

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038343.D
 Acq On : 17 Oct 2023 20:32
 Operator : JC/MD
 Sample : 04899-14MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-18-37-40MS

Quant Time: Oct 18 04:06:00 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

Manual Integrations APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	135003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92244	42.481	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.960%		
35) Dibromofluoromethane	5.385	113	74895	44.169	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.340%		
50) Toluene-d8	8.647	98	281159	43.392	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	86.780%#		
62) 4-Bromofluorobenzene	11.079	95	116009	47.227	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64616	49.585	ug/l	100
3) Chloromethane	1.294	50	69538	52.356	ug/l	96
4) Vinyl Chloride	1.374	62	90823	61.676	ug/l	96
5) Bromomethane	1.599	94	125103	64.939	ug/l	100
6) Chloroethane	1.679	64	66196	60.258	ug/l	98
7) Trichlorofluoromethane	1.886	101	175582	60.365	ug/l	98
8) Diethyl Ether	2.130	74	60666	55.924	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	70767	55.731	ug/l	97
10) Methyl Iodide	2.453	142	94360	51.647	ug/l	95
11) Tert butyl alcohol	2.959	59	115733	241.048	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	68740	55.652	ug/l	86
13) Acrolein	2.233	56	61030	197.705	ug/l	100
14) Allyl chloride	2.666	41	108064	48.913	ug/l #	93
15) Acrylonitrile	3.062	53	257272	260.350	ug/l	99
16) Acetone	2.380	43	214651	236.857	ug/l	93
17) Carbon Disulfide	2.514	76	171366	48.137	ug/l	100
18) Methyl Acetate	2.703	43	198298	51.025	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	256038	52.048	ug/l	98
20) Methylene Chloride	2.788	84	83483	48.974	ug/l #	89
21) trans-1,2-Dichloroethene	3.093	96	81107	53.034	ug/l	87
22) Diisopropyl ether	3.757	45	236072	50.984	ug/l #	95
23) Vinyl Acetate	3.721	43	833956	245.596	ug/l	96
24) 1,1-Dichloroethane	3.611	63	142604	50.748	ug/l	99
25) 2-Butanone	4.550	43	368780	252.208	ug/l	93
26) 2,2-Dichloropropane	4.477	77	91413	41.666	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	95213	52.275	ug/l	88
28) Bromochloromethane	4.897	49	61039	48.118	ug/l	84
29) Tetrahydrofuran	5.001	42	241328	253.499	ug/l #	87
30) Chloroform	5.093	83	293294	95.446	ug/l	97
31) Cyclohexane	5.471	56	121138	51.491	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	141480	53.754	ug/l	99
36) 1,1-Dichloropropene	5.690	75	113860	48.694	ug/l	97
37) Ethyl Acetate	4.708	43	132397	47.676	ug/l	96
38) Carbon Tetrachloride	5.678	117	120102	52.213	ug/l	98
39) Methylcyclohexane	7.379	83	138964	50.738	ug/l	94
40) Benzene	6.037	78	341026	52.145	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	71703	51.904	ug/l #	90
42) 1,2-Dichloroethane	6.080	62	131652	50.384	ug/l	98
43) Isopropyl Acetate	6.342	43	203491	49.086	ug/l	97
44) Trichloroethene	7.123	130	92414	54.026	ug/l	95
45) 1,2-Dichloropropane	7.427	63	85585	50.562	ug/l	97
46) Dibromomethane	7.580	93	68912	52.491	ug/l	97
47) Bromodichloromethane	7.824	83	126996	54.378	ug/l	94
48) Methyl methacrylate	7.690	41	101674	51.375	ug/l #	84
49) 1,4-Dioxane	7.659	88	45734	937.786	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	754736	263.942	ug/l	96
52) Toluene	8.720	92	232854	54.658	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	132778	52.966	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	135943	51.614	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	98874	54.260	ug/l	94
56) Ethyl methacrylate	9.116	69	148974	53.322	ug/l	92
57) 1,3-Dichloropropane	9.305	76	159484	54.114	ug/l	99
59) 2-Hexanone	9.427	43	613451	266.857	ug/l	94
60) Dibromochloromethane	9.519	129	102838	57.664	ug/l	100
61) 1,2-Dibromoethane	9.610	107	111160	56.411	ug/l	100
64) Tetrachloroethene	9.275	164	77530	49.272	ug/l	96
65) Chlorobenzene	10.079	112	256828	50.496	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	92284	53.657	ug/l	98
67) Ethyl Benzene	10.195	91	464805	51.197	ug/l	98
68) m/p-Xylenes	10.299	106	367910	104.805	ug/l	97
69) o-Xylene	10.640	106	179026	52.253	ug/l	99
70) Styrene	10.653	104	293638	52.627	ug/l	96
71) Bromoform	10.799	173	77986	48.943	ug/l #	99
73) Isopropylbenzene	10.963	105	476890	51.291	ug/l	99
74) N-amyl acetate	10.842	43	193470	48.727	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	176821	51.827	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	161701m	51.303	ug/l	
77) Bromobenzene	11.201	156	117884	51.932	ug/l	91
78) n-propylbenzene	11.305	91	566017	49.787	ug/l	100
79) 2-Chlorotoluene	11.366	91	329409	48.857	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	411068	51.246	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	44989	42.350	ug/l	91
82) 4-Chlorotoluene	11.451	91	393284	49.294	ug/l	97
83) tert-Butylbenzene	11.713	119	406600	51.875	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	406900	50.876	ug/l	98
85) sec-Butylbenzene	11.890	105	516117	50.832	ug/l	100
86) p-Isopropyltoluene	12.006	119	428847	51.193	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	229365	50.307	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	230235	49.462	ug/l	97
89) n-Butylbenzene	12.329	91	397792	47.681	ug/l	97
90) Hexachloroethane	12.536	117	72601	52.272	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	222830	50.845	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41891	50.784	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	140117	47.668	ug/l	97
94) Hexachlorobutadiene	13.725	225	55179	46.640	ug/l	98
95) Naphthalene	13.774	128	500520	48.895	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	137195	48.203	ug/l	97

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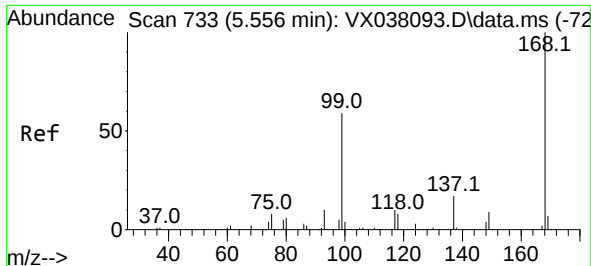
Manual Integrations
APPROVED

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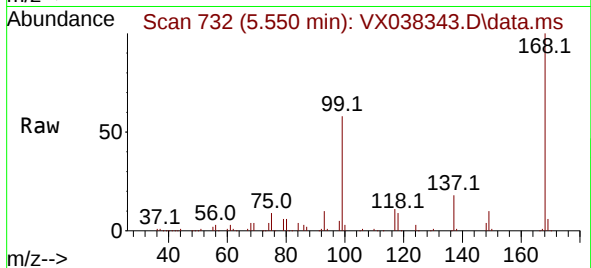
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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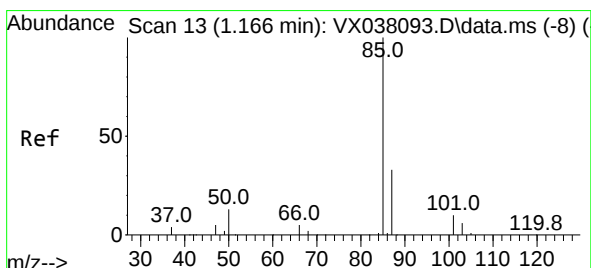
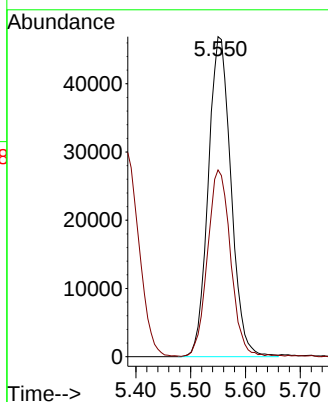
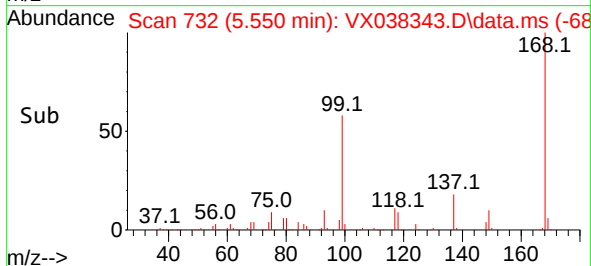
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 13500
Ion Ratio Lower Upper
168 100
99 58.2 56.6 85.0

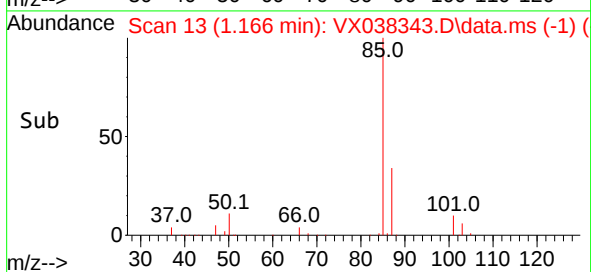
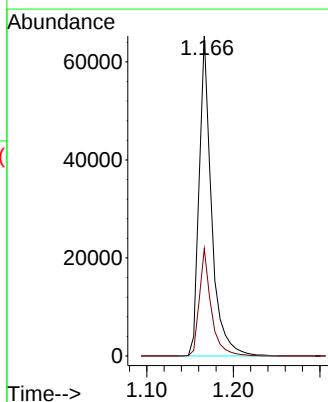
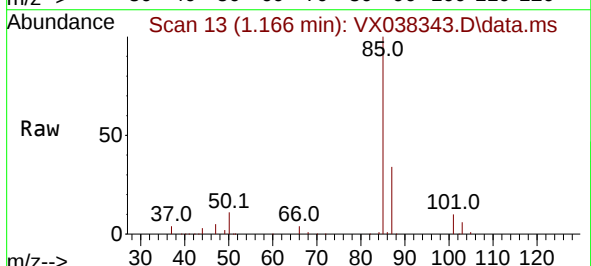
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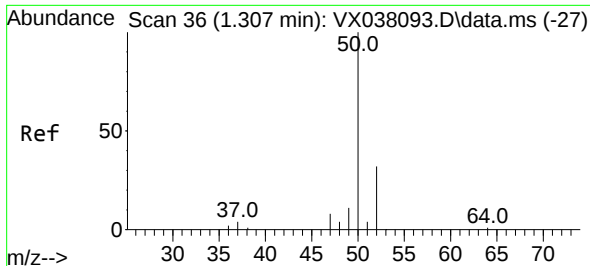
Reviewed By :John Carlone 10/18/2023
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#2
Dichlorodifluoromethane
Concen: 49.585 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

Tgt Ion: 85 Resp: 64616
Ion Ratio Lower Upper
85 100
87 33.5 16.7 50.1





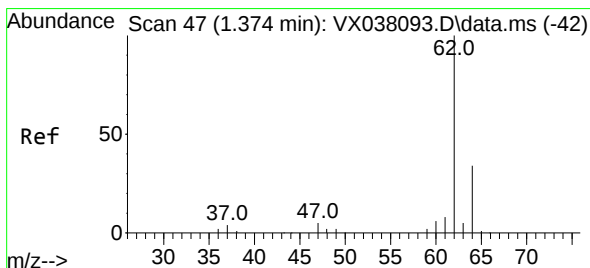
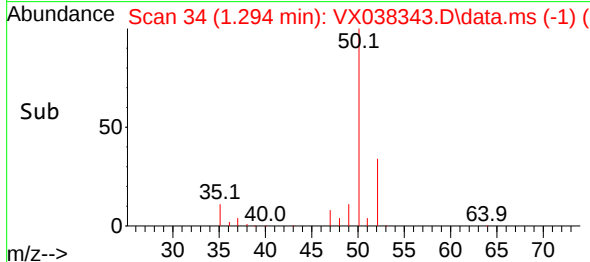
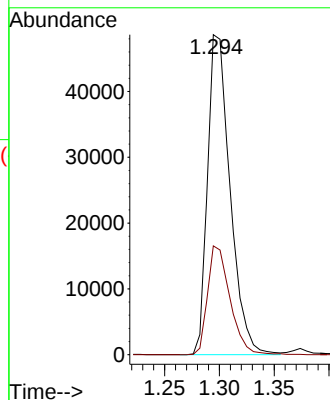
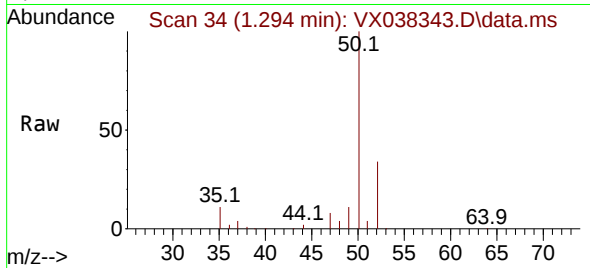
#3
Chloromethane
Concen: 52.356 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

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Tgt Ion: 50 Resp: 69538
Ion Ratio Lower Upper
50 100
52 34.0 25.5 38.3

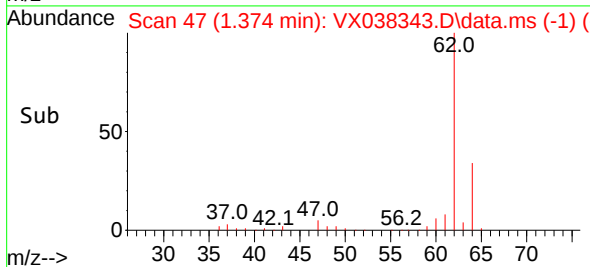
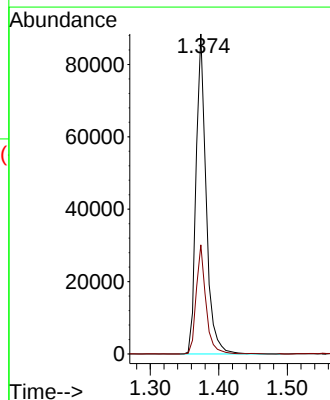
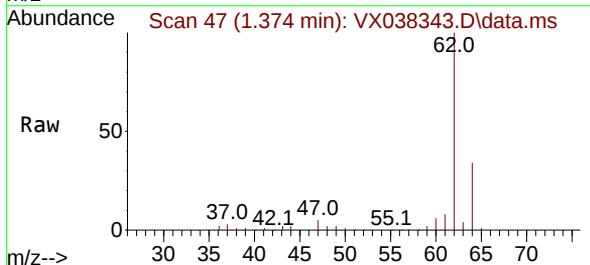
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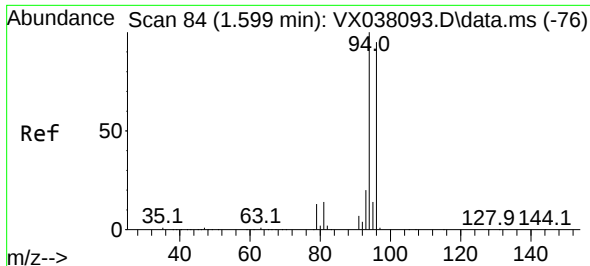
Reviewed By :John Carlone 10/18/2023
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#4
Vinyl Chloride
Concen: 61.676 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

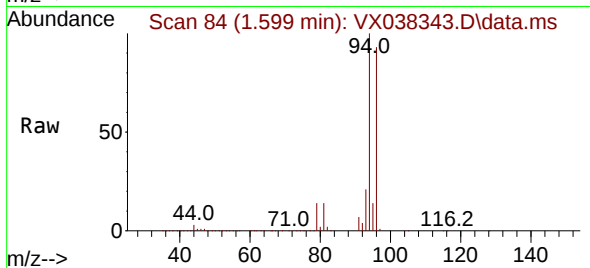
Tgt Ion: 62 Resp: 90823
Ion Ratio Lower Upper
62 100
64 34.1 25.4 38.0





#5
Bromomethane
Concen: 64.939 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

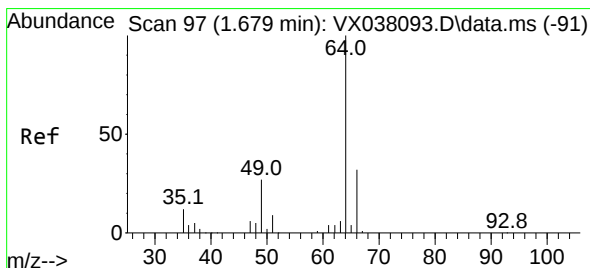
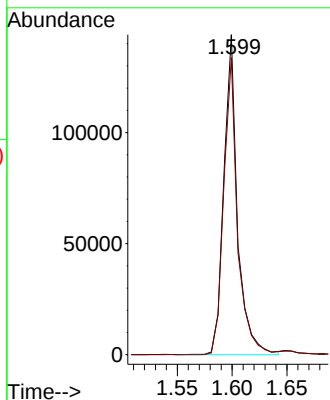
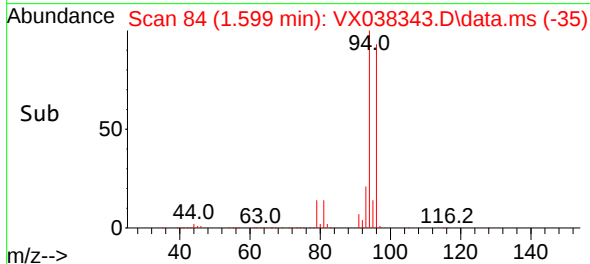
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Tgt Ion: 94 Resp: 12510
Ion Ratio Lower Upper
94 100
96 92.8 74.6 111.8

