

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039940.D
 Acq On : 24 Jan 2024 16:30
 Operator : JC/MD
 Sample : P1237-11MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-2-37-40MSD

Quant Time: Jan 25 01:42:20 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	78400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71123	54.155	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.320%	
35) Dibromofluoromethane	5.379	113	49589	51.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.080%	
50) Toluene-d8	8.647	98	176070	48.052	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.100%	
62) 4-Bromofluorobenzene	11.079	95	75334	52.576	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	45939	45.288	ug/l	96
3) Chloromethane	1.294	50	57417	49.564	ug/l	100
4) Vinyl Chloride	1.374	62	53574	49.004	ug/l	98
5) Bromomethane	1.599	94	39752	63.726	ug/l	95
6) Chloroethane	1.685	64	34116	54.893	ug/l	99
7) Trichlorofluoromethane	1.886	101	78910	50.035	ug/l	100
8) Diethyl Ether	2.136	74	32679	56.071	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	41298	42.238	ug/l	98
10) Methyl Iodide	2.453	142	60540	58.693	ug/l	96
11) Tert butyl alcohol	2.959	59	89146	260.761	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	47354	50.184	ug/l	98
13) Acrolein	2.233	56	53166	253.028	ug/l	98
14) Allyl chloride	2.666	41	84276	45.378	ug/l	97
15) Acrylonitrile	3.062	53	184667	261.502	ug/l	99
16) Acetone	2.374	43	159856	216.431	ug/l	98
17) Carbon Disulfide	2.514	76	125886	46.416	ug/l	97
18) Methyl Acetate	2.697	43	95059	61.518	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	188958	56.406	ug/l	98
20) Methylene Chloride	2.788	84	59063	52.867	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	53609	53.987	ug/l	100
22) Diisopropyl ether	3.757	45	198372	55.971	ug/l	99
23) Vinyl Acetate	3.721	43	955120	289.914	ug/l	100
24) 1,1-Dichloroethane	3.611	63	106119	54.426	ug/l	99
25) 2-Butanone	4.550	43	275716	259.762	ug/l	99
26) 2,2-Dichloropropane	4.477	77	79116	50.557	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	62937	55.260	ug/l	99
28) Bromochloromethane	4.897	49	49021	55.465	ug/l	97
29) Tetrahydrofuran	4.995	42	186793	273.419	ug/l	99
30) Chloroform	5.086	83	186817	97.058	ug/l	99
31) Cyclohexane	5.471	56	77016	44.434	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	91979	55.818	ug/l	97
36) 1,1-Dichloropropene	5.690	75	76363	50.497	ug/l	100
37) Ethyl Acetate	4.708	43	107959	53.513	ug/l	99
38) Carbon Tetrachloride	5.678	117	71726	51.787	ug/l	100
39) Methylcyclohexane	7.379	83	73299	40.365	ug/l	96
40) Benzene	6.037	78	229119	53.507	ug/l	100

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Quant Time: Jan 25 01:42:20 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	57898	58.688	ug/l	97
42) 1,2-Dichloroethane	6.086	62	100343	61.637	ug/l	98
43) Isopropyl Acetate	6.336	43	170687	57.675	ug/l	98
44) Trichloroethene	7.123	130	57581	54.868	ug/l	95
45) 1,2-Dichloropropane	7.428	63	63212	55.029	ug/l	98
46) Dibromomethane	7.580	93	46461	58.559	ug/l	96
47) Bromodichloromethane	7.818	83	85280	58.036	ug/l	98
48) Methyl methacrylate	7.690	41	84881	58.350	ug/l	94
49) 1,4-Dioxane	7.659	88	25799	916.566	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	578306	283.732	ug/l	98
52) Toluene	8.714	92	144059	56.325	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	95971	61.550	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	99110	57.807	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	63258	58.092	ug/l	96
56) Ethyl methacrylate	9.116	69	106648	60.513	ug/l	94
57) 1,3-Dichloropropane	9.305	76	106194	57.546	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	215649	258.868	ug/l	96
59) 2-Hexanone	9.427	43	469306	290.928	ug/l	97
60) Dibromochloromethane	9.519	129	61188	59.584	ug/l	100
61) 1,2-Dibromoethane	9.610	107	68307	60.574	ug/l	100
64) Tetrachloroethene	9.269	164	45524	51.187	ug/l	92
65) Chlorobenzene	10.079	112	154864	54.368	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	56861	58.625	ug/l	98
67) Ethyl Benzene	10.195	91	286012	54.084	ug/l	97
68) m/p-Xylenes	10.299	106	211487	108.741	ug/l	94
69) o-Xylene	10.640	106	103845	53.916	ug/l	93
70) Styrene	10.653	104	178275	56.662	ug/l	97
71) Bromoform	10.799	173	41651	57.190	ug/l #	99
73) Isopropylbenzene	10.963	105	272141	47.754	ug/l	99
74) N-amyl acetate	10.842	43	160822	54.139	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	110447	50.753	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	121469	65.455	ug/l	90
77) Bromobenzene	11.195	156	64414	50.765	ug/l	94
78) n-propylbenzene	11.305	91	335672	48.665	ug/l	97
79) 2-Chlorotoluene	11.360	91	204509	47.972	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	239228	49.426	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	28103	45.660	ug/l	97
82) 4-Chlorotoluene	11.451	91	244479	50.559	ug/l	97
83) tert-Butylbenzene	11.713	119	224347	48.550	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	244832	50.702	ug/l	100
85) sec-Butylbenzene	11.890	105	289306	48.230	ug/l	97
86) p-Isopropyltoluene	12.006	119	237212	49.480	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	125051	51.413	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	124952	49.739	ug/l	98
89) n-Butylbenzene	12.329	91	233159	50.354	ug/l	96
90) Hexachloroethane	12.536	117	38338	47.402	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	121740	50.627	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	28269	53.013	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	76112	51.795	ug/l	99
94) Hexachlorobutadiene	13.725	225	28365	46.434	ug/l	96
95) Naphthalene	13.774	128	282089	52.145	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	75291	50.766	ug/l	99

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SUMOGW-2-37-40MSD

Quant Time: Jan 25 01:42:20 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)
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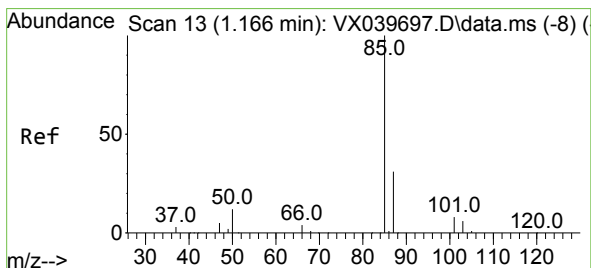
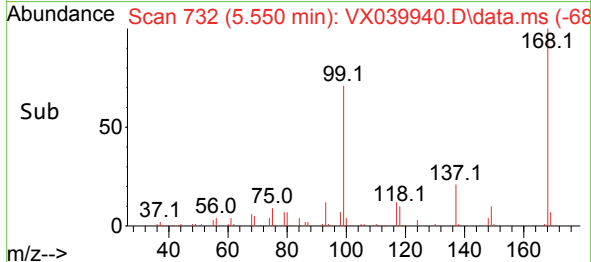
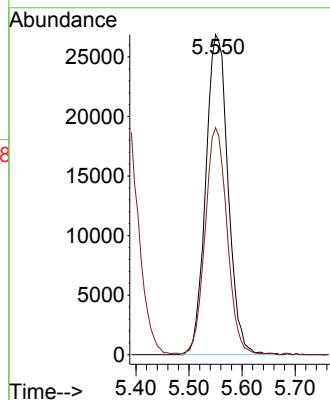
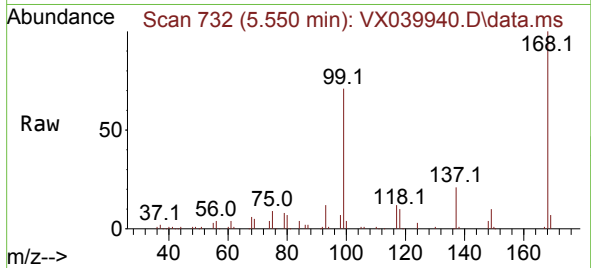
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039940.D
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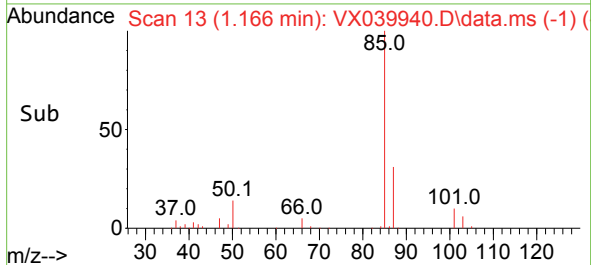
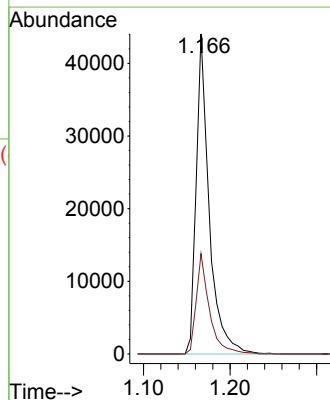
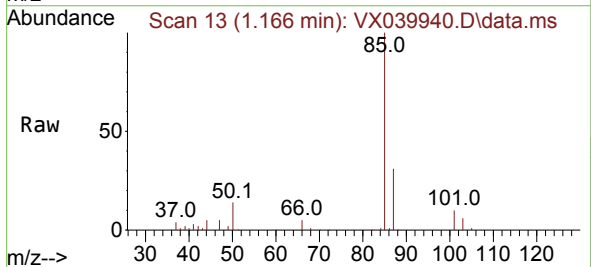
Instrument :
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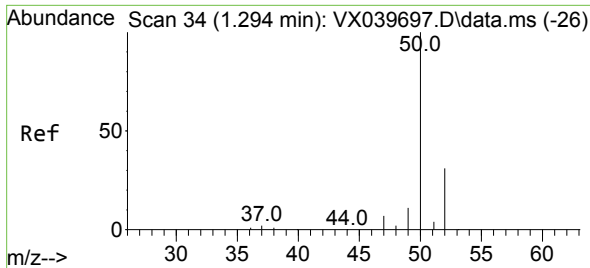
Tgt Ion:168 Resp: 78400
Ion Ratio Lower Upper
168 100
99 70.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 45.288 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 85 Resp: 45939
Ion Ratio Lower Upper
85 100
87 31.4 16.7 50.1

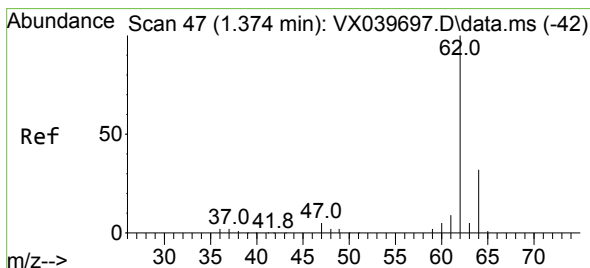
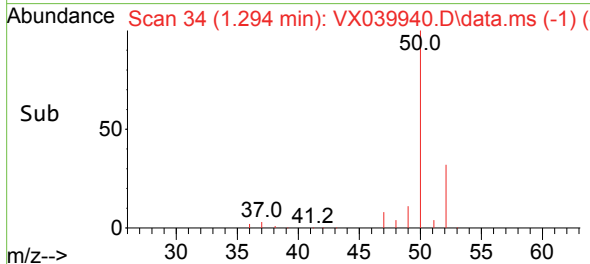
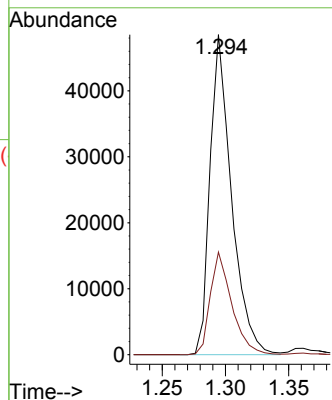
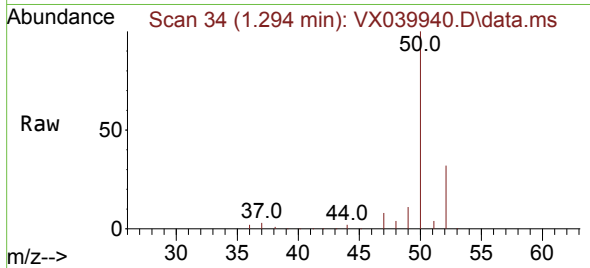




#3
Chloromethane
Concen: 49.564 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

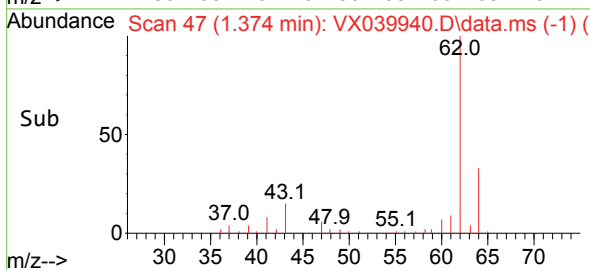
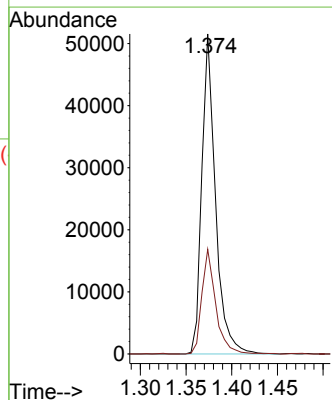
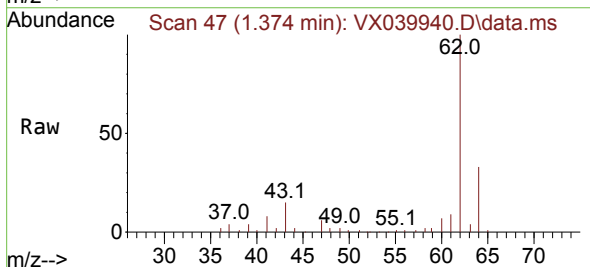
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

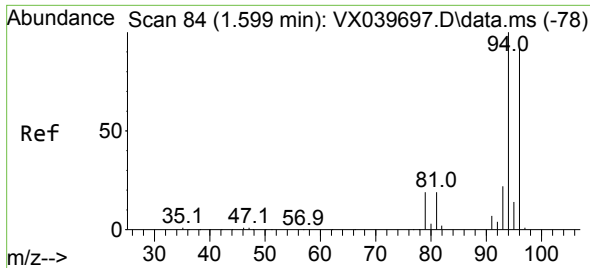
Tgt Ion: 50 Resp: 57417
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3



#4
Vinyl Chloride
Concen: 49.004 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 62 Resp: 53574
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

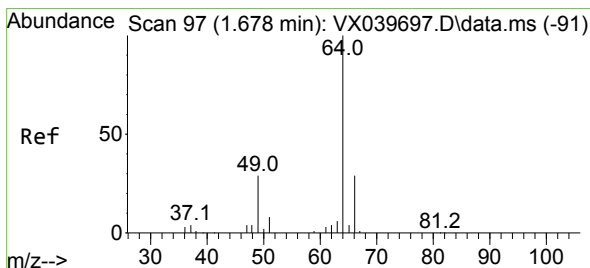
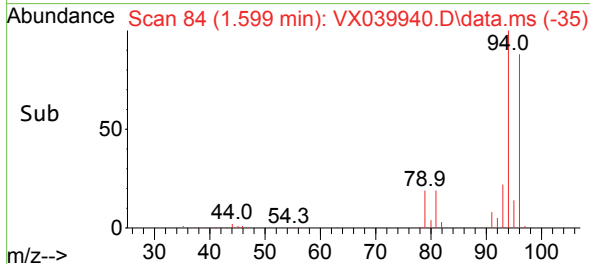
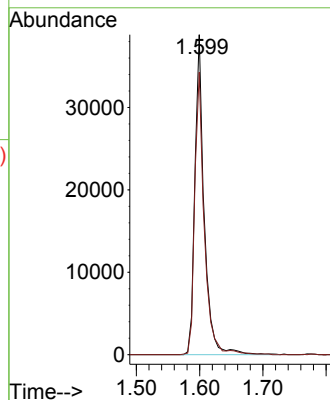
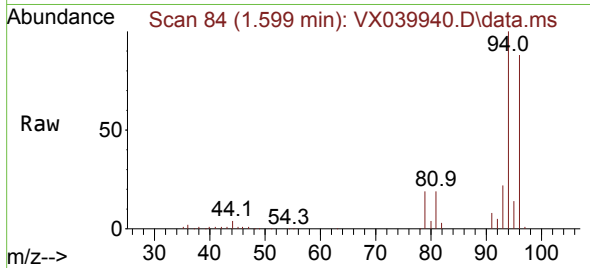




#5
Bromomethane
Concen: 63.726 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

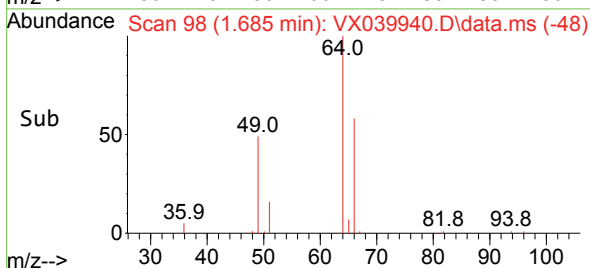
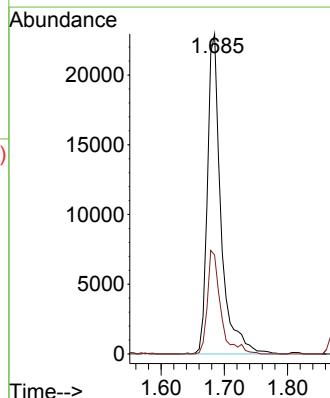
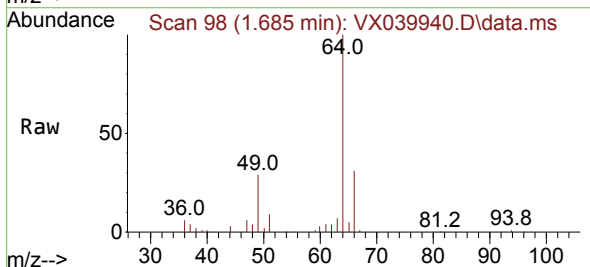
Instrument :
MSVOA_X
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SUMOGW-2-37-40MSD

Tgt Ion: 94 Resp: 39752
Ion Ratio Lower Upper
94 100
96 88.3 74.6 111.8



#6
Chloroethane
Concen: 54.893 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 64 Resp: 34116
Ion Ratio Lower Upper
64 100
66 30.9 25.1 37.7

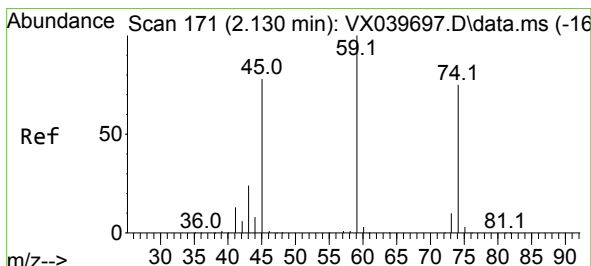
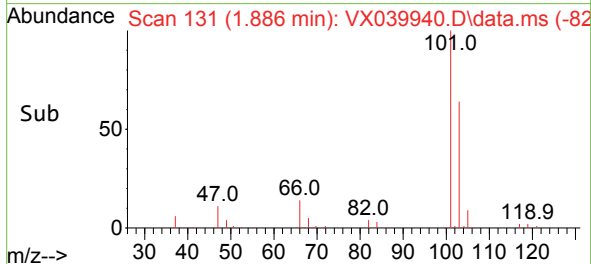
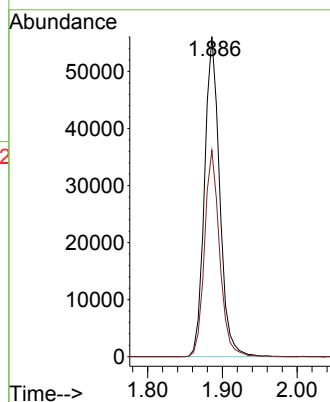
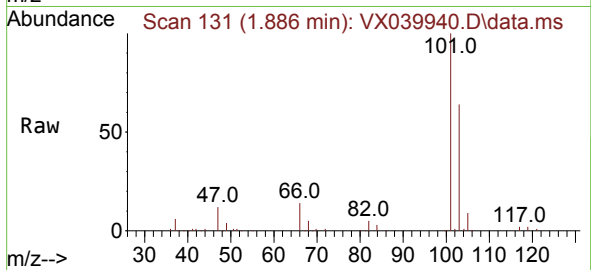




#7
Trichlorofluoromethane
Concen: 50.035 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039940.D
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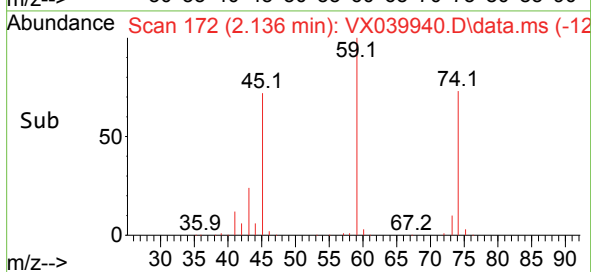
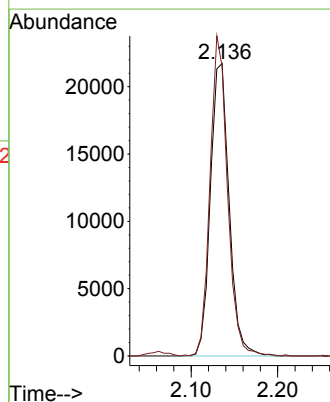
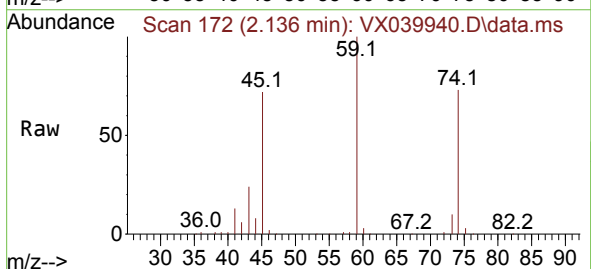
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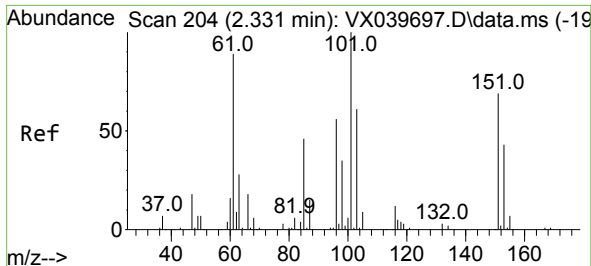
Tgt Ion:101 Resp: 78910
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2



#8
Diethyl Ether
Concen: 56.071 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 74 Resp: 32679
Ion Ratio Lower Upper
74 100
45 102.1 53.3 159.8

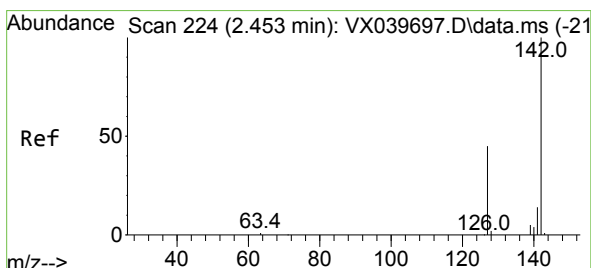
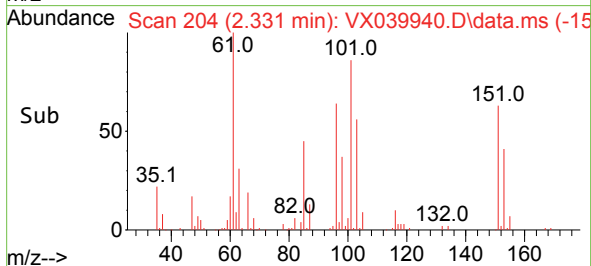
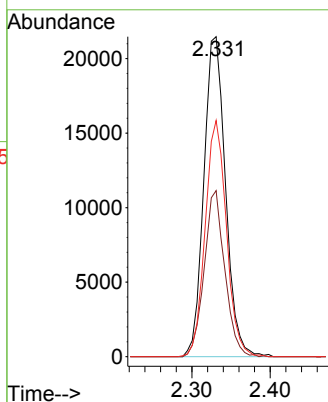
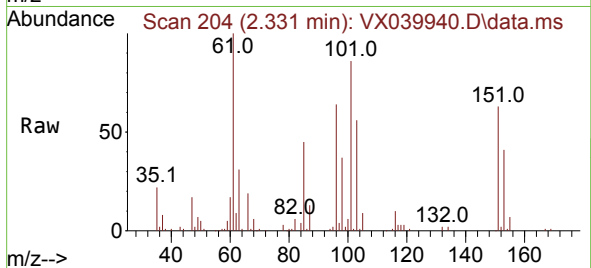




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.238 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039940.D
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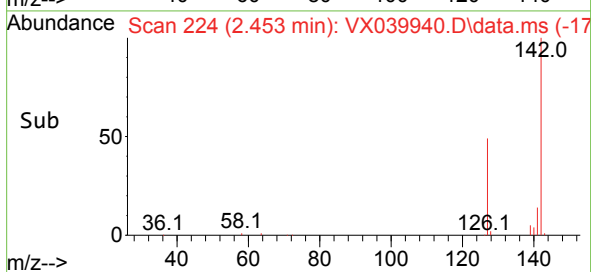
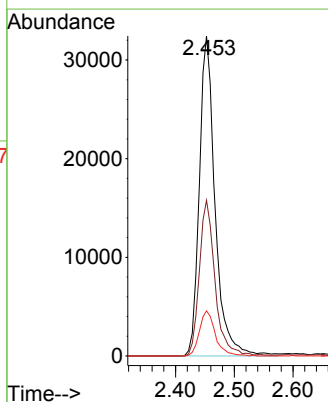
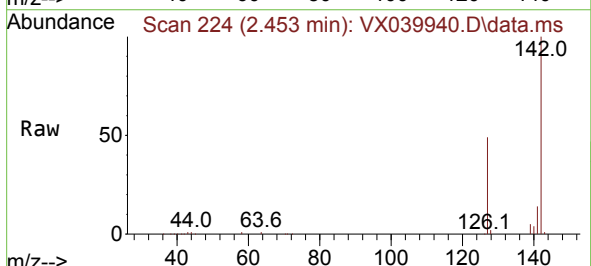
Instrument :
MSVOA_X
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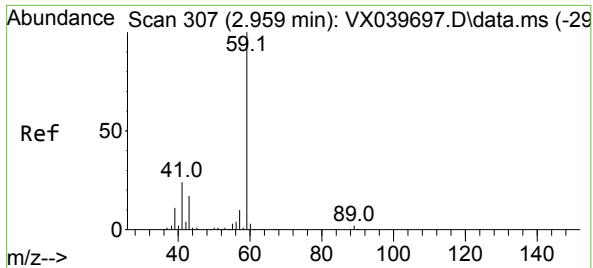
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Ion	Ratio	Lower Upper
101	100	
85	49.3	37.0 55.6
151	72.4	58.6 87.8



