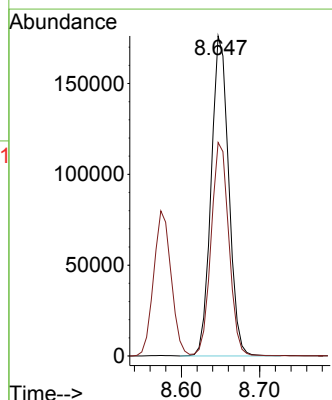
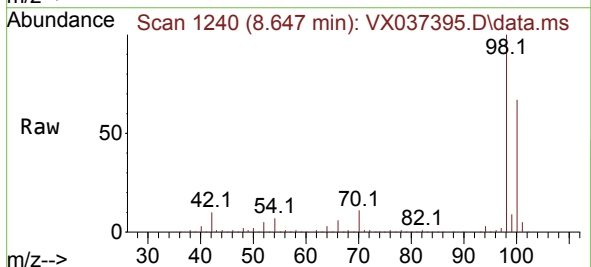
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

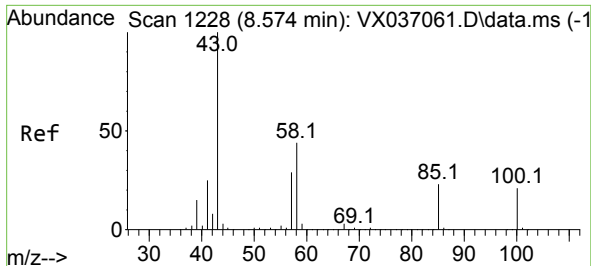
Tgt Ion: 88 Resp: 50290
Ion Ratio Lower Upper
88 100
43 26.9 0.0 0.0#
58 62.4 60.1 90.1



#50
Toluene-d8
Concen: 50.613 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 98 Resp: 273713
Ion Ratio Lower Upper
98 100
100 67.4 53.1 79.7

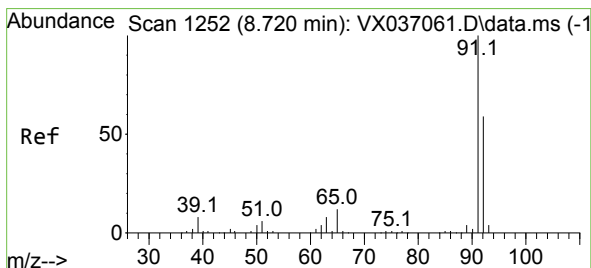
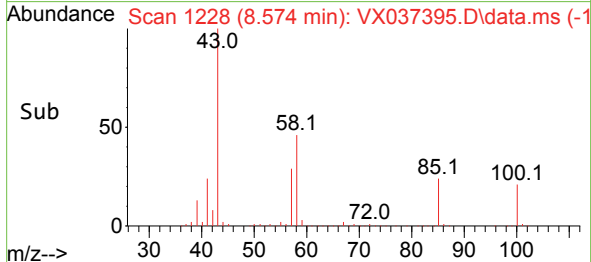
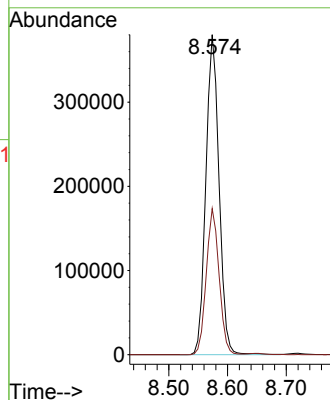
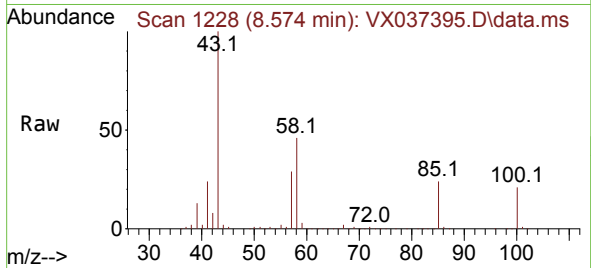




#51
4-Methyl-2-Pentanone
Concen: 283.789 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

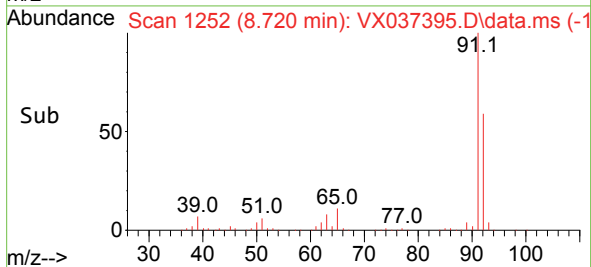
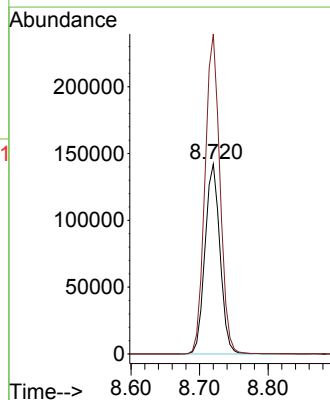
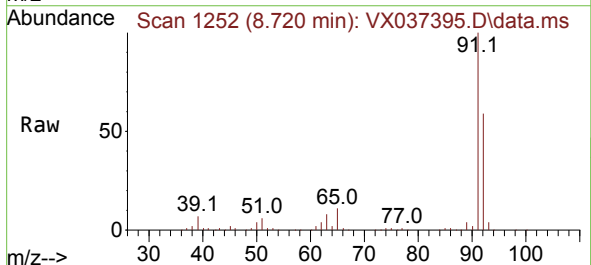
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

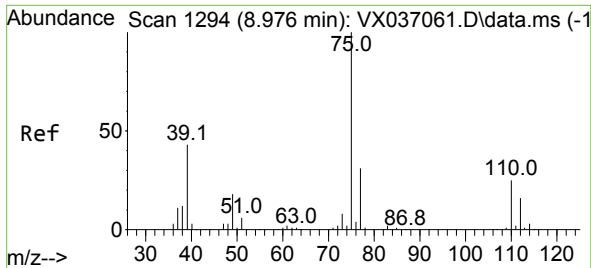
Tgt Ion: 43 Resp: 591946
Ion Ratio Lower Upper
43 100
58 44.6 30.4 45.6



#52
Toluene
Concen: 54.027 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 92 Resp: 216847
Ion Ratio Lower Upper
92 100
91 168.2 134.2 201.2

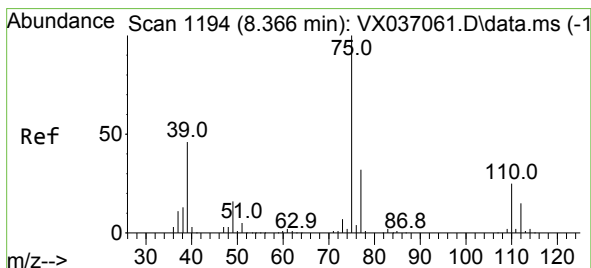
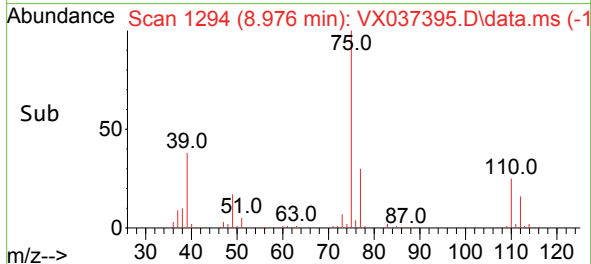
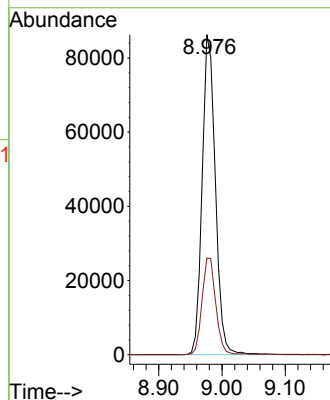
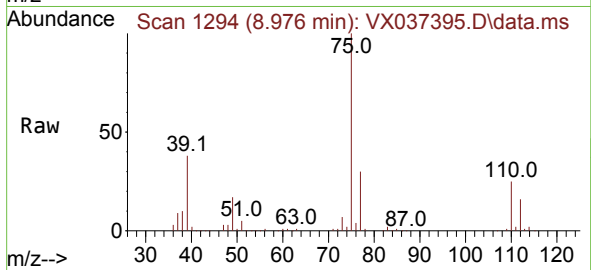




#53
 t-1,3-Dichloropropene
 Concen: 52.229 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX037395.D
 Acq: 30 Aug 2023 17:43

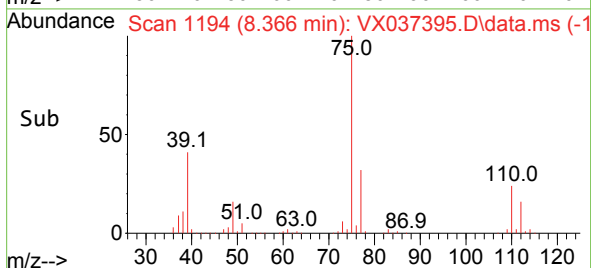
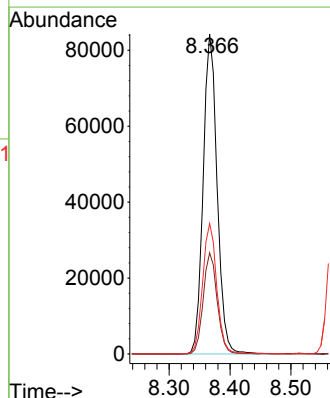
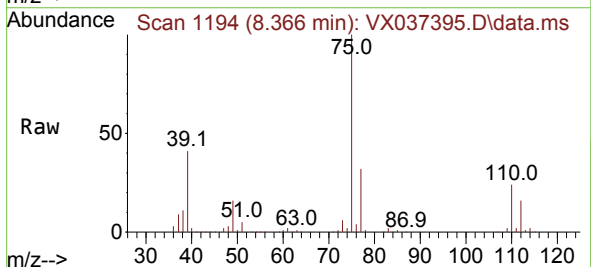
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-9.5-082923MSD

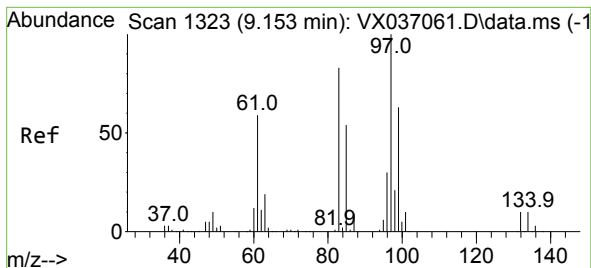
Tgt Ion: 75 Resp: 125686
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 51.752 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX037395.D
 Acq: 30 Aug 2023 17:43

Tgt Ion: 75 Resp: 134582
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 40.8 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 56.323 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037395.D

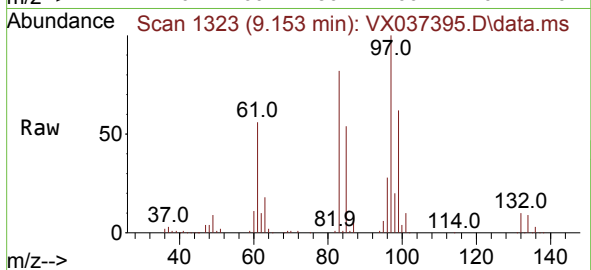
Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

MW-01-9.5-082923MSD



Tgt Ion: 97 Resp: 92053

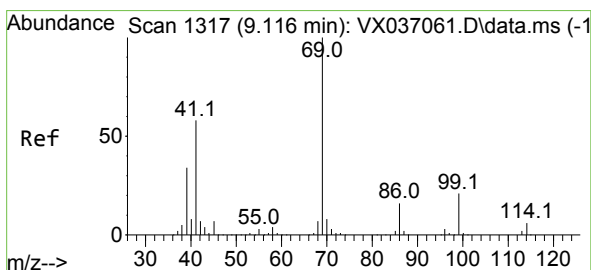
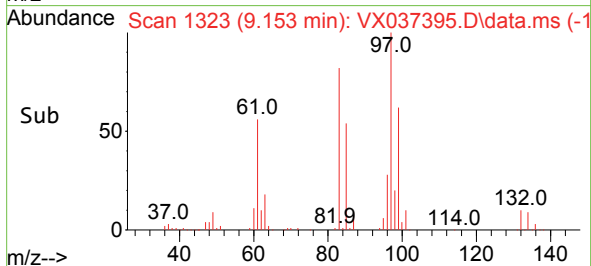
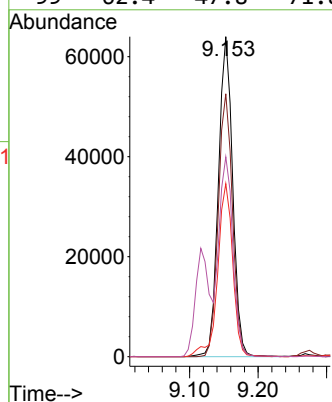
Ion Ratio Lower Upper

