

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039938.D
 Acq On : 24 Jan 2024 15:45
 Operator : JC/MD
 Sample : P1237-06MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-2-10-13MSD

Quant Time: Jan 25 01:40:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	82229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67066	48.688	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.380%
35) Dibromofluoromethane	5.385	113	48174	49.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.680%
50) Toluene-d8	8.647	98	172856	46.939	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.880%
62) 4-Bromofluorobenzene	11.079	95	73787	51.239	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60704	57.058	ug/l	97
3) Chloromethane	1.294	50	62531	51.465	ug/l	98
4) Vinyl Chloride	1.374	62	61096	53.282	ug/l	98
5) Bromomethane	1.599	94	39342	60.132	ug/l	100
6) Chloroethane	1.679	64	37142	56.979	ug/l	96
7) Trichlorofluoromethane	1.886	101	95710	57.862	ug/l	100
8) Diethyl Ether	2.136	74	33196	54.305	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	55007	53.640	ug/l	97
10) Methyl Iodide	2.453	142	64141	59.288	ug/l	98
11) Tert butyl alcohol	2.959	59	98725	275.334	ug/l #	89
12) 1,1-Dichloroethene	2.319	96	53820	54.381	ug/l	97
13) Acrolein	2.233	56	53760	243.357	ug/l	98
14) Allyl chloride	2.660	41	100463	51.575	ug/l	97
15) Acrylonitrile	3.062	53	191199	258.144	ug/l	99
16) Acetone	2.374	43	167804	216.613	ug/l	95
17) Carbon Disulfide	2.514	76	154867	54.443	ug/l	99
18) Methyl Acetate	2.703	43	97348	60.065	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	189404	53.906	ug/l	98
20) Methylene Chloride	2.788	84	61671	52.631	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	57723	55.423	ug/l	98
22) Diisopropyl ether	3.757	45	202399	54.448	ug/l	98
23) Vinyl Acetate	3.721	43	958013	277.251	ug/l	99
24) 1,1-Dichloroethane	3.605	63	111233	54.392	ug/l	100
25) 2-Butanone	4.550	43	283650	254.793	ug/l	99
26) 2,2-Dichloropropane	4.471	77	86338	52.603	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	66316	55.516	ug/l	99
28) Bromochloromethane	4.897	49	46904	50.599	ug/l	96
29) Tetrahydrofuran	4.995	42	192748	268.998	ug/l	100
30) Chloroform	5.093	83	118346	58.622	ug/l	98
31) Cyclohexane	5.471	56	97638	53.709	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	103088	59.646	ug/l	98
36) 1,1-Dichloropropene	5.690	75	85285	56.115	ug/l	99
37) Ethyl Acetate	4.708	43	109722	54.116	ug/l	99
38) Carbon Tetrachloride	5.678	117	85270	61.258	ug/l	99
39) Methylcyclohexane	7.379	83	98282	53.853	ug/l	97
40) Benzene	6.037	78	242388	56.323	ug/l	99

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Quant Time: Jan 25 01:40:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56844	57.332	ug/l	95
42) 1,2-Dichloroethane	6.086	62	101468	62.017	ug/l	99
43) Isopropyl Acetate	6.336	43	171577	57.686	ug/l	98
44) Trichloroethene	7.129	130	60525	57.386	ug/l	95
45) 1,2-Dichloropropane	7.427	63	64143	55.561	ug/l	97
46) Dibromomethane	7.580	93	48411	60.712	ug/l	94
47) Bromodichloromethane	7.818	83	91029	61.639	ug/l	95
48) Methyl methacrylate	7.690	41	85555	58.520	ug/l	93
49) 1,4-Dioxane	7.659	88	28446	1005.560	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	593530	289.747	ug/l	97
52) Toluene	8.720	92	154987	60.295	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	97029	61.918	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	100687	58.433	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	63669	58.177	ug/l	95
56) Ethyl methacrylate	9.116	69	107041	60.432	ug/l	94
57) 1,3-Dichloropropane	9.305	76	110316	59.481	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.366	63	740	0.884	ug/l #	47
59) 2-Hexanone	9.427	43	482006	297.309	ug/l	97
60) Dibromochloromethane	9.519	129	66577	64.508	ug/l	100
61) 1,2-Dibromoethane	9.610	107	70522	62.226	ug/l	100
64) Tetrachloroethene	9.275	164	66040	73.282	ug/l	98
65) Chlorobenzene	10.079	112	162872	56.429	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	57806	58.818	ug/l	98
67) Ethyl Benzene	10.195	91	307137	57.317	ug/l	97
68) m/p-Xylenes	10.299	106	228001	115.695	ug/l	93
69) o-Xylene	10.640	106	112278	57.530	ug/l	94
70) Styrene	10.653	104	187403	58.783	ug/l	97
71) Bromoform	10.799	173	46409	62.887	ug/l #	99
73) Isopropylbenzene	10.963	105	304572	52.984	ug/l	99
74) N-amyl acetate	10.842	43	160306	53.500	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	116016	52.853	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	127183	67.944	ug/l	89
77) Bromobenzene	11.195	156	67361	52.630	ug/l	94
78) n-propylbenzene	11.305	91	375173	53.924	ug/l	96
79) 2-Chlorotoluene	11.360	91	222456	51.733	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	263970	54.068	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	30529	48.824	ug/l	98
82) 4-Chlorotoluene	11.451	91	261910	53.697	ug/l	98
83) tert-Butylbenzene	11.713	119	250544	53.752	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	265530	54.515	ug/l	100
85) sec-Butylbenzene	11.890	105	332203	54.904	ug/l	98
86) p-Isopropyltoluene	12.006	119	268613	55.547	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	132514	54.012	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	134908	53.240	ug/l	99
89) n-Butylbenzene	12.329	91	268510	57.489	ug/l	95
90) Hexachloroethane	12.536	117	45471	55.737	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	129762	53.499	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30243	56.226	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	79424	53.583	ug/l	98
94) Hexachlorobutadiene	13.725	225	34627	56.197	ug/l	99
95) Naphthalene	13.774	128	292937	53.684	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	78775	52.658	ug/l	98

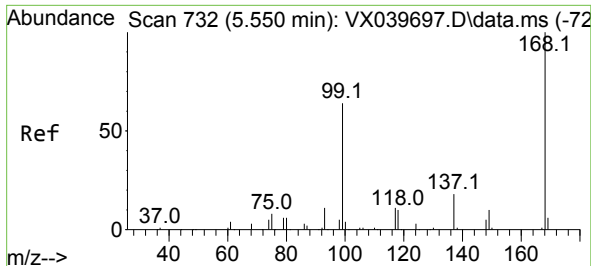
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QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

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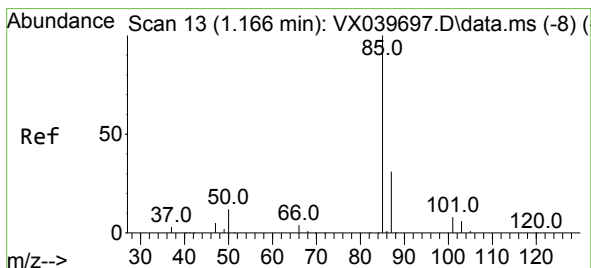
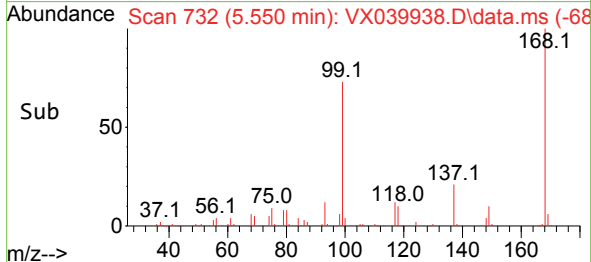
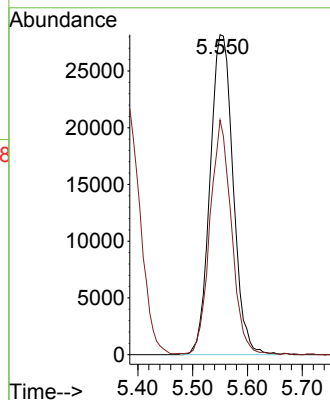
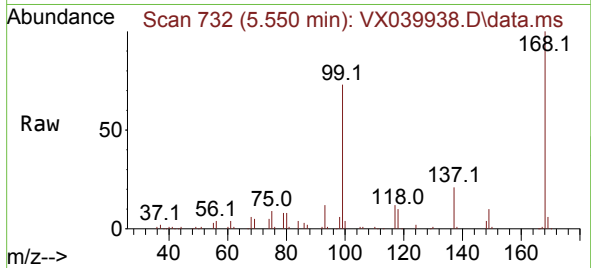
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

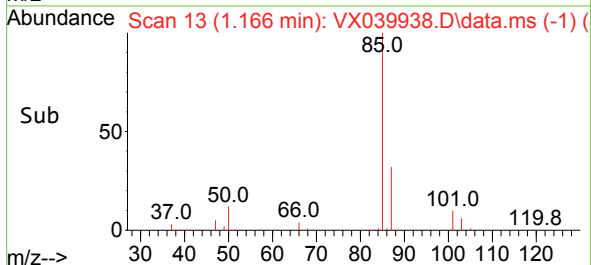
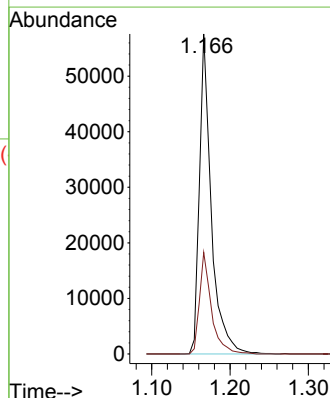
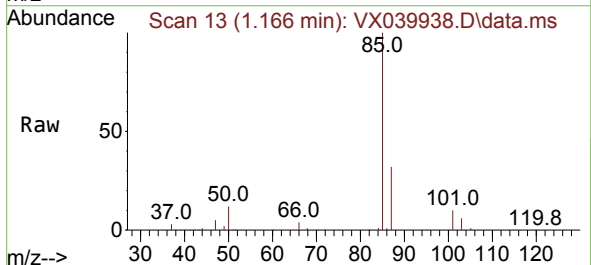
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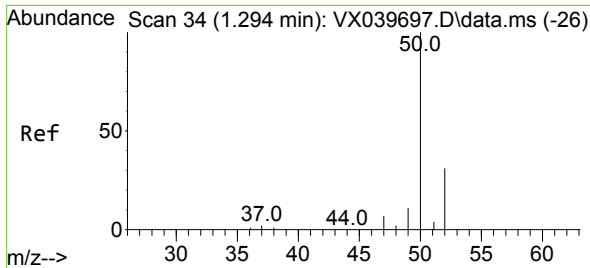
Tgt Ion:168 Resp: 82229
Ion Ratio Lower Upper
168 100
99 73.3 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 57.058 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion: 85 Resp: 60704
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1

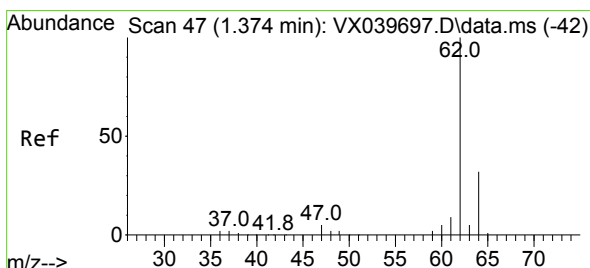
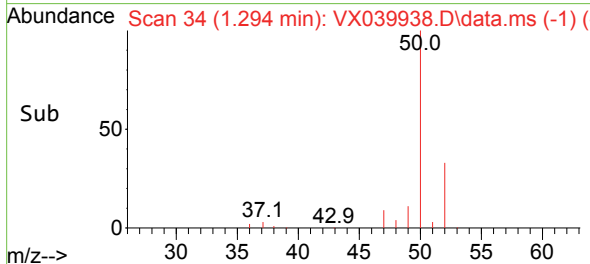
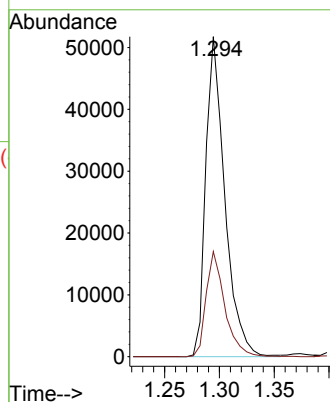
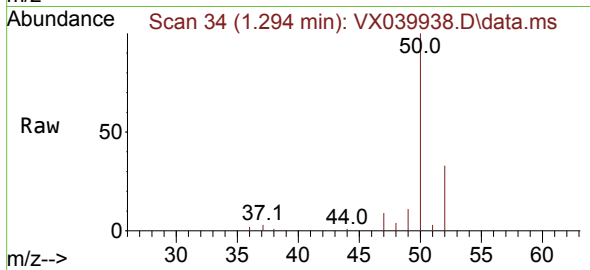




#3
Chloromethane
Concen: 51.465 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

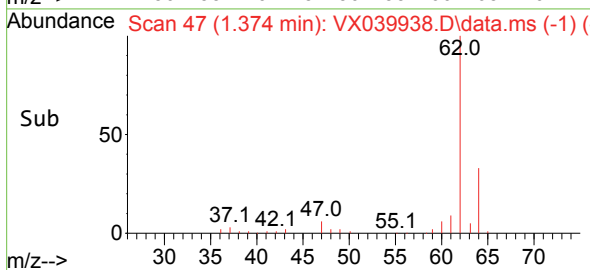
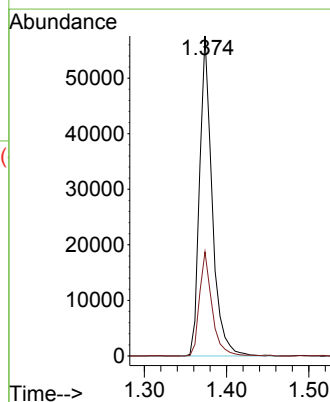
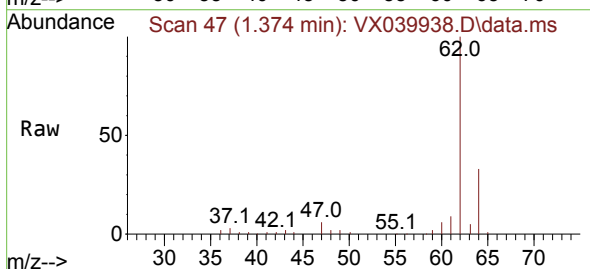
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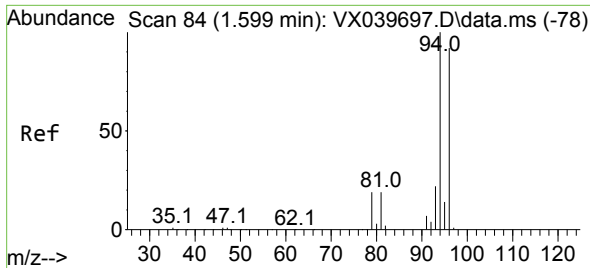
Tgt Ion: 50 Resp: 62531
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3



#4
Vinyl Chloride
Concen: 53.282 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion: 62 Resp: 61096
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0

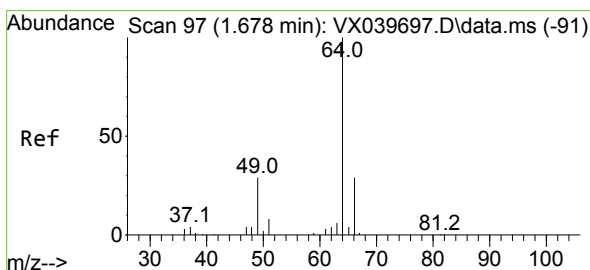
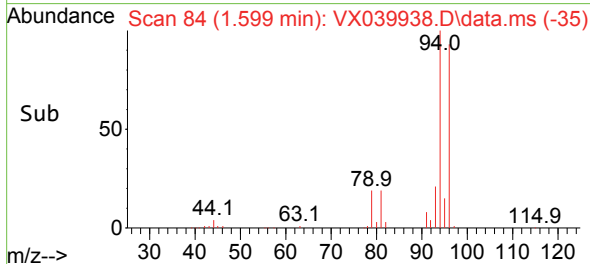
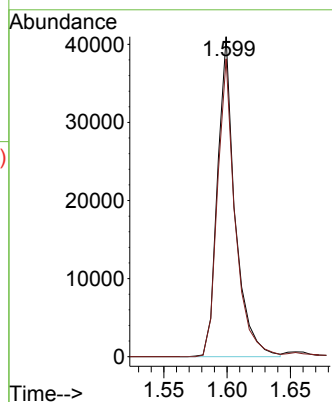
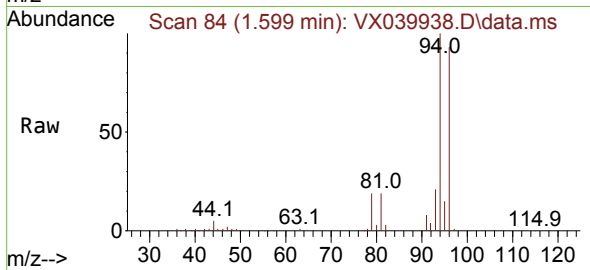




#5
Bromomethane
Concen: 60.132 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

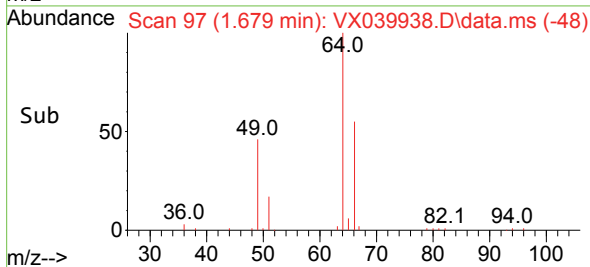
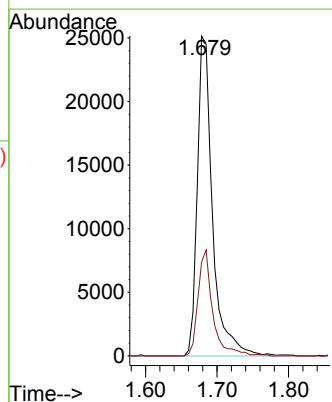
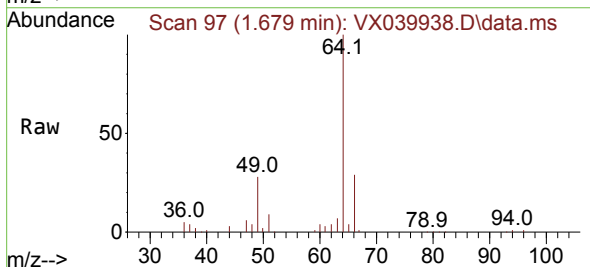
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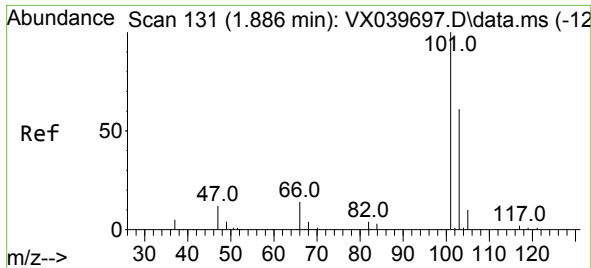
Tgt Ion: 94 Resp: 39342
Ion Ratio Lower Upper
94 100
96 93.1 74.6 111.8



#6
Chloroethane
Concen: 56.979 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion: 64 Resp: 37142
Ion Ratio Lower Upper
64 100
66 29.4 25.1 37.7

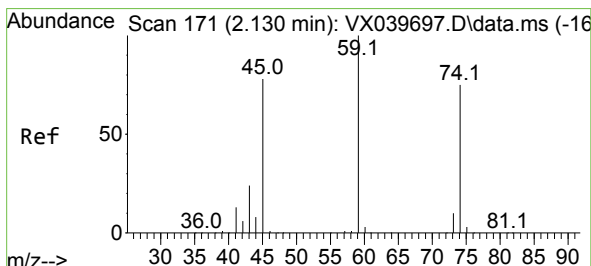
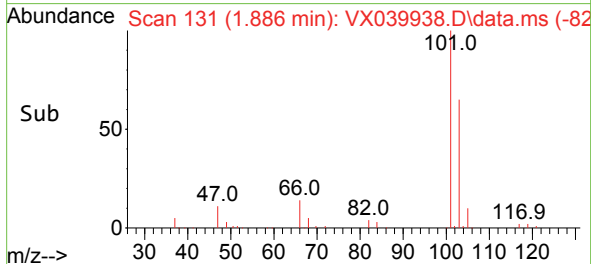
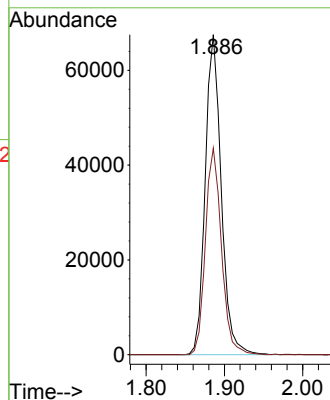
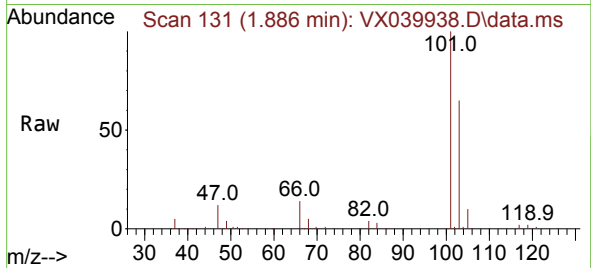




#7
 Trichlorofluoromethane
 Concen: 57.862 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039938.D
 Acq: 24 Jan 2024 15:45

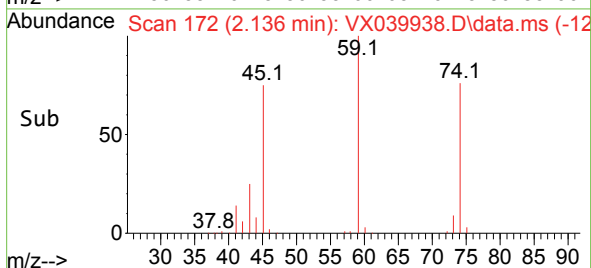
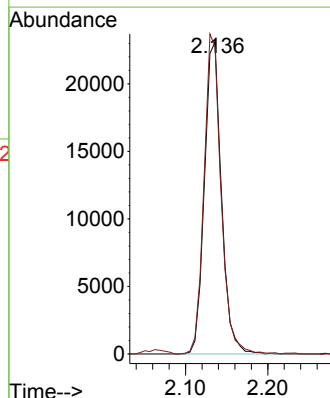
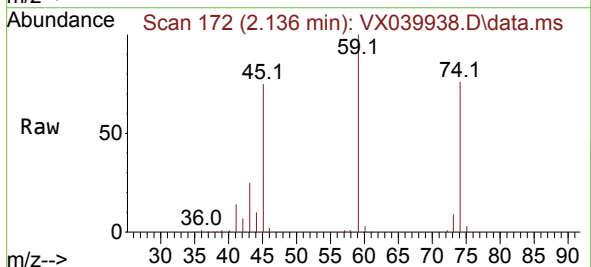
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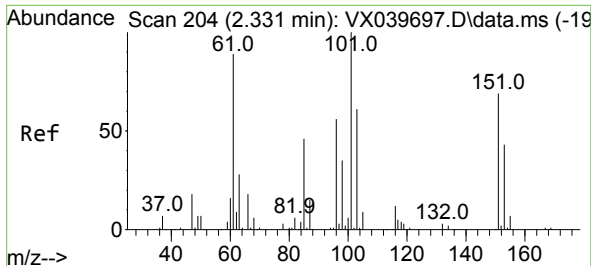
Tgt Ion:101 Resp: 95710
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.2



#8
 Diethyl Ether
 Concen: 54.305 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX039938.D
 Acq: 24 Jan 2024 15:45

Tgt Ion: 74 Resp: 33196
 Ion Ratio Lower Upper
 74 100
 45 102.6 53.3 159.8

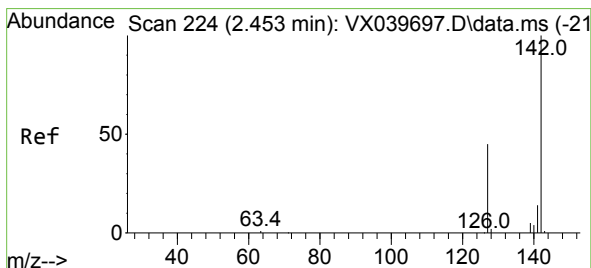
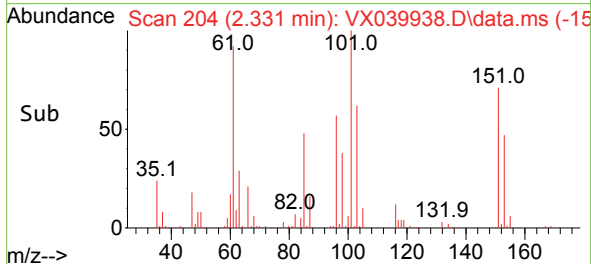
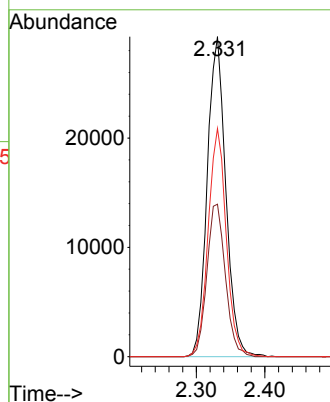
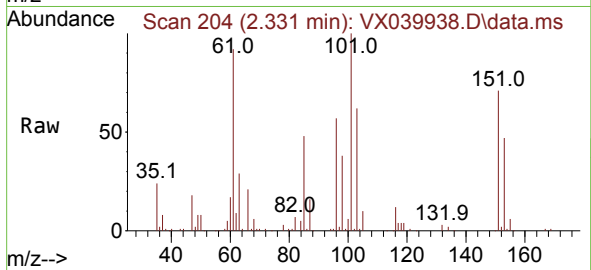




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.640 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
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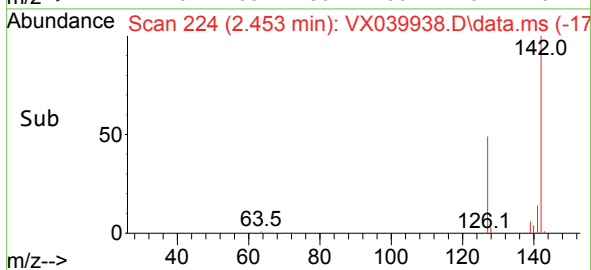
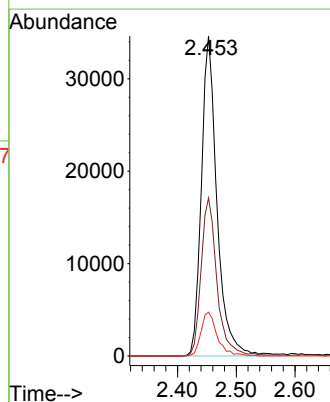
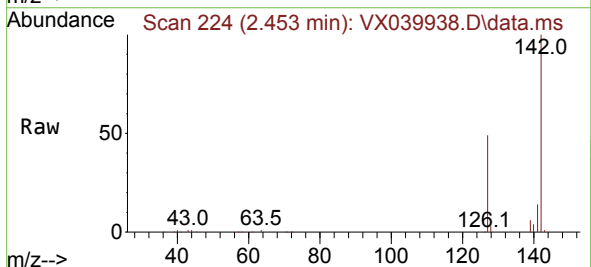
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ClientSampleId :
SUMOGW-2-10-13MSD