#10
Methyl Iodide
Concen: 58.693 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion:142	Resp:	60540
Ion	Ratio	Lower Upper
142	100	
127	48.3	41.6 62.4
141	14.3	11.6 17.4





#11

Tert butyl alcohol

Concen: 260.761 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

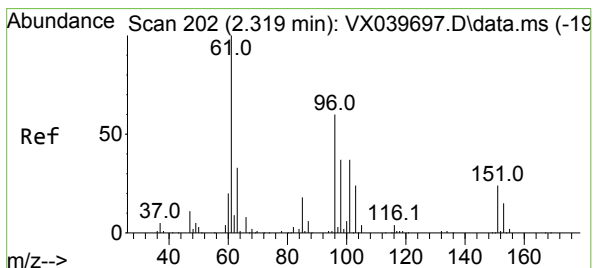
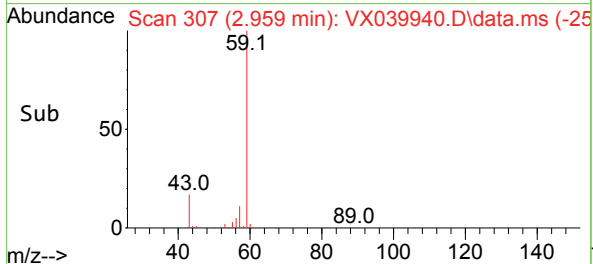
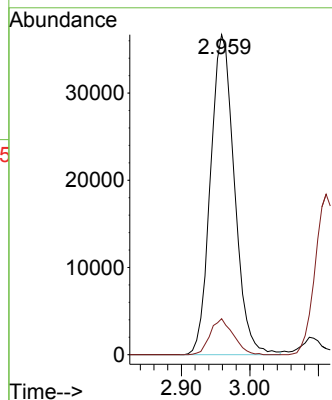
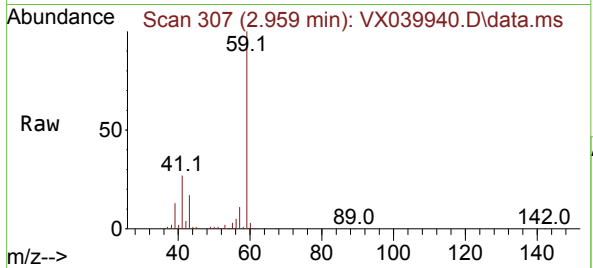
SUMOGW-2-37-40MSD

Tgt Ion: 59 Resp: 89146

Ion Ratio Lower Upper

59 100

57 10.9 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 50.184 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

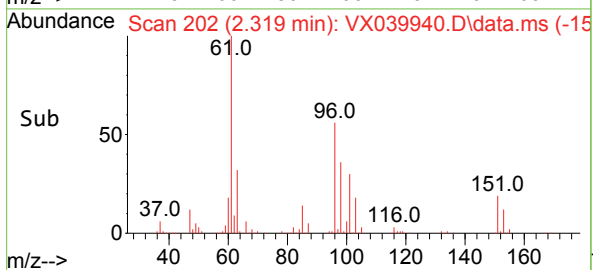
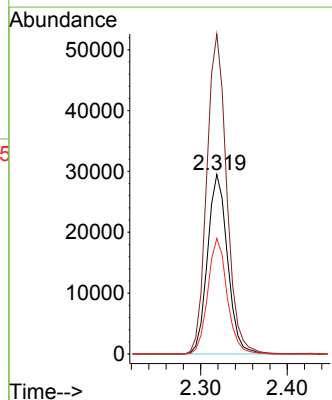
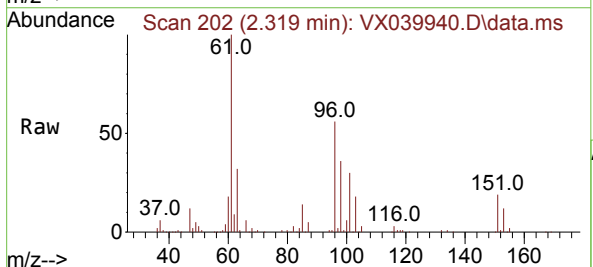
Tgt Ion: 96 Resp: 47354

Ion Ratio Lower Upper

96 100

61 178.3 144.6 216.8

98 64.3 50.4 75.6





#13

Acrolein

Concen: 253.028 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

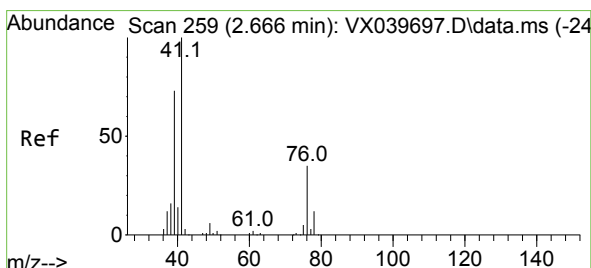
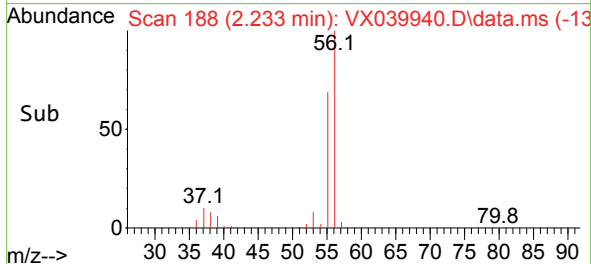
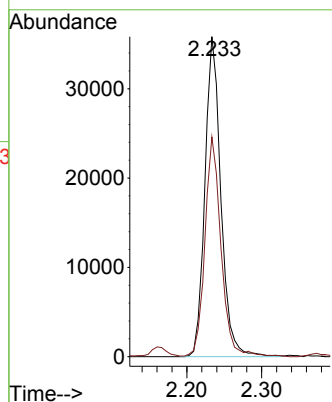
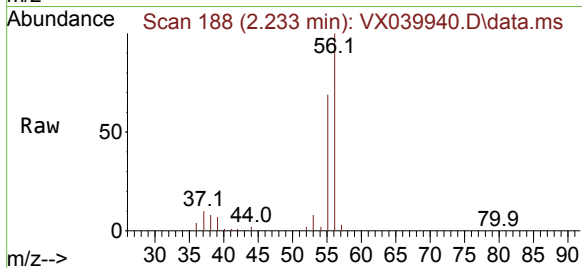
SUMOGW-2-37-40MSD

Tgt Ion: 56 Resp: 53166

Ion Ratio Lower Upper

56 100

55 69.4 57.1 85.7



#14

Allyl chloride

Concen: 45.378 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

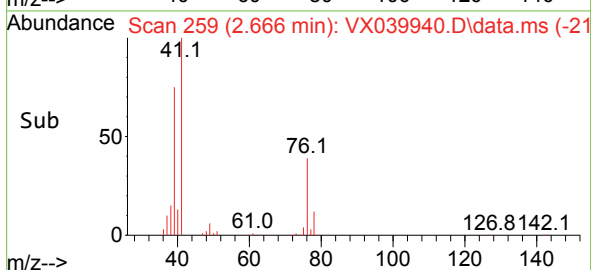
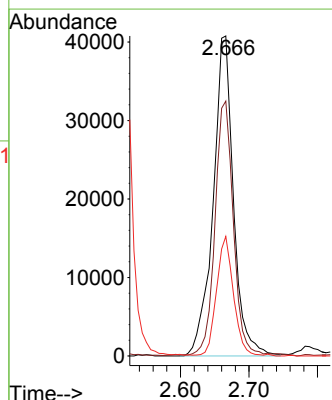
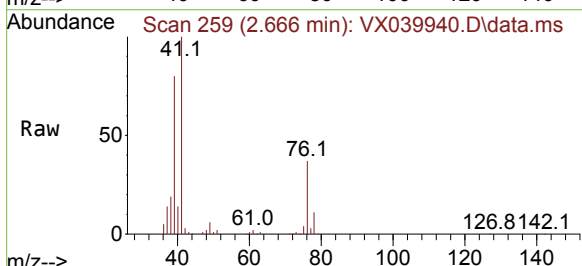
Tgt Ion: 41 Resp: 84276

Ion Ratio Lower Upper

41 100

39 72.3 55.8 83.6

76 31.2 24.3 36.5

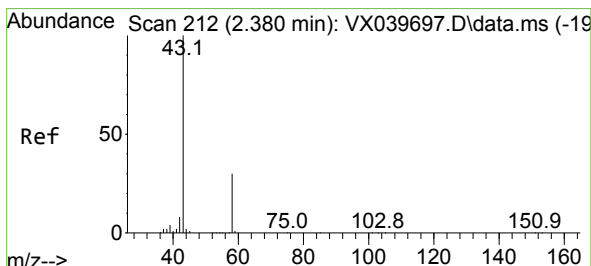
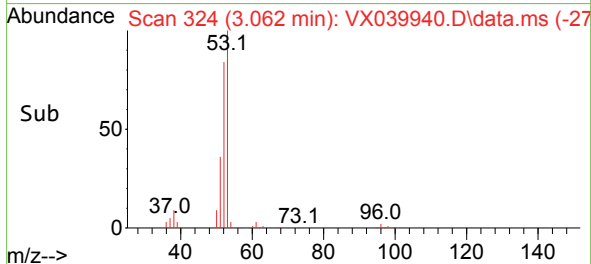
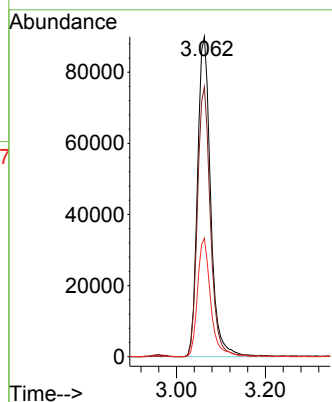
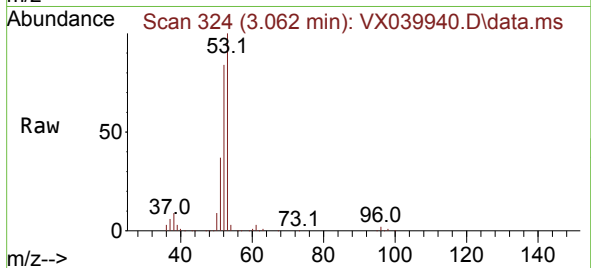




#15
Acrylonitrile
Concen: 261.502 ug/l
RT: 3.062 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

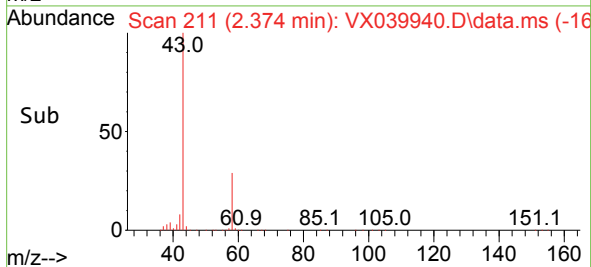
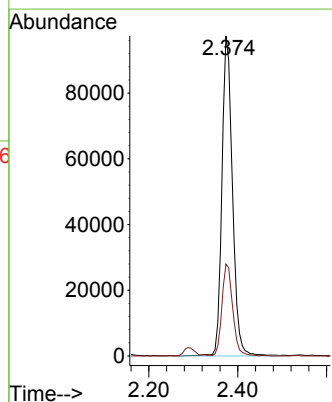
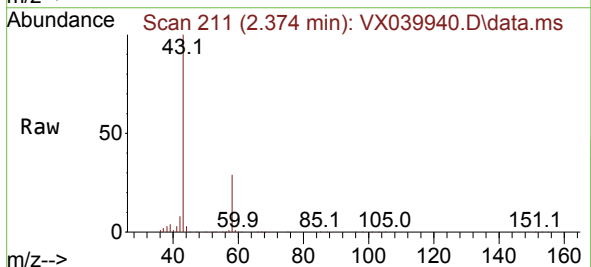
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

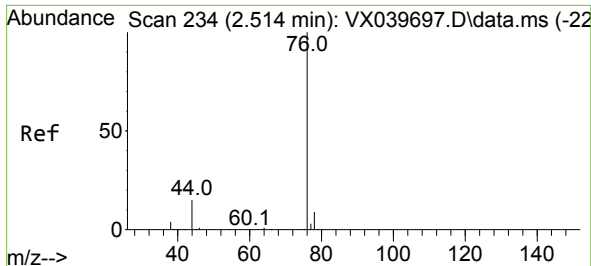
Tgt Ion:	53	Resp:	184667
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.0	99.0
51	36.9	29.8	44.6



#16
Acetone
Concen: 216.431 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion:	43	Resp:	159856
Ion	Ratio	Lower	Upper
43	100		
58	28.7	21.9	32.9

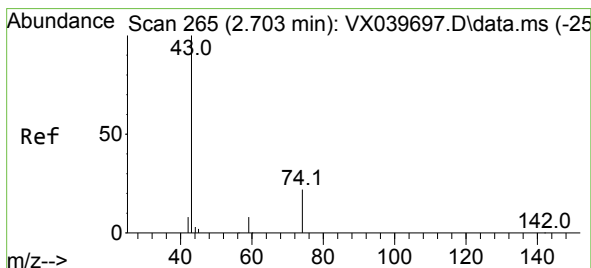
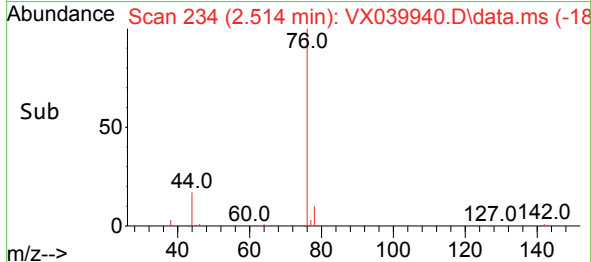
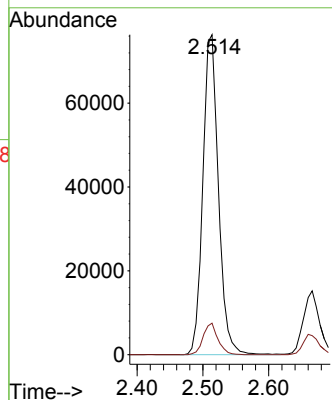
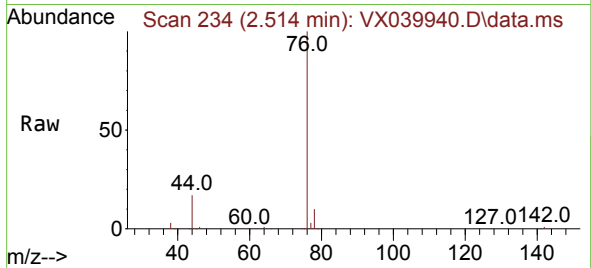




#17
Carbon Disulfide
Concen: 46.416 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

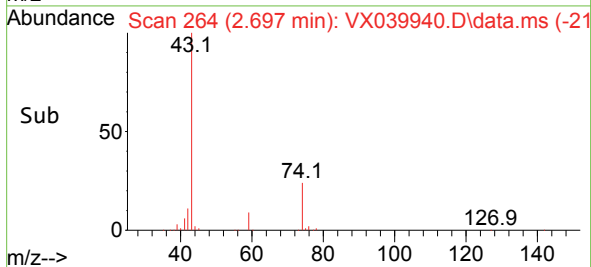
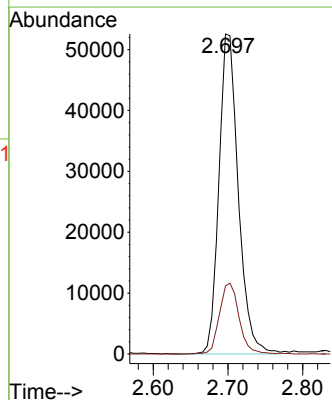
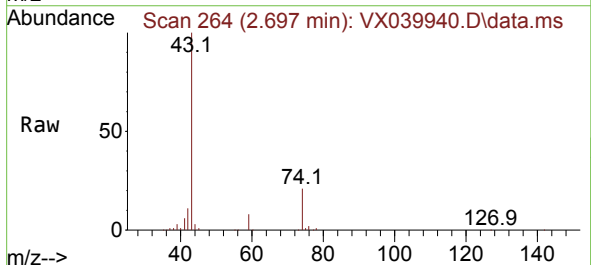
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

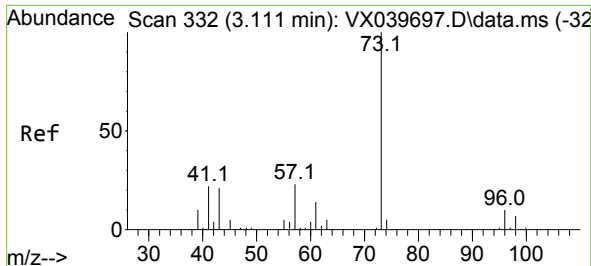
Tgt Ion: 76 Resp: 125886
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



#18
Methyl Acetate
Concen: 61.518 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 43 Resp: 95059
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8

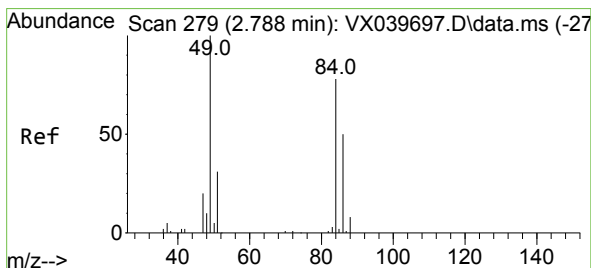
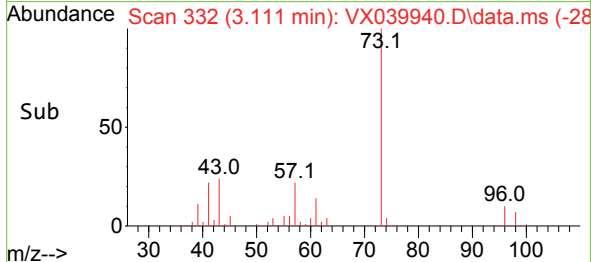
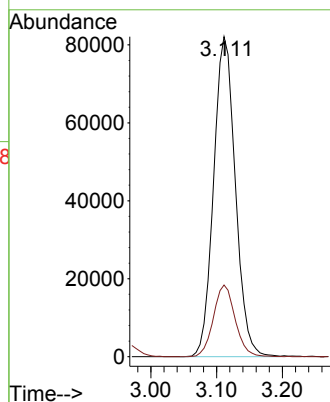
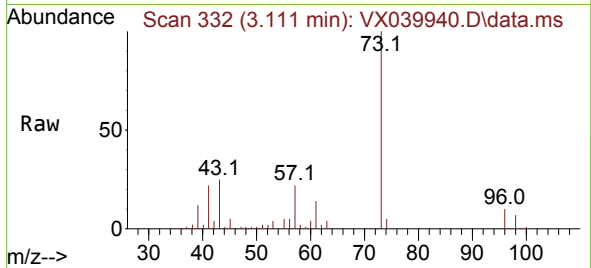




#19
Methyl tert-butyl Ether
Concen: 56.406 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

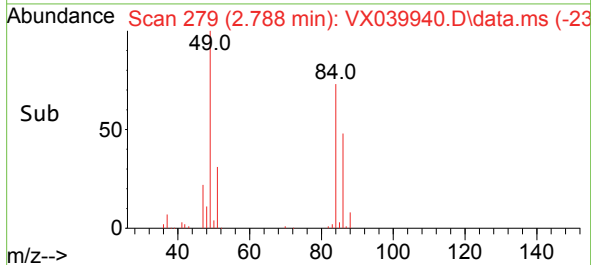
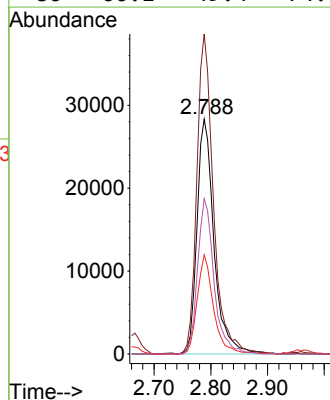
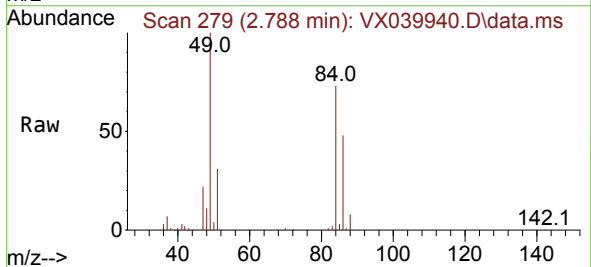
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

Tgt Ion: 73 Resp: 188958
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 52.867 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 84 Resp: 59063
Ion Ratio Lower Upper
84 100
49 136.0 103.6 155.4
51 42.2 33.8 50.6
86 66.1 49.4 74.0

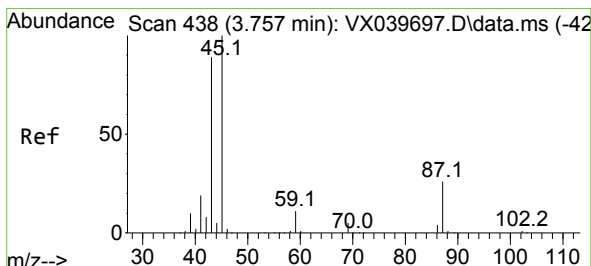
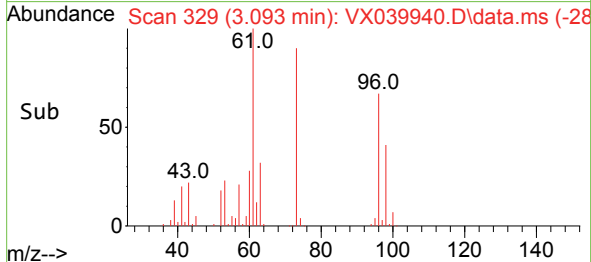
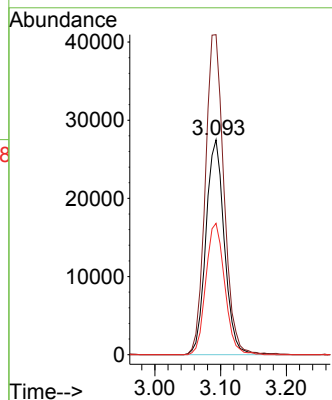
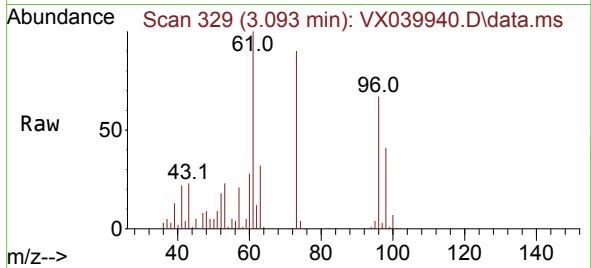




#21
trans-1,2-Dichloroethene
Concen: 53.987 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

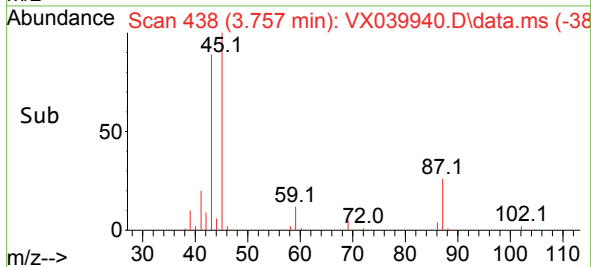
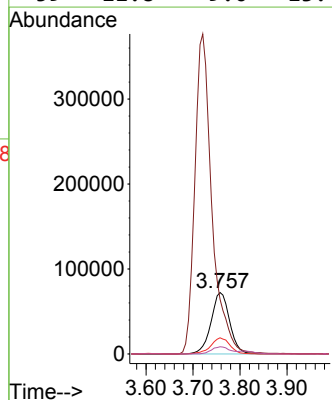
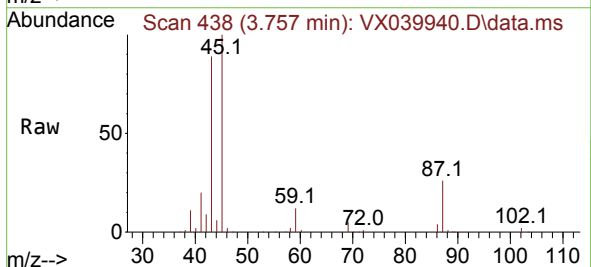
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

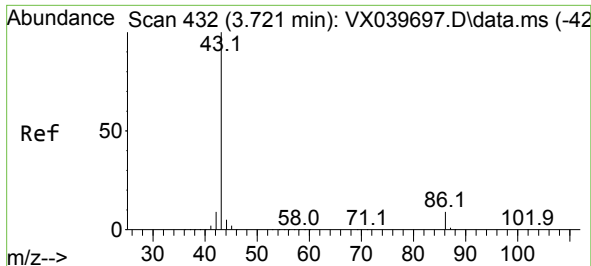
Tgt Ion: 96 Resp: 53609
Ion Ratio Lower Upper
96 100
61 148.9 119.2 178.8
98 61.1 48.7 73.1



#22
Diisopropyl ether
Concen: 55.971 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 45 Resp: 198372
Ion Ratio Lower Upper
45 100
43 88.5 69.7 104.5
87 26.3 20.8 31.2
59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 289.914 ug/l