97 100

83 82.2 65.8 98.8

85 54.1 41.6 62.4

99 62.4 47.8 71.8



#56

Ethyl methacrylate

Concen: 56.007 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

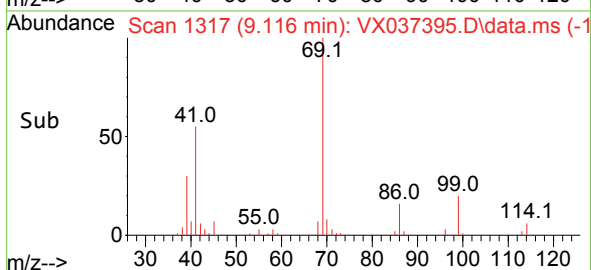
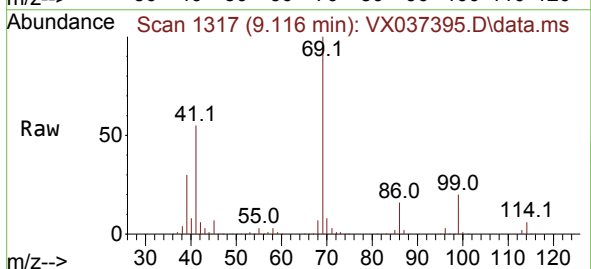
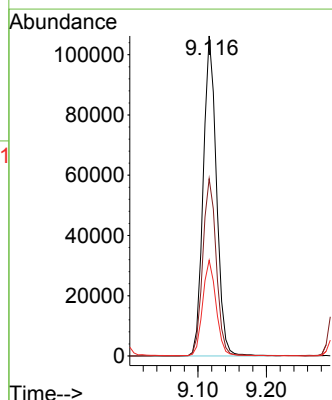
Tgt Ion: 69 Resp: 143377

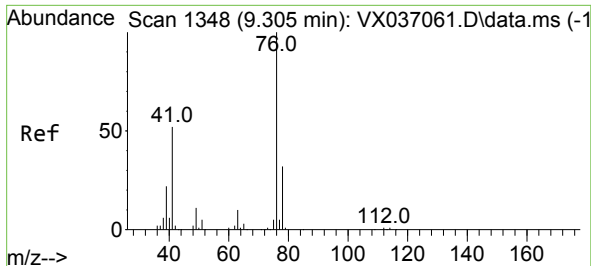
Ion Ratio Lower Upper

69 100

41 56.3 56.8 85.2#

39 30.2 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 55.254 ug/l

RT: 9.311 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

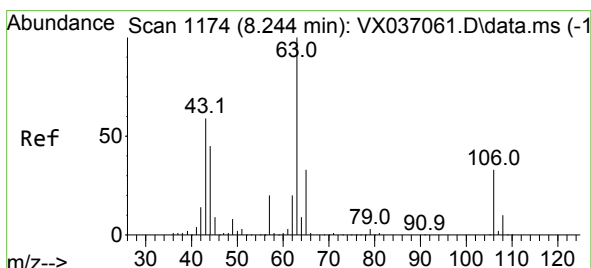
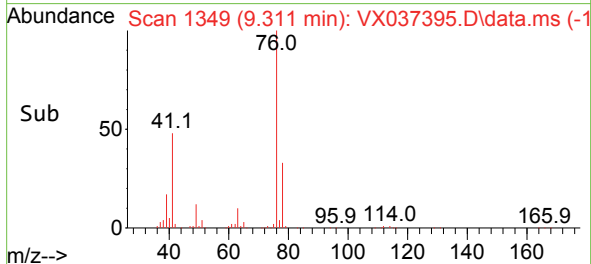
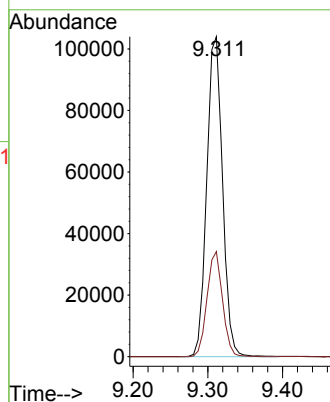
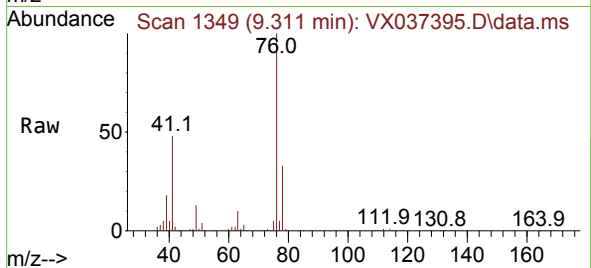
MW-01-9.5-082923MSD

Tgt Ion: 76 Resp: 152233

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 0.624 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.128 min

Lab File: VX037395.D

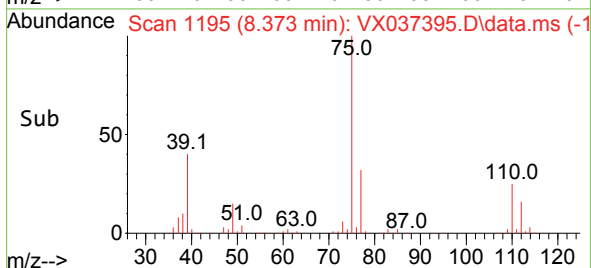
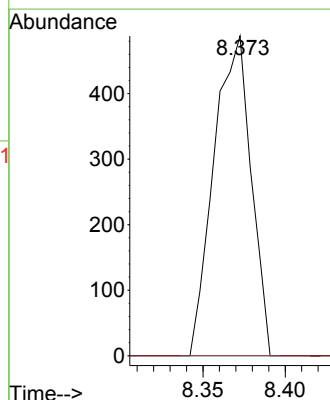
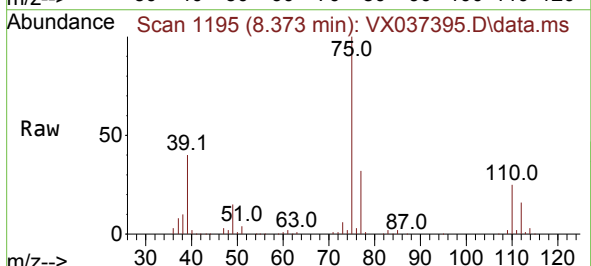
Acq: 30 Aug 2023 17:43

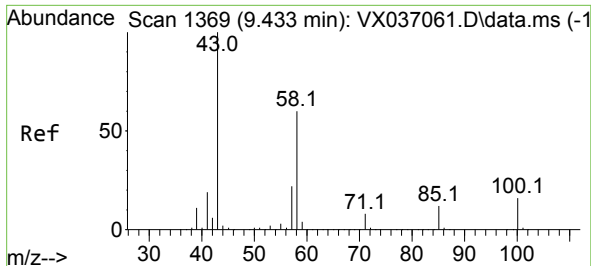
Tgt Ion: 63 Resp: 767

Ion Ratio Lower Upper

63 100

106 0.0 22.5 33.7#

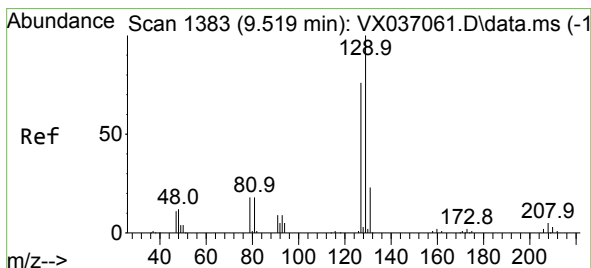
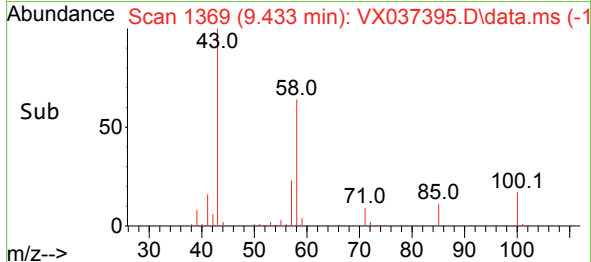
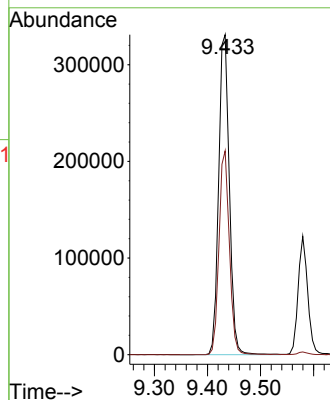
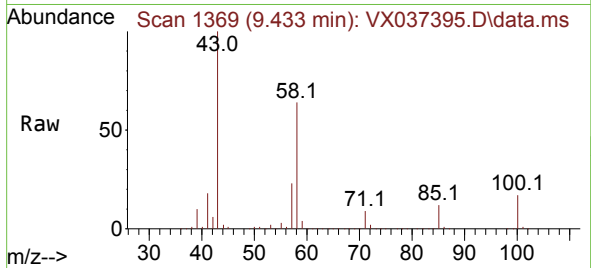




#59
2-Hexanone
Concen: 290.995 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

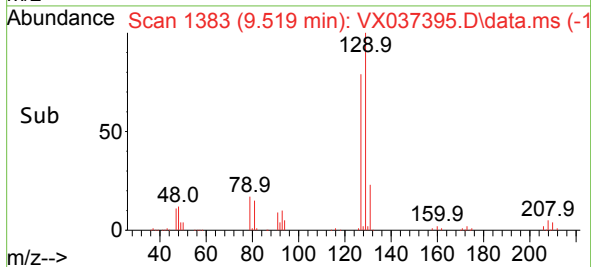
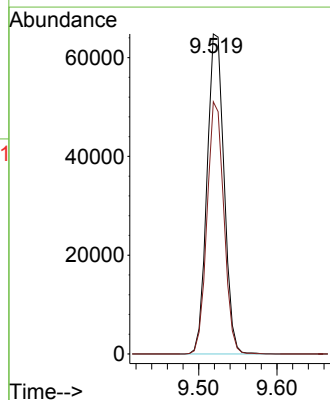
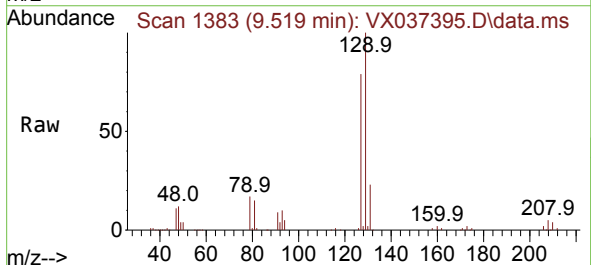
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

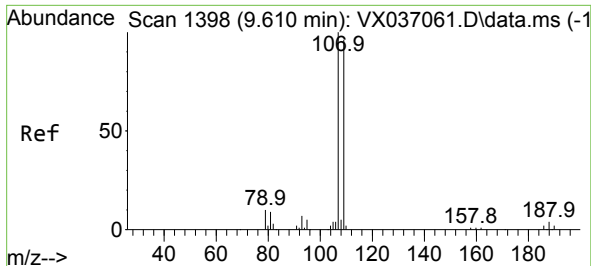
Tgt Ion: 43 Resp: 462805
Ion Ratio Lower Upper
43 100
58 62.2 26.2 78.5



#60
Dibromochloromethane
Concen: 56.009 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 129 Resp: 97461
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4

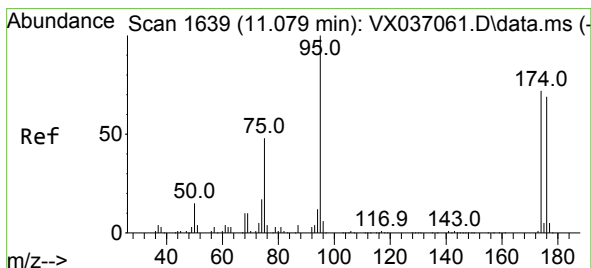
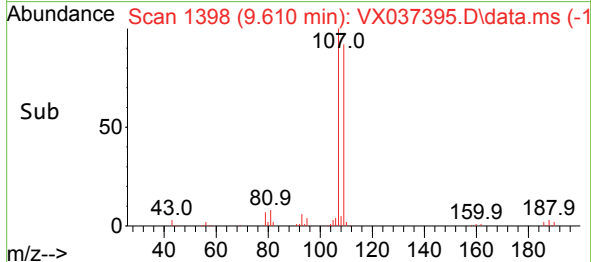
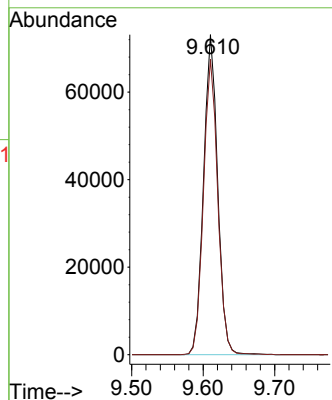
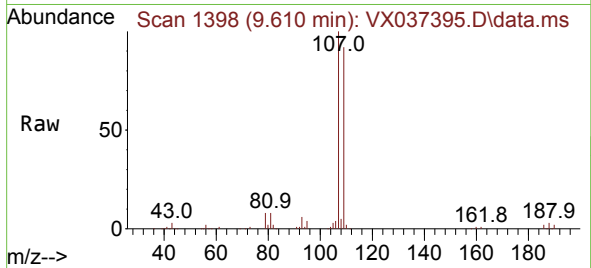