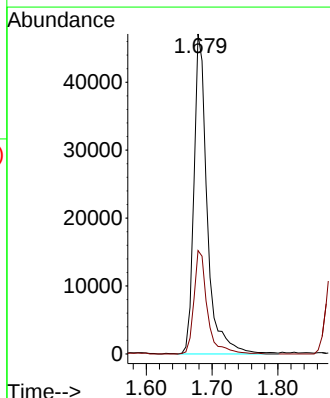
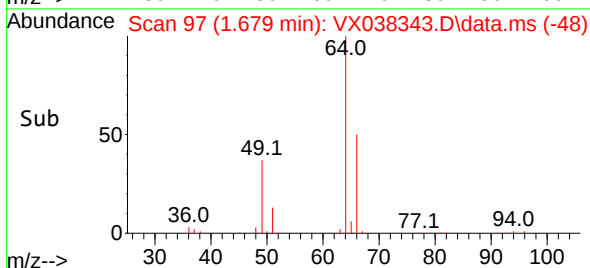
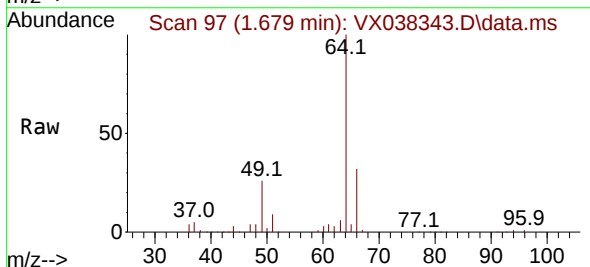
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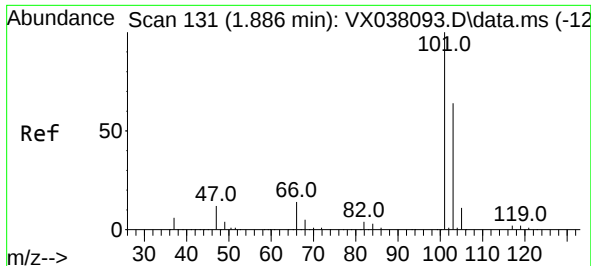
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#6
Chloroethane
Concen: 60.258 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038343.D
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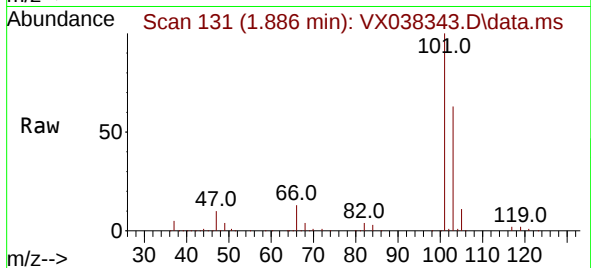
Tgt Ion: 64 Resp: 66196
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 60.365 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038343.D
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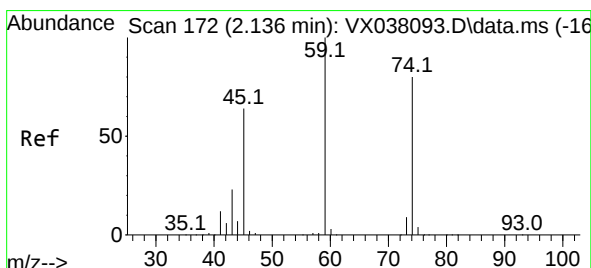
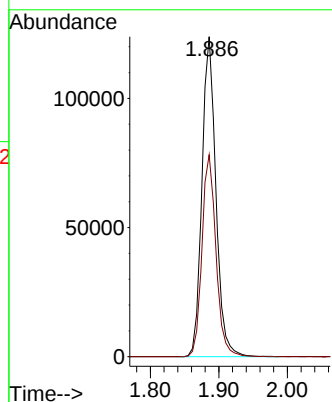
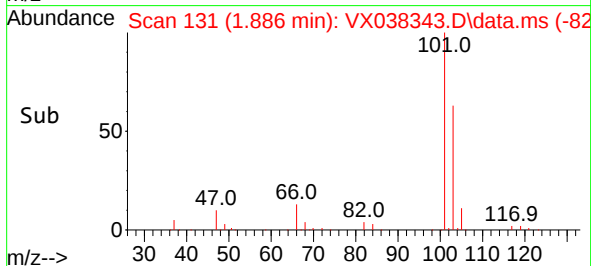
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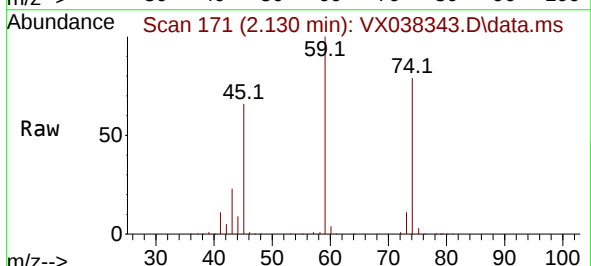
Tgt Ion:101 Resp: 17558
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.2

Manual Integrations
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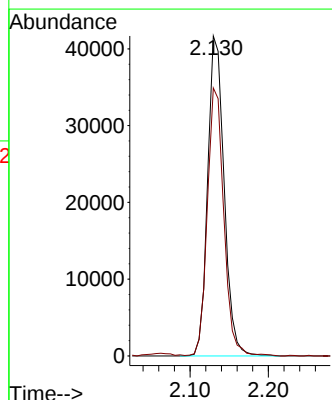
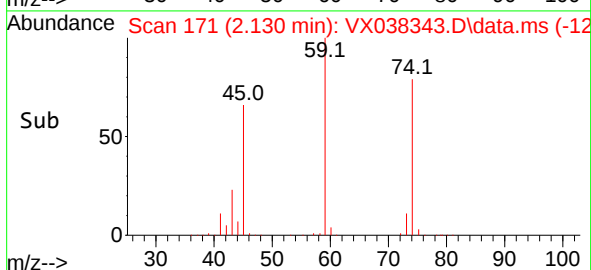
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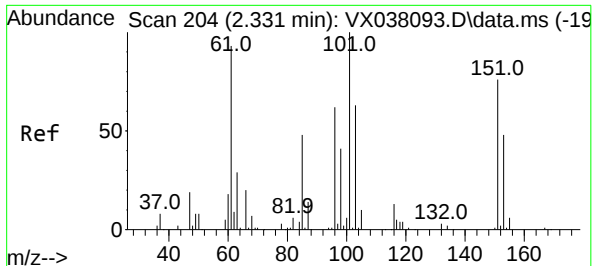


#8
Diethyl Ether
Concen: 55.924 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 60666
Ion Ratio Lower Upper
74 100
45 84.1 53.3 159.8





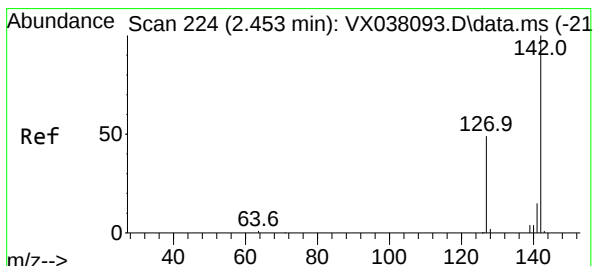
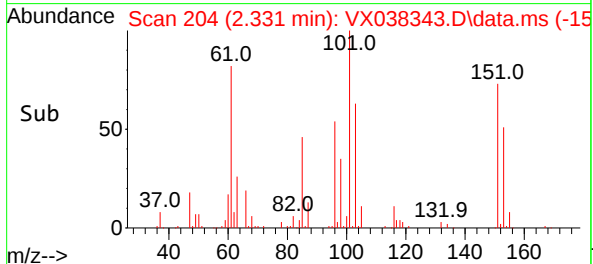
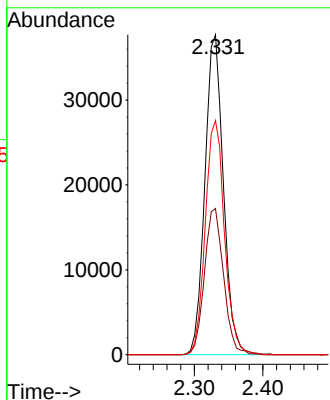
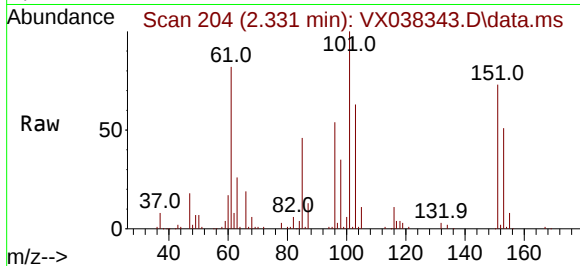
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.731 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS

Tgt Ion:101 Resp: 7076
Ion Ratio Lower Upper
101 100
85 47.3 37.0 55.6
151 76.1 58.6 87.8

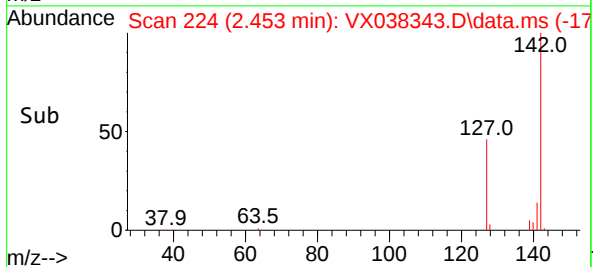
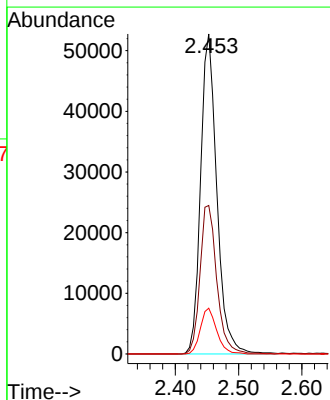
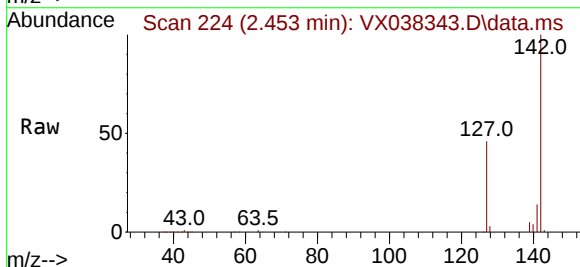
Manual Integrations
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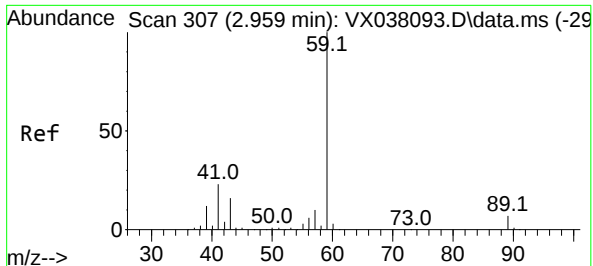
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 51.647 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

Tgt Ion:142 Resp: 94360
Ion Ratio Lower Upper
142 100
127 48.0 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 241.048 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS

Tgt Ion: 59 Resp: 11573

Ion Ratio Lower Upper

59 100

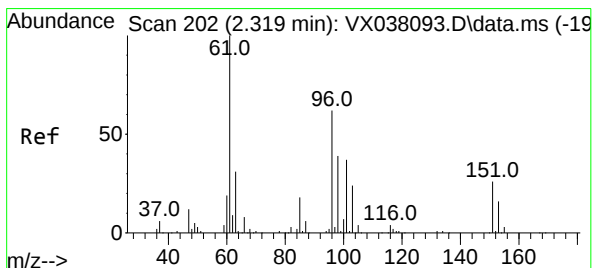
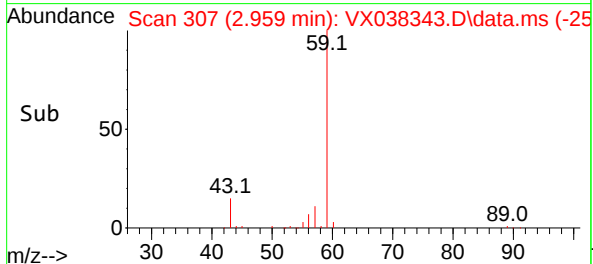
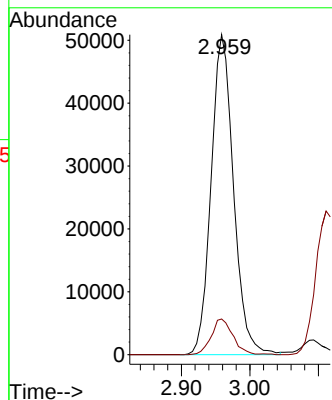
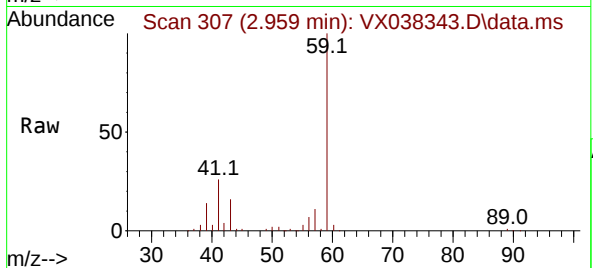
57 10.7 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#12

1,1-Dichloroethene

Concen: 55.652 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

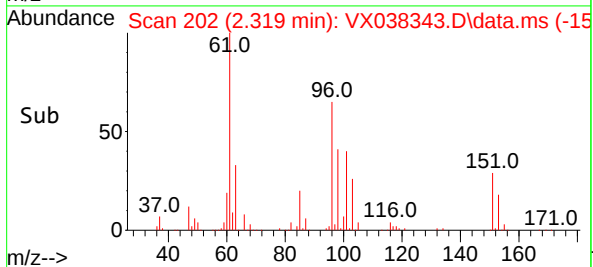
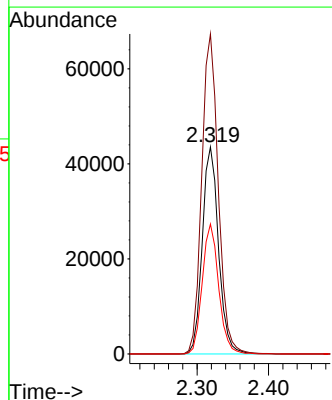
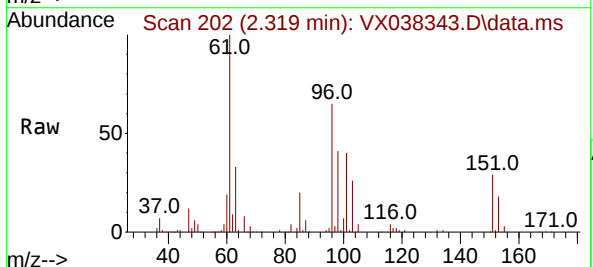
Tgt Ion: 96 Resp: 68740

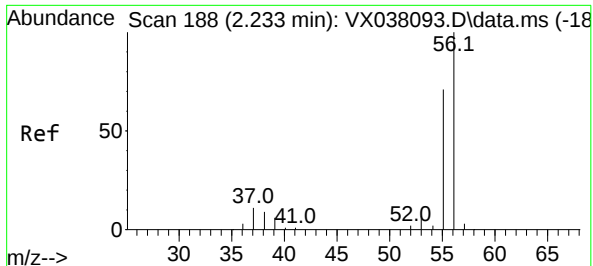
Ion Ratio Lower Upper

96 100

61 154.6 144.6 216.8

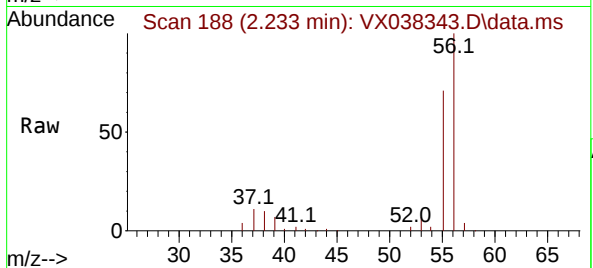
98 62.7 50.4 75.6





#13
Acrolein
Concen: 197.705 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

