

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038291.D
 Acq On : 13 Oct 2023 17:48
 Operator : JC/MD
 Sample : 04875-10MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-14-12-15MSD

Quant Time: Oct 13 23:16:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	150631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137663	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116659	48.150	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.300%
35) Dibromofluoromethane	5.385	113	95152	51.984	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.960%
50) Toluene-d8	8.647	98	346345	49.517	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.040%
62) 4-Bromofluorobenzene	11.079	95	136164	51.350	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68002	46.770	ug/l	97
3) Chloromethane	1.300	50	64418	43.469	ug/l	96
4) Vinyl Chloride	1.374	62	82689	50.326	ug/l	97
5) Bromomethane	1.599	94	98230	45.443	ug/l	98
6) Chloroethane	1.685	64	60392	50.227	ug/l	99
7) Trichlorofluoromethane	1.886	101	166163	51.200	ug/l	100
8) Diethyl Ether	2.130	74	60294	49.814	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	74029	52.251	ug/l	98
10) Methyl Iodide	2.453	142	95201	46.701	ug/l	94
11) Tert butyl alcohol	2.959	59	106791	197.339	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	68436	49.658	ug/l	89
13) Acrolein	2.233	56	84293	244.734	ug/l	99
14) Allyl chloride	2.666	41	112042	45.452	ug/l	93
15) Acrylonitrile	3.062	53	267248	242.387	ug/l	99
16) Acetone	2.380	43	221939	219.491	ug/l	92
17) Carbon Disulfide	2.514	76	159369	40.122	ug/l	100
18) Methyl Acetate	2.703	43	212749	49.064	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	267883	48.806	ug/l	97
20) Methylene Chloride	2.788	84	83623	43.967	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	83424	48.890	ug/l	89
22) Diisopropyl ether	3.763	45	247902	47.984	ug/l #	83
23) Vinyl Acetate	3.721	43	894576	236.116	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	148309	47.302	ug/l	99
25) 2-Butanone	4.550	43	376923	231.032	ug/l	91
26) 2,2-Dichloropropane	4.477	77	111709	45.634	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	101183	49.790	ug/l	90
28) Bromochloromethane	4.897	49	71824	50.745	ug/l	83
29) Tetrahydrofuran	5.001	42	243361	229.112	ug/l #	86
30) Chloroform	5.092	83	177811	51.861	ug/l	98
31) Cyclohexane	5.470	56	117578	44.793	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	148390	50.530	ug/l	98
36) 1,1-Dichloropropene	5.696	75	116968	46.340	ug/l	97
37) Ethyl Acetate	4.708	43	141300	47.135	ug/l	97
38) Carbon Tetrachloride	5.678	117	125455	50.524	ug/l	97
39) Methylcyclohexane	7.379	83	138147	46.726	ug/l	93
40) Benzene	6.037	78	347879	49.276	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	73761	49.462	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	136159	48.272	ug/l	99
43) Isopropyl Acetate	6.342	43	214528	47.938	ug/l #	96
44) Trichloroethene	7.129	130	99962	54.136	ug/l	97
45) 1,2-Dichloropropane	7.434	63	89687	49.084	ug/l	99
46) Dibromomethane	7.580	93	71449	50.417	ug/l	97
47) Bromodichloromethane	7.824	83	131528	52.171	ug/l	96
48) Methyl methacrylate	7.690	41	105355	49.315	ug/l #	84
49) 1,4-Dioxane	7.659	88	44895	852.796	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	763629	247.388	ug/l	96
52) Toluene	8.720	92	617478	134.269	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	137130	50.674	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	143215	50.372	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	100708	51.197	ug/l	97
56) Ethyl methacrylate	9.116	69	150936	50.046	ug/l	92
57) 1,3-Dichloropropane	9.305	76	161038	50.618	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.177	63	435	0.294	ug/l #	47
59) 2-Hexanone	9.427	43	615862	248.179	ug/l	95
60) Dibromochloromethane	9.518	129	106334	55.234	ug/l	99
61) 1,2-Dibromoethane	9.610	107	112380	52.831	ug/l	98
64) Tetrachloroethene	9.275	164	82819	50.484	ug/l	97
65) Chlorobenzene	10.079	112	258380	48.726	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	95692	53.366	ug/l	98
67) Ethyl Benzene	10.195	91	466790	49.316	ug/l	100
68) m/p-Xylenes	10.299	106	362703	99.102	ug/l	98
69) o-Xylene	10.640	106	177663	49.737	ug/l	100
70) Styrene	10.652	104	295022	50.716	ug/l	97
71) Bromoform	10.799	173	77677	46.886	ug/l #	100
73) Isopropylbenzene	10.963	105	464255	50.287	ug/l	99
74) N-amyl acetate	10.841	43	192658	48.868	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	175714	51.869	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	187615	59.949	ug/l	90
77) Bromobenzene	11.201	156	113584	50.393	ug/l	91
78) n-propylbenzene	11.305	91	552540	48.947	ug/l	99
79) 2-Chlorotoluene	11.366	91	323970	48.392	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	399210	50.121	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	46826	44.198	ug/l	93
82) 4-Chlorotoluene	11.451	91	381253	48.126	ug/l	97
83) tert-Butylbenzene	11.713	119	402301	51.692	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	397810	50.093	ug/l	99
85) sec-Butylbenzene	11.890	105	499855	49.581	ug/l	100
86) p-Isopropyltoluene	12.006	119	419751	50.464	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	218162	48.190	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	224785	48.635	ug/l	98
89) n-Butylbenzene	12.335	91	392444	47.375	ug/l	97
90) Hexachloroethane	12.536	117	71078	51.539	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	217340	49.945	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41607	50.798	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	142635	48.869	ug/l	97
94) Hexachlorobutadiene	13.725	225	58171	49.518	ug/l	99
95) Naphthalene	13.774	128	501300	49.320	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	141230	49.974	ug/l	98

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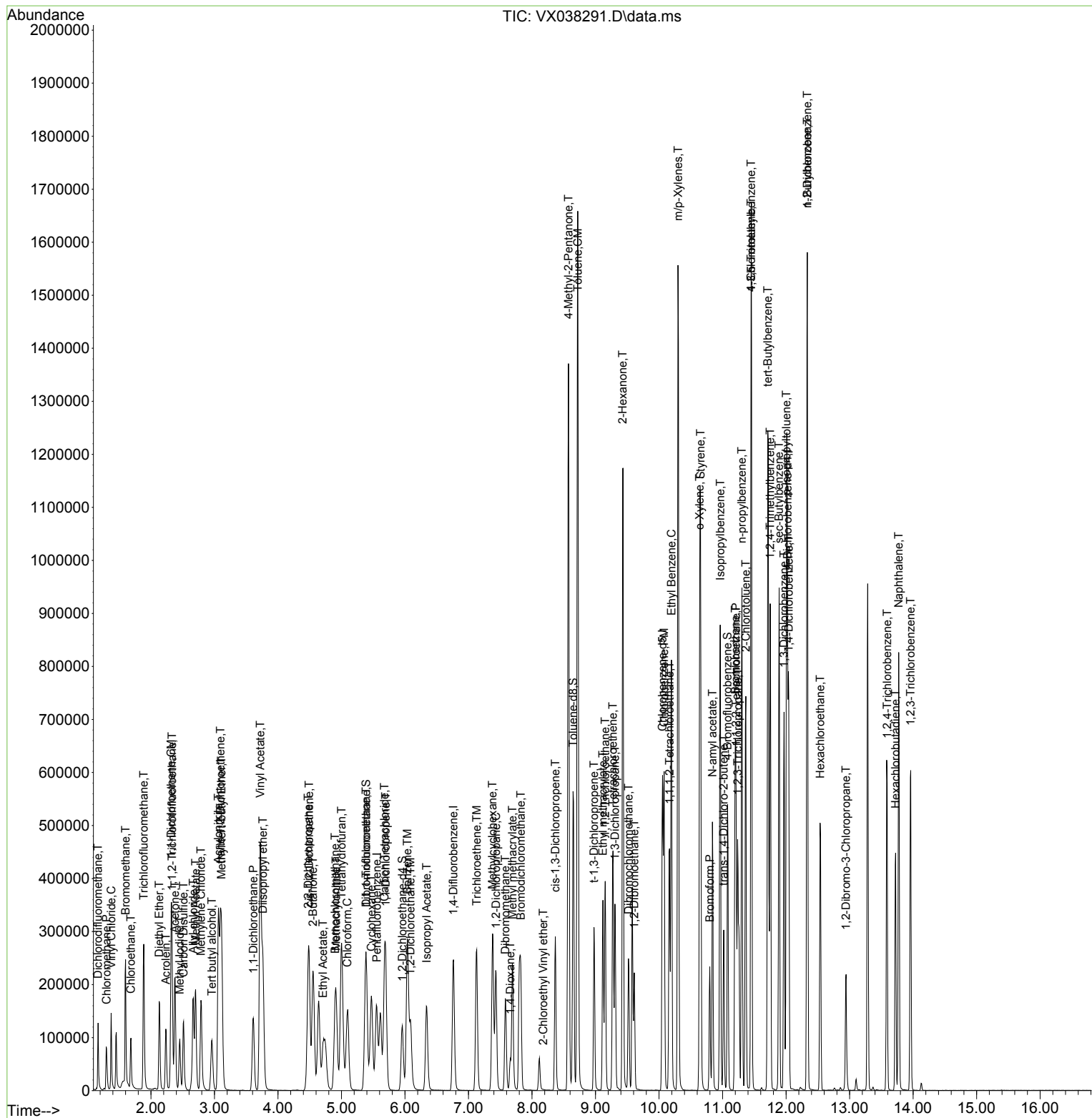
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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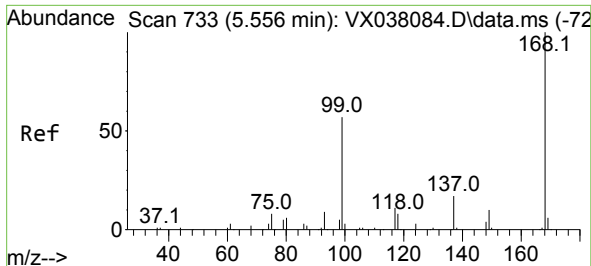
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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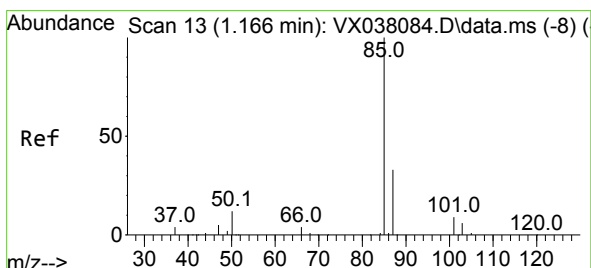
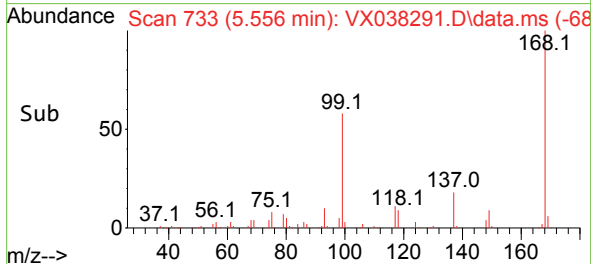
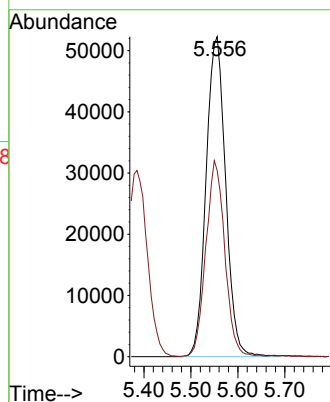
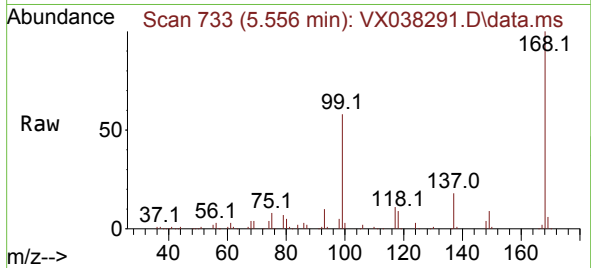




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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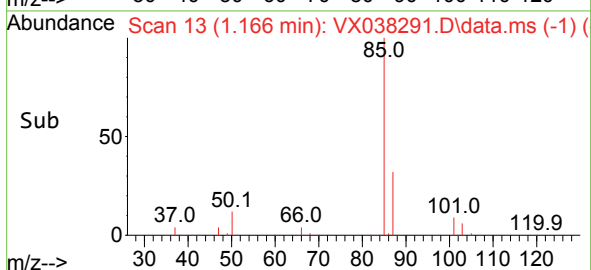
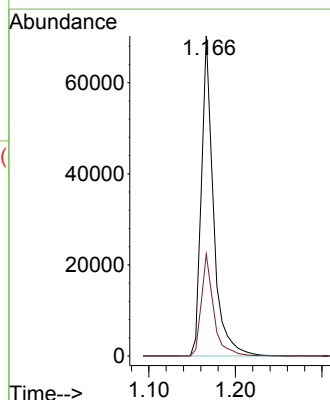
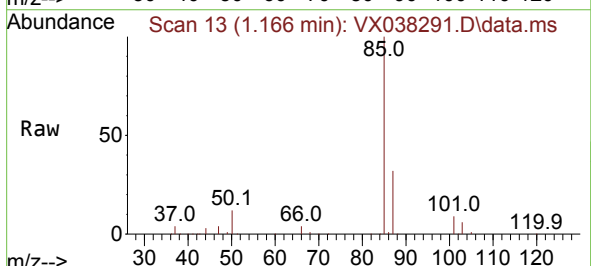
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

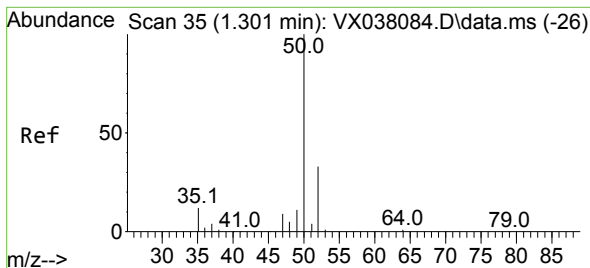
Tgt Ion:168 Resp: 150631
Ion Ratio Lower Upper
168 100
99 58.1 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 46.770 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 85 Resp: 68002
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





#3

Chloromethane

Concen: 43.469 ug/l

RT: 1.300 min Scan# 31

Delta R.T. -0.001 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

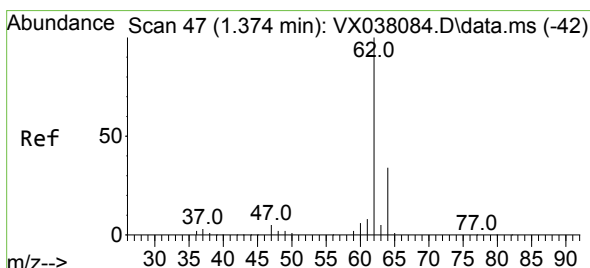
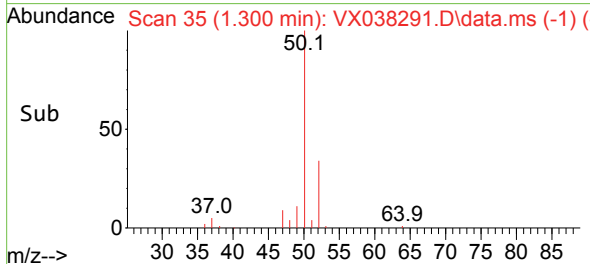
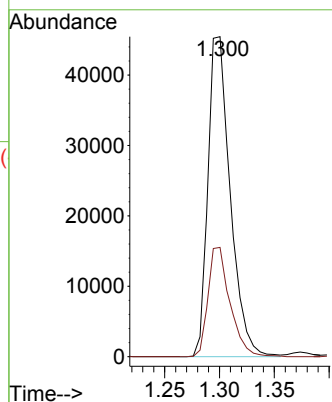
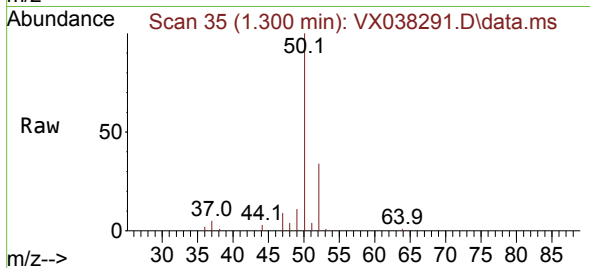
GW-14-12-15MSD

Tgt Ion: 50 Resp: 64418

Ion Ratio Lower Upper

50 100

52 34.2 25.5 38.3



#4

Vinyl Chloride

Concen: 50.326 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038291.D

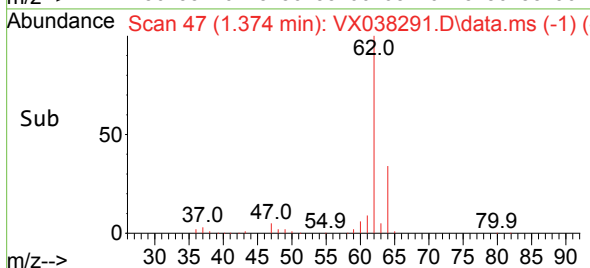
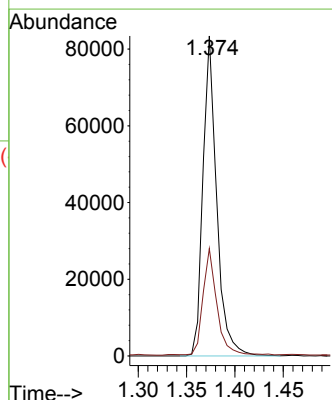
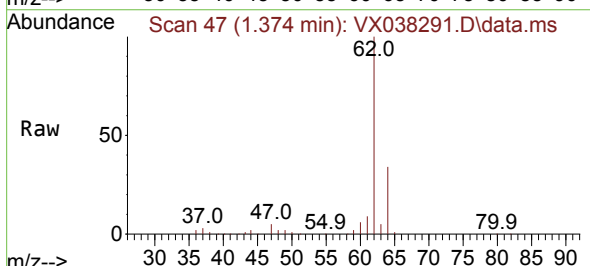
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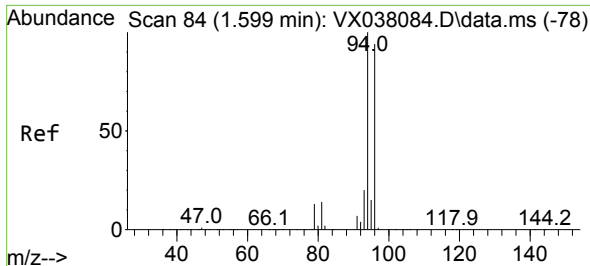
Tgt Ion: 62 Resp: 82689

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.0

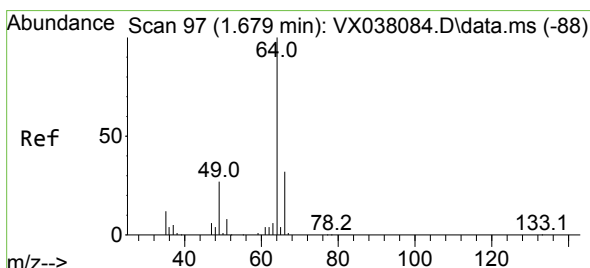
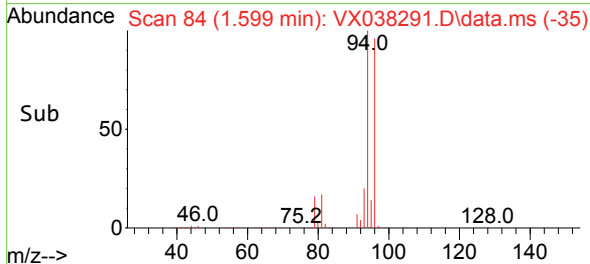
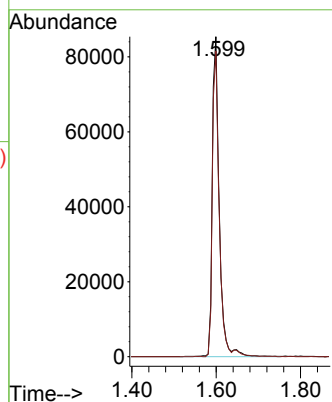
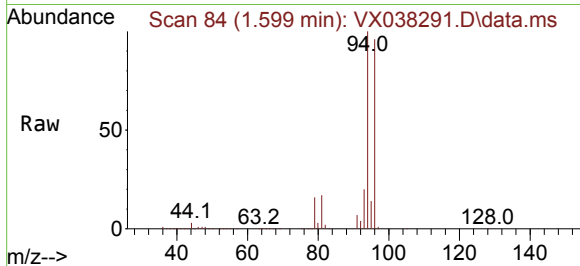




#5
 Bromomethane
 Concen: 45.443 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX038291.D
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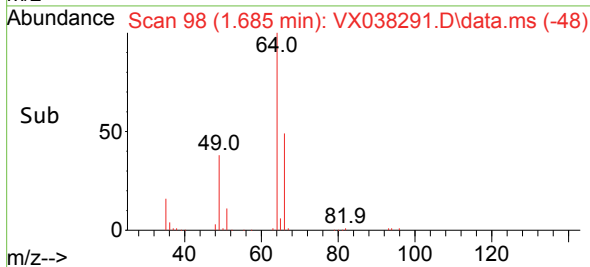
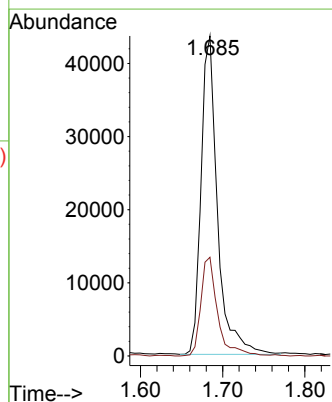
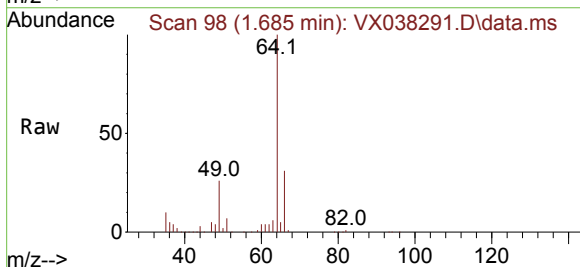
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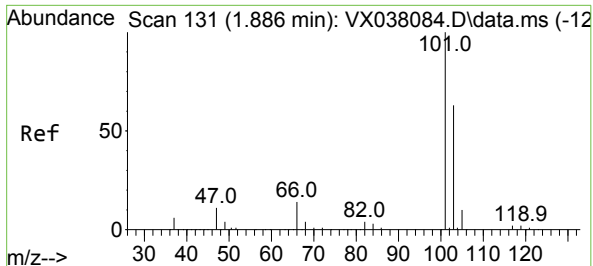
Tgt Ion: 94 Resp: 98230
 Ion Ratio Lower Upper
 94 100
 96 95.5 74.6 111.8



#6
 Chloroethane
 Concen: 50.227 ug/l
 RT: 1.685 min Scan# 98
 Delta R.T. 0.006 min
 Lab File: VX038291.D
 Acq: 13 Oct 2023 17:48

Tgt Ion: 64 Resp: 60392
 Ion Ratio Lower Upper
 64 100
 66 31.0 25.1 37.7

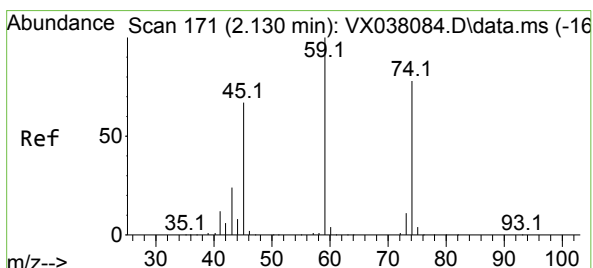
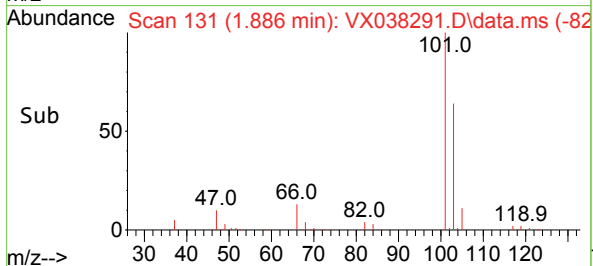
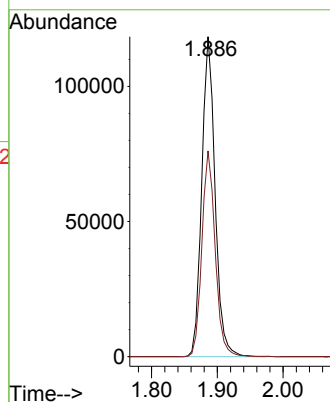
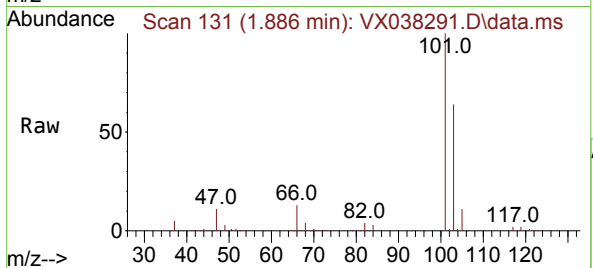




#7
Trichlorofluoromethane
Concen: 51.200 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

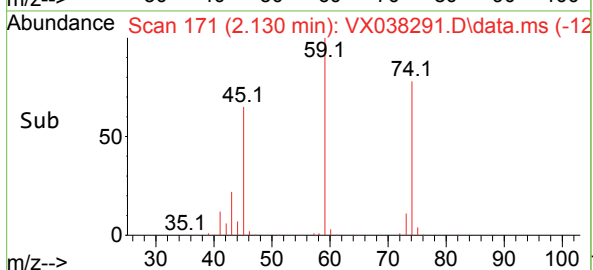
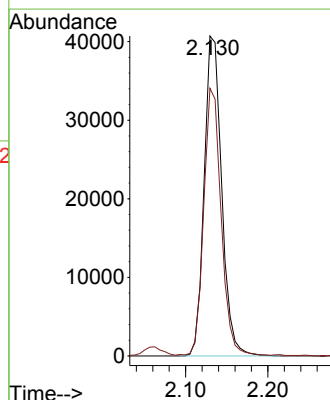
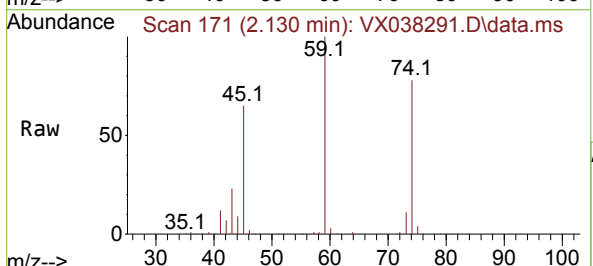
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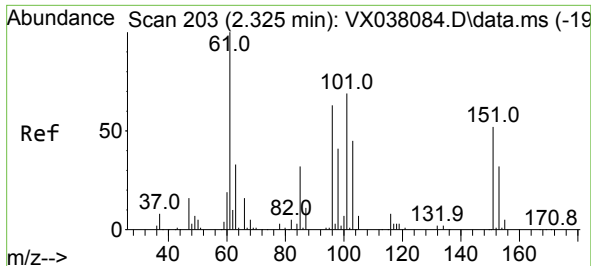
Tgt Ion:101 Resp: 166163
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2