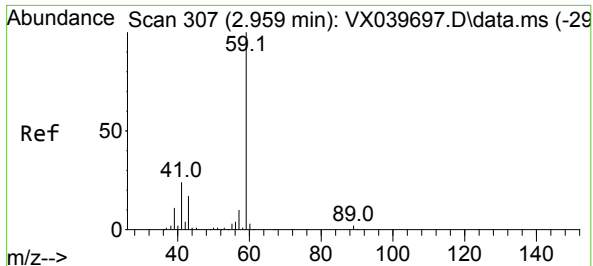
Tgt Ion:	101	Resp:	55007
Ion	Ratio	Lower	Upper
101	100		
85	47.7	37.0	55.6
151	69.8	58.6	87.8



#10
Methyl Iodide
Concen: 59.288 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion:	142	Resp:	64141
Ion	Ratio	Lower	Upper
142	100		
127	50.1	41.6	62.4
141	14.2	11.6	17.4





#11

Tert butyl alcohol

Concen: 275.334 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

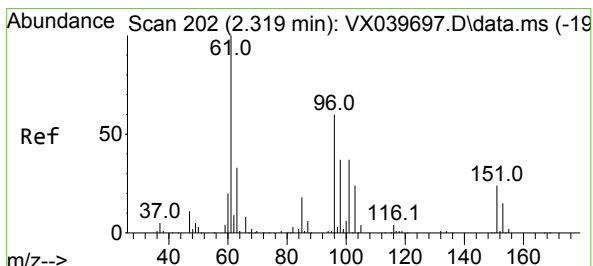
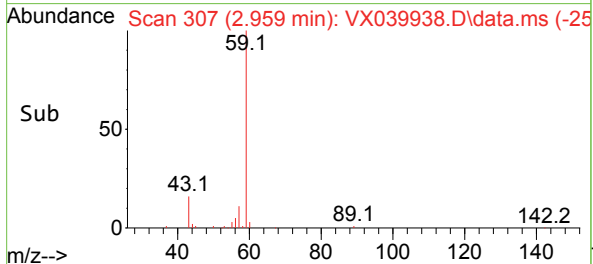
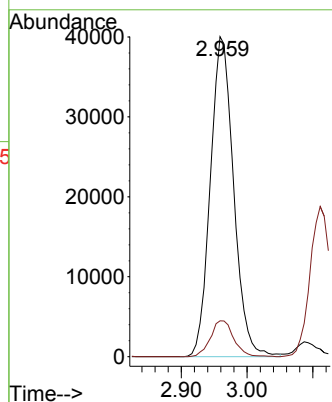
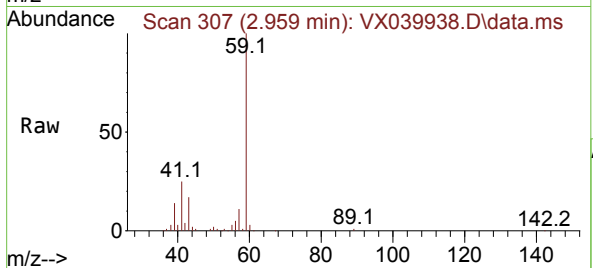
SUMOGW-2-10-13MSD

Tgt Ion: 59 Resp: 98725

Ion Ratio Lower Upper

59 100

57 11.3 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 54.381 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

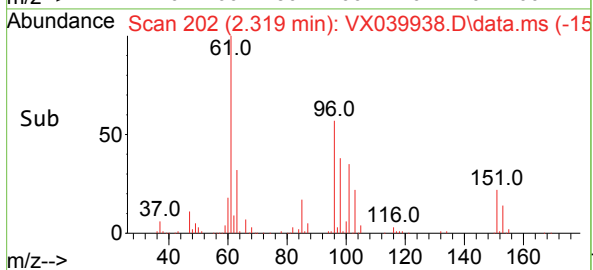
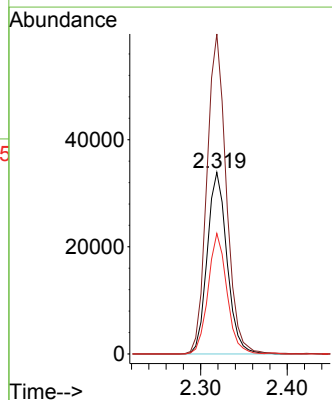
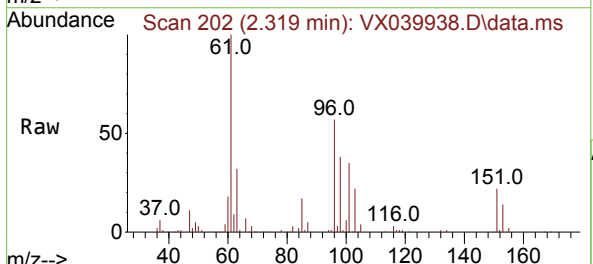
Tgt Ion: 96 Resp: 53820

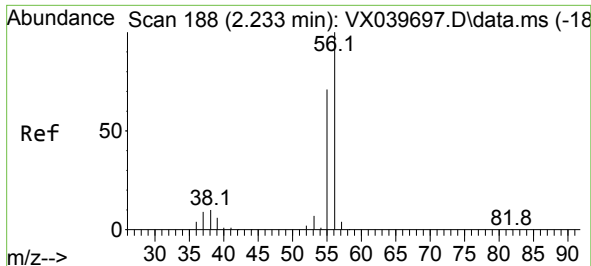
Ion Ratio Lower Upper

96 100

61 176.3 144.6 216.8

98 66.4 50.4 75.6

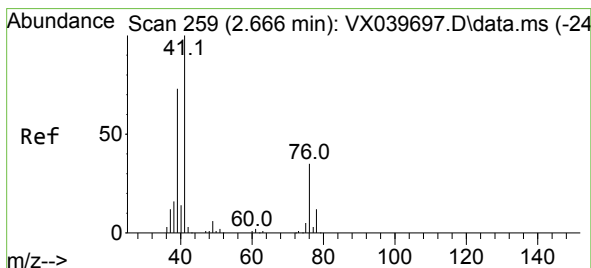
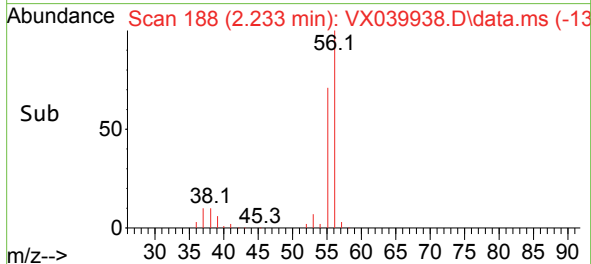
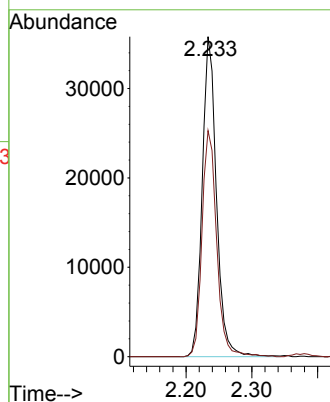
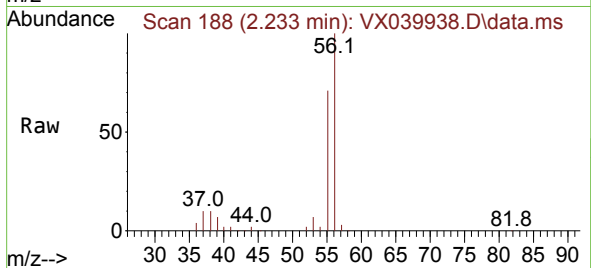




#13
Acrolein
Concen: 243.357 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

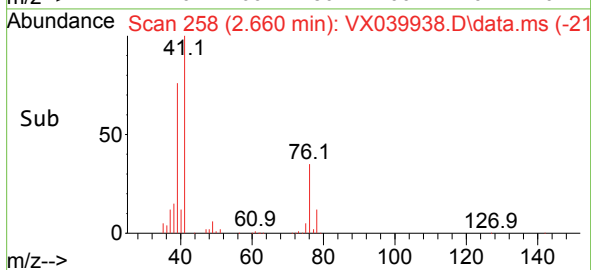
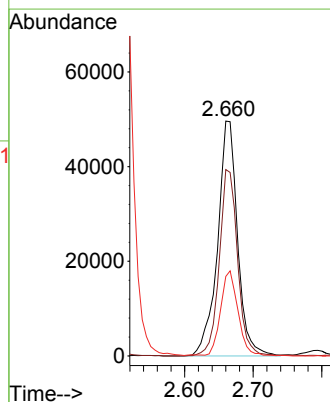
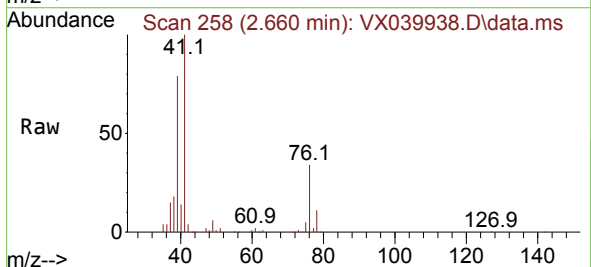
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

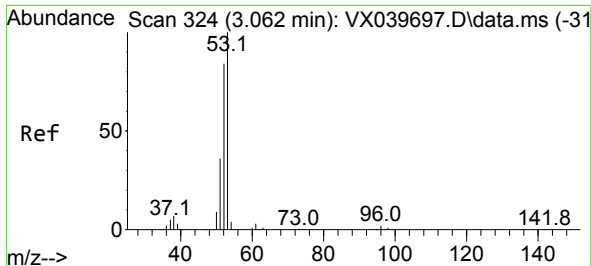
Tgt Ion: 56 Resp: 53760
Ion Ratio Lower Upper
56 100
55 72.9 57.1 85.7



#14
Allyl chloride
Concen: 51.575 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion: 41 Resp: 100463
Ion Ratio Lower Upper
41 100
39 72.5 55.8 83.6
76 31.2 24.3 36.5

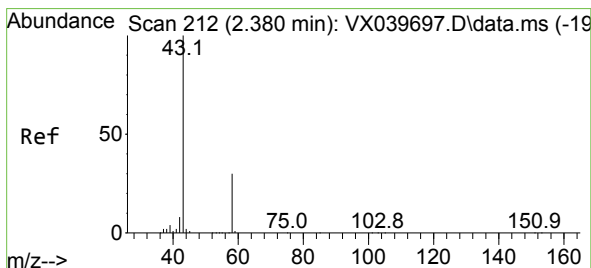
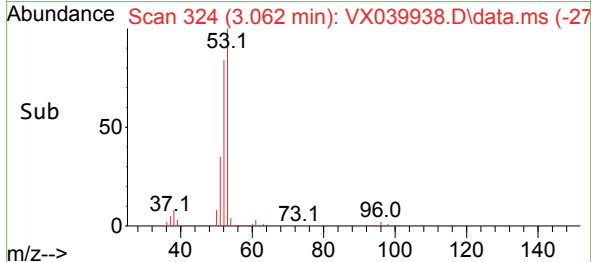
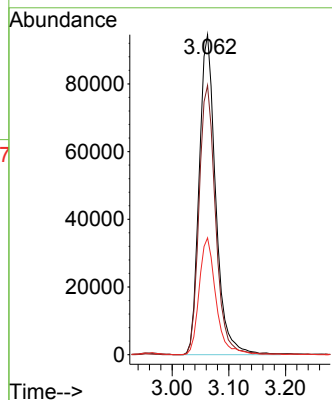
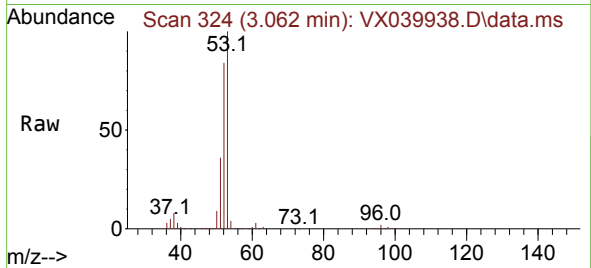




#15
Acrylonitrile
Concen: 258.144 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

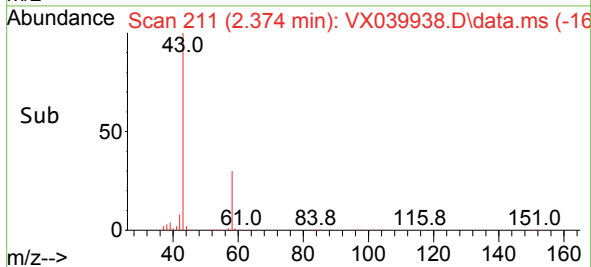
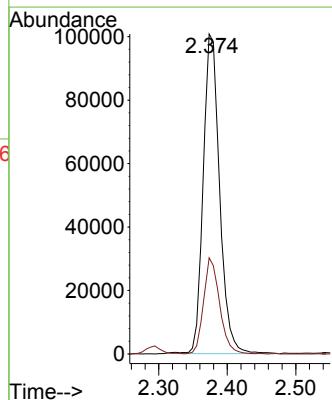
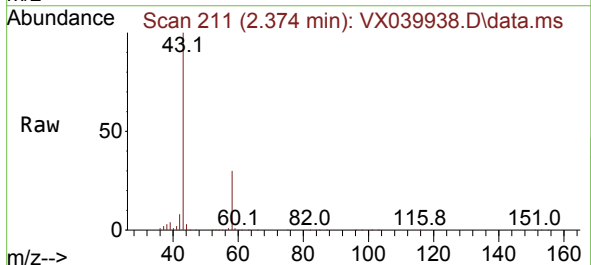
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

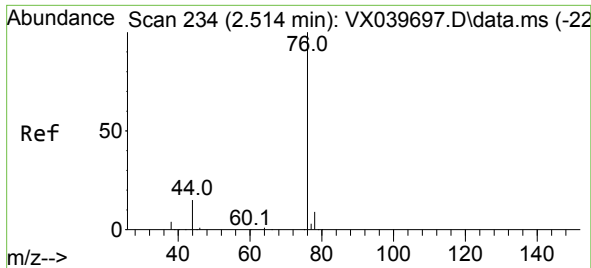
Tgt Ion: 53 Resp: 191199
Ion Ratio Lower Upper
53 100
52 84.1 66.0 99.0
51 37.2 29.8 44.6



#16
Acetone
Concen: 216.613 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion: 43 Resp: 167804
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9





#17

Carbon Disulfide

Concen: 54.443 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

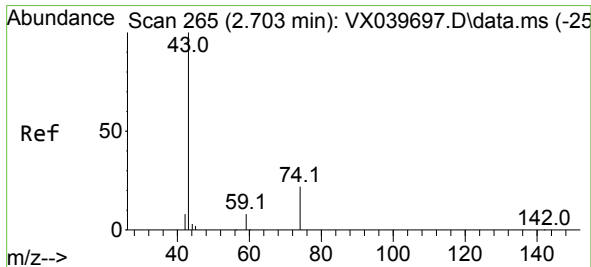
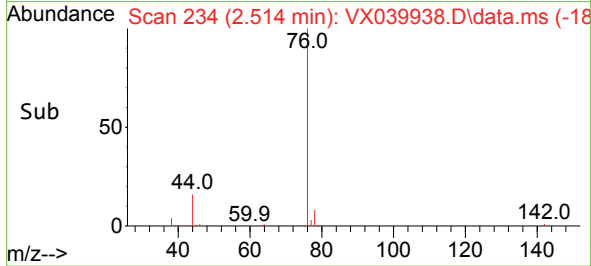
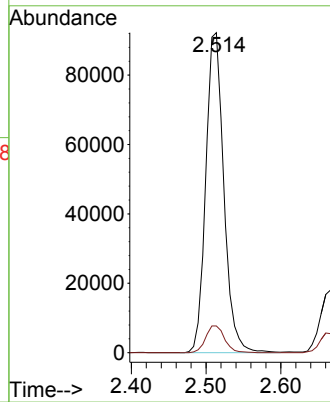
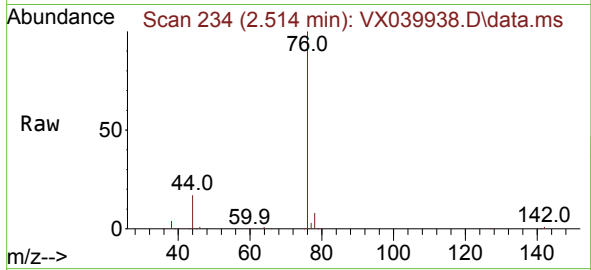
SUMOGW-2-10-13MSD

Tgt Ion: 76 Resp: 154867

Ion Ratio Lower Upper

76 100

78 8.4 7.0 10.6



#18

Methyl Acetate

Concen: 60.065 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX039938.D

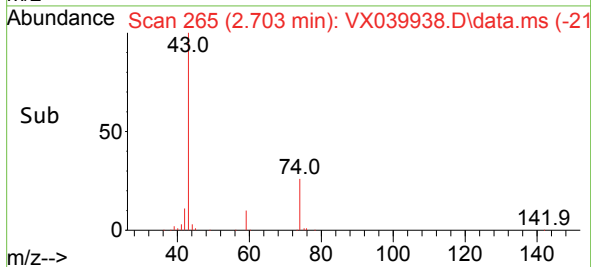
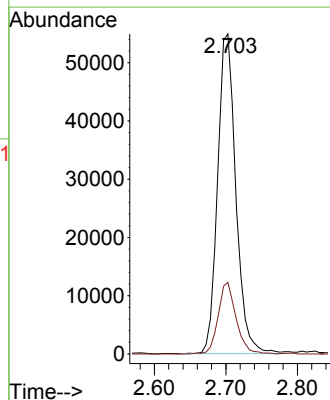
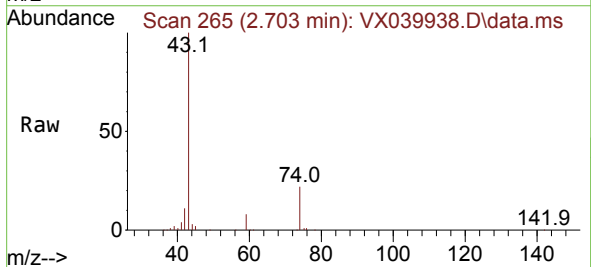
Acq: 24 Jan 2024 15:45

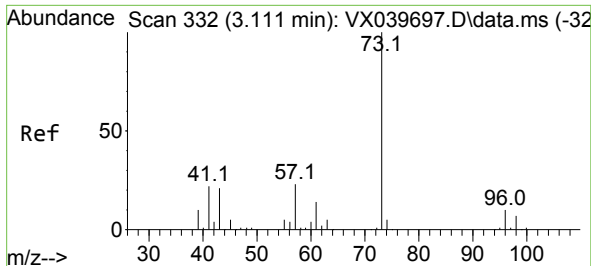
Tgt Ion: 43 Resp: 97348

Ion Ratio Lower Upper

43 100

74 22.0 17.8 26.8

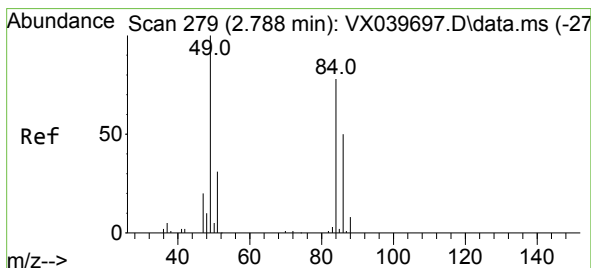
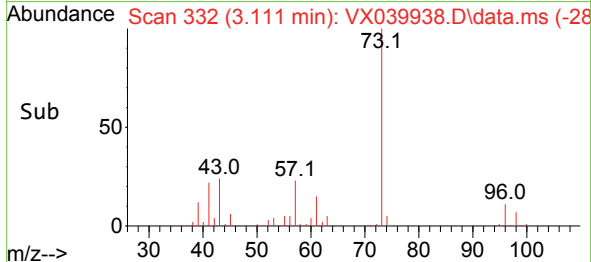
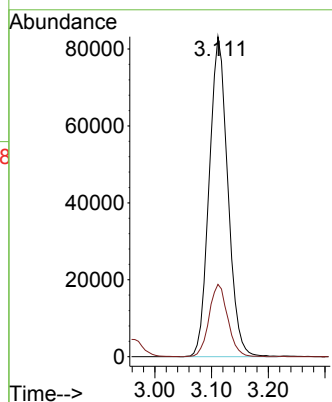
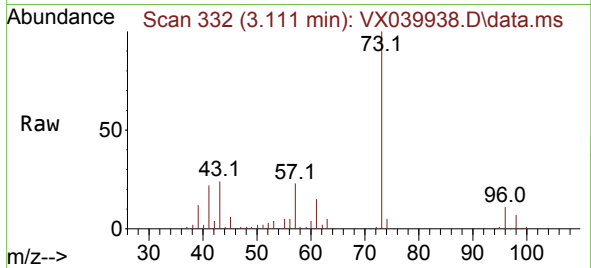




#19
Methyl tert-butyl Ether
Concen: 53.906 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

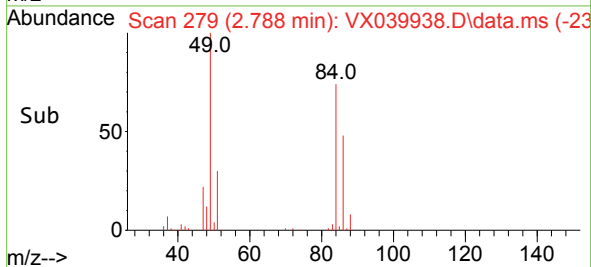
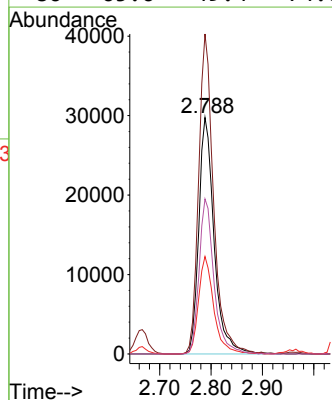
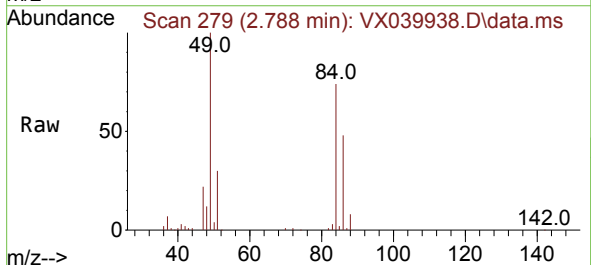
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

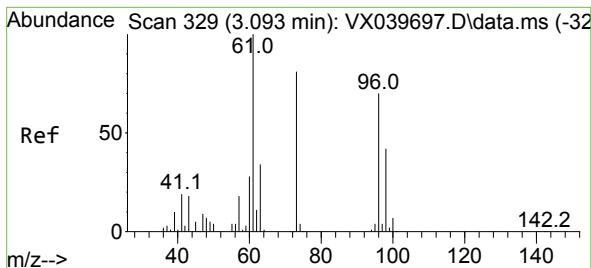
Tgt Ion: 73 Resp: 189404
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9



#20
Methylene Chloride
Concen: 52.631 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion: 84 Resp: 61671
Ion Ratio Lower Upper
84 100
49 135.3 103.6 155.4
51 41.2 33.8 50.6
86 65.6 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 55.423 ug/l

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

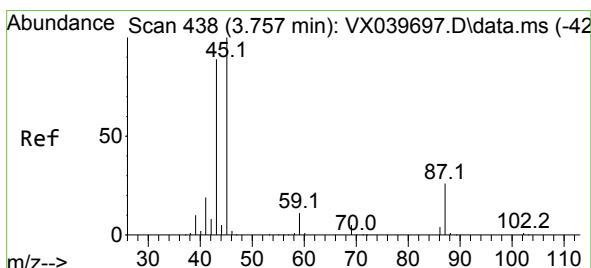
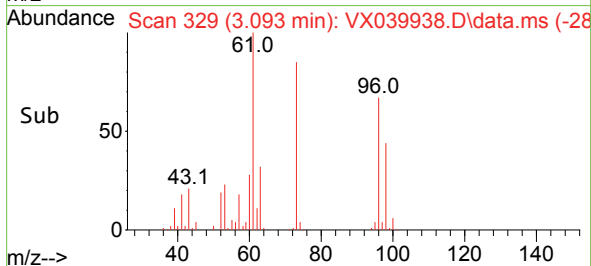
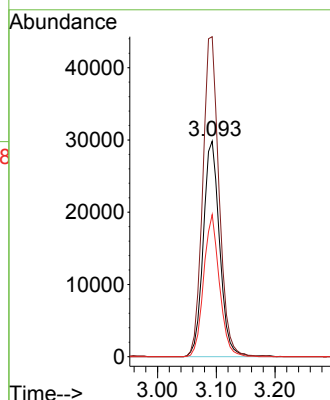
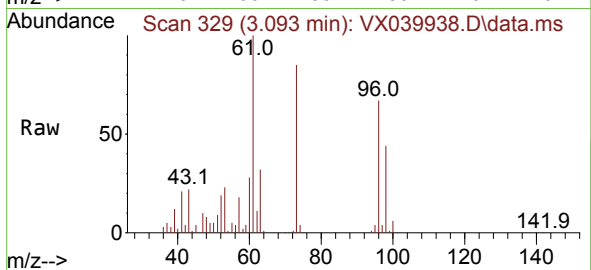
Tgt Ion: 96 Resp: 57723

Ion Ratio Lower Upper

96 100

61 148.5 119.2 178.8

98 65.9 48.7 73.1



#22

Diisopropyl ether

Concen: 54.448 ug/l

RT: 3.757 min Scan# 438

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Tgt Ion: 45 Resp: 202399

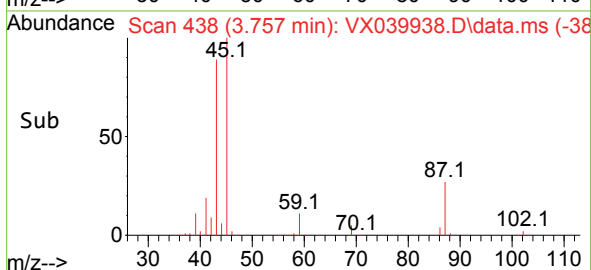
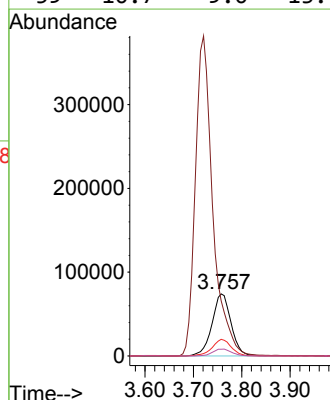
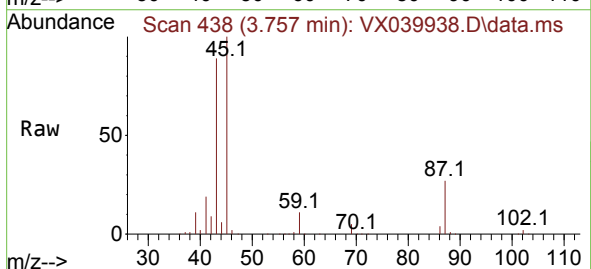
Ion Ratio Lower Upper