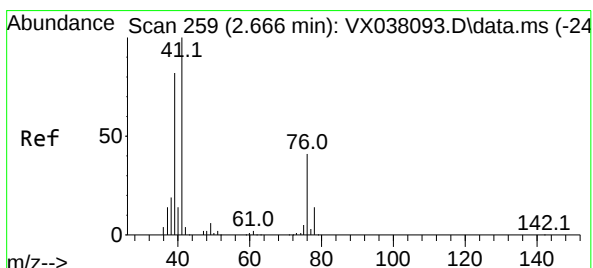
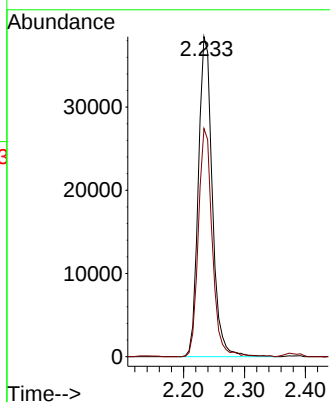
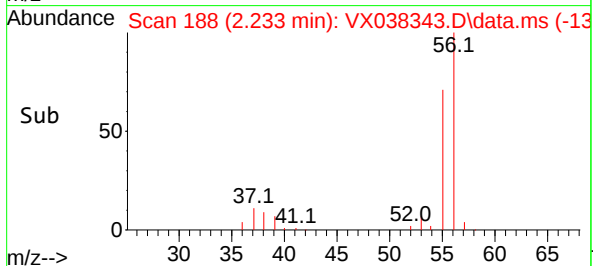
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



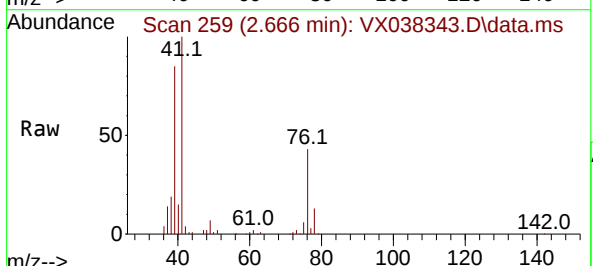
Tgt Ion: 56 Resp: 61030
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7

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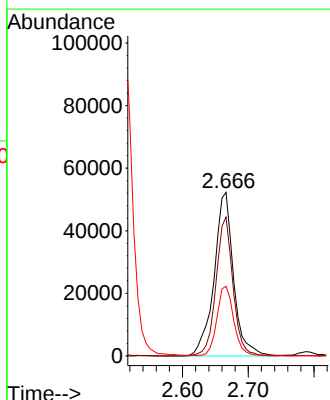
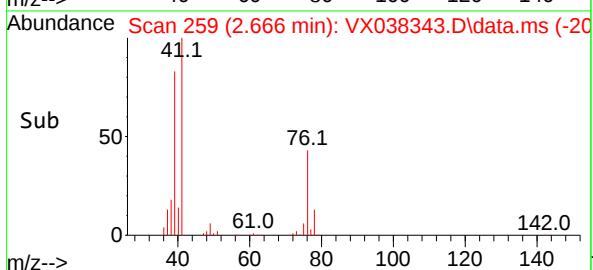
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

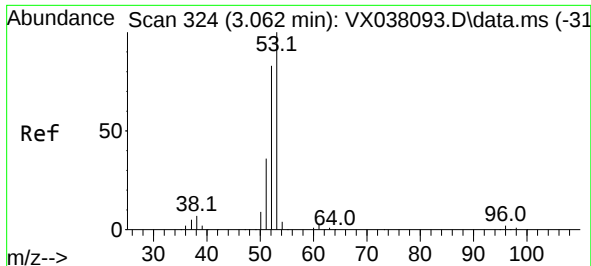


#14
Allyl chloride
Concen: 48.913 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32



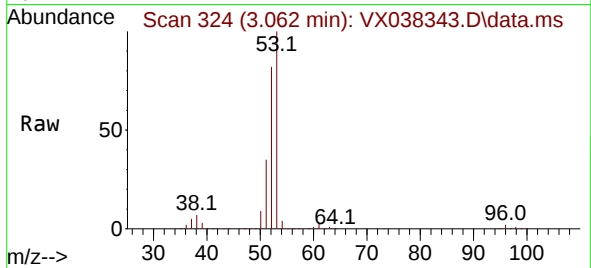
Tgt Ion: 41 Resp: 108064
Ion Ratio Lower Upper
41 100
39 74.1 55.8 83.6
76 36.9 24.3 36.5





#15
Acrylonitrile
Concen: 260.350 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

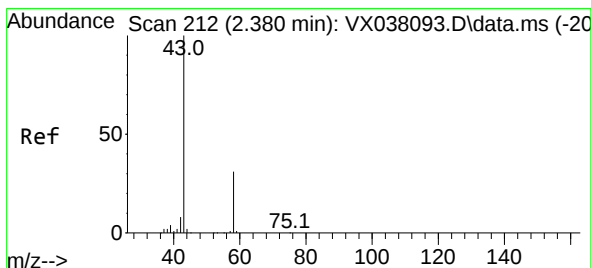
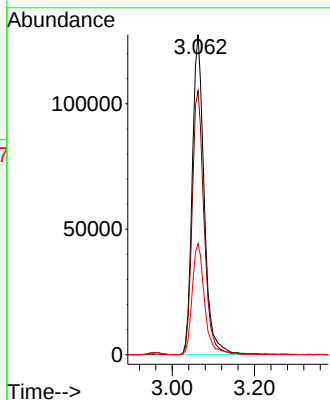
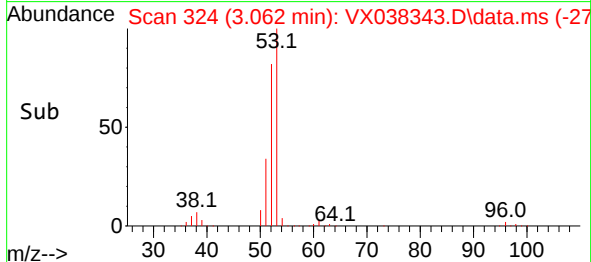
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



Tgt Ion: 53 Resp: 257272
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 36.2 29.8 44.6

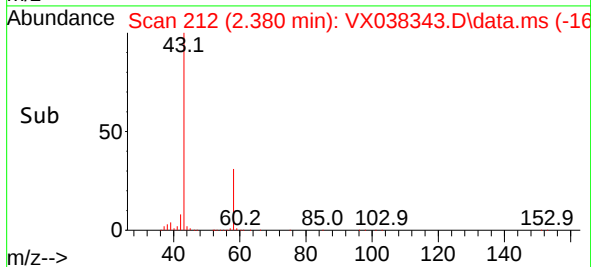
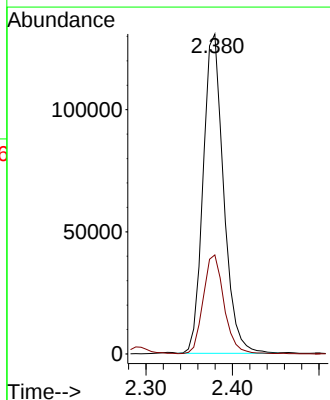
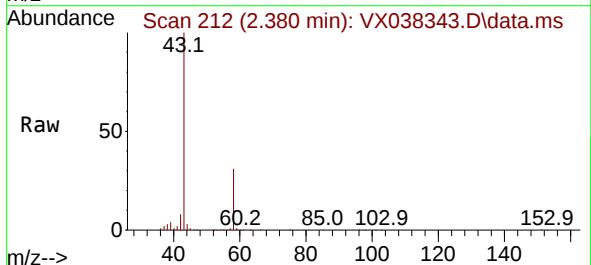
Manual Integrations
APPROVED

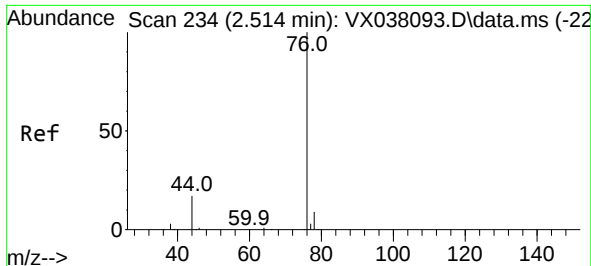
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 236.857 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

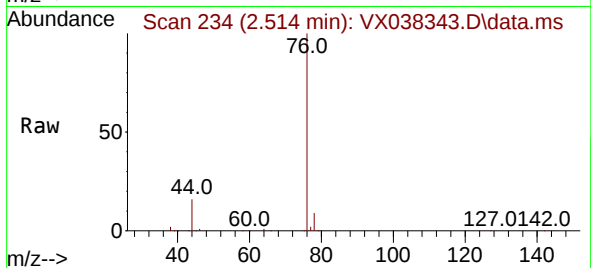
Tgt Ion: 43 Resp: 214651
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9





#17
Carbon Disulfide
Concen: 48.137 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

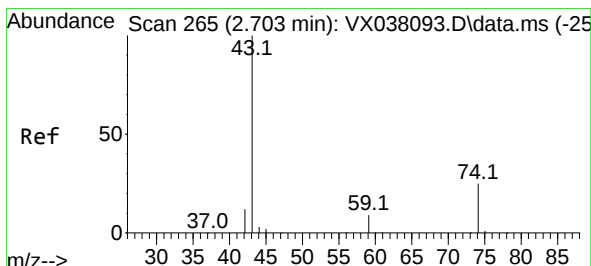
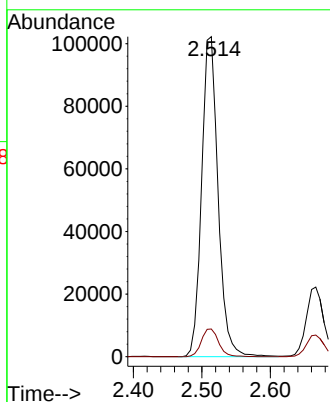
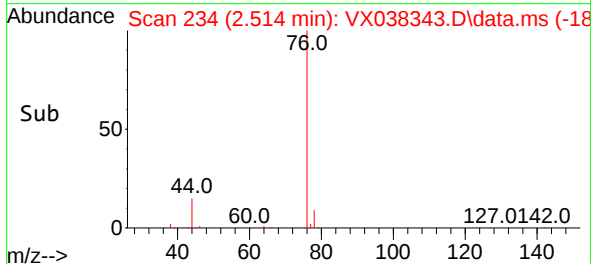
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



Tgt Ion: 76 Resp: 171360
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

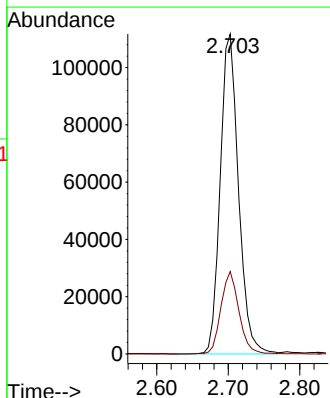
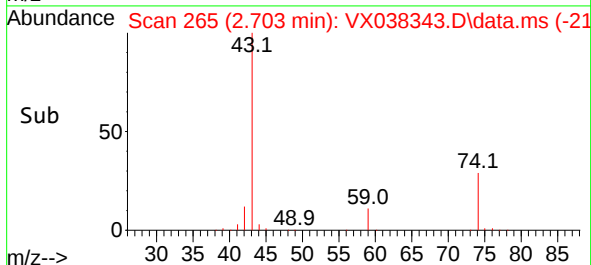
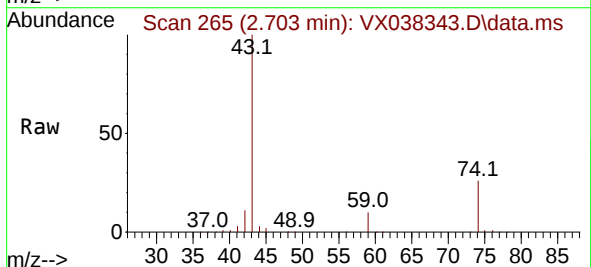
Manual Integrations
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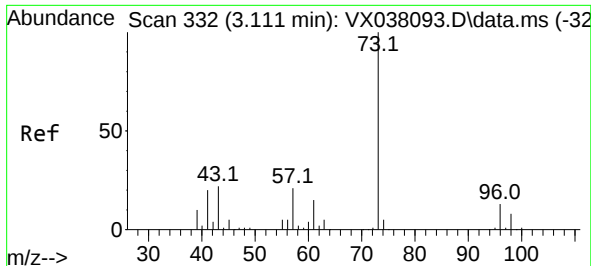
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 51.025 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

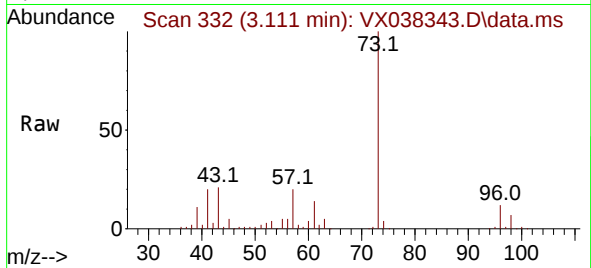
Tgt Ion: 43 Resp: 198298
Ion Ratio Lower Upper
43 100
74 25.4 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 52.048 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

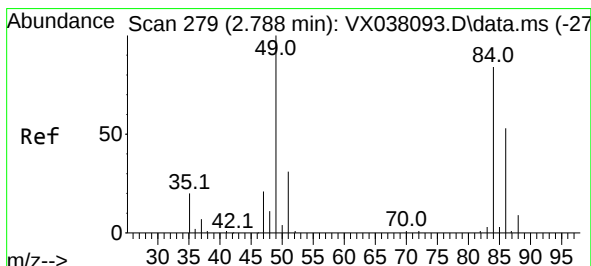
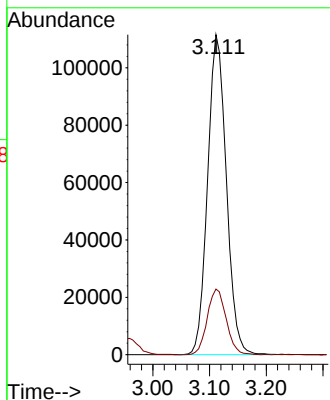
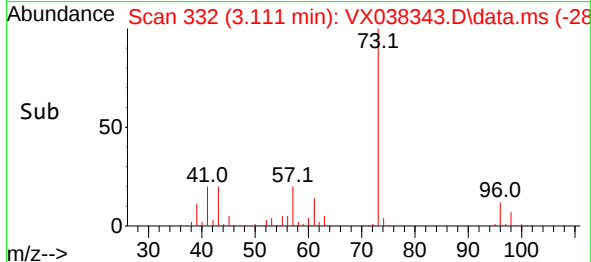
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



Tgt Ion: 73 Resp: 256038
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9

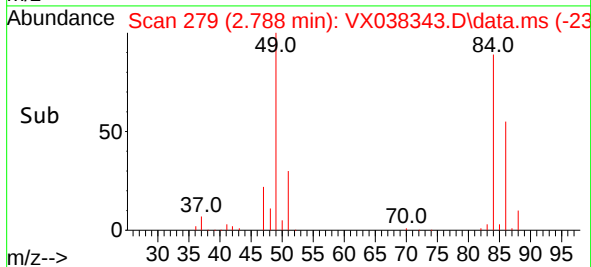
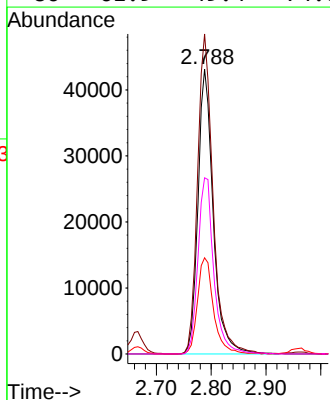
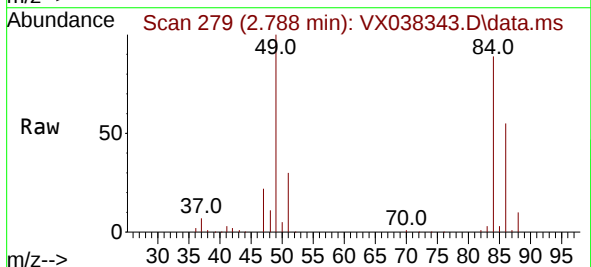
Manual Integrations
APPROVED

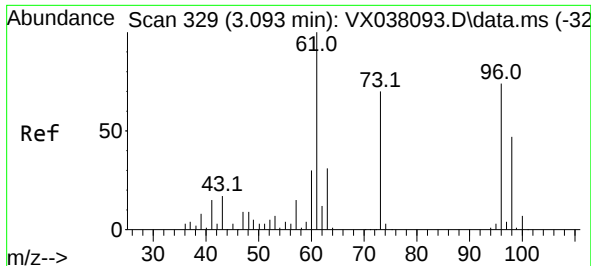
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 48.974 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

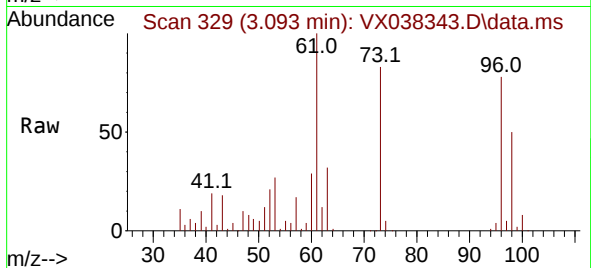
Tgt Ion: 84 Resp: 83483
Ion Ratio Lower Upper
84 100
49 112.4 103.6 155.4
51 33.8 33.8 50.6#
86 61.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 53.034 ug/l
RT: 3.093 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