#8
Diethyl Ether
Concen: 49.814 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 74 Resp: 60294
Ion Ratio Lower Upper
74 100
45 82.6 53.3 159.8

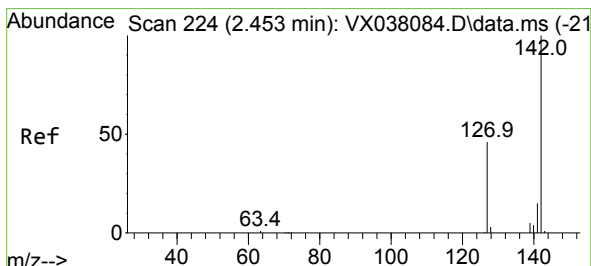
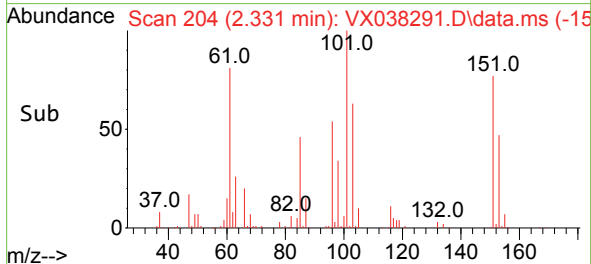
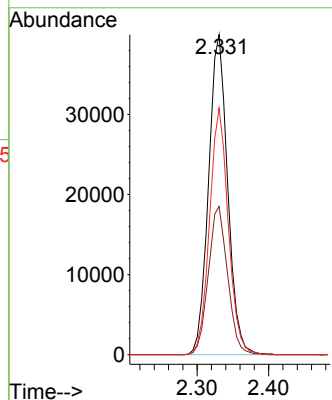
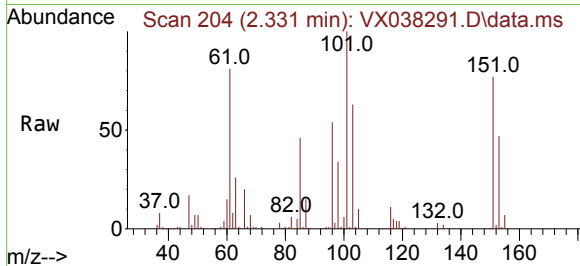




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.251 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

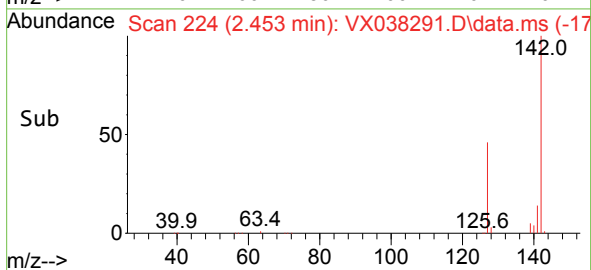
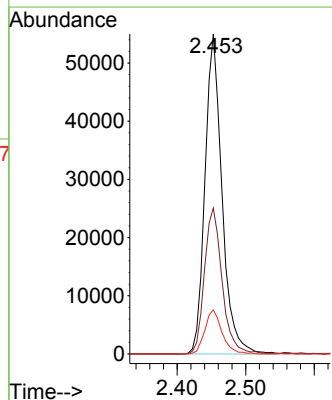
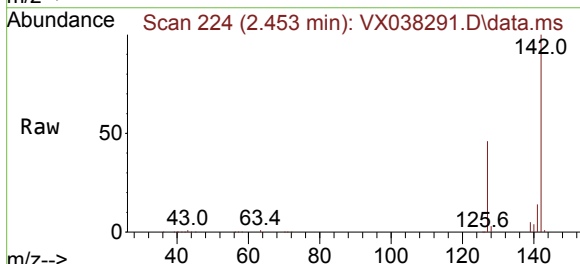
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

Tgt Ion:101 Resp: 74029
Ion Ratio Lower Upper
101 100
85 46.8 37.0 55.6
151 75.8 58.6 87.8



#10
Methyl Iodide
Concen: 46.701 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion:142 Resp: 95201
Ion Ratio Lower Upper
142 100
127 47.2 41.6 62.4
141 13.9 11.6 17.4

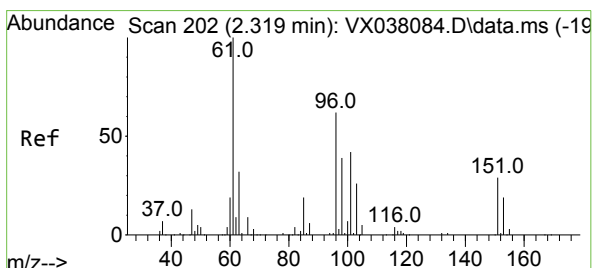
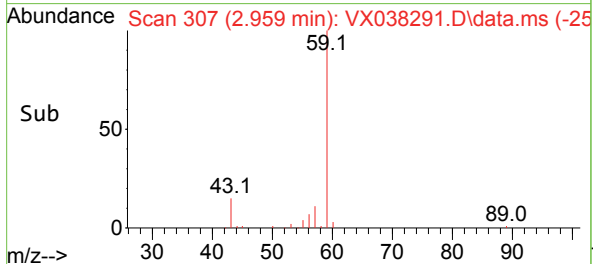
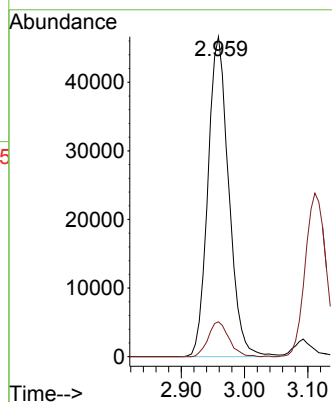
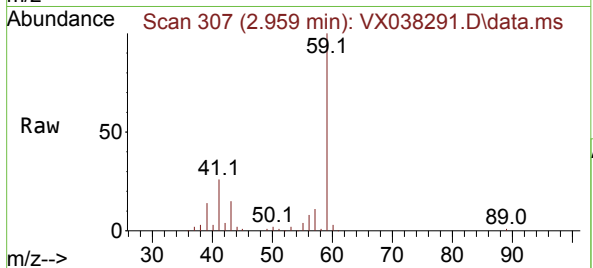




#11
Tert butyl alcohol
Concen: 197.339 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

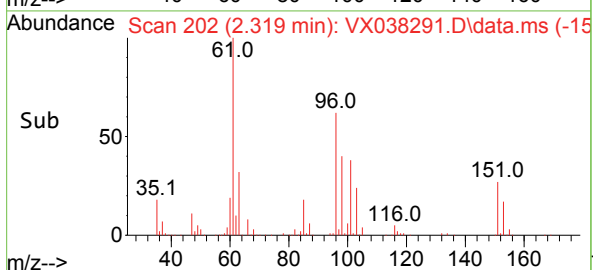
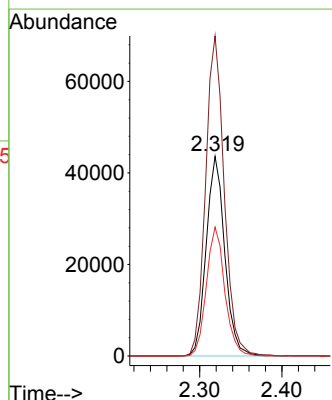
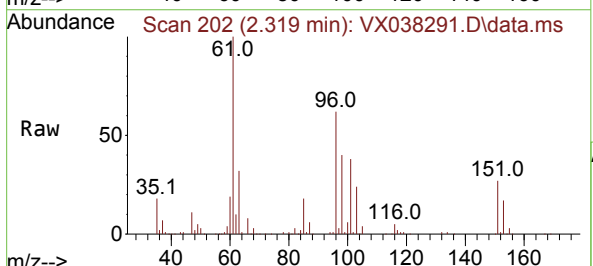
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

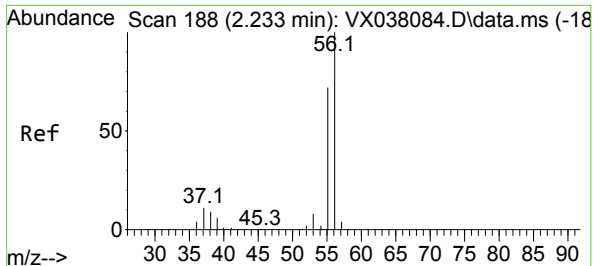
Tgt Ion: 59 Resp: 106791
Ion Ratio Lower Upper
59 100
57 10.9 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 49.658 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 96 Resp: 68436
Ion Ratio Lower Upper
96 100
61 160.3 144.6 216.8
98 64.6 50.4 75.6





#13

Acrolein

Concen: 244.734 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

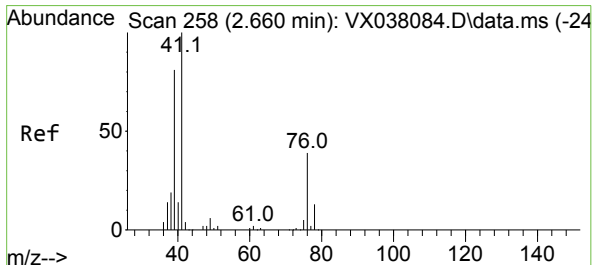
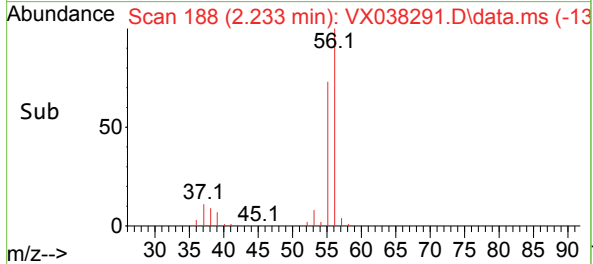
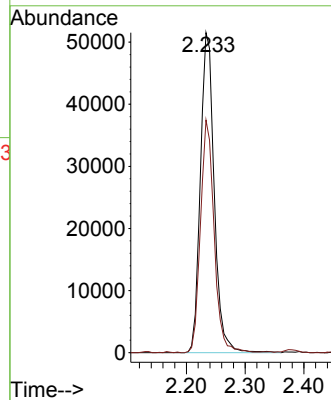
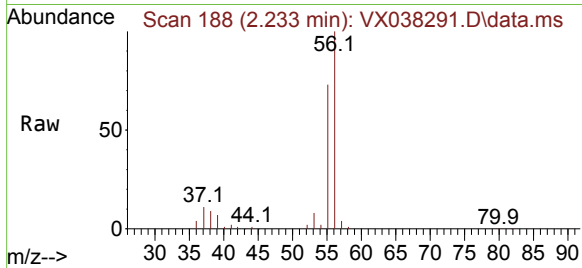
GW-14-12-15MSD

Tgt Ion: 56 Resp: 84293

Ion Ratio Lower Upper

56 100

55 71.9 57.1 85.7



#14

Allyl chloride

Concen: 45.452 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

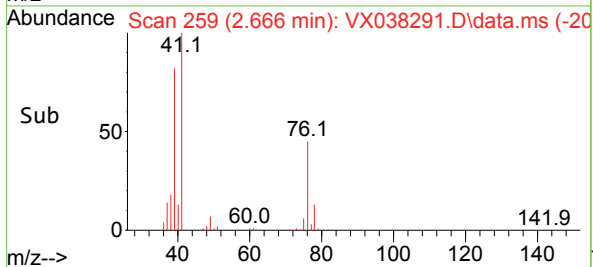
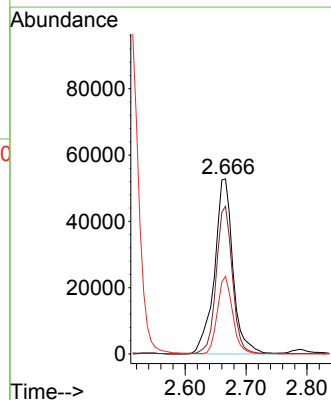
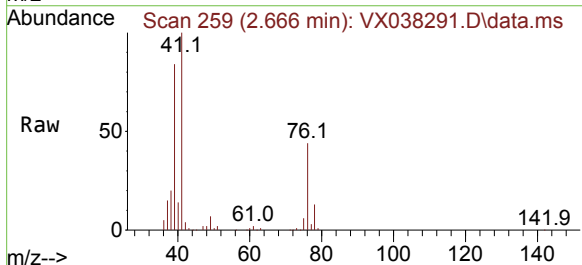
Tgt Ion: 41 Resp: 112042

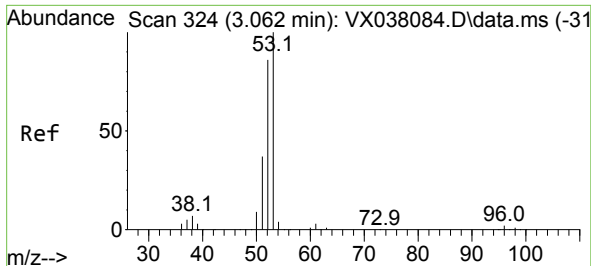
Ion Ratio Lower Upper

41 100

39 73.8 55.8 83.6

76 36.4 24.3 36.5

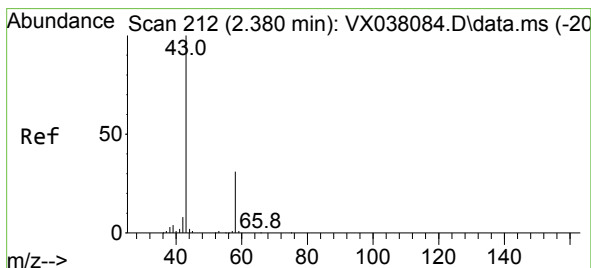
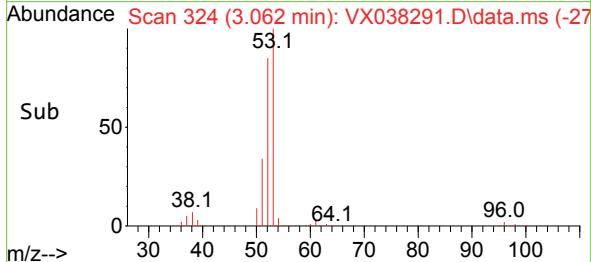
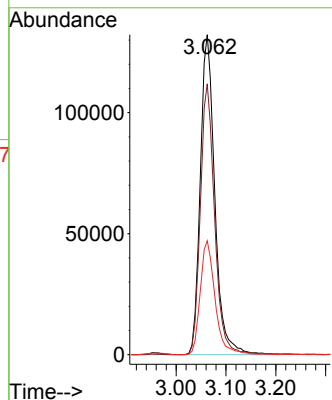
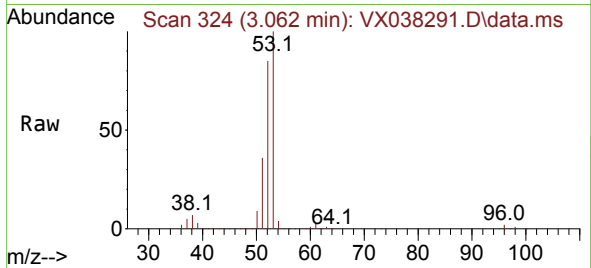




#15
Acrylonitrile
Concen: 242.387 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

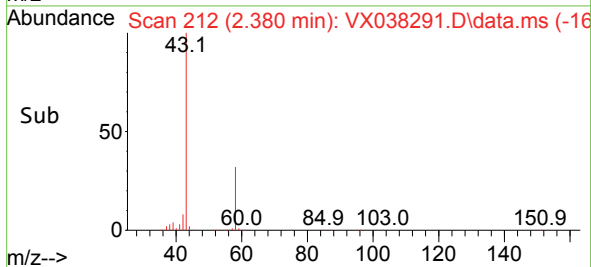
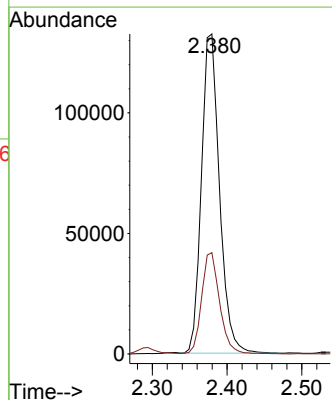
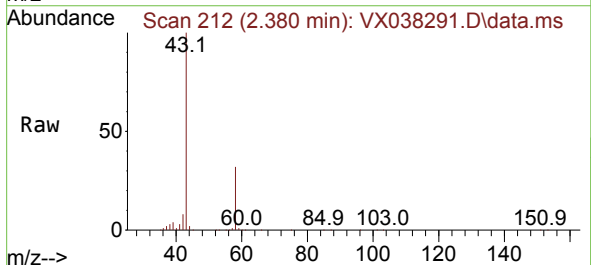
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

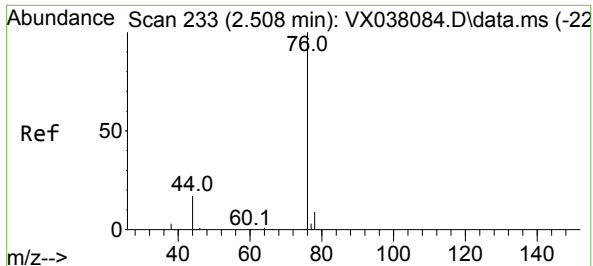
Tgt Ion: 53 Resp: 267248
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 36.6 29.8 44.6



#16
Acetone
Concen: 219.491 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 43 Resp: 221939
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9

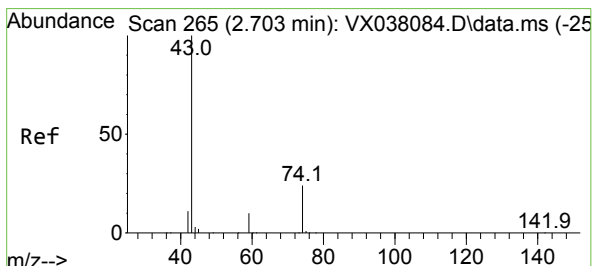
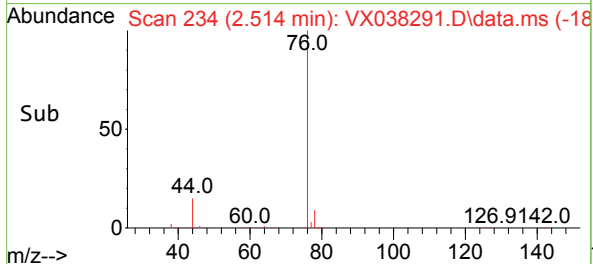
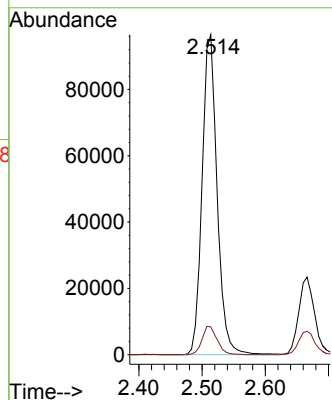
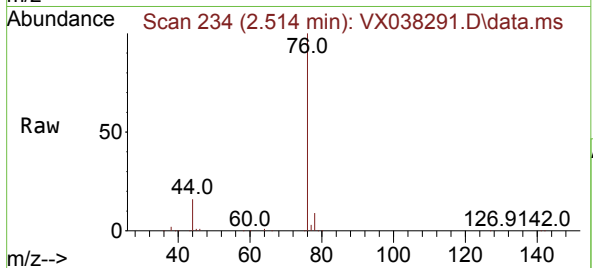




#17
Carbon Disulfide
Concen: 40.122 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

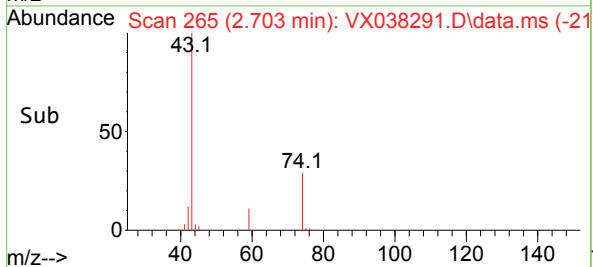
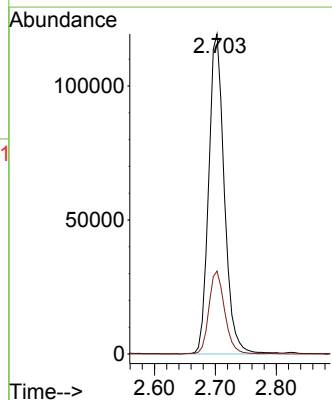
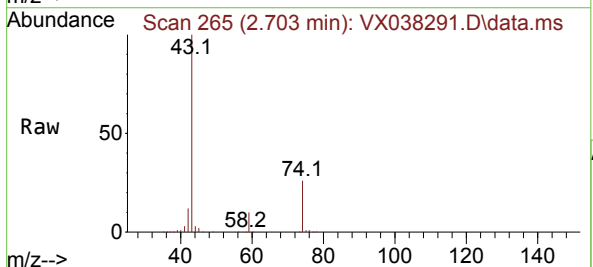
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

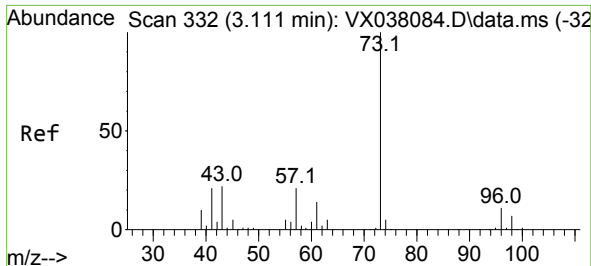
Tgt Ion: 76 Resp: 159369
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 49.064 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 43 Resp: 212749
Ion Ratio Lower Upper
43 100
74 26.1 17.8 26.8

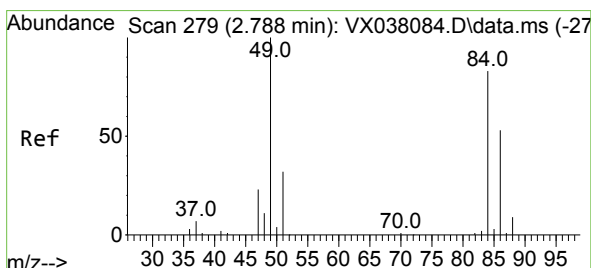
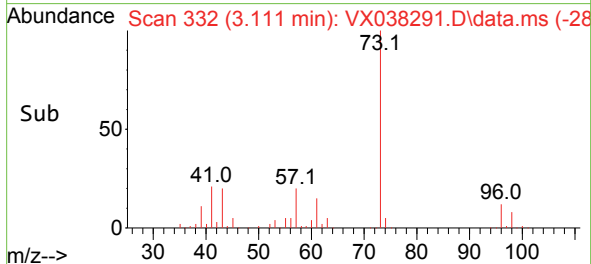
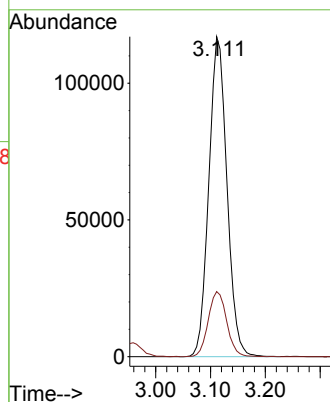
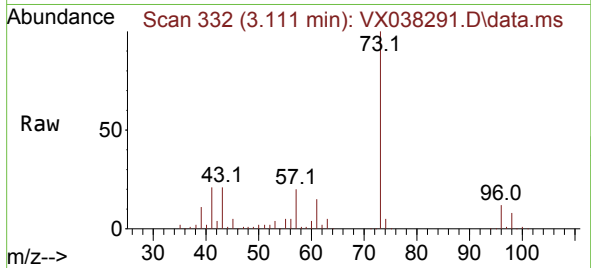




#19
Methyl tert-butyl Ether
Concen: 48.806 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

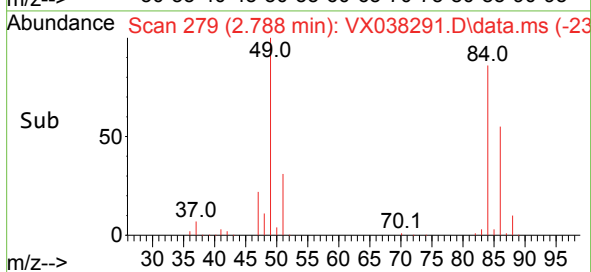
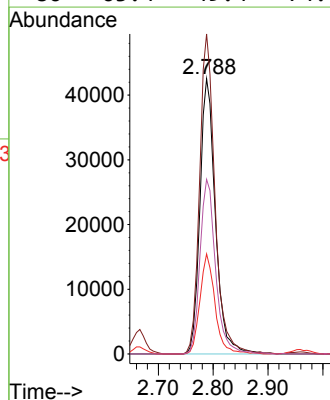
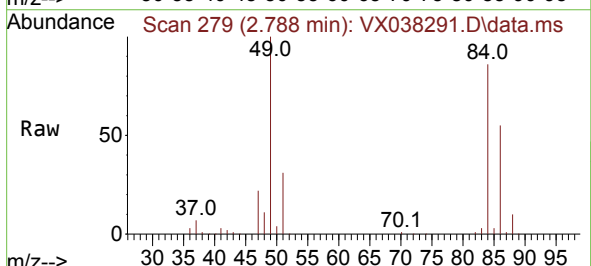
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

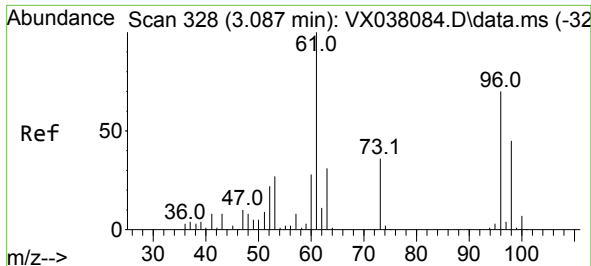
Tgt Ion: 73 Resp: 267883
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9



#20
Methylene Chloride
Concen: 43.967 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 84 Resp: 83623
Ion Ratio Lower Upper
84 100
49 116.2 103.6 155.4
51 36.3 33.8 50.6
86 63.4 49.4 74.0

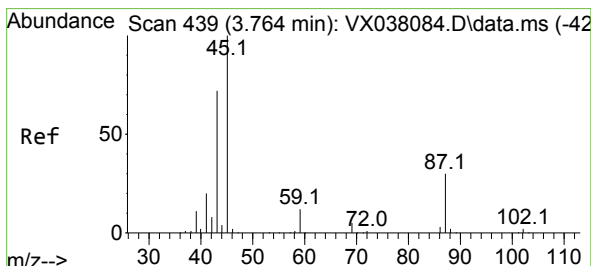
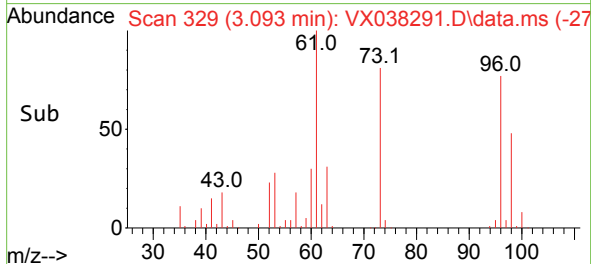
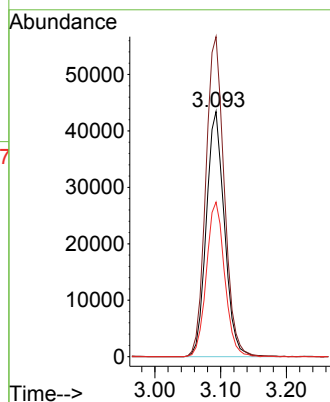
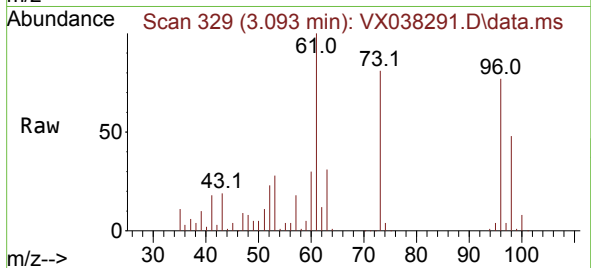