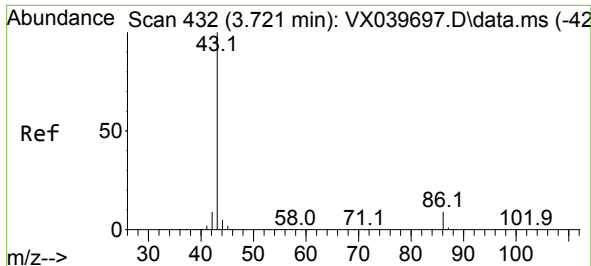
45 100

43 88.6 69.7 104.5

87 26.7 20.8 31.2

59 10.7 9.0 13.4

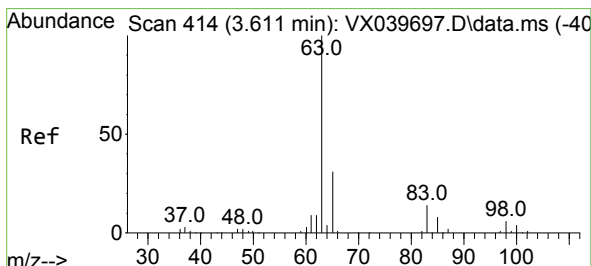
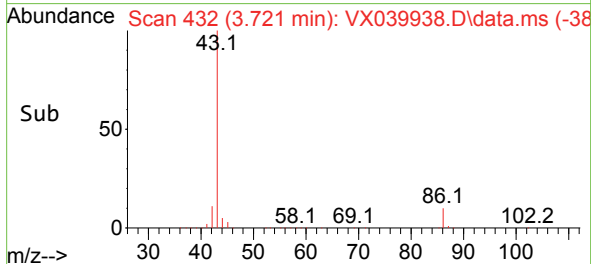
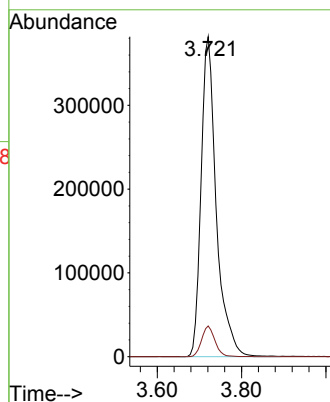
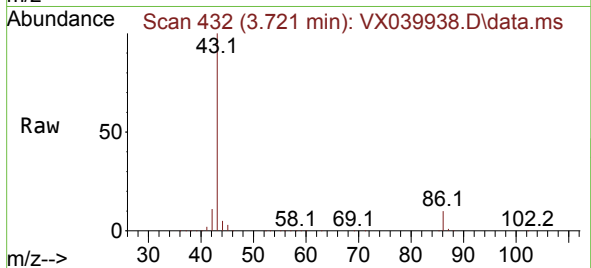




#23
 Vinyl Acetate
 Concen: 277.251 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039938.D
 Acq: 24 Jan 2024 15:45

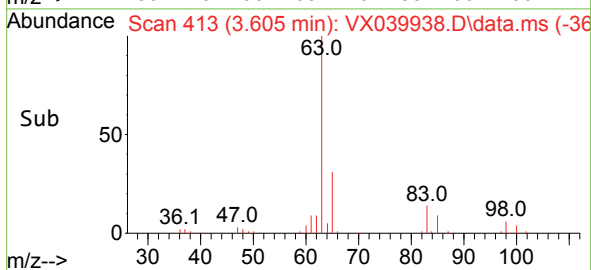
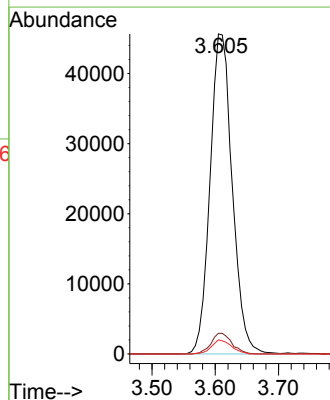
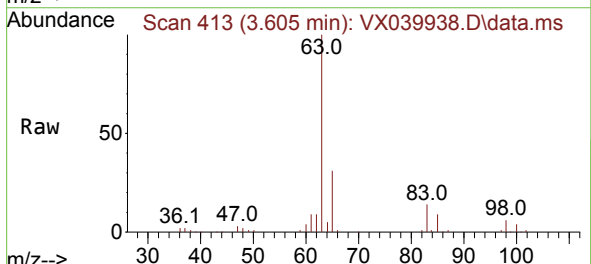
Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-2-10-13MSD

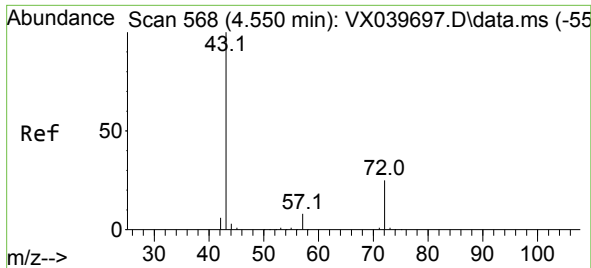
Tgt Ion: 43 Resp: 958013
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 54.392 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039938.D
 Acq: 24 Jan 2024 15:45

Tgt Ion: 63 Resp: 111233
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 254.793 ug/l

RT: 4.550 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

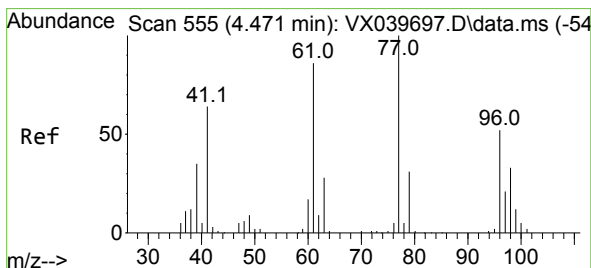
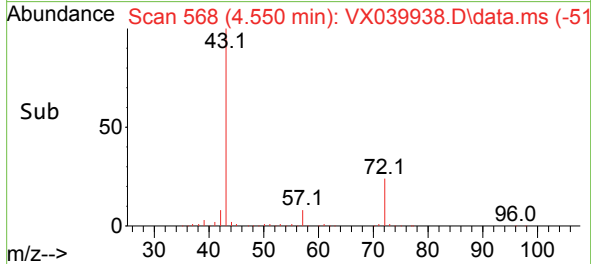
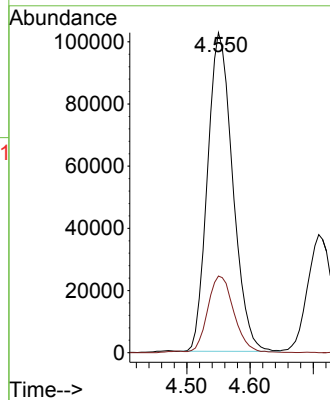
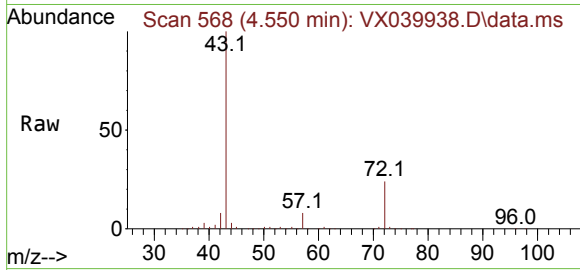
SUMOGW-2-10-13MSD

Tgt Ion: 43 Resp: 283650

Ion Ratio Lower Upper

43 100

72 23.9 19.4 29.2



#26

2,2-Dichloropropane

Concen: 52.603 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.000 min

Lab File: VX039938.D

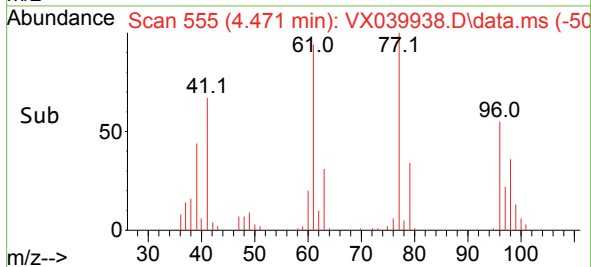
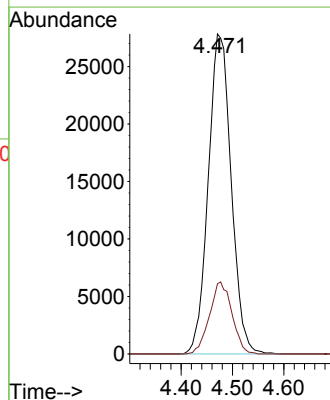
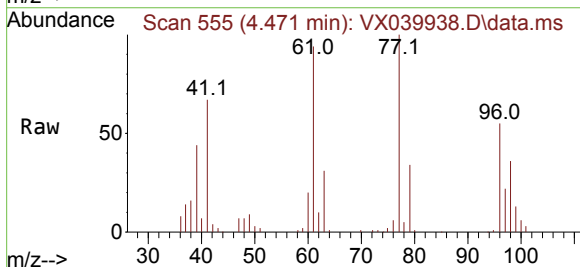
Acq: 24 Jan 2024 15:45

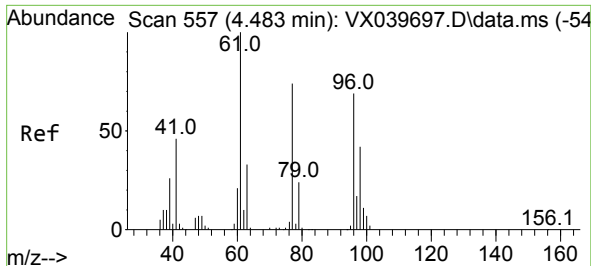
Tgt Ion: 77 Resp: 86338

Ion Ratio Lower Upper

77 100

97 22.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 55.516 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

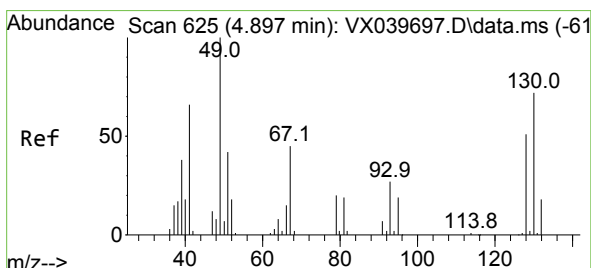
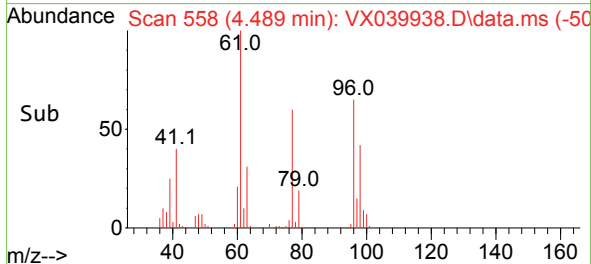
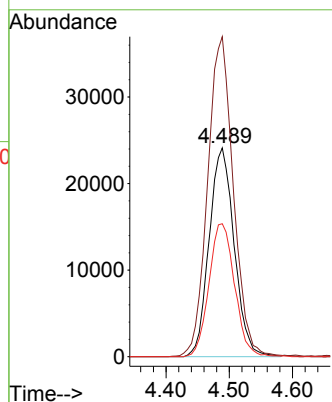
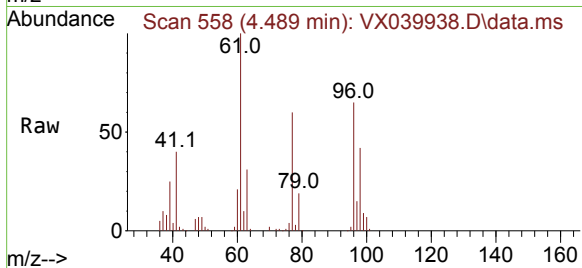
Tgt Ion: 96 Resp: 66316

Ion Ratio Lower Upper

96 100

61 157.5 0.0 312.2

98 65.1 0.0 129.0



#28

Bromochloromethane

Concen: 50.599 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

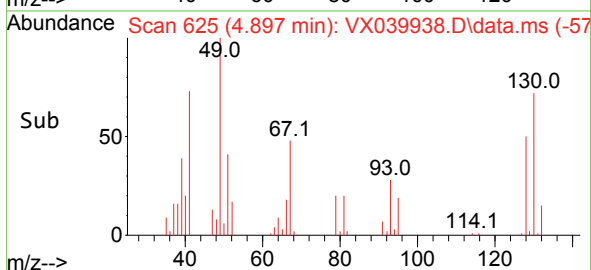
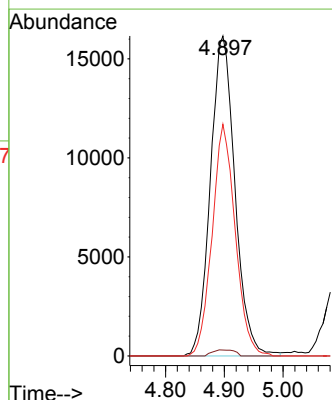
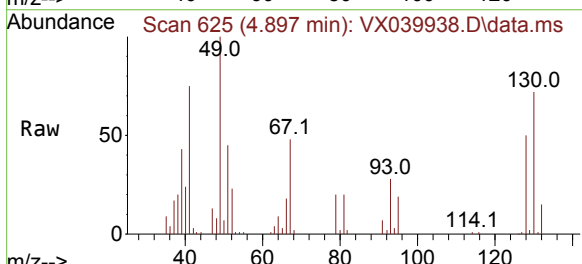
Tgt Ion: 49 Resp: 46904

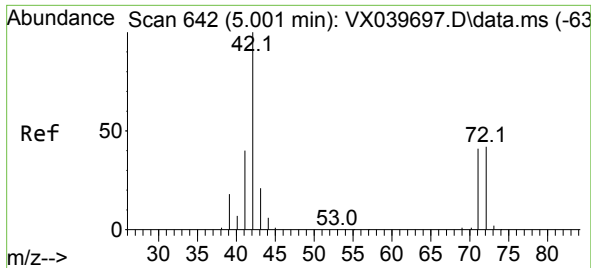
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 68.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 268.998 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

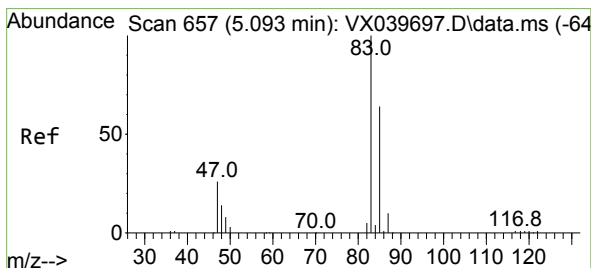
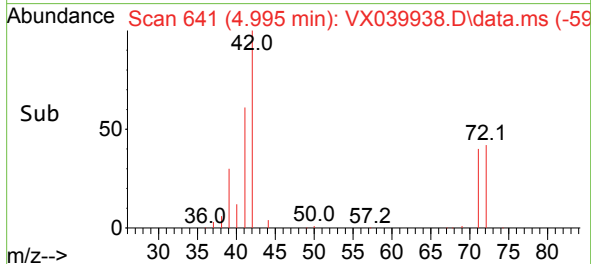
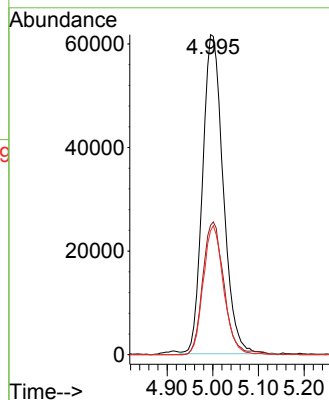
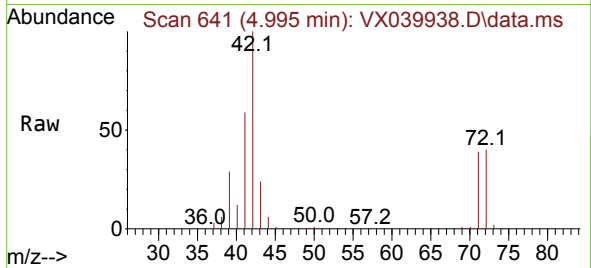
Tgt Ion: 42 Resp: 192748

Ion Ratio Lower Upper

42 100

72 43.0 34.2 51.4

71 40.1 32.2 48.2



#30

Chloroform

Concen: 58.622 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039938.D

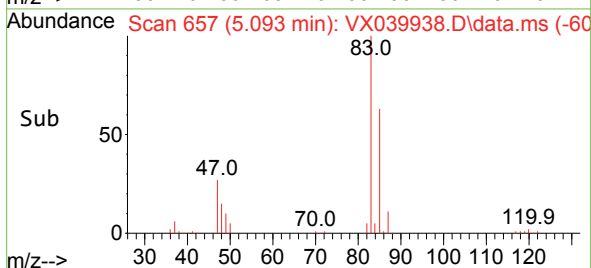
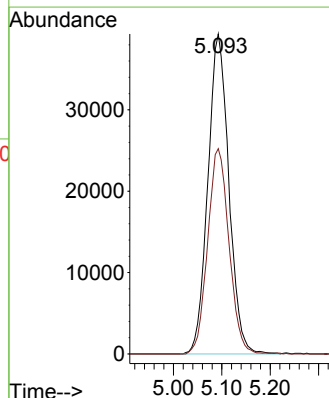
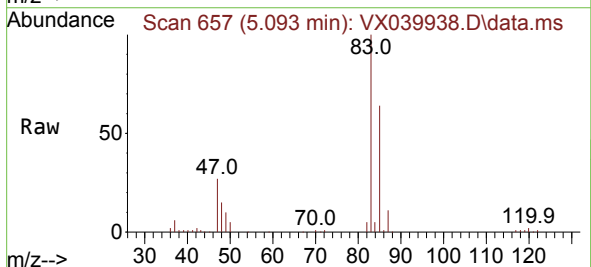
Acq: 24 Jan 2024 15:45

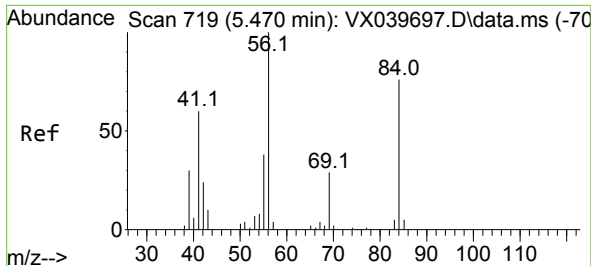
Tgt Ion: 83 Resp: 118346

Ion Ratio Lower Upper

83 100

85 64.1 50.3 75.5

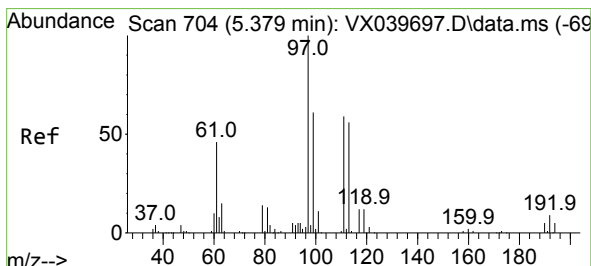
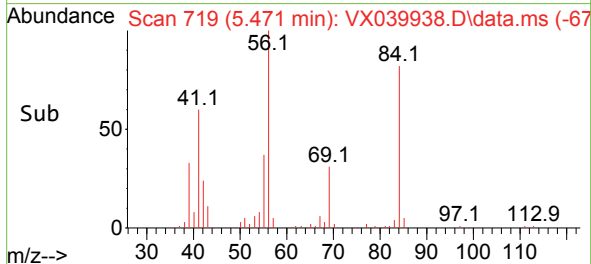
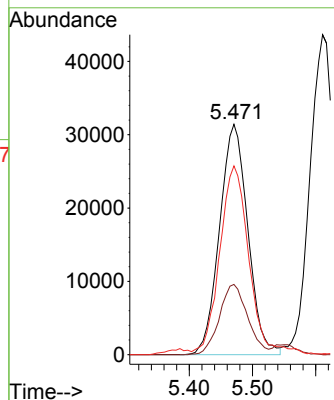
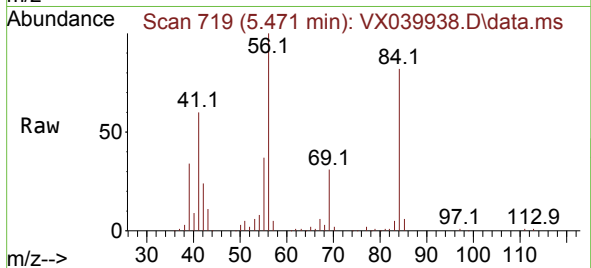




#31
Cyclohexane
Concen: 53.709 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

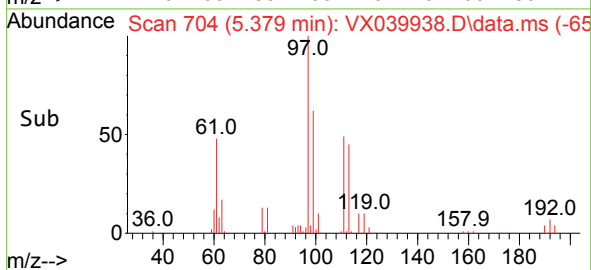
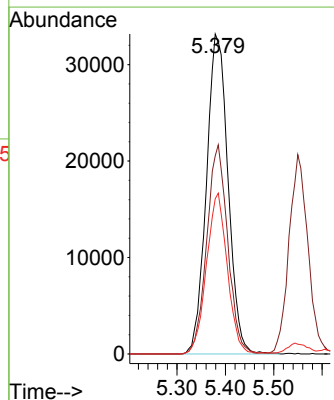
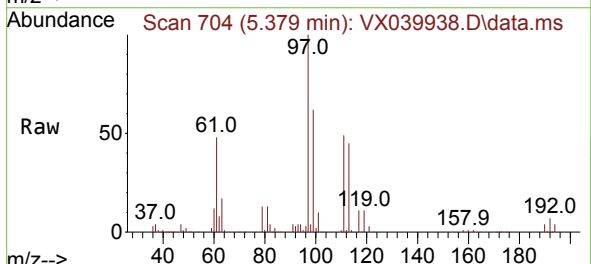
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

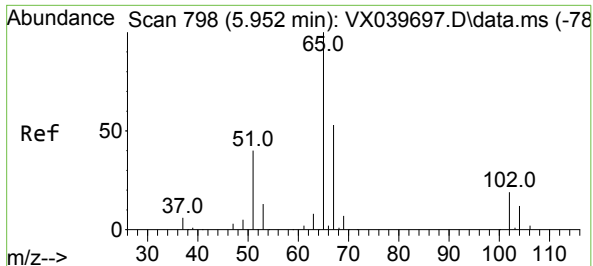
Tgt Ion:	56	Resp:	97638
Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.4	35.2
84	79.4	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 59.646 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion:	97	Resp:	103088
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.1	76.7
61	48.6	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 48.688 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

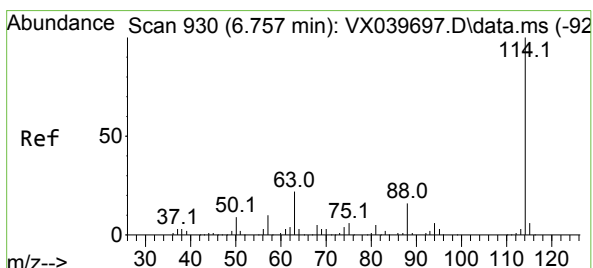
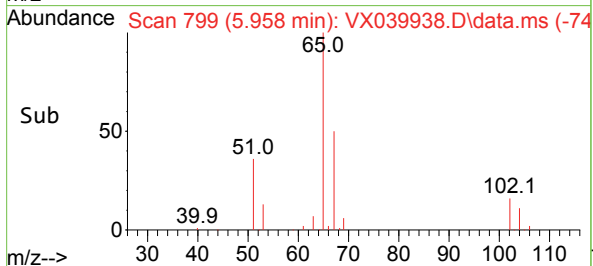
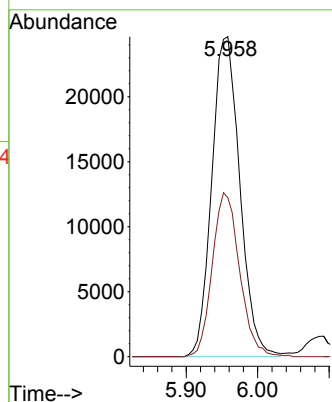
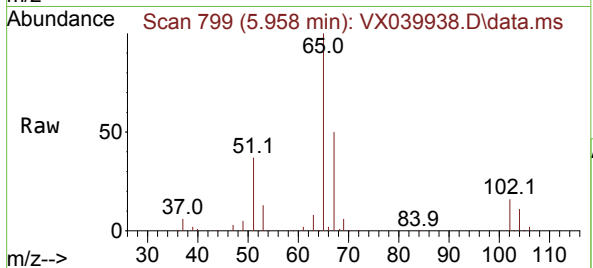
SUMOGW-2-10-13MSD

Tgt Ion: 65 Resp: 67066

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

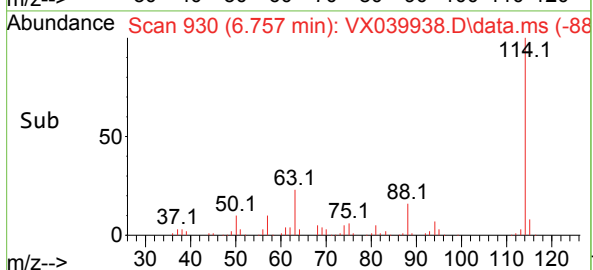
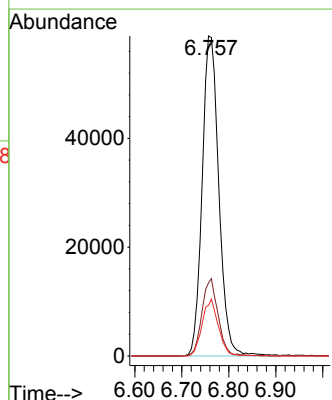
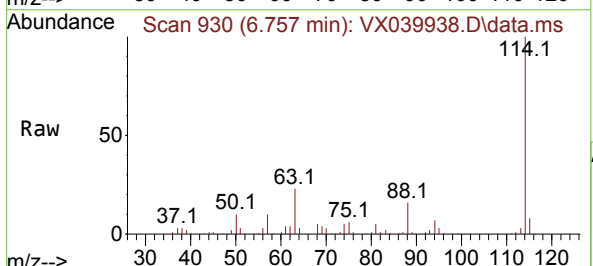
Tgt Ion: 114 Resp: 144965