#61
1,2-Dibromoethane
Concen: 56.076 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

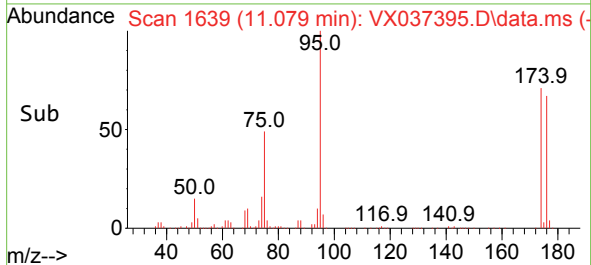
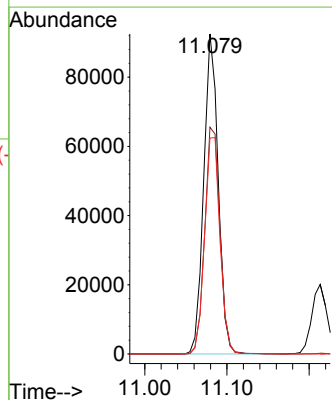
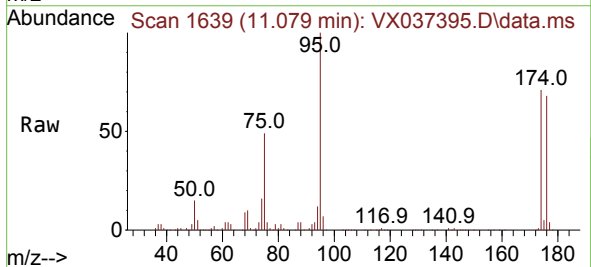
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

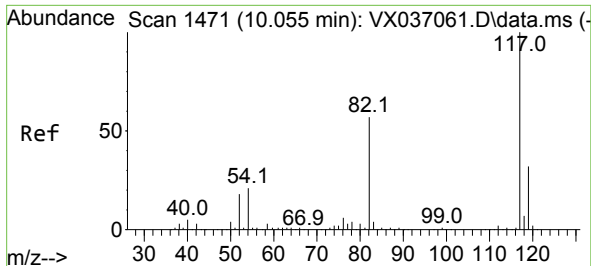
Tgt Ion:107 Resp: 100344
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 53.166 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 95 Resp: 112991
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 72.0 0.0 131.0

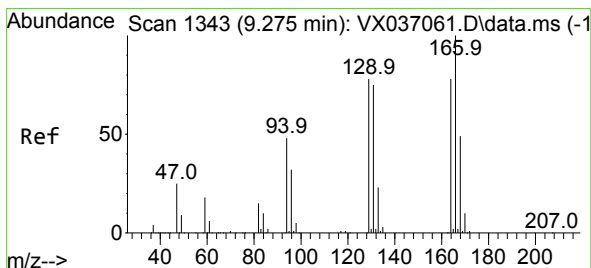
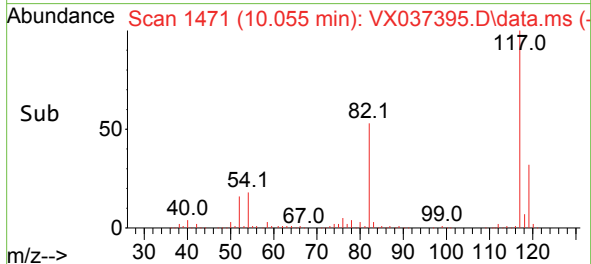
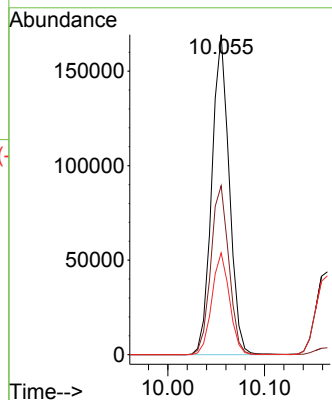
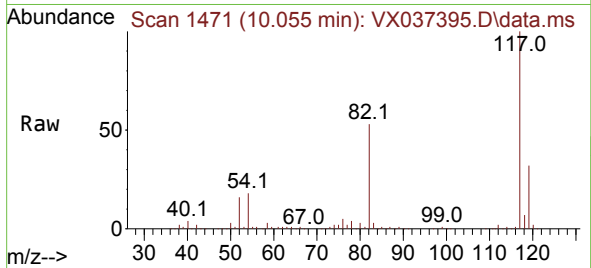




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

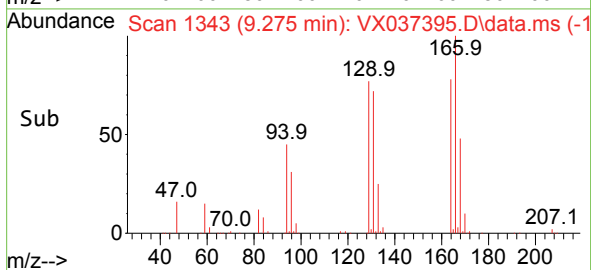
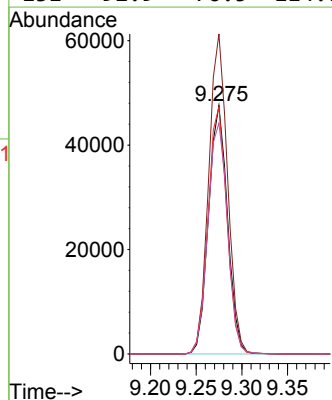
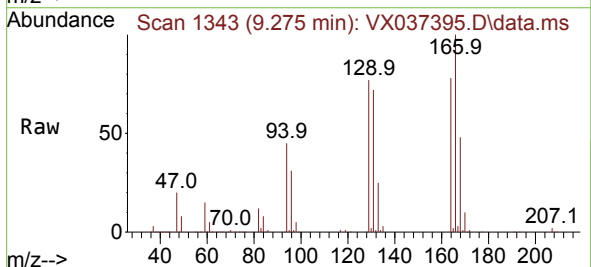
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

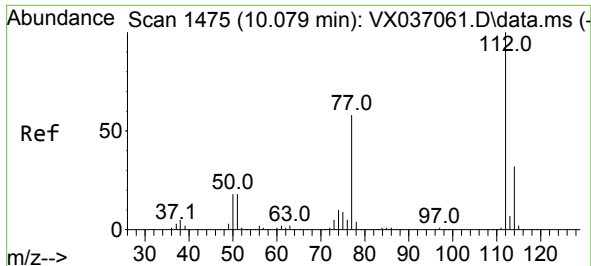
Tgt Ion:117 Resp: 212479
Ion Ratio Lower Upper
117 100
82 52.8 46.2 69.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 44.237 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion:164 Resp: 68570
Ion Ratio Lower Upper
164 100
166 128.8 102.7 154.1
129 99.4 80.4 120.6
131 92.9 76.5 114.7

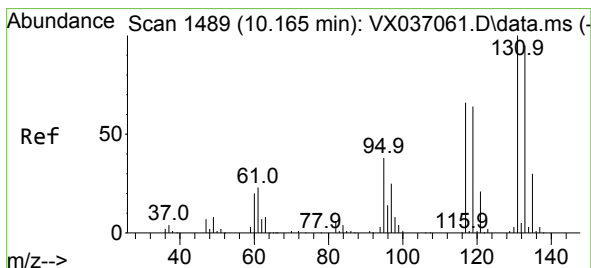
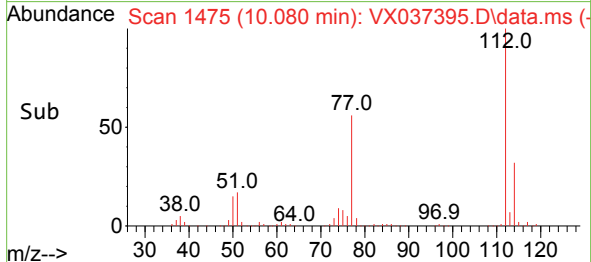
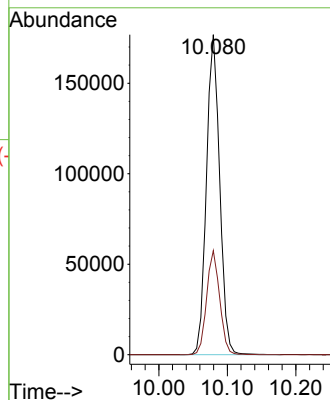
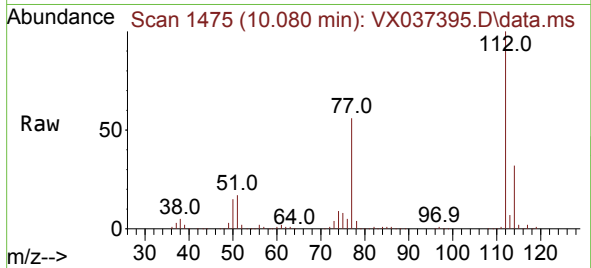




#65
Chlorobenzene
Concen: 52.893 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

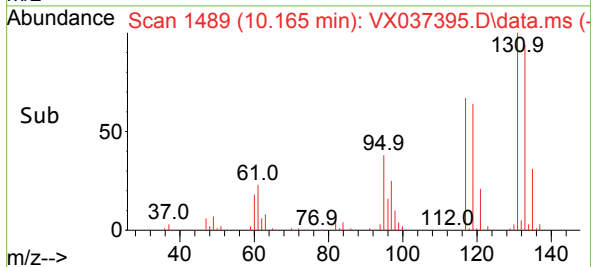
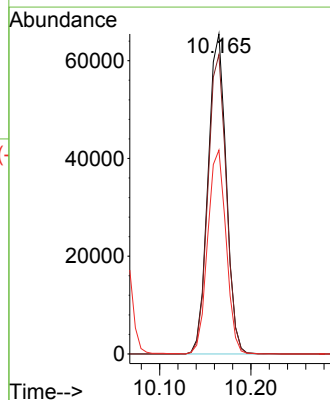
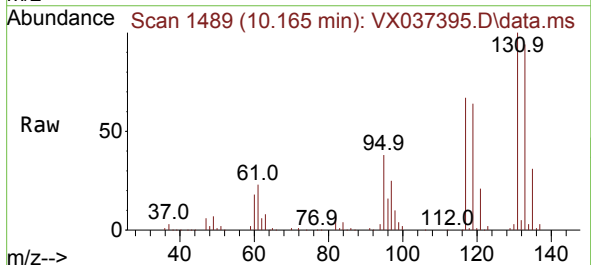
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

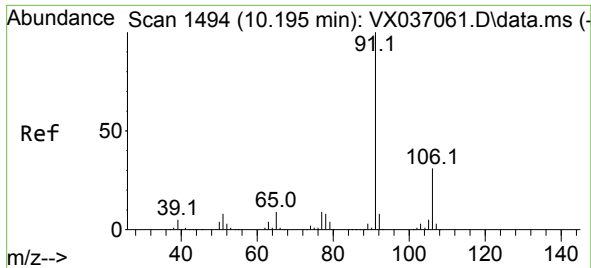
Tgt Ion:112 Resp: 237533
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.510 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion:131 Resp: 90348
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 64.5 32.2 96.6