#21
trans-1,2-Dichloroethene
Concen: 48.890 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

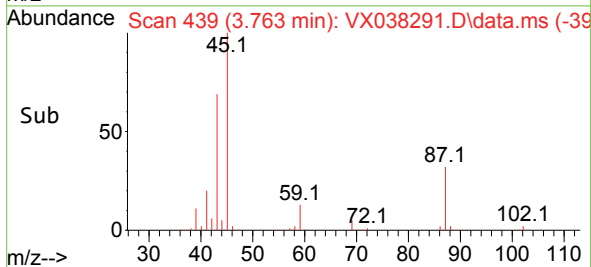
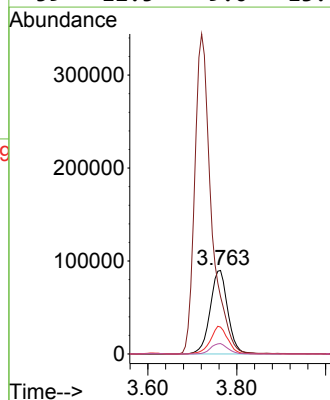
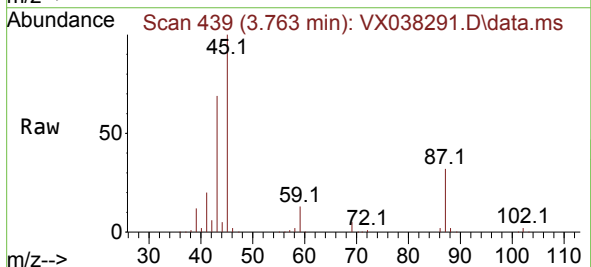
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

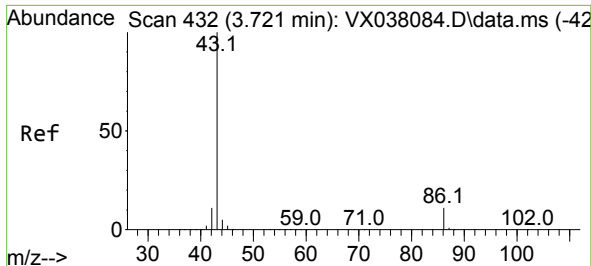
Tgt Ion: 96 Resp: 83424
Ion Ratio Lower Upper
96 100
61 130.5 119.2 178.8
98 63.0 48.7 73.1



#22
Diisopropyl ether
Concen: 47.984 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 45 Resp: 247902
Ion Ratio Lower Upper
45 100
43 68.3 69.7 104.5#
87 32.2 20.8 31.2#
59 12.5 9.0 13.4

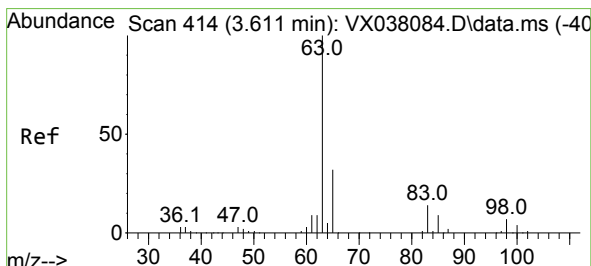
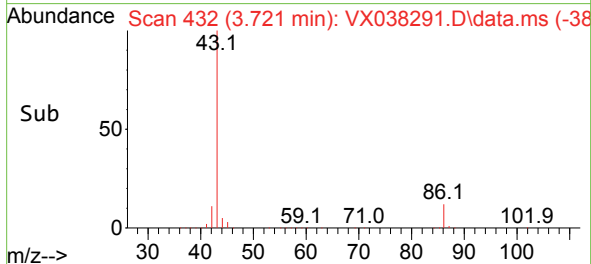
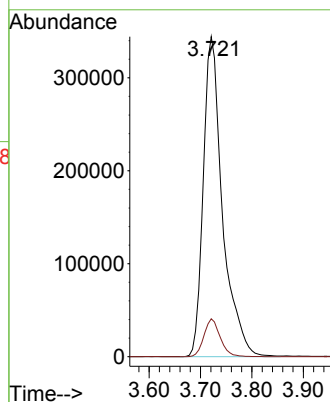
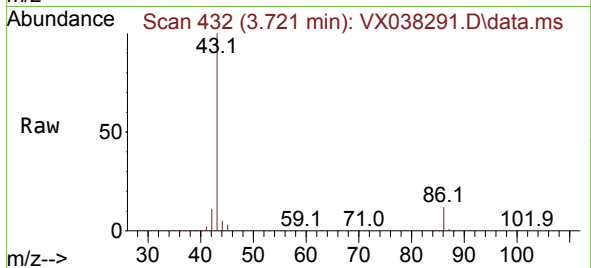




#23
 Vinyl Acetate
 Concen: 236.116 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038291.D
 Acq: 13 Oct 2023 17:48

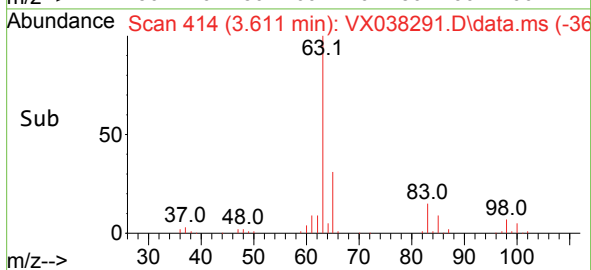
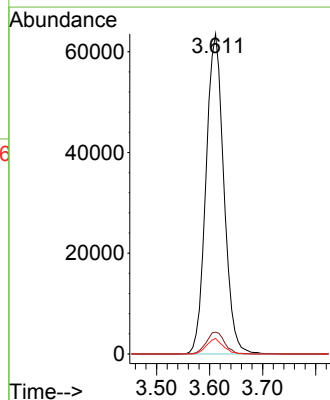
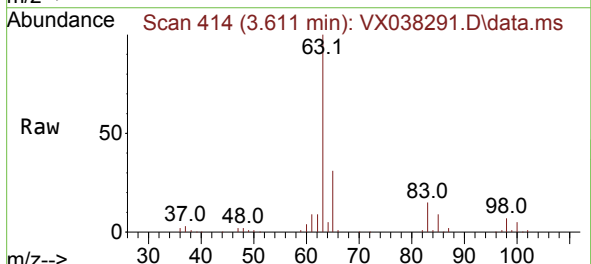
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-14-12-15MSD

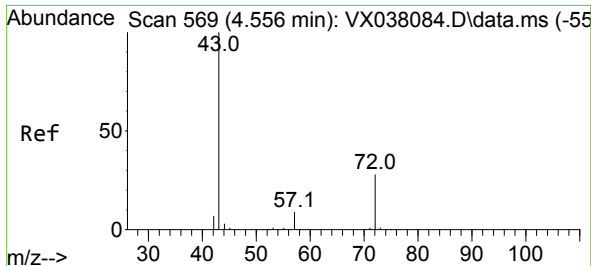
Tgt Ion: 43 Resp: 894576
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 47.302 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038291.D
 Acq: 13 Oct 2023 17:48

Tgt Ion: 63 Resp: 148309
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.9 2.1 6.5

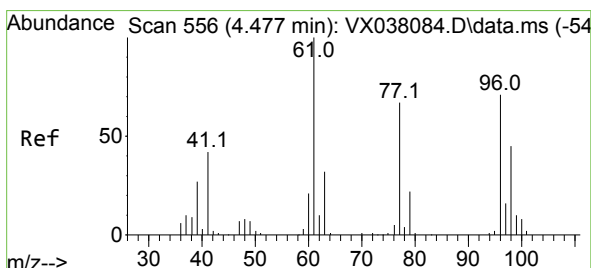
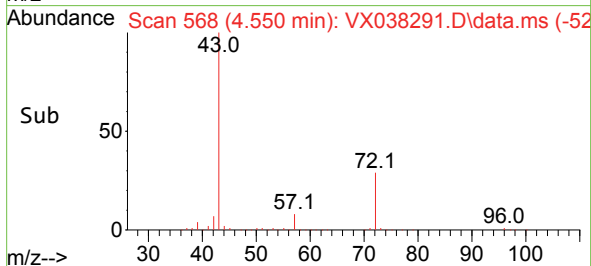
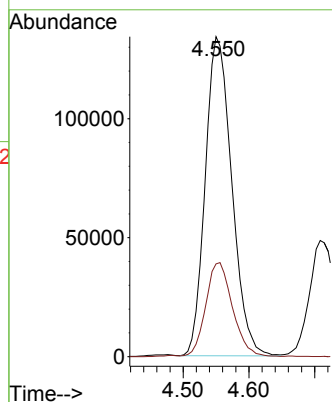
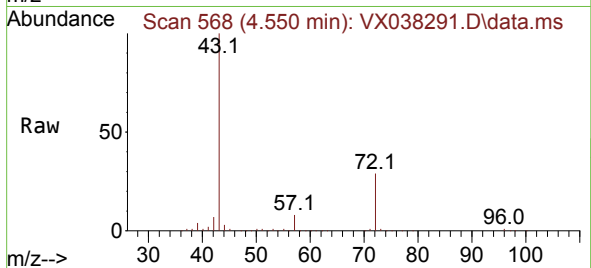




#25
2-Butanone
Concen: 231.032 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

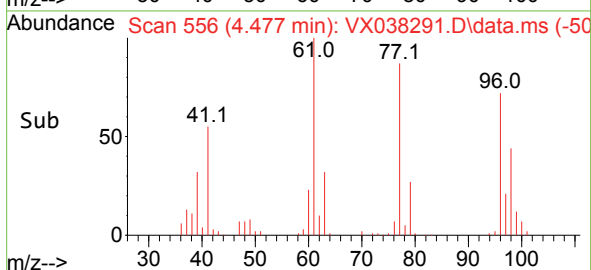
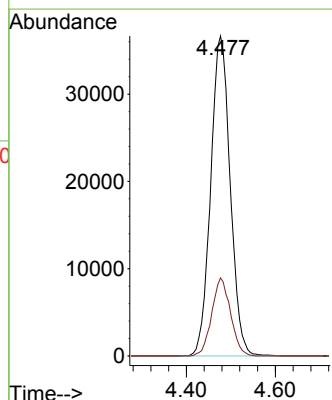
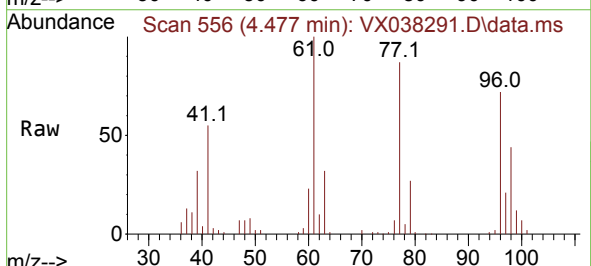
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

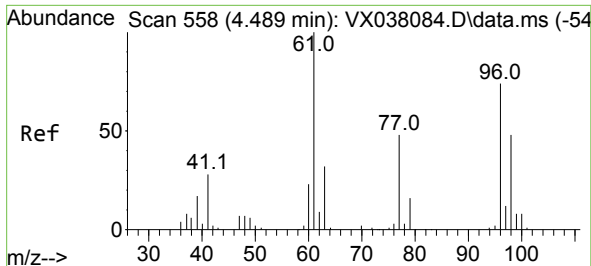
Tgt Ion: 43 Resp: 376923
Ion Ratio Lower Upper
43 100
72 29.0 19.4 29.2



#26
2,2-Dichloropropane
Concen: 45.634 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 77 Resp: 111709
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.790 ug/l

RT: 4.489 min Scan# 511

Delta R.T. -0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MSD

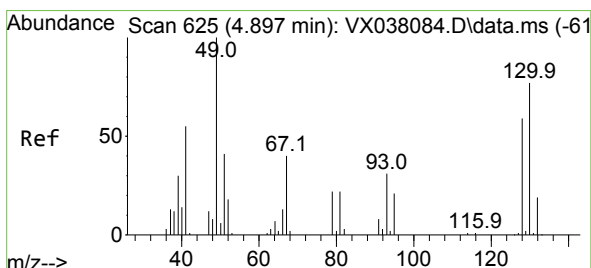
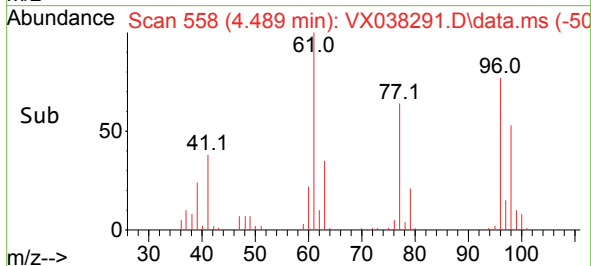
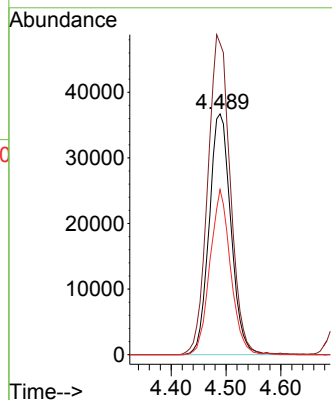
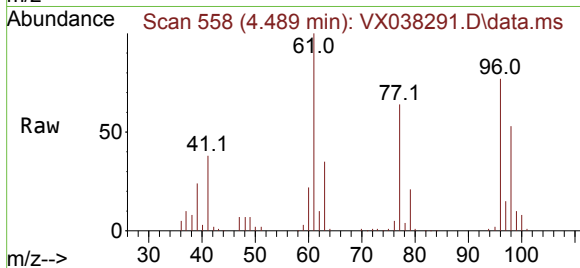
Tgt Ion: 96 Resp: 101183

Ion Ratio Lower Upper

96 100

61 137.2 0.0 312.2

98 64.8 0.0 129.0



#28

Bromochloromethane

Concen: 50.745 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

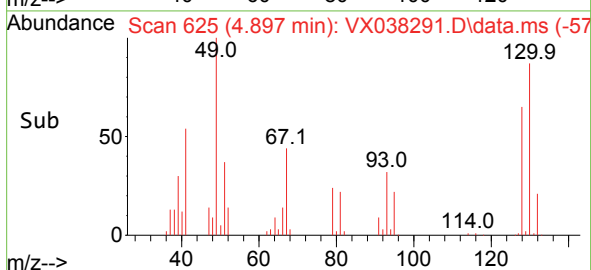
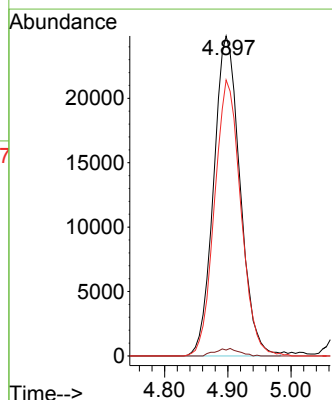
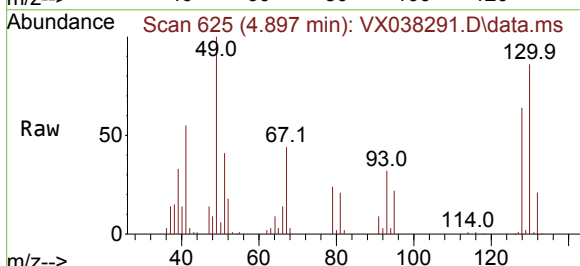
Tgt Ion: 49 Resp: 71824

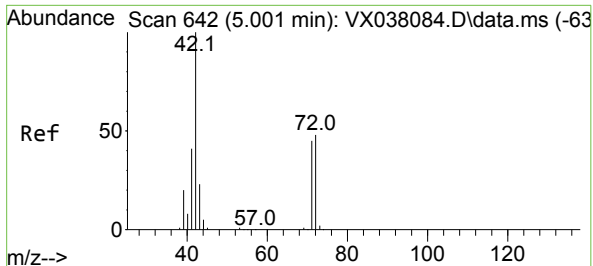
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 86.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 229.112 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MSD

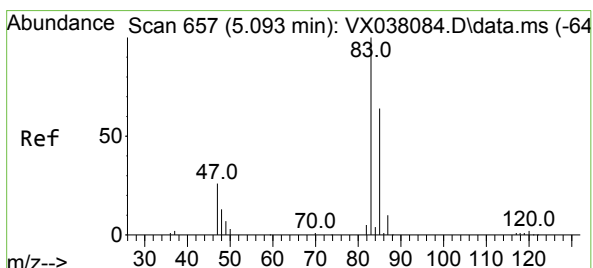
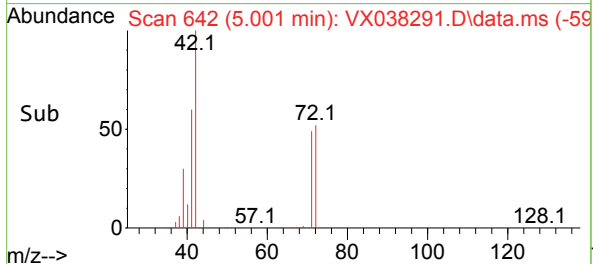
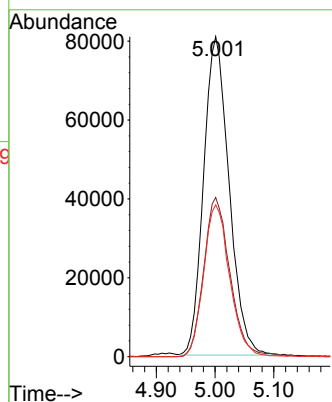
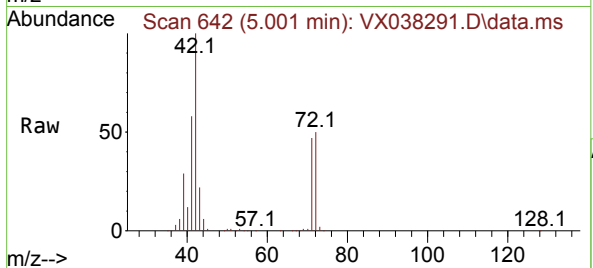
Tgt Ion: 42 Resp: 243361

Ion Ratio Lower Upper

42 100

72 51.8 34.2 51.4#

71 48.8 32.2 48.2#



#30

Chloroform

Concen: 51.861 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.001 min

Lab File: VX038291.D

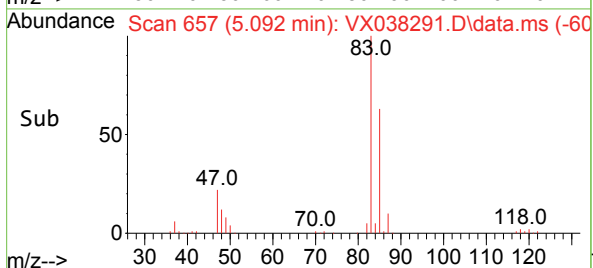
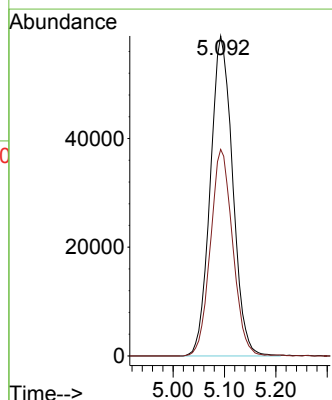
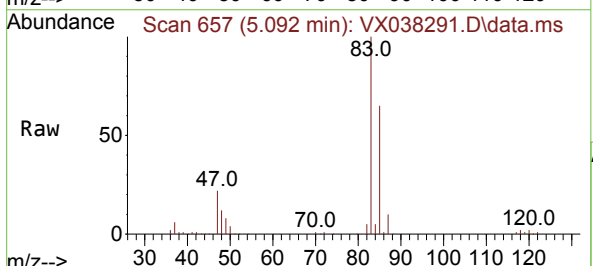
Acq: 13 Oct 2023 17:48

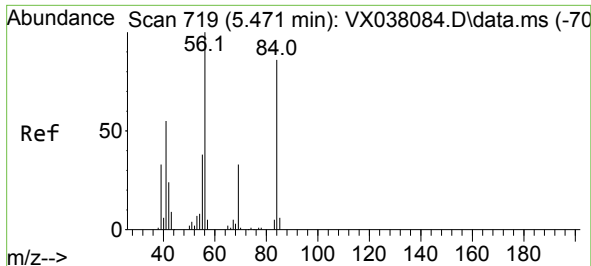
Tgt Ion: 83 Resp: 177811

Ion Ratio Lower Upper

83 100

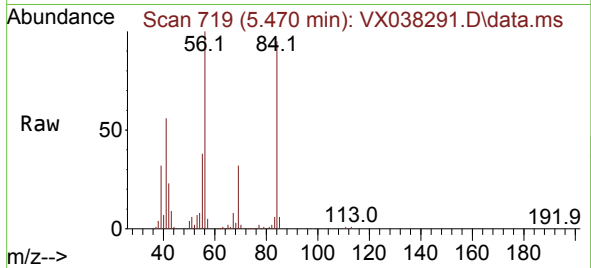
85 64.6 50.3 75.5



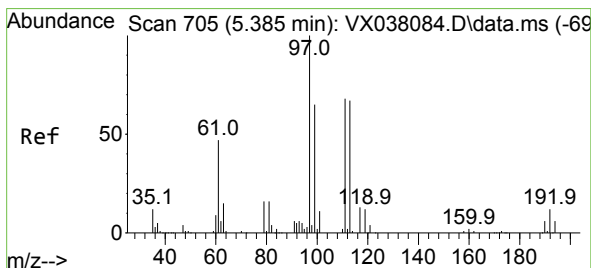
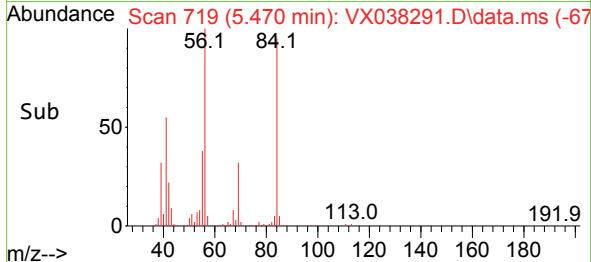
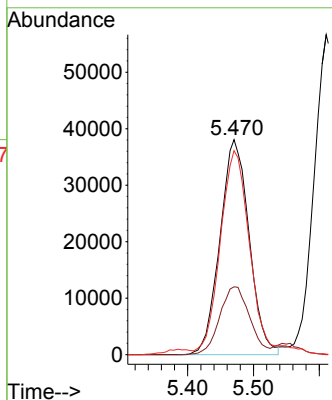


#31
Cyclohexane
Concen: 44.793 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

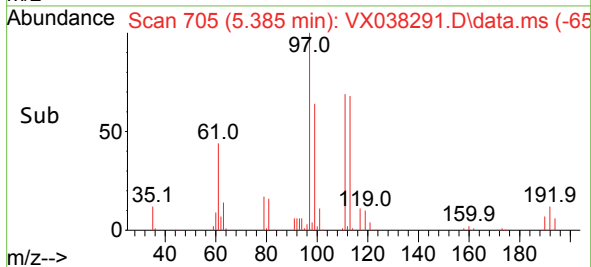
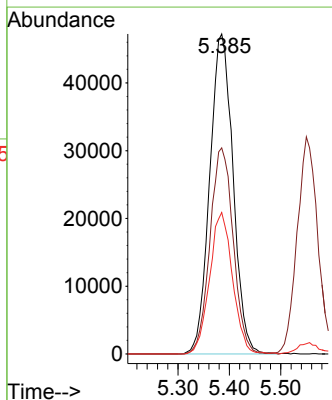
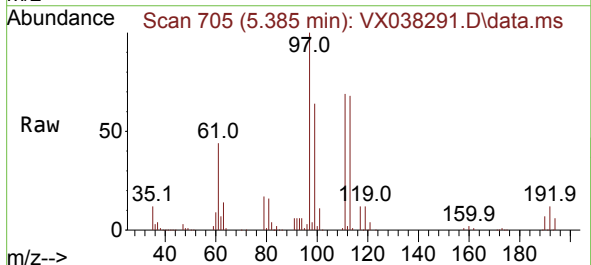


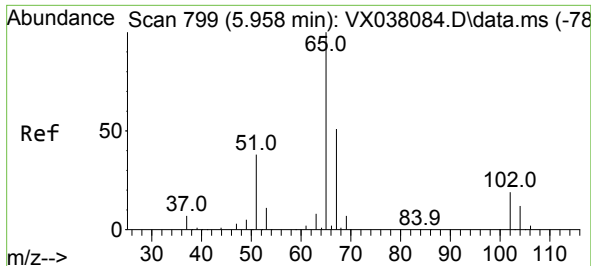
Tgt Ion:	56	Resp:	117578
Ion Ratio	Lower	Upper	
56	100		
69	31.5	23.4	35.2
84	92.3	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 50.530 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion:	97	Resp:	148390
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.1	76.7
61	43.6	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 48.150 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

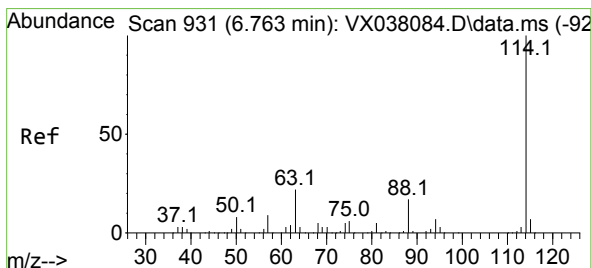
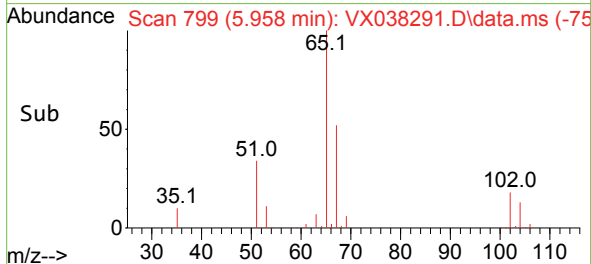
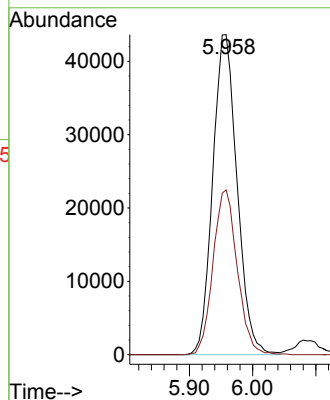
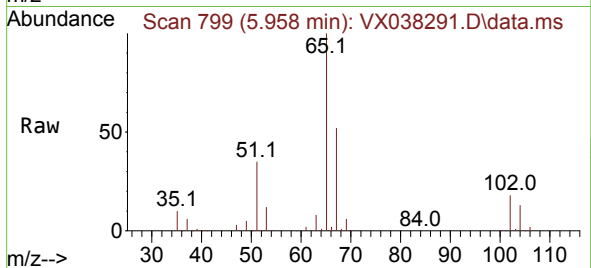
GW-14-12-15MSD