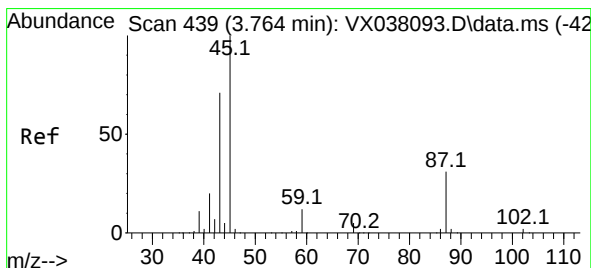
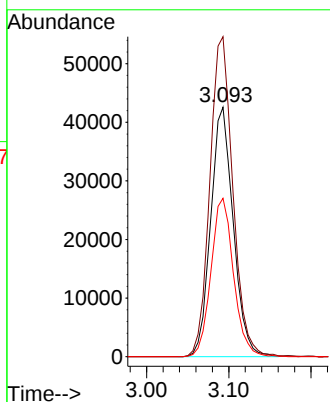
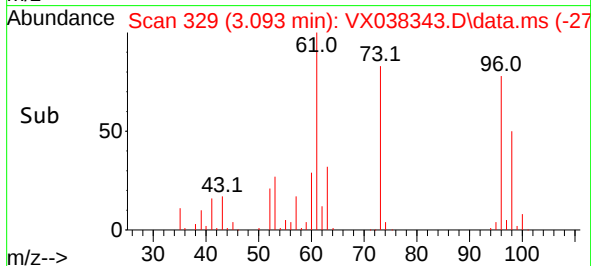
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



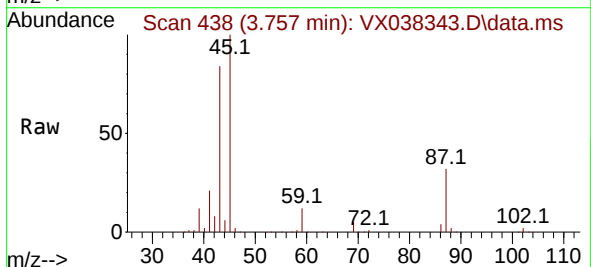
Tgt Ion: 96 Resp: 81107
Ion Ratio Lower Upper
96 100
61 128.3 119.2 178.8
98 63.5 48.7 73.1

Manual Integrations
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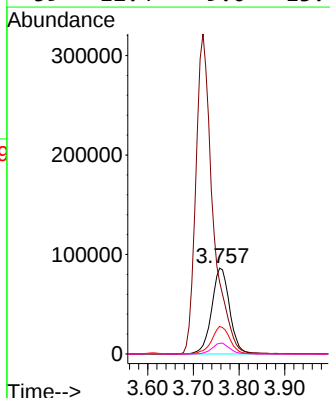
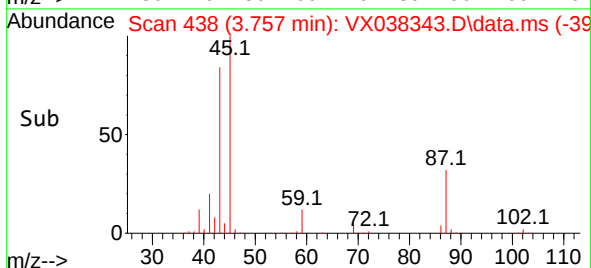
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

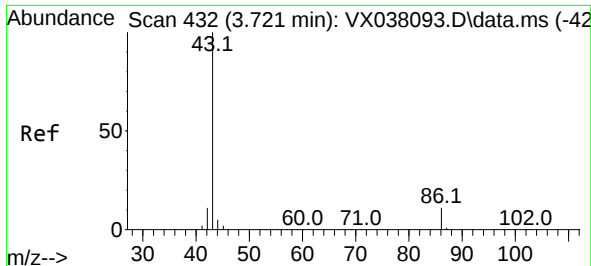


#22
Diisopropyl ether
Concen: 50.984 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32



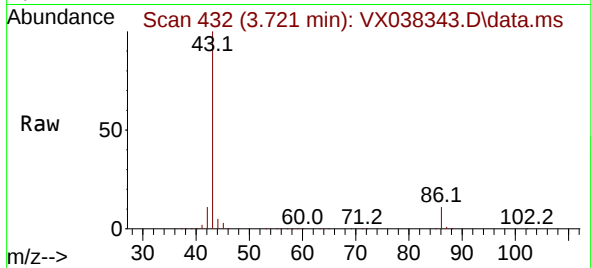
Tgt Ion: 45 Resp: 236072
Ion Ratio Lower Upper
45 100
43 83.6 69.7 104.5
87 32.1 20.8 31.2#
59 12.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 245.596 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038343.D
 Acq: 17 Oct 2023 20:32

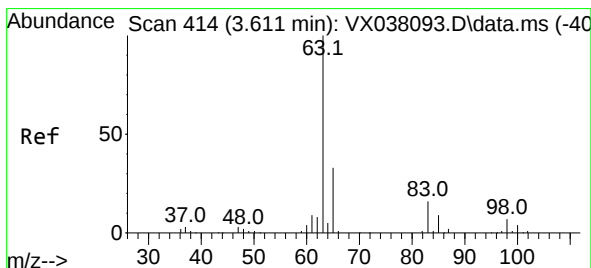
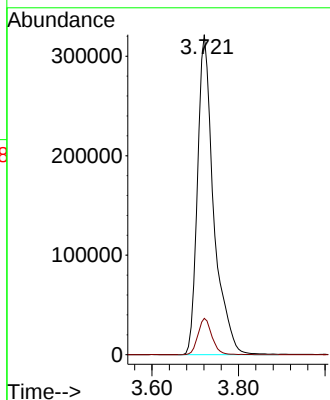
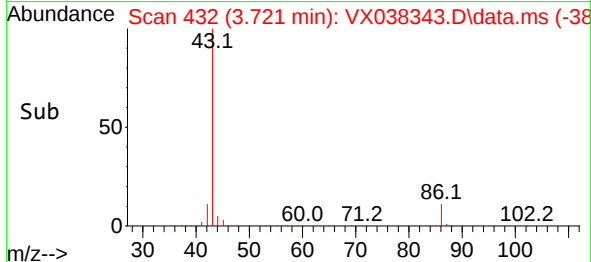
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-18-37-40MS



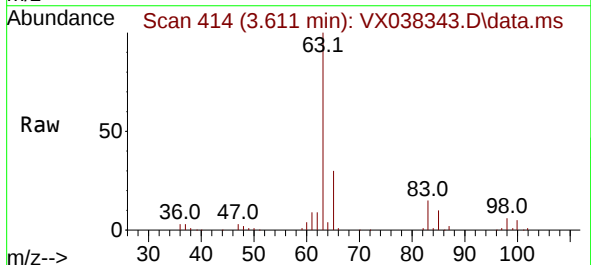
Tgt Ion: 43 Resp: 833950
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8

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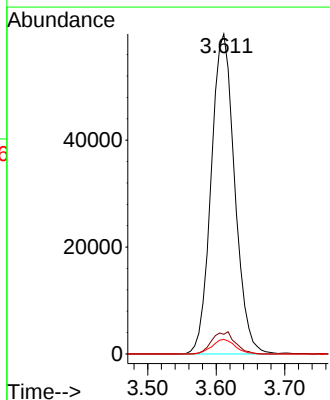
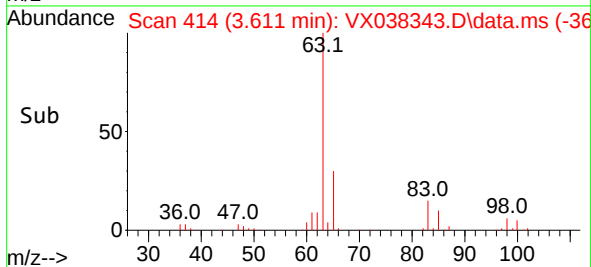
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

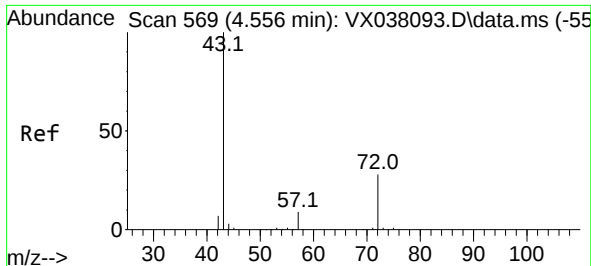


#24
 1,1-Dichloroethane
 Concen: 50.748 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038343.D
 Acq: 17 Oct 2023 20:32



Tgt Ion: 63 Resp: 142604
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 252.208 ug/l

RT: 4.550 min Scan# 569

Delta R.T. -0.006 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS

Tgt Ion: 43 Resp: 368780

Ion Ratio Lower Upper

43 100

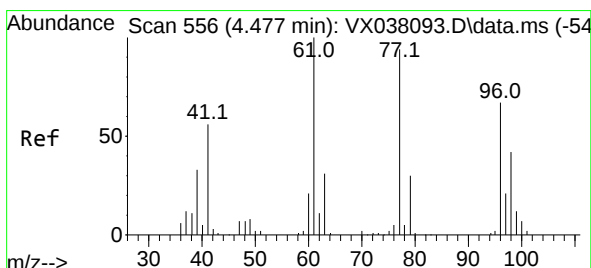
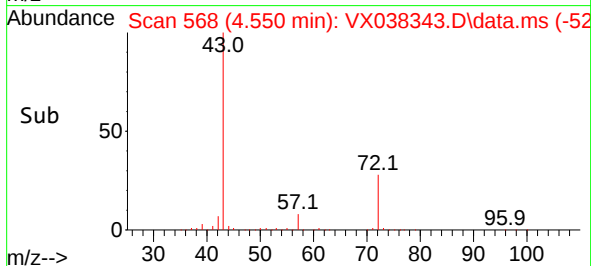
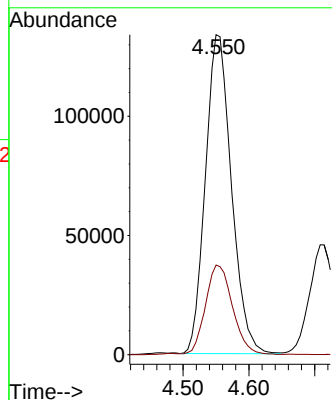
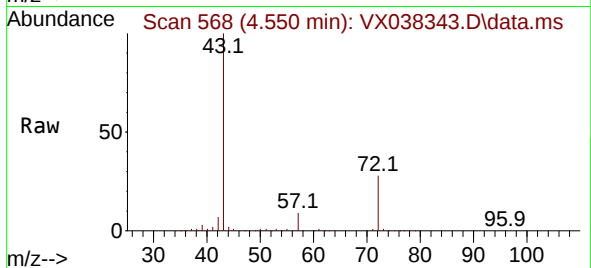
72 28.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#26

2,2-Dichloropropane

Concen: 41.666 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX038343.D

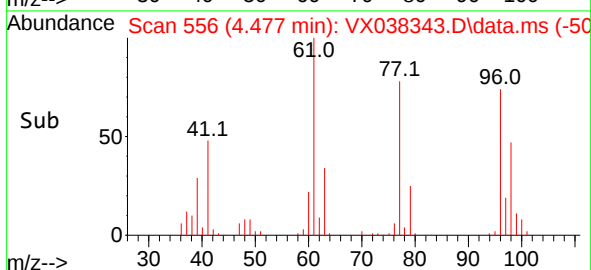
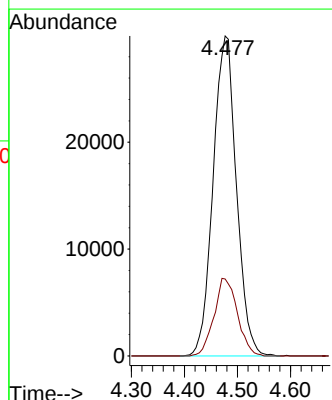
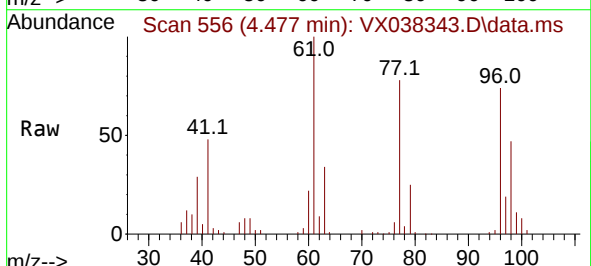
Acq: 17 Oct 2023 20:32

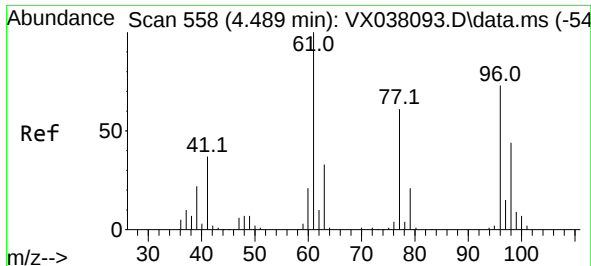
Tgt Ion: 77 Resp: 91413

Ion Ratio Lower Upper

77 100

97 24.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 52.275 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS

Tgt Ion: 96 Resp: 9521

Ion Ratio Lower Upper

96 100

61 134.7 0.0 312.2

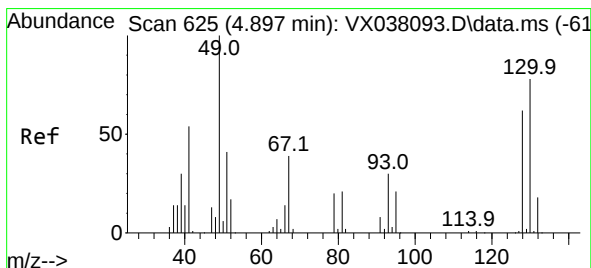
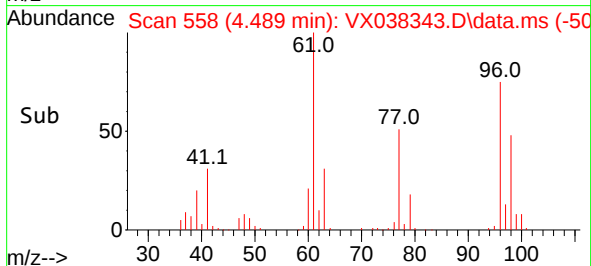
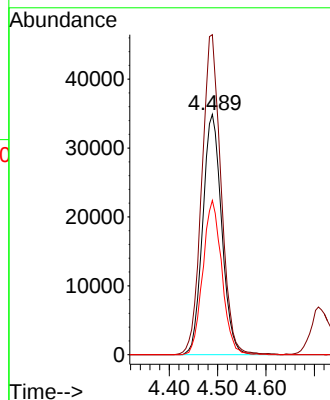
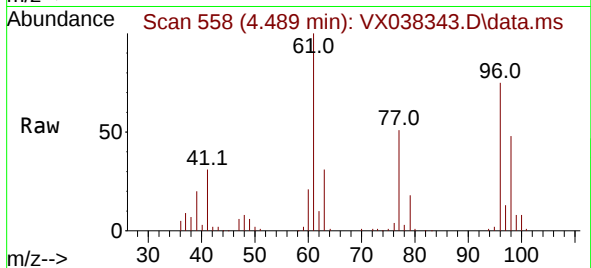
98 64.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#28

Bromochloromethane

Concen: 48.118 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

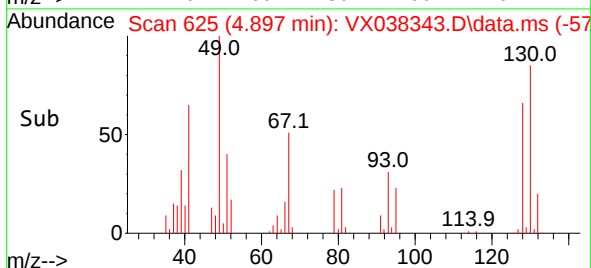
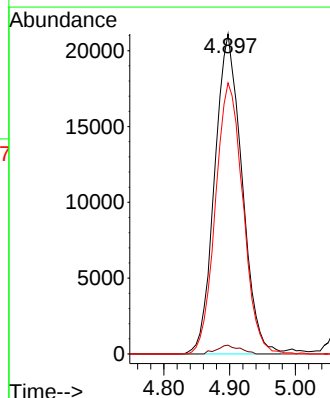
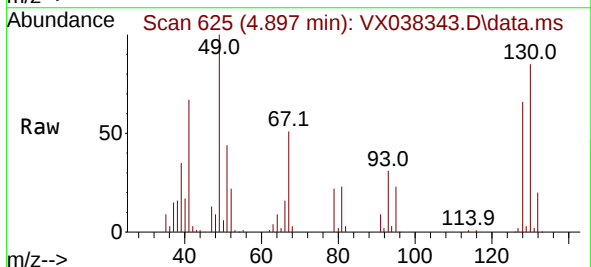
Tgt Ion: 49 Resp: 61039

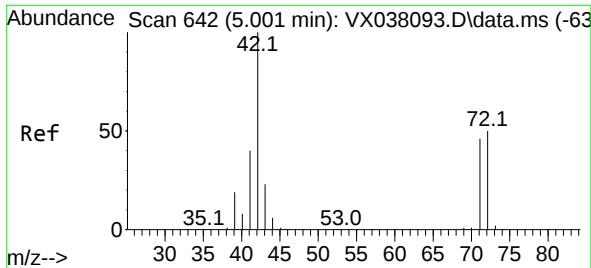
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 85.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 253.499 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS

Tgt Ion: 42 Resp: 241328

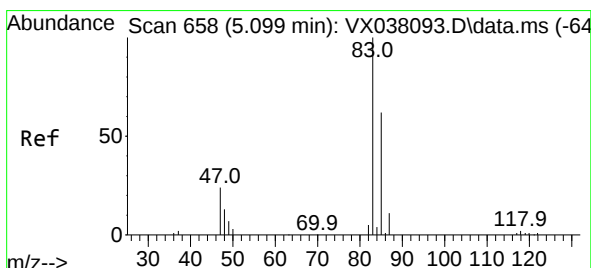
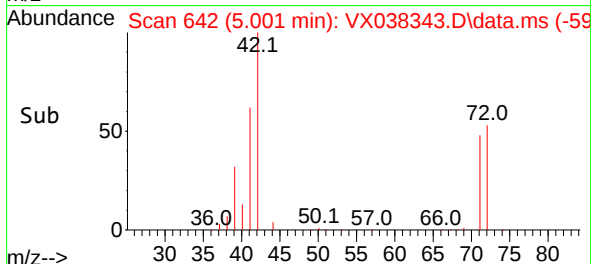
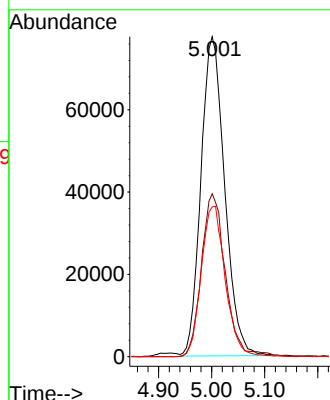
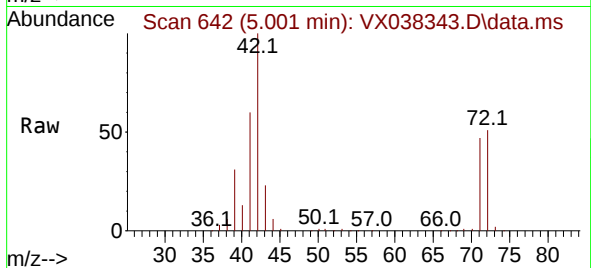
Ion	Ratio	Lower	Upper
42	100		
72	51.7	34.2	51.4
71	47.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 95.446 ug/l

RT: 5.093 min Scan# 657

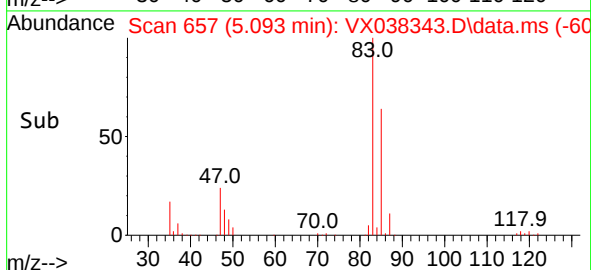
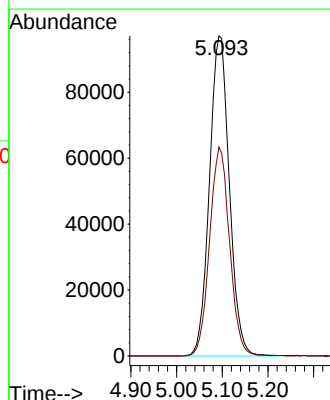
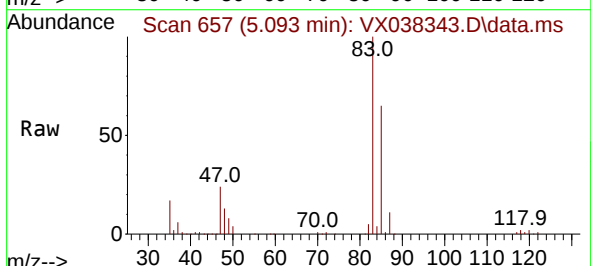
Delta R.T. -0.000 min

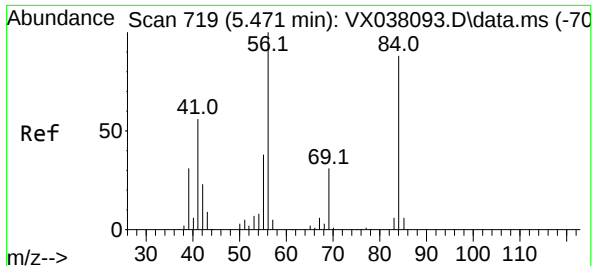
Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Tgt Ion: 83 Resp: 293294

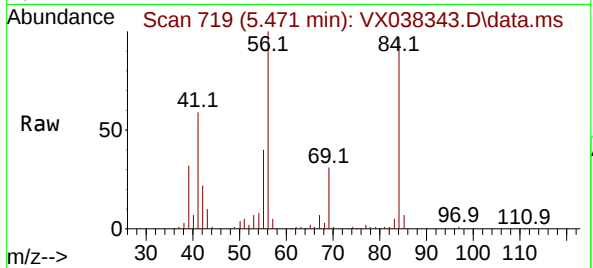
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.3	75.5





#31
Cyclohexane
Concen: 51.491 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

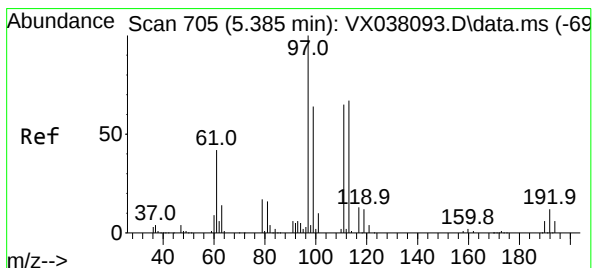
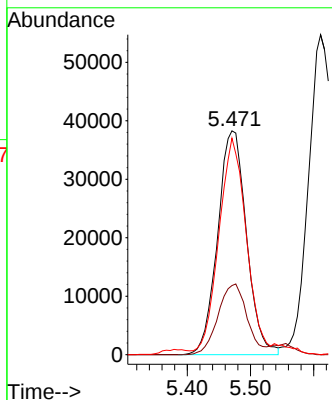
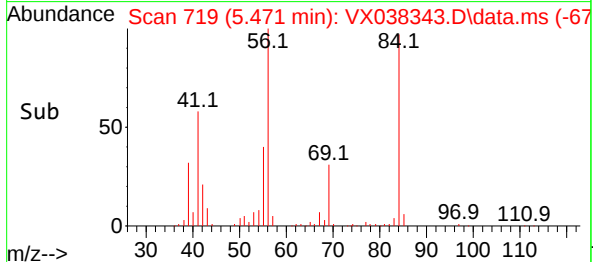
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



Tgt Ion: 56 Resp: 121138
Ion Ratio Lower Upper
56 100
69 30.9 23.4 35.2
84 94.6 65.9 98.9

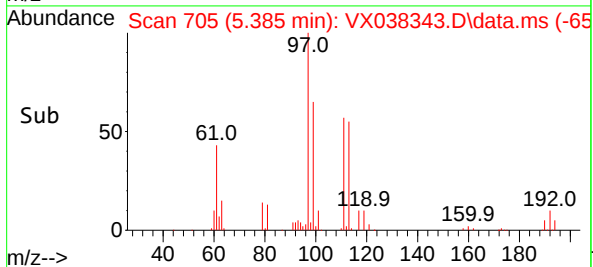
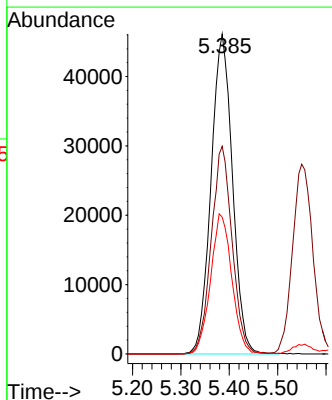
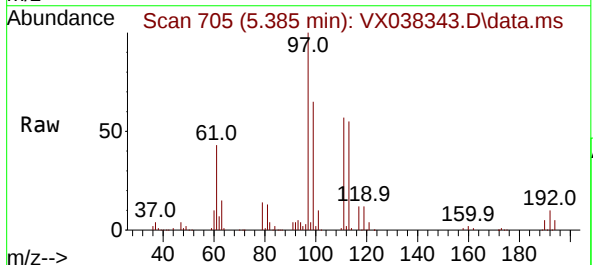
Manual Integrations
APPROVED

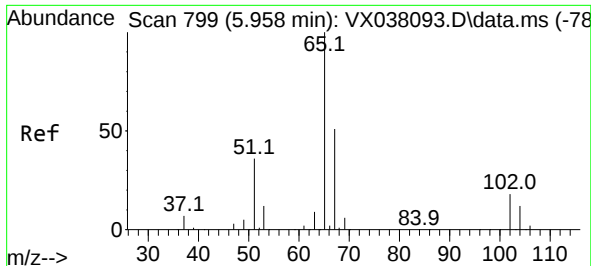
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 53.754 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

Tgt Ion: 97 Resp: 141480
Ion Ratio Lower Upper
97 100
99 63.5 51.1 76.7
61 43.7 36.4 54.6





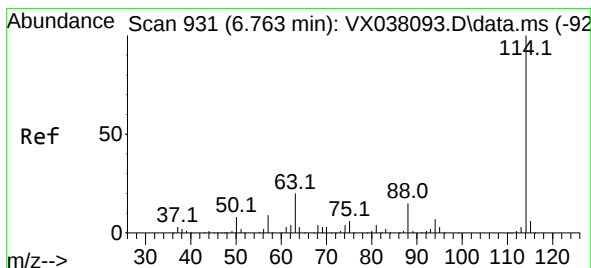
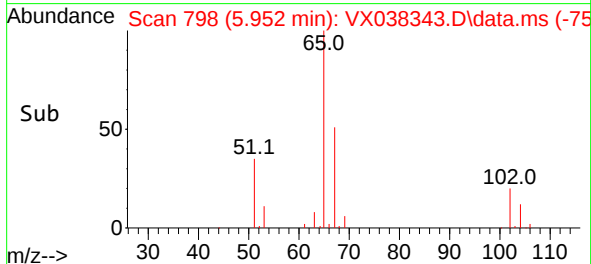
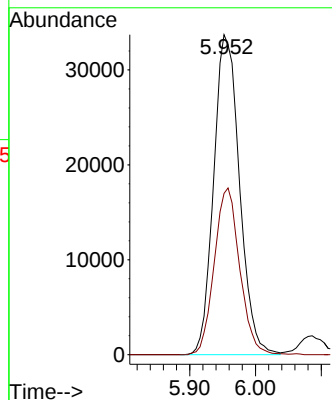
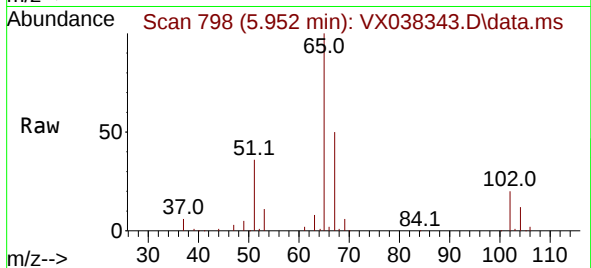
#33
1,2-Dichloroethane-d4
Concen: 42.481 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS

Tgt Ion: 65 Resp: 92244
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

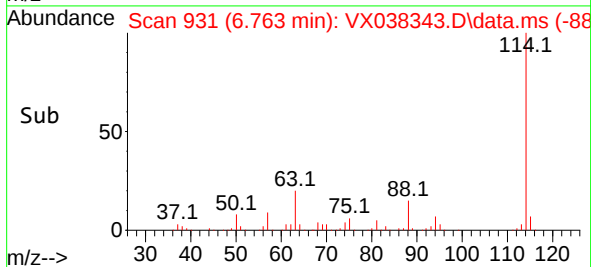
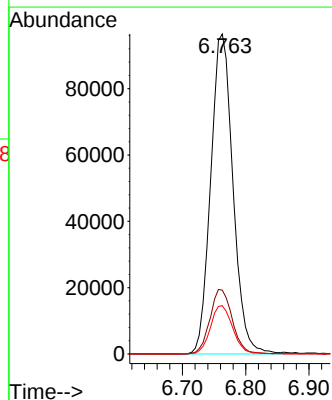
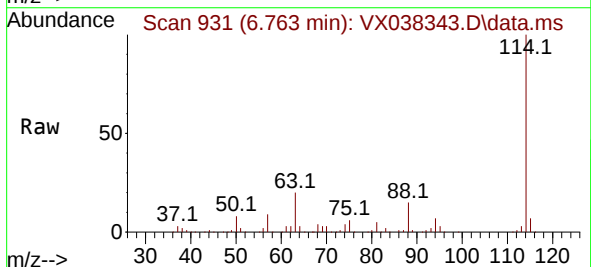
Manual Integrations
APPROVED

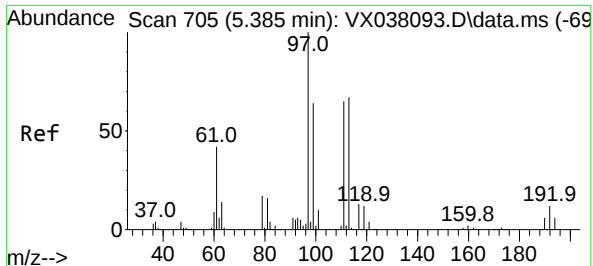
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

Tgt Ion:114 Resp: 235322
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.169 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038343.D

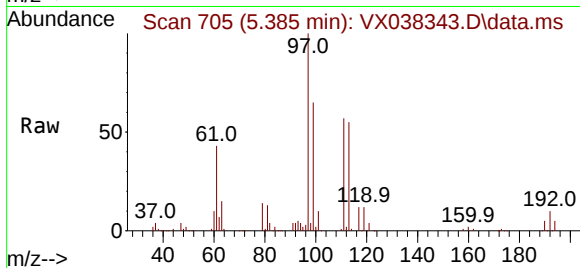
Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS



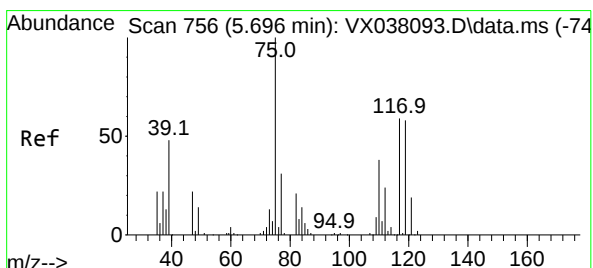
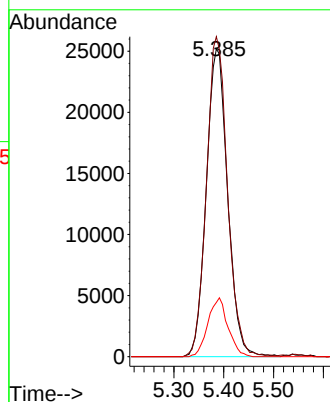
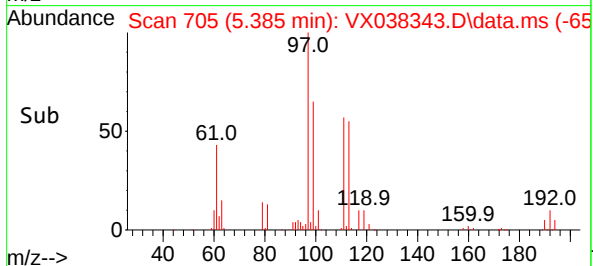
Tgt Ion:	113	Resp:	7489
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	17.9	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#36

1,1-Dichloropropene

Concen: 48.694 ug/l

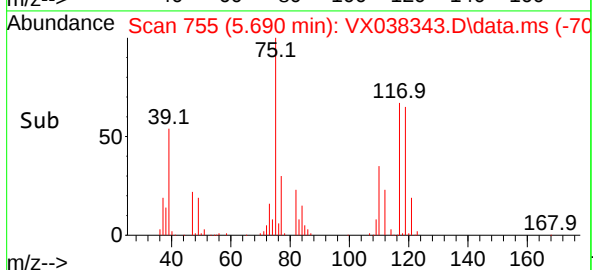
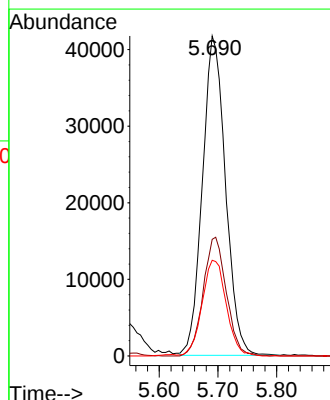
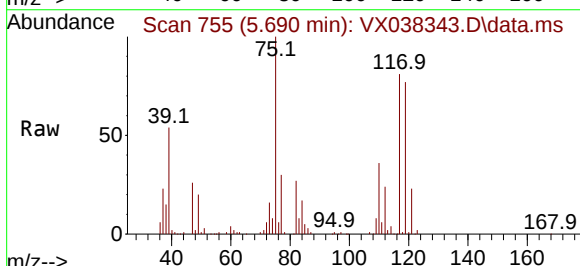
RT: 5.690 min Scan# 755