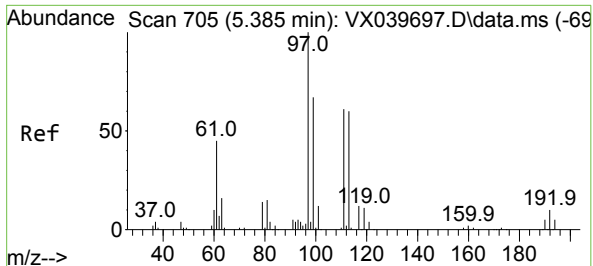
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

88 15.8 0.0 36.6

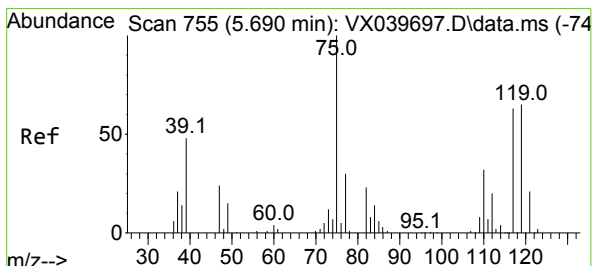
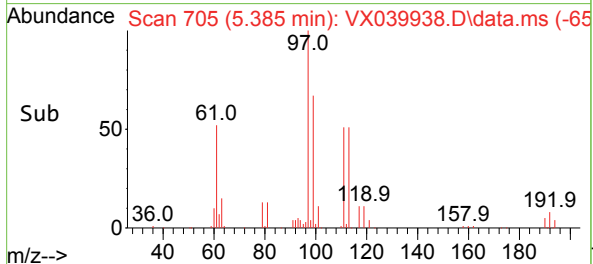
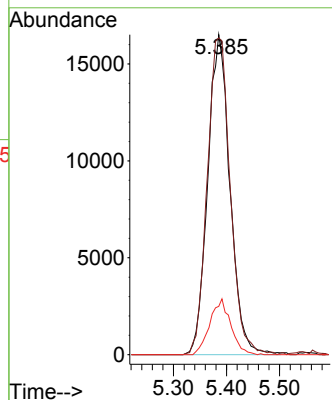
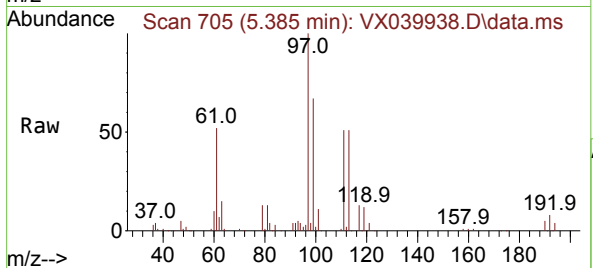




#35
Dibromofluoromethane
Concen: 49.338 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

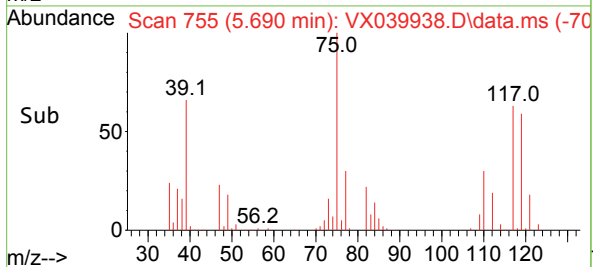
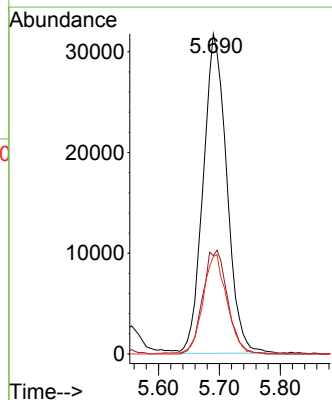
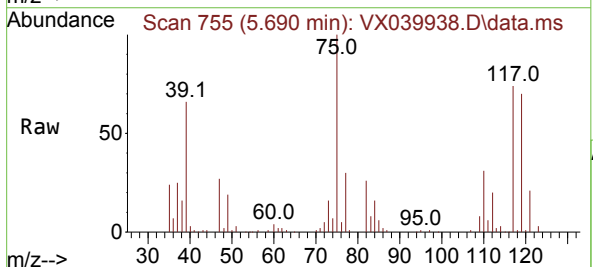
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

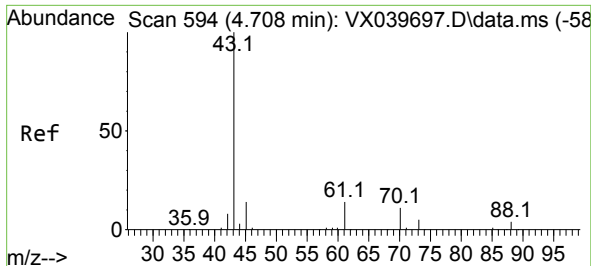
Tgt Ion:113 Resp: 48174
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 16.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 56.115 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion: 75 Resp: 85285
Ion Ratio Lower Upper
75 100
110 34.2 17.0 50.9
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 54.116 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

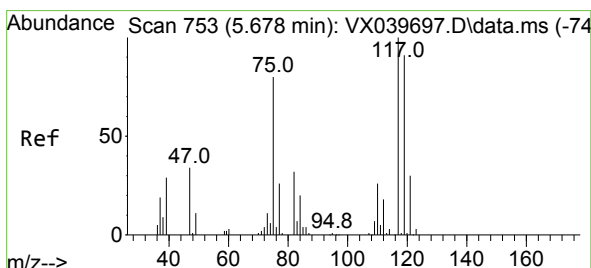
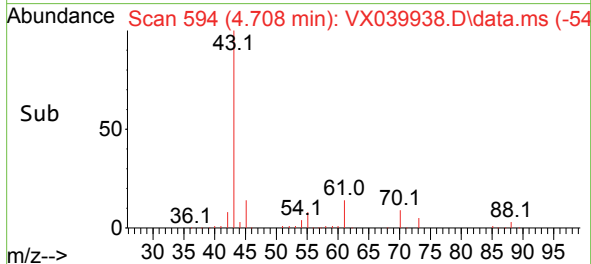
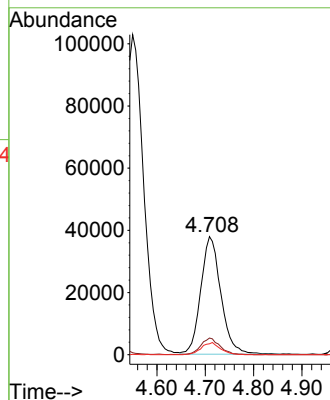
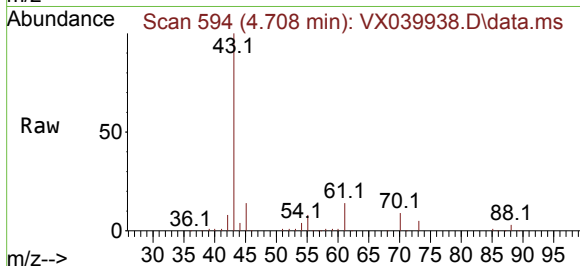
Tgt Ion: 43 Resp: 109722

Ion Ratio Lower Upper

43 100

61 13.5 10.6 16.0

70 9.7 8.3 12.5



#38

Carbon Tetrachloride

Concen: 61.258 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

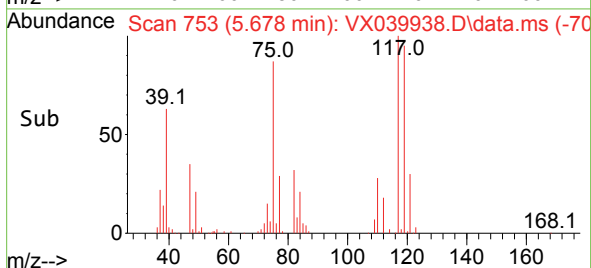
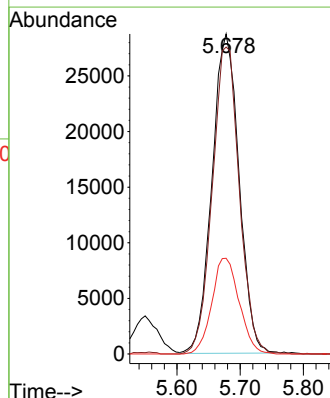
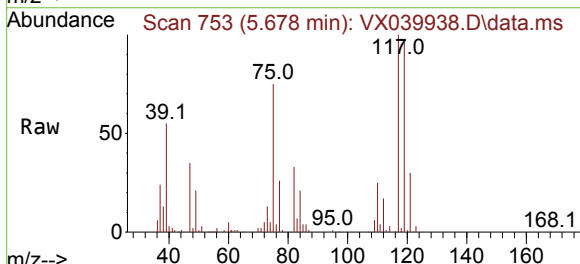
Tgt Ion: 117 Resp: 85270

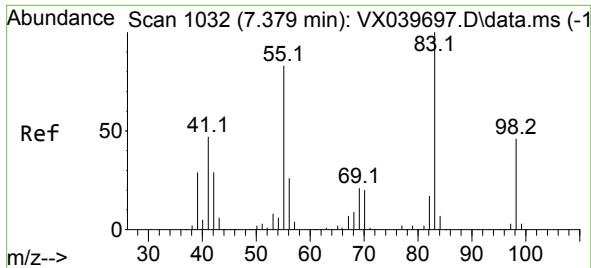
Ion Ratio Lower Upper

117 100

119 96.2 78.2 117.2

121 30.0 24.4 36.6





#39

Methylcyclohexane

Concen: 53.853 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

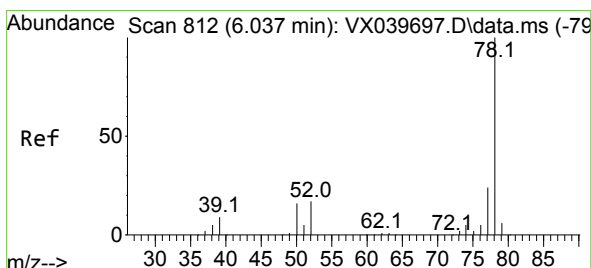
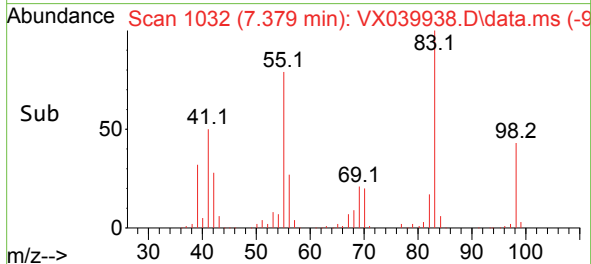
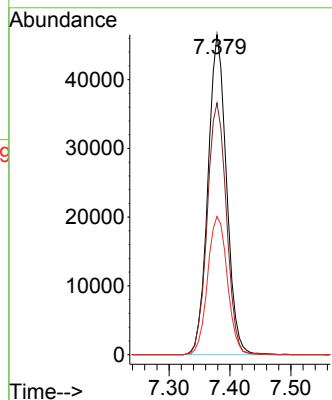
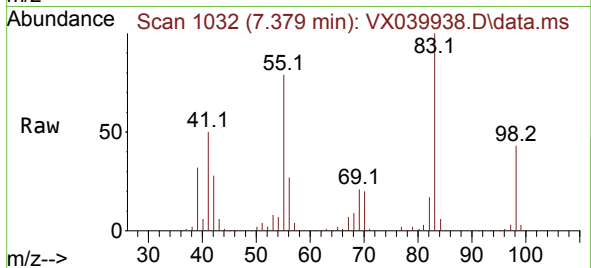
Tgt Ion: 83 Resp: 98282

Ion Ratio Lower Upper

83 100

55 78.6 64.6 97.0

98 43.2 36.7 55.1



#40

Benzene

Concen: 56.323 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX039938.D

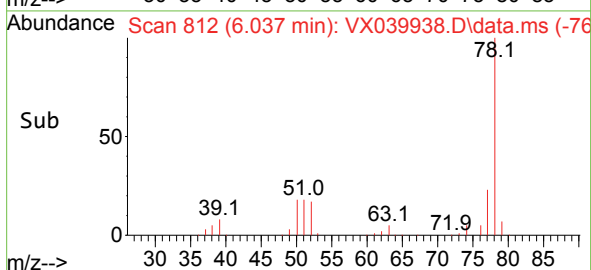
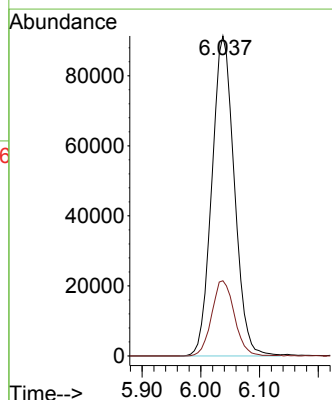
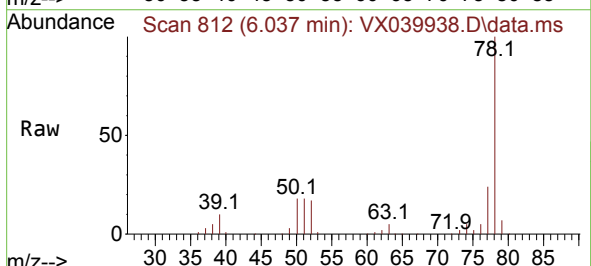
Acq: 24 Jan 2024 15:45

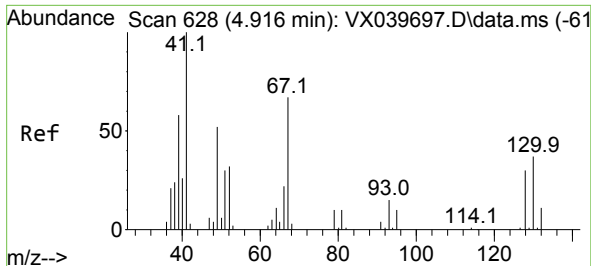
Tgt Ion: 78 Resp: 242388

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9

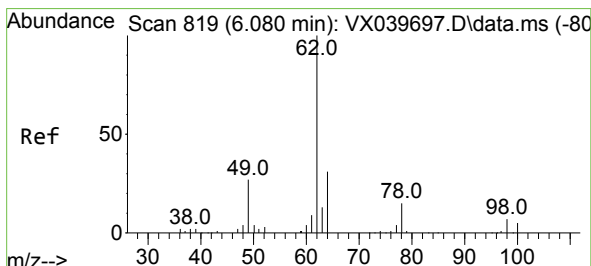
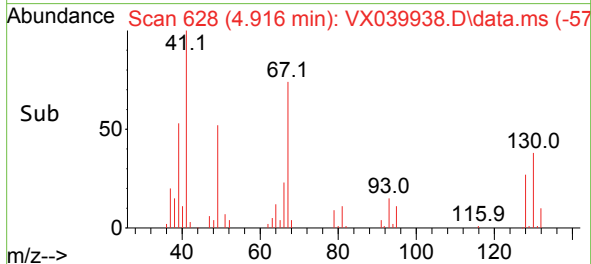
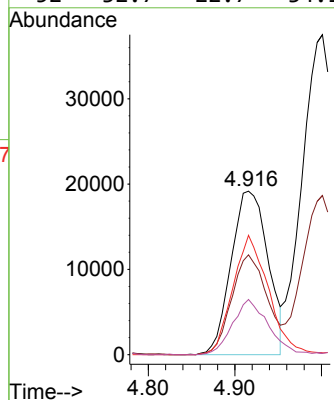
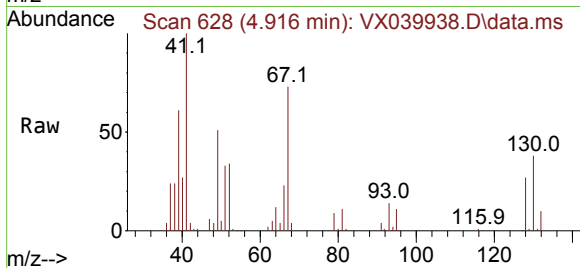




#41
Methacrylonitrile
Concen: 57.332 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

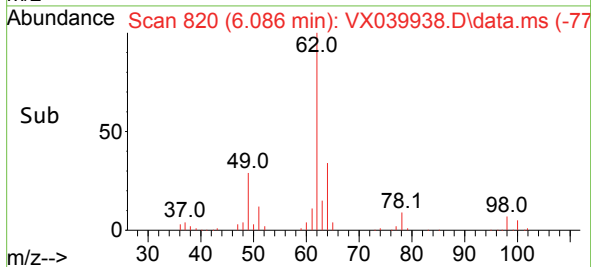
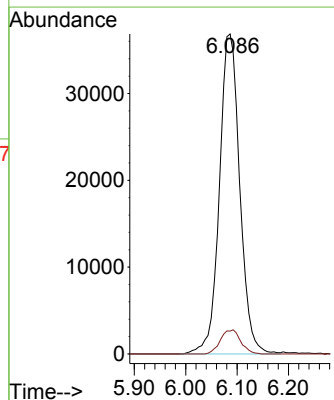
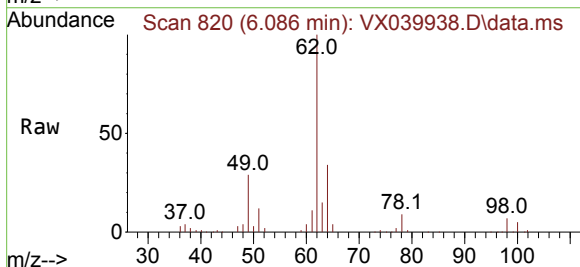
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

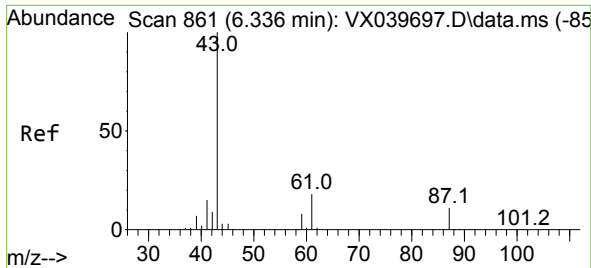
Tgt Ion:	41	Resp:	56844
Ion	Ratio	Lower	Upper
41	100		
39	58.5	45.2	67.8
67	70.8	52.6	78.8
52	32.7	22.7	34.1



#42
1,2-Dichloroethane
Concen: 62.017 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion:	62	Resp:	101468
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	16.0





#43

Isopropyl Acetate

Concen: 57.686 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

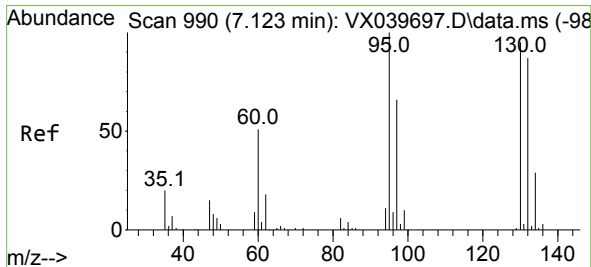
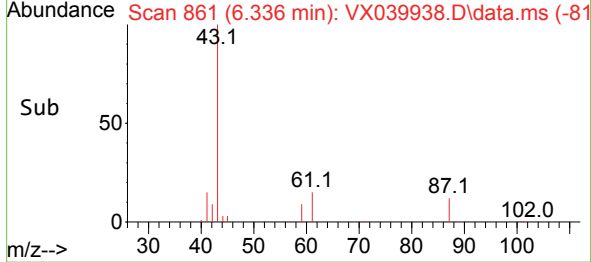
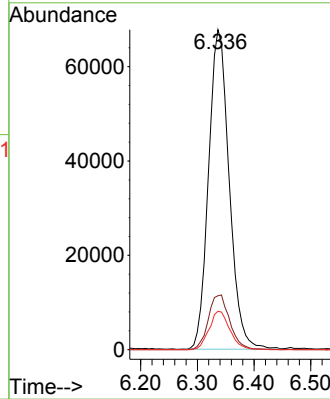
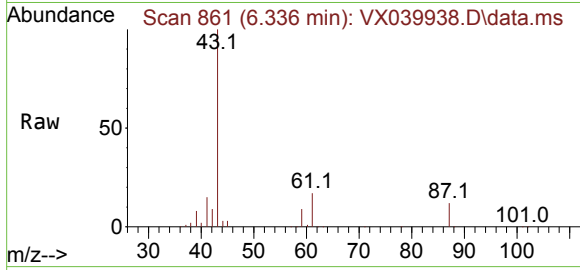
Tgt Ion: 43 Resp: 171577

Ion Ratio Lower Upper

43 100

61 17.8 15.2 22.8

87 12.0 9.8 14.6



#44

Trichloroethene

Concen: 57.386 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX039938.D

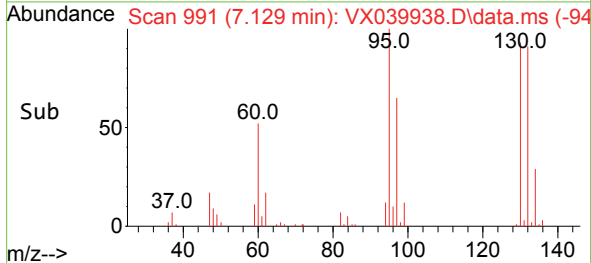
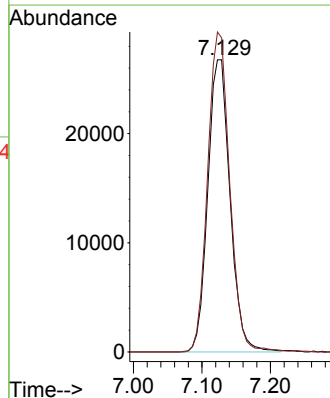
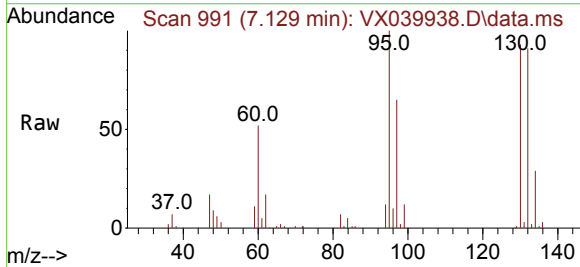
Acq: 24 Jan 2024 15:45

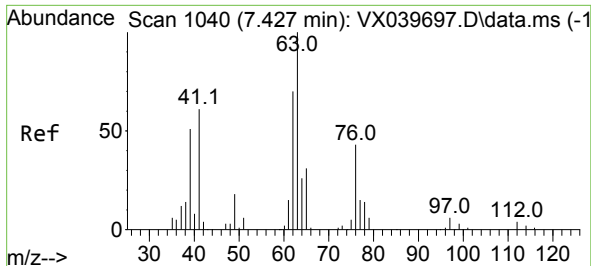
Tgt Ion:130 Resp: 60525

Ion Ratio Lower Upper

130 100

95 107.5 0.0 204.4

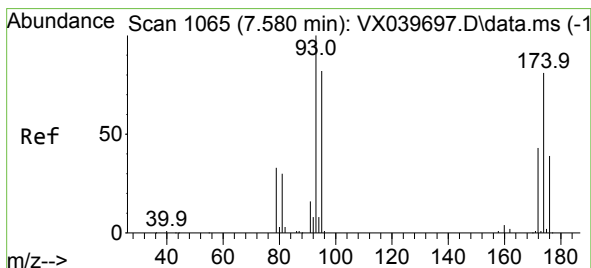
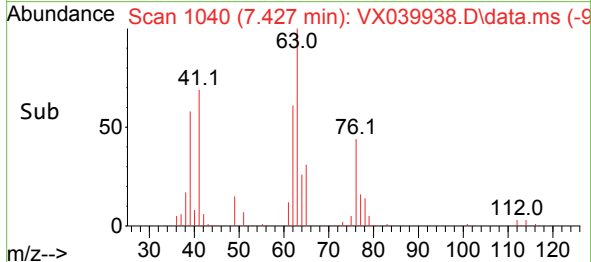
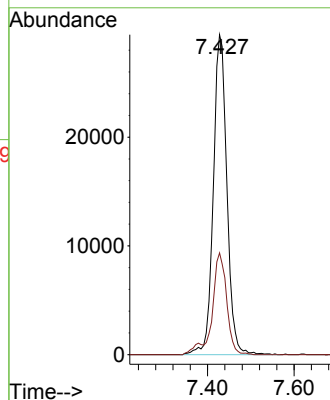
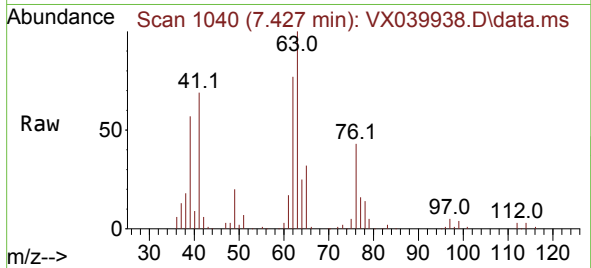




#45
1,2-Dichloropropane
Concen: 55.561 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

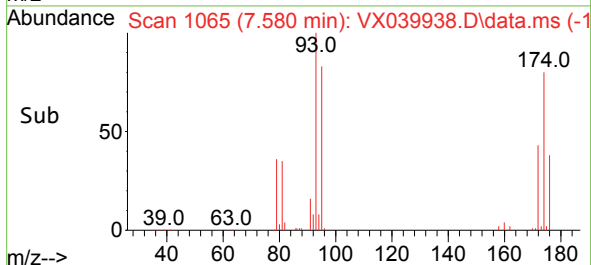
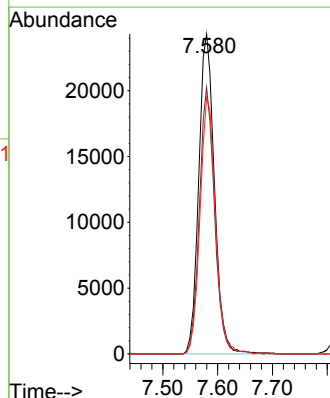
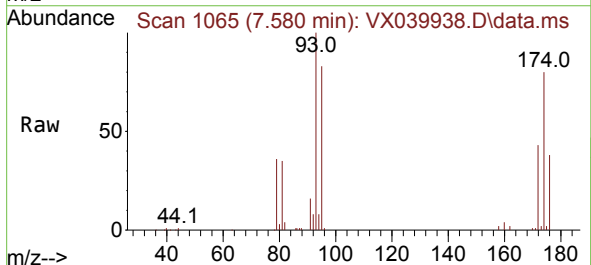
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

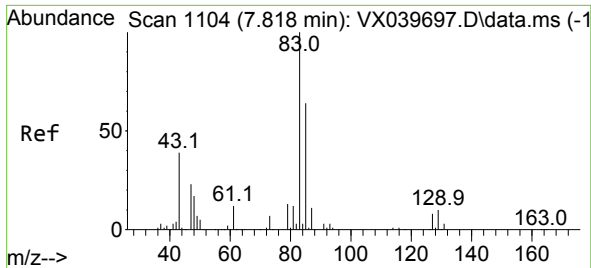
Tgt Ion: 63 Resp: 64143
Ion Ratio Lower Upper
63 100
65 31.8 24.3 36.5



#46
Dibromomethane
Concen: 60.712 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion: 93 Resp: 48411
Ion Ratio Lower Upper
93 100
95 80.7 66.6 100.0
174 78.7 69.4 104.0