Tgt Ion: 65 Resp: 116659

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

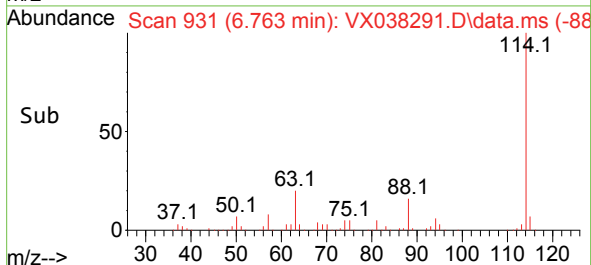
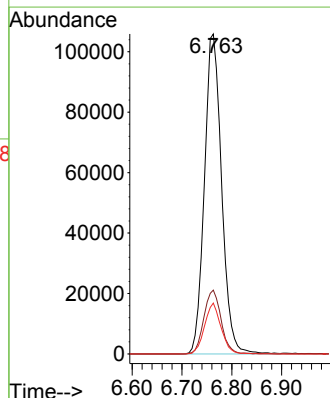
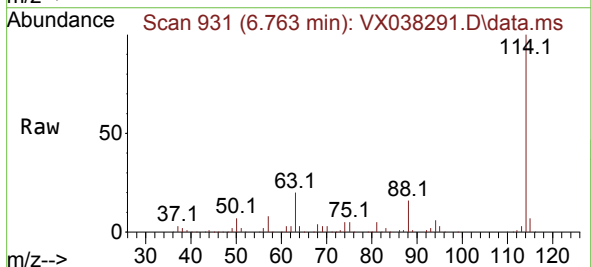
Tgt Ion: 114 Resp: 254027

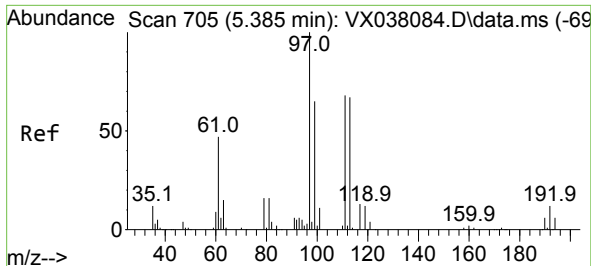
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.9 0.0 36.6

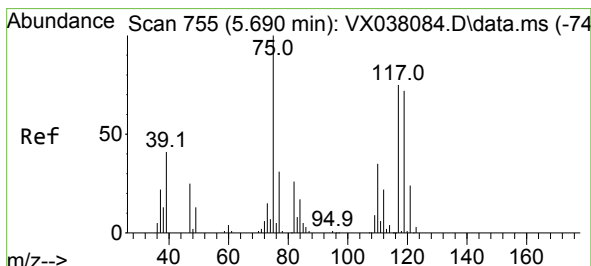
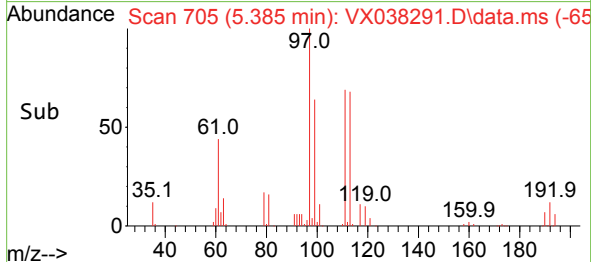
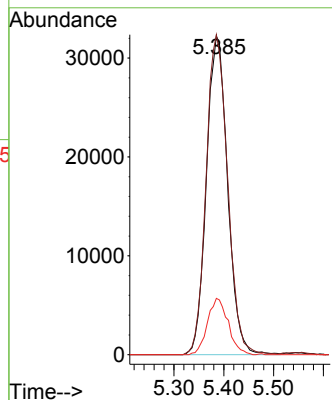
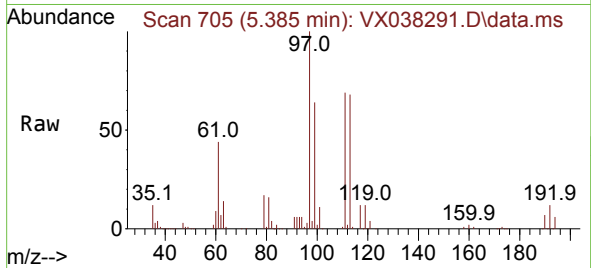




#35
Dibromofluoromethane
Concen: 51.984 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

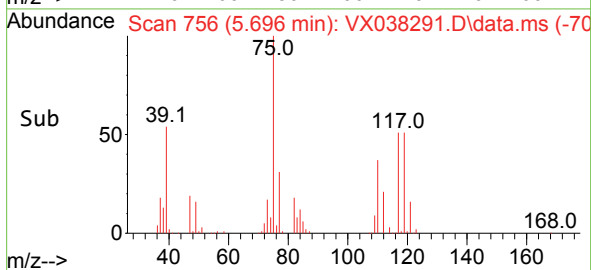
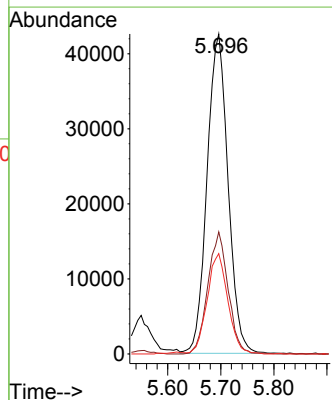
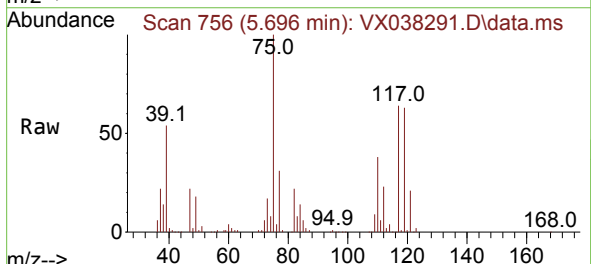
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

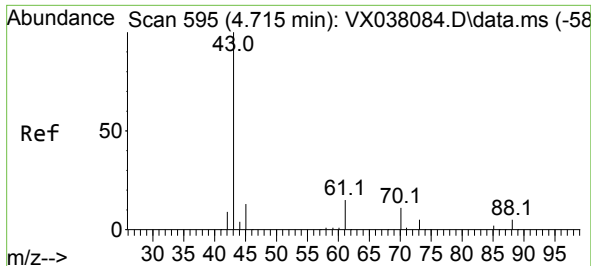
Tgt Ion:113 Resp: 95152
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 17.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 46.340 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 75 Resp: 116968
Ion Ratio Lower Upper
75 100
110 37.0 17.0 50.9
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 47.135 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX038291.D

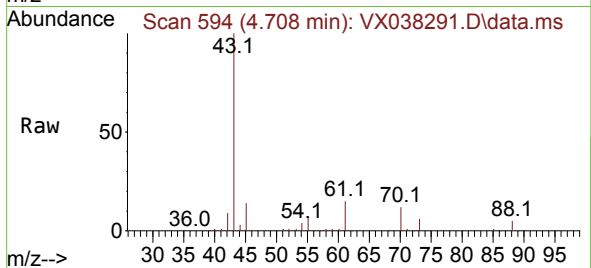
Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MSD



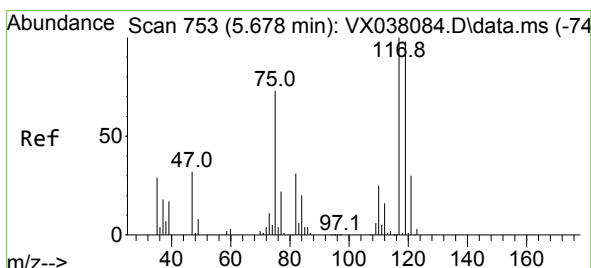
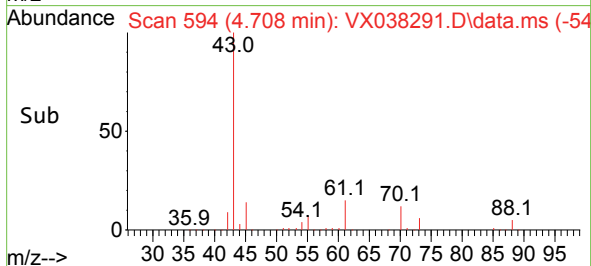
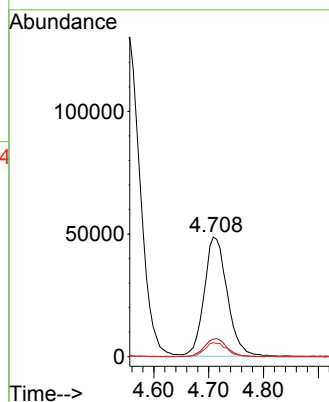
Tgt Ion: 43 Resp: 141300

Ion Ratio Lower Upper

43 100

61 14.9 10.6 16.0

70 11.4 8.3 12.5



#38

Carbon Tetrachloride

Concen: 50.524 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

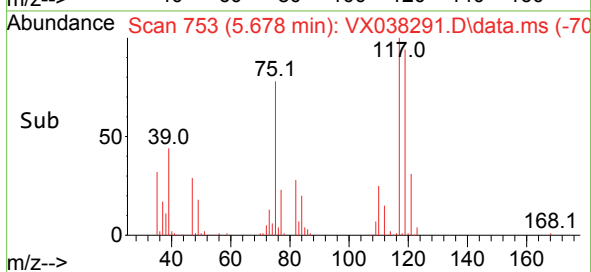
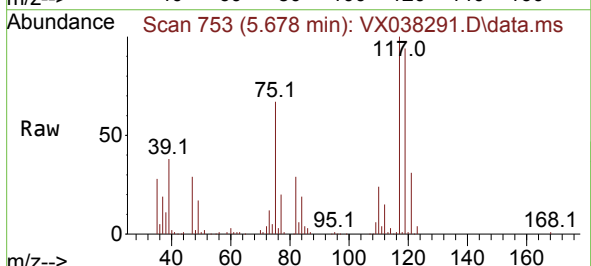
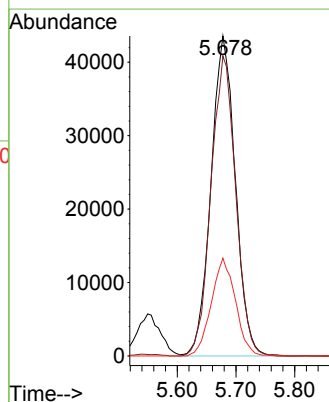
Tgt Ion: 117 Resp: 125455

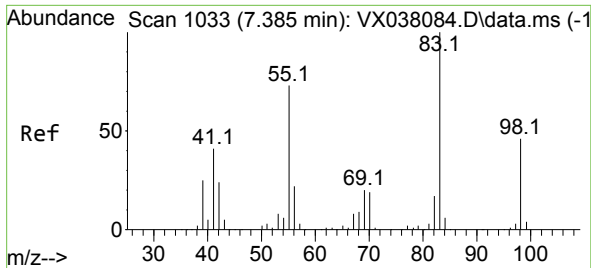
Ion Ratio Lower Upper

117 100

119 93.7 78.2 117.2

121 30.5 24.4 36.6

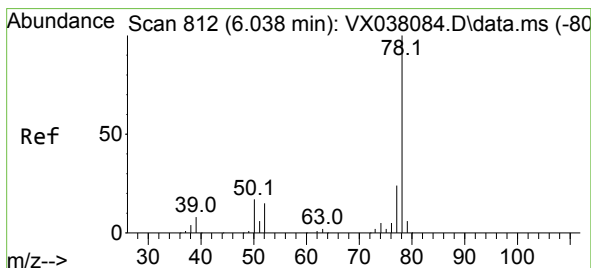
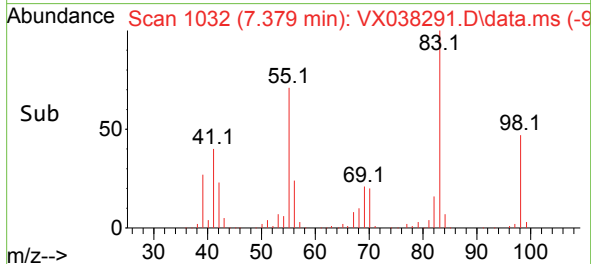
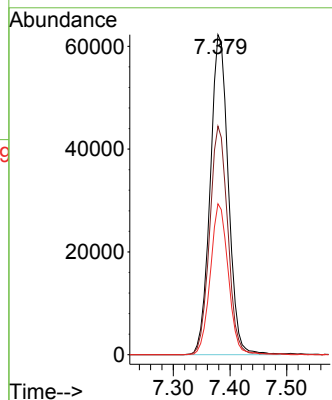
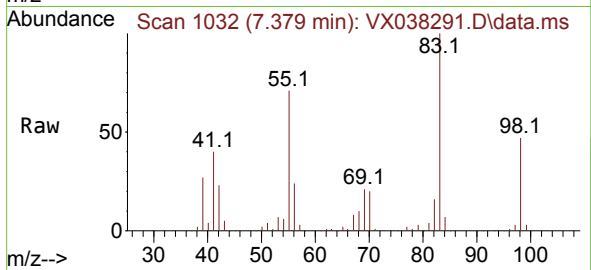




#39
Methylcyclohexane
Concen: 46.726 ug/l
RT: 7.379 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

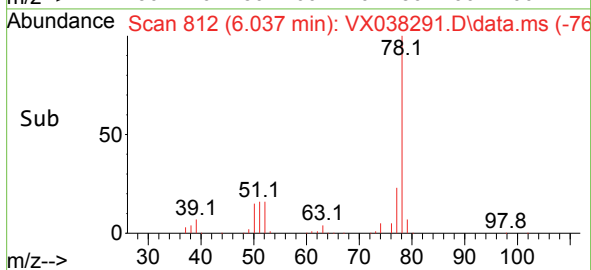
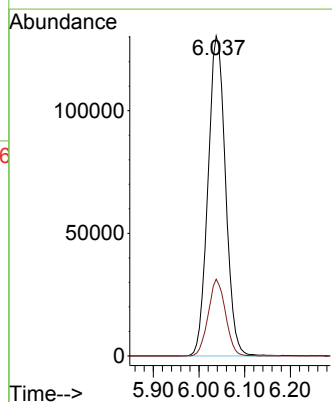
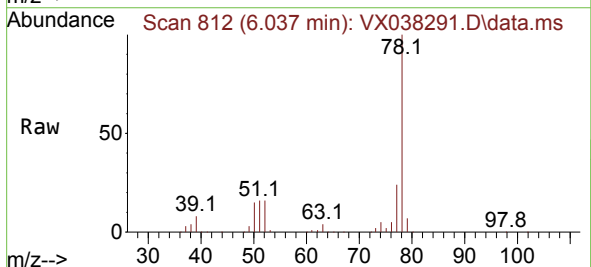
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

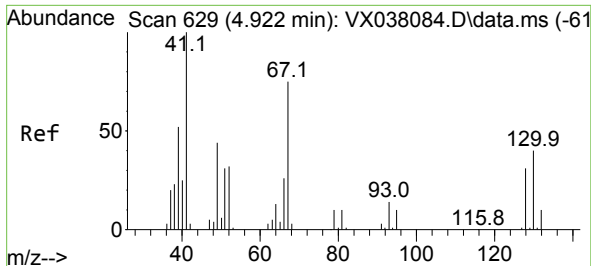
Tgt Ion: 83 Resp: 138147
Ion Ratio Lower Upper
83 100
55 71.4 64.6 97.0
98 47.2 36.7 55.1



#40
Benzene
Concen: 49.276 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 78 Resp: 347879
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

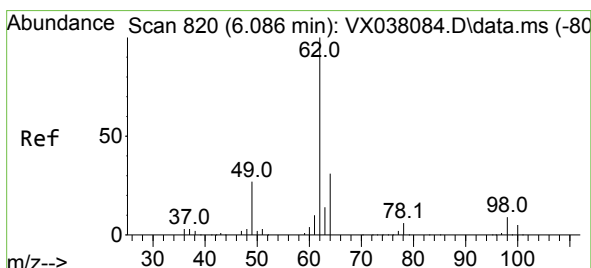
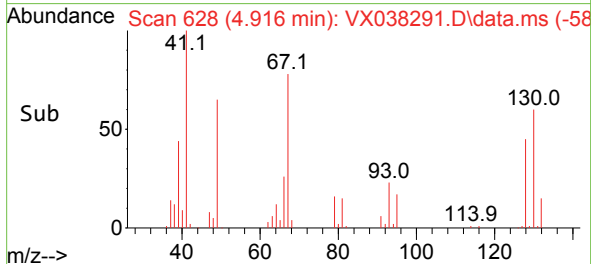
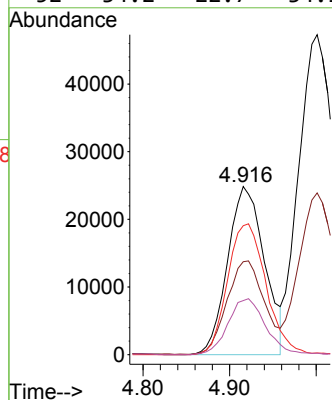
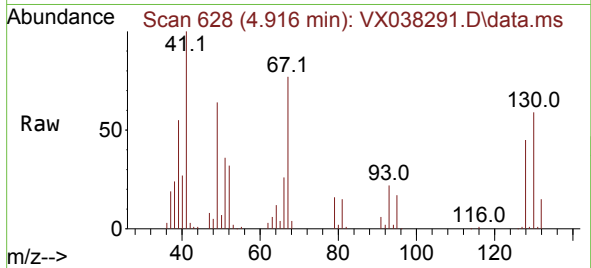




#41
Methacrylonitrile
Concen: 49.462 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

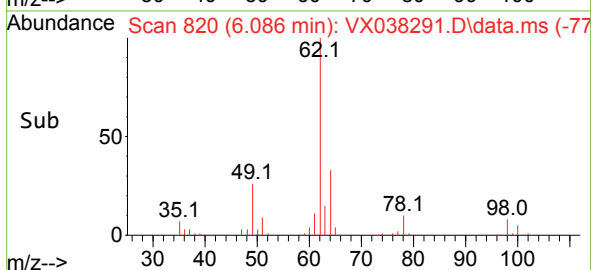
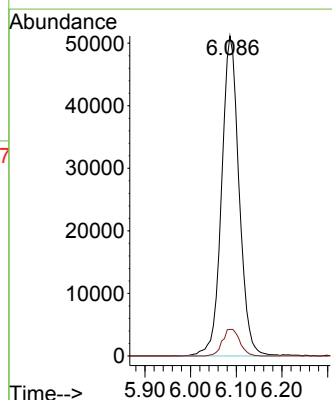
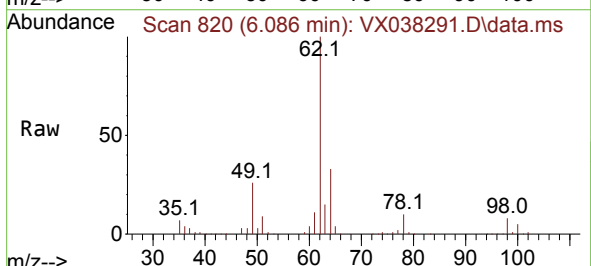
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

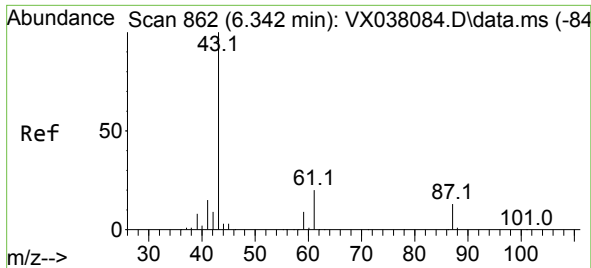
Tgt Ion: 41 Resp: 73761
Ion Ratio Lower Upper
41 100
39 56.3 45.2 67.8
67 81.6 52.6 78.8#
52 34.2 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 48.272 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 62 Resp: 136159
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0

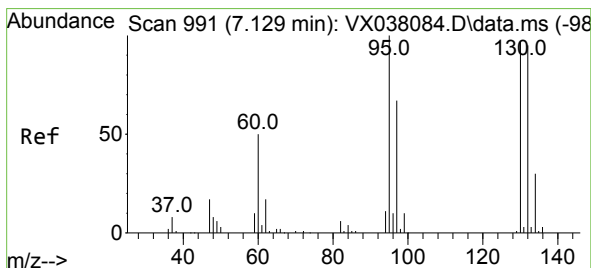
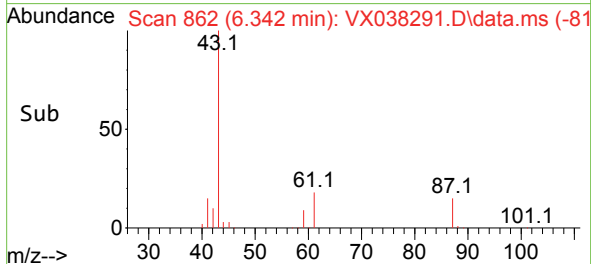
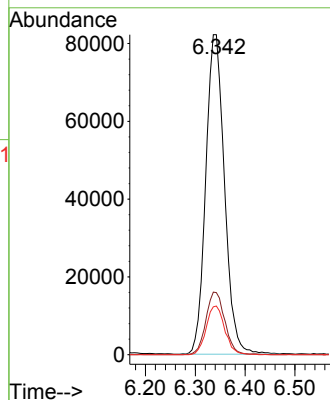
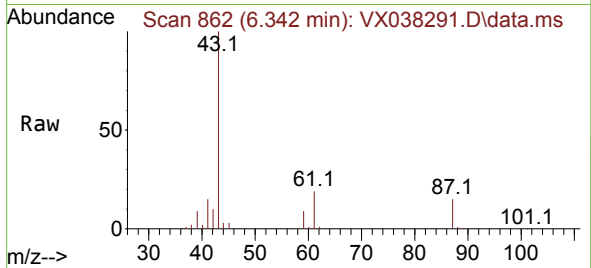




#43
Isopropyl Acetate
Concen: 47.938 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

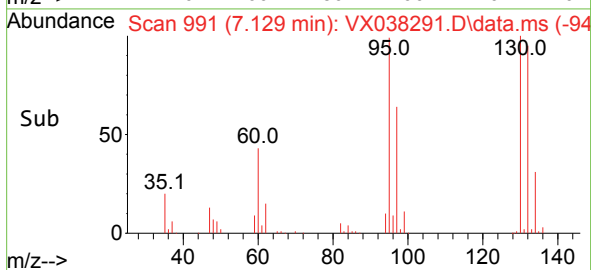
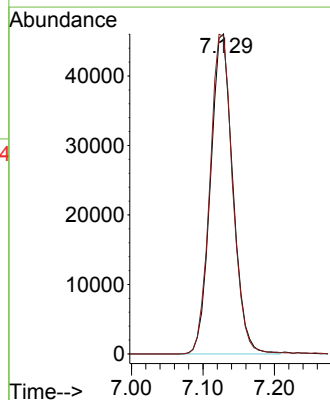
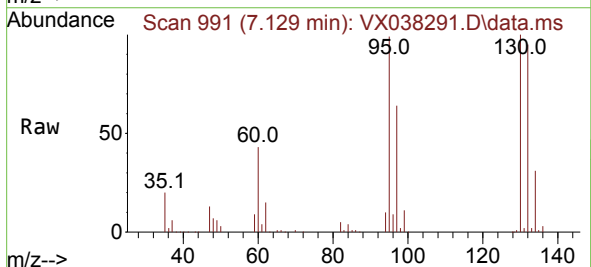
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

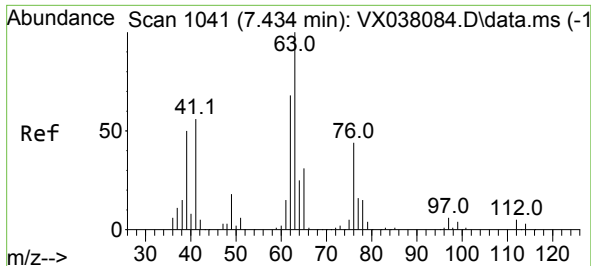
Tgt Ion: 43 Resp: 214528
Ion Ratio Lower Upper
43 100
61 19.7 15.2 22.8
87 15.0 9.8 14.6#



#44
Trichloroethene
Concen: 54.136 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion:130 Resp: 99962
Ion Ratio Lower Upper
130 100
95 99.2 0.0 204.4

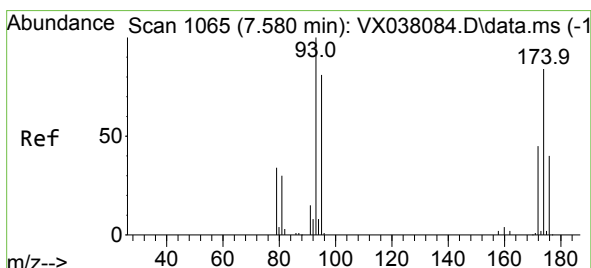
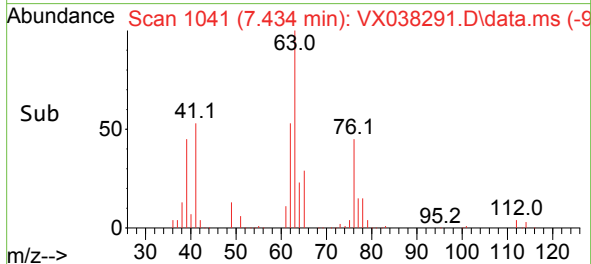
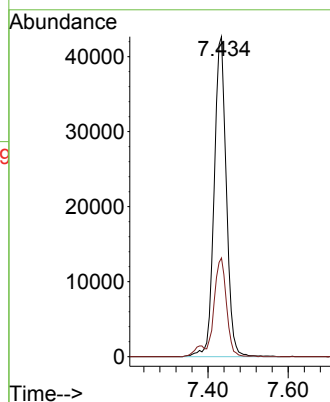
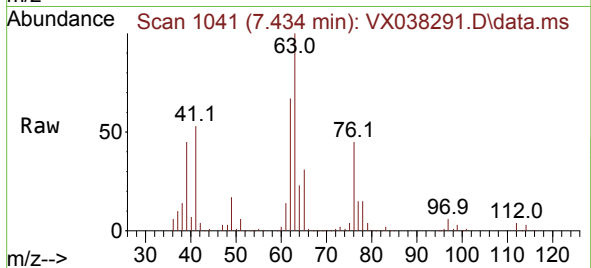




#45
1,2-Dichloropropane
Concen: 49.084 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

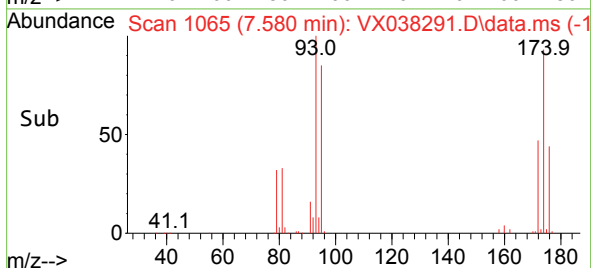
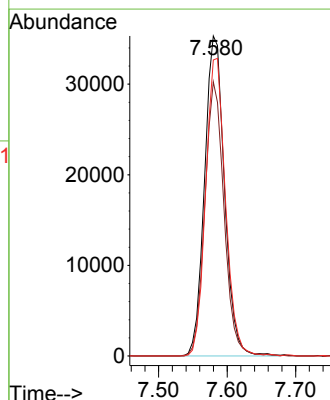
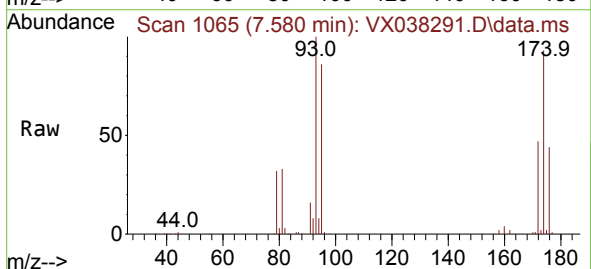
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