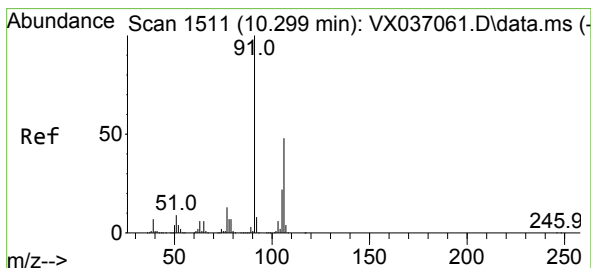
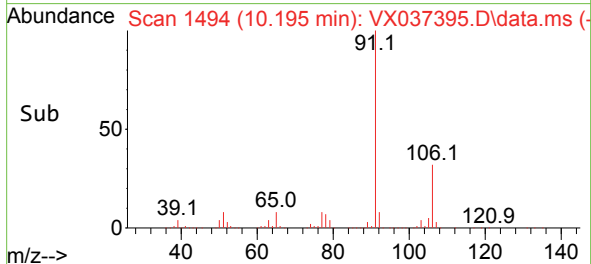
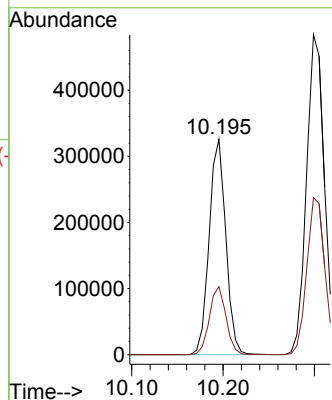
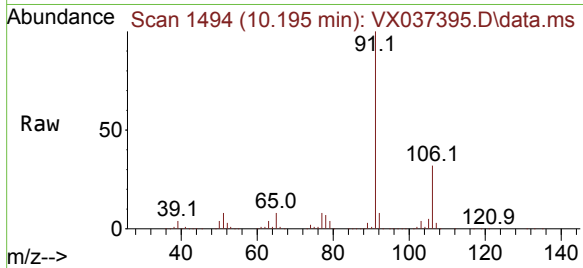




#67
Ethyl Benzene
Concen: 52.279 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

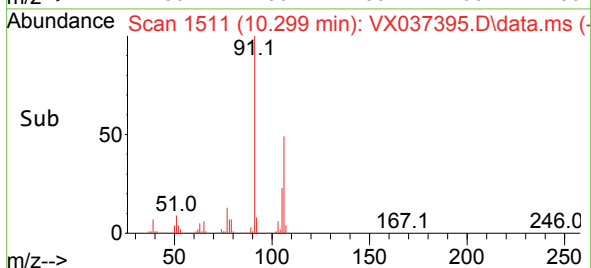
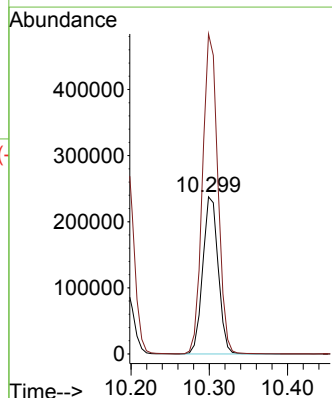
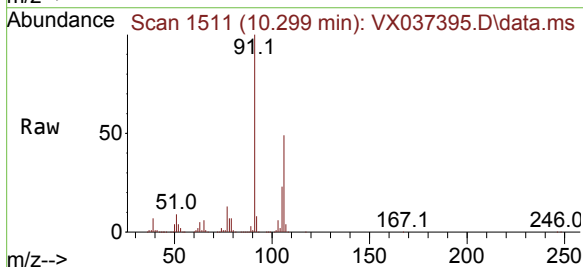
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

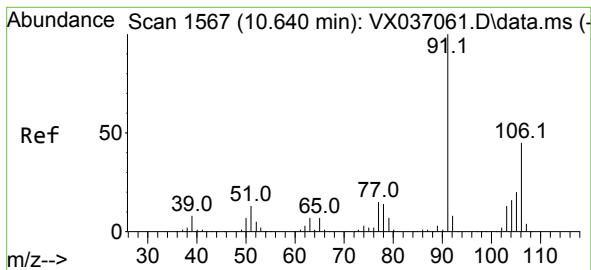
Tgt Ion: 91 Resp: 413117
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 106.498 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 106 Resp: 324991
Ion Ratio Lower Upper
106 100
91 202.1 165.5 248.3





#69

o-Xylene

Concen: 53.789 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

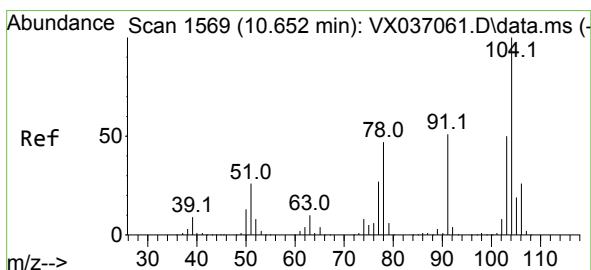
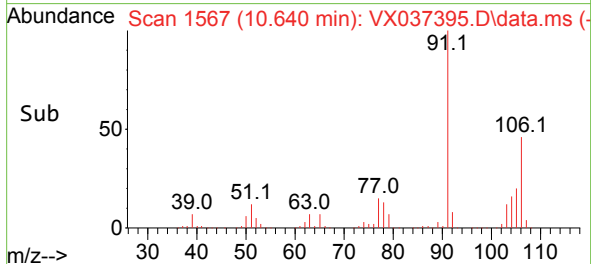
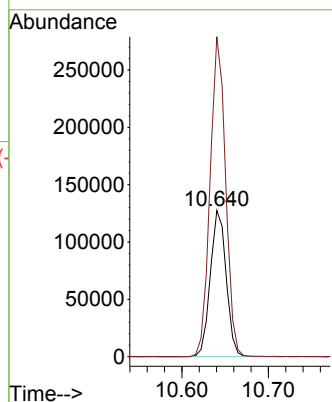
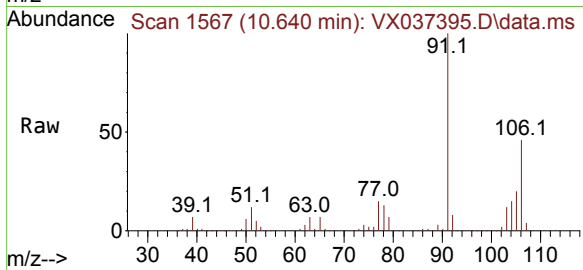
MW-01-9.5-082923MSD

Tgt Ion:106 Resp: 161944

Ion Ratio Lower Upper

106 100

91 214.6 108.9 326.8



#70

Styrene

Concen: 54.490 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

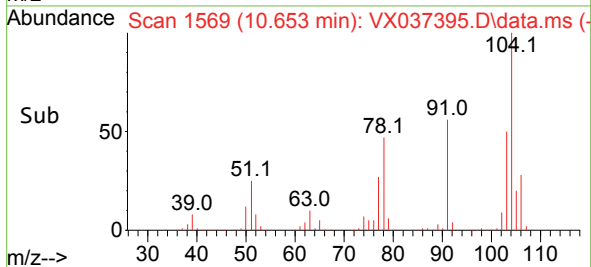
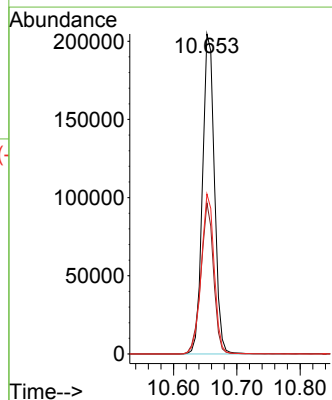
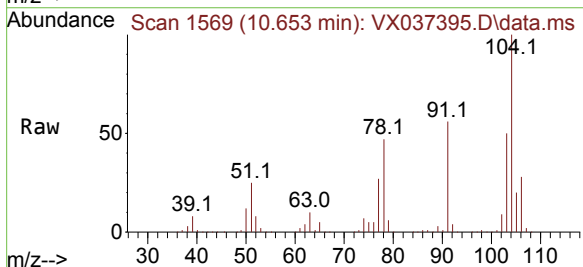
Tgt Ion:104 Resp: 270239

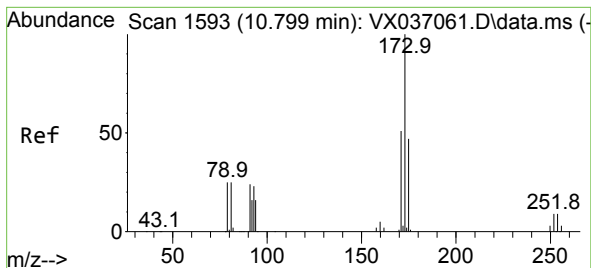
Ion Ratio Lower Upper

104 100

78 50.0 43.6 65.4

103 54.2 43.6 65.4





#71

Bromoform

Concen: 57.902 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037395.D

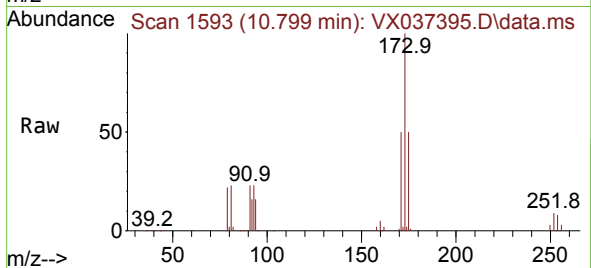
Acq: 30 Aug 2023 17:43

Instrument :

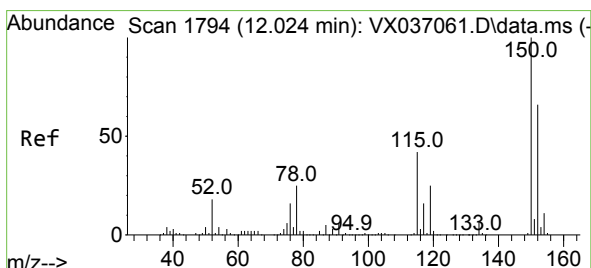
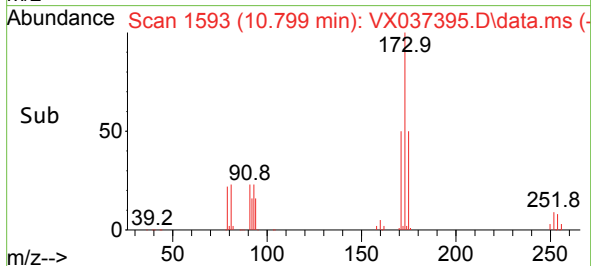
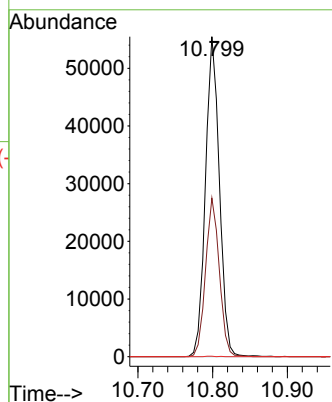
MSVOA_X

ClientSampleId :

MW-01-9.5-082923MSD



Tgt Ion:173	Resp:	71787
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

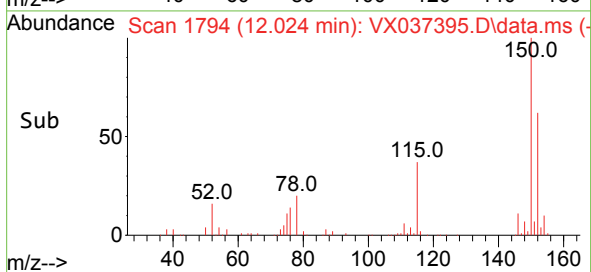
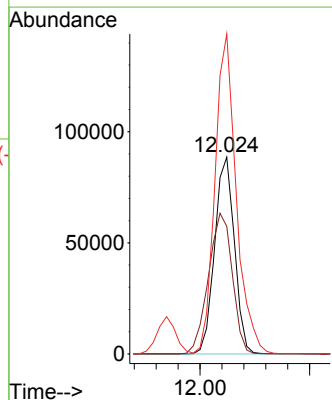
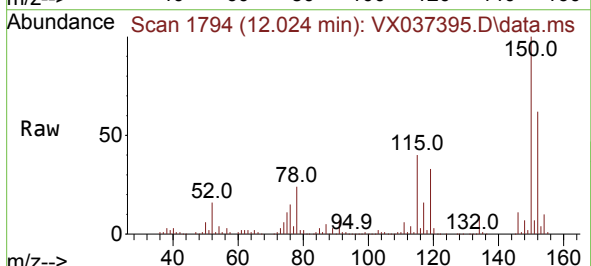
RT: 12.024 min Scan# 1794

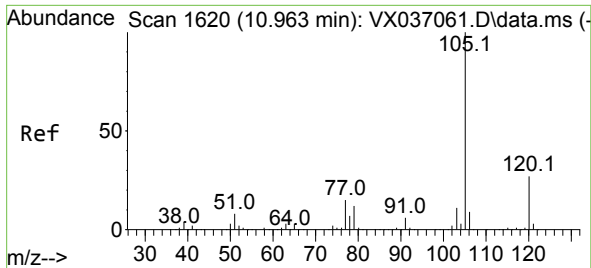
Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Tgt Ion:152	Resp:	111057
Ion Ratio	Lower	Upper
152	100	
115	86.4	43.3 129.9
150	175.2	0.0 345.0