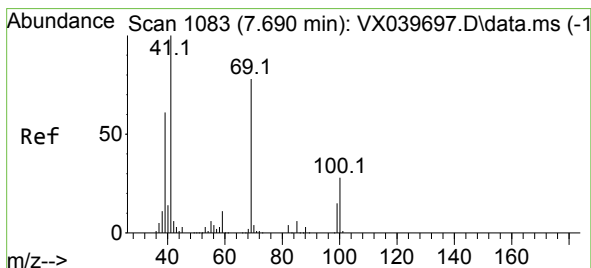
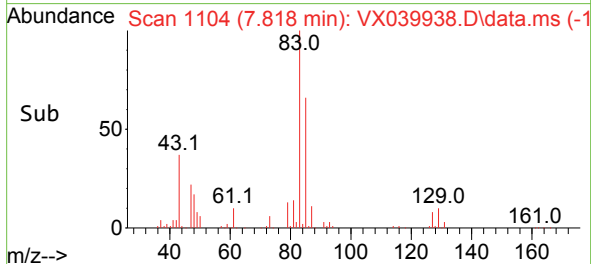
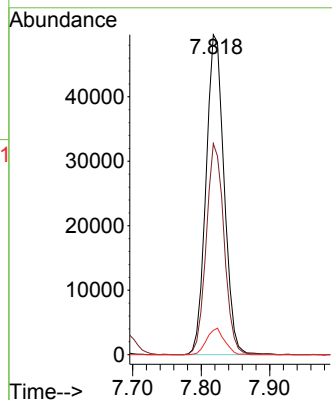
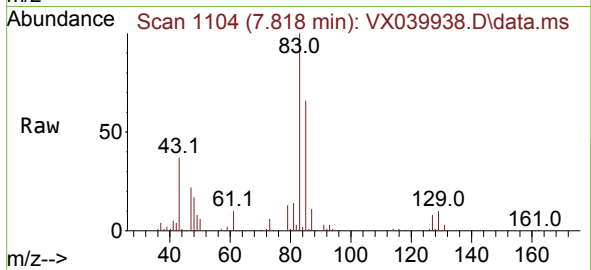




#47
Bromodichloromethane
Concen: 61.639 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

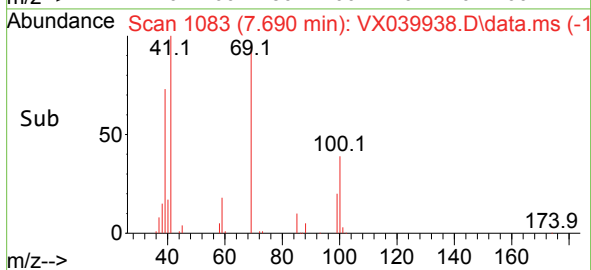
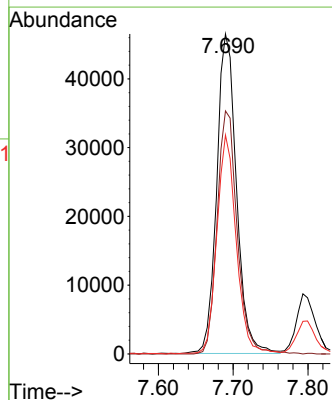
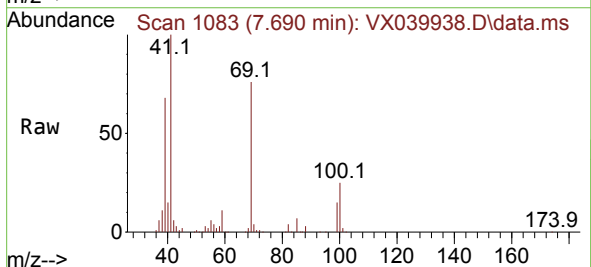
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

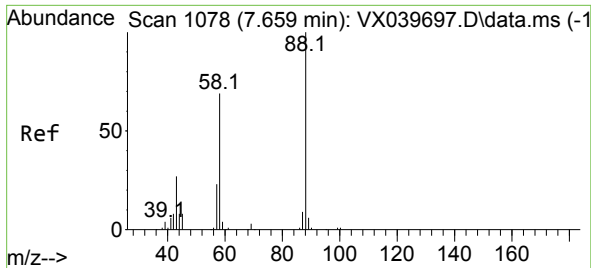
Tgt Ion: 83 Resp: 91029
Ion Ratio Lower Upper
83 100
85 65.9 49.8 74.6
127 7.6 7.1 10.7



#48
Methyl methacrylate
Concen: 58.520 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion: 41 Resp: 85555
Ion Ratio Lower Upper
41 100
69 77.1 59.2 88.8
39 67.4 47.7 71.5

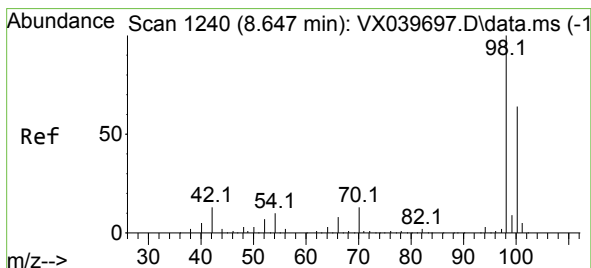
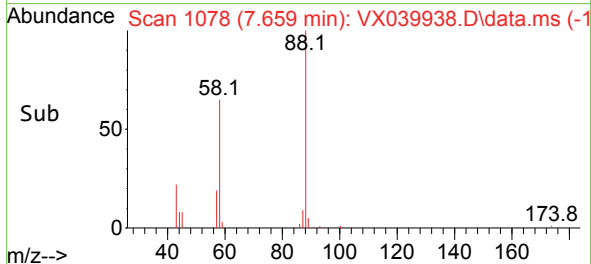
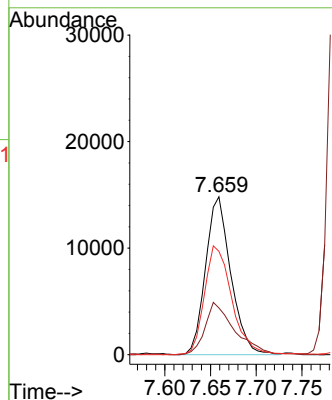
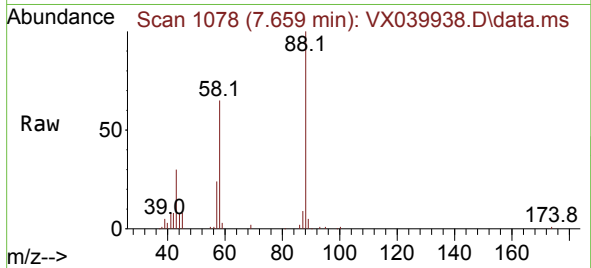




#49
1,4-Dioxane
Concen: 1005.560 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

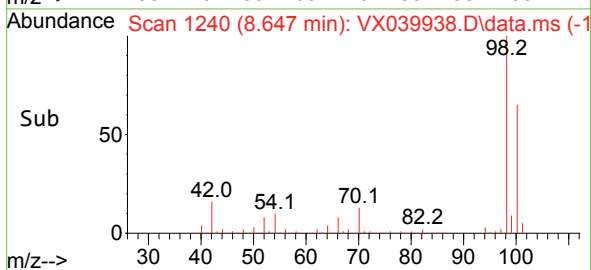
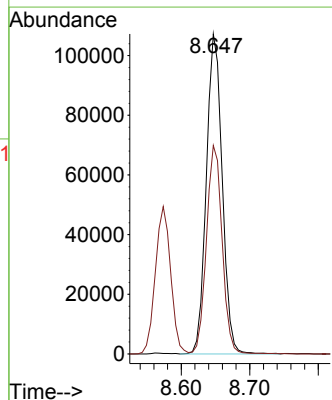
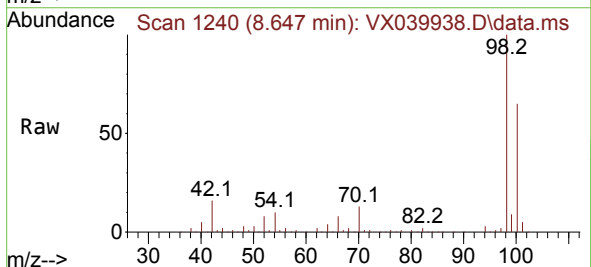
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

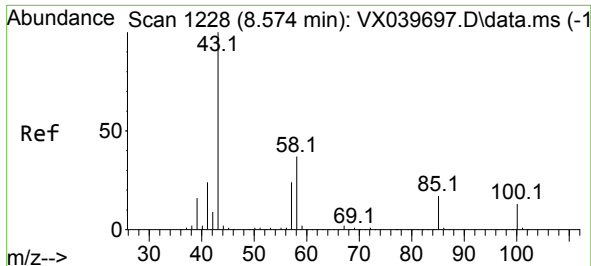
Tgt Ion: 88 Resp: 28446
Ion Ratio Lower Upper
88 100
43 38.9 0.0 0.0#
58 75.1 60.1 90.1



#50
Toluene-d8
Concen: 46.939 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion: 98 Resp: 172856
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

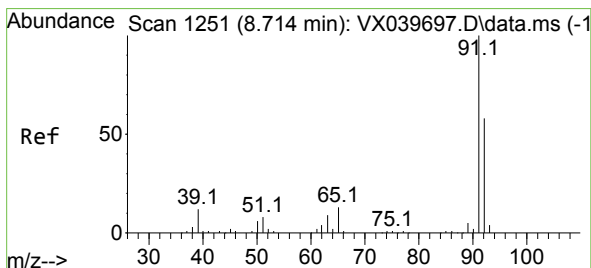
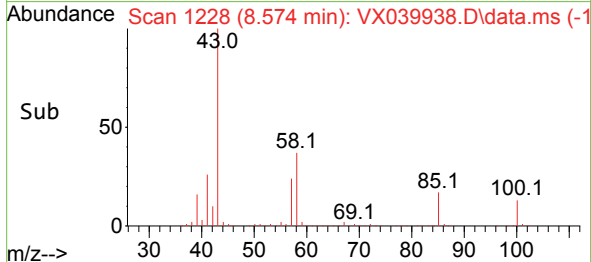
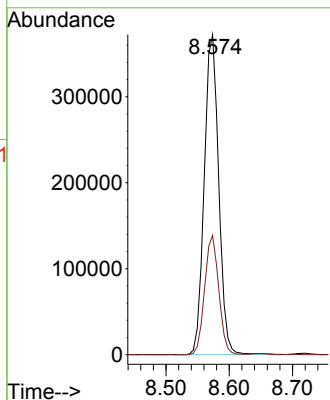
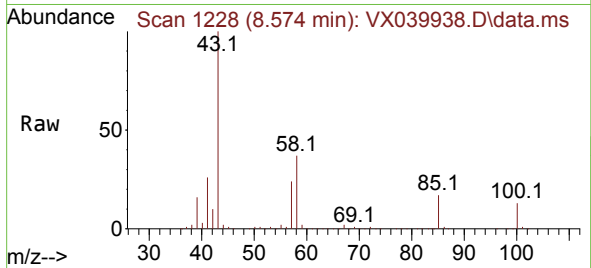




#51
4-Methyl-2-Pentanone
Concen: 289.747 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

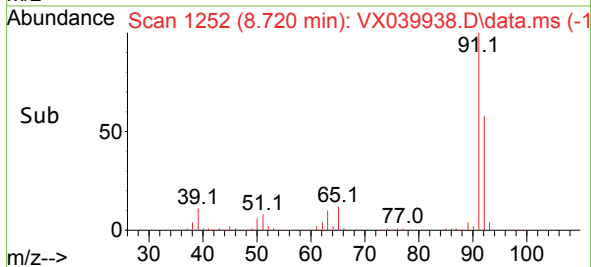
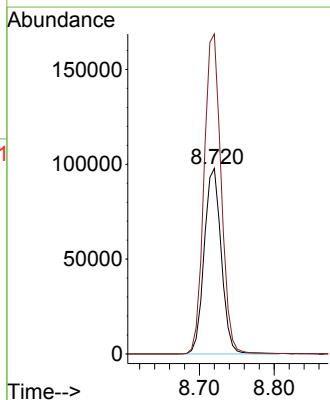
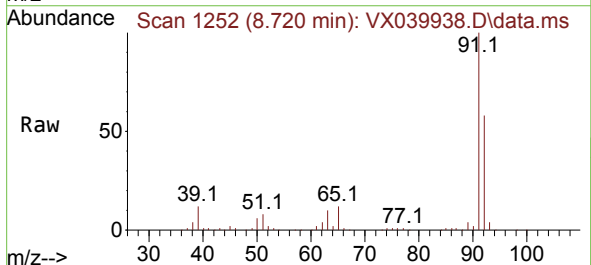
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

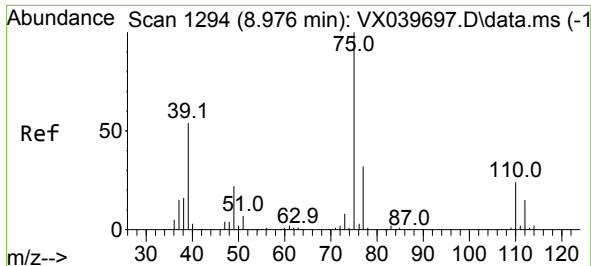
Tgt Ion: 43 Resp: 593530
Ion Ratio Lower Upper
43 100
58 36.4 30.4 45.6



#52
Toluene
Concen: 60.295 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion: 92 Resp: 154987
Ion Ratio Lower Upper
92 100
91 173.2 134.2 201.2

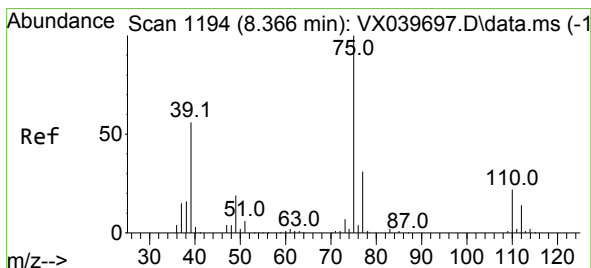
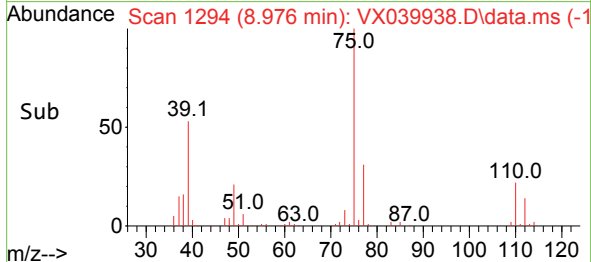
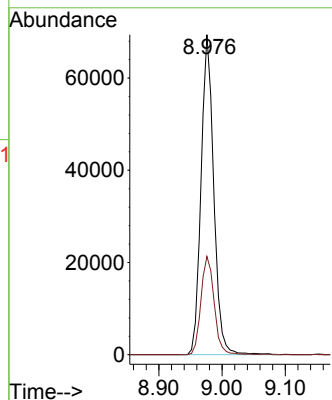
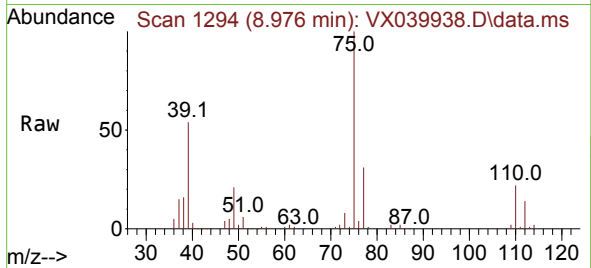




#53
 t-1,3-Dichloropropene
 Concen: 61.918 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX039938.D
 Acq: 24 Jan 2024 15:45

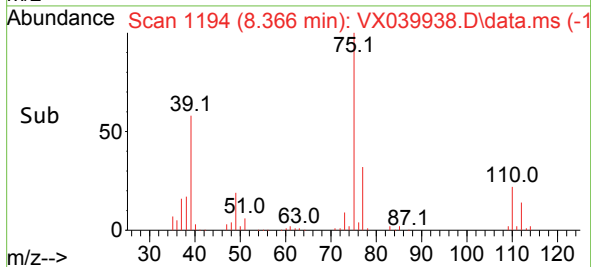
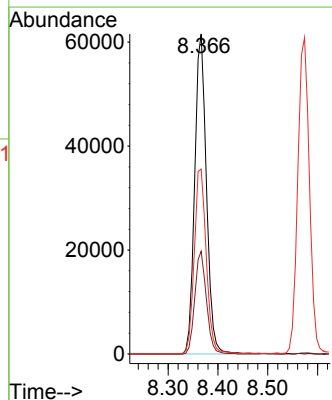
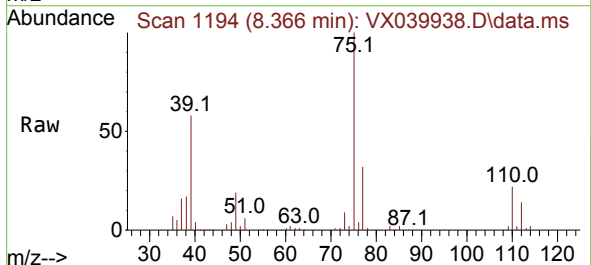
Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-2-10-13MSD

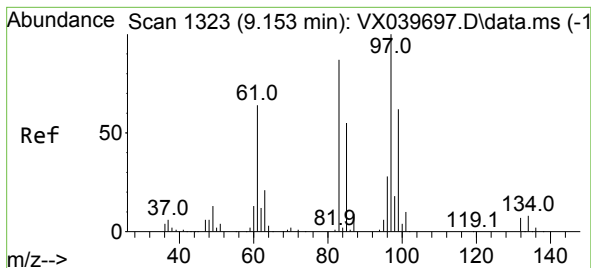
Tgt Ion: 75 Resp: 97029
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 58.433 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039938.D
 Acq: 24 Jan 2024 15:45

Tgt Ion: 75 Resp: 100687
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9
 39 57.7 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 58.177 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

Tgt Ion: 97 Resp: 63669

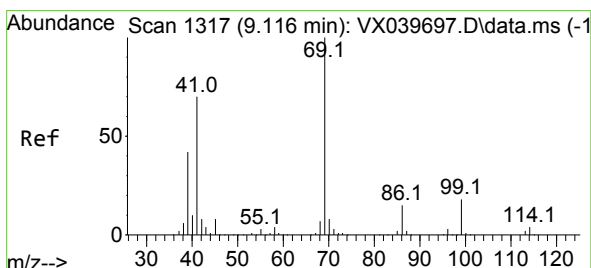
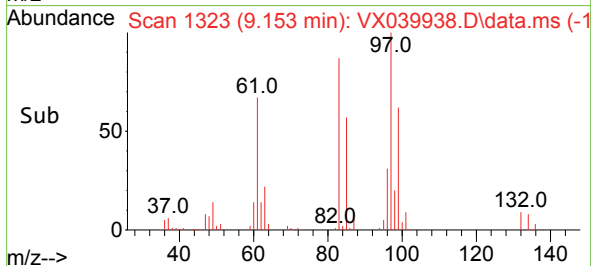
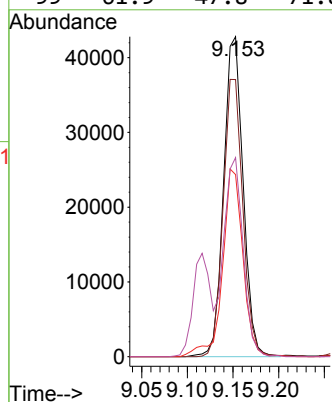
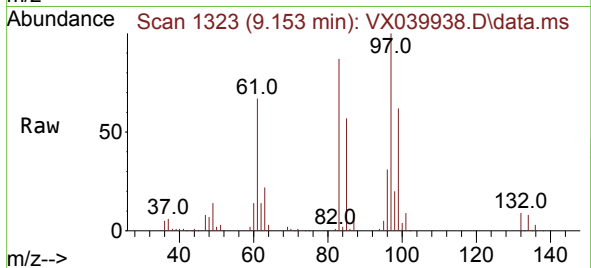
Ion Ratio Lower Upper

97 100

83 86.6 65.8 98.8

85 56.9 41.6 62.4

99 61.9 47.8 71.8



#56

Ethyl methacrylate

Concen: 60.432 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

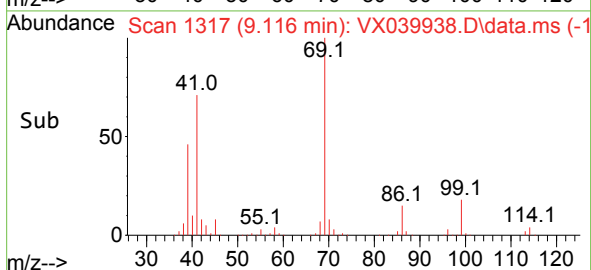
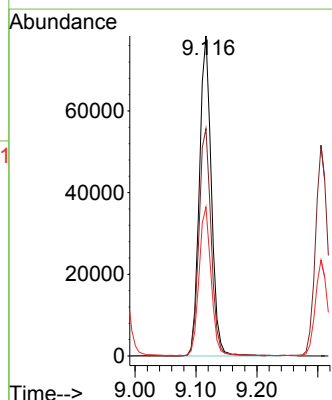
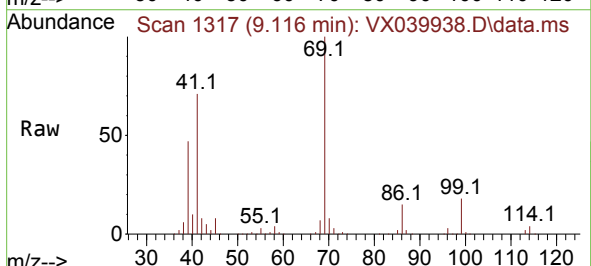
Tgt Ion: 69 Resp: 107041

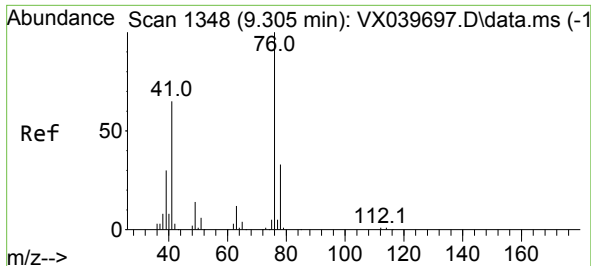
Ion Ratio Lower Upper

69 100

41 72.6 56.8 85.2

39 47.6 32.0 48.0





#57

1,3-Dichloropropane

Concen: 59.481 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

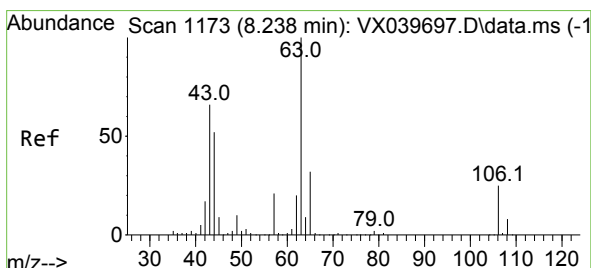
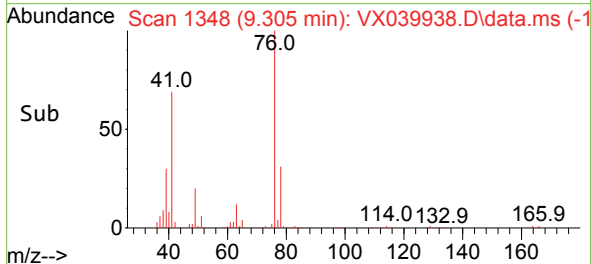
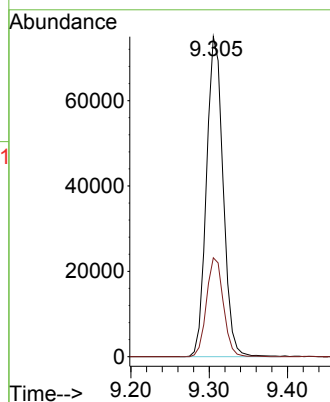
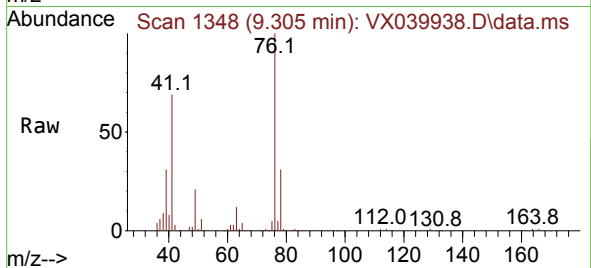
SUMOGW-2-10-13MSD

Tgt Ion: 76 Resp: 110316

Ion Ratio Lower Upper

76 100

78 31.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 0.884 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.128 min

Lab File: VX039938.D

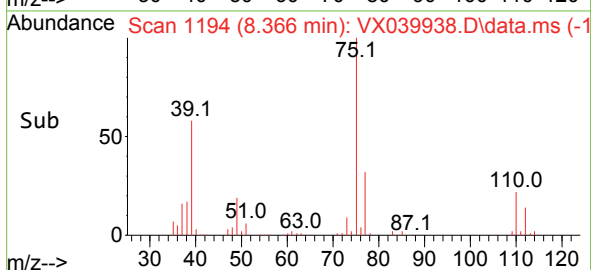
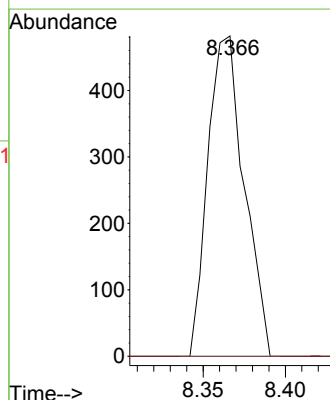
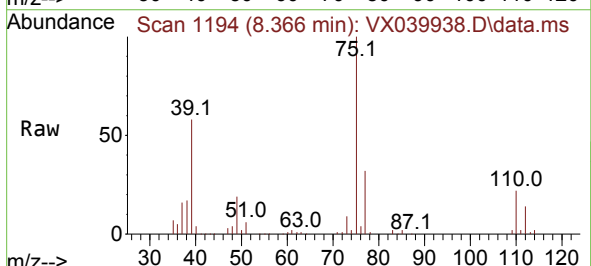
Acq: 24 Jan 2024 15:45