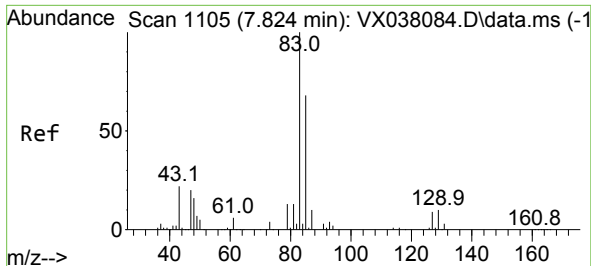
Tgt Ion: 63 Resp: 89687
Ion Ratio Lower Upper
63 100
65 30.9 24.3 36.5



#46
Dibromomethane
Concen: 50.417 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 93 Resp: 71449
Ion Ratio Lower Upper
93 100
95 82.8 66.6 100.0
174 92.3 69.4 104.0

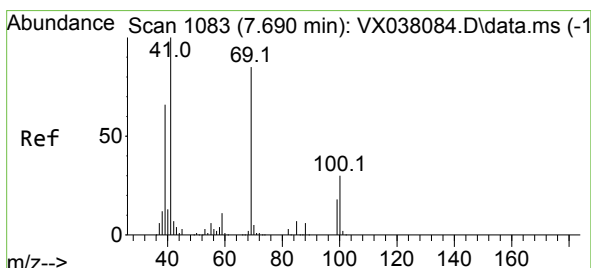
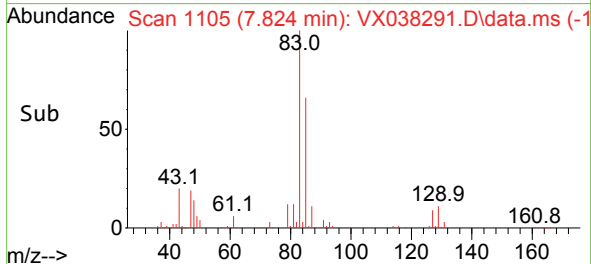
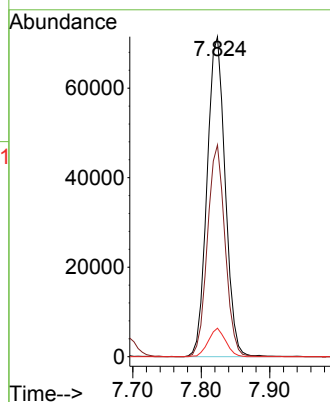
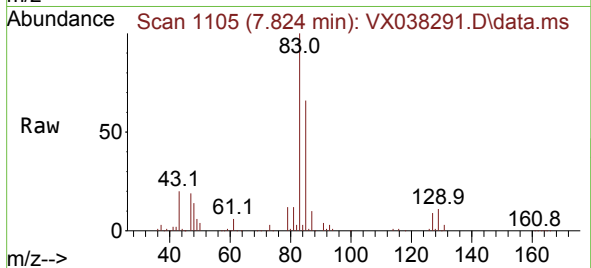




#47
Bromodichloromethane
Concen: 52.171 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

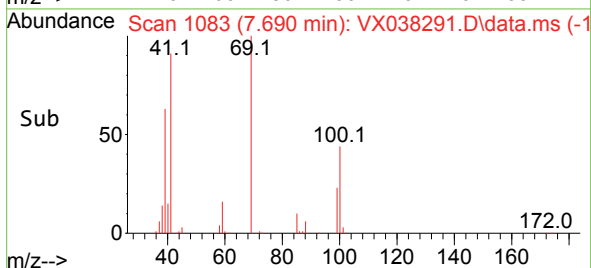
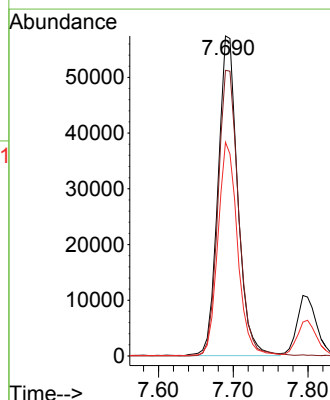
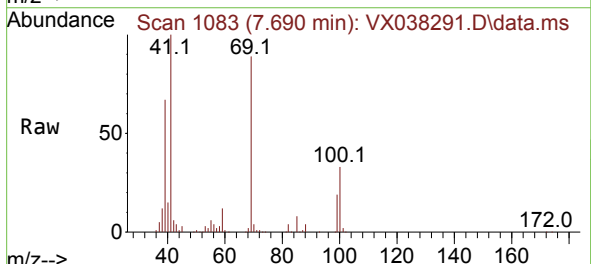
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

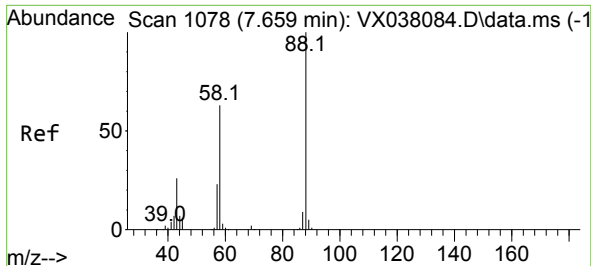
Tgt Ion: 83 Resp: 131528
Ion Ratio Lower Upper
83 100
85 66.1 49.8 74.6
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 49.315 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 41 Resp: 105355
Ion Ratio Lower Upper
41 100
69 92.5 59.2 88.8
39 66.5 47.7 71.5

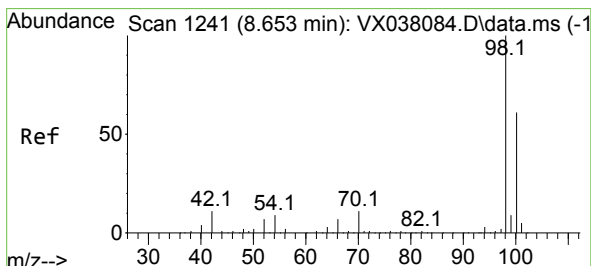
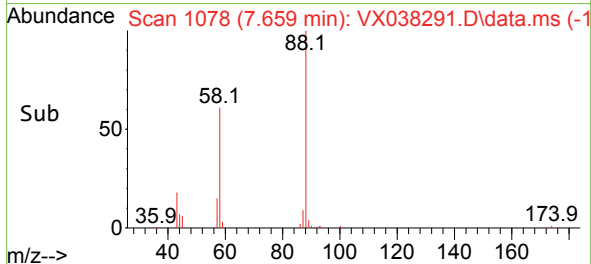
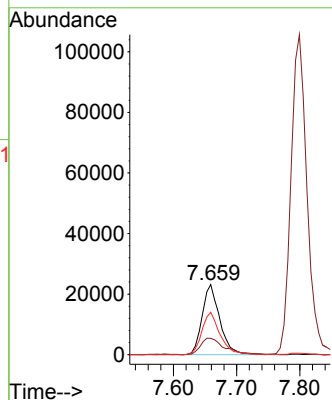
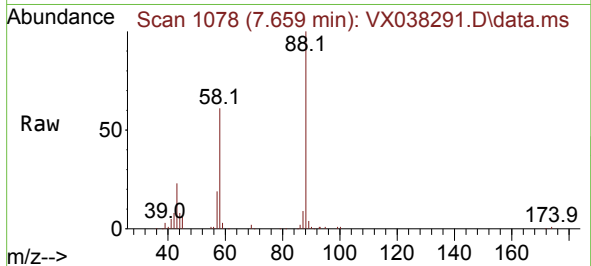




#49
1,4-Dioxane
Concen: 852.796 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

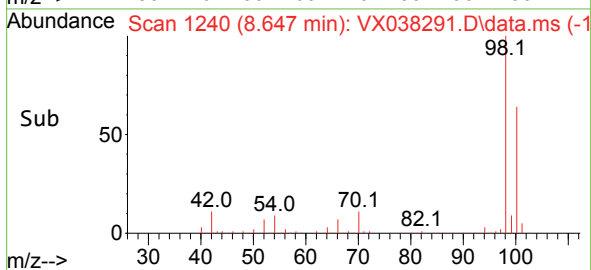
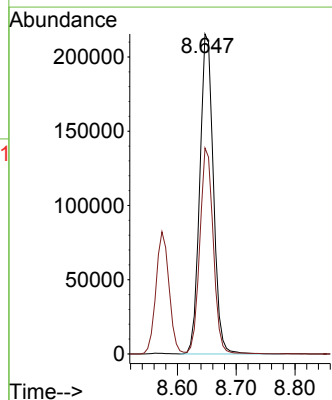
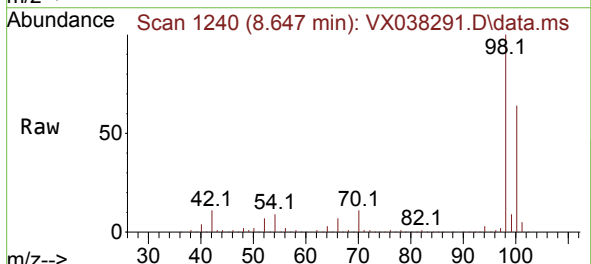
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

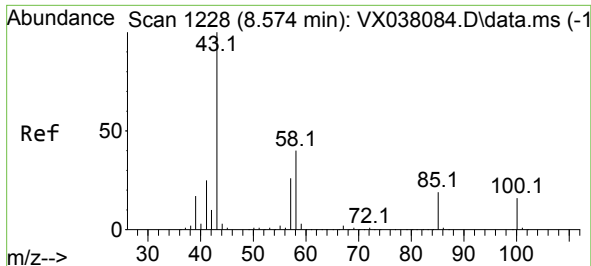
Tgt Ion: 88 Resp: 44895
Ion Ratio Lower Upper
88 100
43 31.8 0.0 0.0#
58 62.3 60.1 90.1



#50
Toluene-d8
Concen: 49.517 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 98 Resp: 346345
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

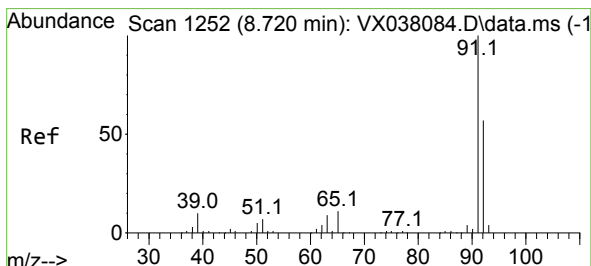
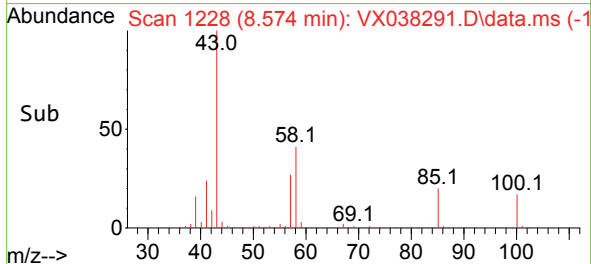
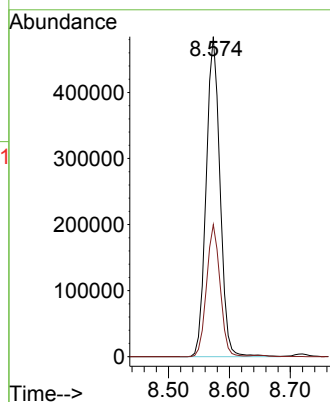
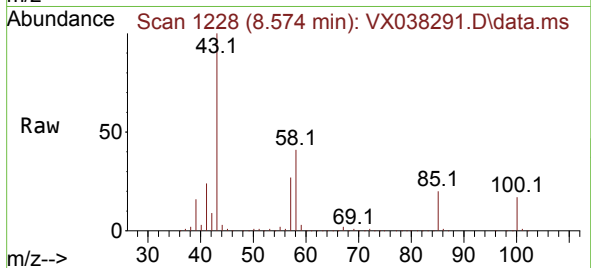




#51
4-Methyl-2-Pentanone
Concen: 247.388 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

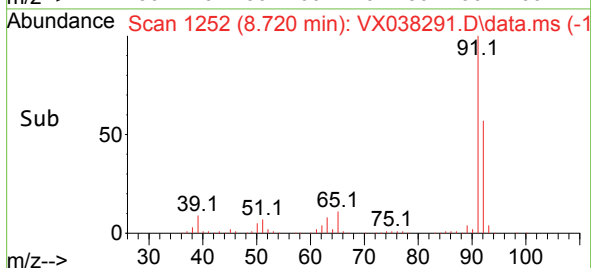
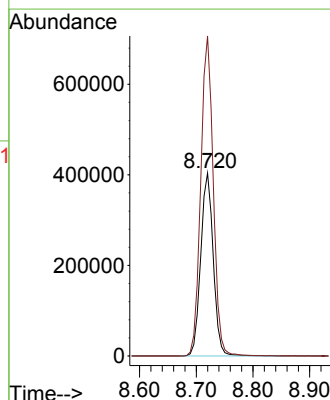
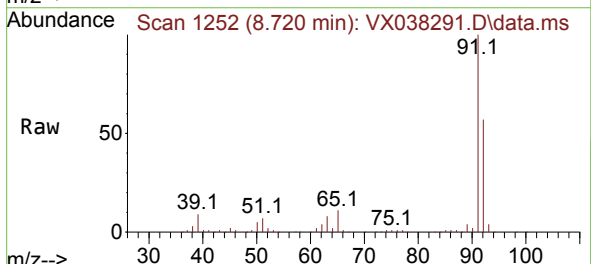
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

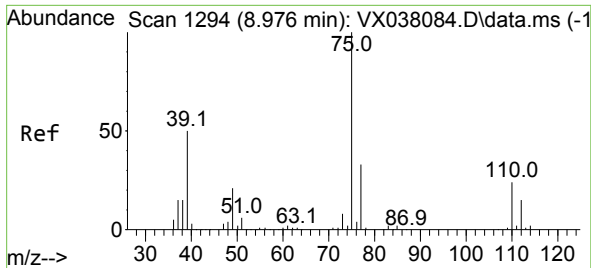
Tgt Ion: 43 Resp: 763629
Ion Ratio Lower Upper
43 100
58 40.4 30.4 45.6



#52
Toluene
Concen: 134.269 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 92 Resp: 617478
Ion Ratio Lower Upper
92 100
91 175.5 134.2 201.2

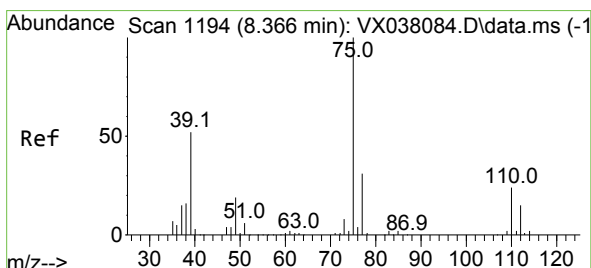
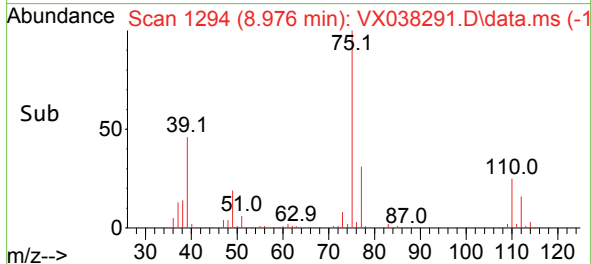
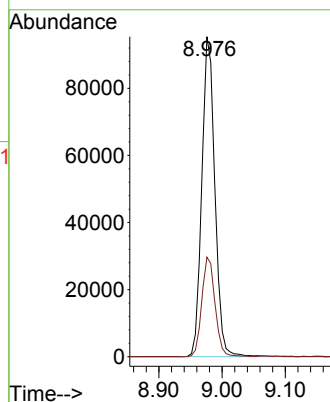
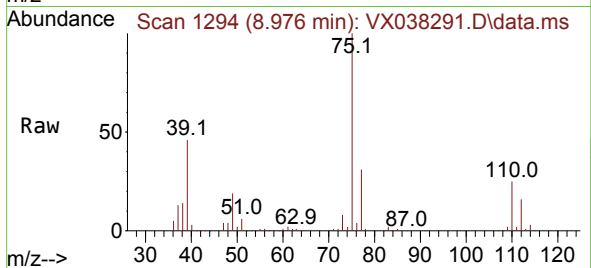




#53
t-1,3-Dichloropropene
Concen: 50.674 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

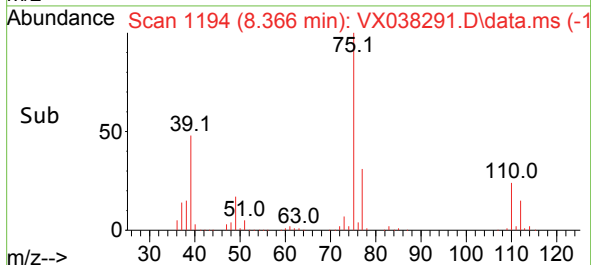
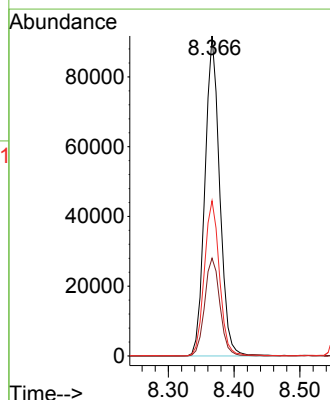
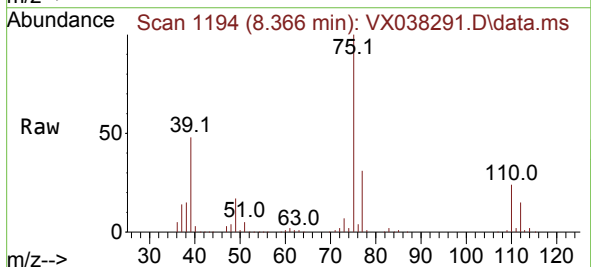
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

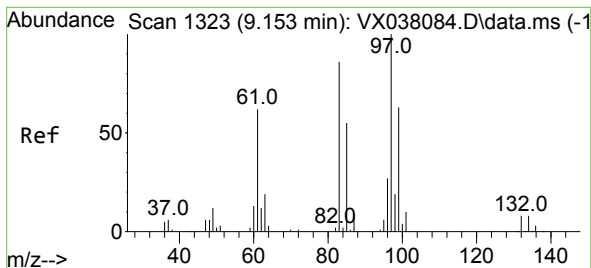
Tgt Ion: 75 Resp: 137130
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 50.372 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 75 Resp: 143215
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9
39 48.4 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 51.197 ug/l

RT: 9.153 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MSD

Tgt Ion: 97 Resp: 100708

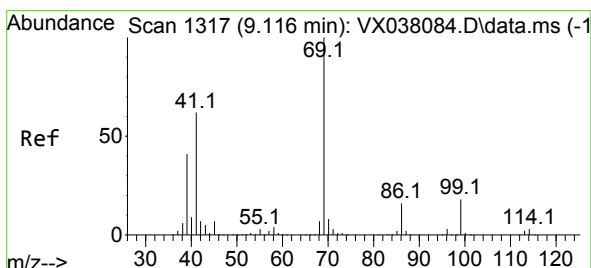
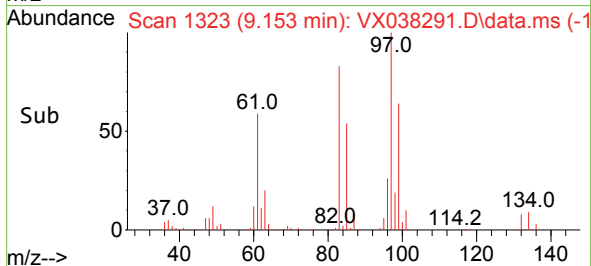
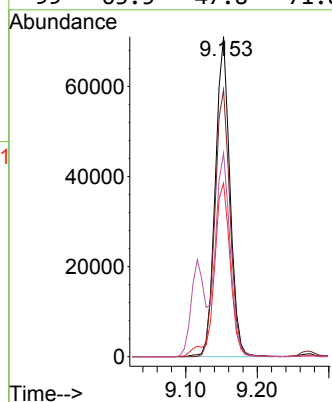
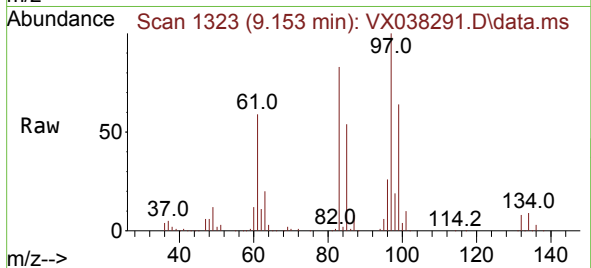
Ion Ratio Lower Upper

97 100

83 83.4 65.8 98.8

85 54.2 41.6 62.4

99 63.5 47.8 71.8



#56

Ethyl methacrylate

Concen: 50.046 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

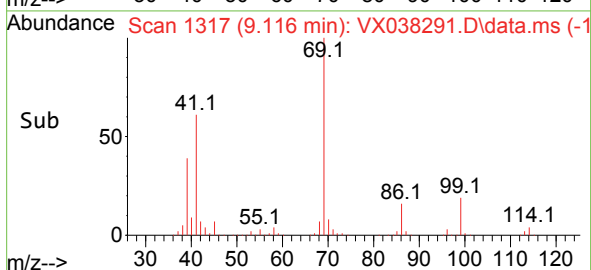
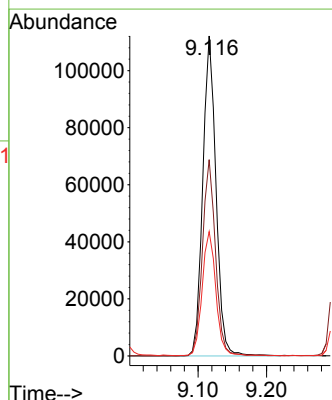
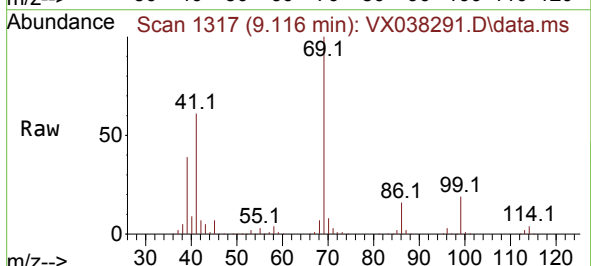
Tgt Ion: 69 Resp: 150936

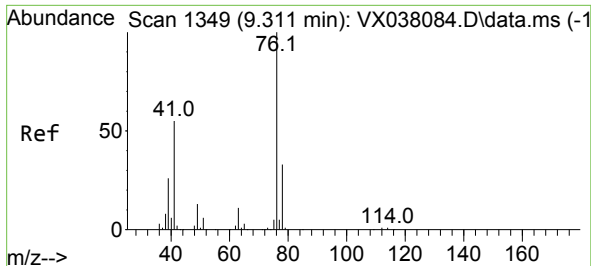
Ion Ratio Lower Upper

69 100

41 60.5 56.8 85.2

39 40.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 50.618 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

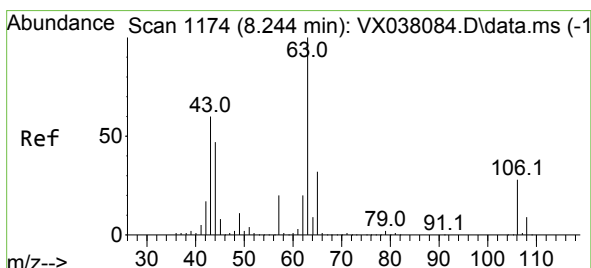
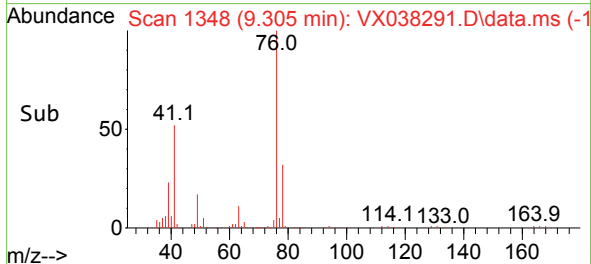
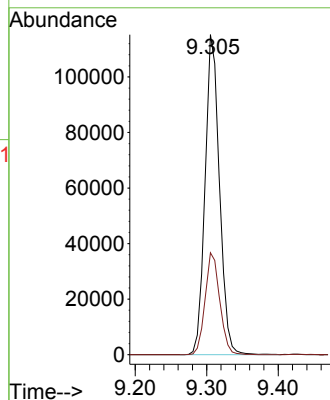
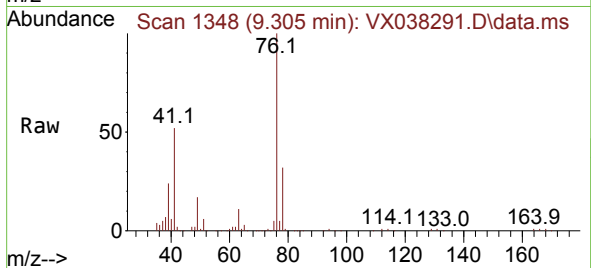
GW-14-12-15MSD

Tgt Ion: 76 Resp: 161038

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 0.294 ug/l

RT: 8.177 min Scan# 1163

Delta R.T. -0.067 min

Lab File: VX038291.D

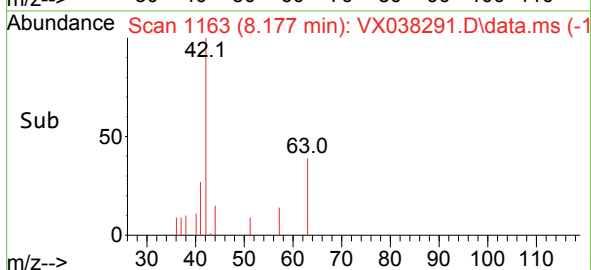
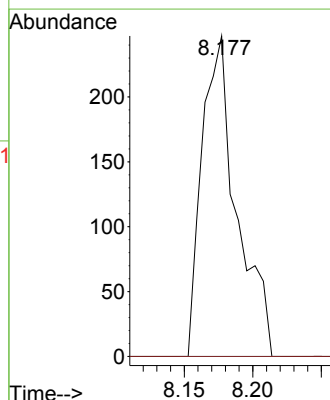
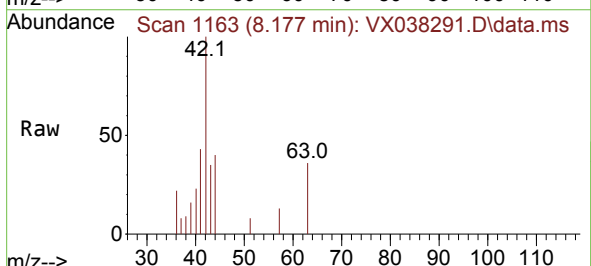
Acq: 13 Oct 2023 17:48