RT: 3.721 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

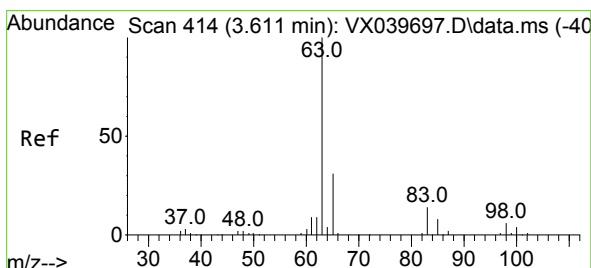
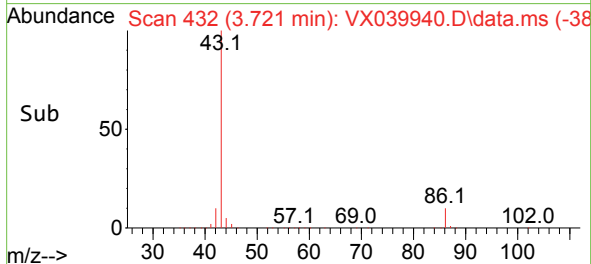
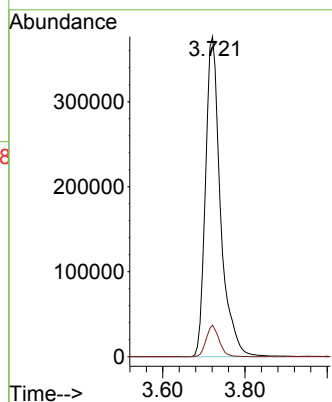
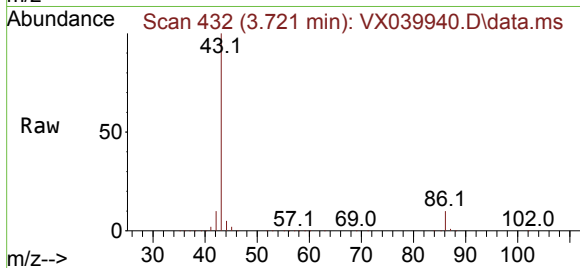
SUMOGW-2-37-40MSD

Tgt Ion: 43 Resp: 955120

Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.8



#24

1,1-Dichloroethane

Concen: 54.426 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

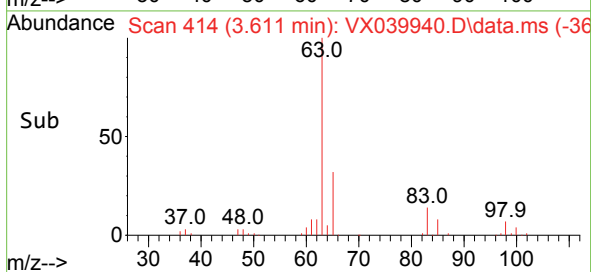
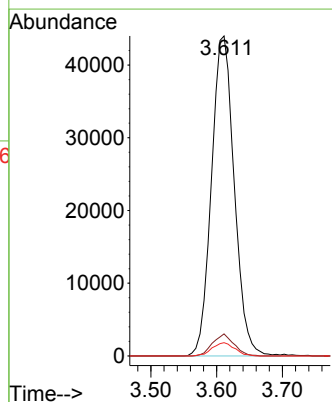
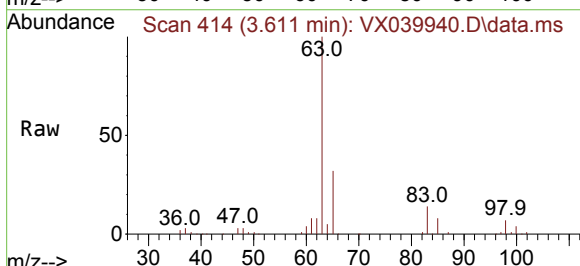
Tgt Ion: 63 Resp: 106119

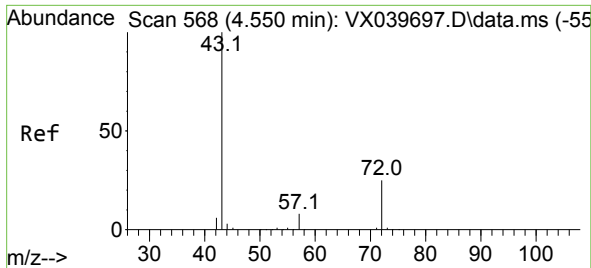
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.2 2.1 6.5

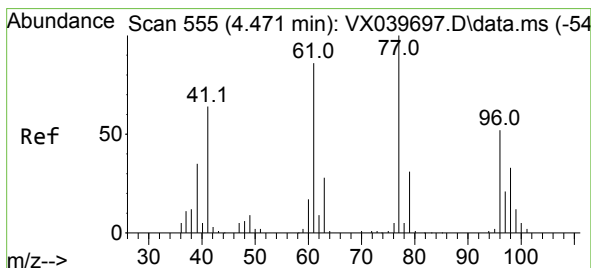
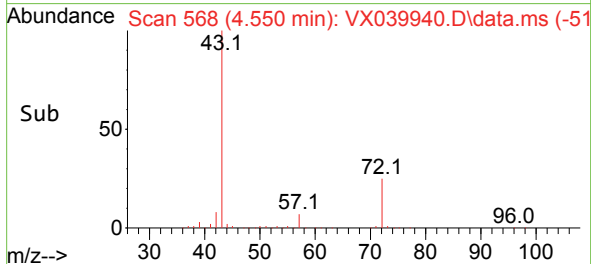
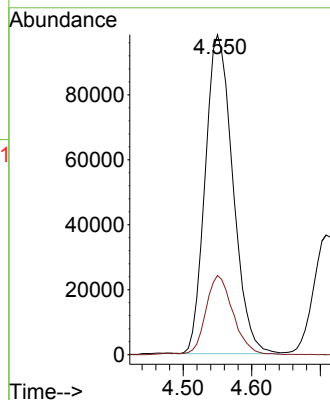
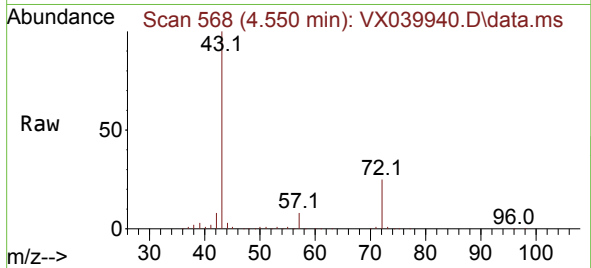




#25
2-Butanone
Concen: 259.762 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

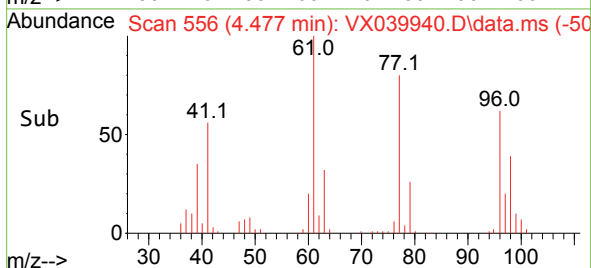
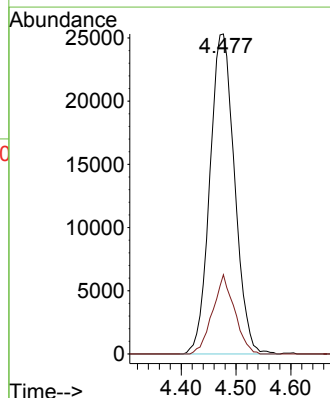
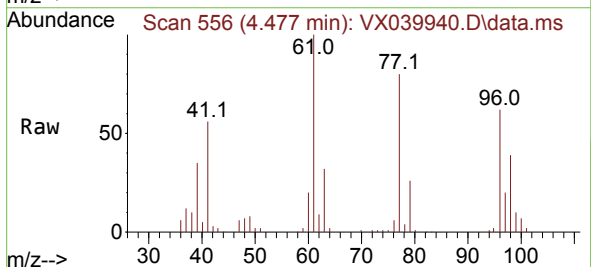
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

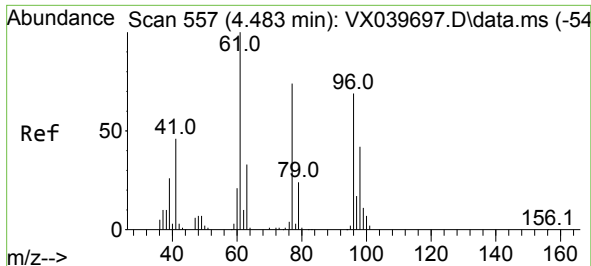
Tgt Ion: 43 Resp: 275716
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2



#26
2,2-Dichloropropane
Concen: 50.557 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 77 Resp: 79116
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 55.260 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-37-40MSD

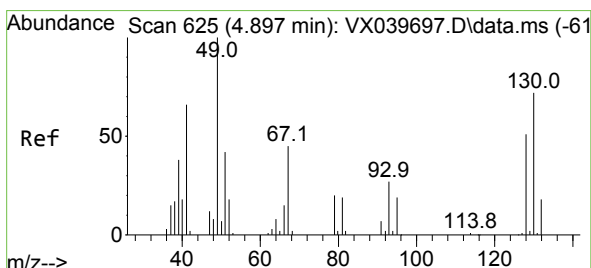
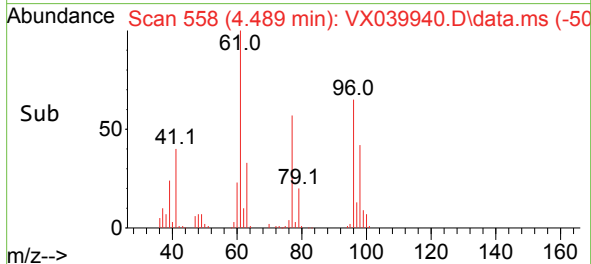
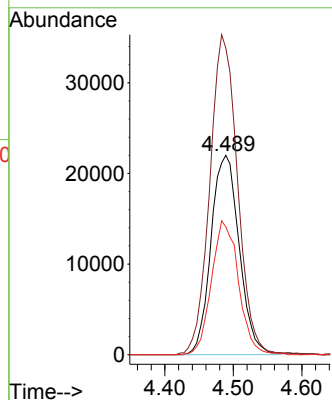
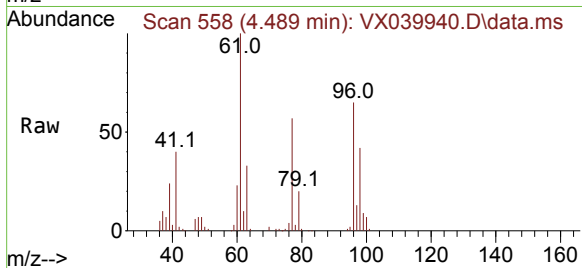
Tgt Ion: 96 Resp: 62937

Ion Ratio Lower Upper

96 100

61 158.2 0.0 312.2

98 64.4 0.0 129.0



#28

Bromochloromethane

Concen: 55.465 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

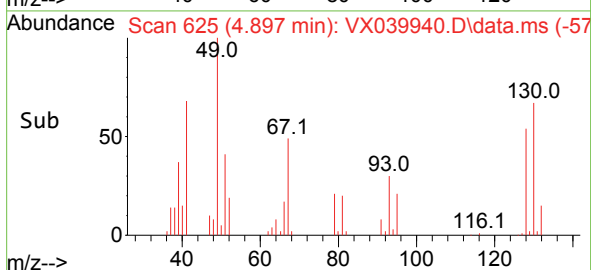
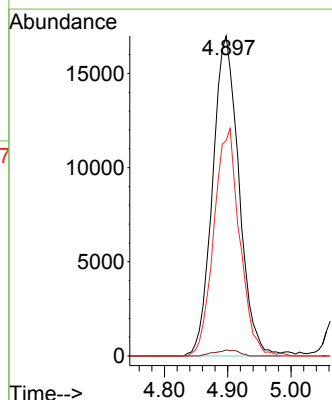
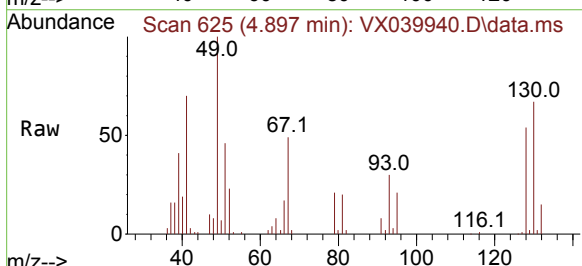
Tgt Ion: 49 Resp: 49021

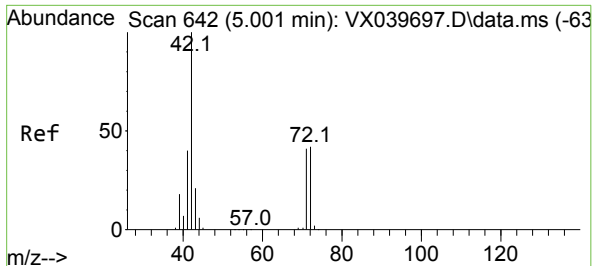
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 69.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 273.419 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-37-40MSD

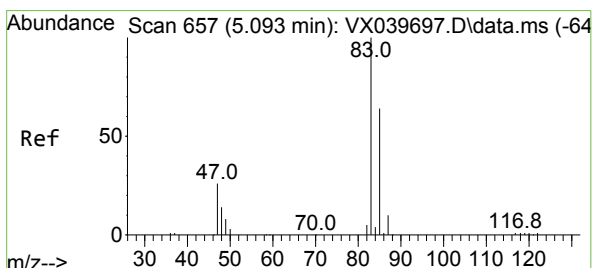
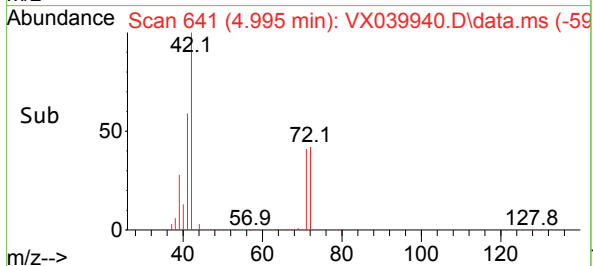
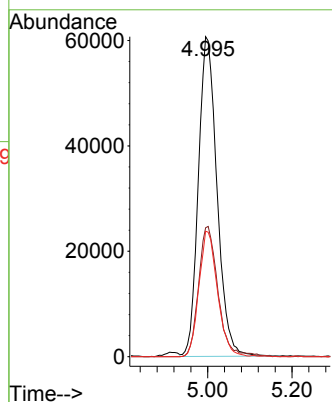
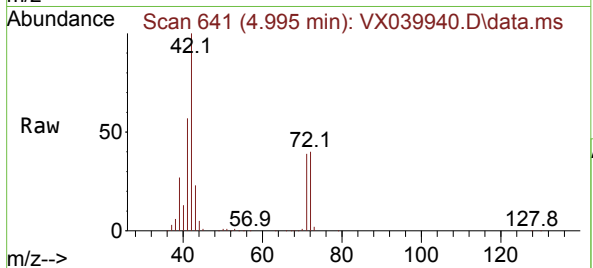
Tgt Ion: 42 Resp: 186793

Ion Ratio Lower Upper

42 100

72 42.4 34.2 51.4

71 39.2 32.2 48.2



#30

Chloroform

Concen: 97.058 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039940.D

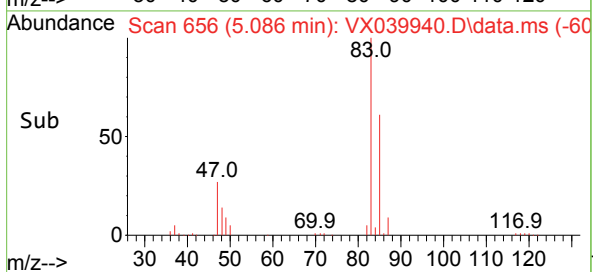
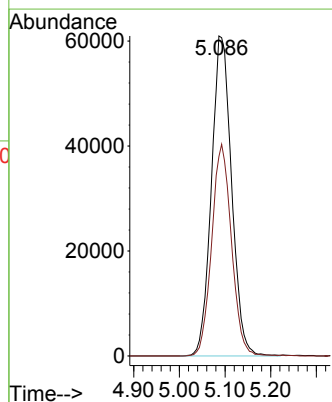
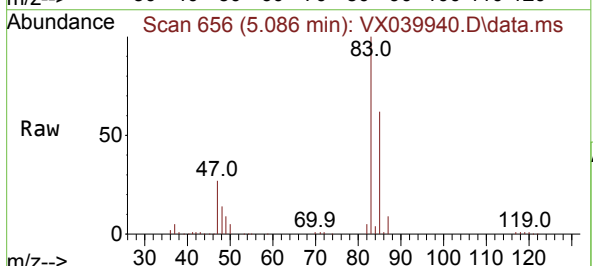
Acq: 24 Jan 2024 16:30

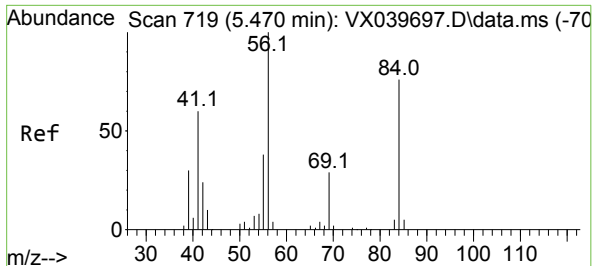
Tgt Ion: 83 Resp: 186817

Ion Ratio Lower Upper

83 100

85 62.3 50.3 75.5

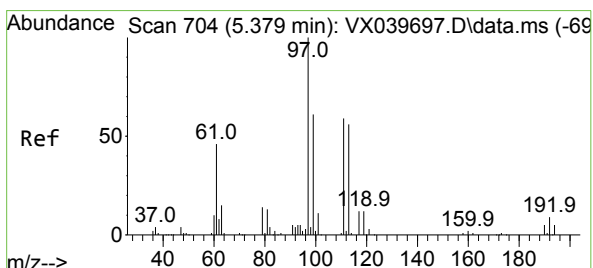
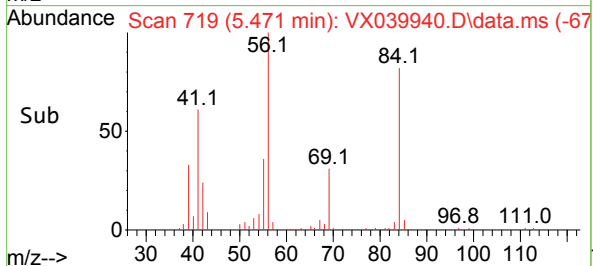
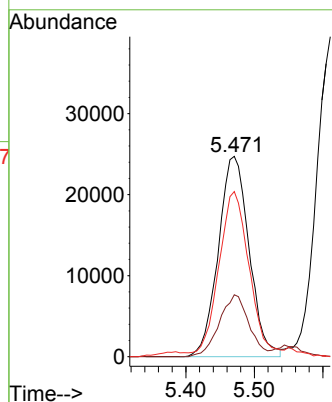
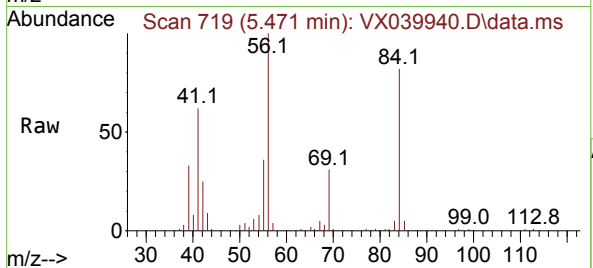




#31
Cyclohexane
Concen: 44.434 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

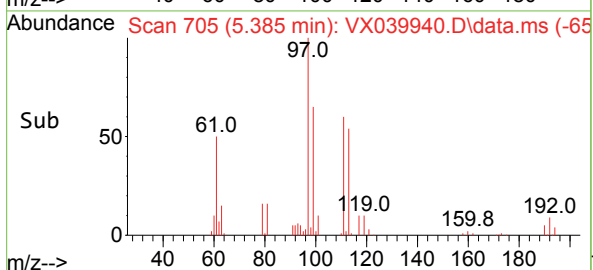
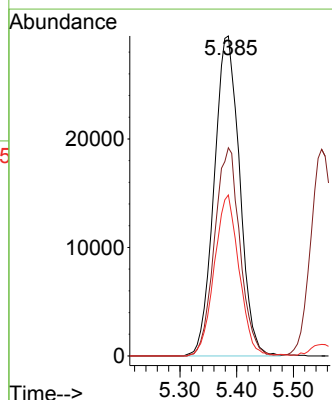
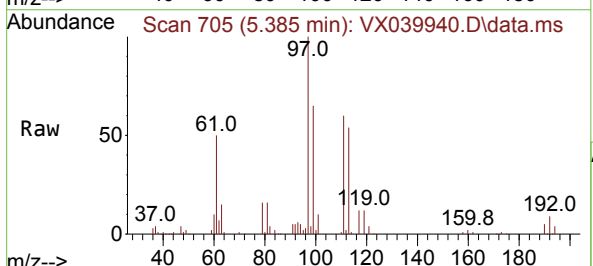
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

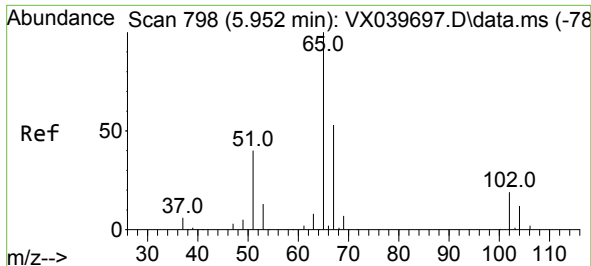
Tgt Ion:	56	Resp:	77016
Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.4	35.2
84	80.6	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 55.818 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion:	97	Resp:	91979
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.1	76.7
61	49.0	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 54.155 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

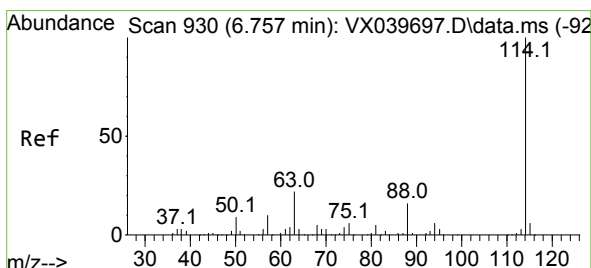
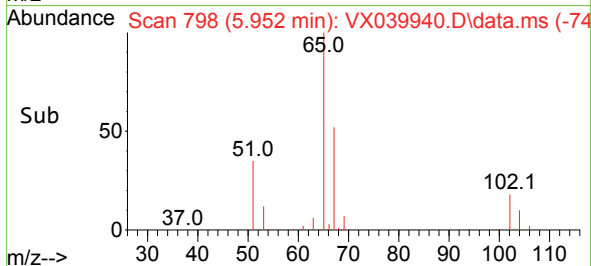
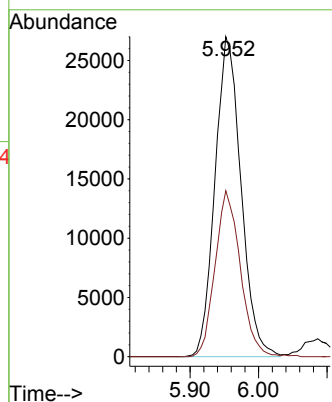
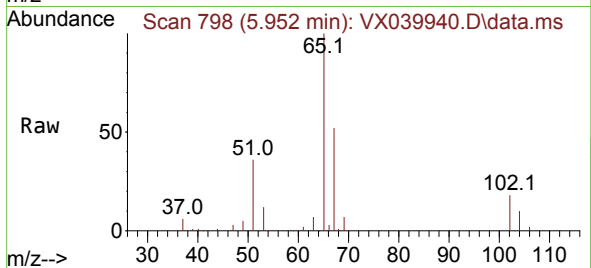
SUMOGW-2-37-40MSD

Tgt Ion: 65 Resp: 71123

Ion Ratio Lower Upper

65 100

67 50.5 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: VX039940.D

Acq: 24 Jan 2024 16:30

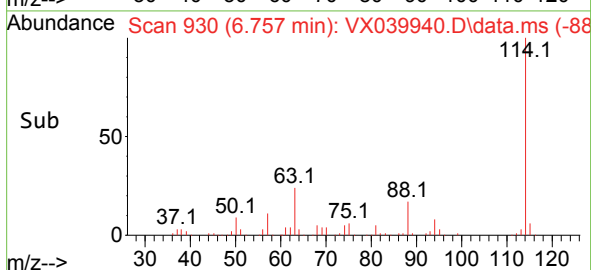
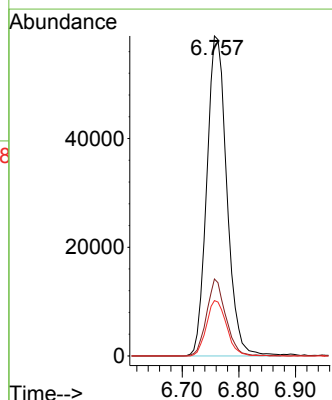
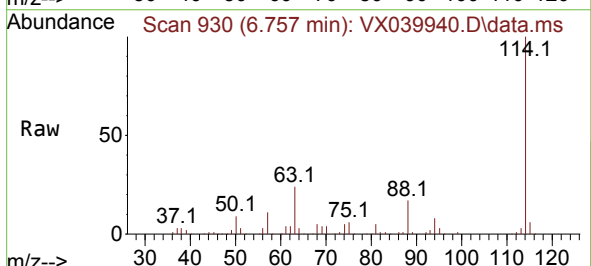
Tgt Ion:114 Resp: 144241

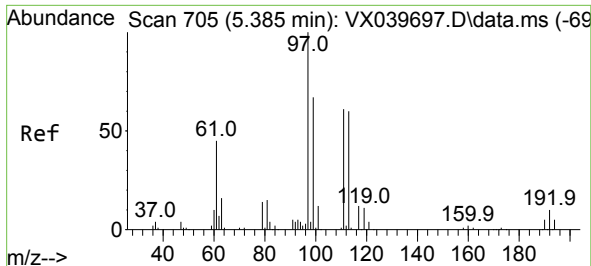
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.0

88 17.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.042 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039940.D

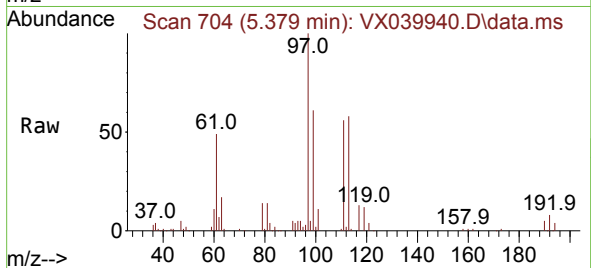
Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-37-40MSD