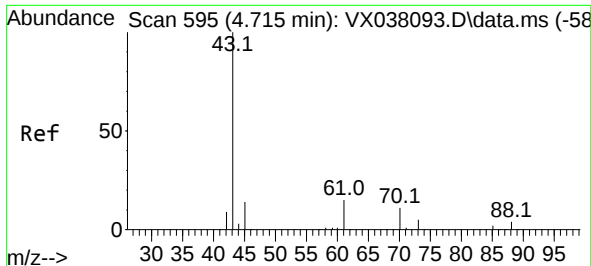
Delta R.T. 0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Tgt Ion:	75	Resp:	113860
Ion	Ratio	Lower	Upper
75	100		
110	37.3	17.0	50.9
77	31.3	24.7	37.1





#37

Ethyl Acetate

Concen: 47.676 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX038343.D

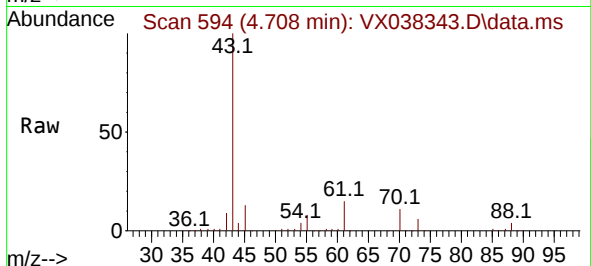
Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS



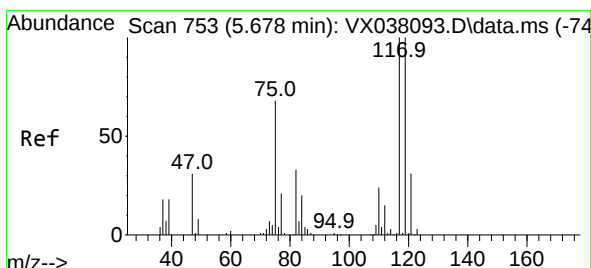
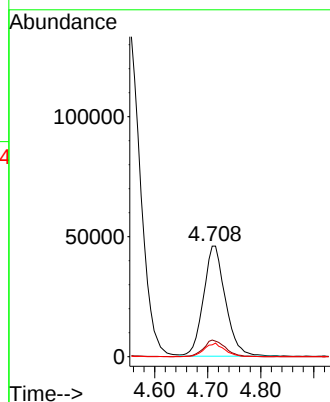
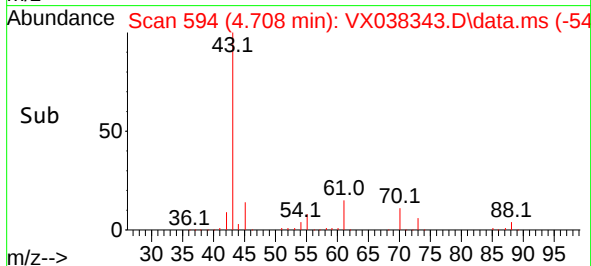
Tgt Ion: 43	Resp: 13239
Ion Ratio	Lower Upper
43	100
61	15.0 10.6 16.0
70	11.4 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#38

Carbon Tetrachloride

Concen: 52.213 ug/l

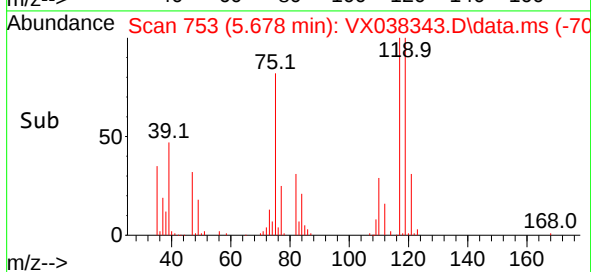
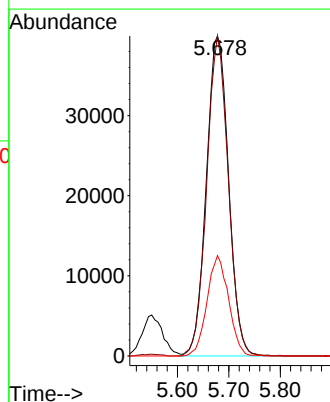
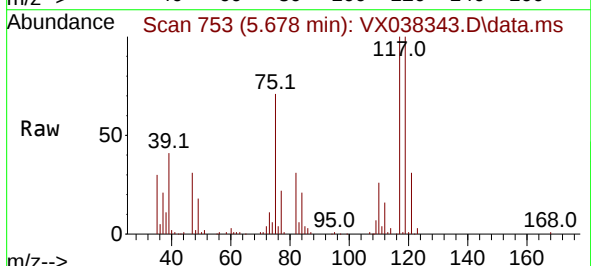
RT: 5.678 min Scan# 753

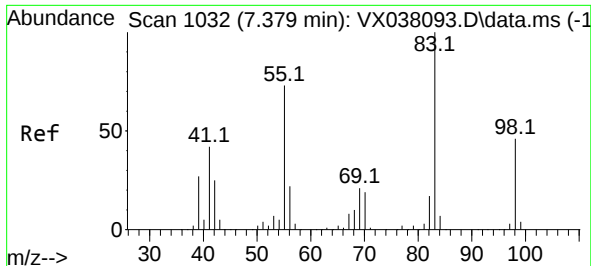
Delta R.T. -0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Tgt Ion:117	Resp: 120102
Ion Ratio	Lower Upper
117	100
119	100.0 78.2 117.2
121	31.4 24.4 36.6





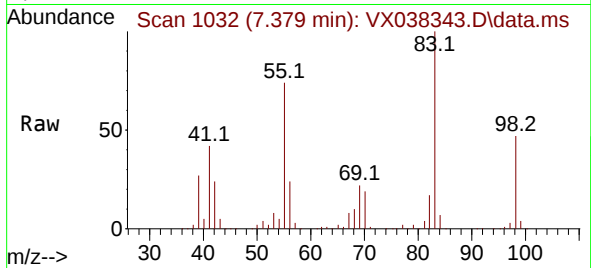
#39
Methylcyclohexane
Concen: 50.738 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS



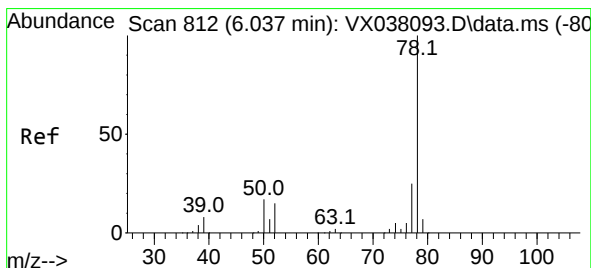
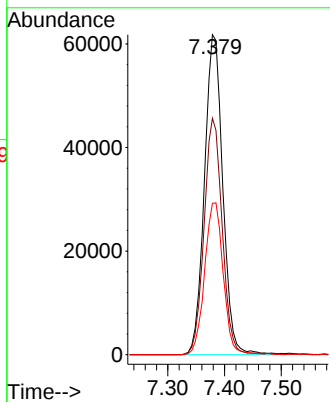
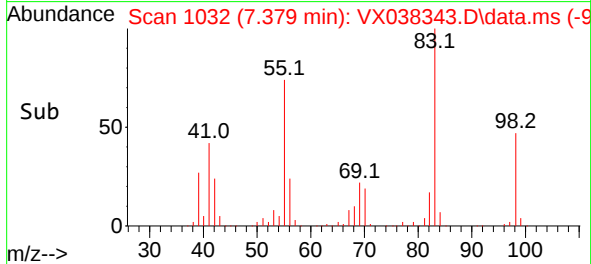
Tgt Ion: 83 Resp: 138964
Ion Ratio Lower Upper
83 100
55 73.9 64.6 97.0
98 47.3 36.7 55.1

Manual Integrations

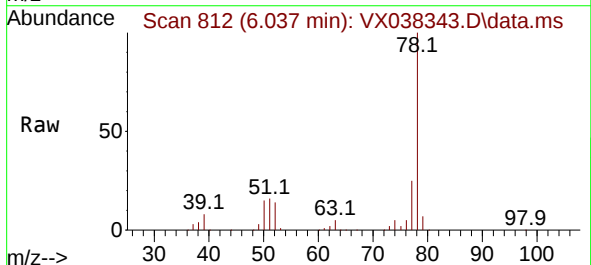
APPROVED

Reviewed By :John Carlone 10/18/2023

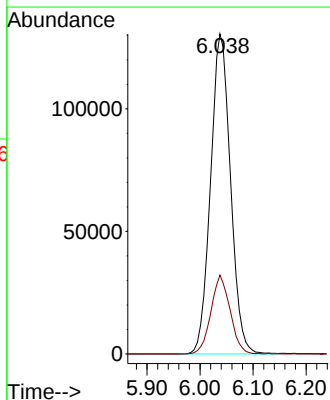
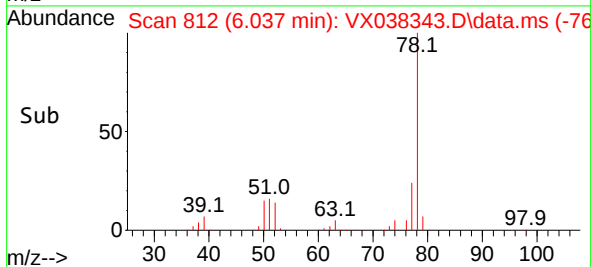
Supervised By :Semsettin Yesilyurt 10/20/2023

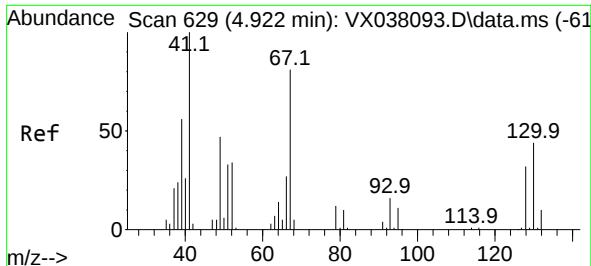


#40
Benzene
Concen: 52.145 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32



Tgt Ion: 78 Resp: 341026
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





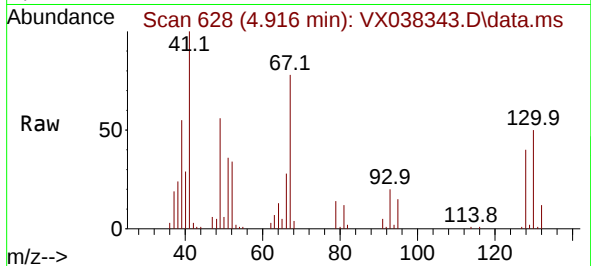
#41
Methacrylonitrile
Concen: 51.904 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS



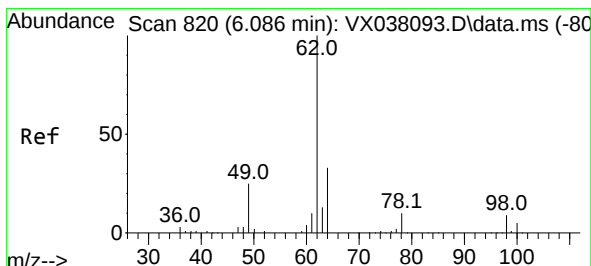
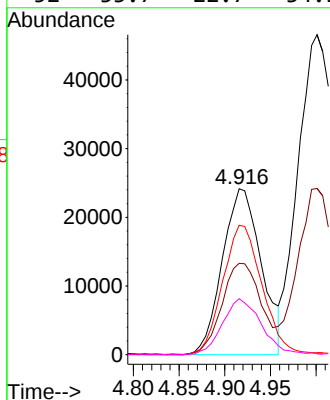
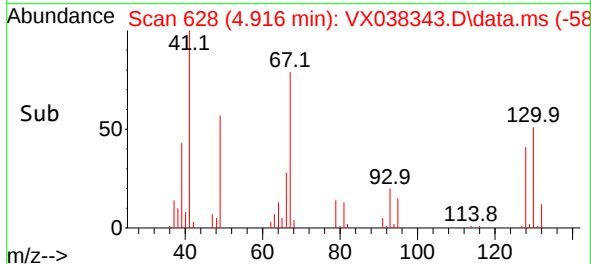
Tgt Ion:	41	Resp:	7170
Ion Ratio	100	Lower	Upper
39	54.6	45.2	67.8
67	79.2	52.6	78.8
52	33.7	22.7	34.1

Manual Integrations

APPROVED

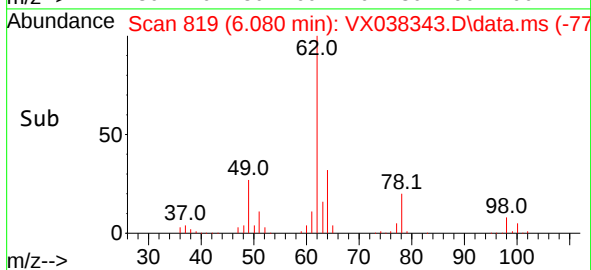
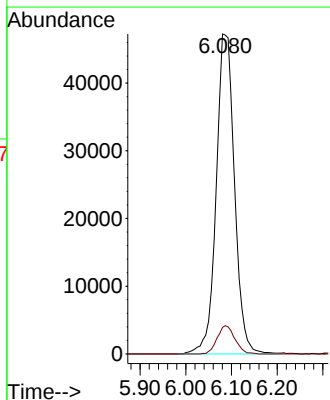
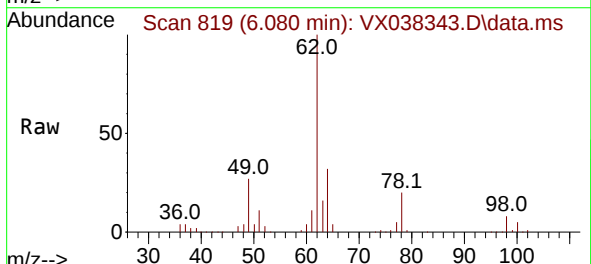
Reviewed By :John Carlone 10/18/2023

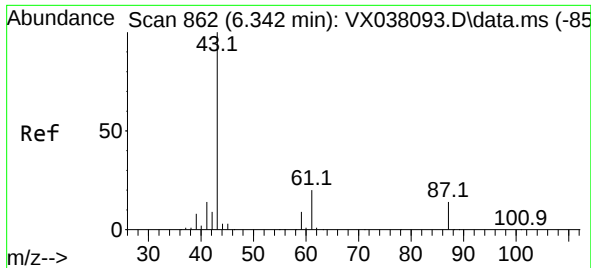
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 50.384 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

Tgt Ion:	62	Resp:	131652
Ion Ratio	100	Lower	Upper
98	8.6	0.0	16.0





#43

Isopropyl Acetate

Concen: 49.086 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX038343.D

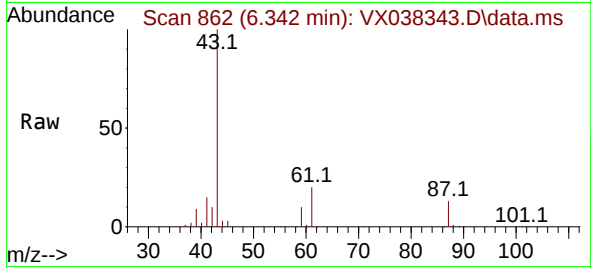
Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS



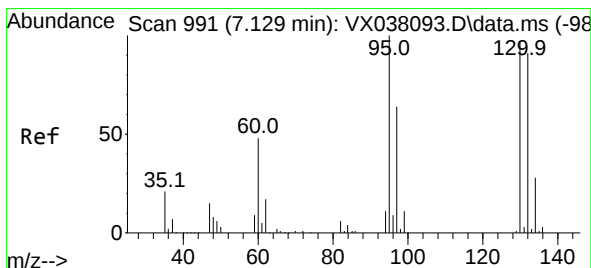
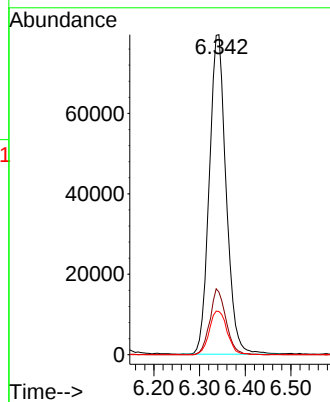
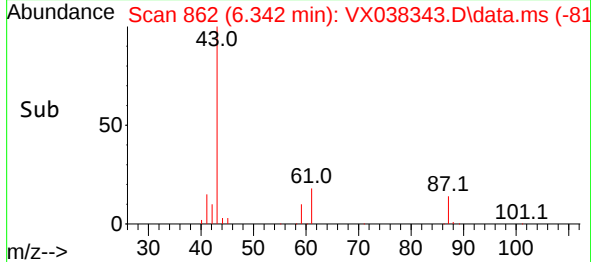
Tgt Ion: 43	Resp: 20349
Ion Ratio	Lower Upper
43	100
61	19.7 15.2 22.8
87	14.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#44