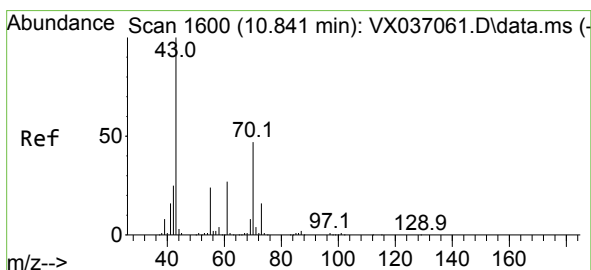
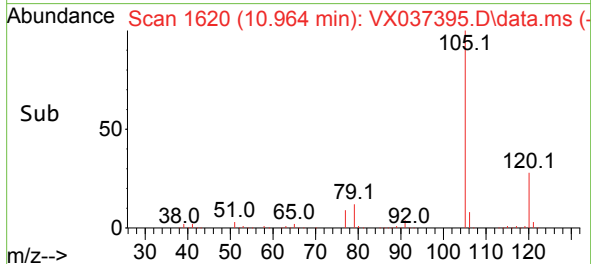
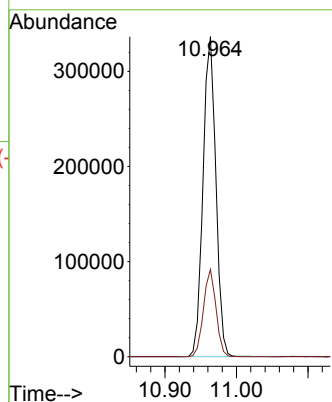
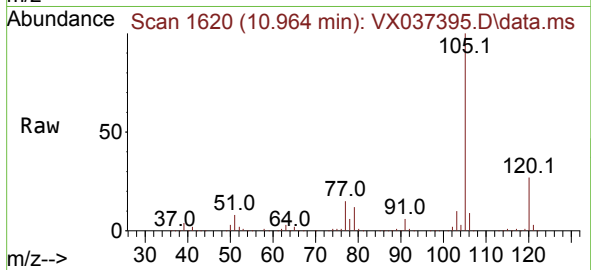




#73
Isopropylbenzene
Concen: 52.026 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

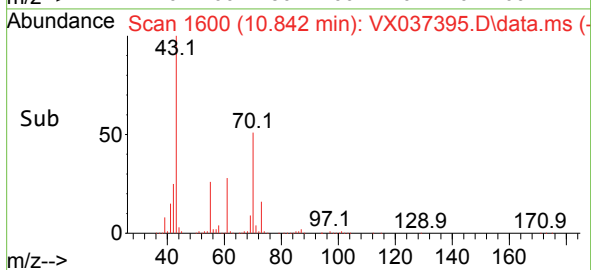
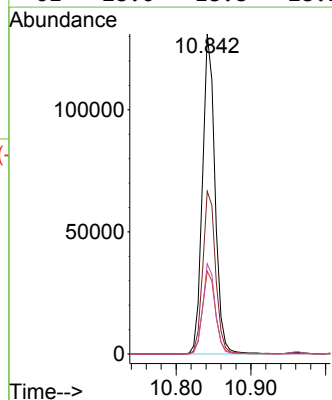
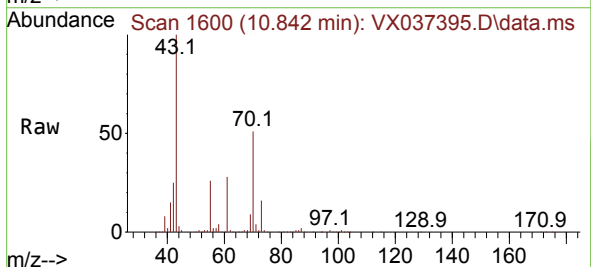
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

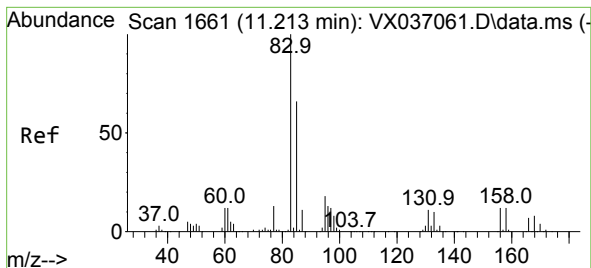
Tgt Ion:105 Resp: 419963
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6



#74
N-ethyl acetate
Concen: 48.761 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 43 Resp: 152942
Ion Ratio Lower Upper
43 100
70 52.1 32.9 49.3#
55 27.0 19.3 28.9
61 28.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 56.723 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

MW-01-9.5-082923MSD

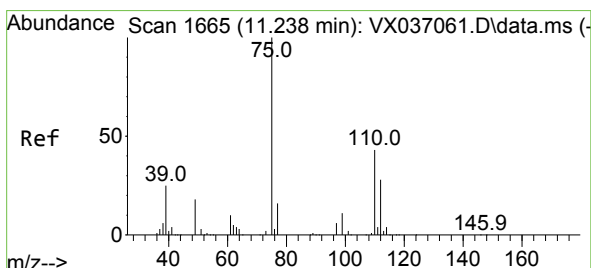
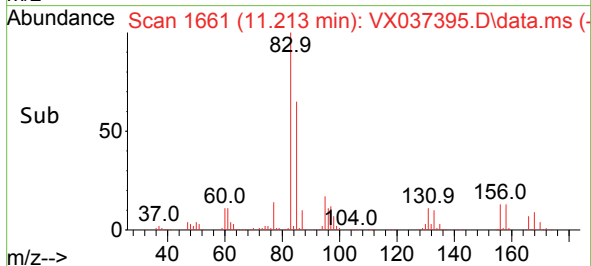
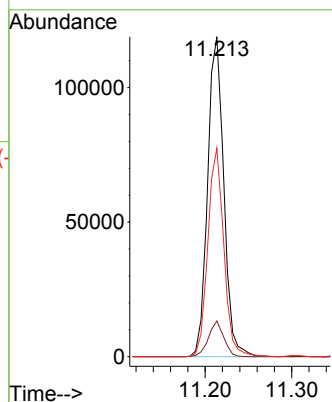
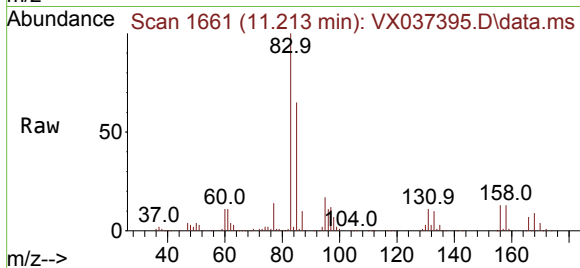
Tgt Ion: 83 Resp: 154201

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

85 64.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 70.067 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX037395.D

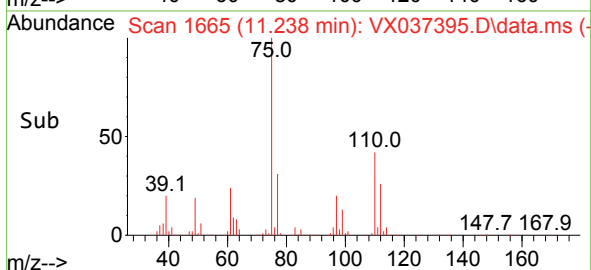
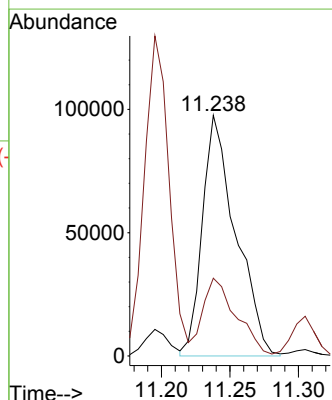
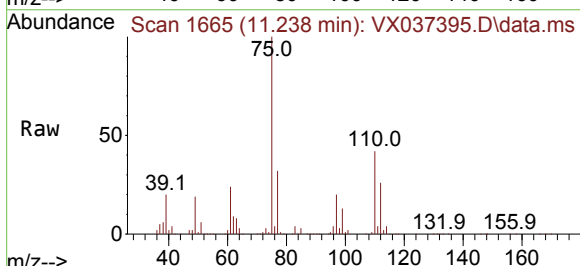
Acq: 30 Aug 2023 17:43

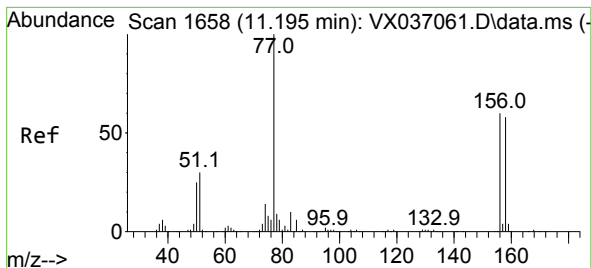
Tgt Ion: 75 Resp: 165720

Ion Ratio Lower Upper

75 100

77 32.4 19.1 57.5





#77

Bromobenzene

Concen: 52.938 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

MW-01-9.5-082923MSD

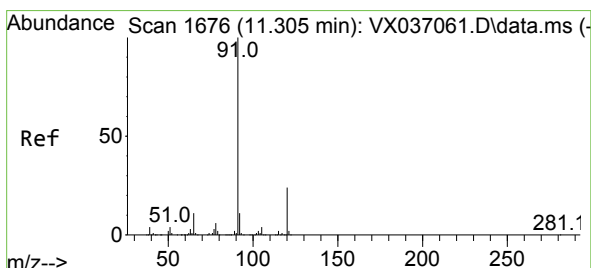
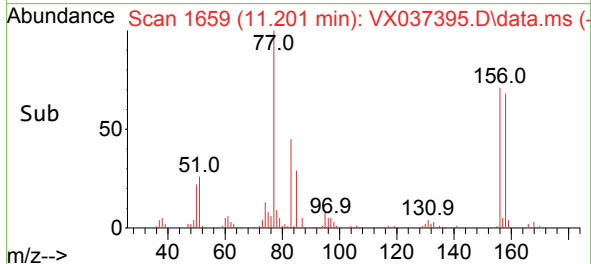
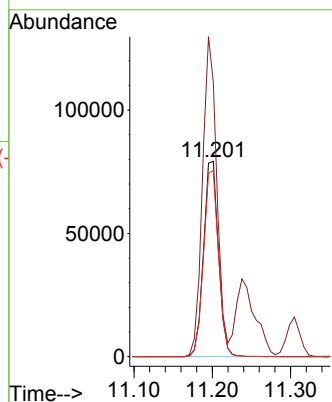
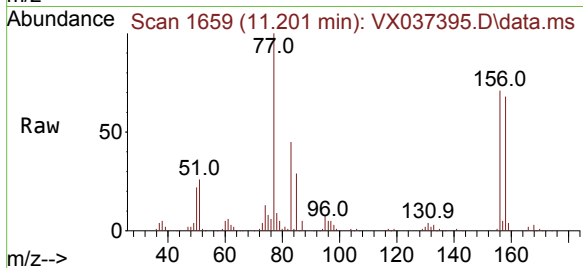
Tgt Ion:156 Resp: 104364

Ion Ratio Lower Upper

156 100

77 156.9 88.4 265.3

158 96.0 48.0 144.0



#78

n-propylbenzene

Concen: 52.478 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037395.D

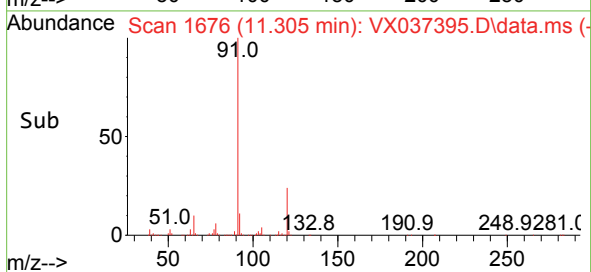
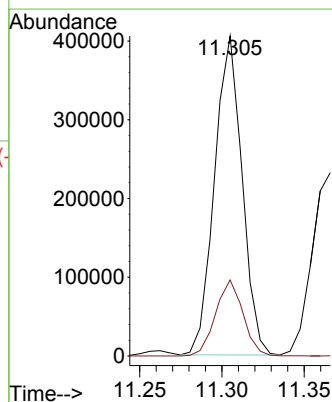
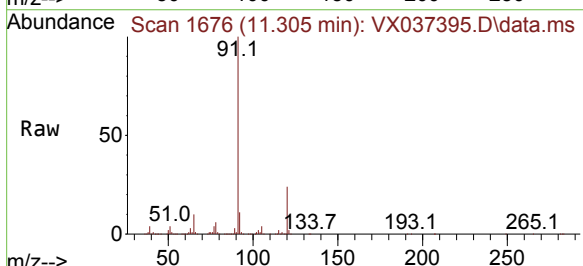
Acq: 30 Aug 2023 17:43