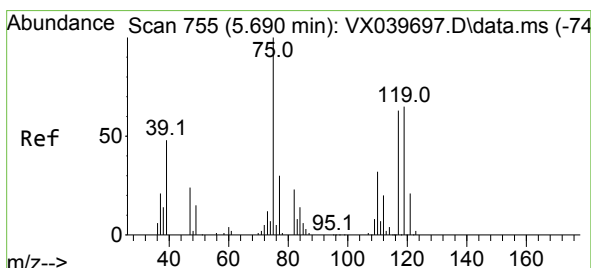
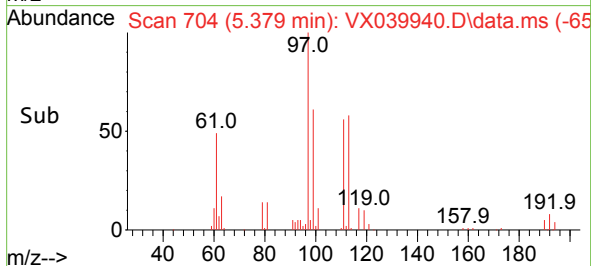
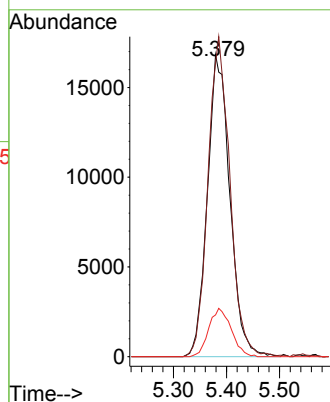
Tgt Ion:113 Resp: 49589

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

192 16.0 13.3 19.9



#36

1,1-Dichloropropene

Concen: 50.497 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

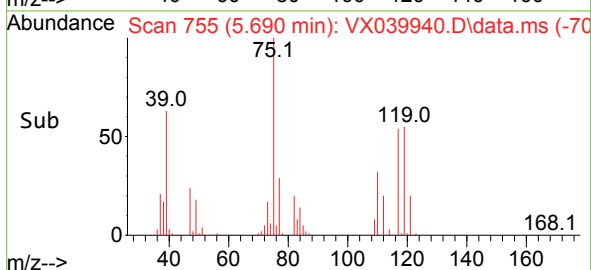
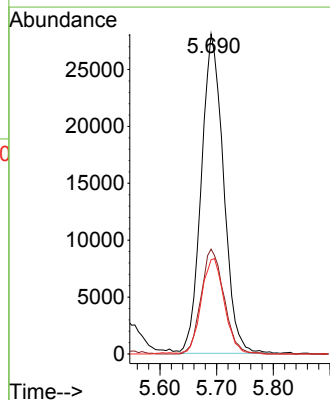
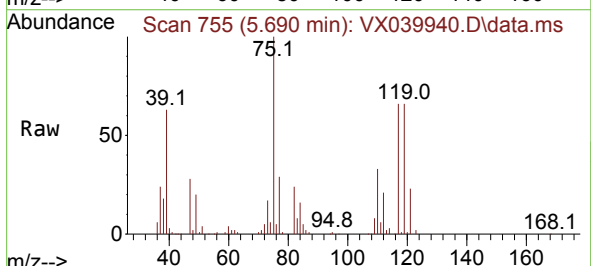
Tgt Ion: 75 Resp: 76363

Ion Ratio Lower Upper

75 100

110 33.8 17.0 50.9

77 31.1 24.7 37.1

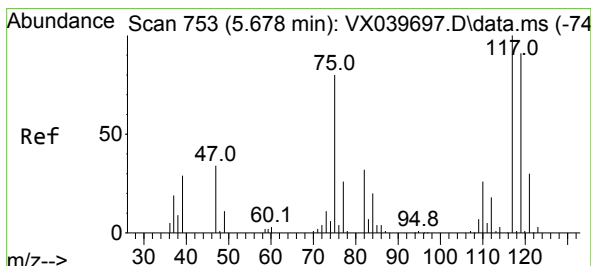
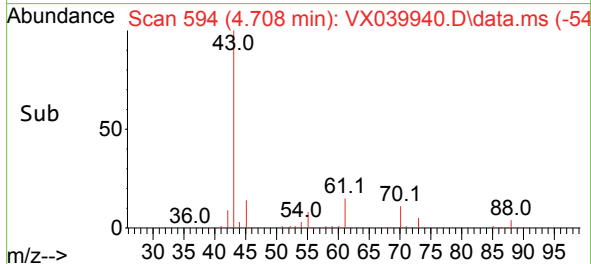
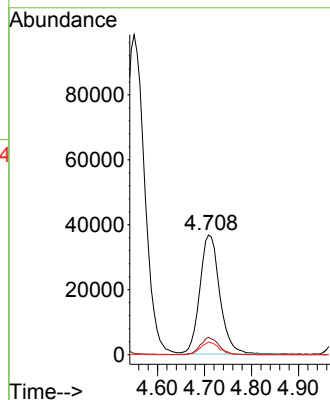
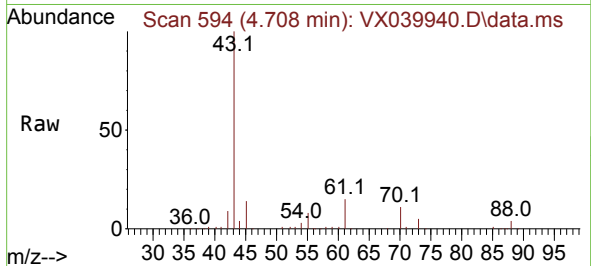




#37
Ethyl Acetate
Concen: 53.513 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

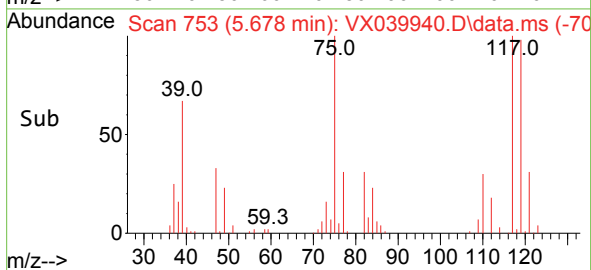
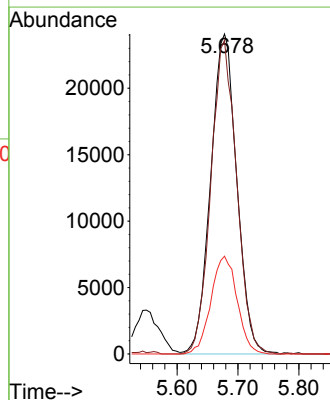
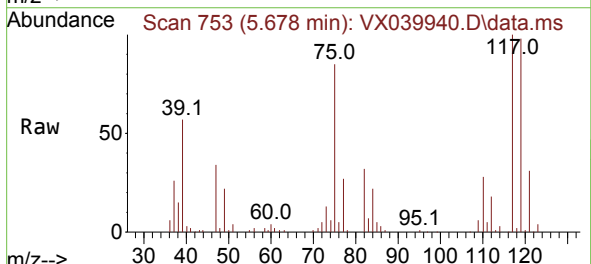
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

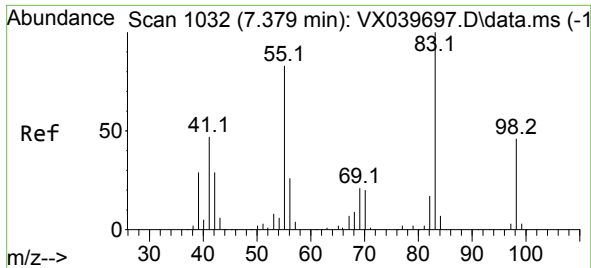
Tgt Ion: 43 Resp: 107959
Ion Ratio Lower Upper
43 100
61 13.2 10.6 16.0
70 9.8 8.3 12.5



#38
Carbon Tetrachloride
Concen: 51.787 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 117 Resp: 71726
Ion Ratio Lower Upper
117 100
119 98.0 78.2 117.2
121 30.5 24.4 36.6





#39

Methylcyclohexane

Concen: 40.365 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-37-40MSD

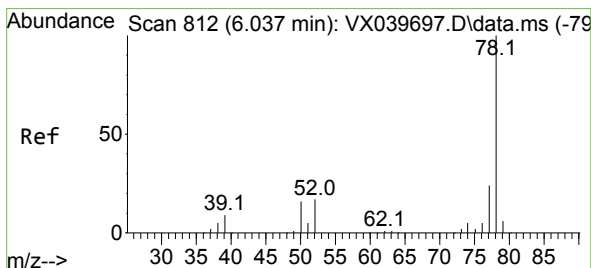
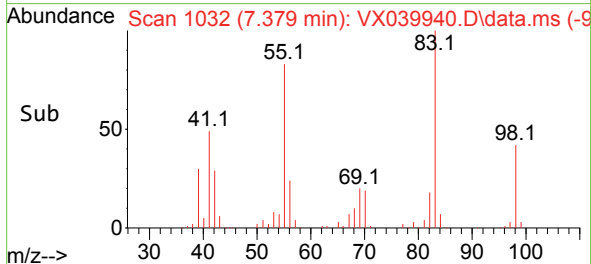
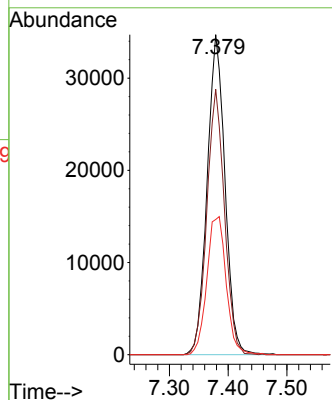
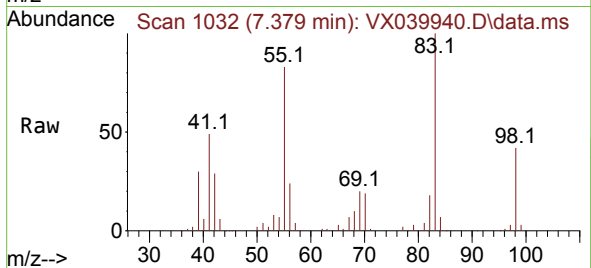
Tgt Ion: 83 Resp: 73299

Ion Ratio Lower Upper

83 100

55 82.9 64.6 97.0

98 42.3 36.7 55.1



#40

Benzene

Concen: 53.507 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX039940.D

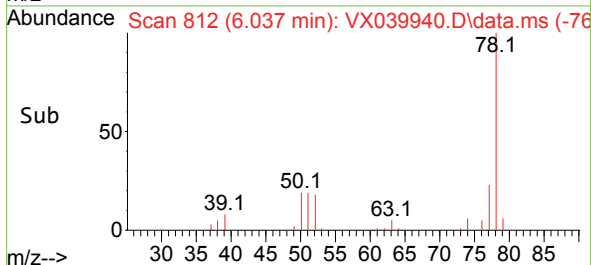
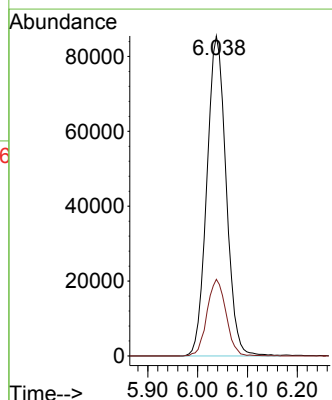
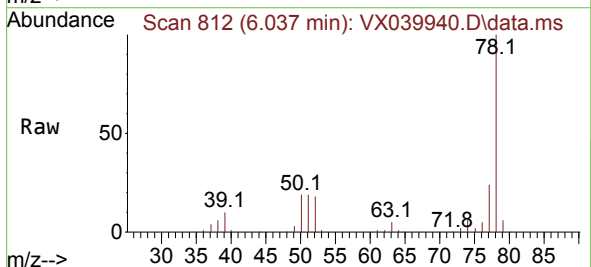
Acq: 24 Jan 2024 16:30

Tgt Ion: 78 Resp: 229119

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

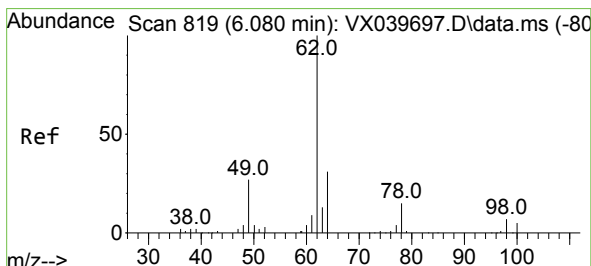
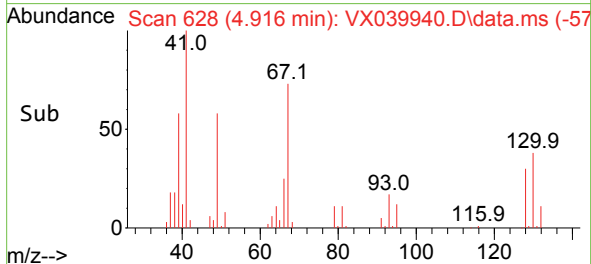
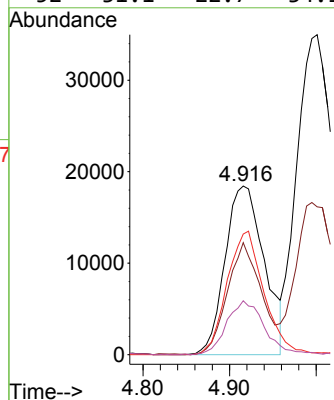
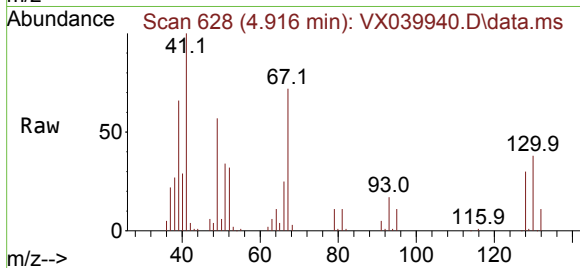




#41
Methacrylonitrile
Concen: 58.688 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

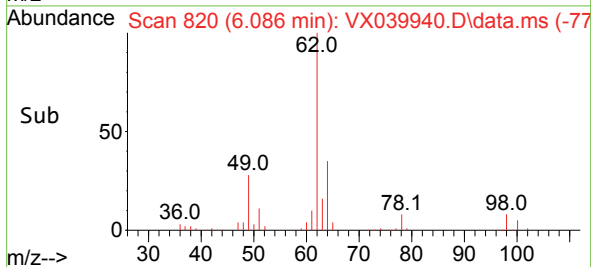
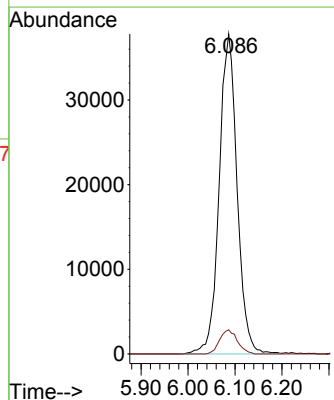
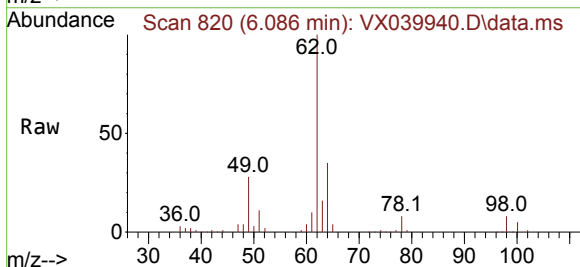
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

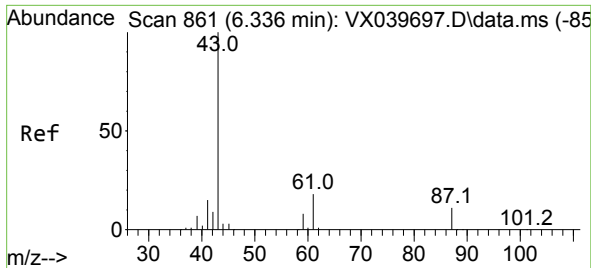
Tgt Ion:	41	Resp:	57898
Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.2	67.8
67	69.2	52.6	78.8
52	31.1	22.7	34.1



#42
1,2-Dichloroethane
Concen: 61.637 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion:	62	Resp:	100343
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	16.0





#43

Isopropyl Acetate

Concen: 57.675 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-37-40MSD

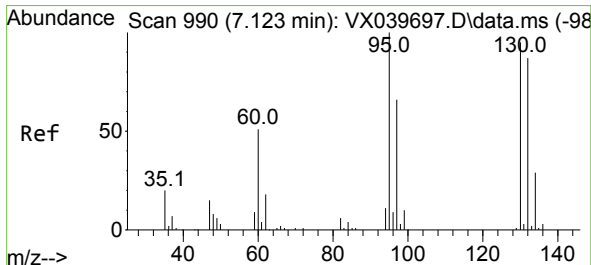
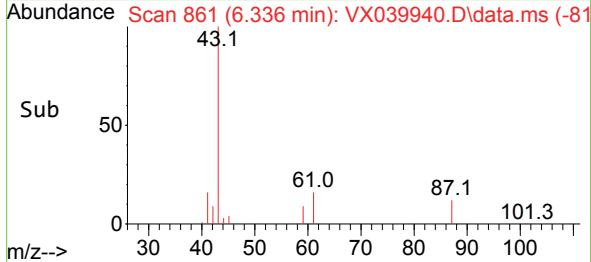
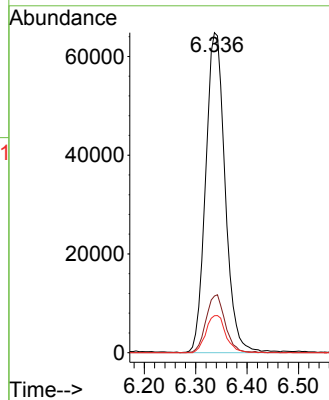
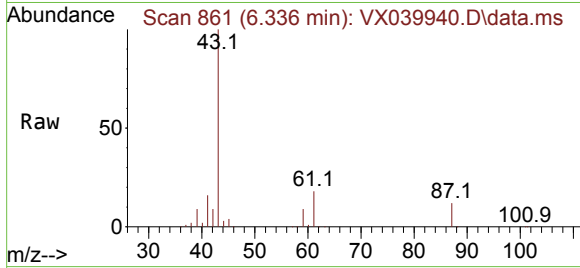
Tgt Ion: 43 Resp: 170687

Ion Ratio Lower Upper

43 100

61 17.7 15.2 22.8

87 11.7 9.8 14.6



#44

Trichloroethene

Concen: 54.868 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039940.D

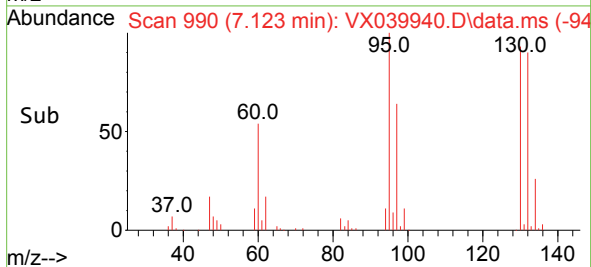
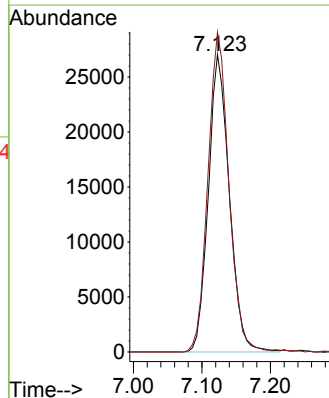
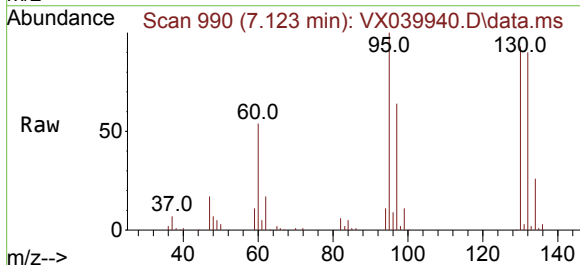
Acq: 24 Jan 2024 16:30

Tgt Ion:130 Resp: 57581

Ion Ratio Lower Upper

130 100

95 107.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 55.029 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

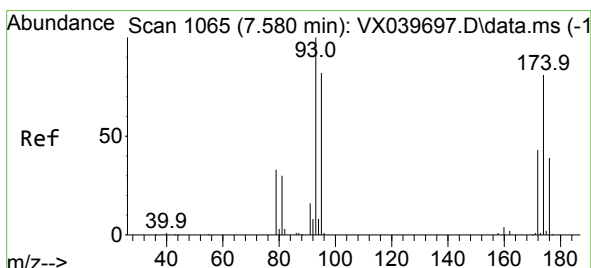
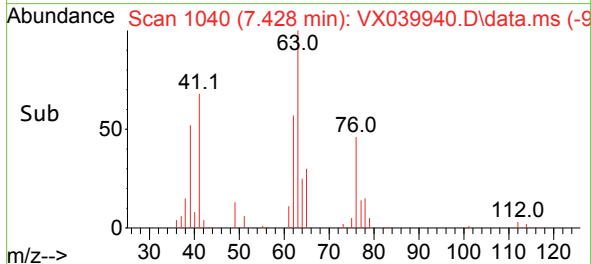
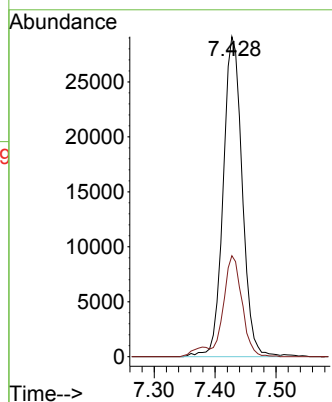
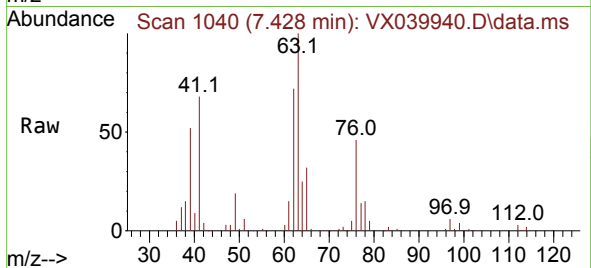
SUMOGW-2-37-40MSD

Tgt Ion: 63 Resp: 63212

Ion Ratio Lower Upper

63 100

65 31.6 24.3 36.5



#46

Dibromomethane

Concen: 58.559 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

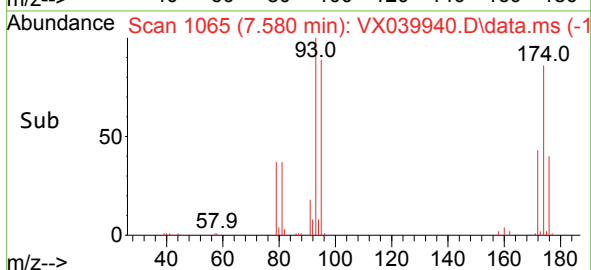
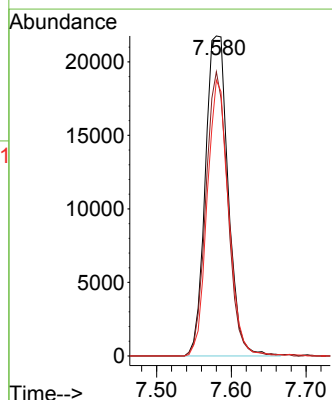
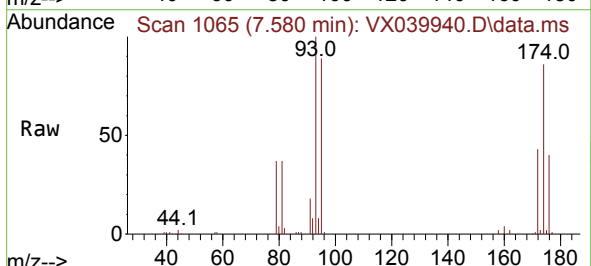
Tgt Ion: 93 Resp: 46461

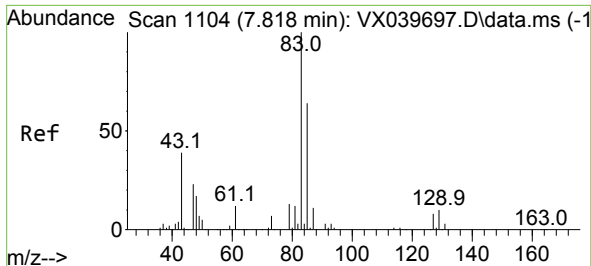
Ion Ratio Lower Upper

93 100

95 84.8 66.6 100.0

174 80.3 69.4 104.0

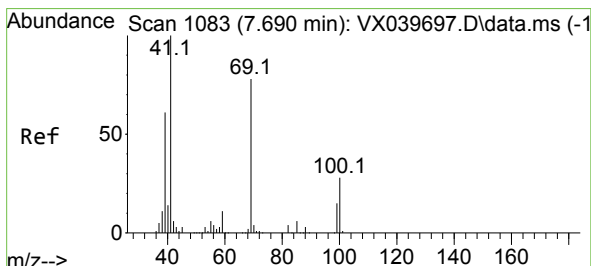
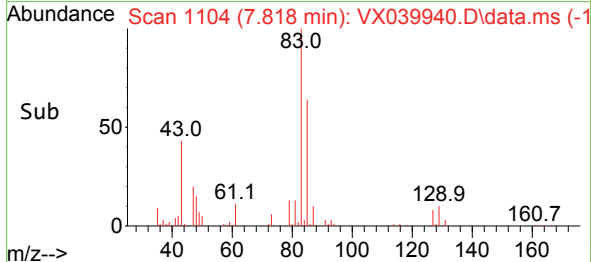
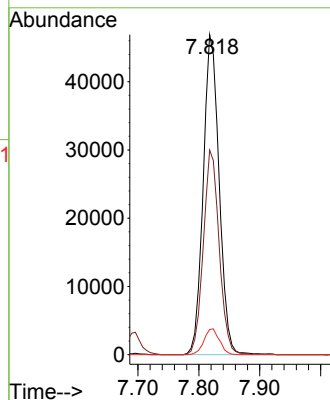
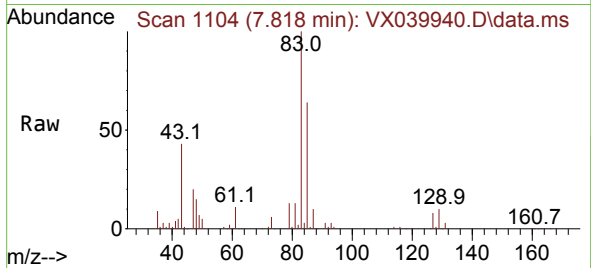




#47
Bromodichloromethane
Concen: 58.036 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