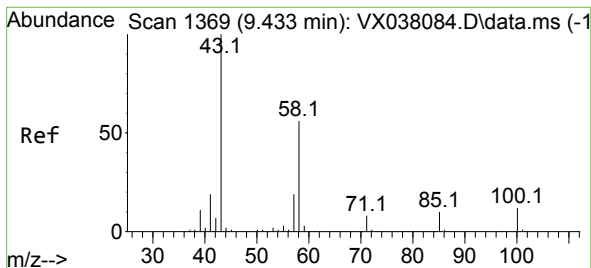
Tgt Ion: 63 Resp: 435

Ion Ratio Lower Upper

63 100

106 0.0 22.5 33.7#

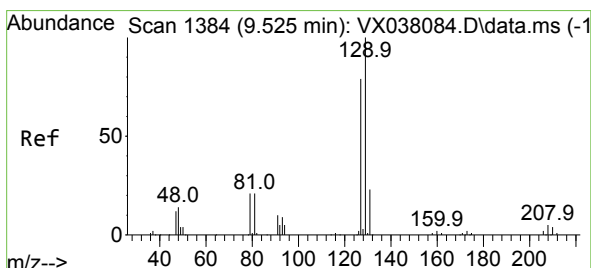
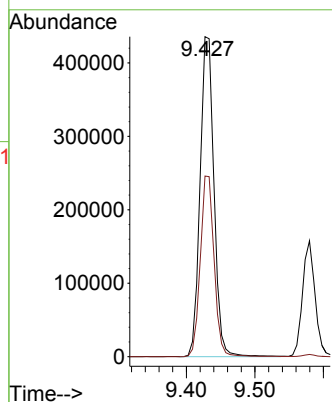
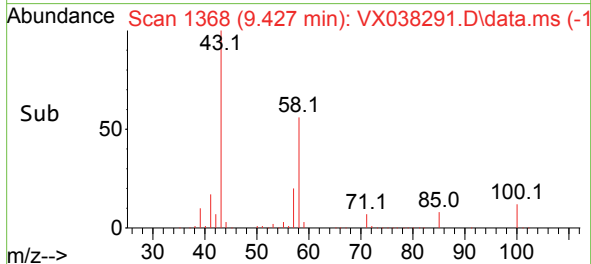
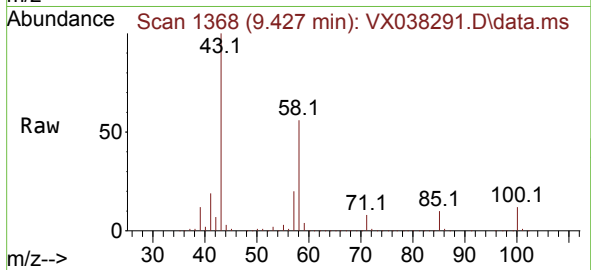




#59
2-Hexanone
Concen: 248.179 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

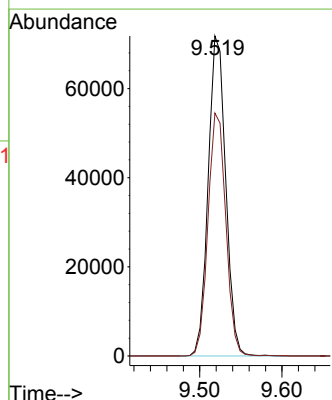
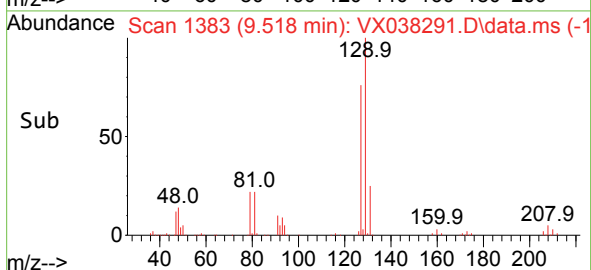
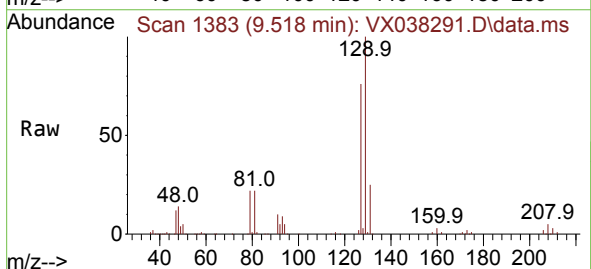
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

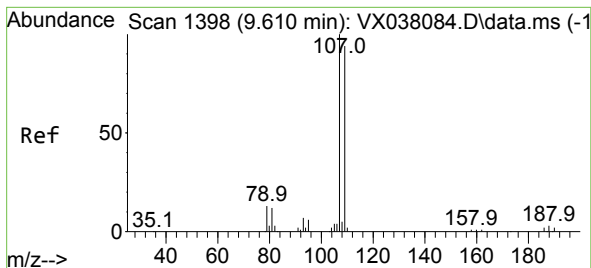
Tgt Ion: 43 Resp: 615862
Ion Ratio Lower Upper
43 100
58 56.1 26.2 78.5



#60
Dibromochloromethane
Concen: 55.234 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 129 Resp: 106334
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61

1,2-Dibromoethane

Concen: 52.831 ug/l

RT: 9.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

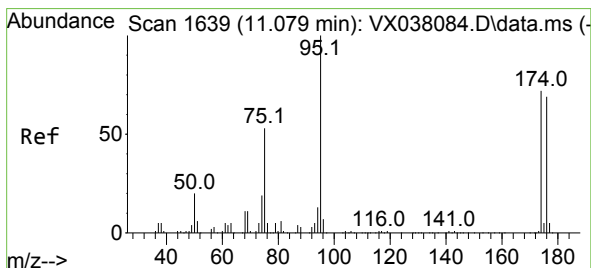
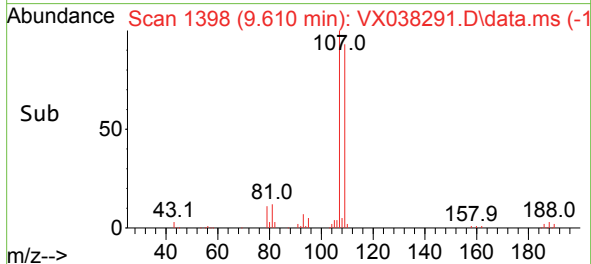
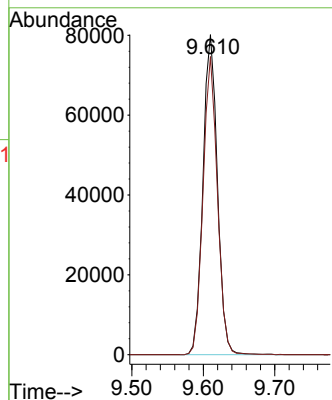
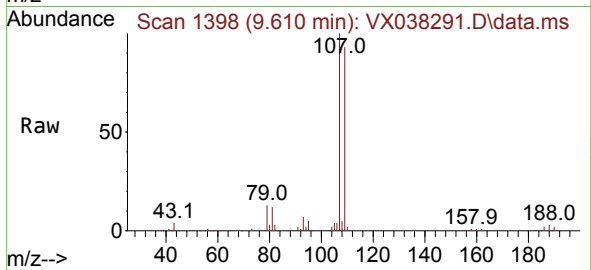
GW-14-12-15MSD

Tgt Ion:107 Resp: 112380

Ion Ratio Lower Upper

107 100

109 92.5 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 51.350 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

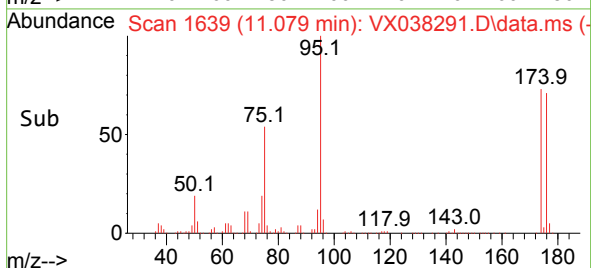
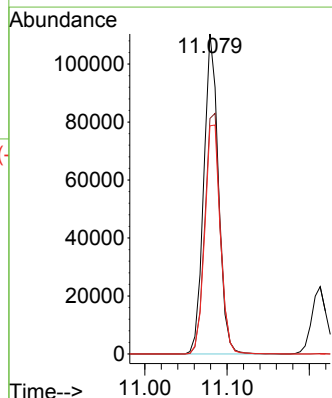
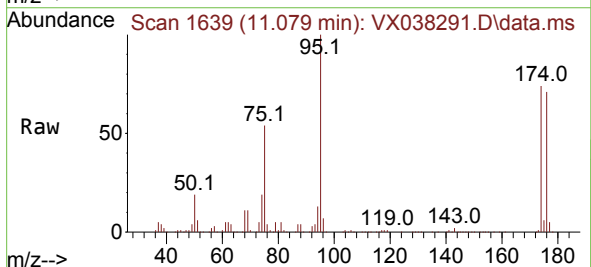
Tgt Ion: 95 Resp: 136164

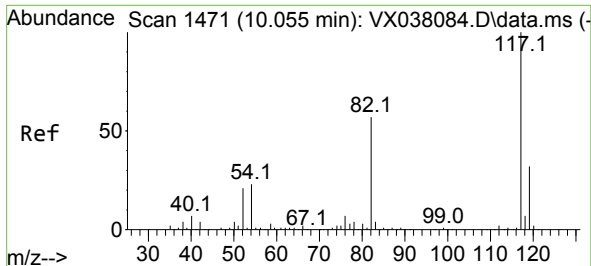
Ion Ratio Lower Upper

95 100

174 79.8 0.0 135.6

176 76.3 0.0 131.0

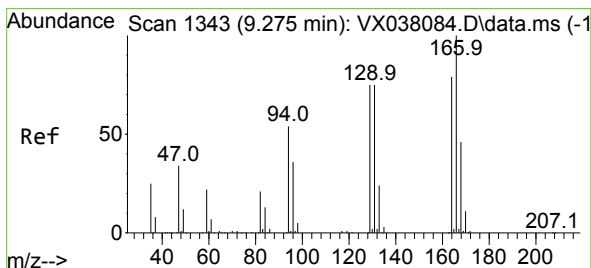
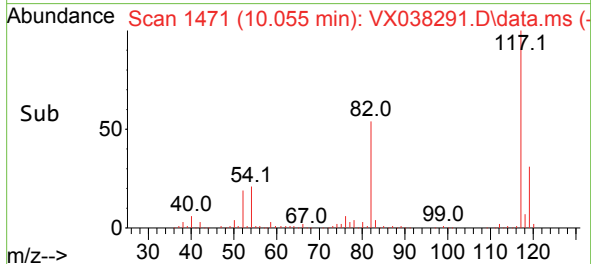
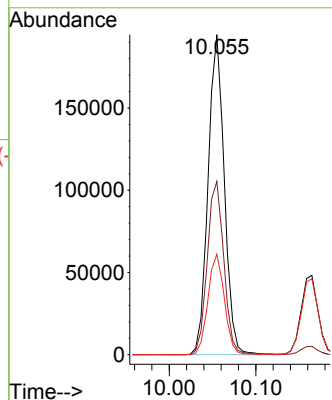
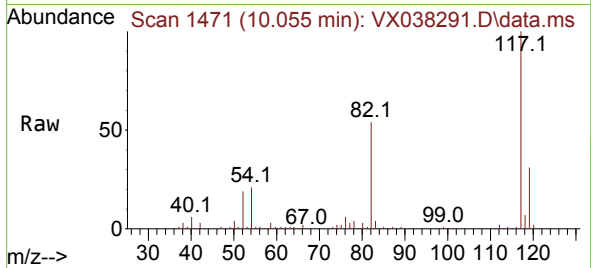




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

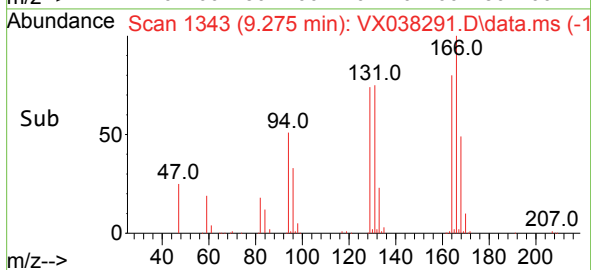
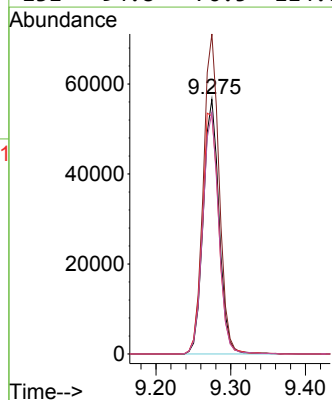
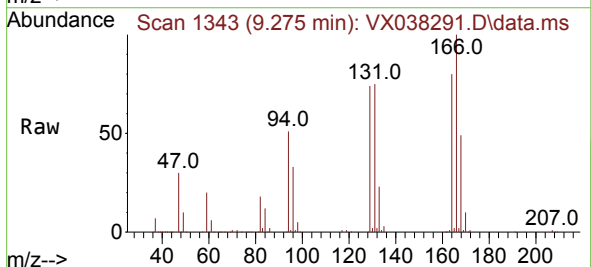
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

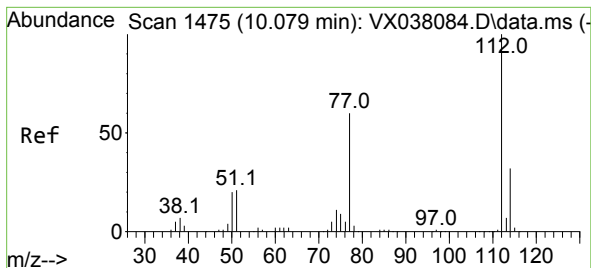
Tgt Ion:117 Resp: 253409
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 50.484 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion:164 Resp: 82819
Ion Ratio Lower Upper
164 100
166 125.7 102.7 154.1
129 93.5 80.4 120.6
131 94.8 76.5 114.7

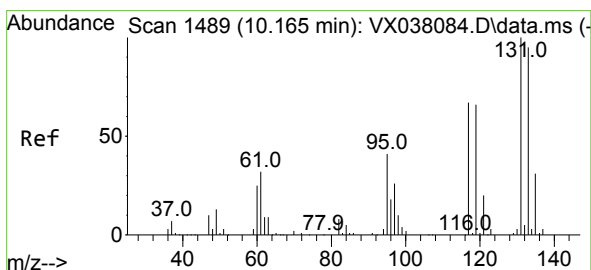
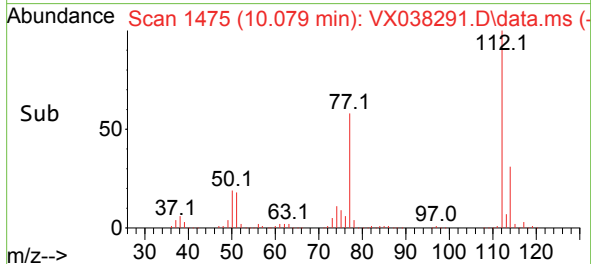
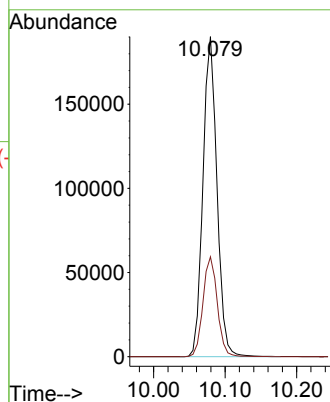
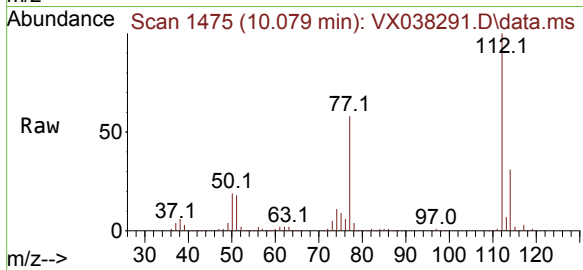




#65
Chlorobenzene
Concen: 48.726 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

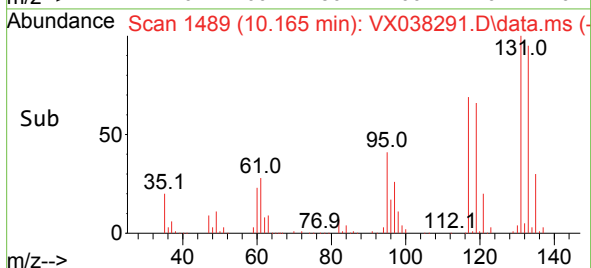
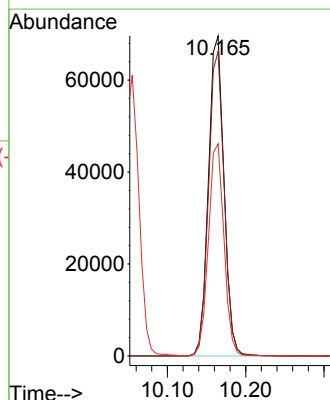
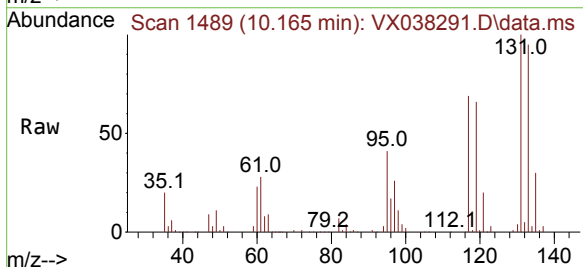
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

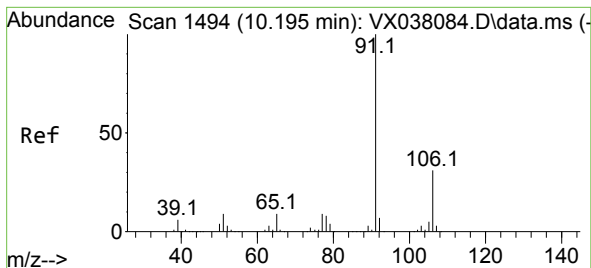
Tgt Ion:112 Resp: 258380
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.366 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion:131 Resp: 95692
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 66.5 32.2 96.6





#67

Ethyl Benzene

Concen: 49.316 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

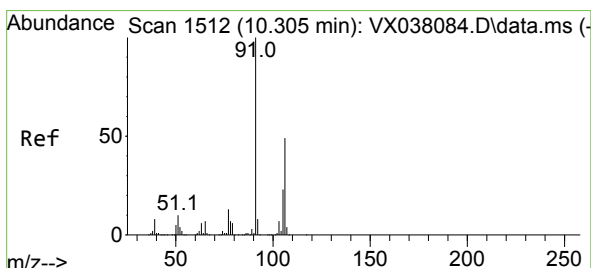
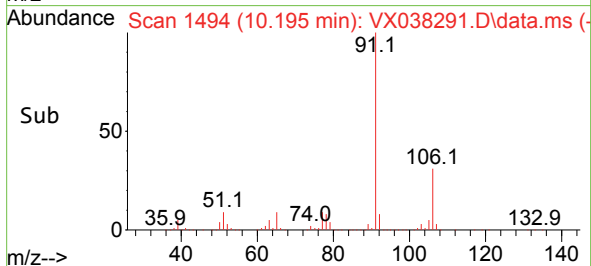
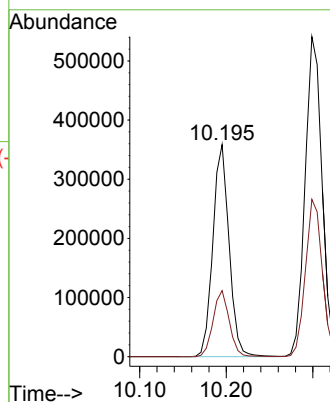
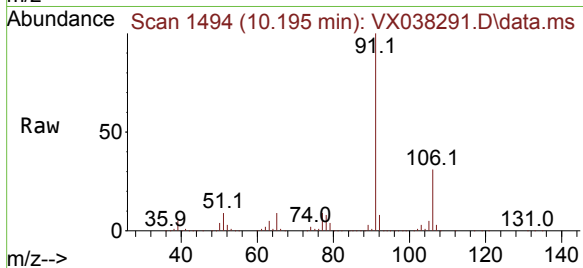
GW-14-12-15MSD

Tgt Ion: 91 Resp: 466790

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 99.102 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX038291.D

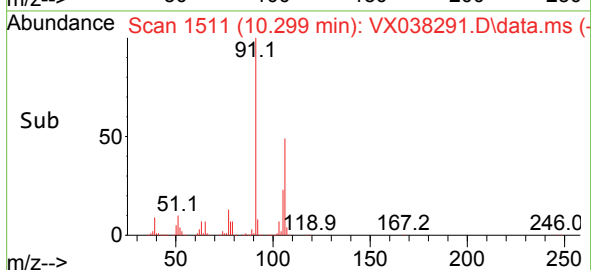
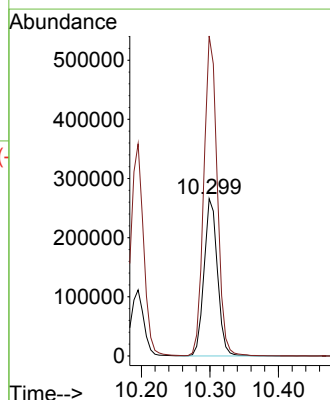
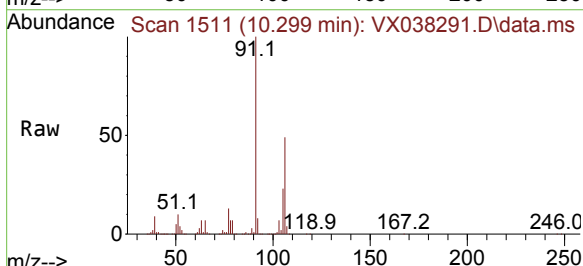
Acq: 13 Oct 2023 17:48

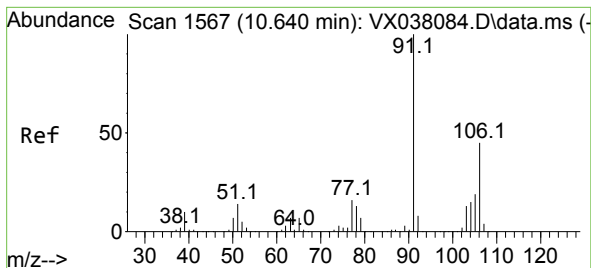
Tgt Ion:106 Resp: 362703

Ion Ratio Lower Upper

106 100

91 204.0 165.5 248.3





#69

o-Xylene

Concen: 49.737 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

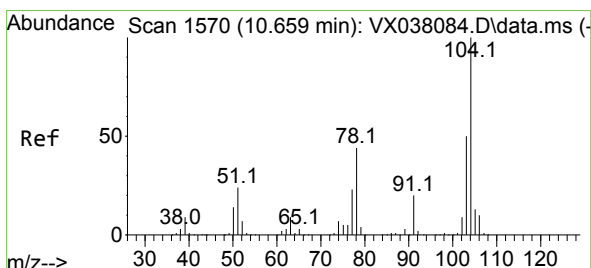
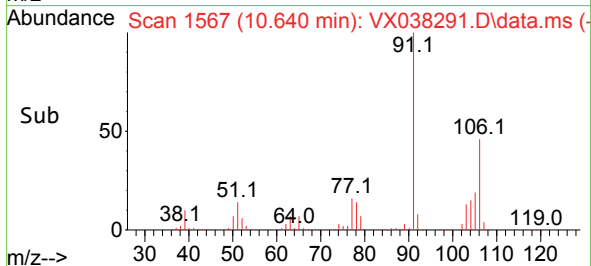
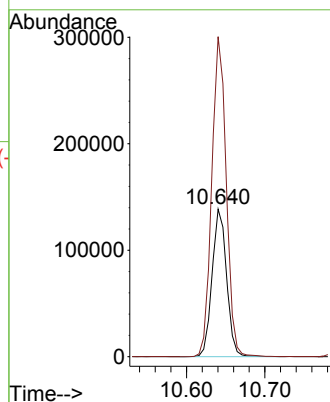
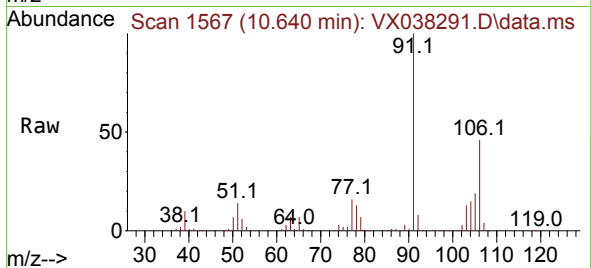
GW-14-12-15MSD

Tgt Ion:106 Resp: 177663

Ion Ratio Lower Upper

106 100

91 217.2 108.9 326.8



#70

Styrene

Concen: 50.716 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.007 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

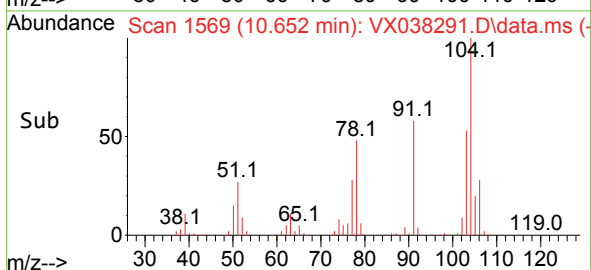
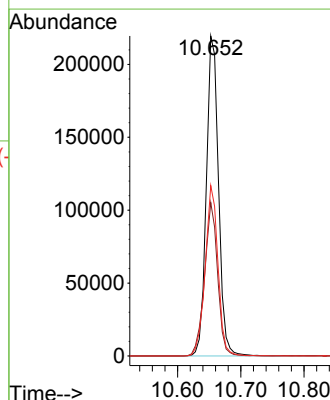
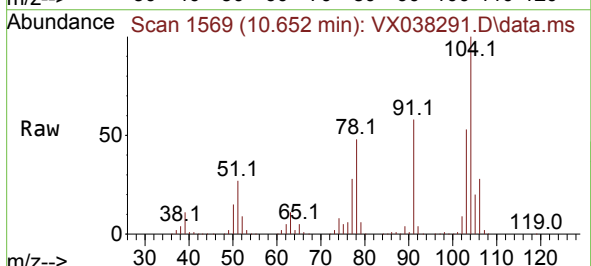
Tgt Ion:104 Resp: 295022