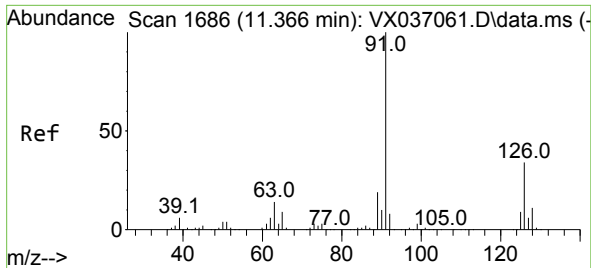
Tgt Ion: 91 Resp: 471702

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4

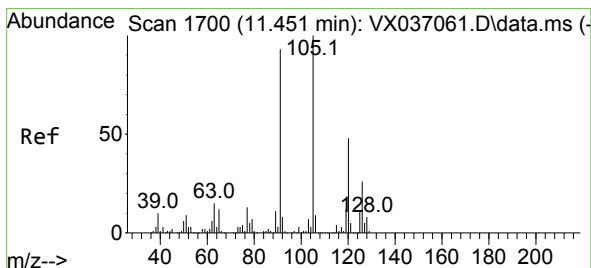
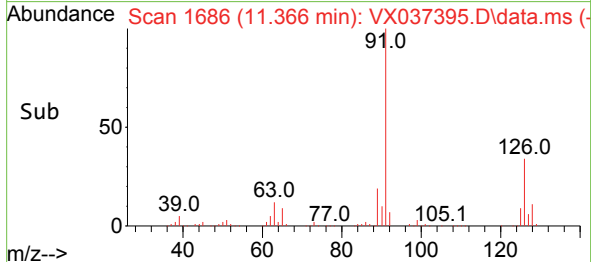
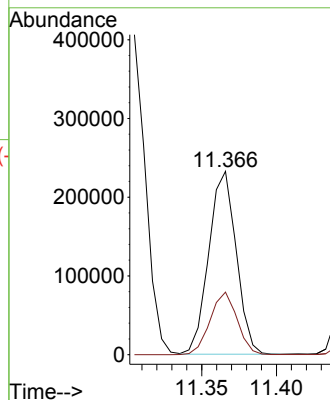
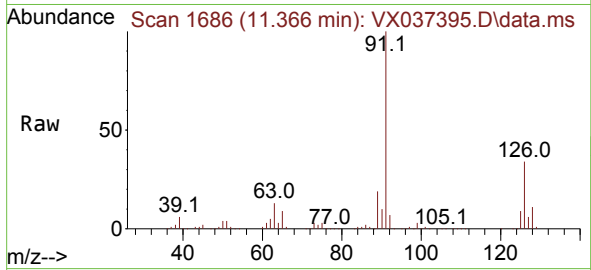




#79
2-Chlorotoluene
Concen: 51.688 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

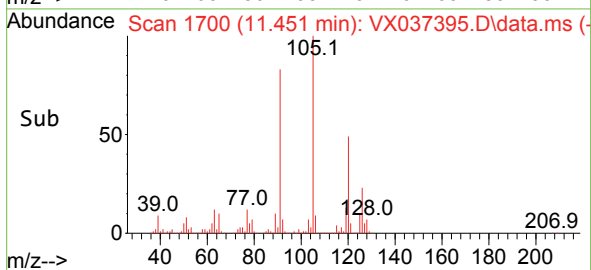
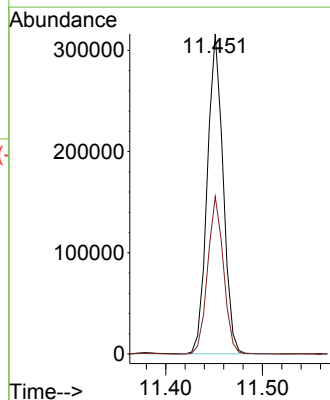
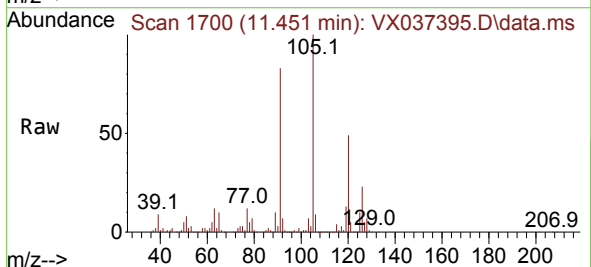
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

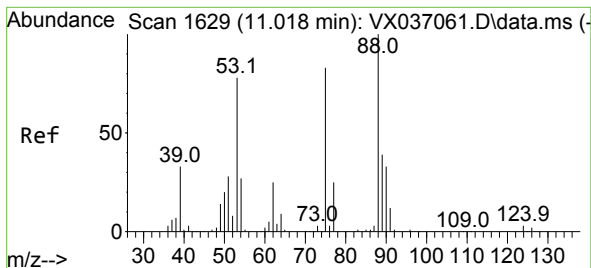
Tgt Ion: 91 Resp: 296895
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 53.466 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 105 Resp: 360024
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3

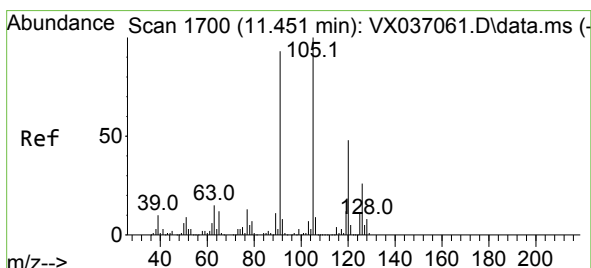
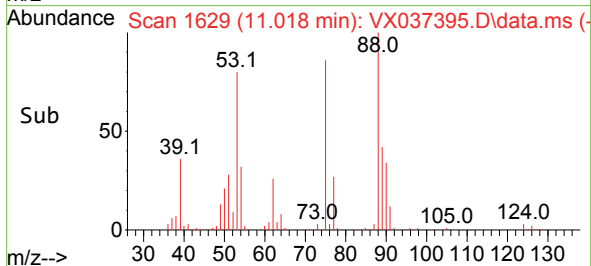
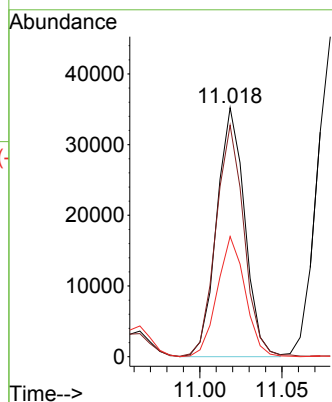
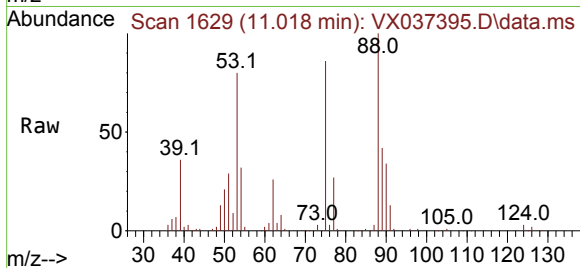




#81
trans-1,4-Dichloro-2-butene
Concen: 49.315 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

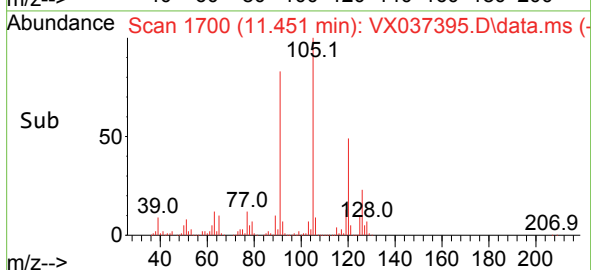
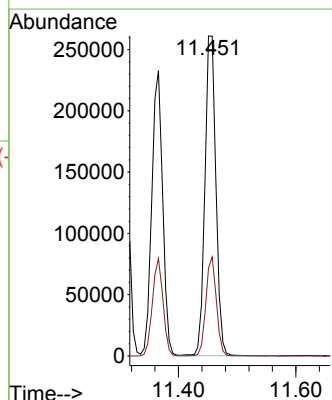
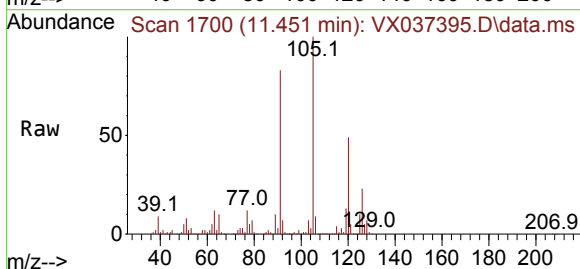
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

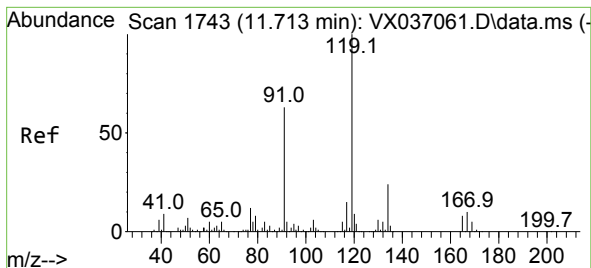
Tgt Ion:	75	Resp:	41760
Ion	Ratio	Lower	Upper
75	100		
53	92.7	90.5	135.7
89	48.1	36.9	55.3



#82
4-Chlorotoluene
Concen: 51.259 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion:	91	Resp:	339877
Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.2	42.6





#83

tert-Butylbenzene

Concen: 58.302 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

MW-01-9.5-082923MSD

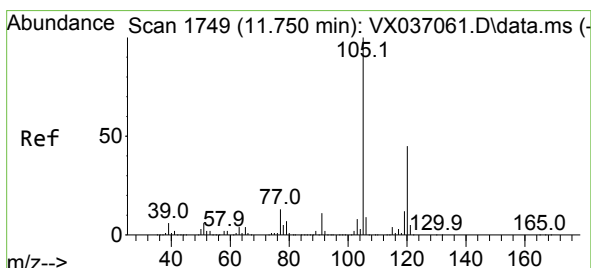
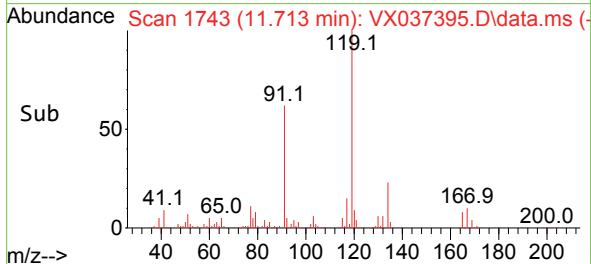
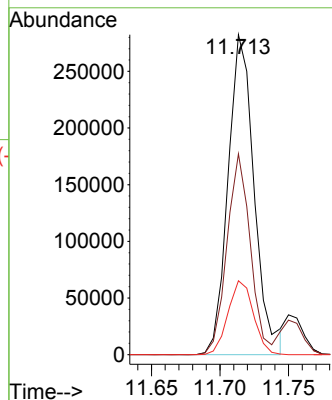
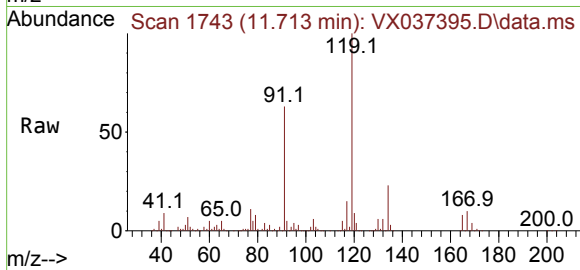
Tgt Ion:119 Resp: 374408

Ion Ratio Lower Upper

119 100

91 56.3 31.2 93.6

134 22.5 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 53.583 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX037395.D

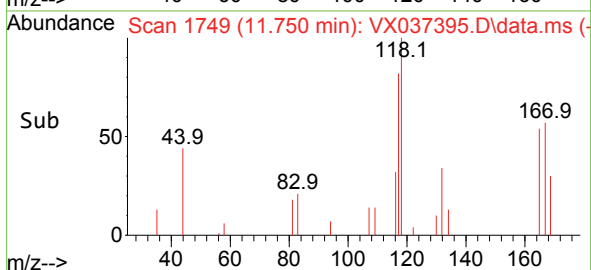
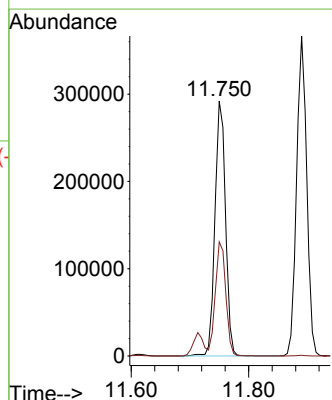
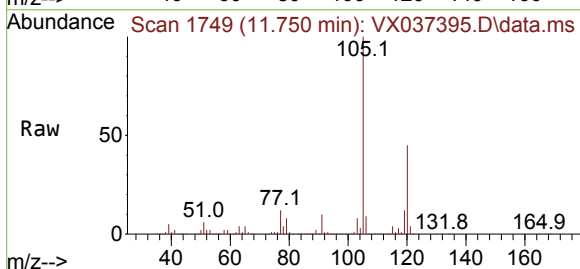
Acq: 30 Aug 2023 17:43