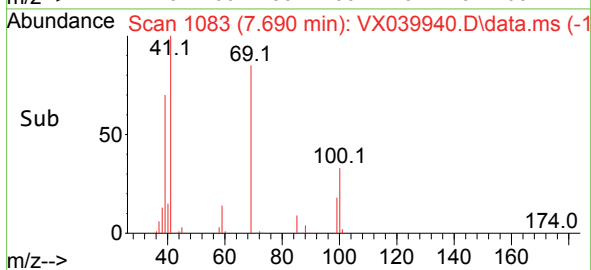
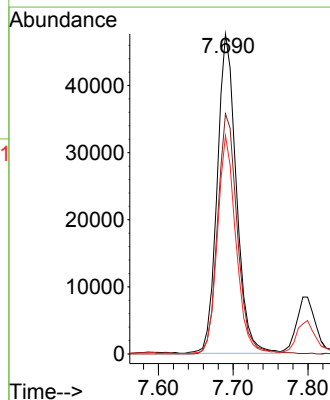
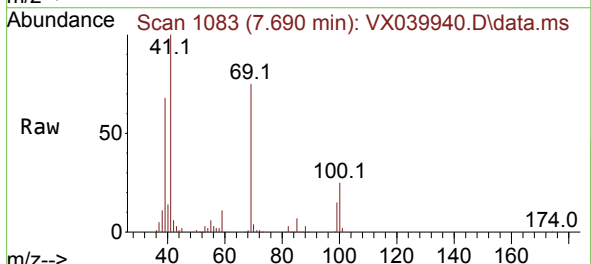
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

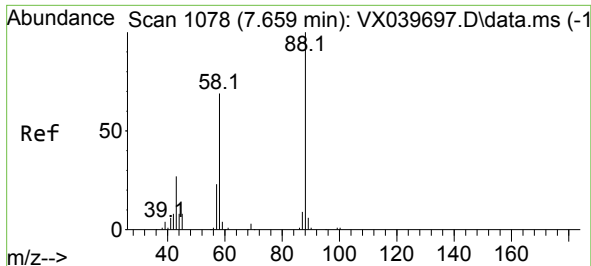
Tgt Ion: 83 Resp: 85280
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 7.9 7.1 10.7



#48
Methyl methacrylate
Concen: 58.350 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 41 Resp: 84881
Ion Ratio Lower Upper
41 100
69 77.6 59.2 88.8
39 66.0 47.7 71.5

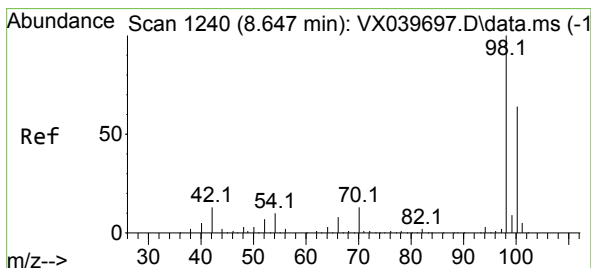
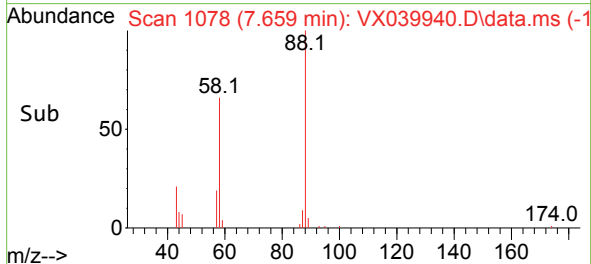
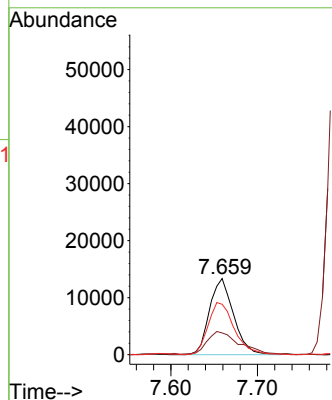
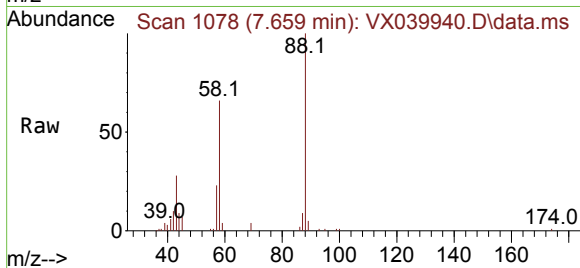




#49
1,4-Dioxane
Concen: 916.566 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

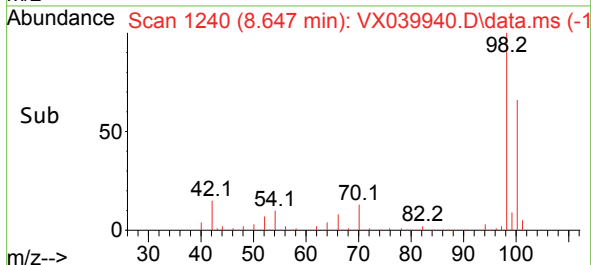
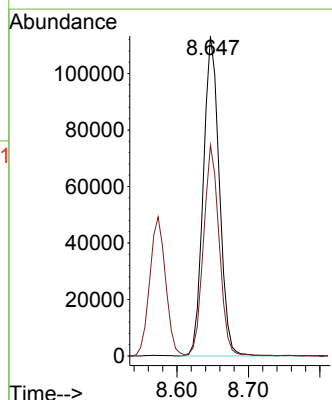
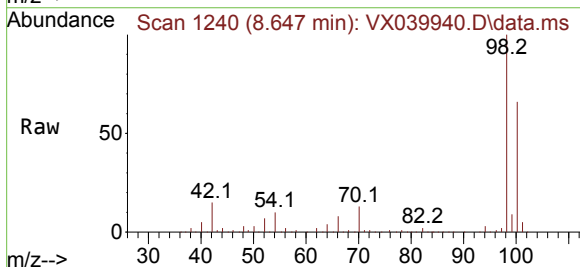
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

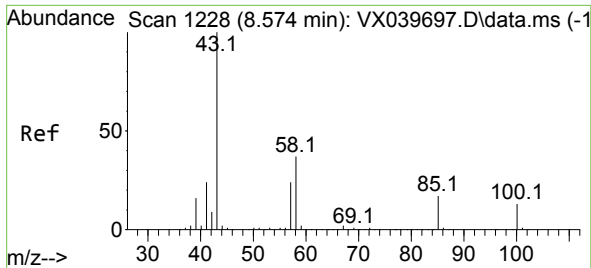
Tgt Ion: 88 Resp: 25799
Ion Ratio Lower Upper
88 100
43 39.9 0.0 0.0#
58 74.3 60.1 90.1



#50
Toluene-d8
Concen: 48.052 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 98 Resp: 176070
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

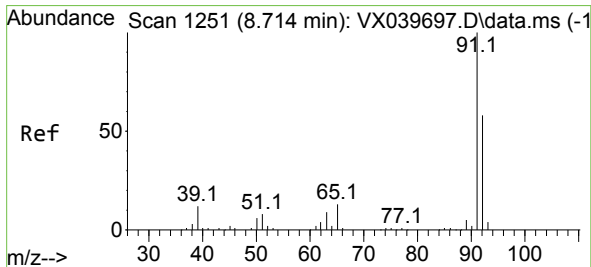
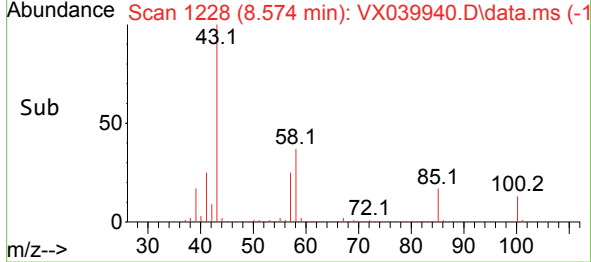
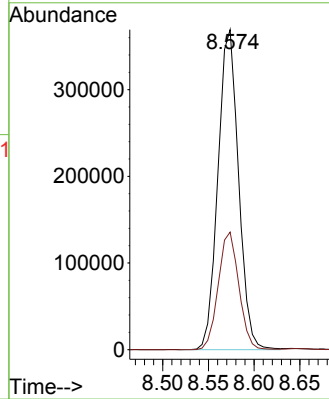
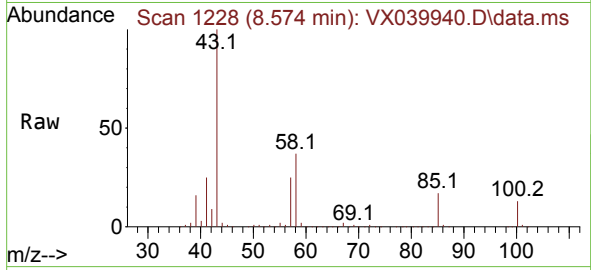




#51
4-Methyl-2-Pentanone
Concen: 283.732 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

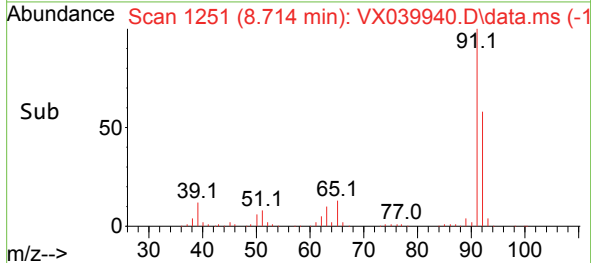
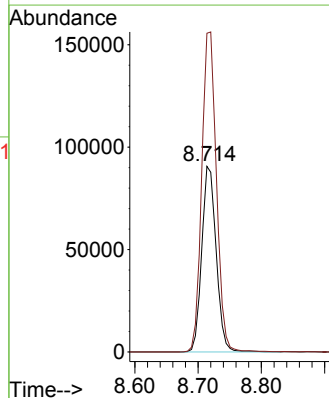
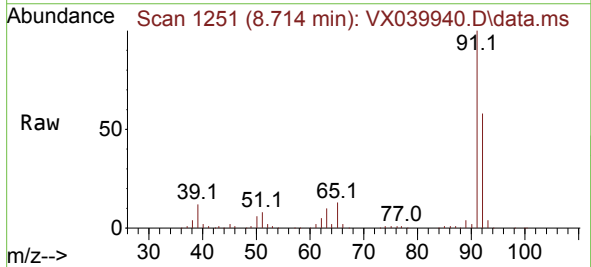
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

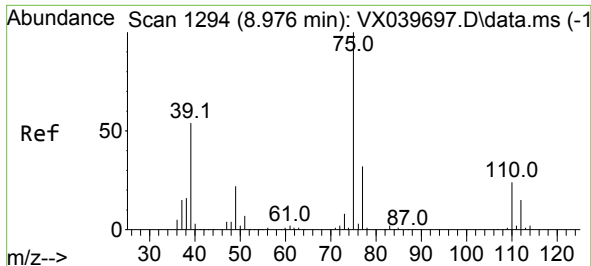
Tgt Ion: 43 Resp: 578306
Ion Ratio Lower Upper
43 100
58 36.8 30.4 45.6



#52
Toluene
Concen: 56.325 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 92 Resp: 144059
Ion Ratio Lower Upper
92 100
91 176.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 61.550 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

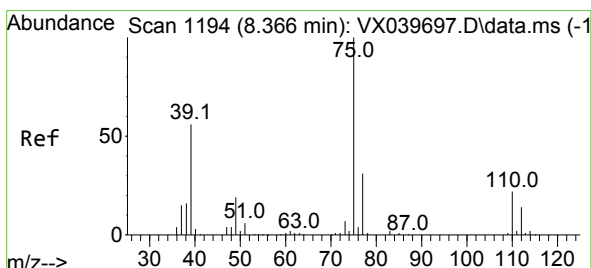
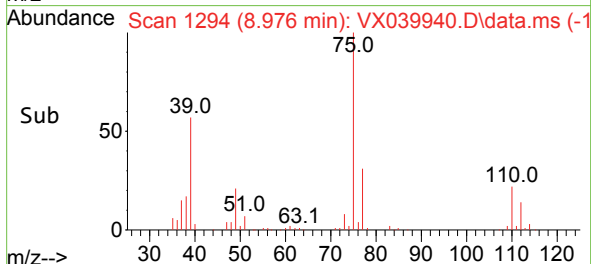
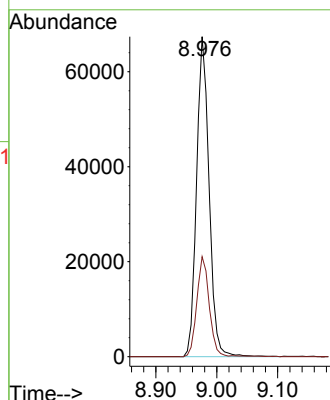
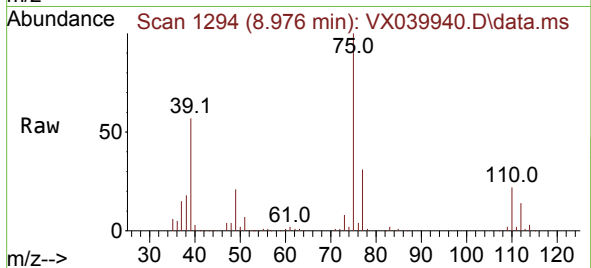
SUMOGW-2-37-40MSD

Tgt Ion: 75 Resp: 95971

Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 57.807 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

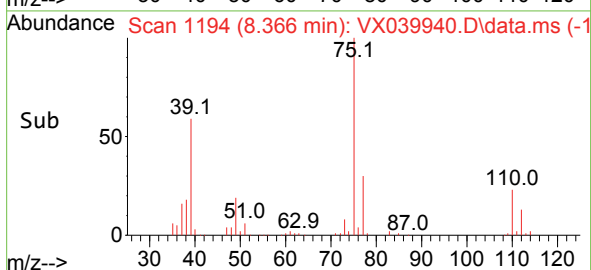
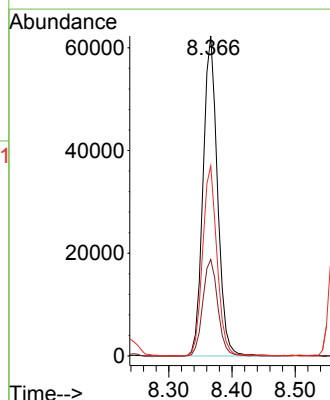
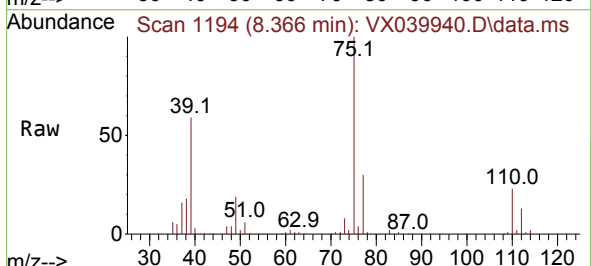
Tgt Ion: 75 Resp: 99110

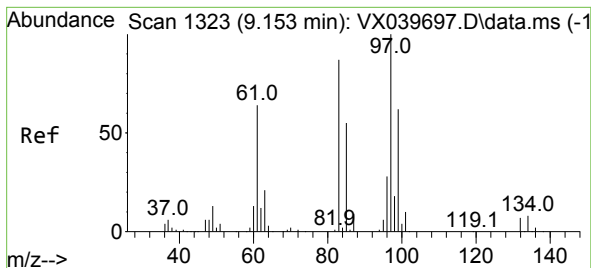
Ion Ratio Lower Upper

75 100

77 30.2 25.3 37.9

39 59.4 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 58.092 ug/l

RT: 9.147 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-37-40MSD

Tgt Ion: 97 Resp: 63258

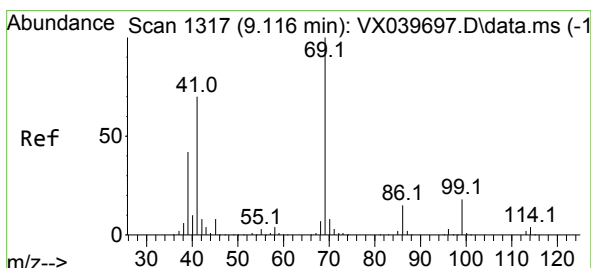
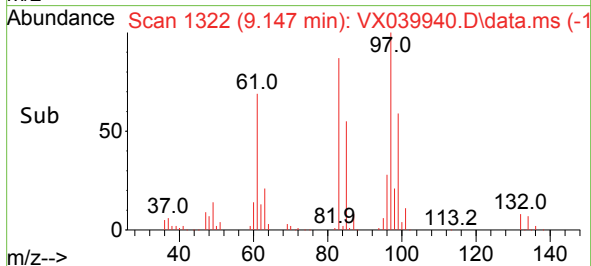
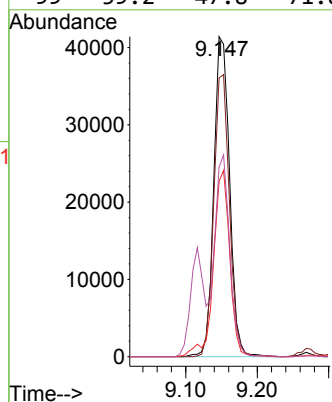
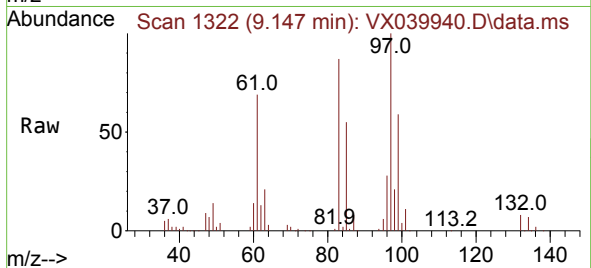
Ion Ratio Lower Upper

97 100

83 87.1 65.8 98.8

85 54.8 41.6 62.4

99 59.2 47.8 71.8



#56

Ethyl methacrylate

Concen: 60.513 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

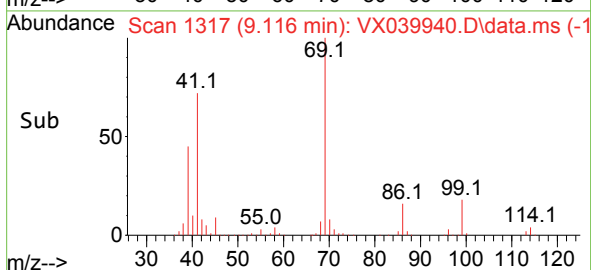
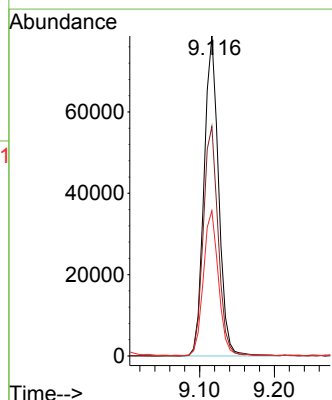
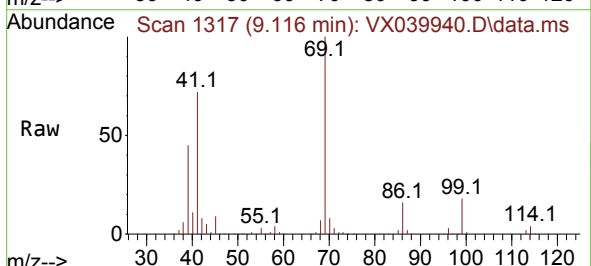
Tgt Ion: 69 Resp: 106648

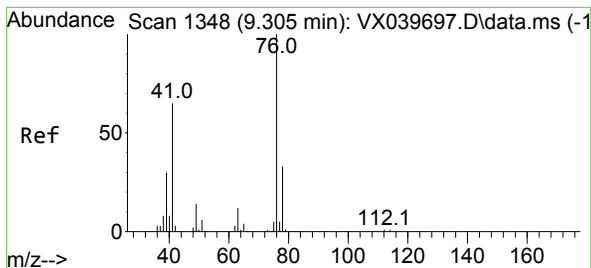
Ion Ratio Lower Upper

69 100

41 73.1 56.8 85.2

39 46.8 32.0 48.0





#57

1,3-Dichloropropane

Concen: 57.546 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

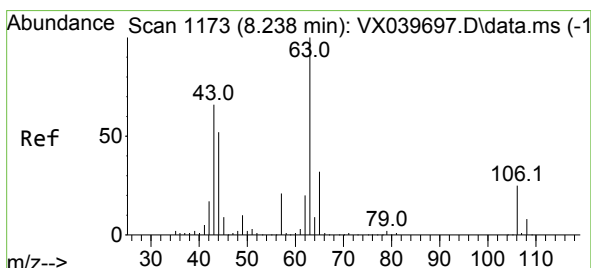
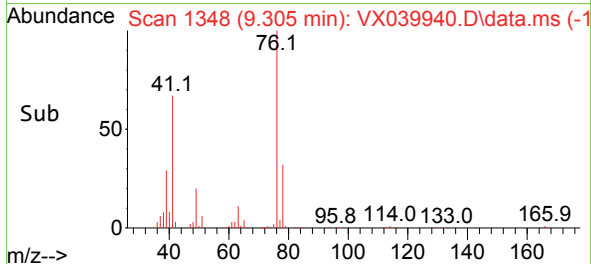
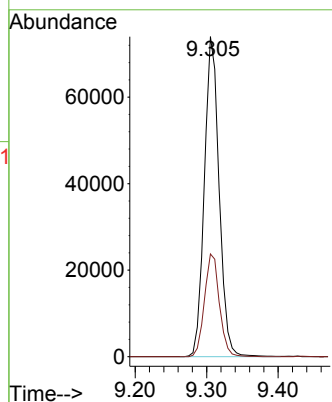
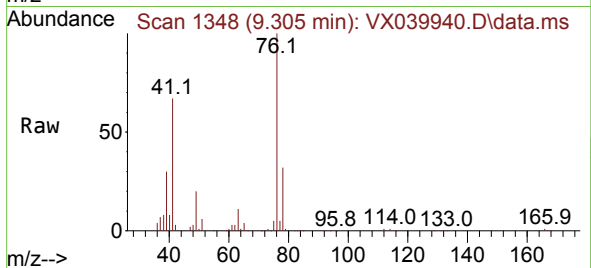
SUMOGW-2-37-40MSD

Tgt Ion: 76 Resp: 106194

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 258.868 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039940.D

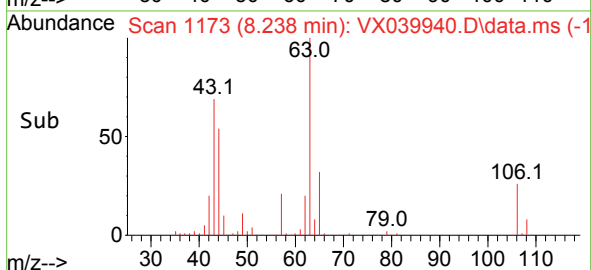
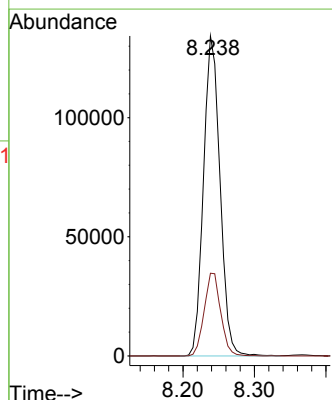
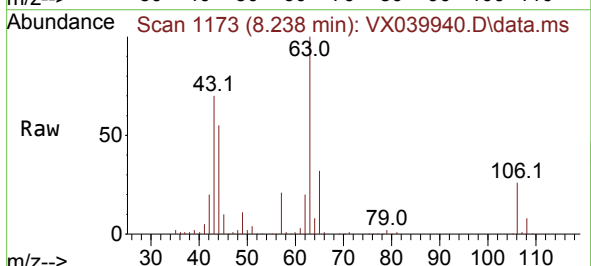
Acq: 24 Jan 2024 16:30

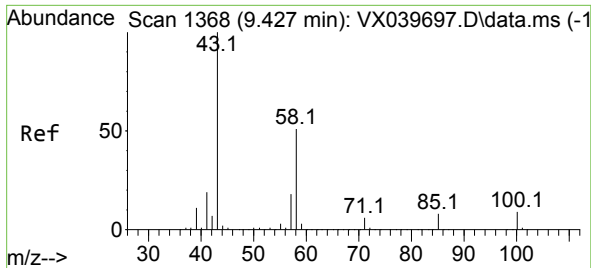
Tgt Ion: 63 Resp: 215649

Ion Ratio Lower Upper

63 100

106 25.8 22.5 33.7

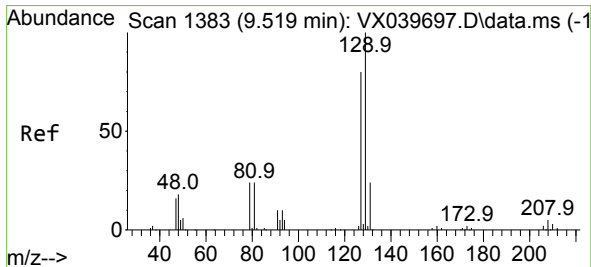
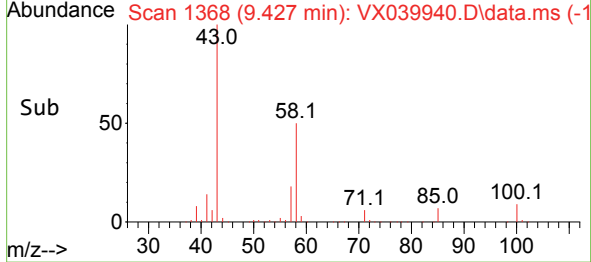
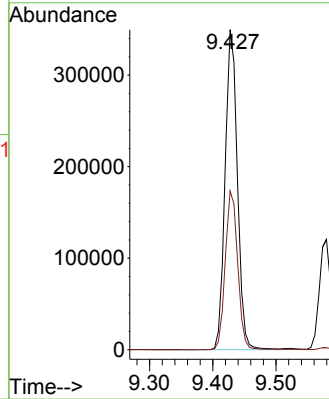
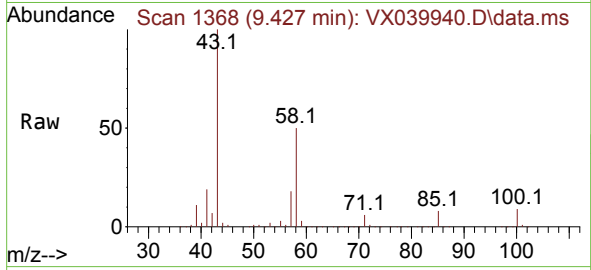




#59
2-Hexanone
Concen: 290.928 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