Trichloroethene

Concen: 54.026 ug/l

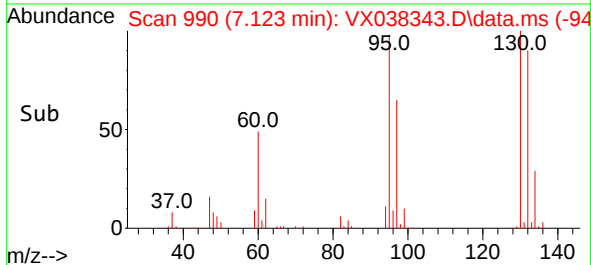
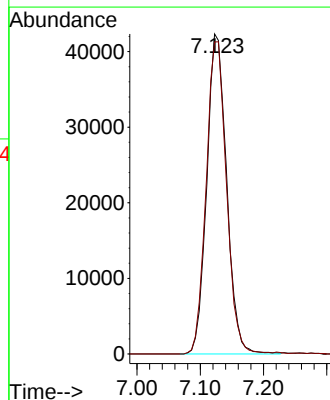
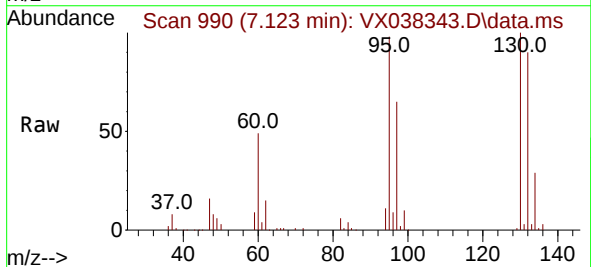
RT: 7.123 min Scan# 990

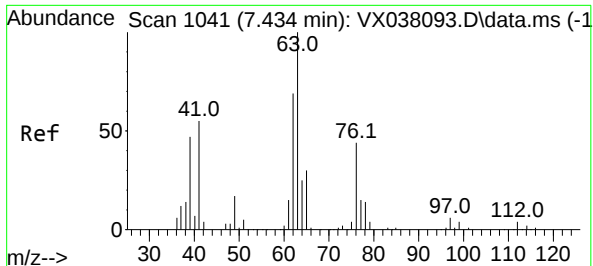
Delta R.T. -0.006 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Tgt Ion:130	Resp: 92414
Ion Ratio	Lower Upper
130	100
95	97.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.562 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS

Tgt Ion: 63 Resp: 8558

Ion Ratio Lower Upper

63 100

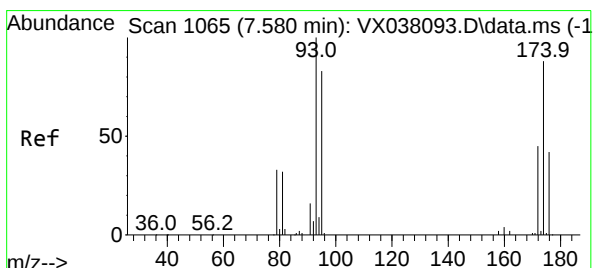
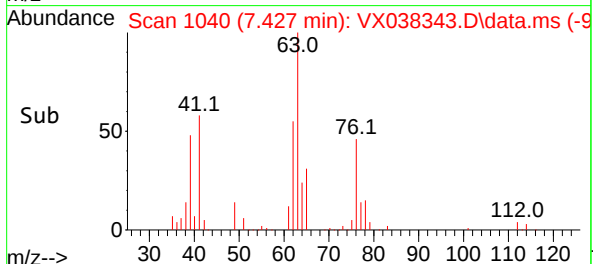
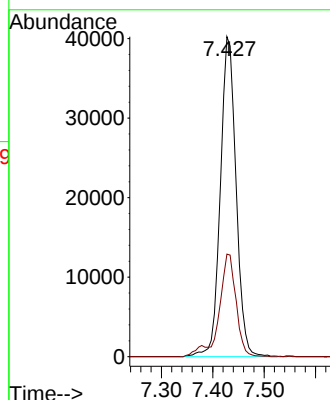
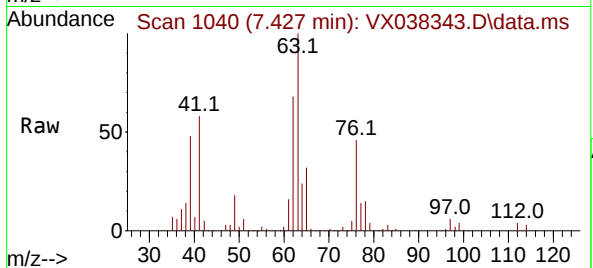
65 32.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 52.491 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

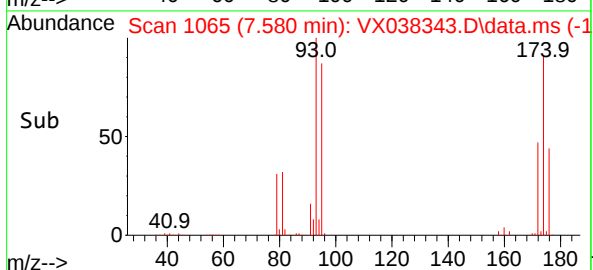
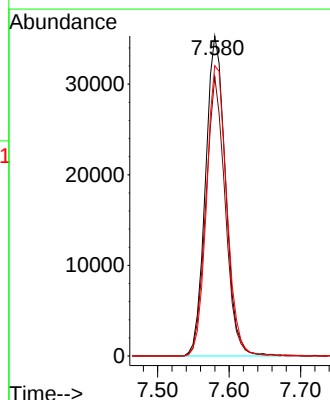
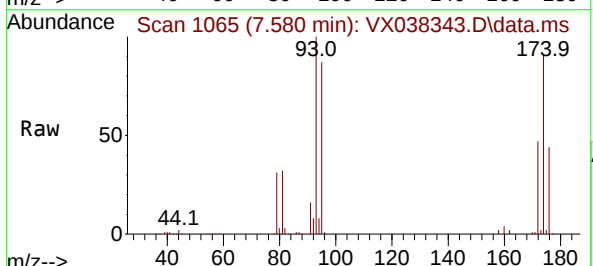
Tgt Ion: 93 Resp: 68912

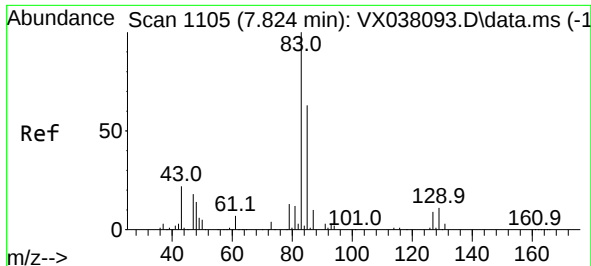
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

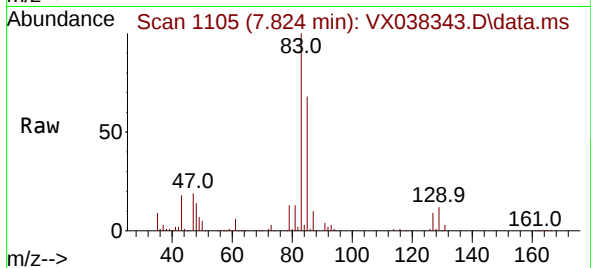
174 91.3 69.4 104.0





#47
Bromodichloromethane
Concen: 54.378 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

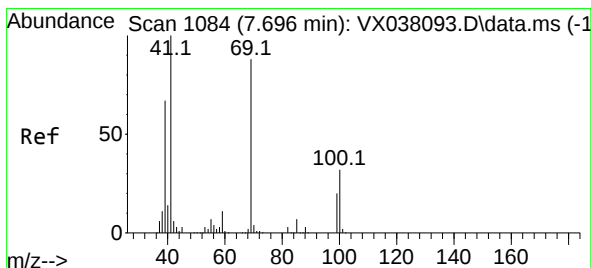
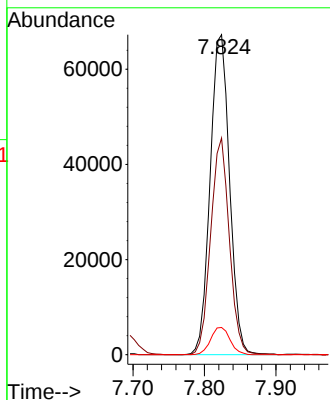
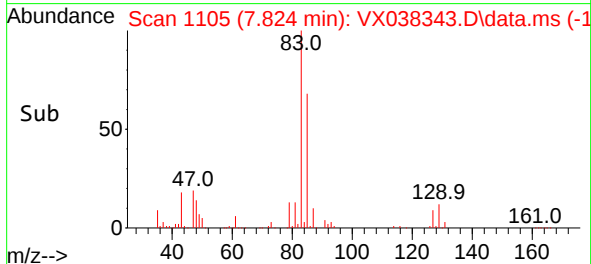
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



Tgt Ion: 83 Resp: 126990
Ion Ratio Lower Upper
83 100
85 67.7 49.8 74.6
127 8.5 7.1 10.7

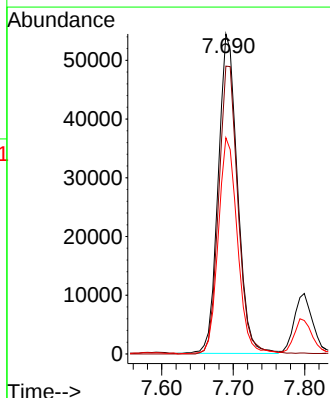
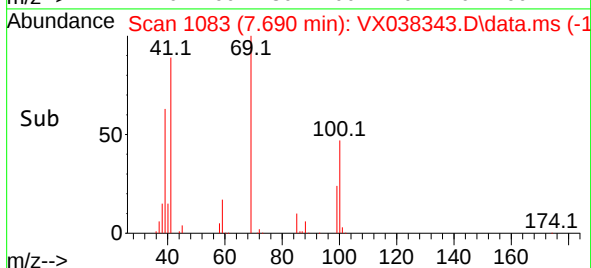
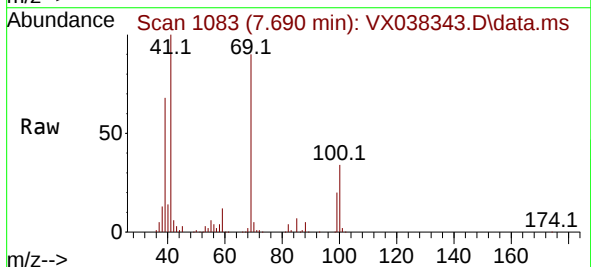
Manual Integrations
APPROVED

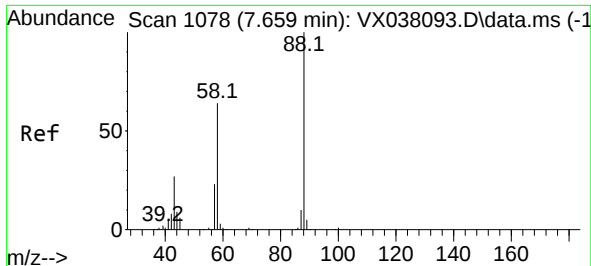
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#48
Methyl methacrylate
Concen: 51.375 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

Tgt Ion: 41 Resp: 101674
Ion Ratio Lower Upper
41 100
69 90.5 59.2 88.8
39 67.6 47.7 71.5





#49

1,4-Dioxane

Concen: 937.786 ug/l

RT: 7.659 min Scan# 110

Delta R.T. 0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS

Tgt Ion: 88 Resp: 45734

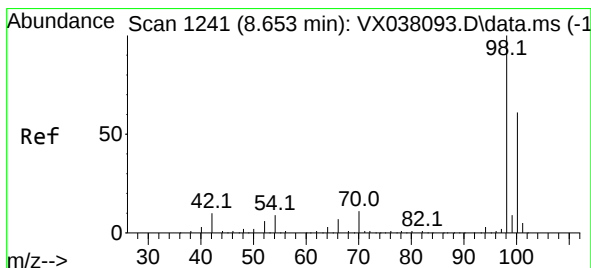
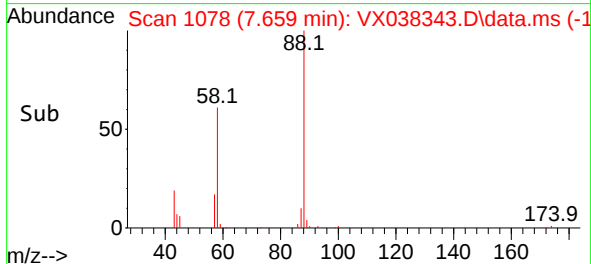
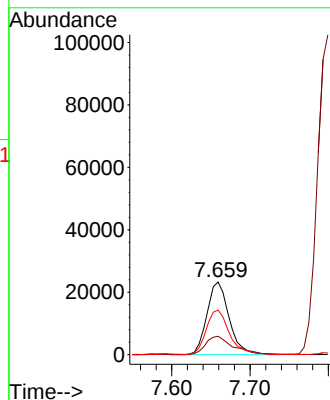
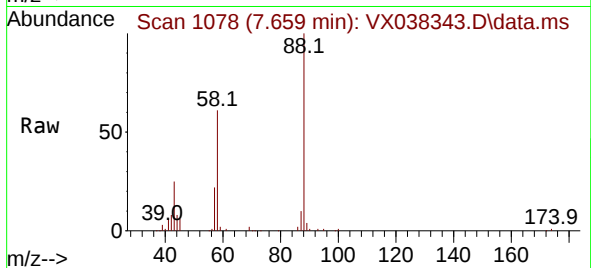
Ion	Ratio	Lower	Upper
88	100		
43	30.6	0.0	0.0
58	64.5	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 43.392 ug/l

RT: 8.647 min Scan# 1240

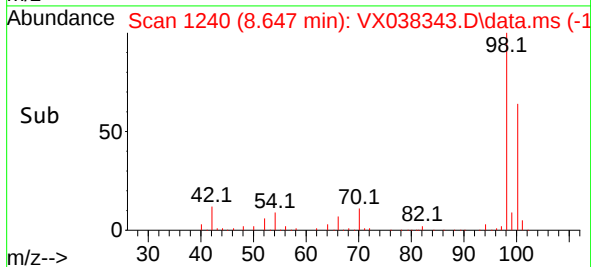
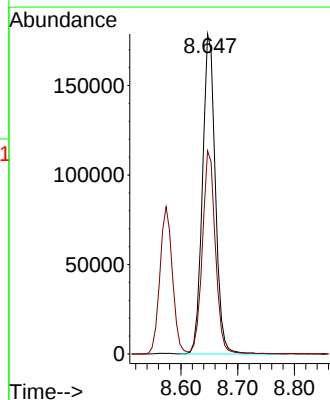
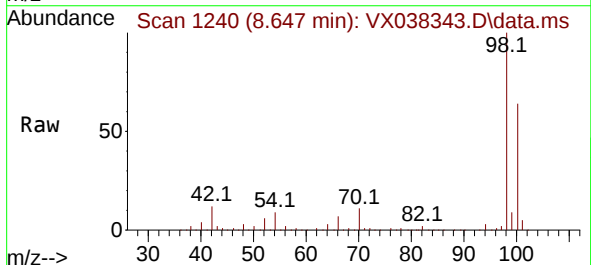
Delta R.T. -0.006 min

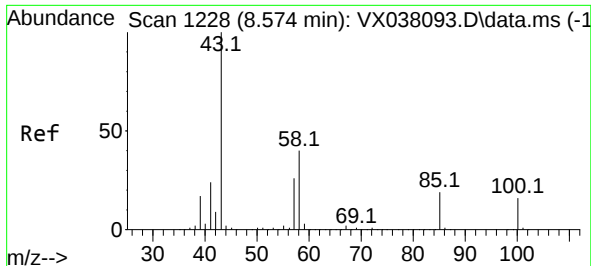
Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Tgt Ion: 98 Resp: 281159

Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 263.942 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS

Tgt Ion: 43 Resp: 754730

Ion Ratio Lower Upper

43 100

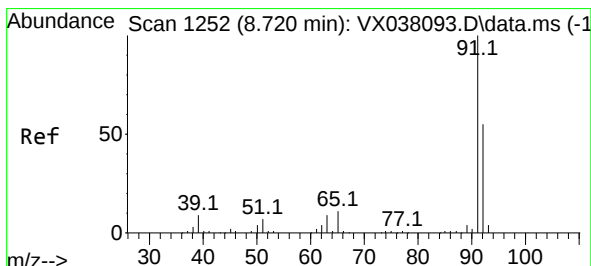
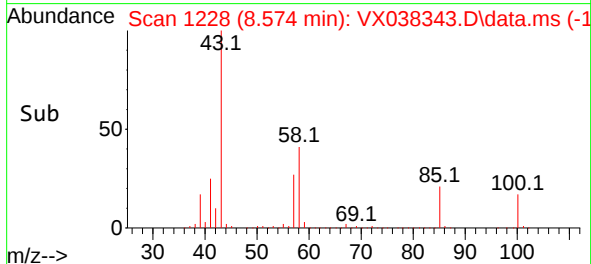
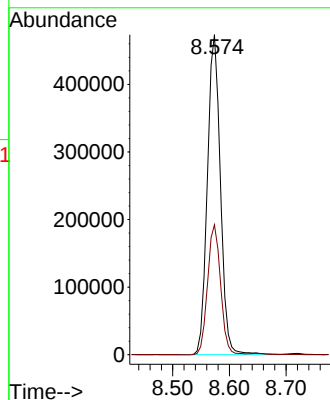
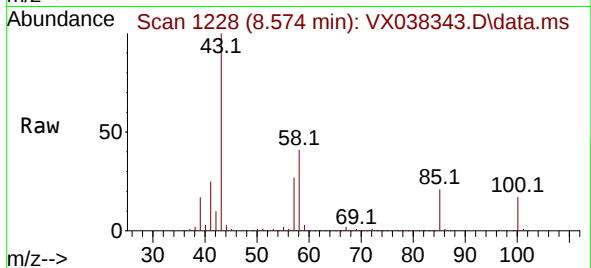
58 40.5 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#52