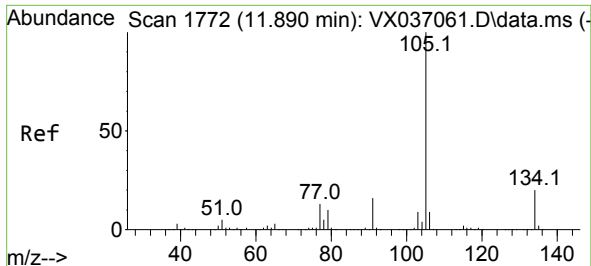
Tgt Ion:105 Resp: 364653

Ion Ratio Lower Upper

105 100

120 44.1 21.2 63.6

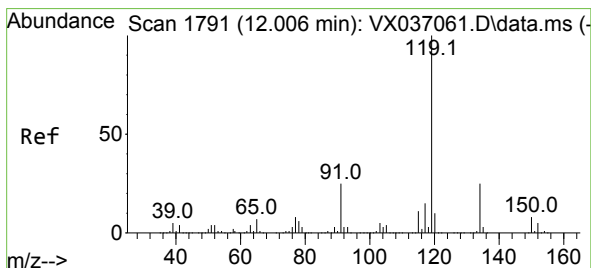
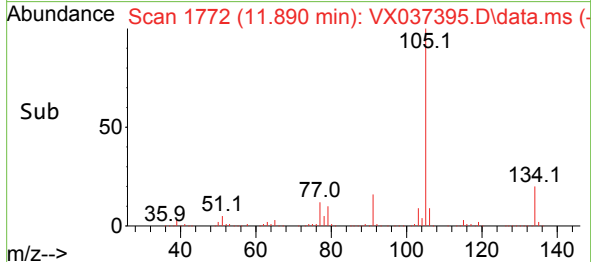
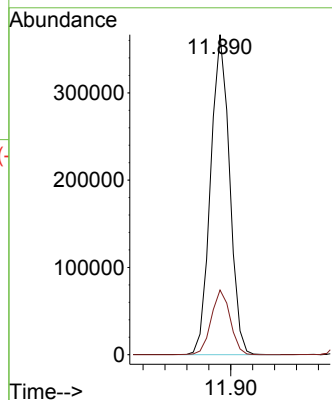
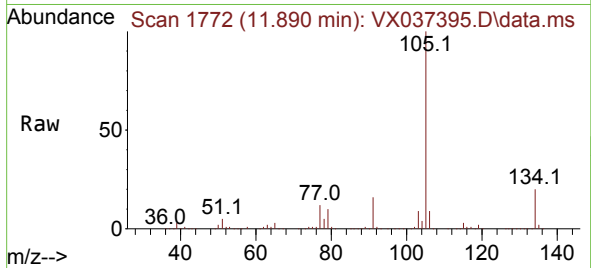




#85
 sec-Butylbenzene
 Concen: 58.694 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037395.D
 Acq: 30 Aug 2023 17:43

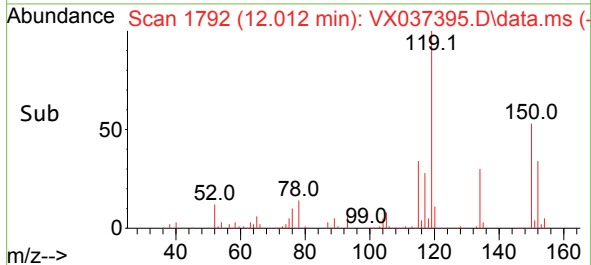
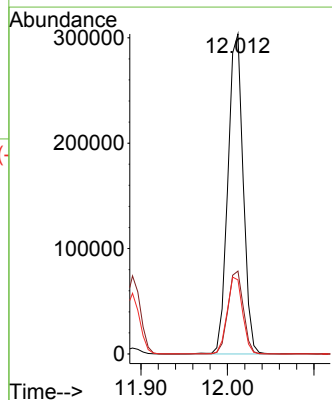
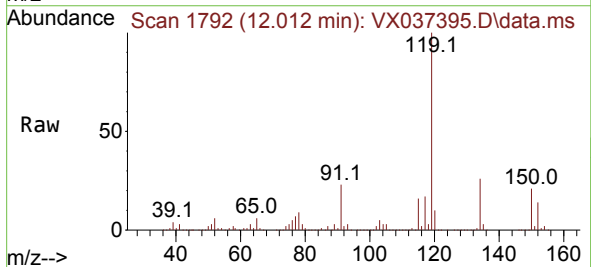
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-9.5-082923MSD

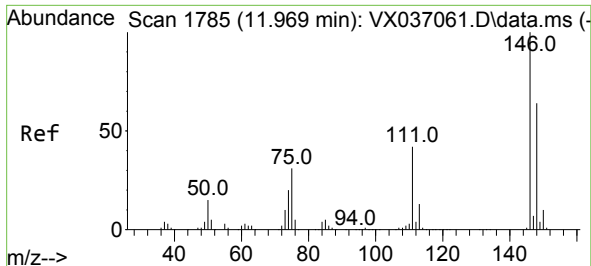
Tgt Ion:105 Resp: 440264
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 57.544 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX037395.D
 Acq: 30 Aug 2023 17:43

Tgt Ion:119 Resp: 371574
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 24.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.365 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

MW-01-9.5-082923MSD

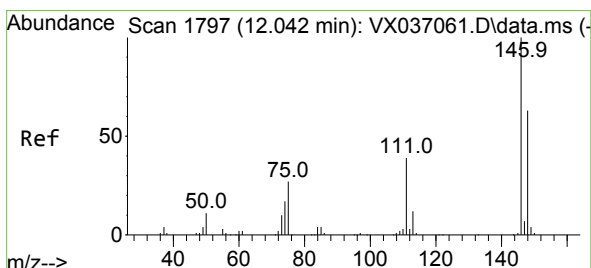
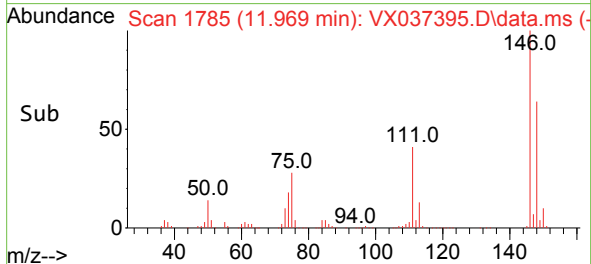
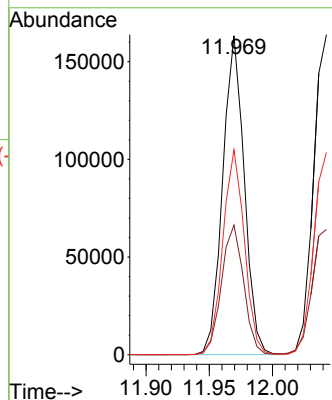
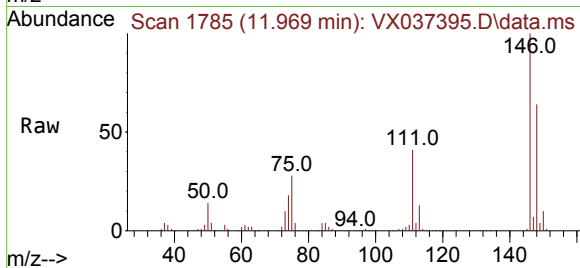
Tgt Ion:146 Resp: 193276

Ion Ratio Lower Upper

146 100

111 41.9 22.1 66.1

148 64.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 51.368 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

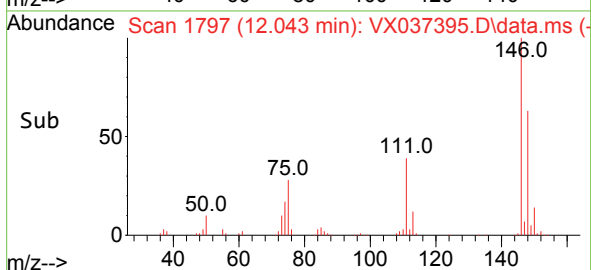
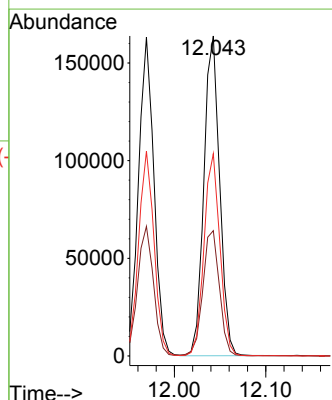
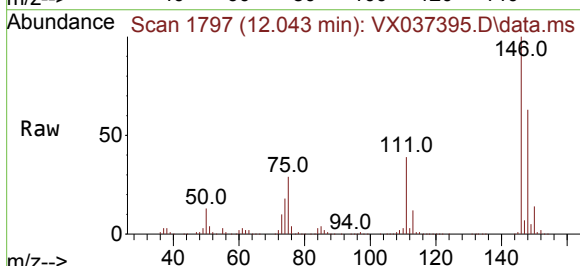
Tgt Ion:146 Resp: 195884

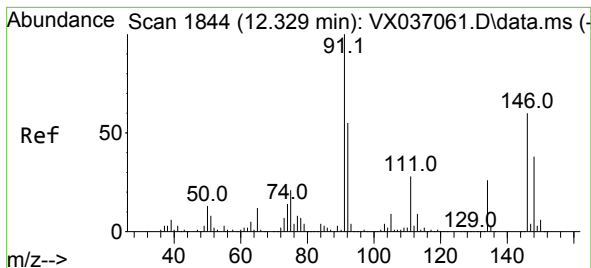
Ion Ratio Lower Upper

146 100

111 41.3 21.3 63.7

148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 57.621 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

MW-01-9.5-082923MSD

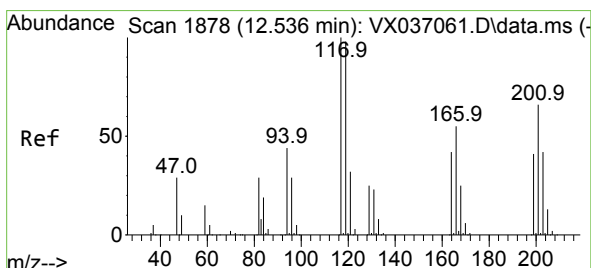
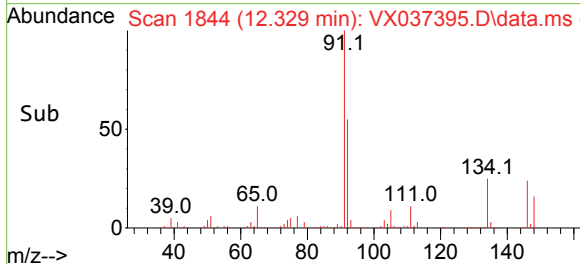
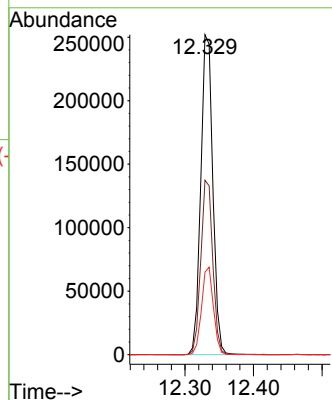
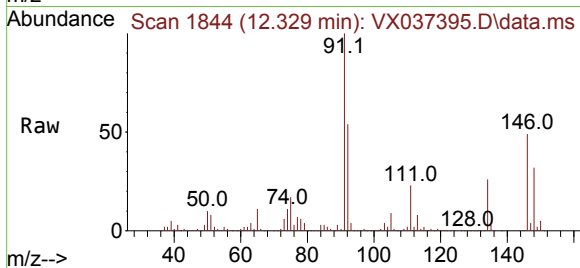
Tgt Ion: 91 Resp: 308474