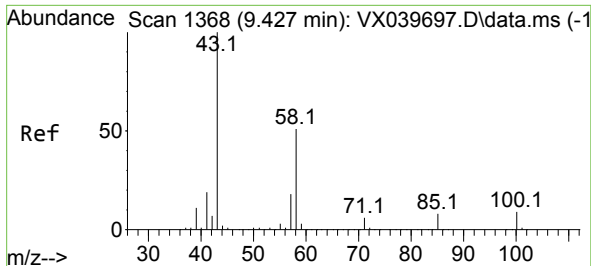
Tgt Ion: 63 Resp: 740

Ion Ratio Lower Upper

63 100

106 0.0 22.5 33.7#





#59

2-Hexanone

Concen: 297.309 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

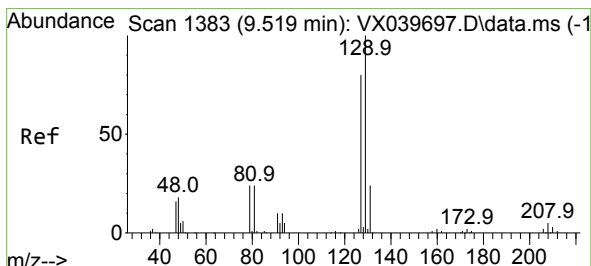
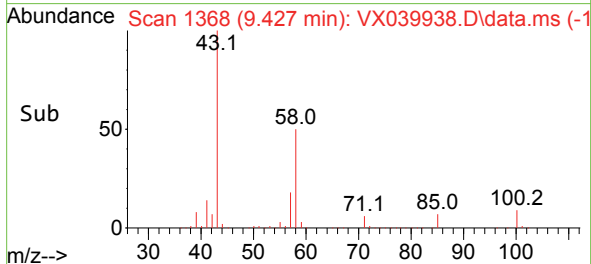
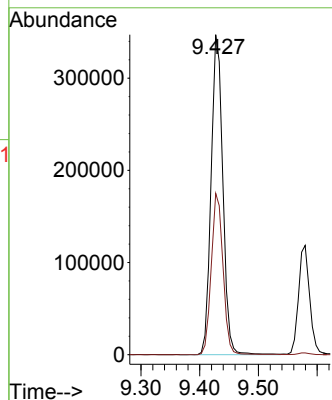
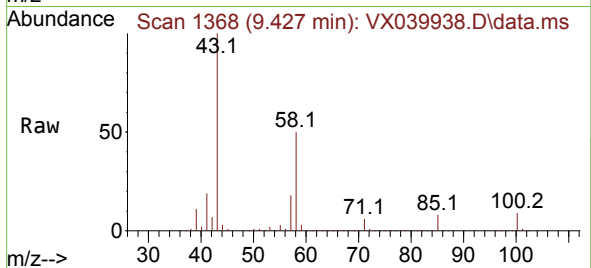
SUMOGW-2-10-13MSD

Tgt Ion: 43 Resp: 482006

Ion Ratio Lower Upper

43 100

58 50.4 26.2 78.5



#60

Dibromochloromethane

Concen: 64.508 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039938.D

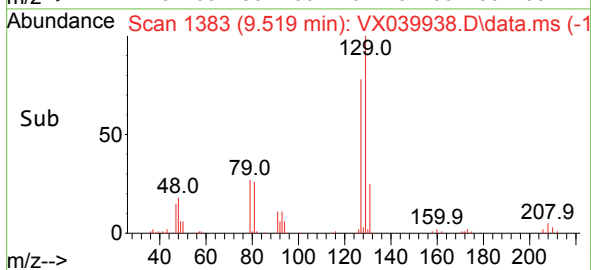
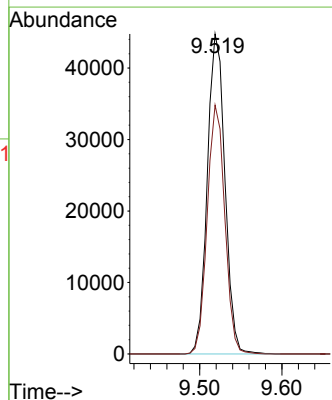
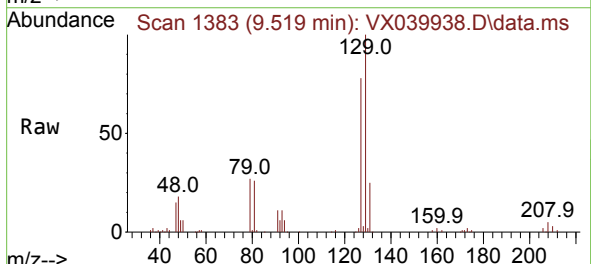
Acq: 24 Jan 2024 15:45

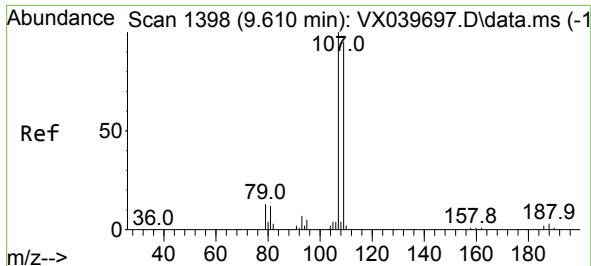
Tgt Ion: 129 Resp: 66577

Ion Ratio Lower Upper

129 100

127 77.5 38.8 116.4

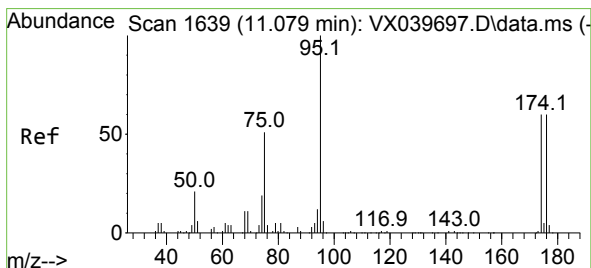
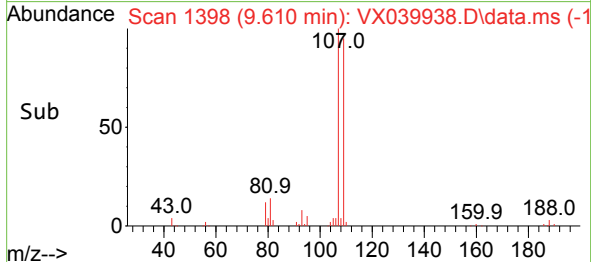
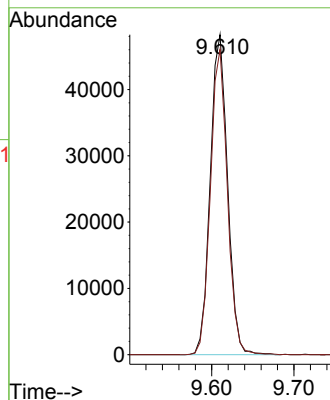
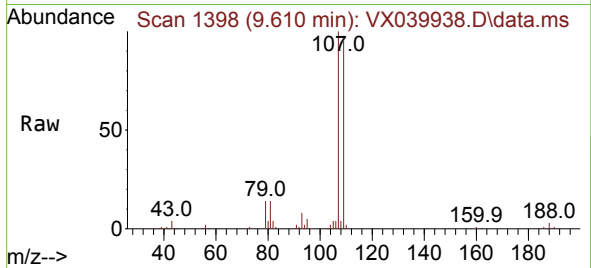




#61
1,2-Dibromoethane
Concen: 62.226 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

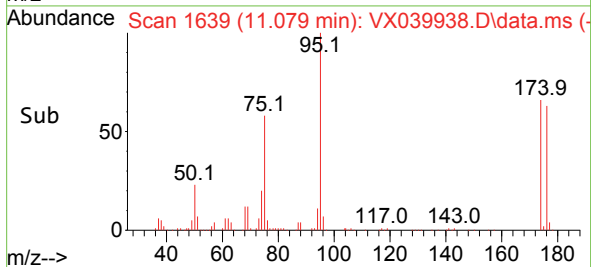
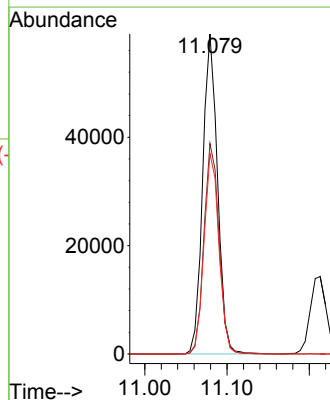
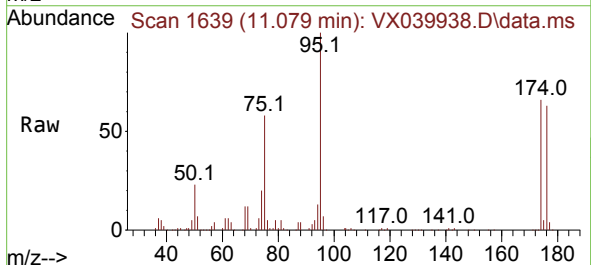
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

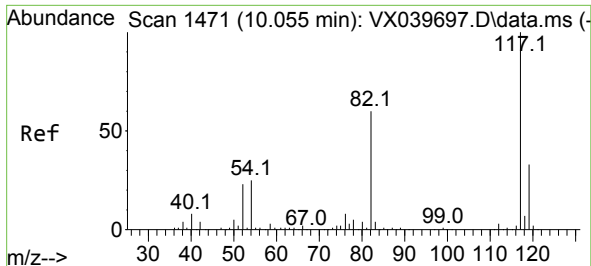
Tgt Ion:107 Resp: 70522
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 51.239 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion: 95 Resp: 73787
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.6
176 63.1 0.0 131.0

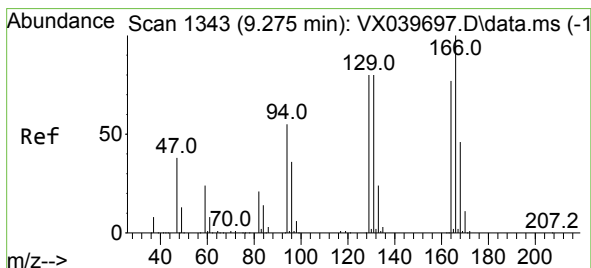
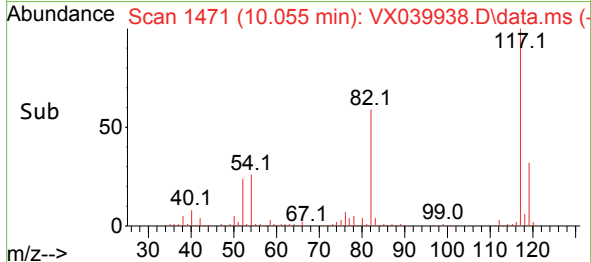
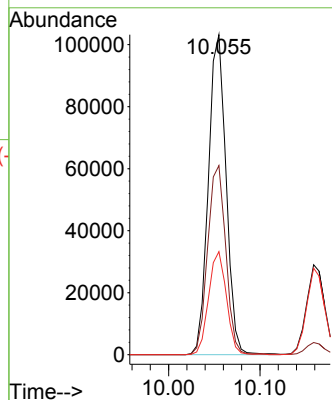
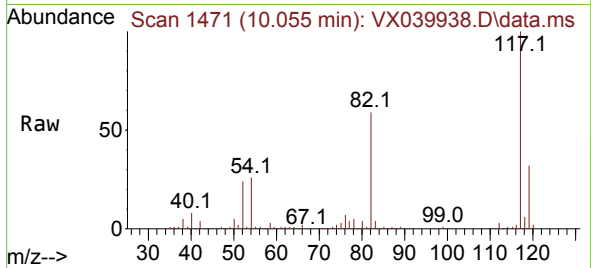




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

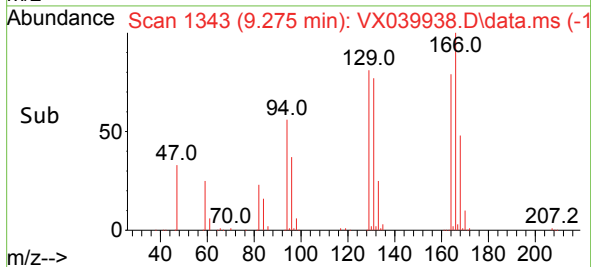
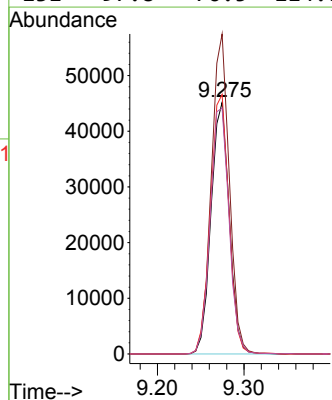
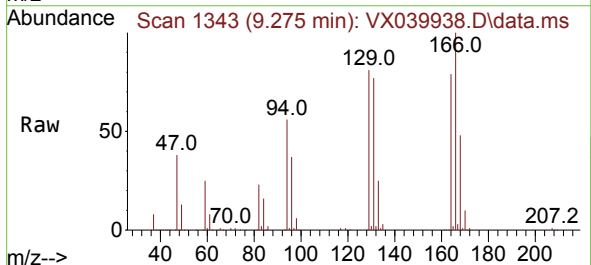
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

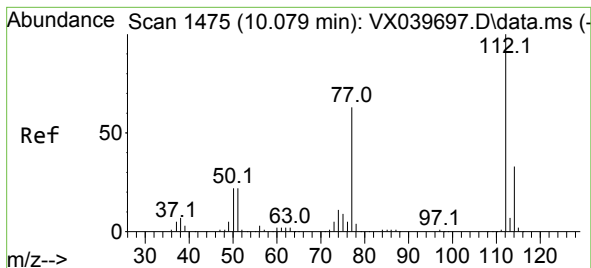
Tgt Ion:117 Resp: 138579
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 73.282 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion:164 Resp: 66040
Ion Ratio Lower Upper
164 100
166 127.2 102.7 154.1
129 103.1 80.4 120.6
131 97.8 76.5 114.7

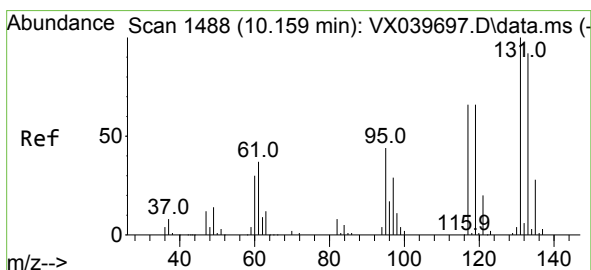
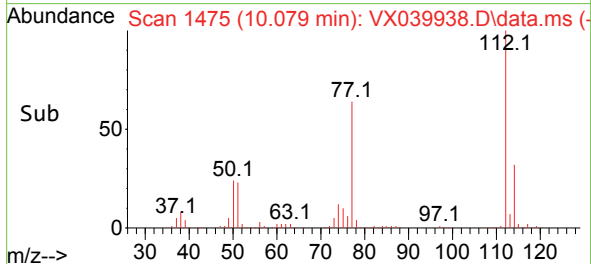
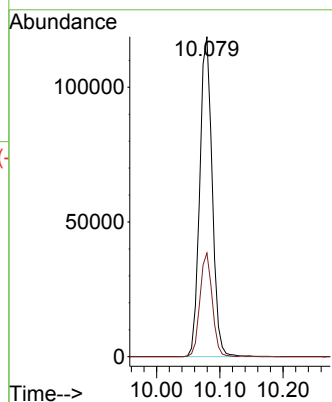
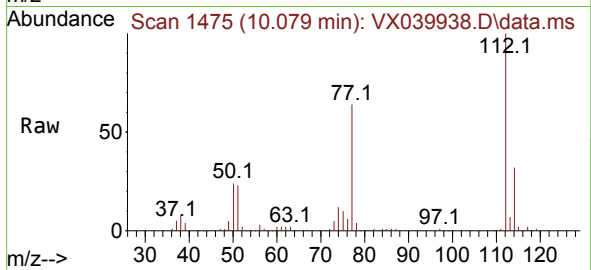




#65
Chlorobenzene
Concen: 56.429 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

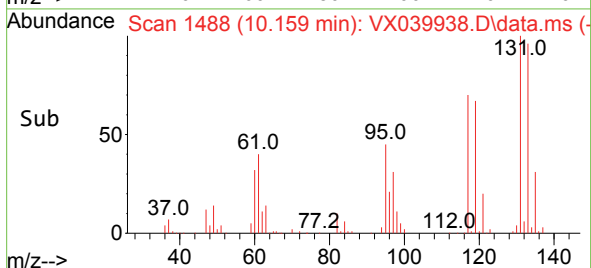
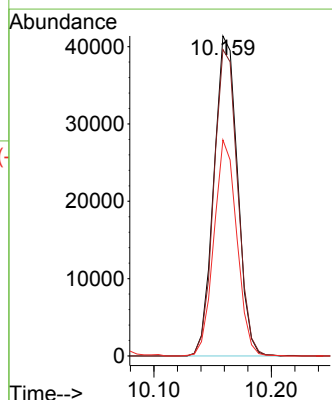
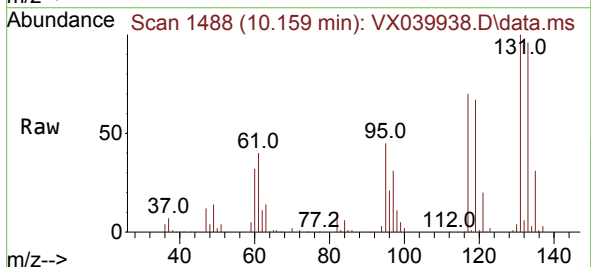
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

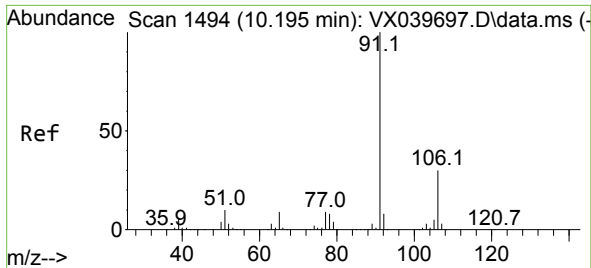
Tgt Ion:112 Resp: 162872
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 58.818 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion:131 Resp: 57806
Ion Ratio Lower Upper
131 100
133 96.5 47.1 141.4
119 65.6 32.2 96.6

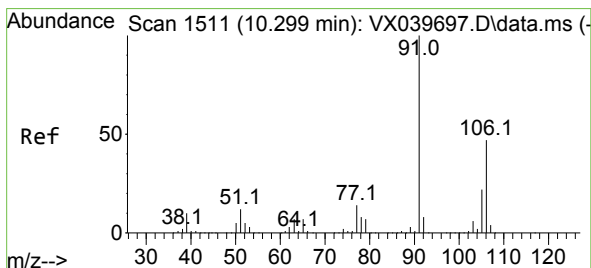
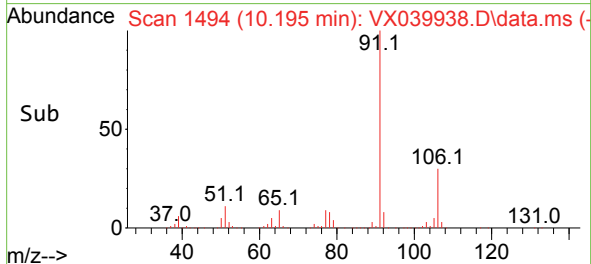
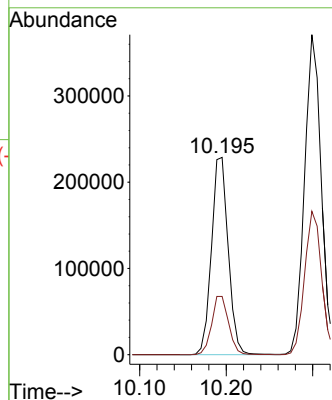
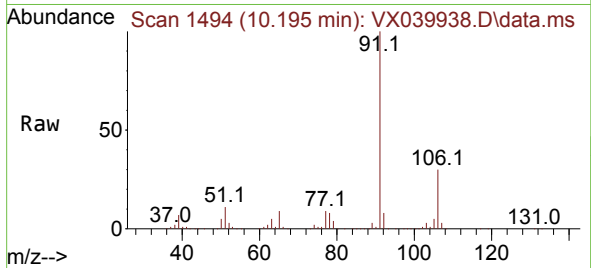




#67
Ethyl Benzene
Concen: 57.317 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

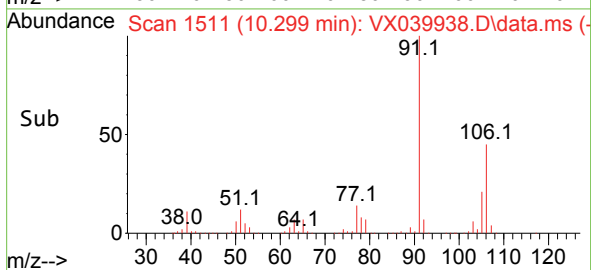
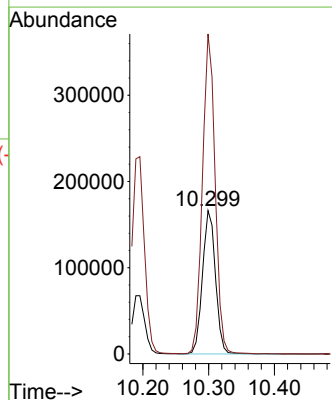
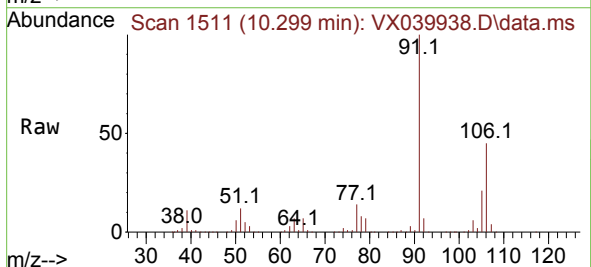
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

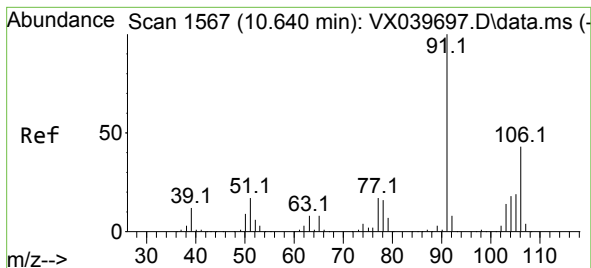
Tgt Ion: 91 Resp: 307137
Ion Ratio Lower Upper
91 100
106 29.6 24.9 37.3



#68
m/p-Xylenes
Concen: 115.695 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion:106 Resp: 228001
Ion Ratio Lower Upper
106 100
91 217.8 165.5 248.3





#69

o-Xylene

Concen: 57.530 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

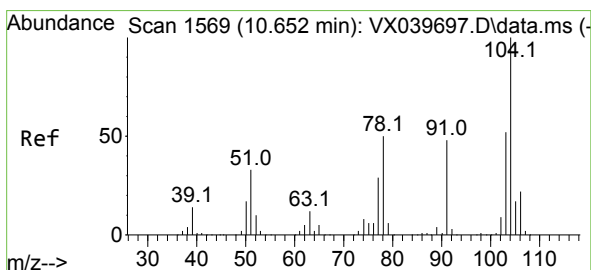
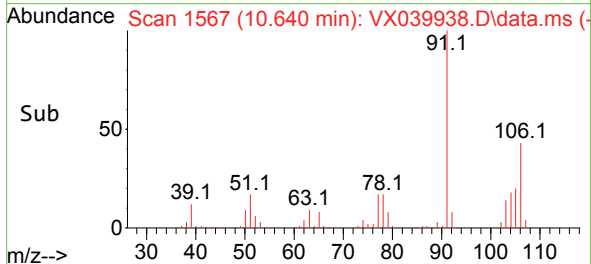
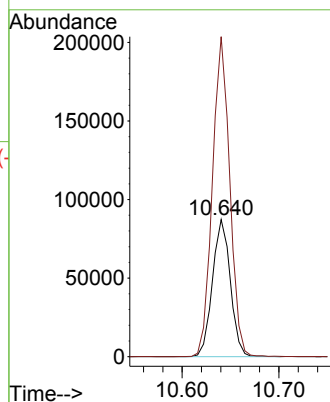
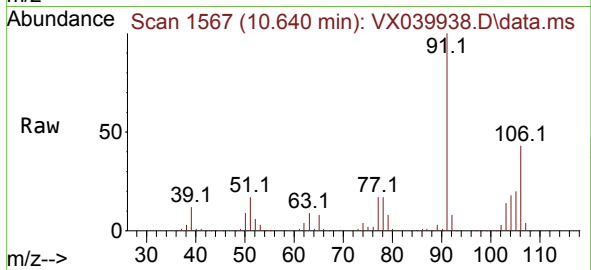
SUMOGW-2-10-13MSD

Tgt Ion:106 Resp: 112278

Ion Ratio Lower Upper

106 100

91 226.7 108.9 326.8



#70

Styrene

Concen: 58.783 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

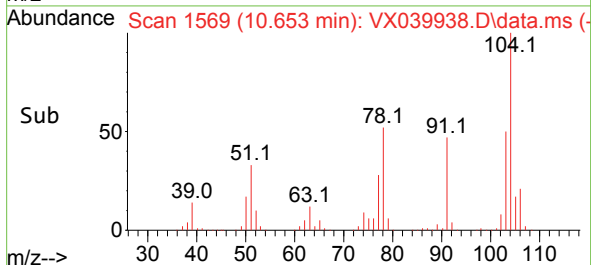
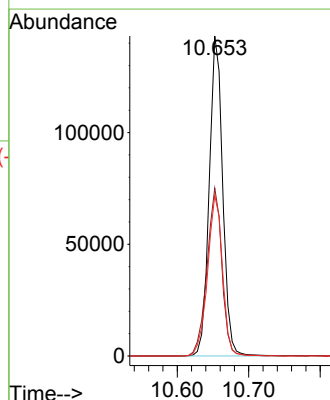
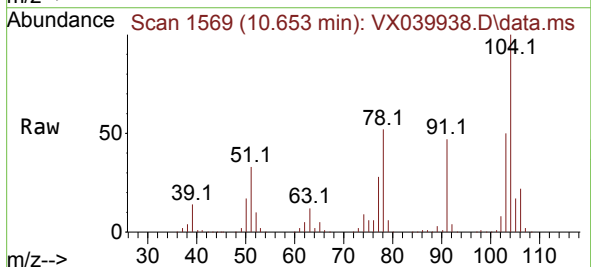
Tgt Ion:104 Resp: 187403

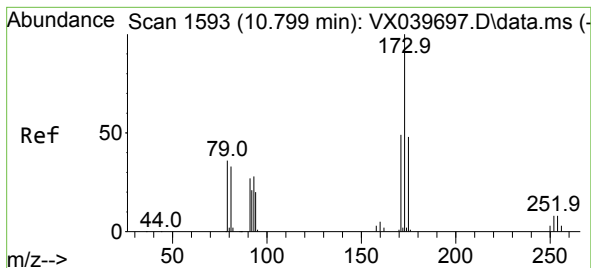
Ion Ratio Lower Upper

104 100

78 58.2 43.6 65.4

103 55.5 43.6 65.4





#71

Bromoform

Concen: 62.887 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

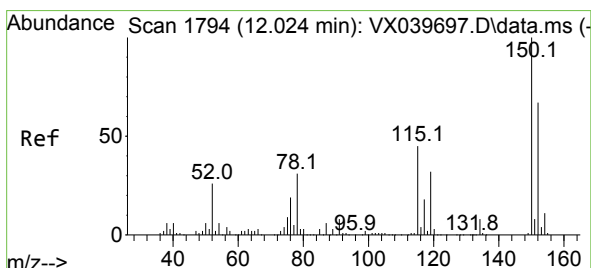
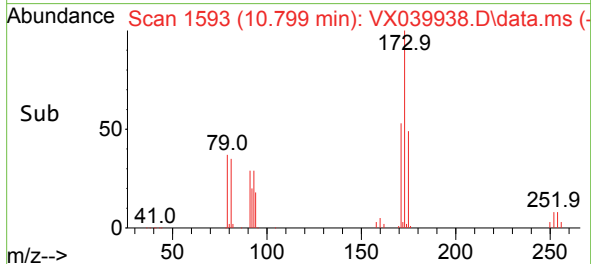
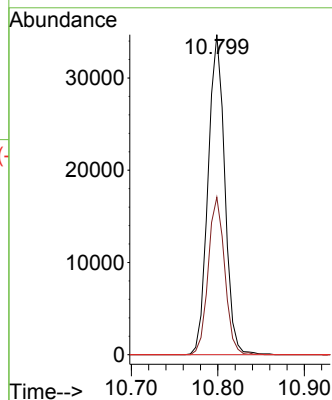
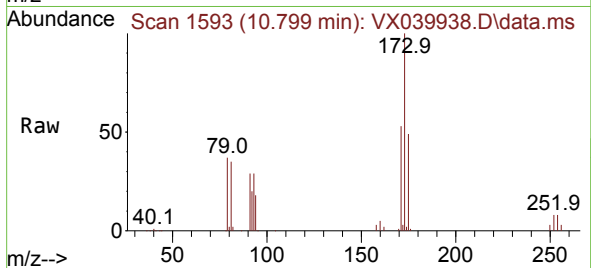
Tgt Ion:173 Resp: 46409