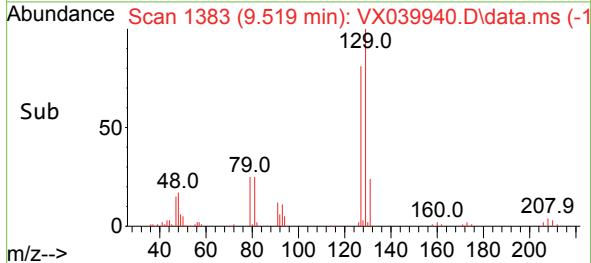
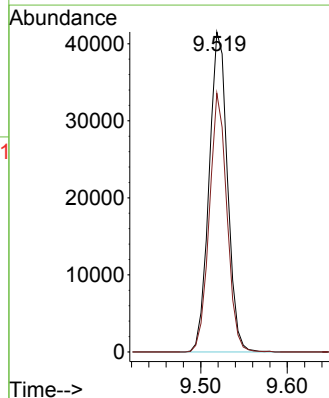
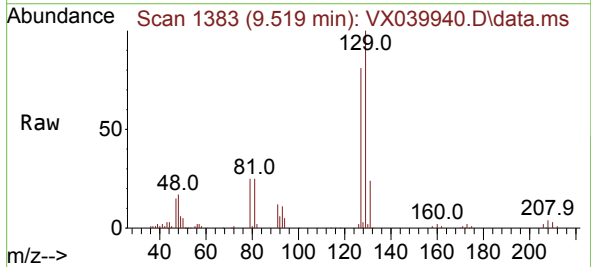
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

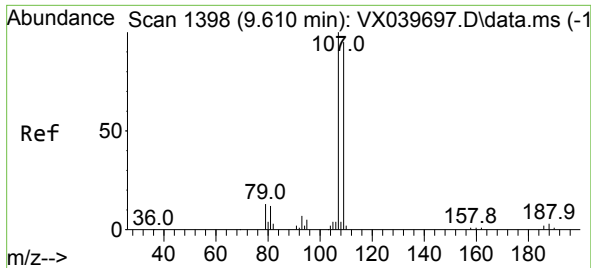
Tgt Ion: 43 Resp: 469306
Ion Ratio Lower Upper
43 100
58 50.3 26.2 78.5



#60
Dibromochloromethane
Concen: 59.584 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 129 Resp: 61188
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

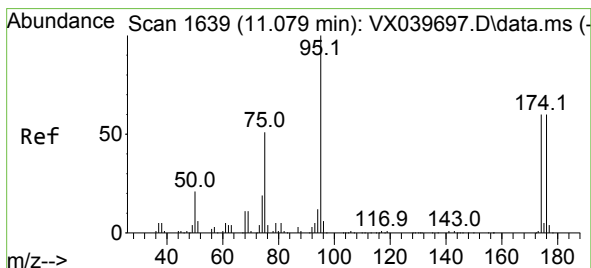
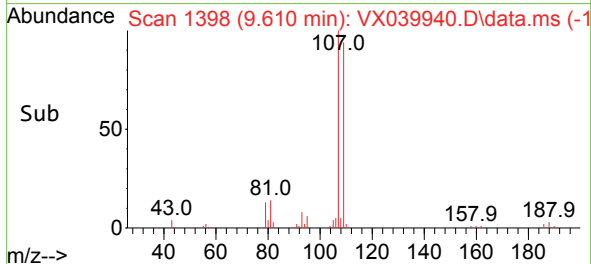
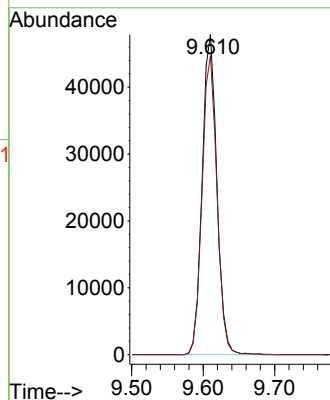
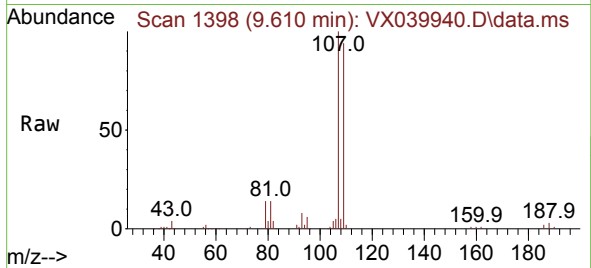




#61
1,2-Dibromoethane
Concen: 60.574 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

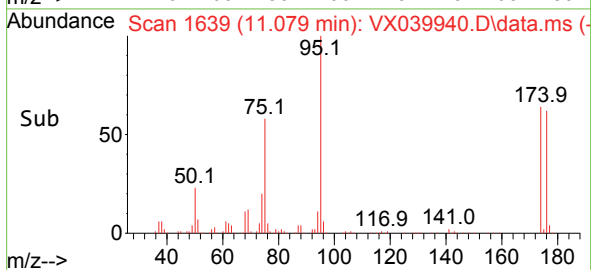
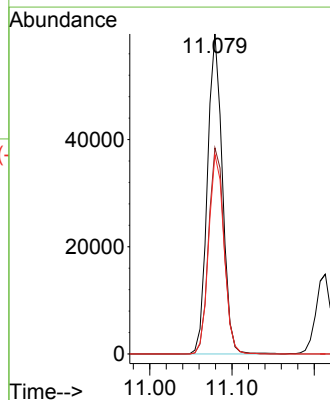
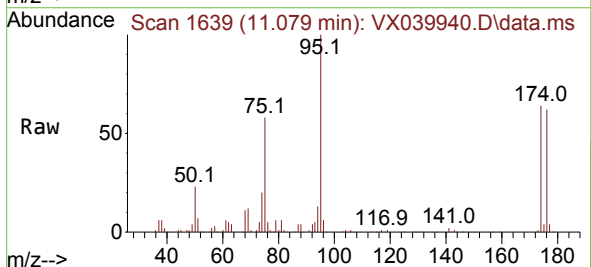
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

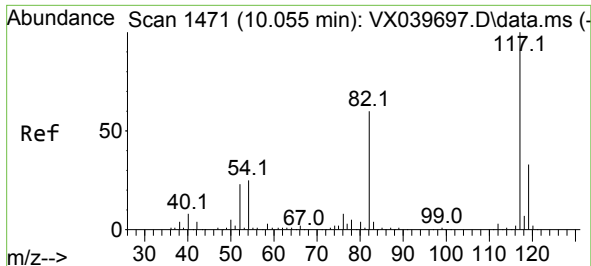
Tgt Ion:107 Resp: 68307
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 52.576 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 95 Resp: 75334
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.6
176 63.9 0.0 131.0

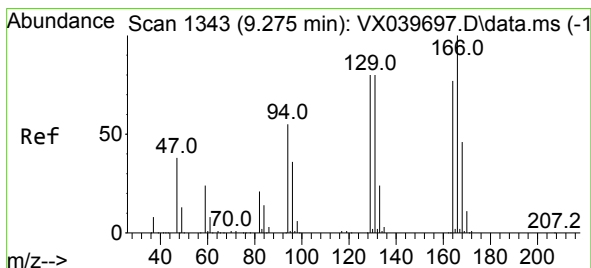
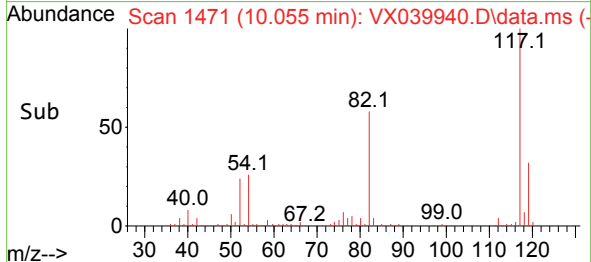
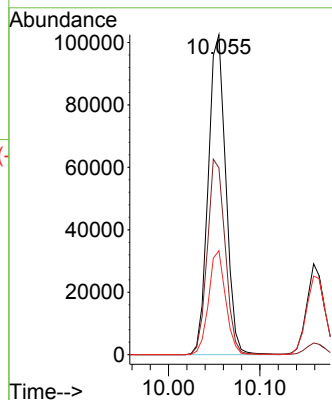
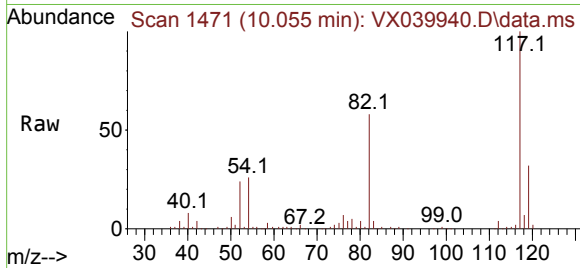




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

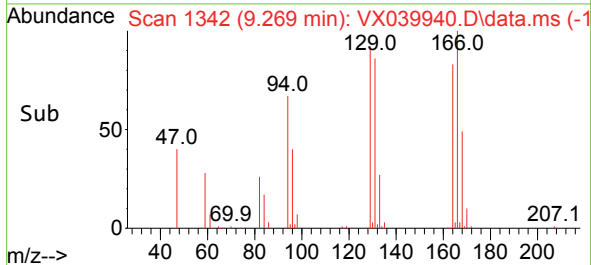
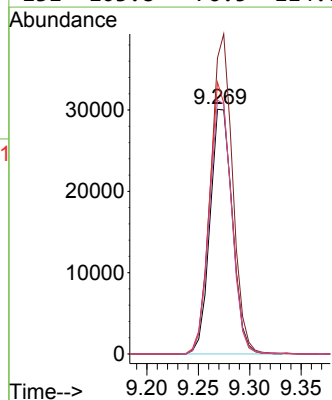
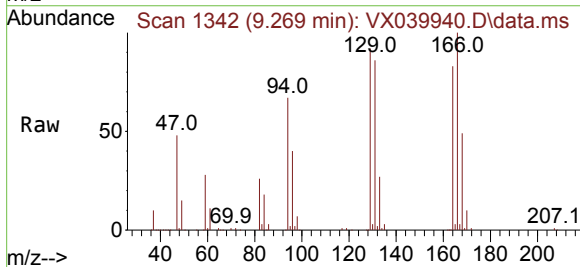
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

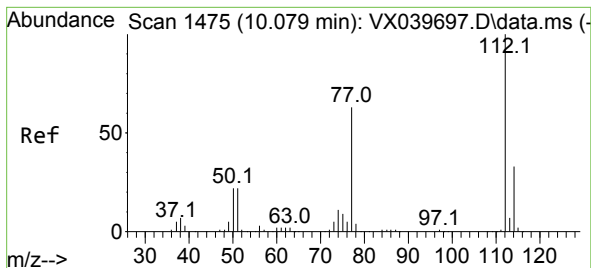
Tgt Ion:117 Resp: 136762
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 51.187 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion:164 Resp: 45524
Ion Ratio Lower Upper
164 100
166 121.0 102.7 154.1
129 111.0 80.4 120.6
131 103.8 76.5 114.7





#65

Chlorobenzene

Concen: 54.368 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

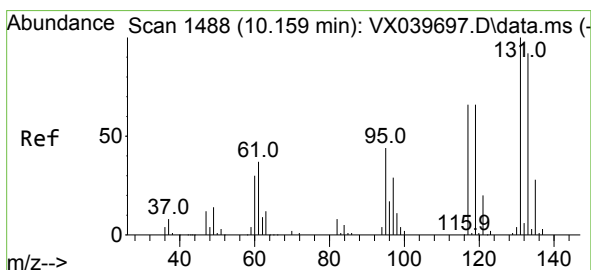
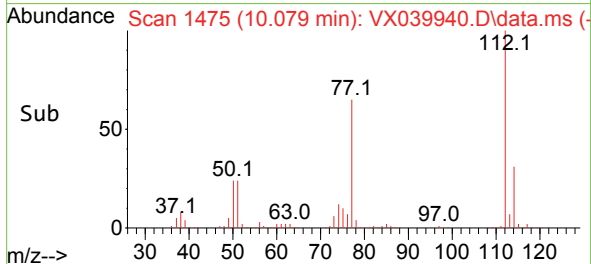
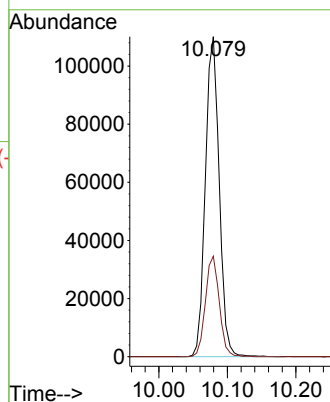
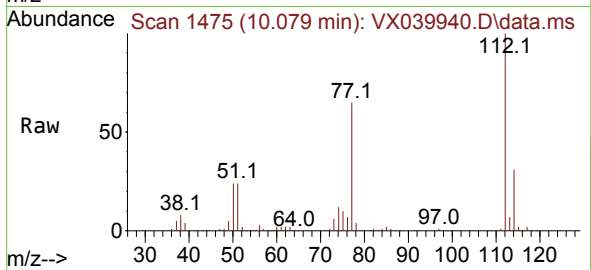
SUMOGW-2-37-40MSD

Tgt Ion:112 Resp: 154864

Ion Ratio Lower Upper

112 100

114 31.4 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 58.625 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

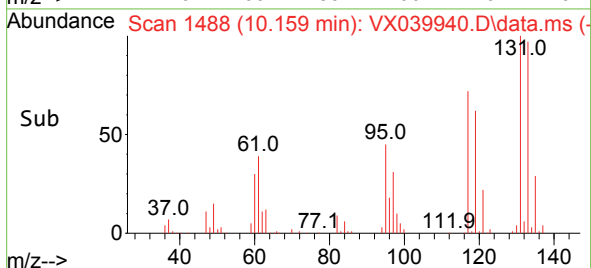
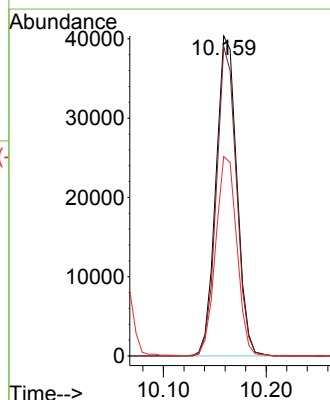
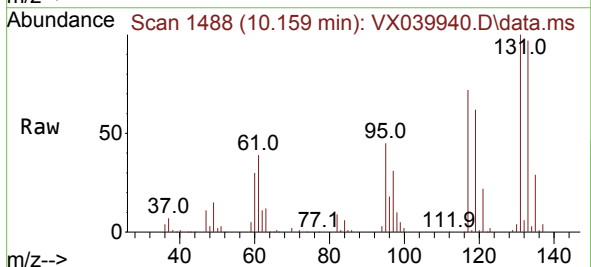
Tgt Ion:131 Resp: 56861

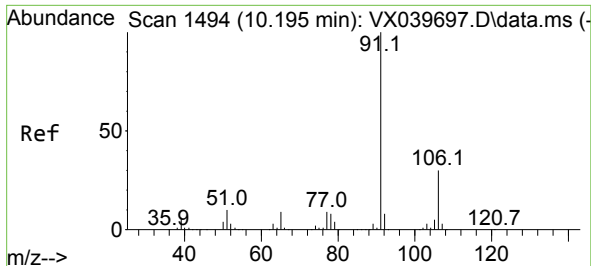
Ion Ratio Lower Upper

131 100

133 92.7 47.1 141.4

119 63.4 32.2 96.6





#67

Ethyl Benzene

Concen: 54.084 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

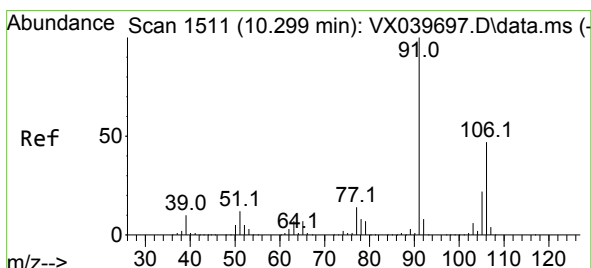
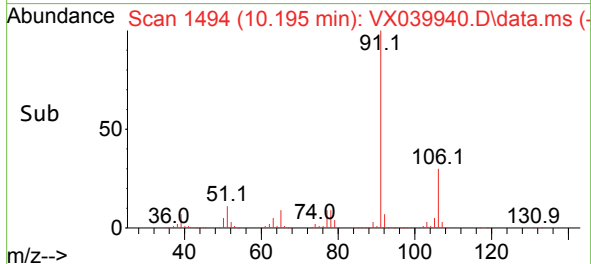
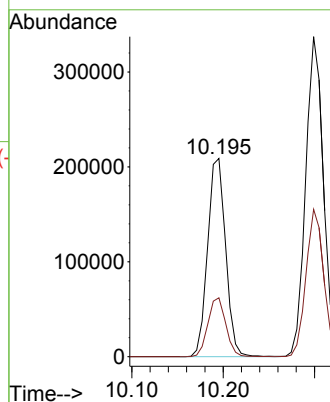
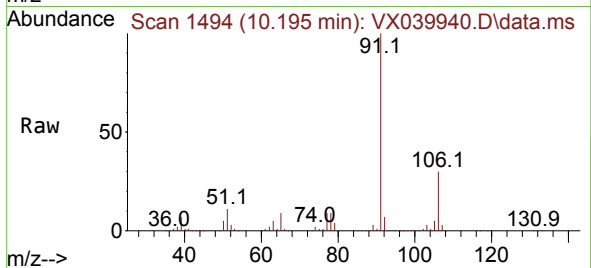
SUMOGW-2-37-40MSD

Tgt Ion: 91 Resp: 286012

Ion Ratio Lower Upper

91 100

106 29.7 24.9 37.3



#68

m/p-Xylenes

Concen: 108.741 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039940.D

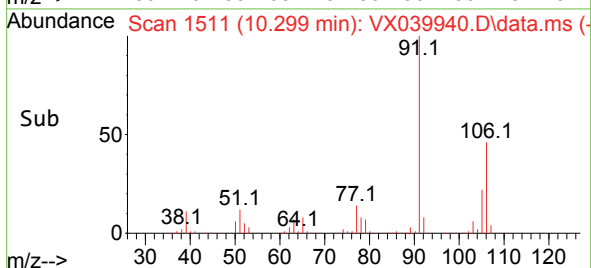
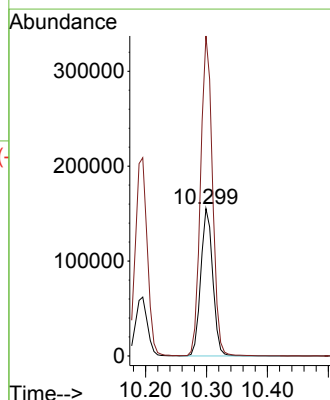
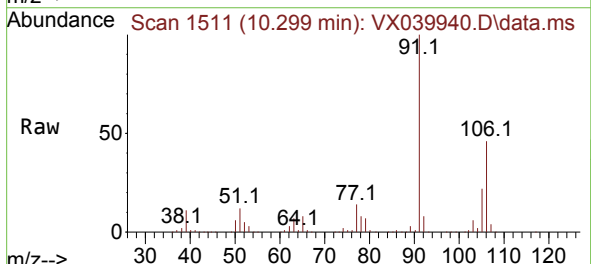
Acq: 24 Jan 2024 16:30

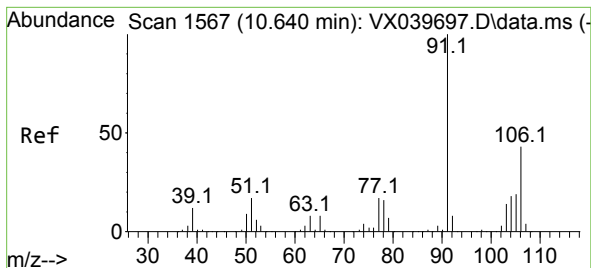
Tgt Ion:106 Resp: 211487

Ion Ratio Lower Upper

106 100

91 216.6 165.5 248.3





#69

o-Xylene

Concen: 53.916 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

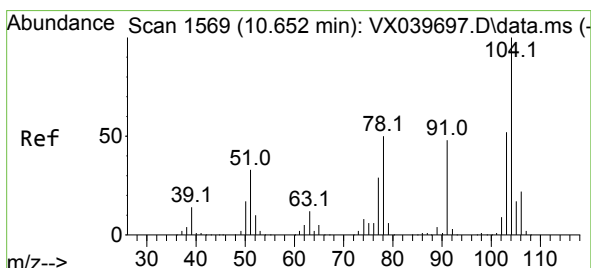
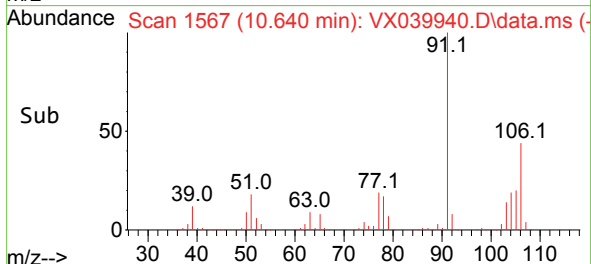
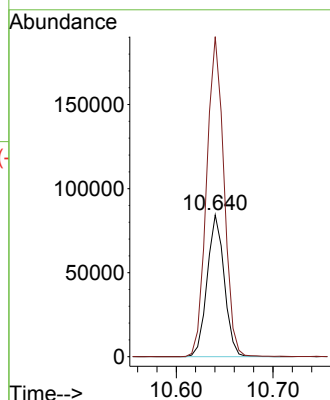
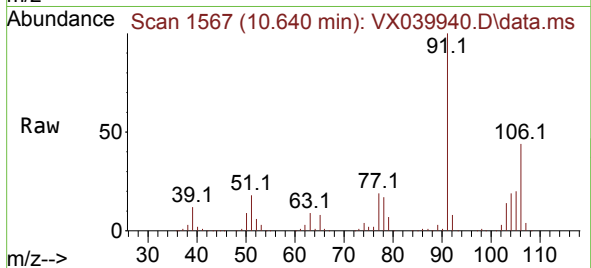
SUMOGW-2-37-40MSD

Tgt Ion:106 Resp: 103845

Ion Ratio Lower Upper

106 100

91 229.4 108.9 326.8



#70

Styrene

Concen: 56.662 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

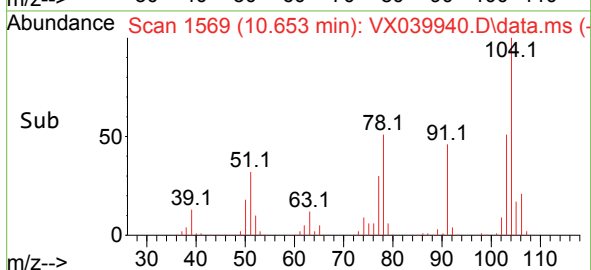
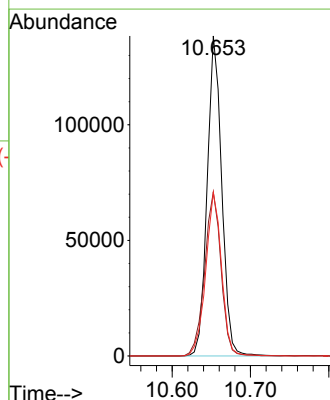
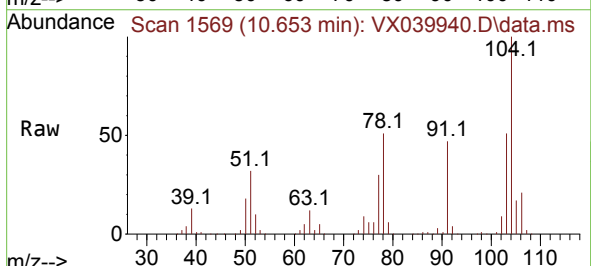
Tgt Ion:104 Resp: 178275

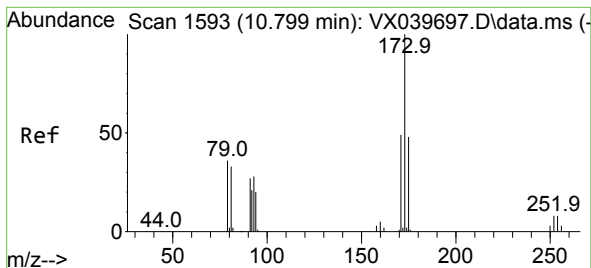
Ion Ratio Lower Upper

104 100

78 57.7 43.6 65.4

103 55.5 43.6 65.4





#71

Bromoform

Concen: 57.190 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-37-40MSD

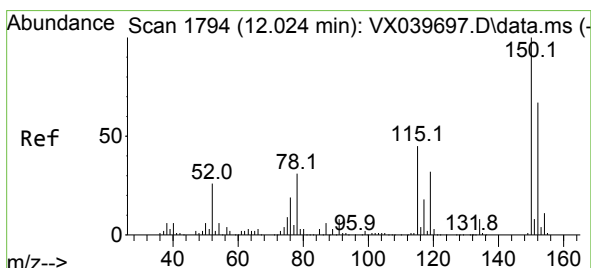
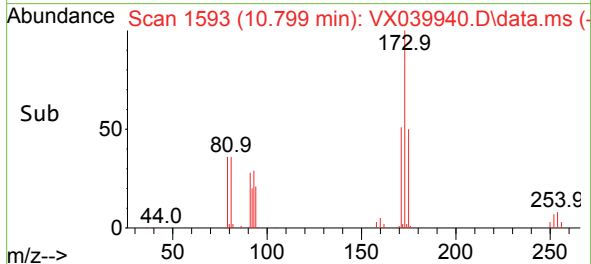
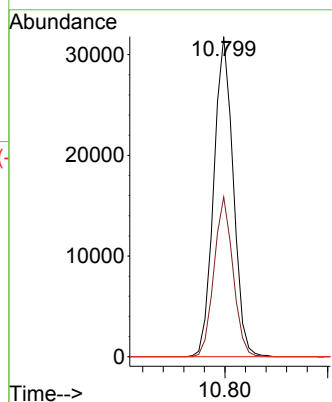
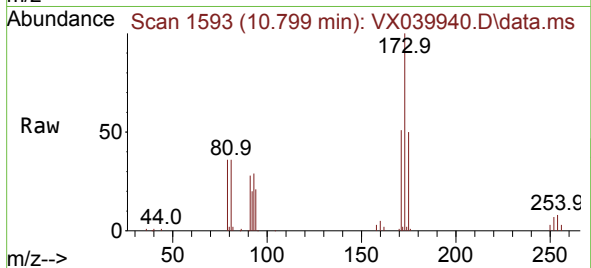
Tgt Ion:173 Resp: 41651