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.0

134 27.0 12.6 37.8



#90

Hexachloroethane

Concen: 61.446 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037395.D

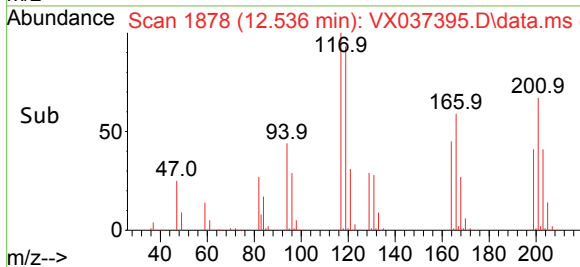
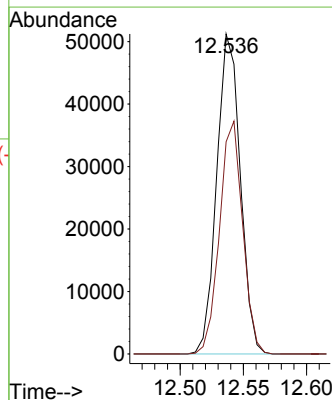
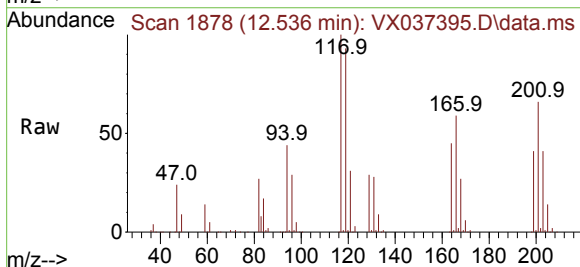
Acq: 30 Aug 2023 17:43

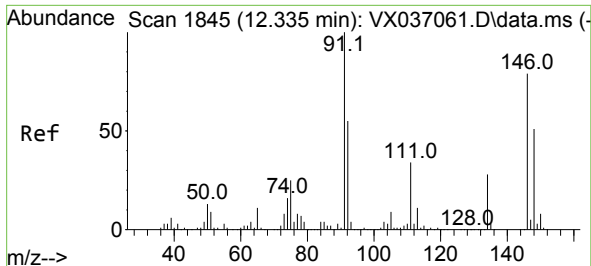
Tgt Ion: 117 Resp: 66224

Ion Ratio Lower Upper

117 100

201 71.5 32.9 98.6

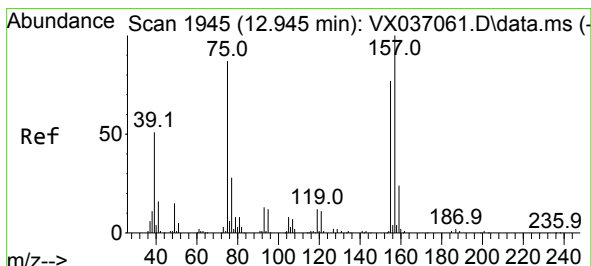
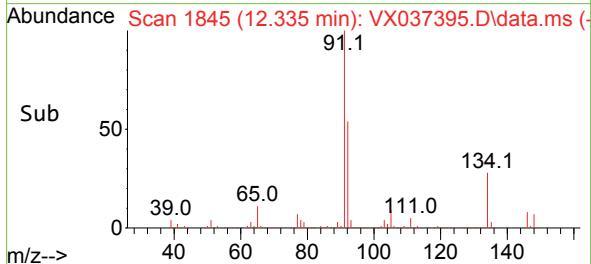
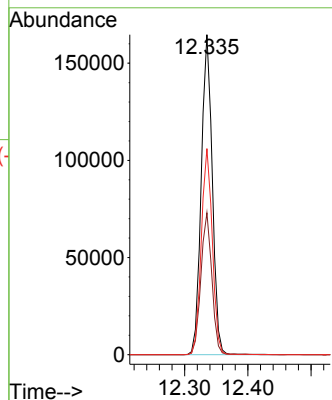
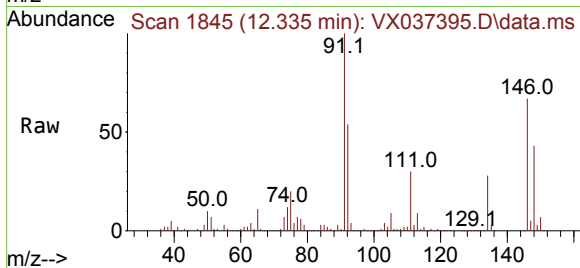




#91
1,2-Dichlorobenzene
Concen: 55.342 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

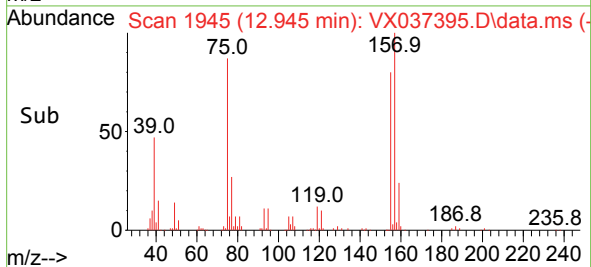
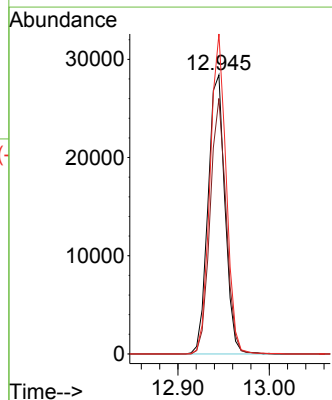
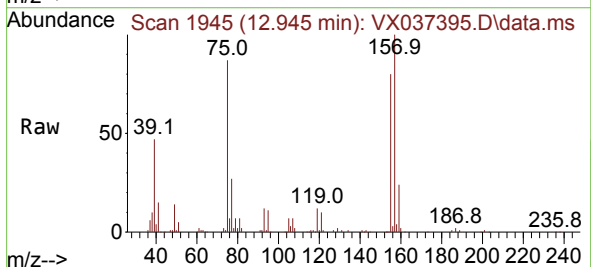
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923MSD

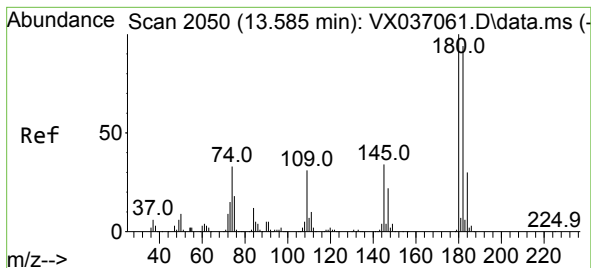
Tgt Ion:146 Resp: 200021
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 64.3 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.549 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX037395.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 75 Resp: 36352
Ion Ratio Lower Upper
75 100
155 86.9 36.1 108.5
157 109.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.631 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

MW-01-9.5-082923MSD

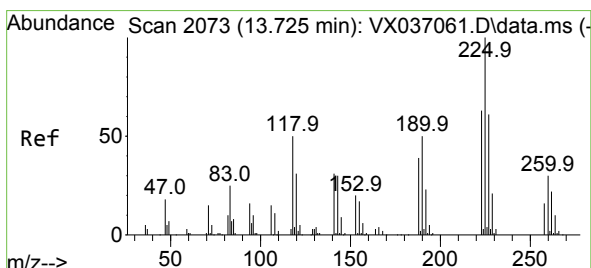
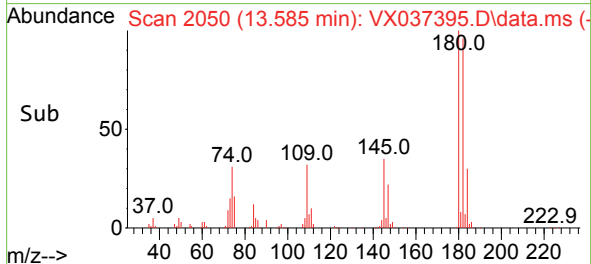
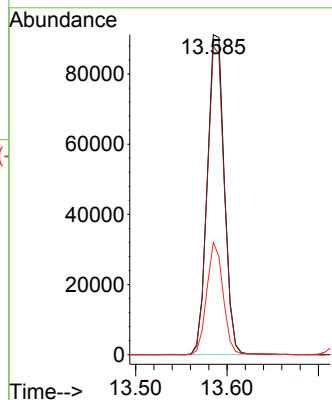
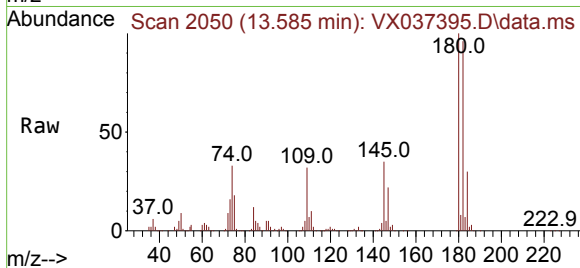
Tgt Ion:180 Resp: 117647

Ion Ratio Lower Upper

180 100

182 96.3 48.3 144.8

145 34.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 61.010 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

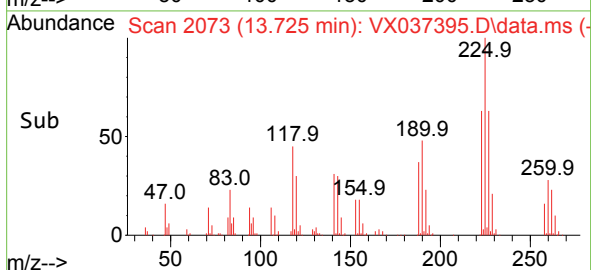
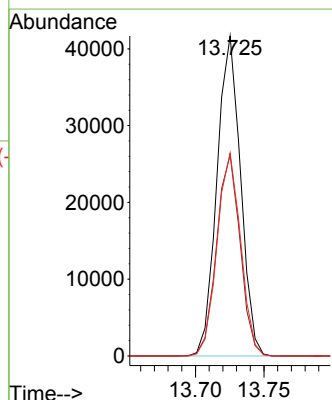
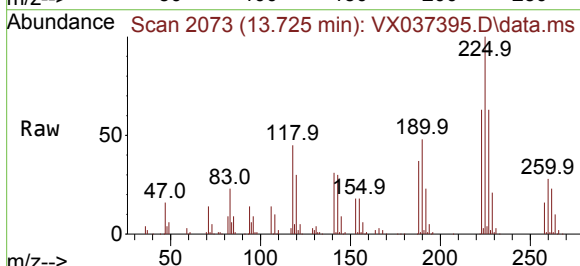
Tgt Ion:225 Resp: 49844

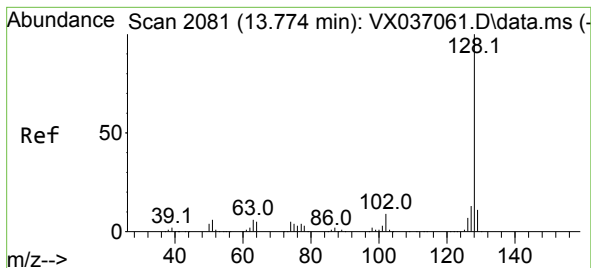
Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.2

227 63.2 32.5 97.5





#95

Naphthalene

Concen: 48.046 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

MW-01-9.5-082923MSD

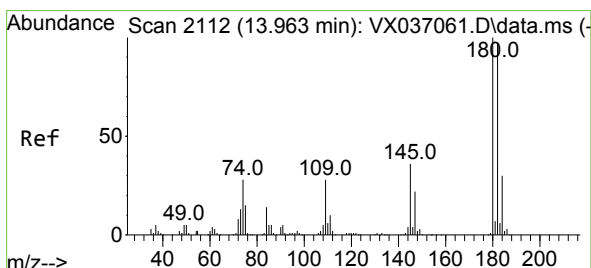
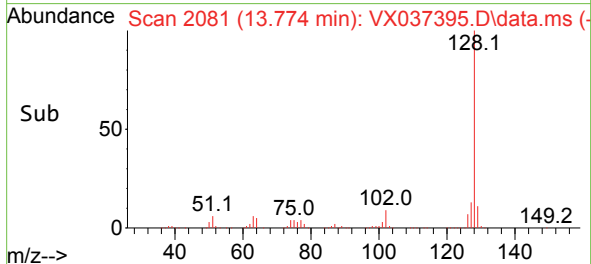
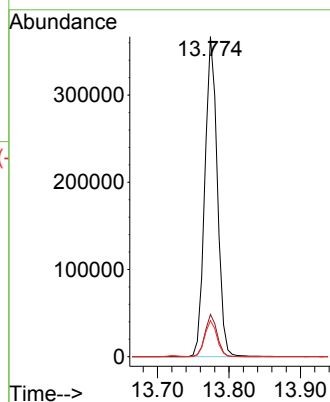
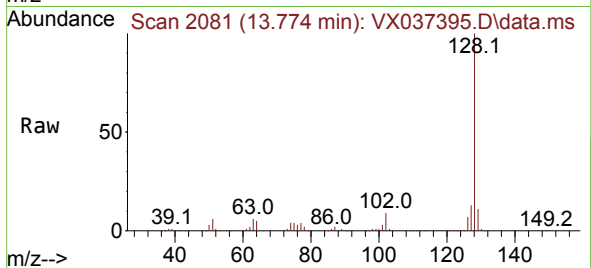
Tgt Ion:128 Resp: 445081

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 58.344 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037395.D

Acq: 30 Aug 2023 17:43

Tgt Ion:180 Resp: 122584

Ion Ratio Lower Upper

180 100

182 93.9 46.9 140.6

145 35.2 17.8 53.5