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

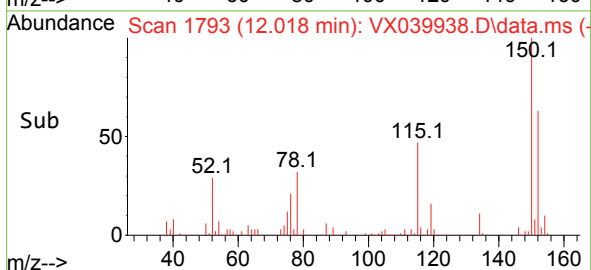
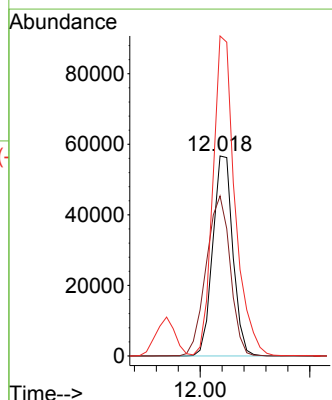
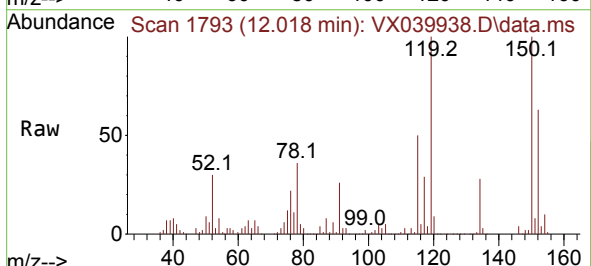
Tgt Ion:152 Resp: 72201

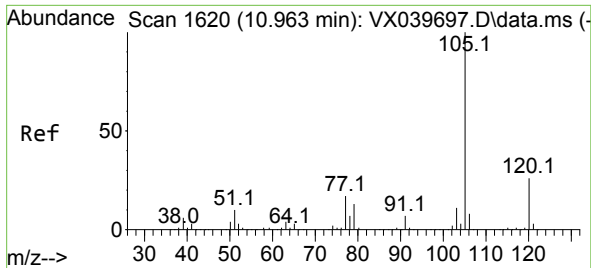
Ion Ratio Lower Upper

152 100

115 96.1 43.3 129.9

150 175.0 0.0 345.0

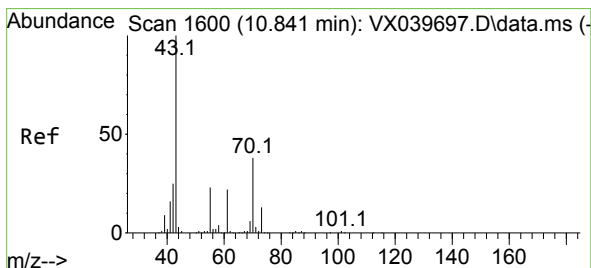
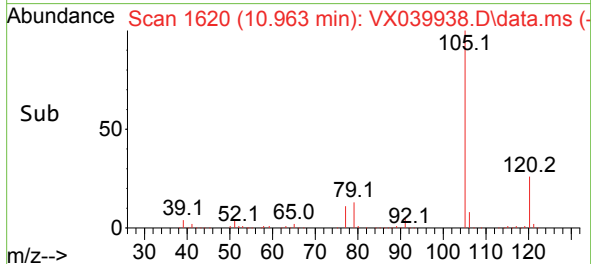
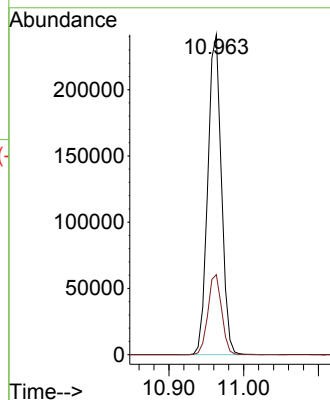
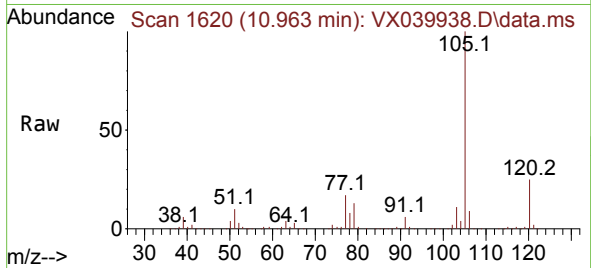




#73
Isopropylbenzene
Concen: 52.984 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

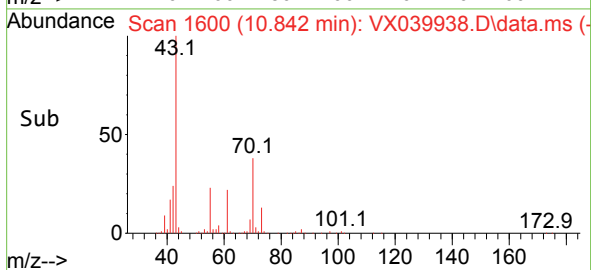
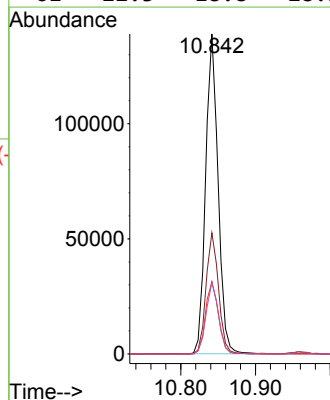
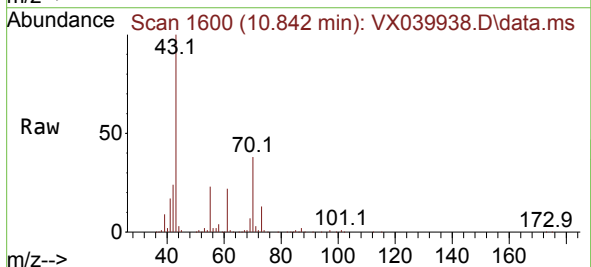
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

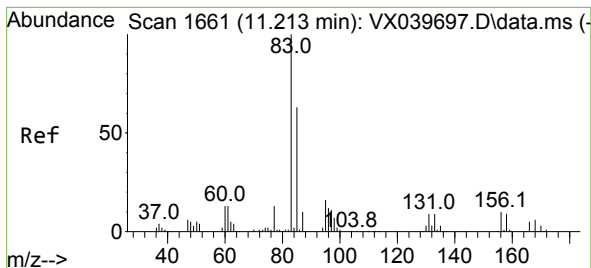
Tgt Ion:105 Resp: 304572
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.6



#74
N-ethyl acetate
Concen: 53.500 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion: 43 Resp: 160306
Ion Ratio Lower Upper
43 100
70 38.0 32.9 49.3
55 23.6 19.3 28.9
61 22.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.853 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

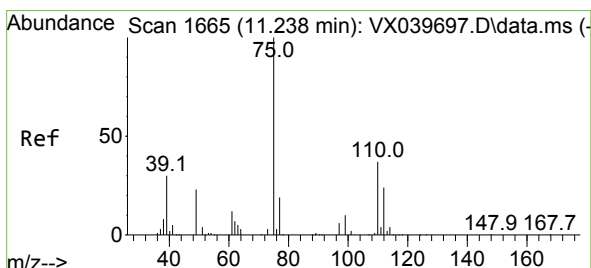
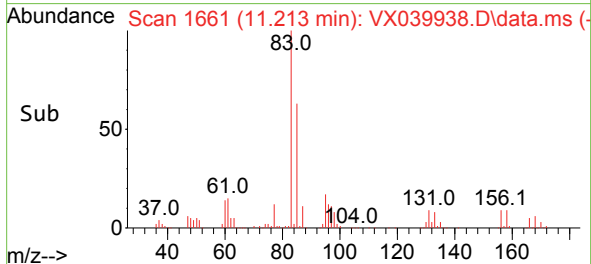
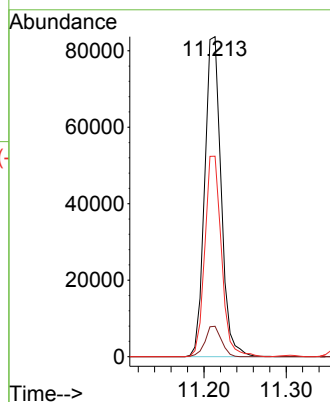
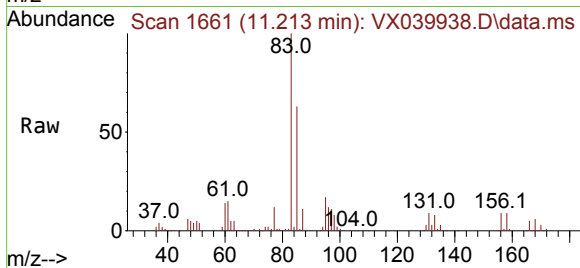
Tgt Ion: 83 Resp: 116016

Ion Ratio Lower Upper

83 100

131 9.4 5.3 15.8

85 63.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 67.944 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039938.D

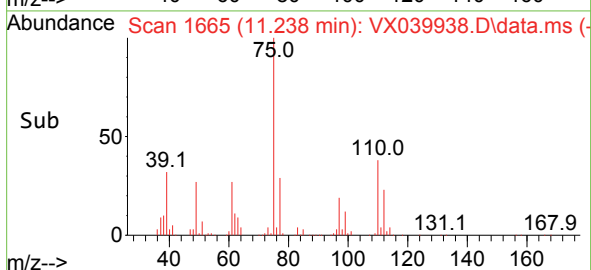
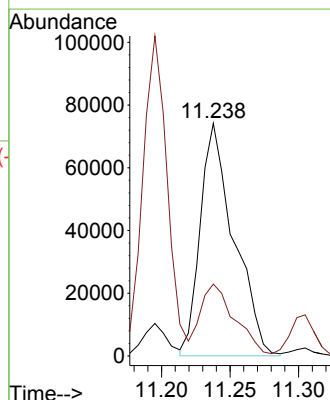
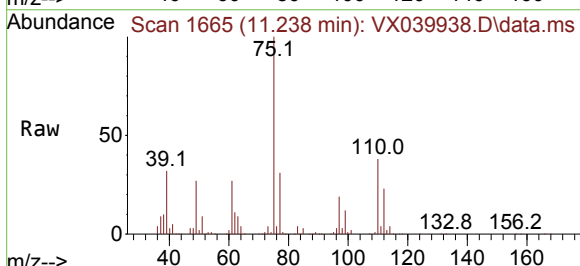
Acq: 24 Jan 2024 15:45

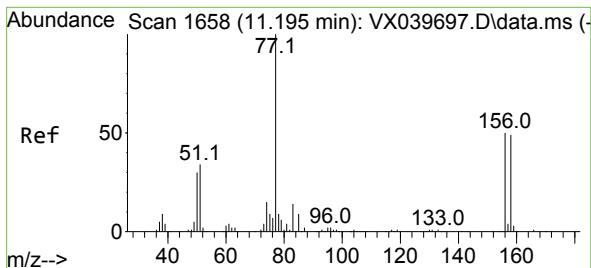
Tgt Ion: 75 Resp: 127183

Ion Ratio Lower Upper

75 100

77 31.7 19.1 57.5





#77

Bromobenzene

Concen: 52.630 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

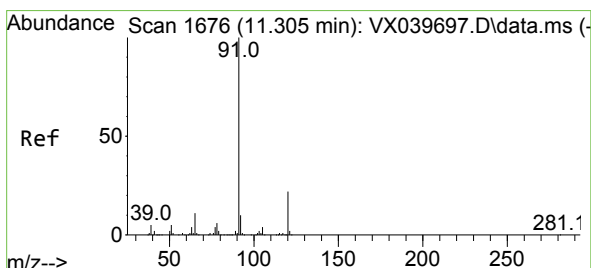
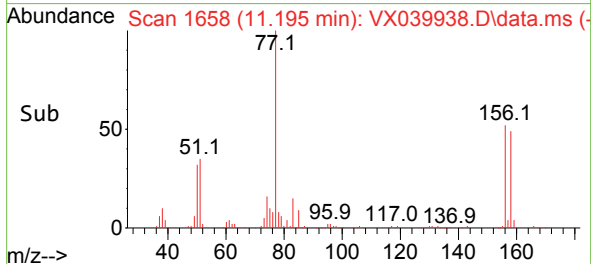
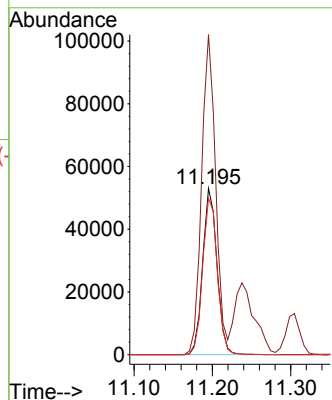
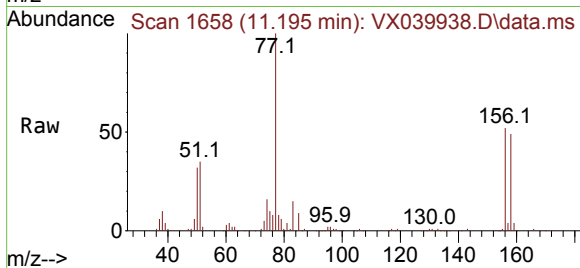
Tgt Ion:156 Resp: 67361

Ion Ratio Lower Upper

156 100

77 188.6 88.4 265.3

158 95.5 48.0 144.0



#78

n-propylbenzene

Concen: 53.924 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039938.D

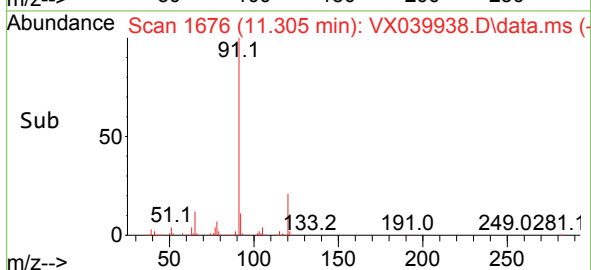
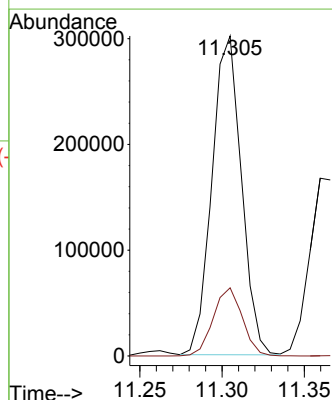
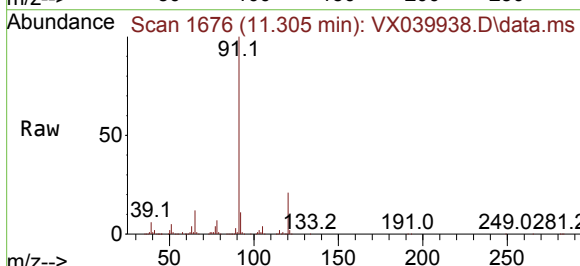
Acq: 24 Jan 2024 15:45

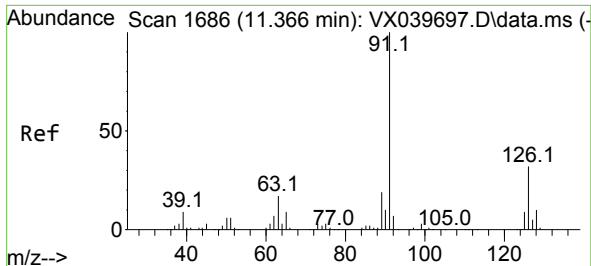
Tgt Ion: 91 Resp: 375173

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4

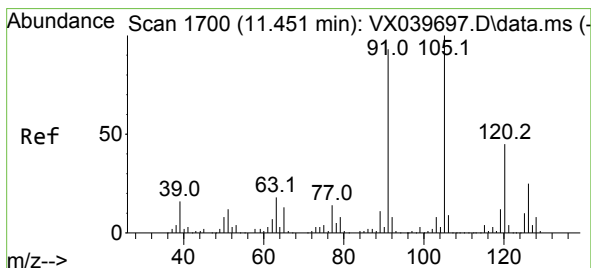
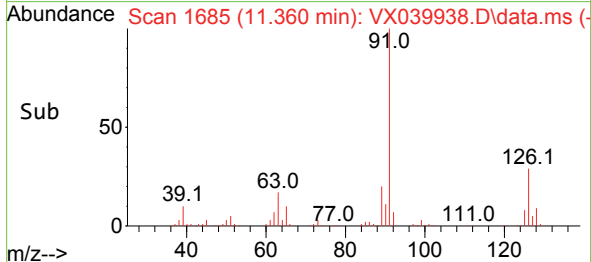
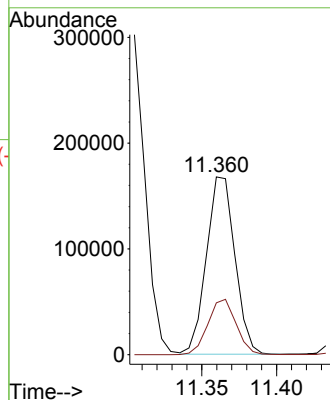
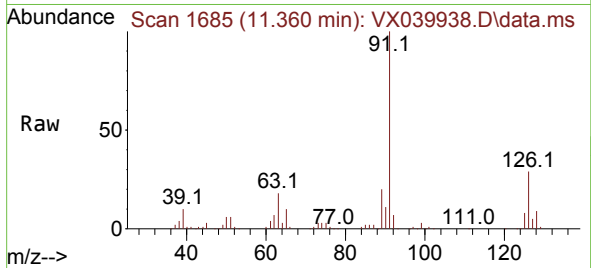




#79
2-Chlorotoluene
Concen: 51.733 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

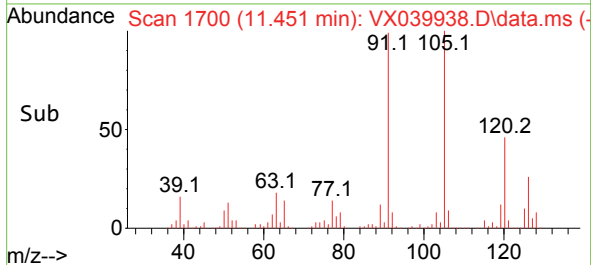
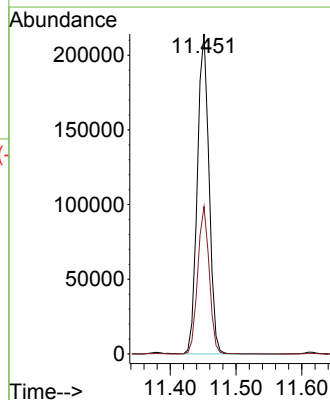
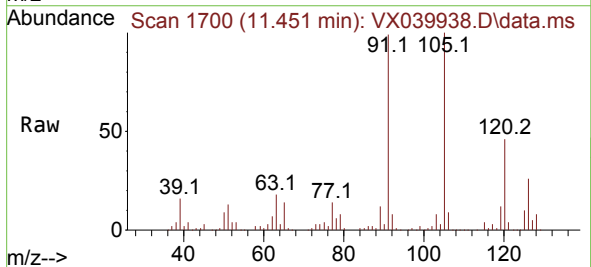
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

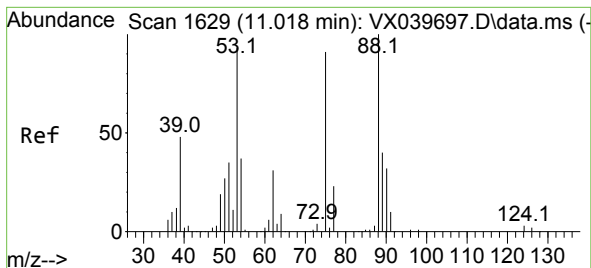
Tgt Ion: 91 Resp: 222456
Ion Ratio Lower Upper
91 100
126 31.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 54.068 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion:105 Resp: 263970
Ion Ratio Lower Upper
105 100
120 45.4 24.1 72.3

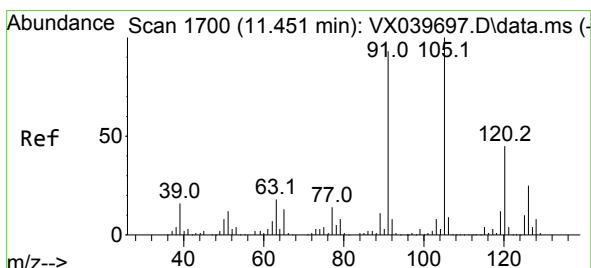
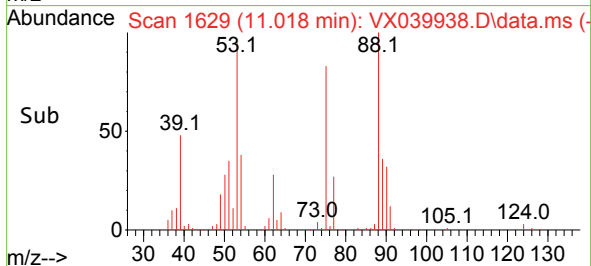
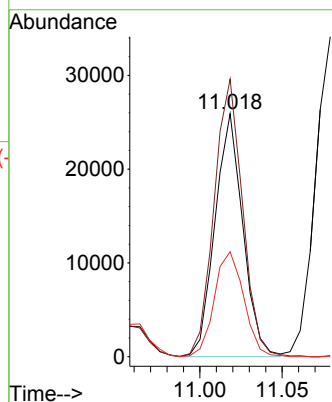
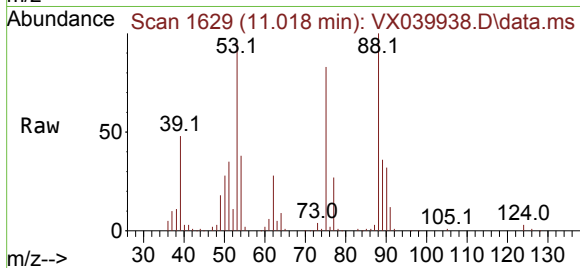




#81
trans-1,4-Dichloro-2-butene
Concen: 48.824 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

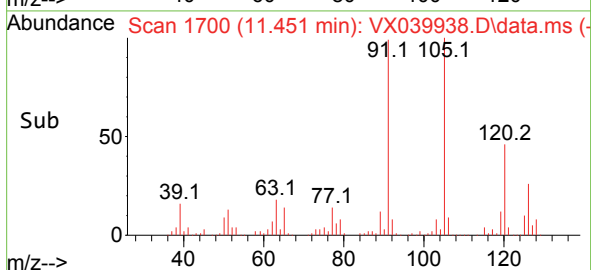
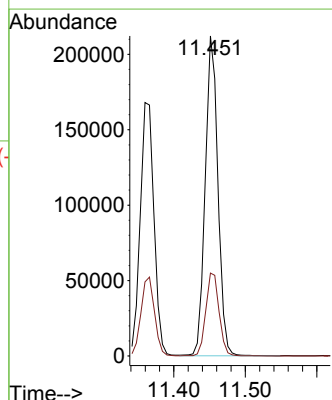
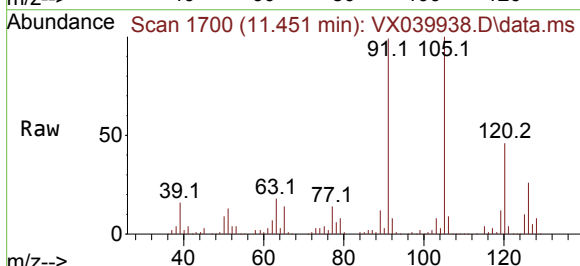
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-10-13MSD

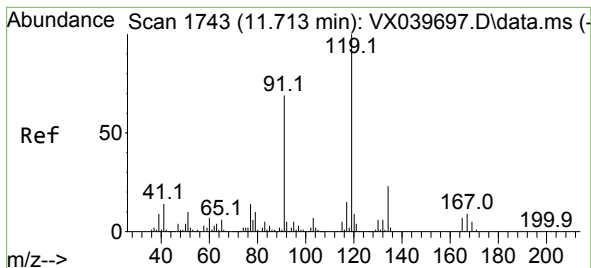
Tgt Ion: 75 Resp: 30529
Ion Ratio Lower Upper
75 100
53 116.5 90.5 135.7
89 45.6 36.9 55.3



#82
4-Chlorotoluene
Concen: 53.697 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039938.D
Acq: 24 Jan 2024 15:45

Tgt Ion: 91 Resp: 261910
Ion Ratio Lower Upper
91 100
126 27.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 53.752 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

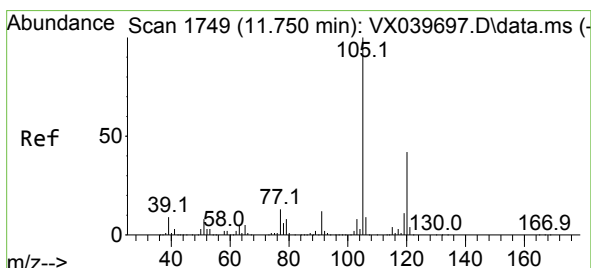
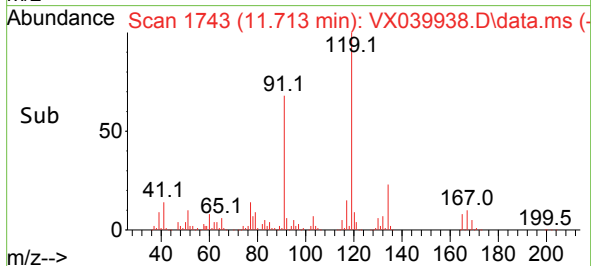
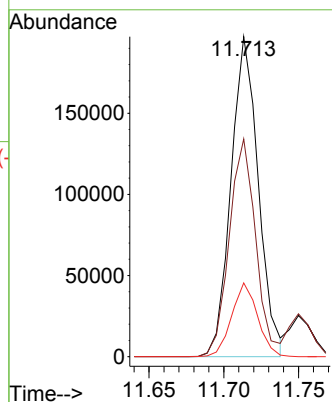
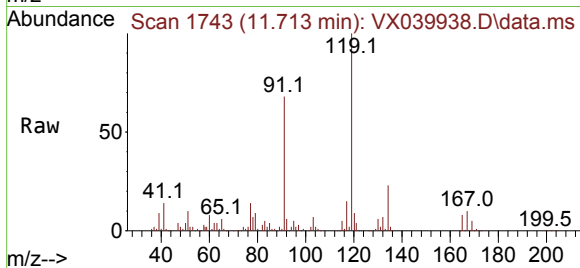
Tgt Ion:119 Resp: 250544