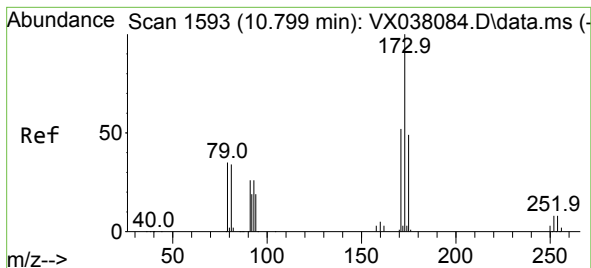
Ion Ratio Lower Upper

104 100

78 51.2 43.6 65.4

103 56.0 43.6 65.4





#71

Bromoform

Concen: 46.886 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MSD

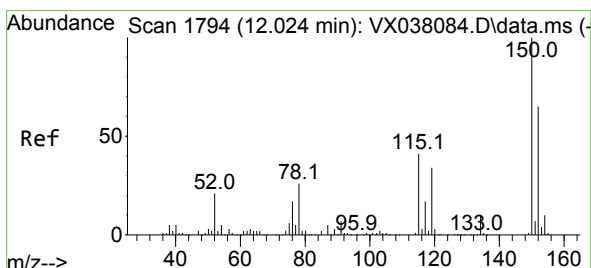
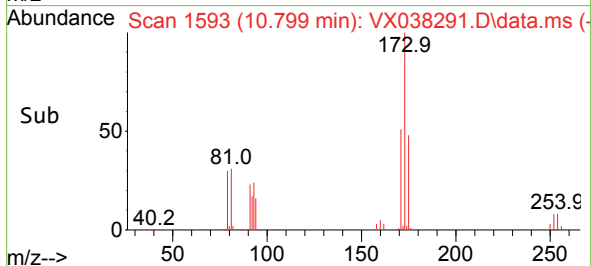
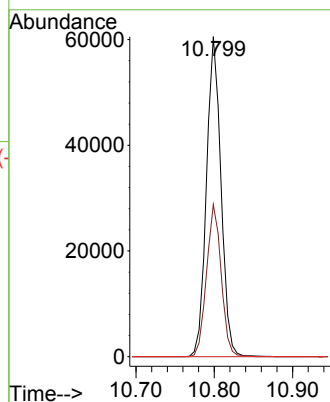
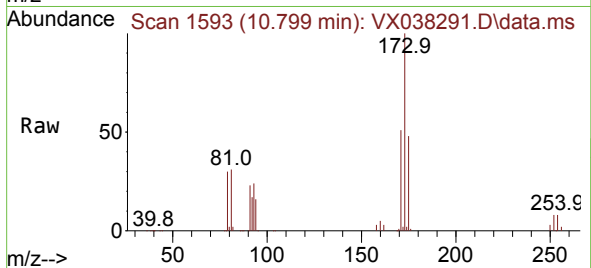
Tgt Ion:173 Resp: 77677

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

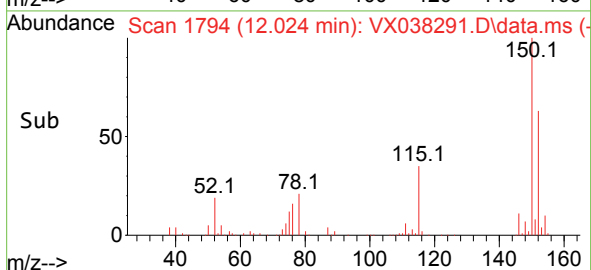
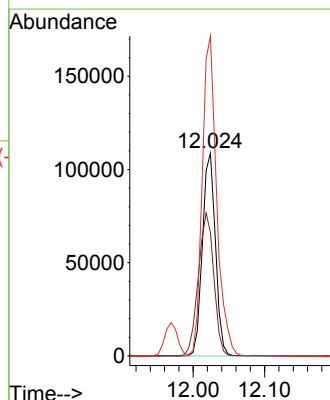
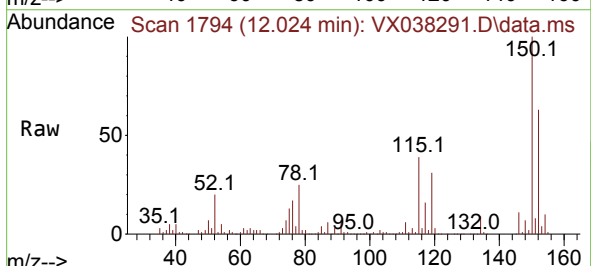
Tgt Ion:152 Resp: 137663

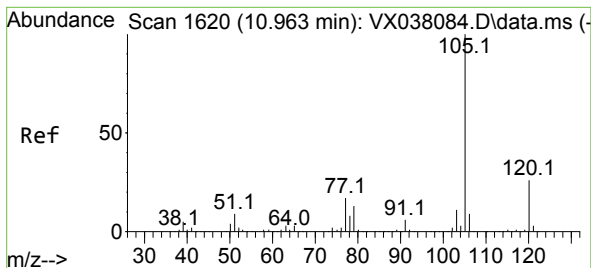
Ion Ratio Lower Upper

152 100

115 83.7 43.3 129.9

150 173.8 0.0 345.0





#73

Isopropylbenzene

Concen: 50.287 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

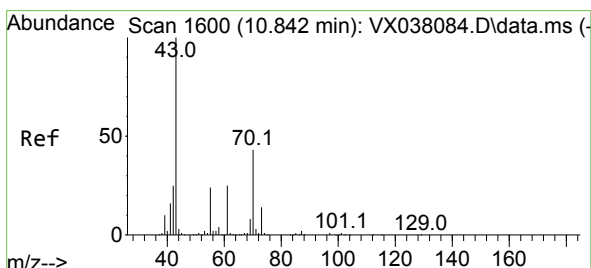
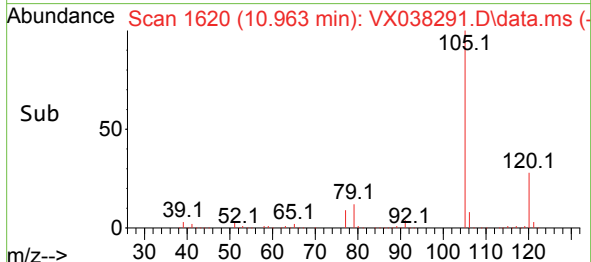
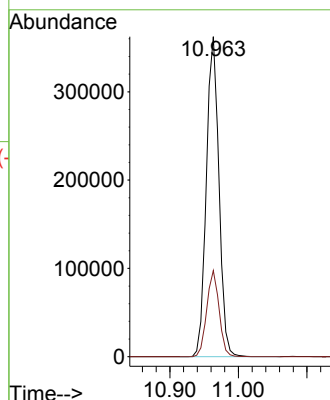
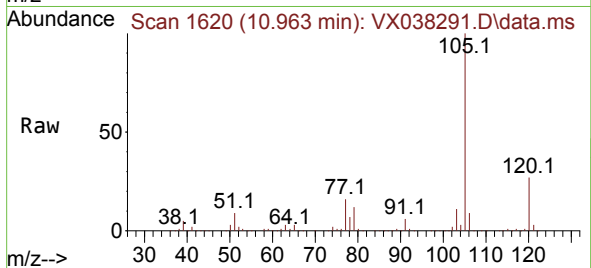
GW-14-12-15MSD

Tgt Ion:105 Resp: 464255

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 48.868 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Tgt Ion: 43 Resp: 192658

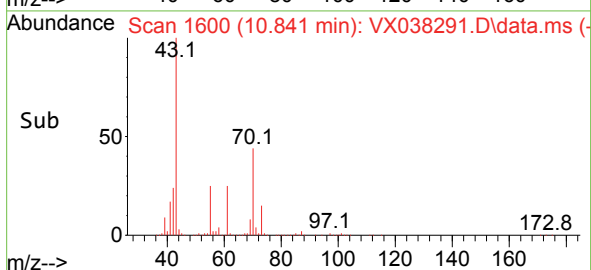
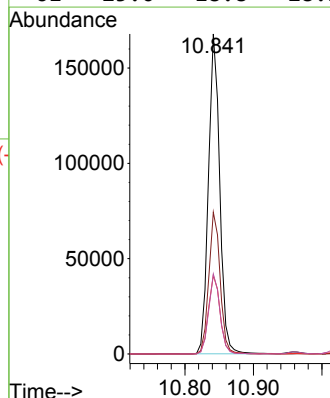
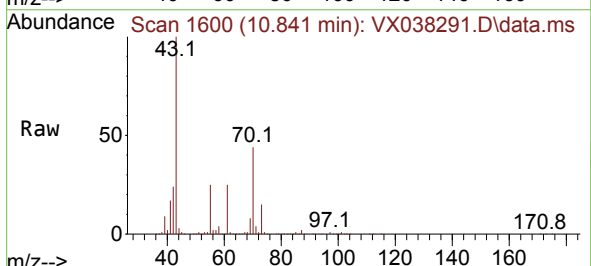
Ion Ratio Lower Upper

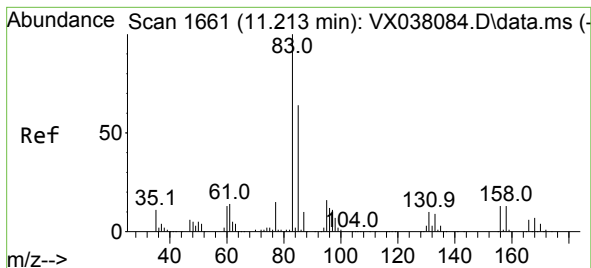
43 100

70 44.6 32.9 49.3

55 25.5 19.3 28.9

61 25.0 18.8 28.2

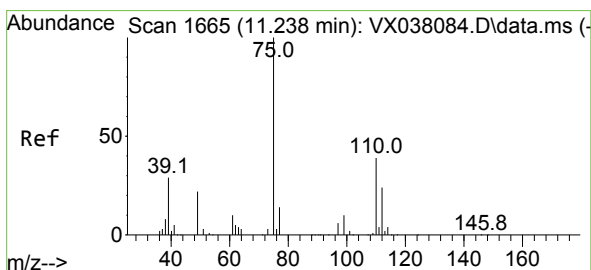
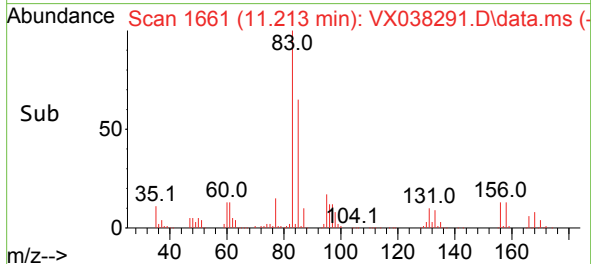
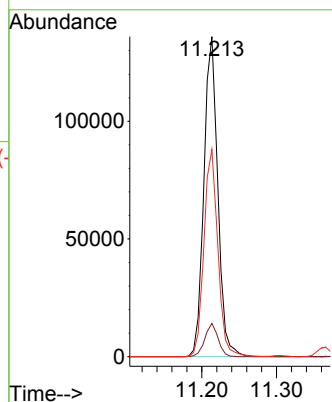
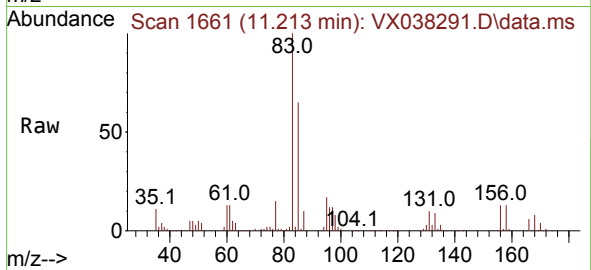




#75
1,1,2,2-Tetrachloroethane
Concen: 51.869 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

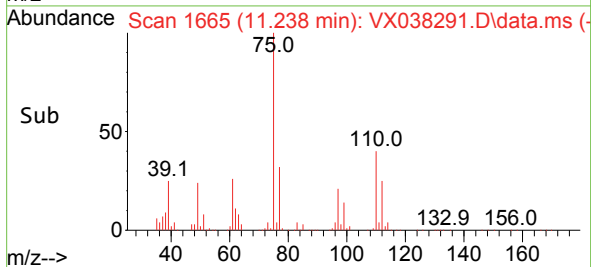
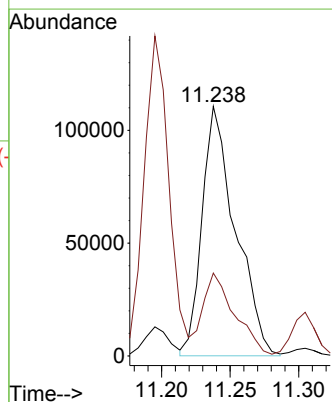
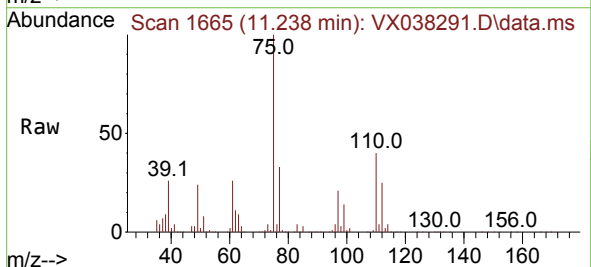
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

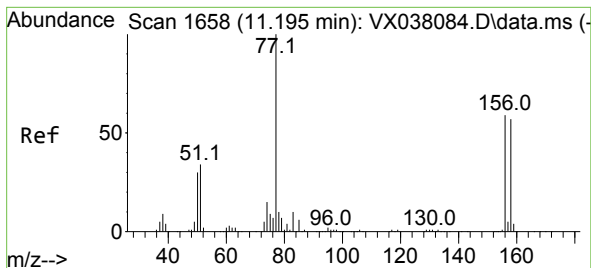
Tgt Ion: 83 Resp: 175714
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.7 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 59.949 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 75 Resp: 187615
Ion Ratio Lower Upper
75 100
77 32.0 19.1 57.5





#77

Bromobenzene

Concen: 50.393 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MSD

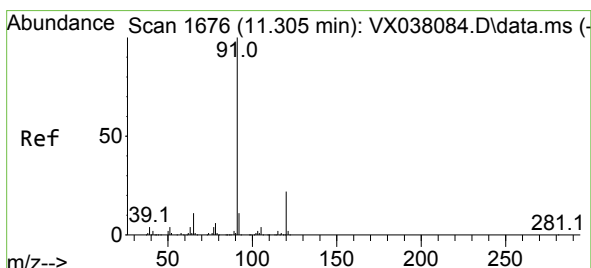
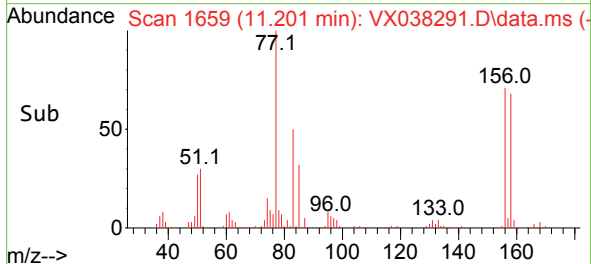
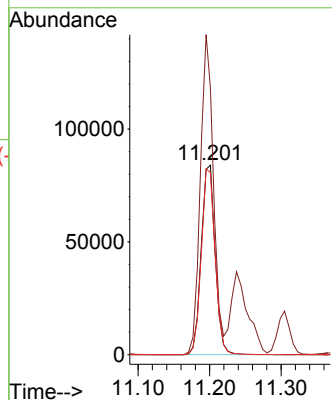
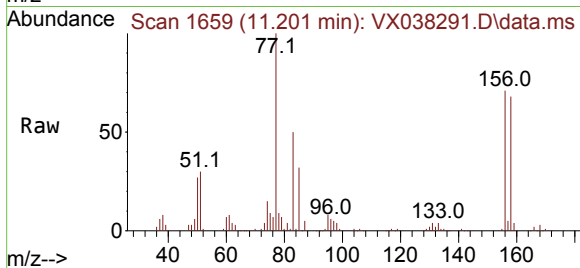
Tgt Ion:156 Resp: 113584

Ion Ratio Lower Upper

156 100

77 158.3 88.4 265.3

158 97.2 48.0 144.0



#78

n-propylbenzene

Concen: 48.947 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038291.D

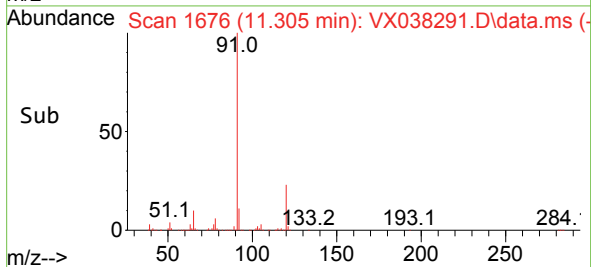
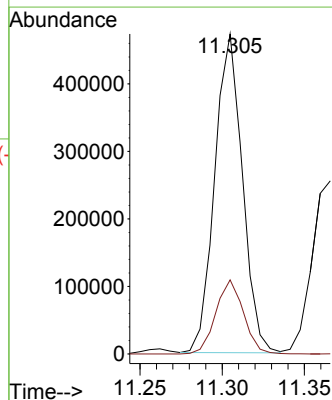
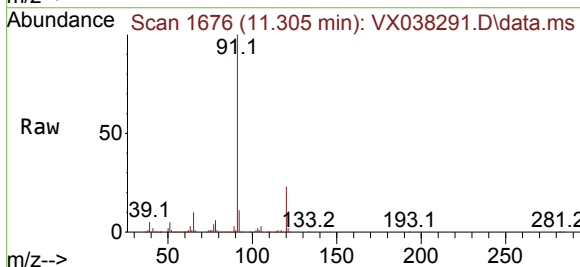
Acq: 13 Oct 2023 17:48

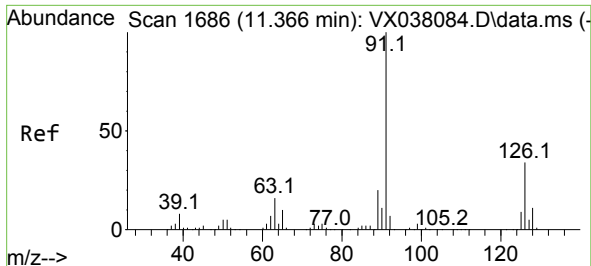
Tgt Ion: 91 Resp: 552540

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

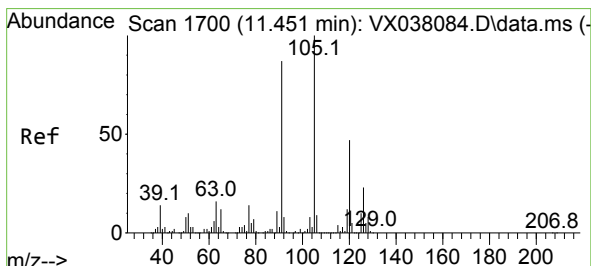
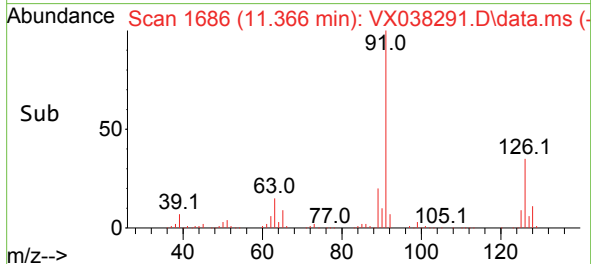
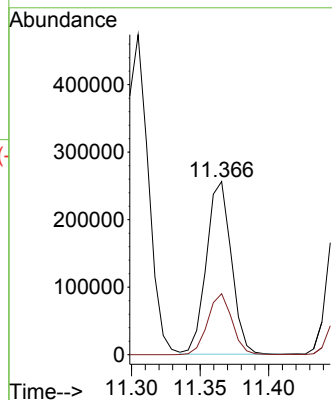
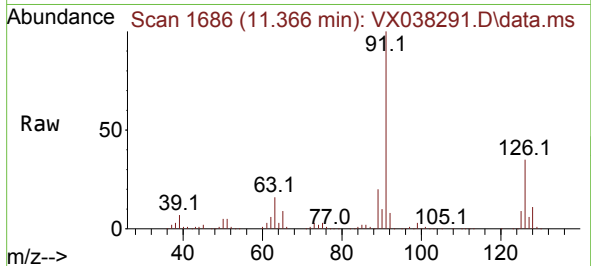




#79
2-Chlorotoluene
Concen: 48.392 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

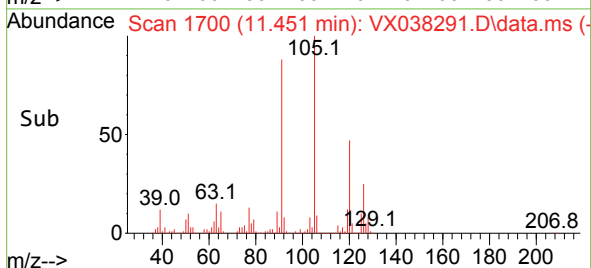
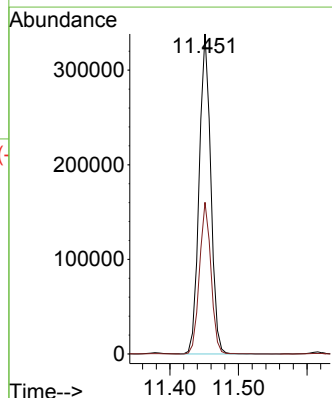
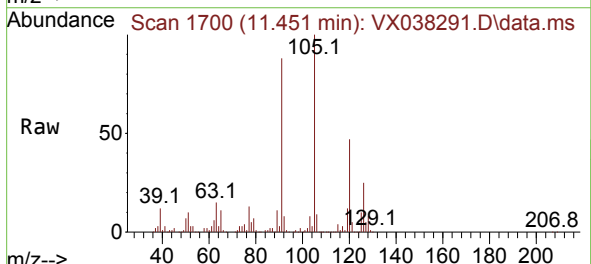
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

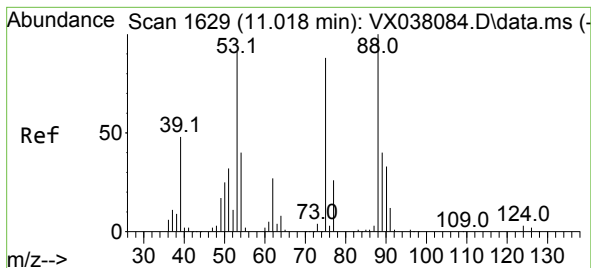
Tgt Ion: 91 Resp: 323970
Ion Ratio Lower Upper
91 100
126 34.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 50.121 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 105 Resp: 399210
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.3

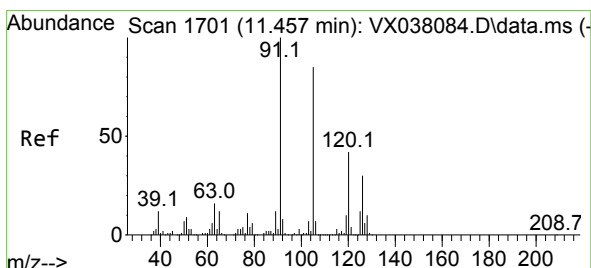
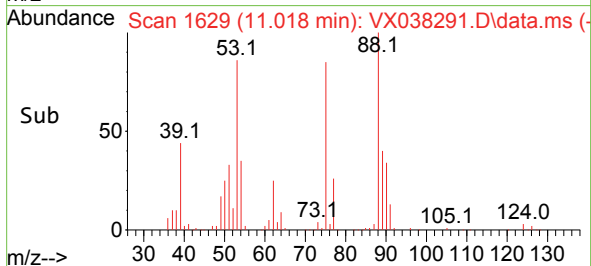
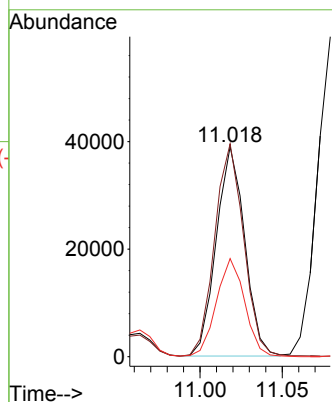
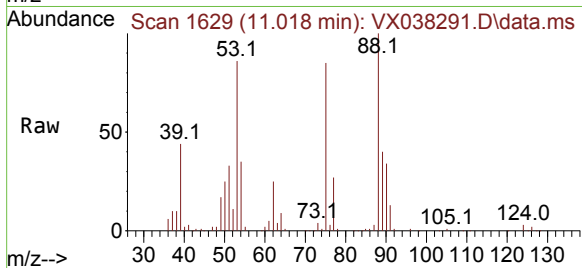




#81
trans-1,4-Dichloro-2-butene
Concen: 44.198 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

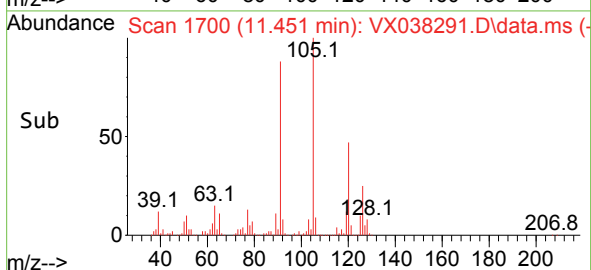
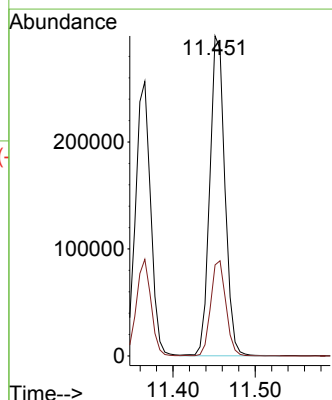
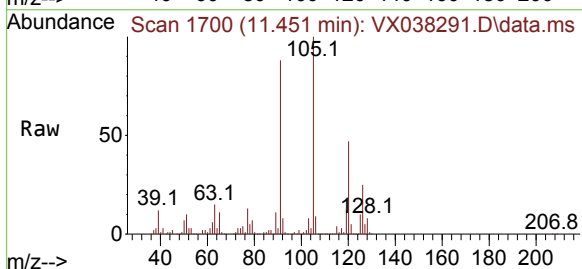
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

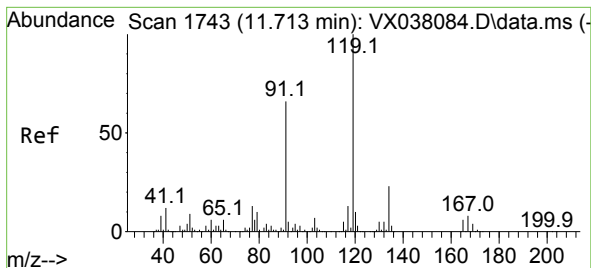
Tgt Ion: 75 Resp: 46826
Ion Ratio Lower Upper
75 100
53 103.8 90.5 135.7
89 46.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 48.126 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 91 Resp: 381253
Ion Ratio Lower Upper
91 100
126 30.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.692 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MSD

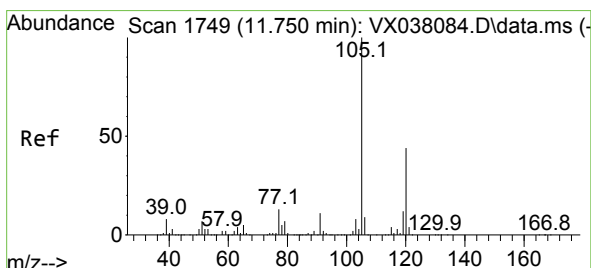
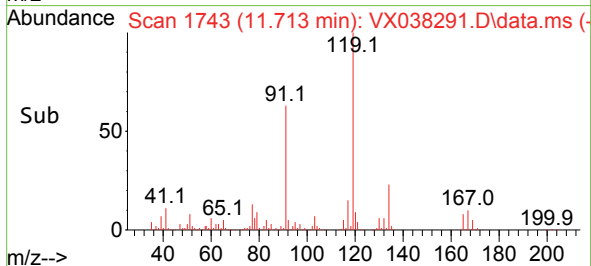
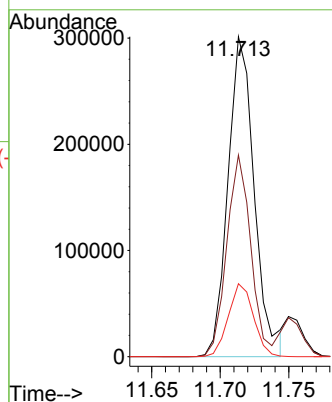
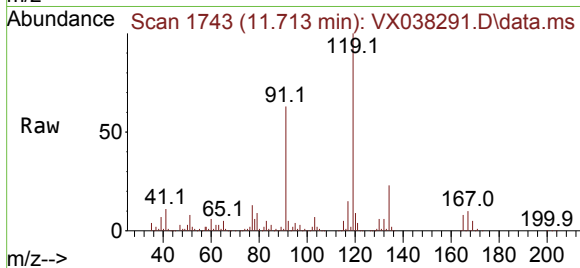
Tgt Ion:119 Resp: 402301