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: VX039940.D

Acq: 24 Jan 2024 16:30

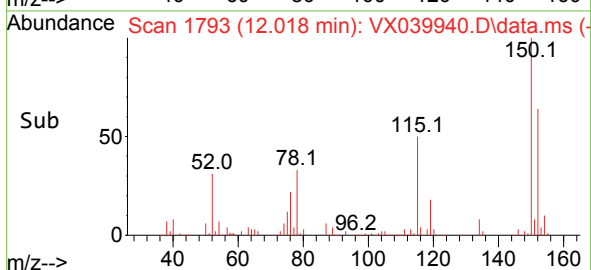
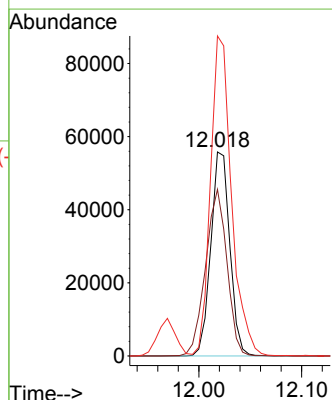
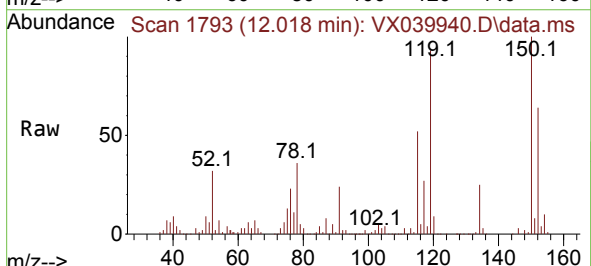
Tgt Ion:152 Resp: 71579

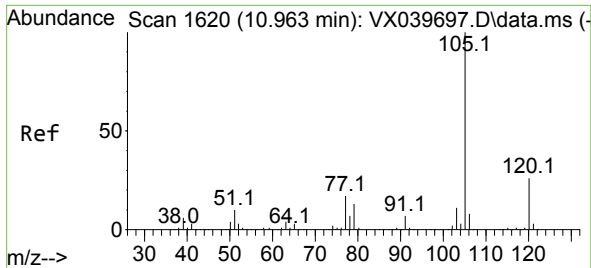
Ion Ratio Lower Upper

152 100

115 92.3 43.3 129.9

150 173.4 0.0 345.0

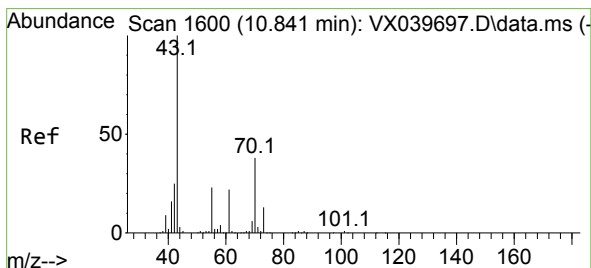
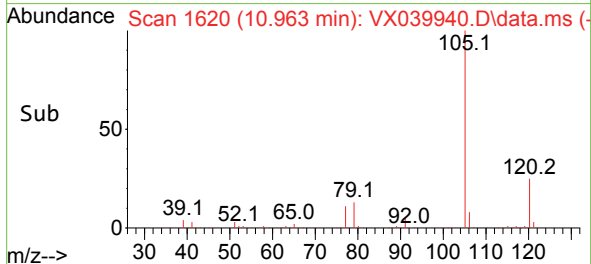
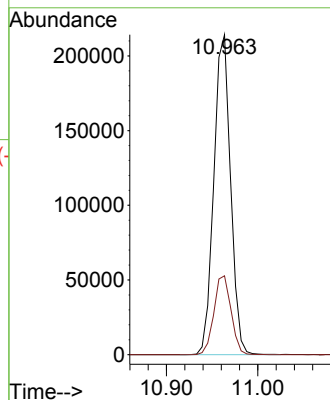
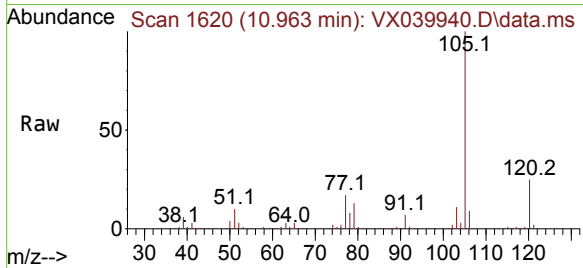




#73
Isopropylbenzene
Concen: 47.754 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

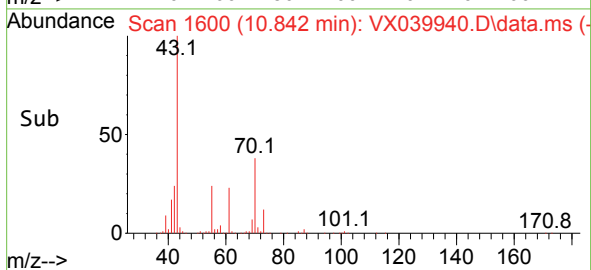
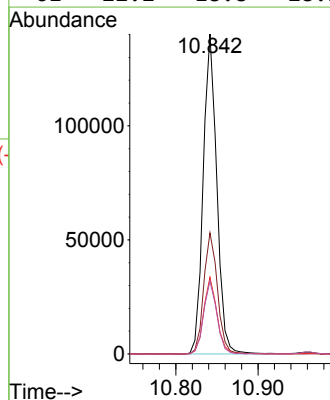
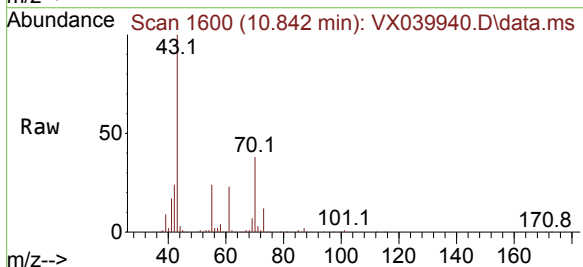
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

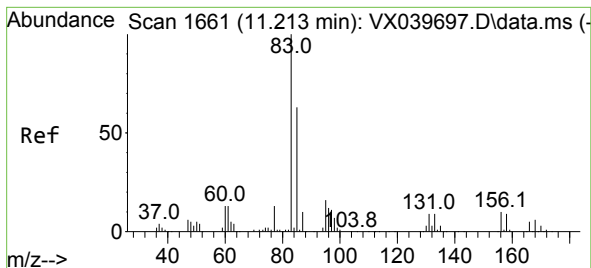
Tgt Ion:105 Resp: 272141
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.6



#74
N-ethyl acetate
Concen: 54.139 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 43 Resp: 160822
Ion Ratio Lower Upper
43 100
70 38.3 32.9 49.3
55 23.6 19.3 28.9
61 22.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.753 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-37-40MSD

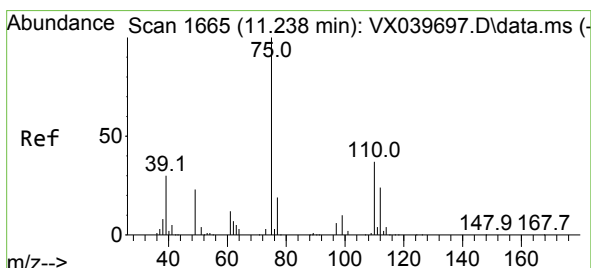
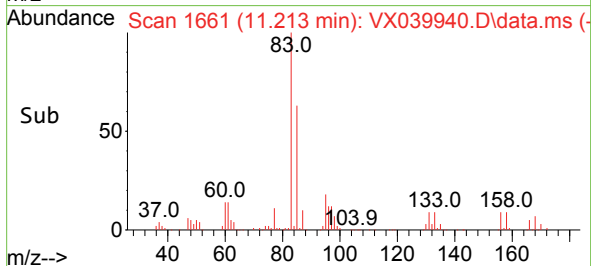
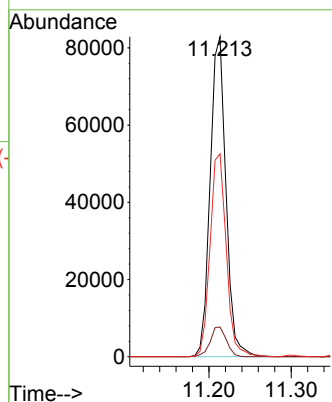
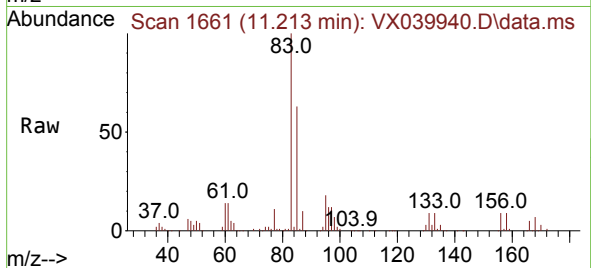
Tgt Ion: 83 Resp: 110447

Ion Ratio Lower Upper

83 100

131 9.5 5.3 15.8

85 65.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 65.455 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039940.D

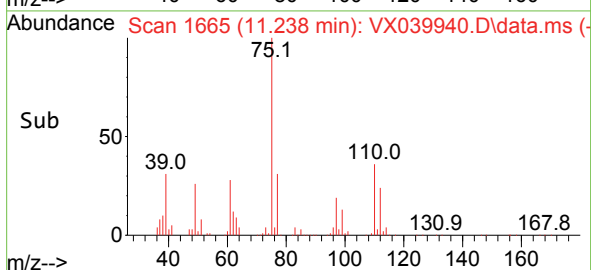
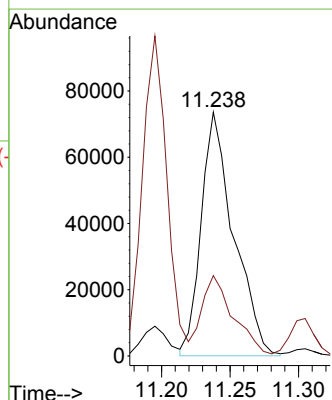
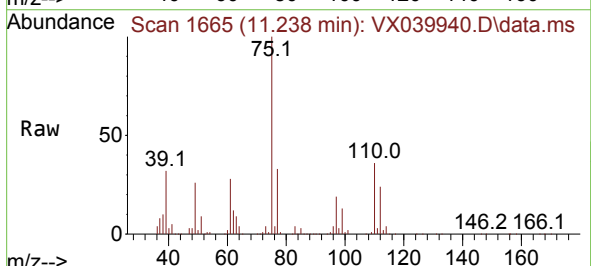
Acq: 24 Jan 2024 16:30

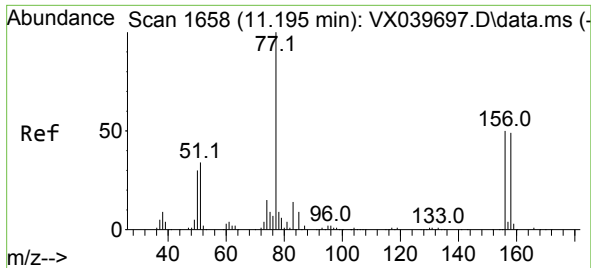
Tgt Ion: 75 Resp: 121469

Ion Ratio Lower Upper

75 100

77 32.3 19.1 57.5

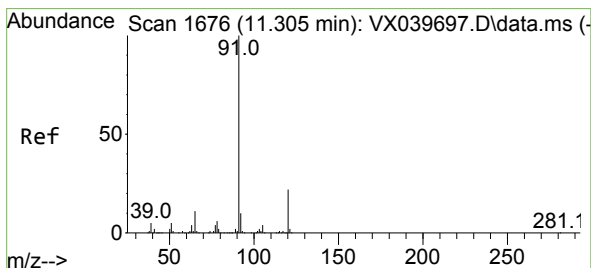
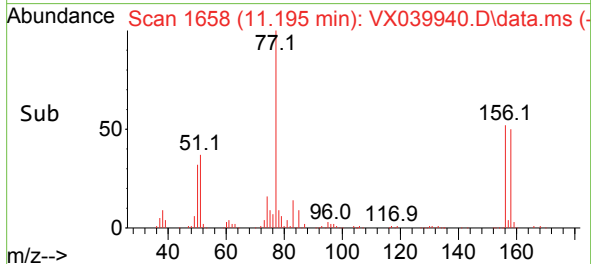
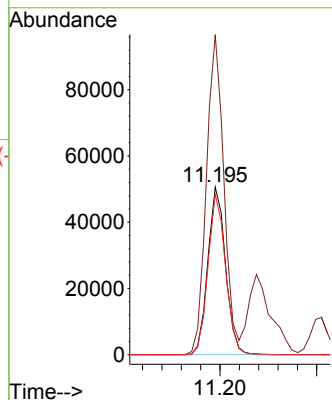
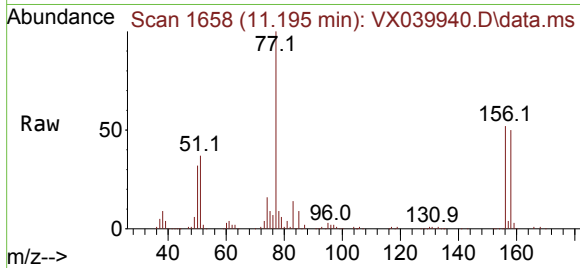




#77
Bromobenzene
Concen: 50.765 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

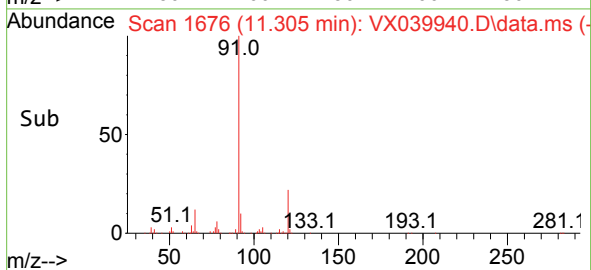
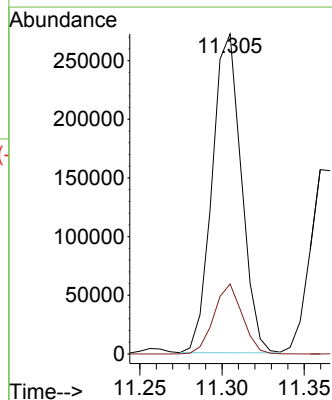
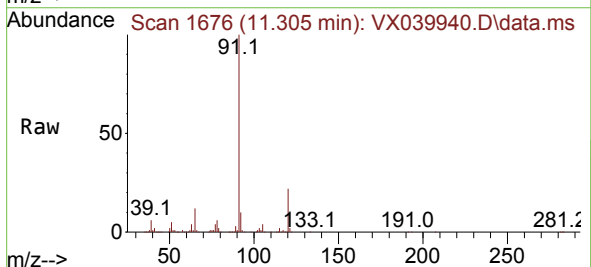
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

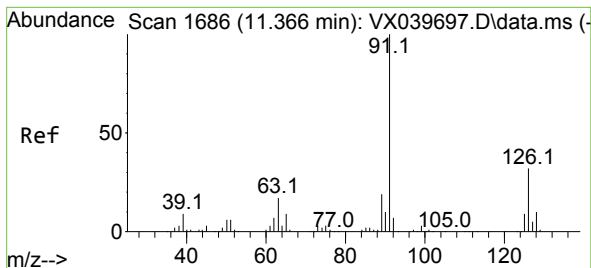
Tgt Ion:156 Resp: 64414
Ion Ratio Lower Upper
156 100
77 188.3 88.4 265.3
158 94.7 48.0 144.0



#78
n-propylbenzene
Concen: 48.665 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 91 Resp: 335672
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.972 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

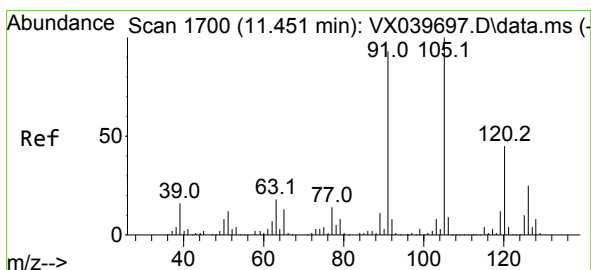
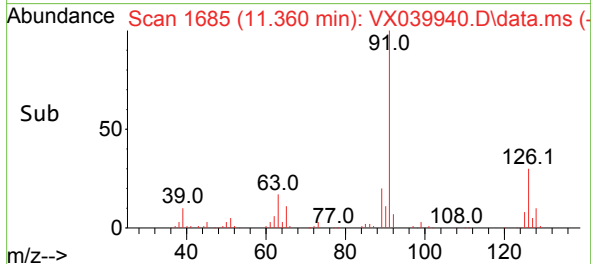
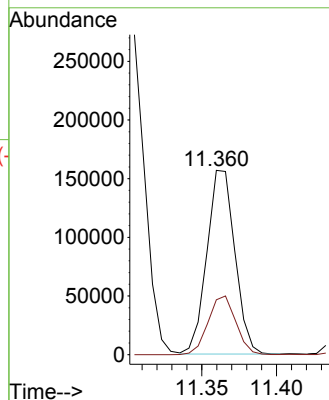
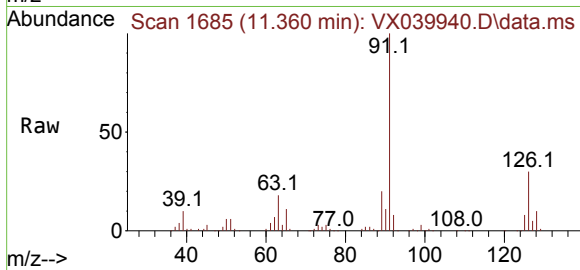
SUMOGW-2-37-40MSD

Tgt Ion: 91 Resp: 204509

Ion Ratio Lower Upper

91 100

126 31.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 49.426 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039940.D

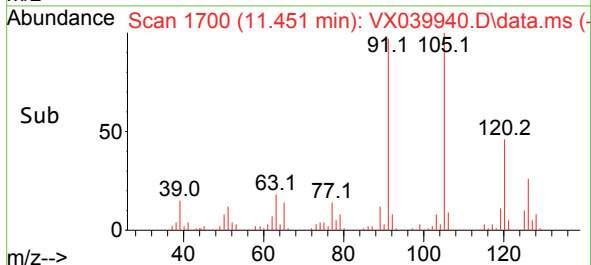
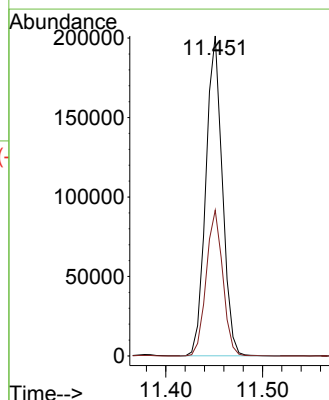
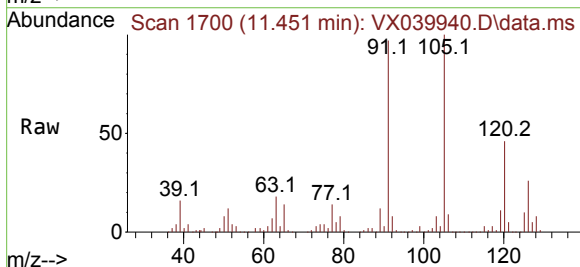
Acq: 24 Jan 2024 16:30

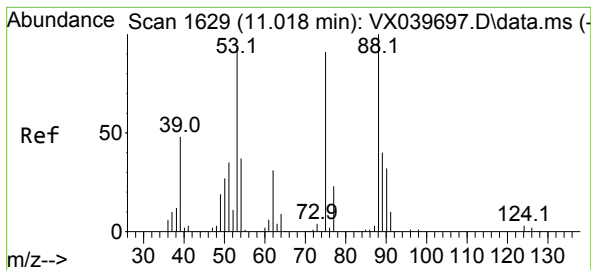
Tgt Ion: 105 Resp: 239228

Ion Ratio Lower Upper

105 100

120 45.7 24.1 72.3

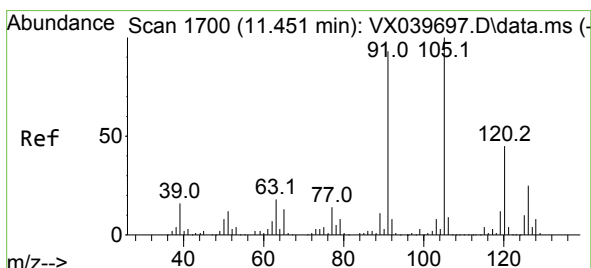
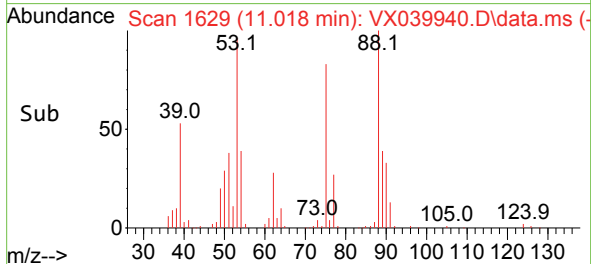
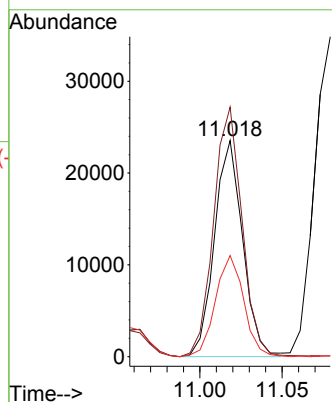
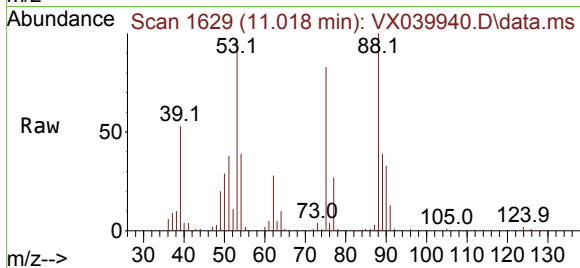




#81
trans-1,4-Dichloro-2-butene
Concen: 45.660 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

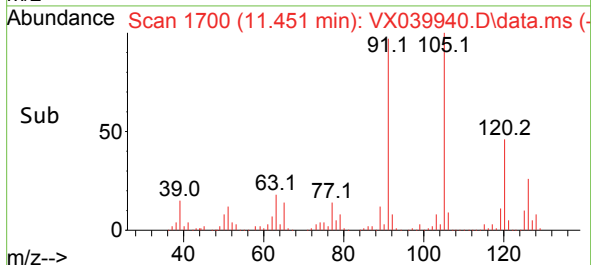
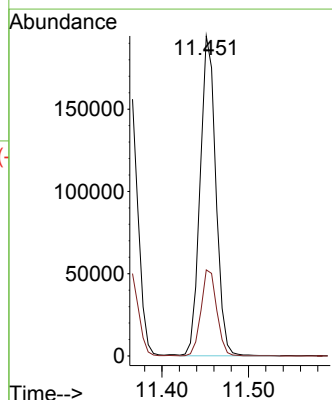
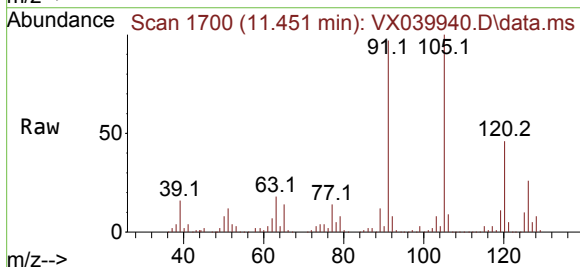
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

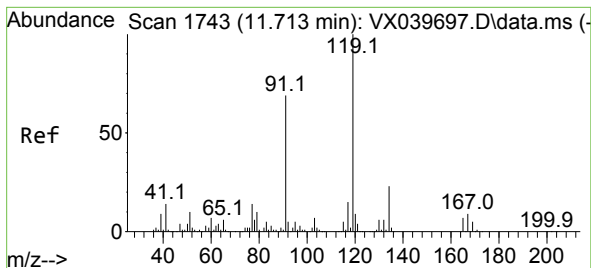
Tgt Ion: 75 Resp: 28103
Ion Ratio Lower Upper
75 100
53 116.5 90.5 135.7
89 46.8 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.559 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 91 Resp: 244479
Ion Ratio Lower Upper
91 100
126 27.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.550 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-37-40MSD

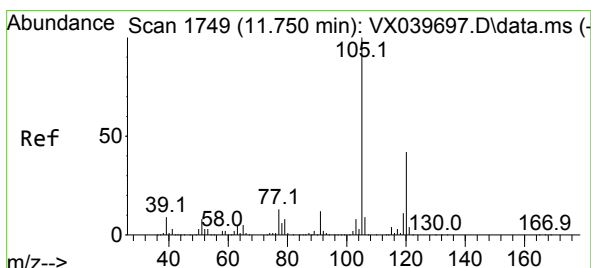
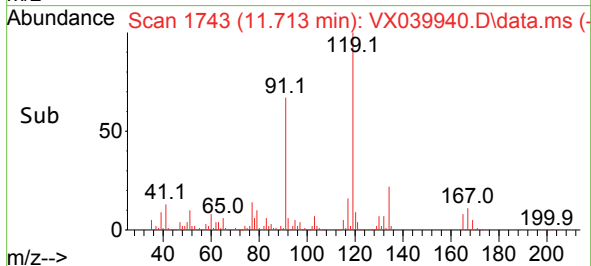
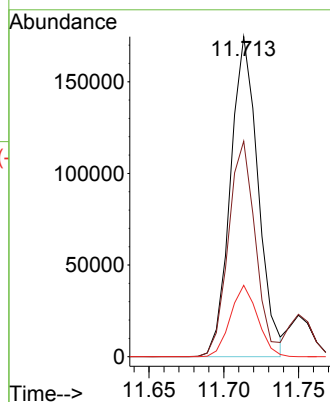
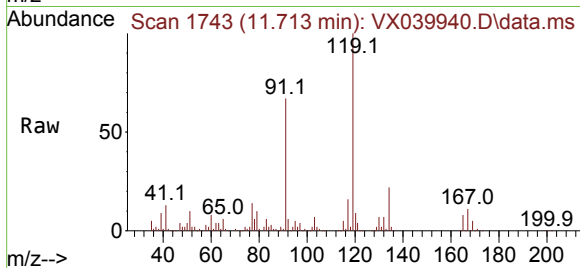
Tgt Ion:119 Resp: 224347

Ion Ratio Lower Upper

119 100

91 66.3 31.2 93.6

134 22.0 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 50.702 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039940.D