Ion Ratio Lower Upper

119 100

91 66.1 31.2 93.6

134 21.9 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 54.515 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039938.D

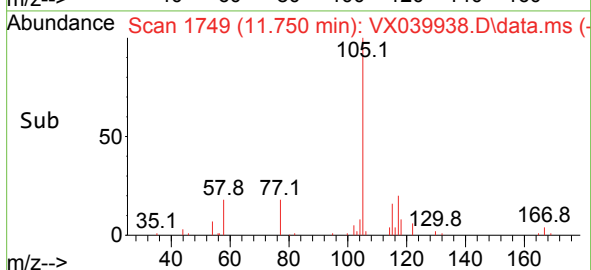
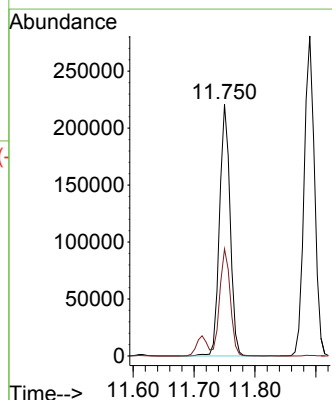
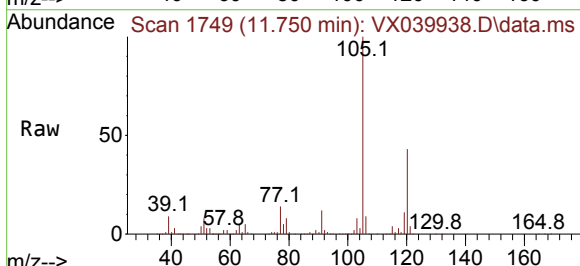
Acq: 24 Jan 2024 15:45

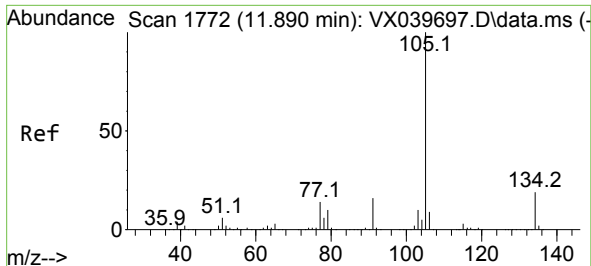
Tgt Ion:105 Resp: 265530

Ion Ratio Lower Upper

105 100

120 42.6 21.2 63.6

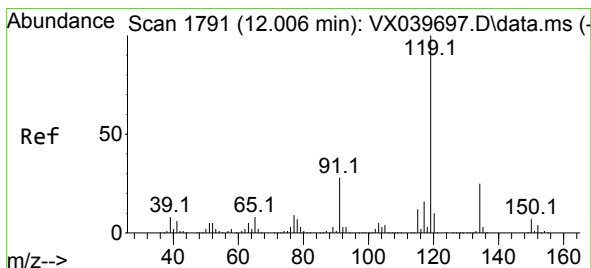
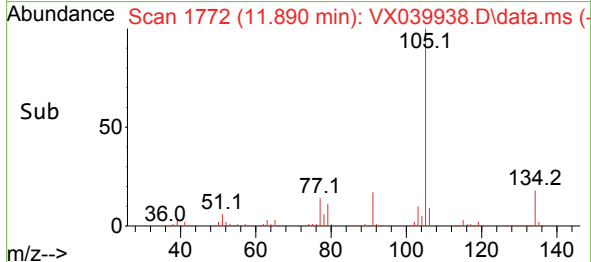
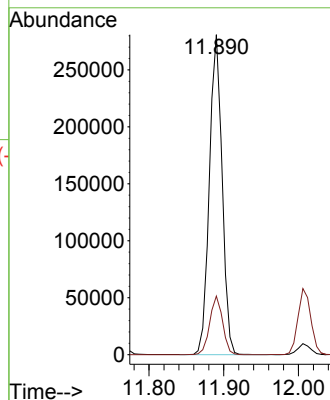
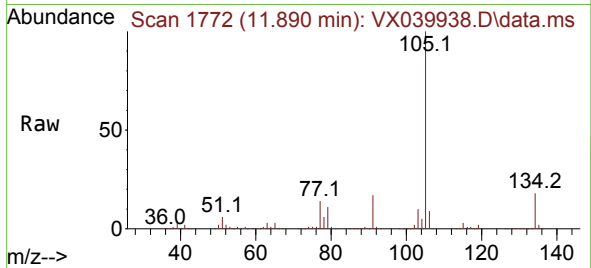




#85
 sec-Butylbenzene
 Concen: 54.904 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039938.D
 Acq: 24 Jan 2024 15:45

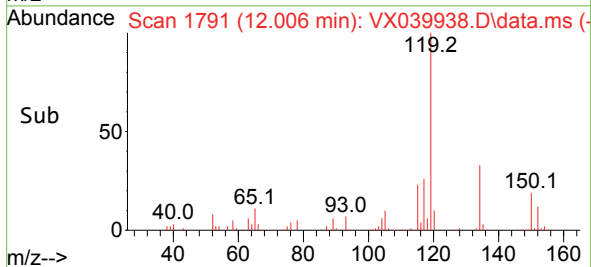
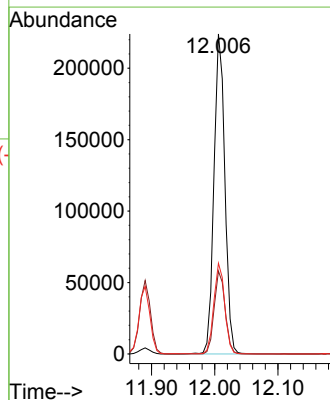
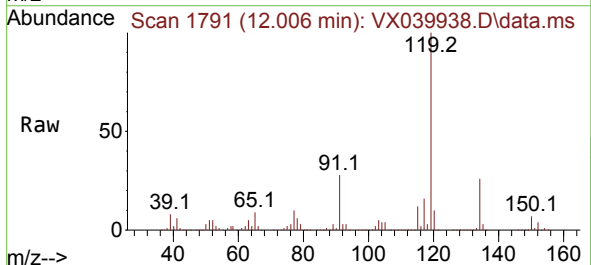
Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-2-10-13MSD

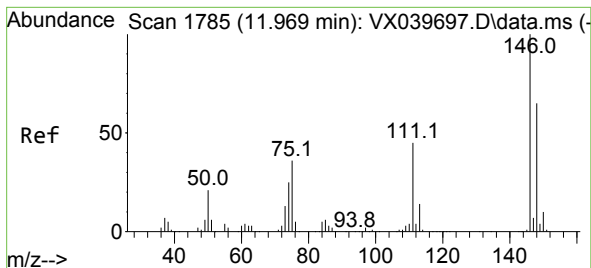
Tgt Ion:105 Resp: 332203
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 55.547 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039938.D
 Acq: 24 Jan 2024 15:45

Tgt Ion:119 Resp: 268613
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 28.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 54.012 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

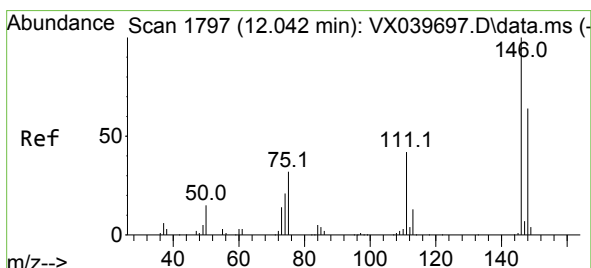
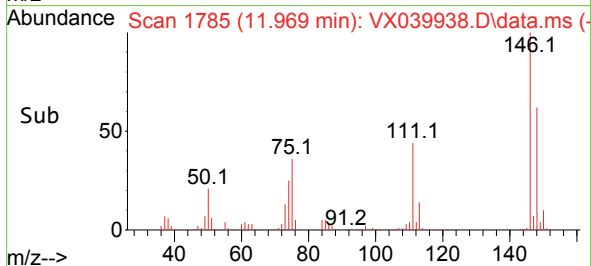
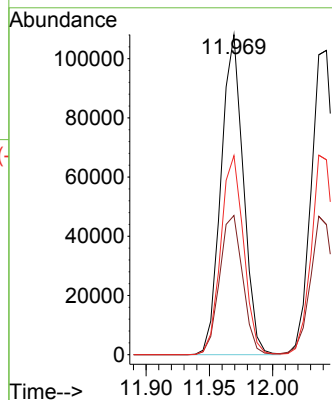
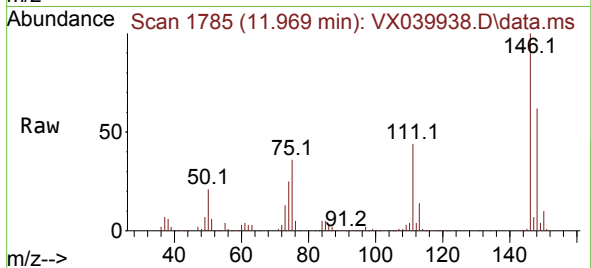
Tgt Ion:146 Resp: 132514

Ion Ratio Lower Upper

146 100

111 45.2 22.1 66.1

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 53.240 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

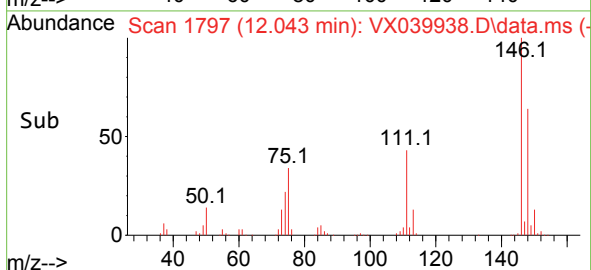
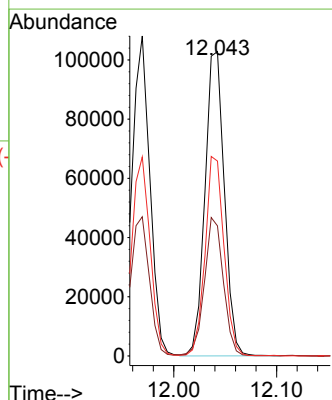
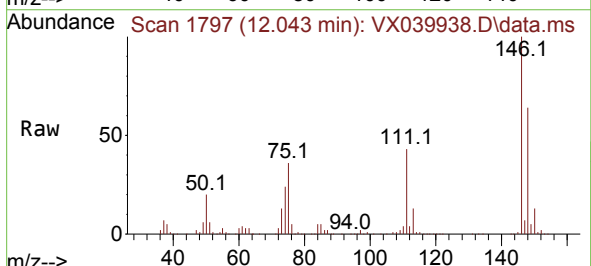
Tgt Ion:146 Resp: 134908

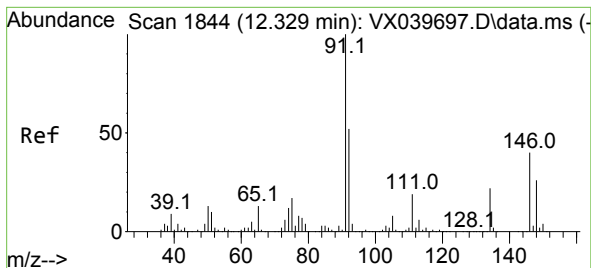
Ion Ratio Lower Upper

146 100

111 44.5 21.3 63.7

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 57.489 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

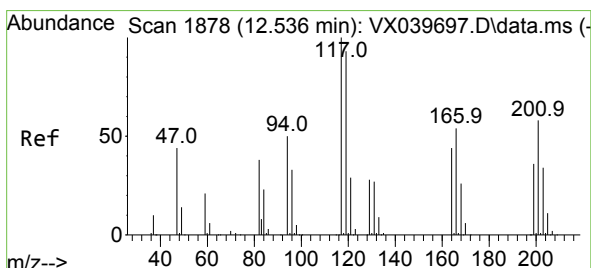
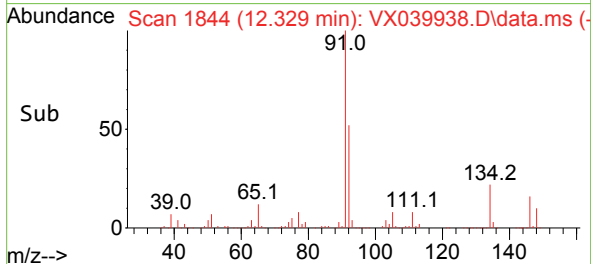
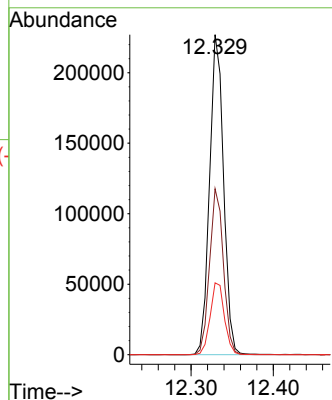
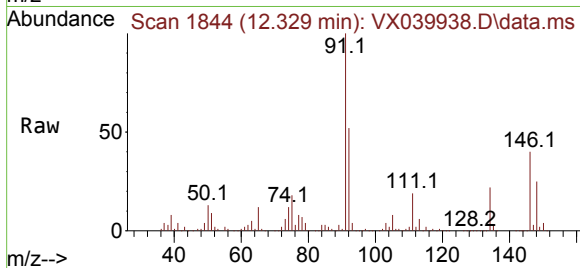
Tgt Ion: 91 Resp: 268510

Ion Ratio Lower Upper

91 100

92 51.4 27.4 82.0

134 22.9 12.6 37.8



#90

Hexachloroethane

Concen: 55.737 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039938.D

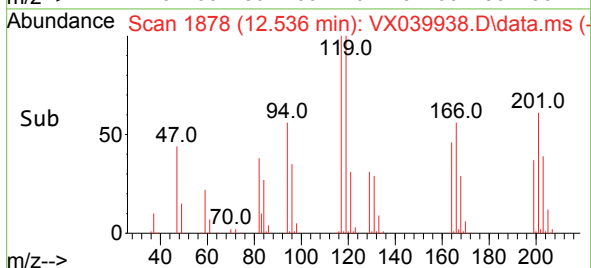
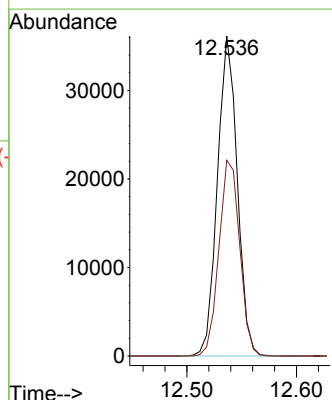
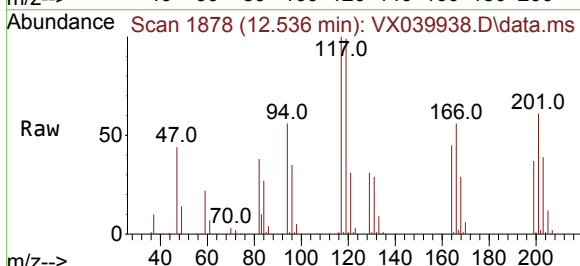
Acq: 24 Jan 2024 15:45

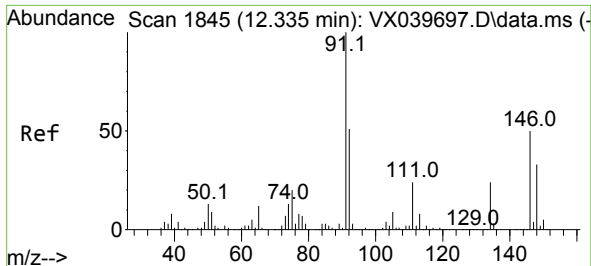
Tgt Ion: 117 Resp: 45471

Ion Ratio Lower Upper

117 100

201 64.1 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 53.499 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

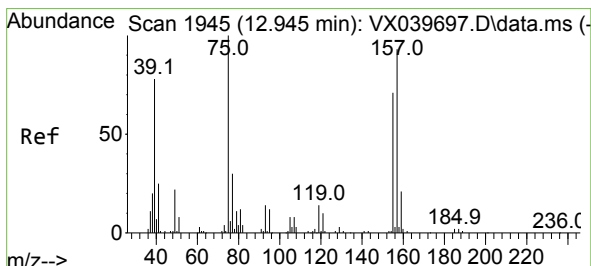
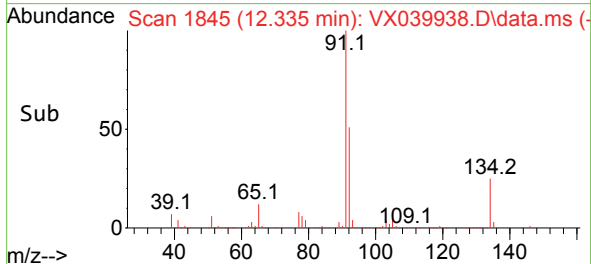
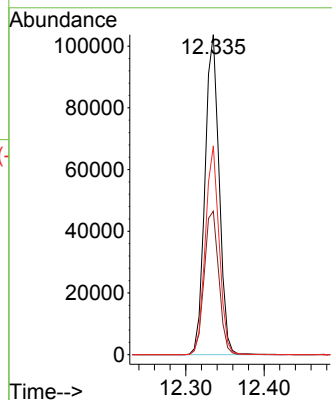
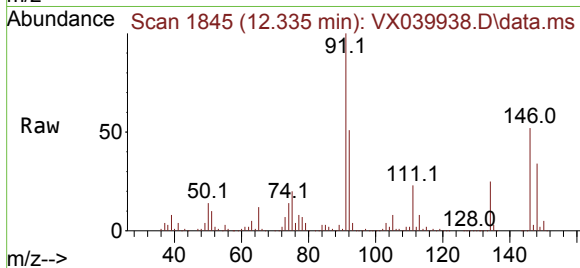
Tgt Ion:146 Resp: 129762

Ion Ratio Lower Upper

146 100

111 46.6 22.4 67.0

148 63.6 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.226 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

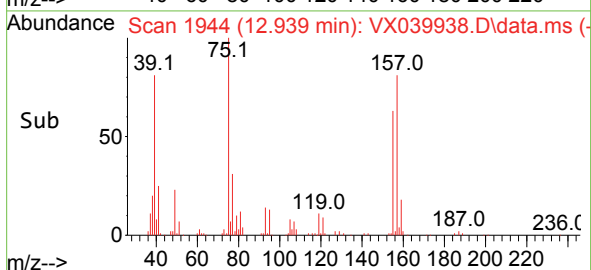
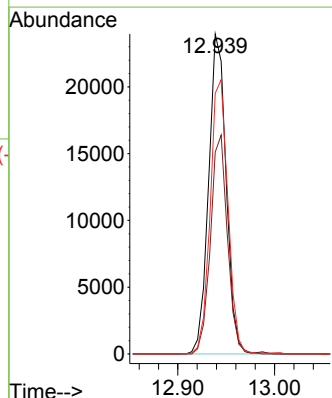
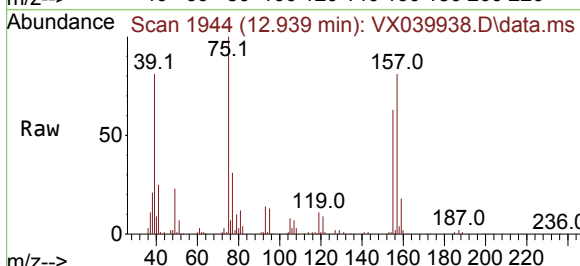
Tgt Ion: 75 Resp: 30243

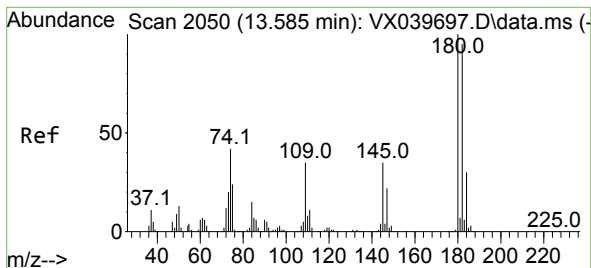
Ion Ratio Lower Upper

75 100

155 66.2 36.1 108.5

157 86.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 53.583 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

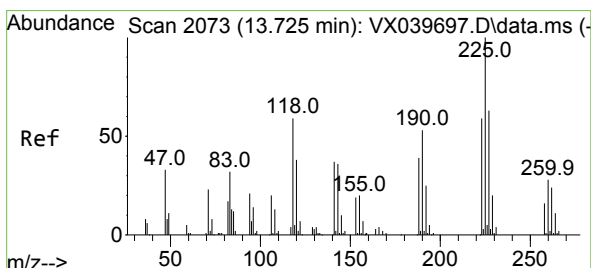
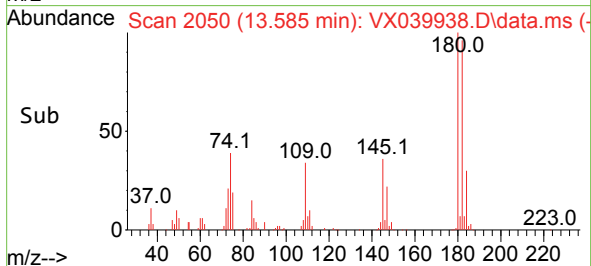
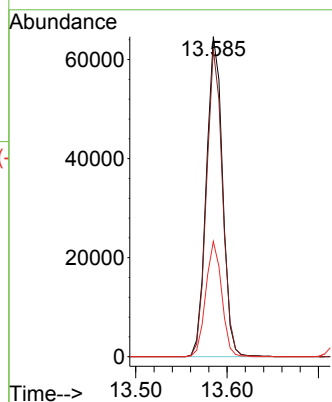
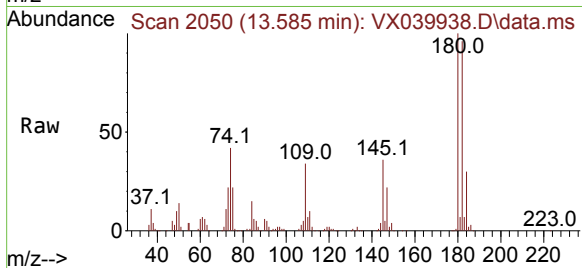
Tgt Ion:180 Resp: 79424

Ion Ratio Lower Upper

180 100

182 94.7 48.3 144.8

145 35.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 56.197 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

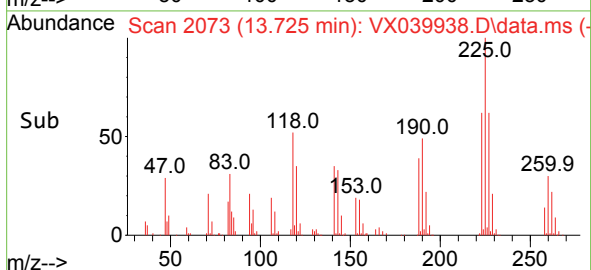
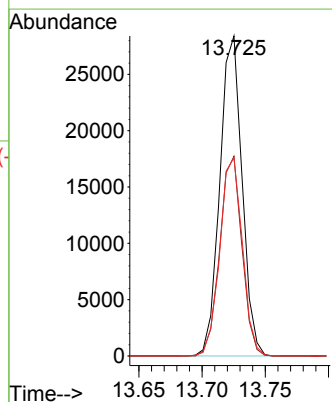
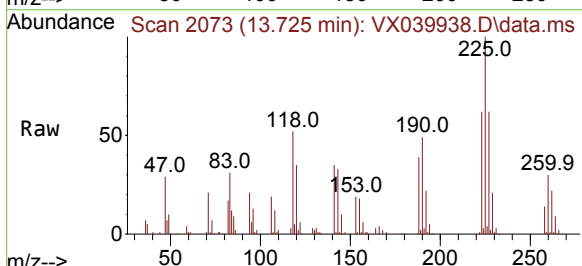
Tgt Ion:225 Resp: 34627

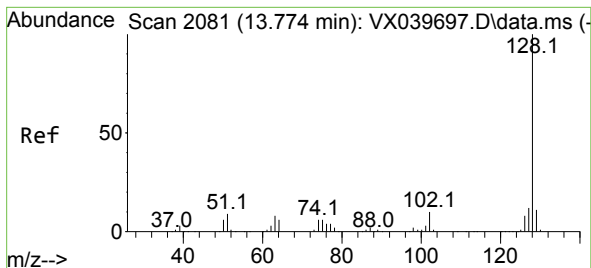
Ion Ratio Lower Upper

225 100

223 62.1 31.1 93.2

227 62.9 32.5 97.5





#95

Naphthalene

Concen: 53.684 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-10-13MSD

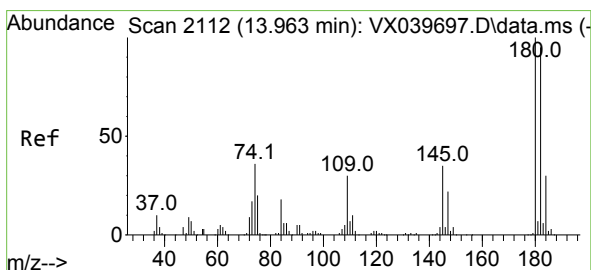
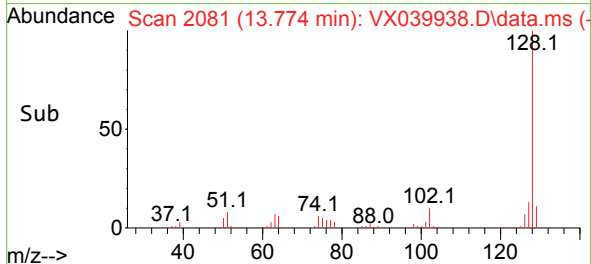
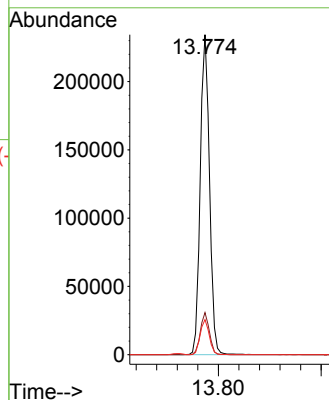
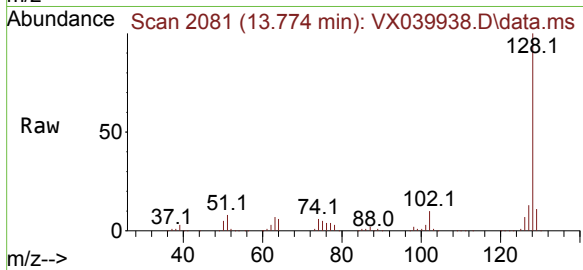
Tgt Ion:128 Resp: 292937

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.658 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039938.D

Acq: 24 Jan 2024 15:45

Tgt Ion:180 Resp: 78775

Ion Ratio Lower Upper

180 100

182 95.4 46.9 140.6

145 36.5 17.8 53.5