Ion Ratio Lower Upper

119 100

91 57.7 31.2 93.6

134 21.9 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 50.093 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038291.D

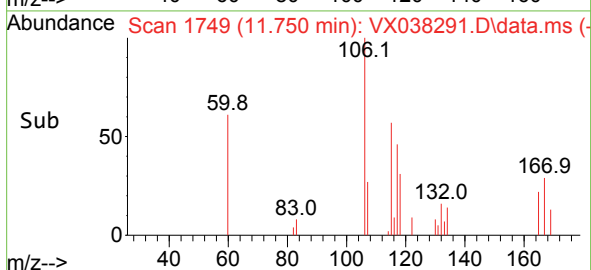
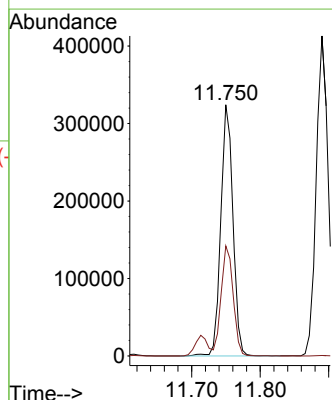
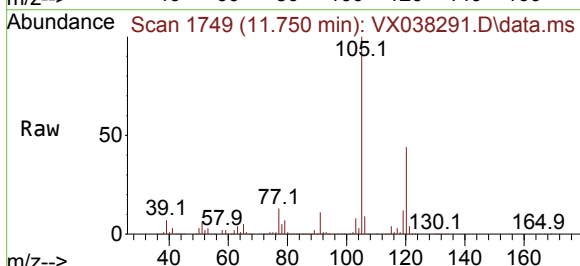
Acq: 13 Oct 2023 17:48

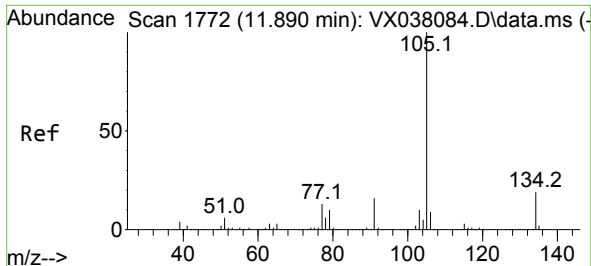
Tgt Ion:105 Resp: 397810

Ion Ratio Lower Upper

105 100

120 43.2 21.2 63.6

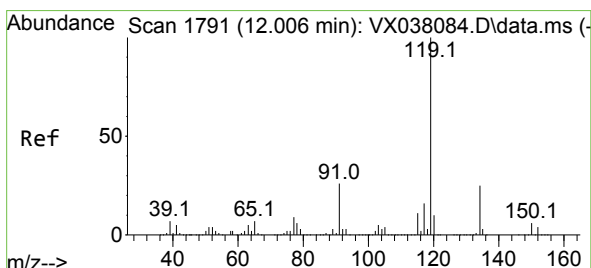
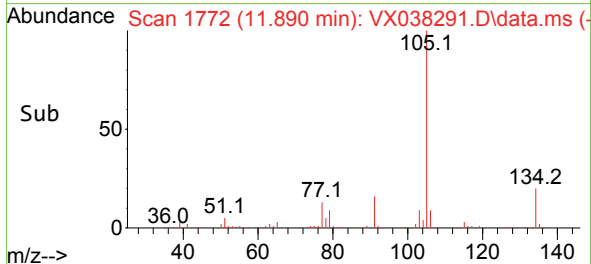
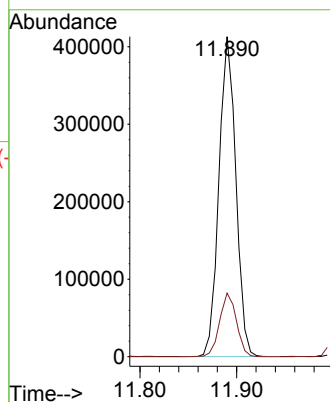
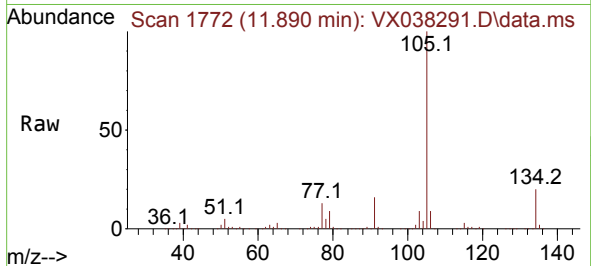




#85
 sec-Butylbenzene
 Concen: 49.581 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038291.D
 Acq: 13 Oct 2023 17:48

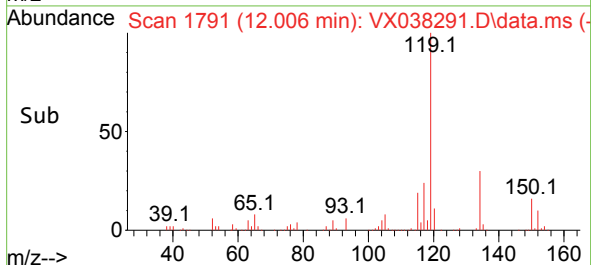
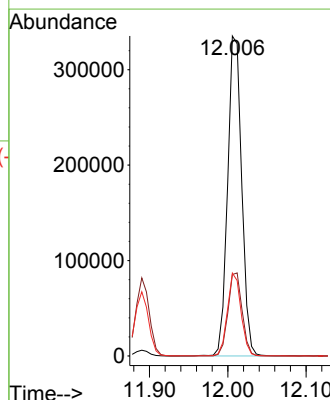
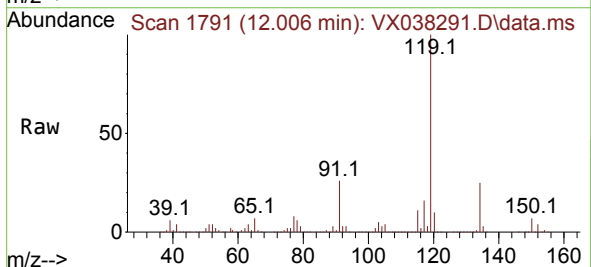
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-14-12-15MSD

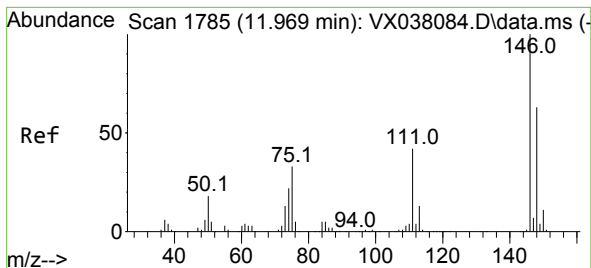
Tgt Ion:105 Resp: 499855
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 50.464 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038291.D
 Acq: 13 Oct 2023 17:48

Tgt Ion:119 Resp: 419751
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.190 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MSD

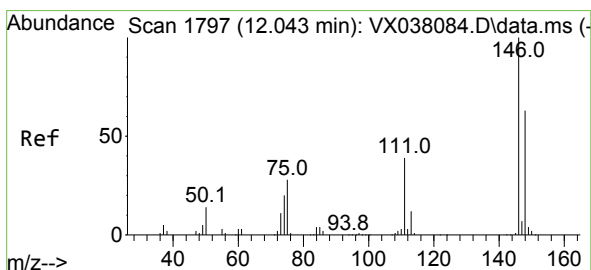
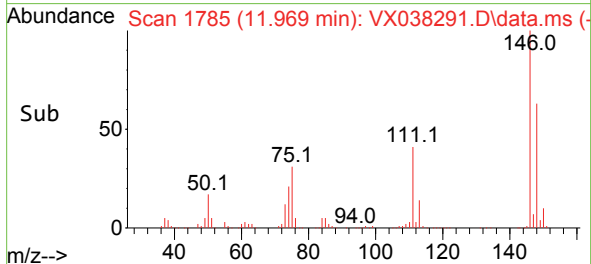
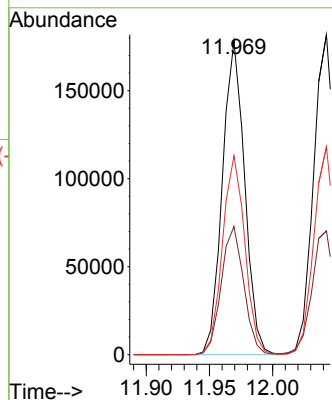
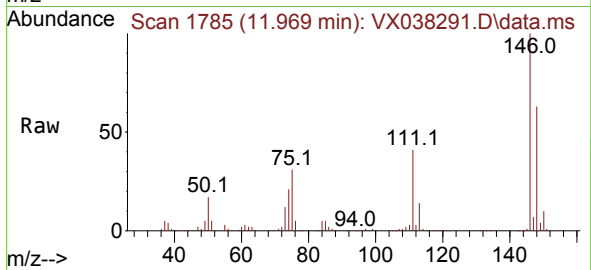
Tgt Ion:146 Resp: 218162

Ion Ratio Lower Upper

146 100

111 41.4 22.1 66.1

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.635 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

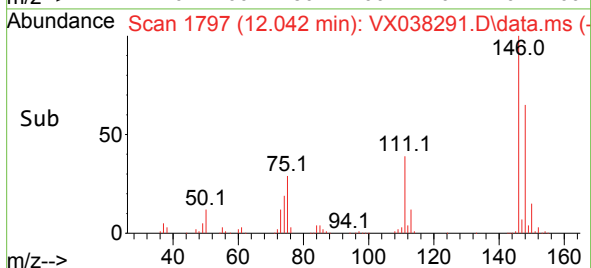
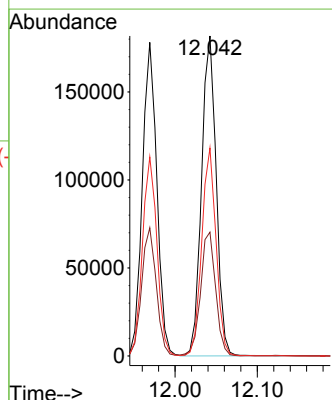
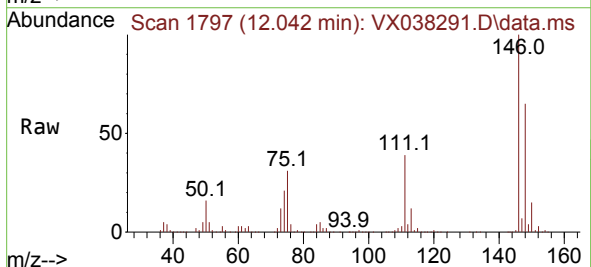
Tgt Ion:146 Resp: 224785

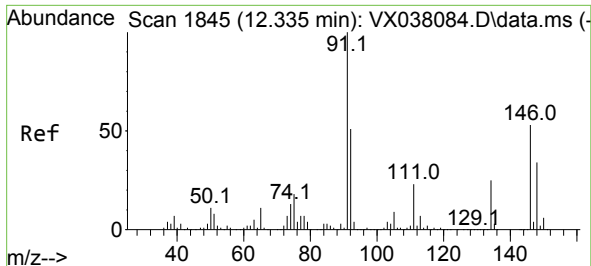
Ion Ratio Lower Upper

146 100

111 39.9 21.3 63.7

148 63.7 31.8 95.4

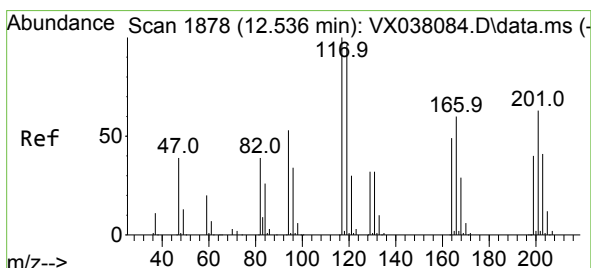
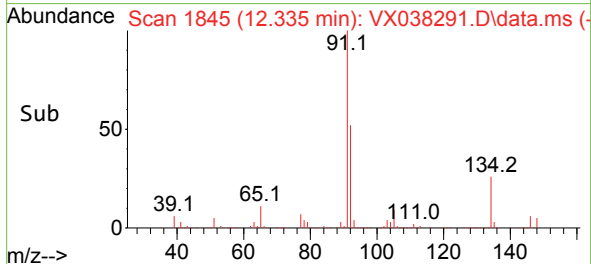
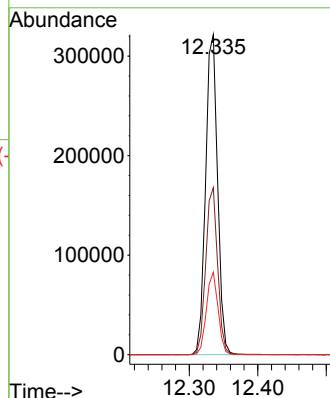
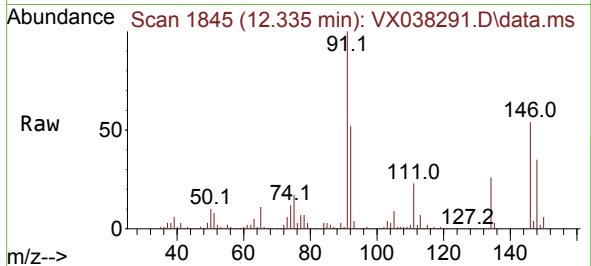




#89
n-Butylbenzene
Concen: 47.375 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

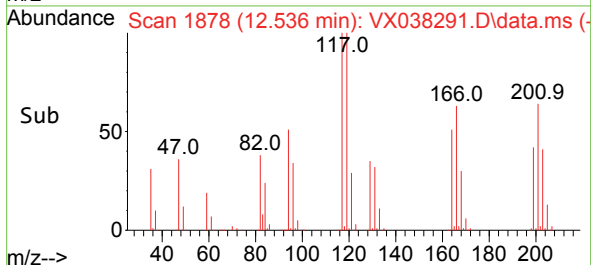
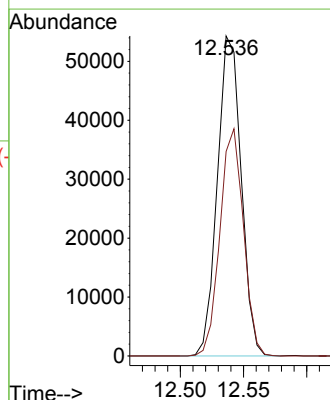
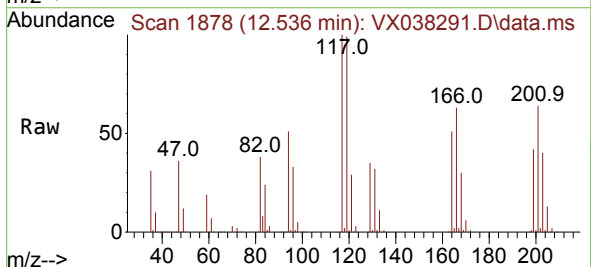
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

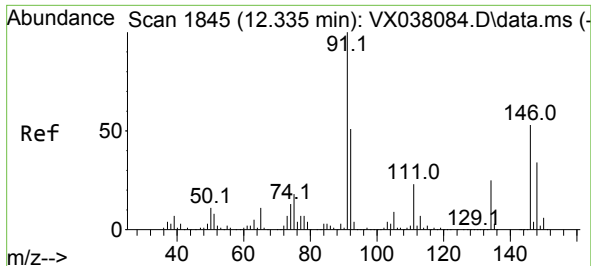
Tgt Ion: 91 Resp: 392444
Ion Ratio Lower Upper
91 100
92 51.7 27.4 82.0
134 25.1 12.6 37.8



#90
Hexachloroethane
Concen: 51.539 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 117 Resp: 71078
Ion Ratio Lower Upper
117 100
201 70.1 32.9 98.6

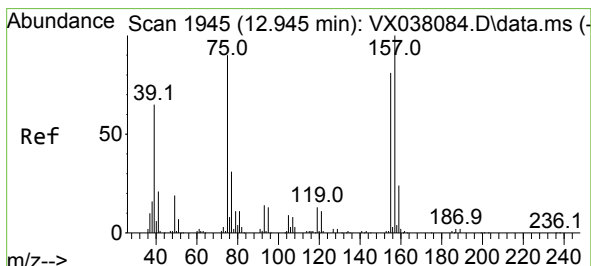
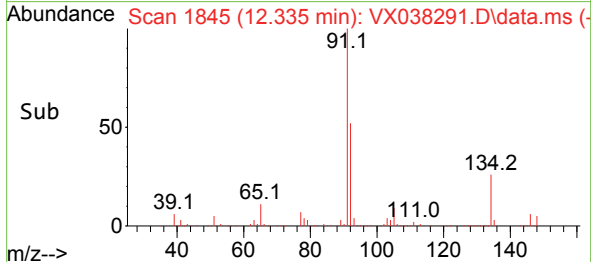
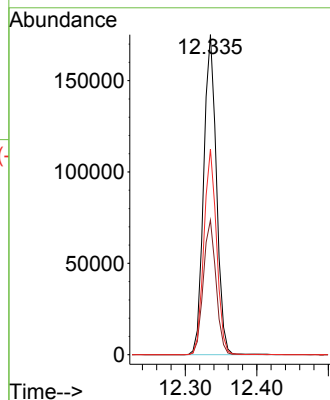
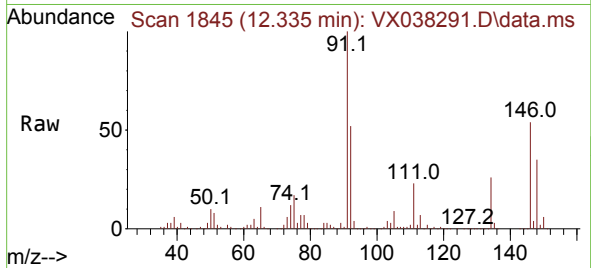




#91
1,2-Dichlorobenzene
Concen: 49.945 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

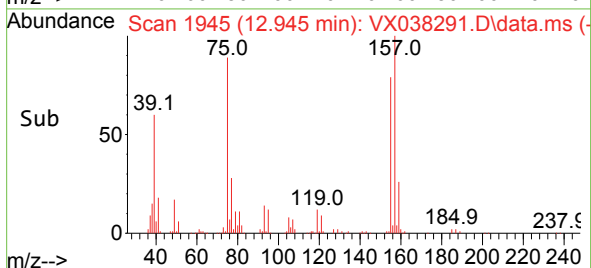
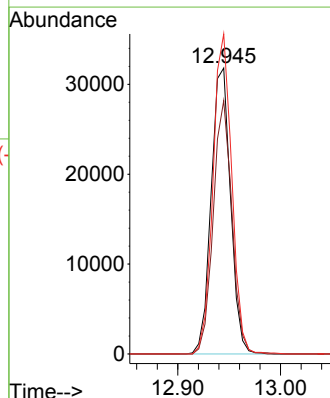
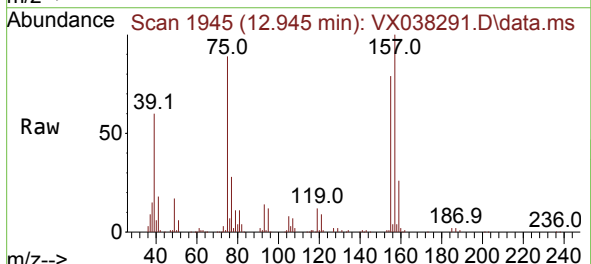
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MSD

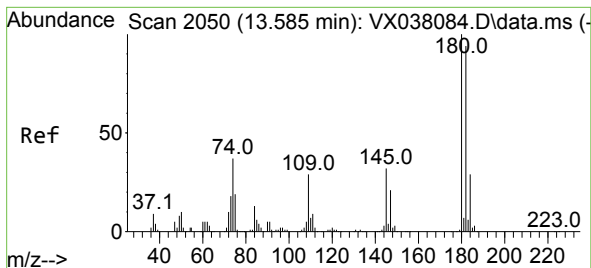
Tgt Ion:146 Resp: 217340
Ion Ratio Lower Upper
146 100
111 41.9 22.4 67.0
148 63.6 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.798 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038291.D
Acq: 13 Oct 2023 17:48

Tgt Ion: 75 Resp: 41607
Ion Ratio Lower Upper
75 100
155 85.3 36.1 108.5
157 108.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.869 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MSD

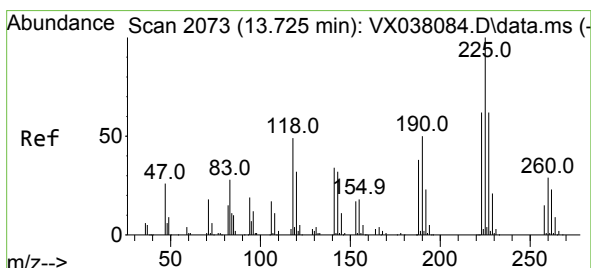
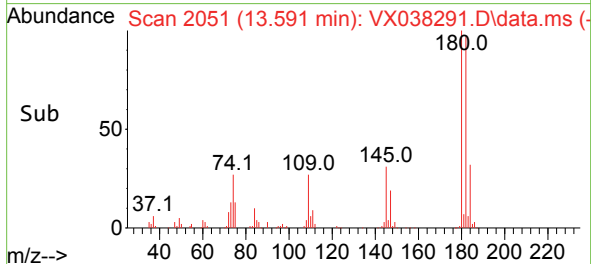
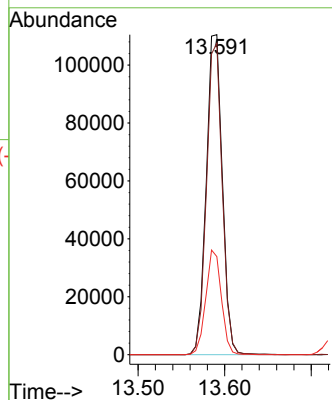
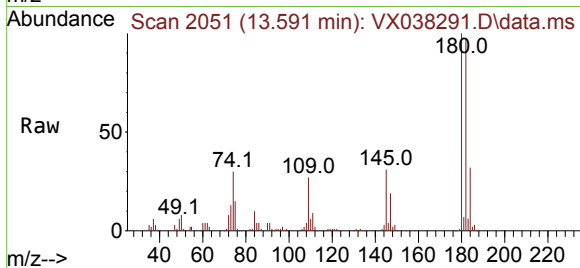
Tgt Ion:180 Resp: 142635

Ion Ratio Lower Upper

180 100

182 94.8 48.3 144.8

145 31.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 49.518 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

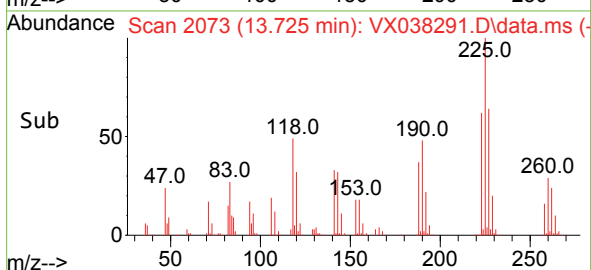
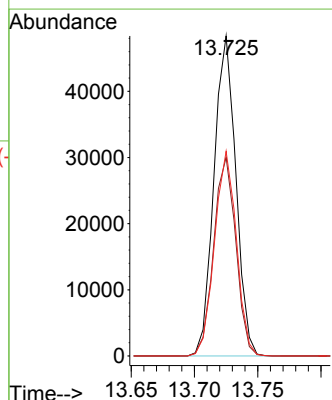
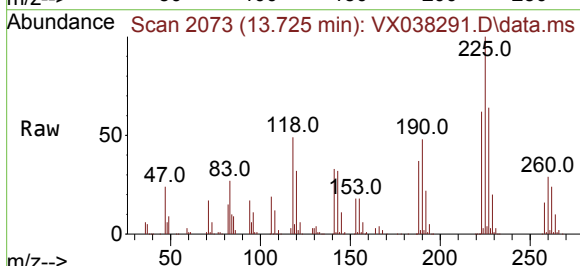
Tgt Ion:225 Resp: 58171

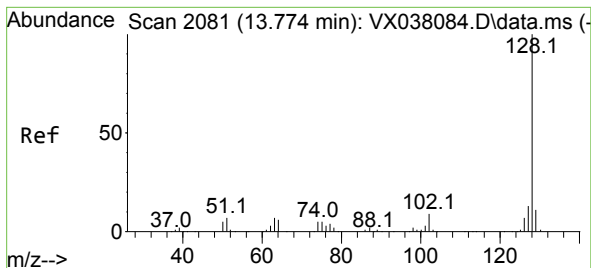
Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.2

227 63.8 32.5 97.5





#95

Naphthalene

Concen: 49.320 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MSD

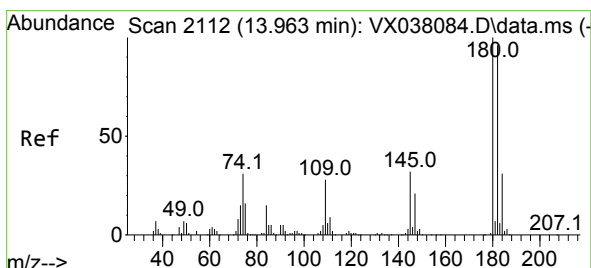
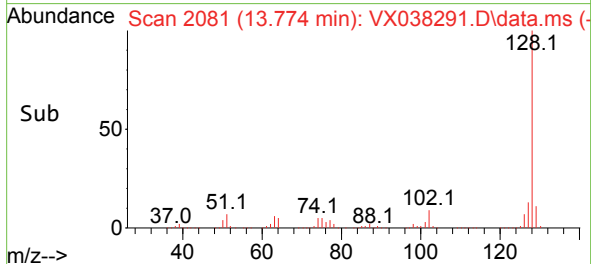
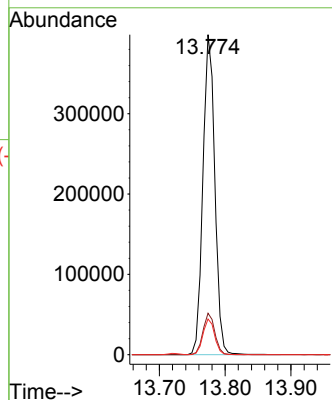
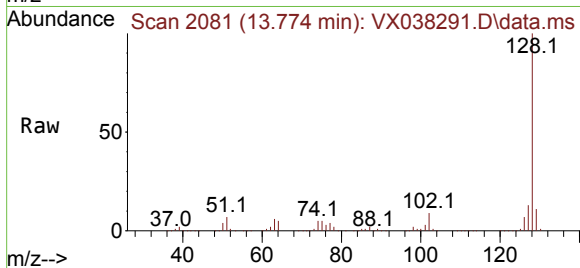
Tgt Ion:128 Resp: 501300

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.974 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038291.D

Acq: 13 Oct 2023 17:48

Tgt Ion:180 Resp: 141230

Ion Ratio Lower Upper

180 100

182 94.8 46.9 140.6

145 33.4 17.8 53.5