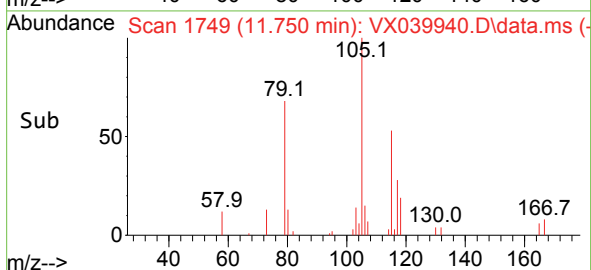
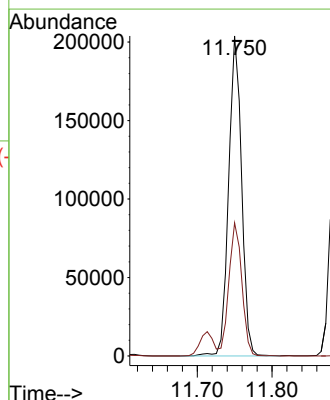
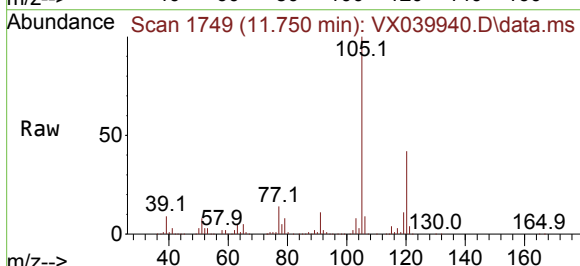
Acq: 24 Jan 2024 16:30

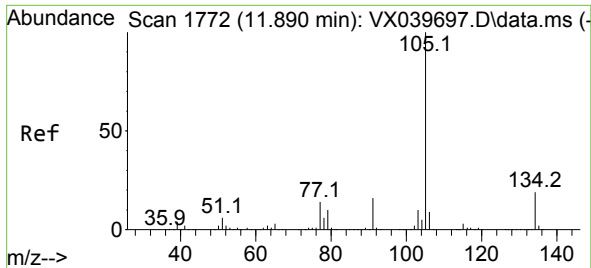
Tgt Ion:105 Resp: 244832

Ion Ratio Lower Upper

105 100

120 42.1 21.2 63.6

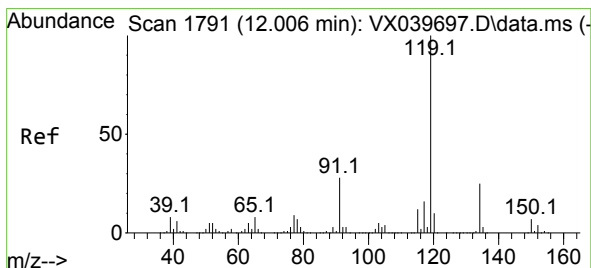
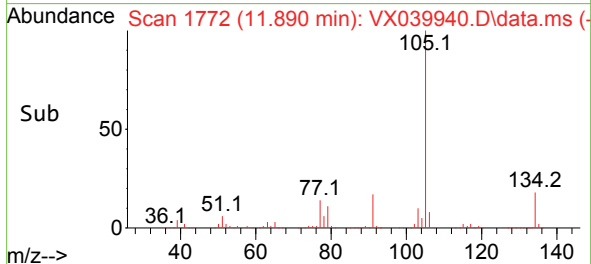
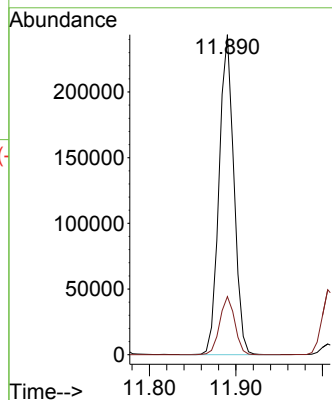
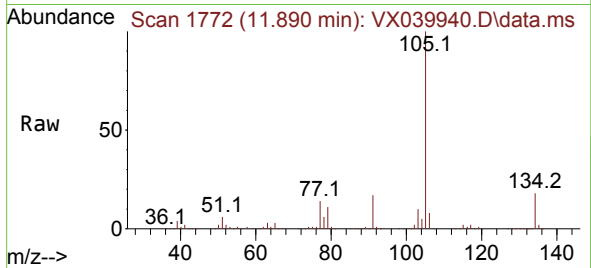




#85
sec-Butylbenzene
Concen: 48.230 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

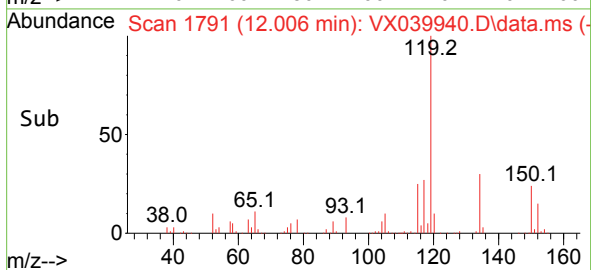
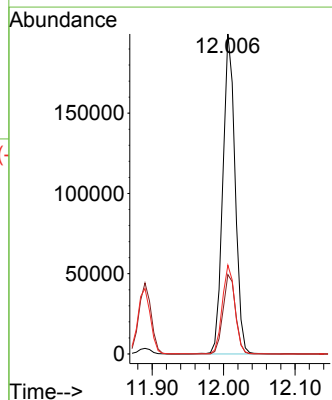
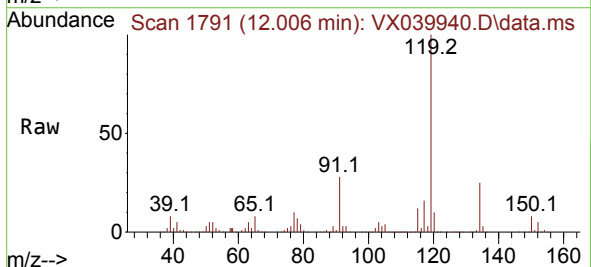
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

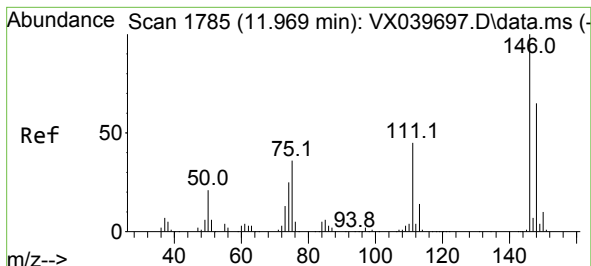
Tgt Ion:105 Resp: 289306
Ion Ratio Lower Upper
105 100
134 18.4 9.8 29.4



#86
p-Isopropyltoluene
Concen: 49.480 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion:119 Resp: 237212
Ion Ratio Lower Upper
119 100
134 25.4 12.8 38.3
91 28.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.413 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-37-40MSD

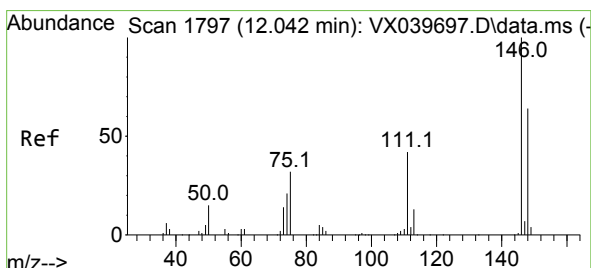
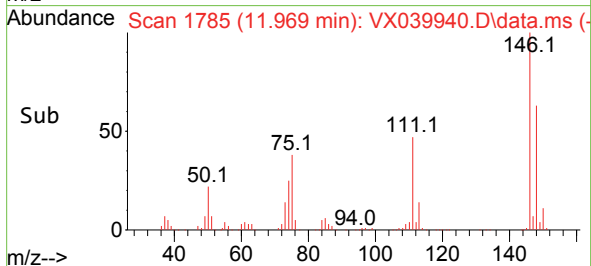
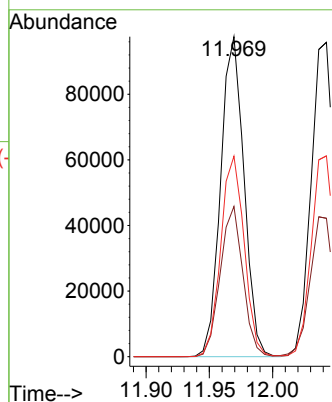
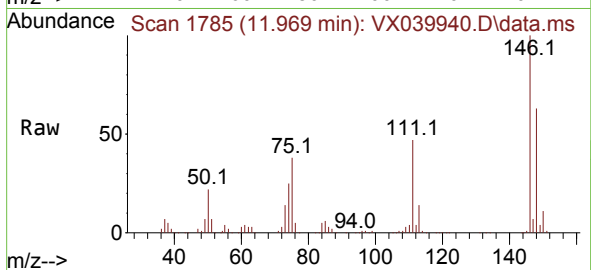
Tgt Ion:146 Resp: 125051

Ion Ratio Lower Upper

146 100

111 45.7 22.1 66.1

148 62.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.739 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

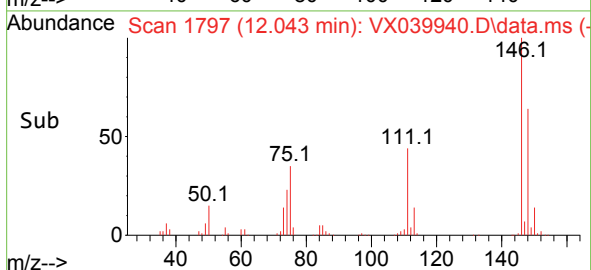
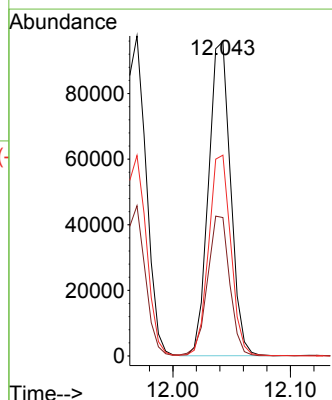
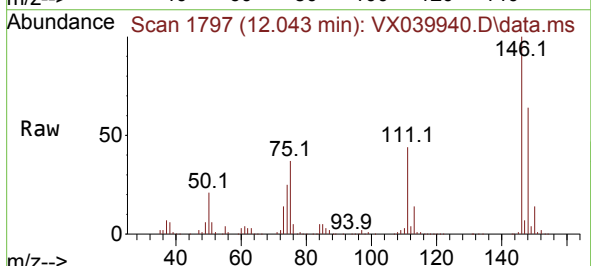
Tgt Ion:146 Resp: 124952

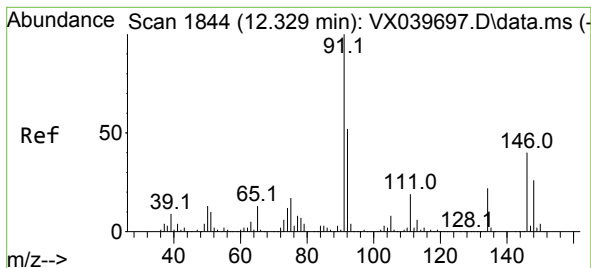
Ion Ratio Lower Upper

146 100

111 44.8 21.3 63.7

148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 50.354 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-37-40MSD

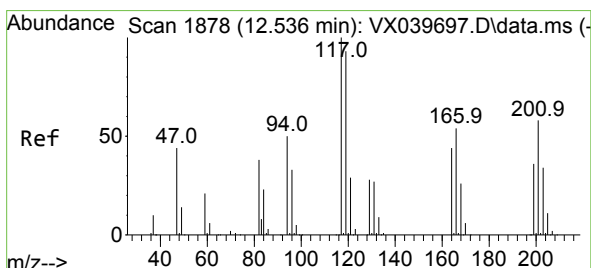
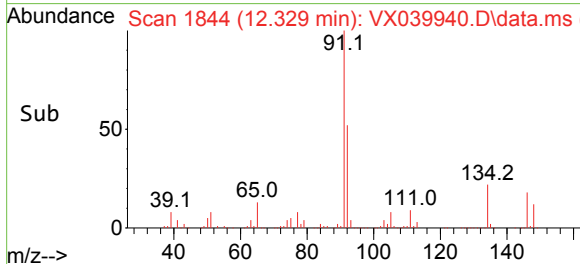
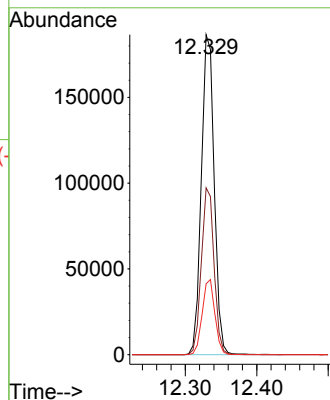
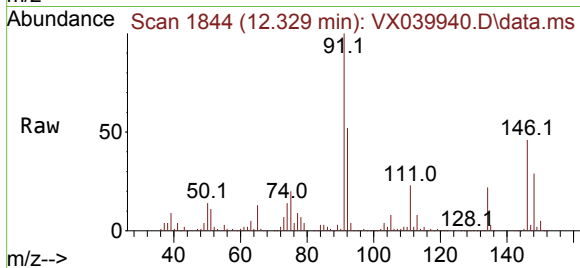
Tgt Ion: 91 Resp: 233159

Ion Ratio Lower Upper

91 100

92 51.6 27.4 82.0

134 23.1 12.6 37.8



#90

Hexachloroethane

Concen: 47.402 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039940.D

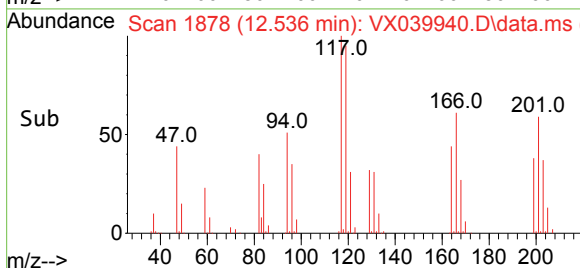
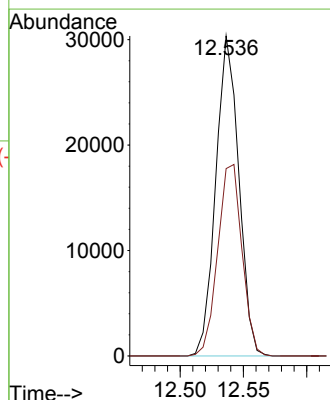
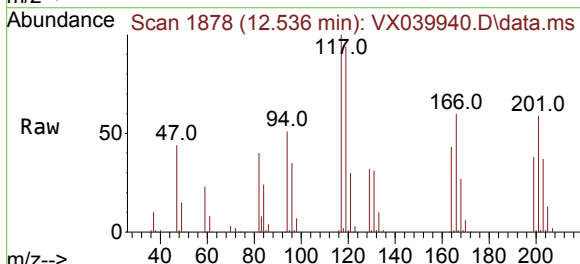
Acq: 24 Jan 2024 16:30

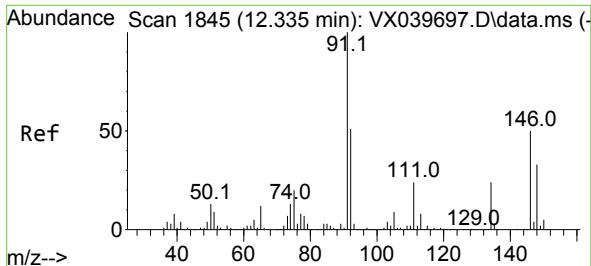
Tgt Ion: 117 Resp: 38338

Ion Ratio Lower Upper

117 100

201 63.3 32.9 98.6

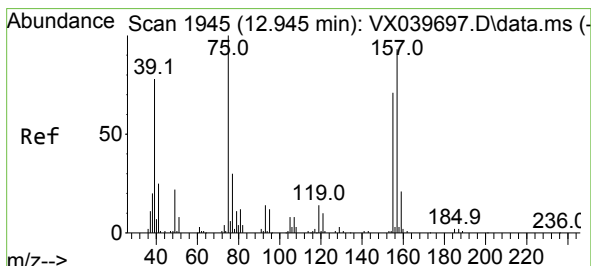
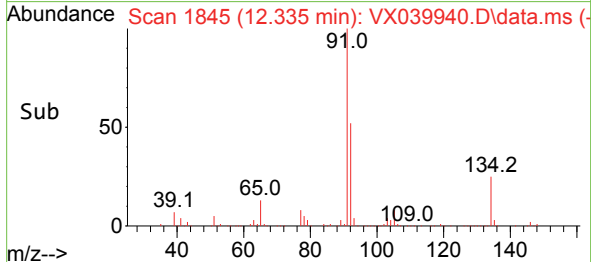
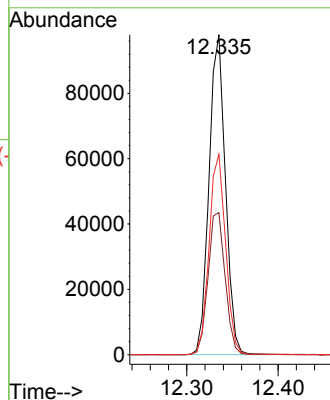
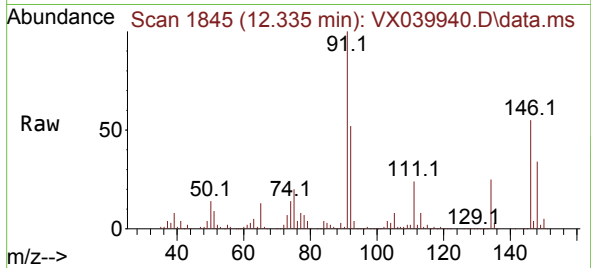




#91
1,2-Dichlorobenzene
Concen: 50.627 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

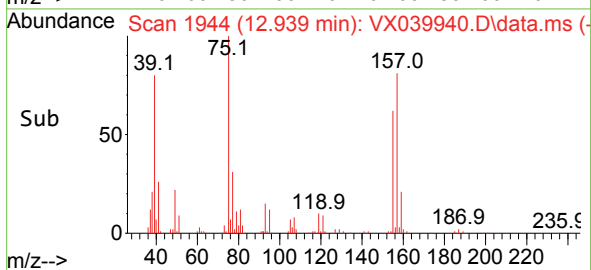
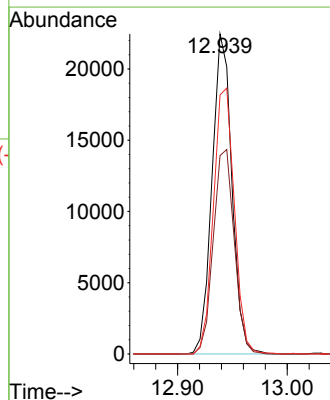
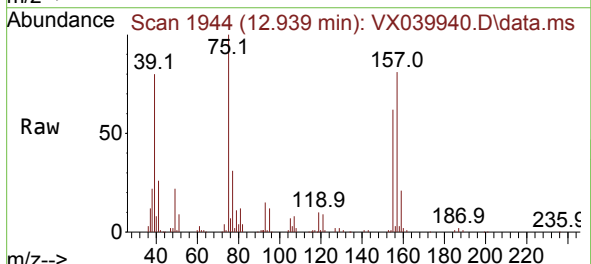
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40MSD

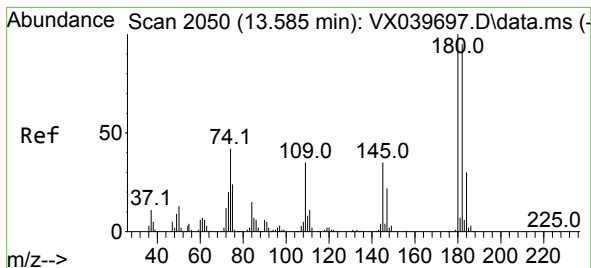
Tgt Ion:146 Resp: 121740
Ion Ratio Lower Upper
146 100
111 46.4 22.4 67.0
148 63.1 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.013 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039940.D
Acq: 24 Jan 2024 16:30

Tgt Ion: 75 Resp: 28269
Ion Ratio Lower Upper
75 100
155 67.3 36.1 108.5
157 87.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.795 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-37-40MSD

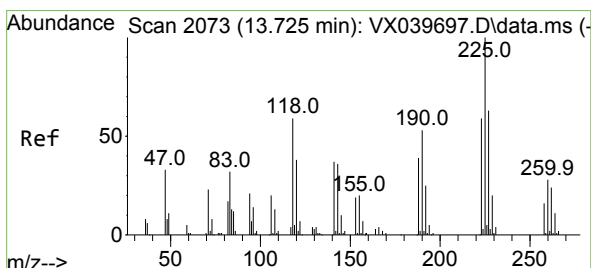
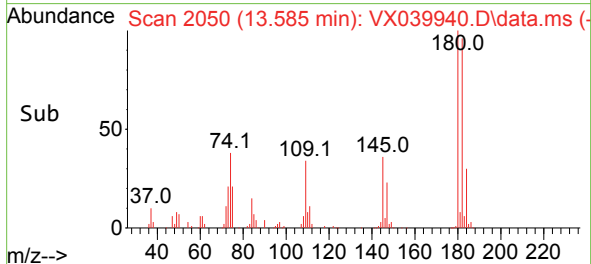
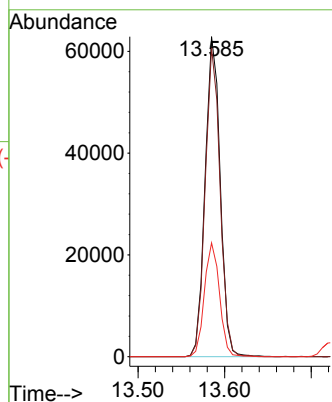
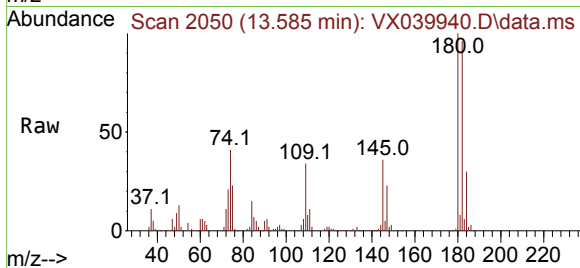
Tgt Ion:180 Resp: 76112

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.8

145 35.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 46.434 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

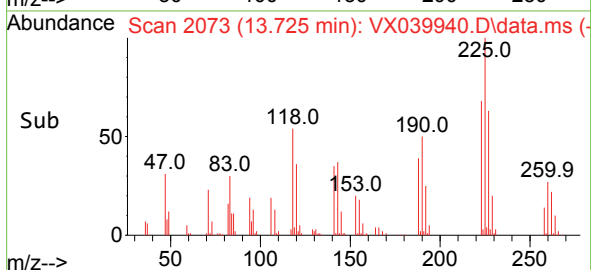
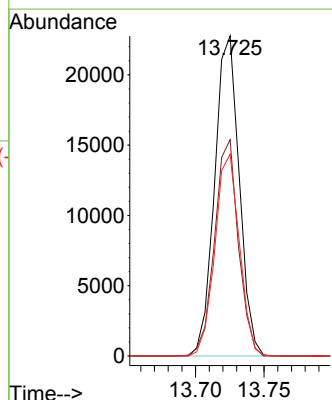
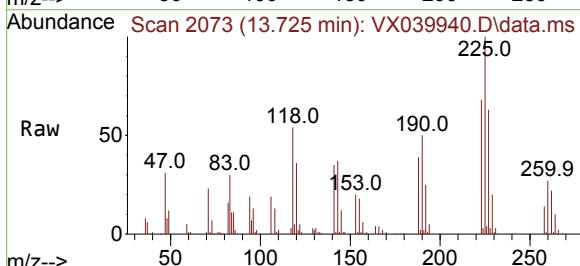
Tgt Ion:225 Resp: 28365

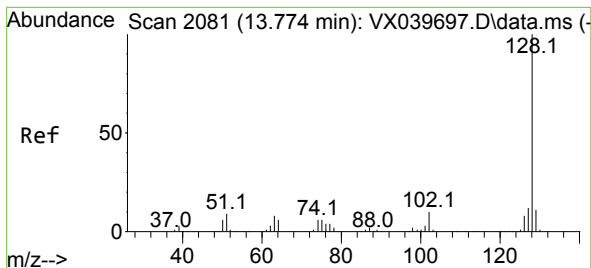
Ion Ratio Lower Upper

225 100

223 65.4 31.1 93.2

227 62.7 32.5 97.5





#95

Naphthalene

Concen: 52.145 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-37-40MSD

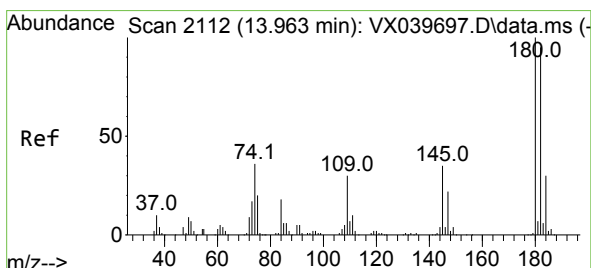
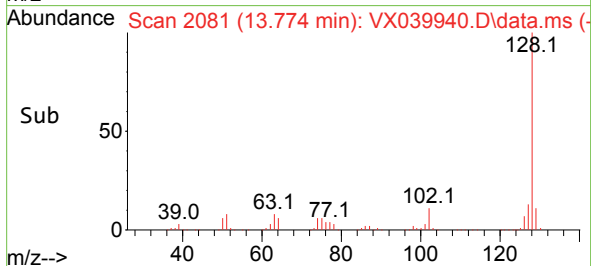
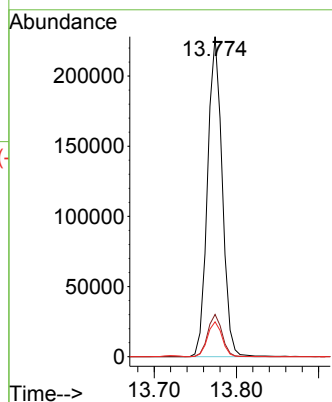
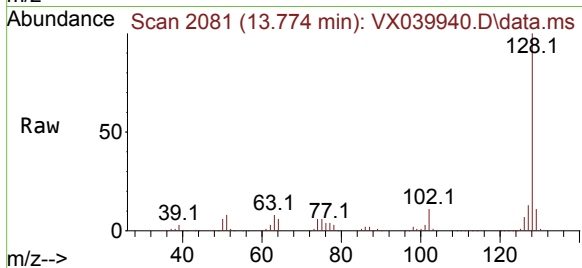
Tgt Ion:128 Resp: 282089

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.766 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039940.D

Acq: 24 Jan 2024 16:30

Tgt Ion:180 Resp: 75291

Ion Ratio Lower Upper

180 100

182 94.7 46.9 140.6

145 37.1 17.8 53.5