Toluene

Concen: 54.658 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038343.D

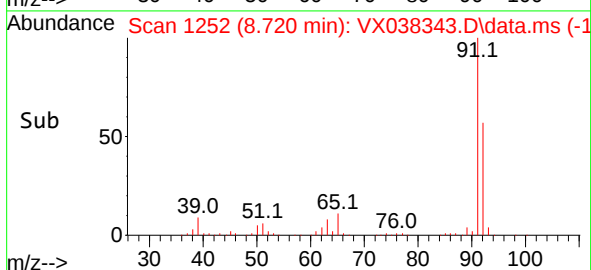
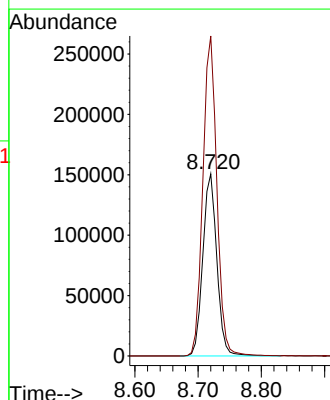
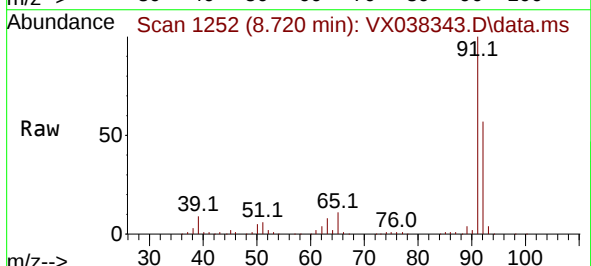
Acq: 17 Oct 2023 20:32

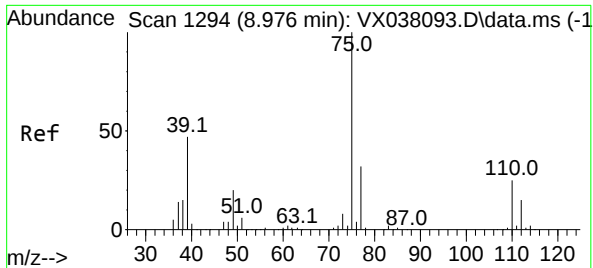
Tgt Ion: 92 Resp: 232854

Ion Ratio Lower Upper

92 100

91 175.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 52.966 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS

Tgt Ion: 75 Resp: 132778

Ion Ratio Lower Upper

75 100

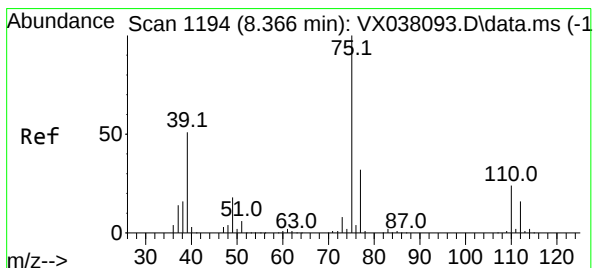
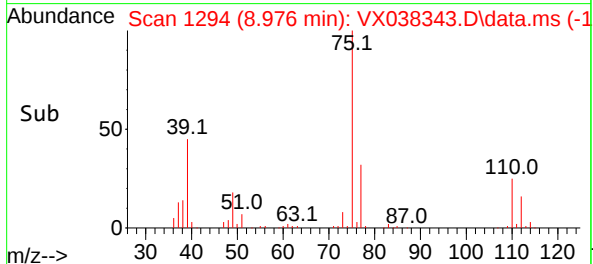
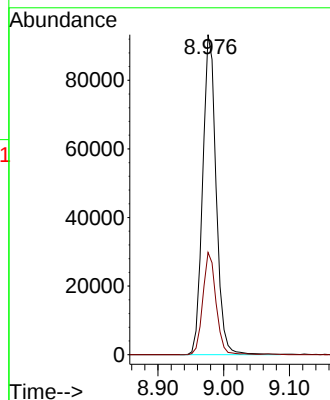
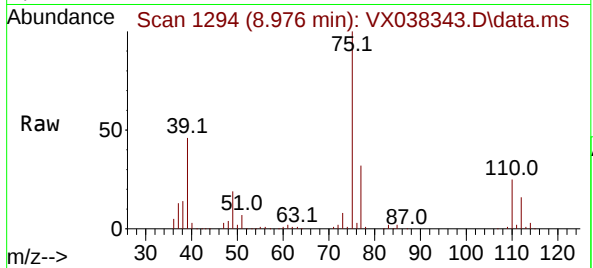
77 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#54

cis-1,3-Dichloropropene

Concen: 51.614 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

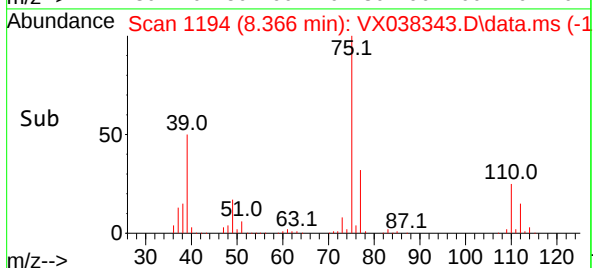
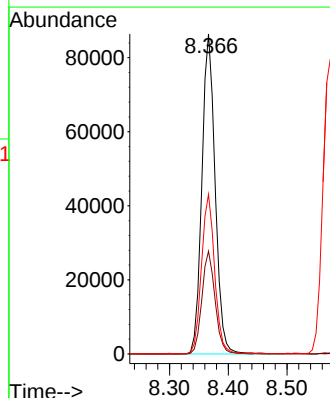
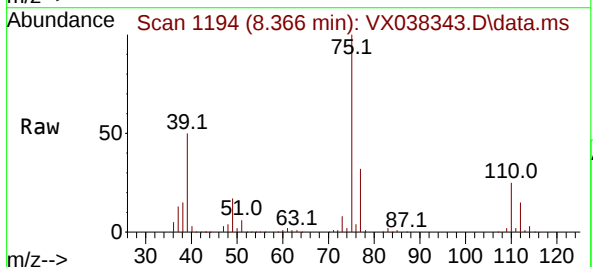
Tgt Ion: 75 Resp: 135943

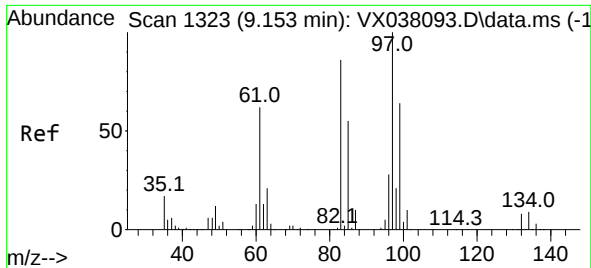
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

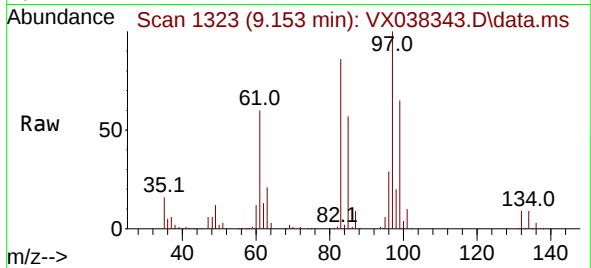
39 49.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 54.260 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

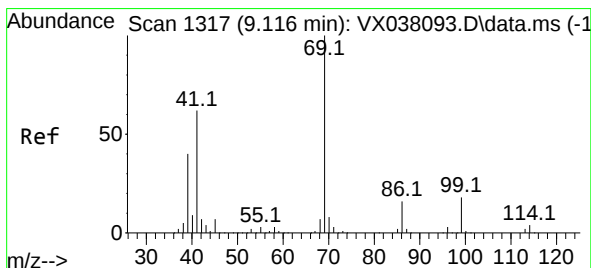
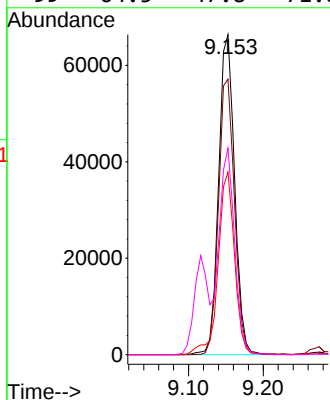
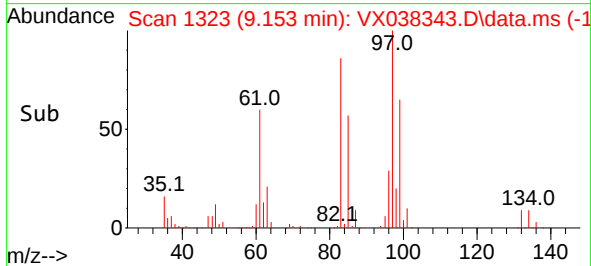
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



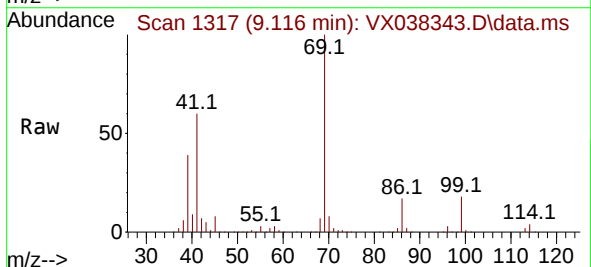
Tgt Ion: 97 Resp: 98874
Ion Ratio Lower Upper
97 100
83 86.1 65.8 98.8
85 57.1 41.6 62.4
99 64.5 47.8 71.8

Manual Integrations
APPROVED

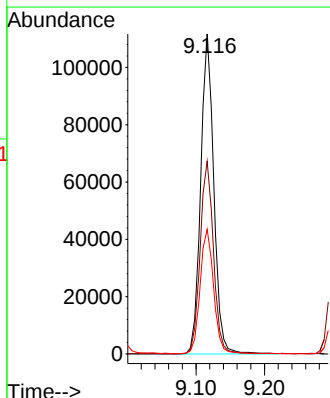
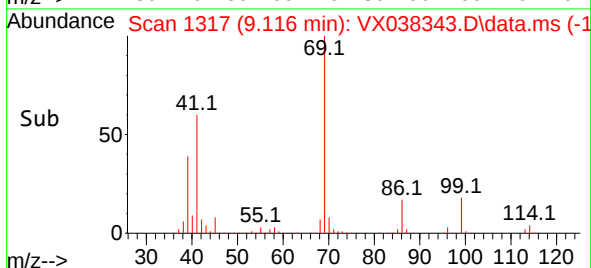
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

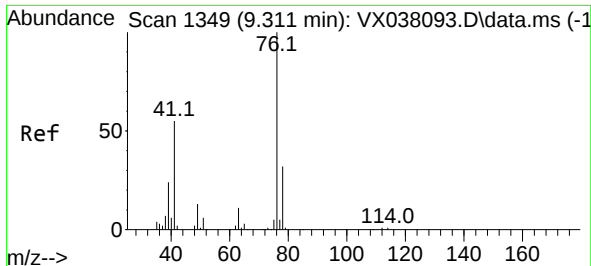


#56
Ethyl methacrylate
Concen: 53.322 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32



Tgt Ion: 69 Resp: 148974
Ion Ratio Lower Upper
69 100
41 61.3 56.8 85.2
39 39.9 32.0 48.0





#57

1,3-Dichloropropane

Concen: 54.114 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS

Tgt Ion: 76 Resp: 159484

Ion Ratio Lower Upper

76 100

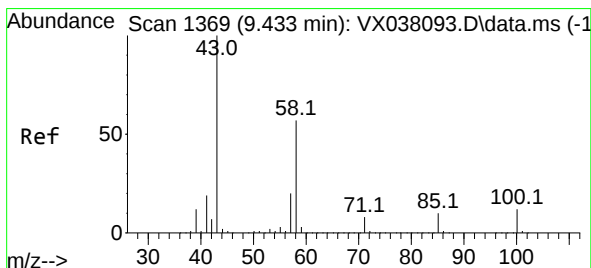
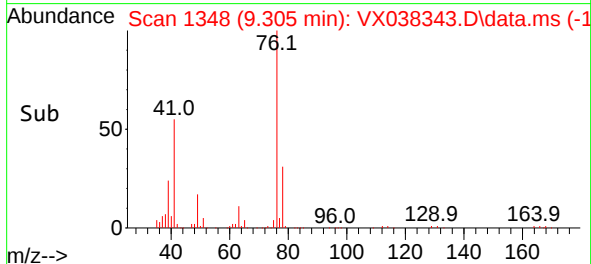
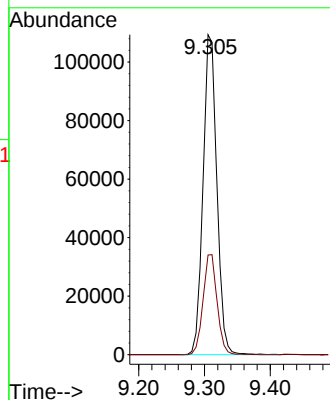
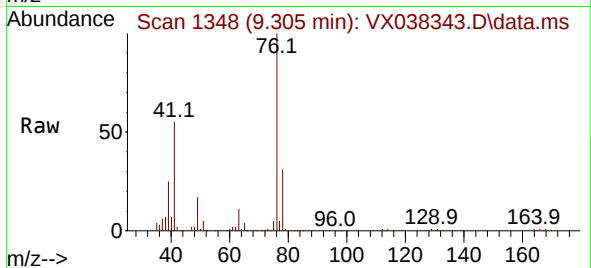
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#59

2-Hexanone

Concen: 266.857 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX038343.D

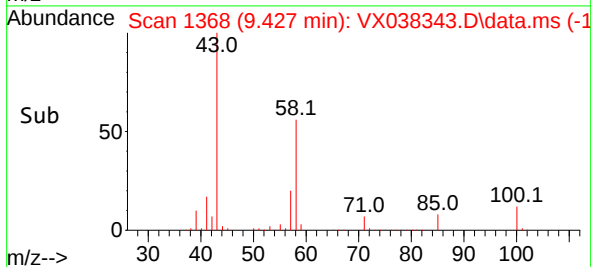
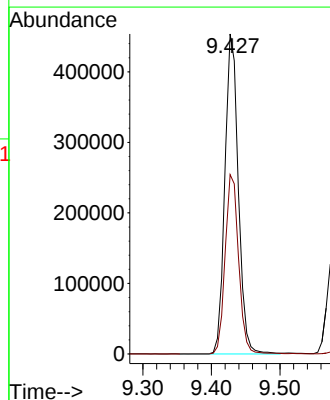
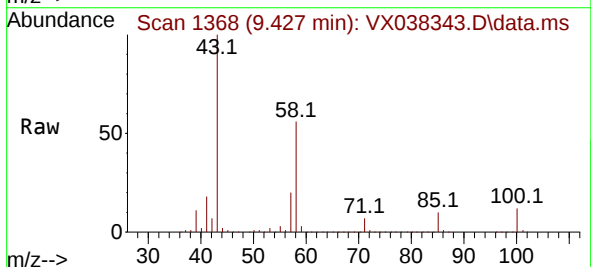
Acq: 17 Oct 2023 20:32

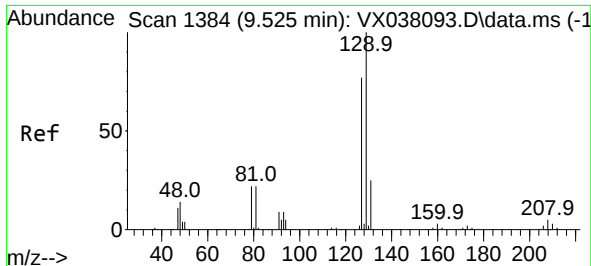
Tgt Ion: 43 Resp: 613451

Ion Ratio Lower Upper

43 100

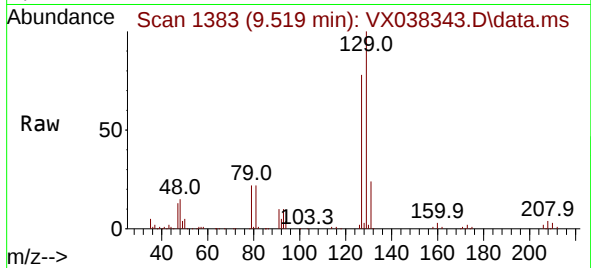
58 56.4 26.2 78.5





#60
Dibromochloromethane
Concen: 57.664 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

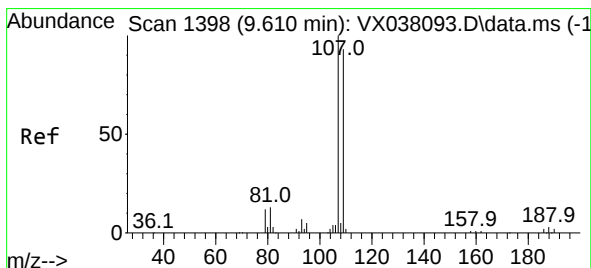
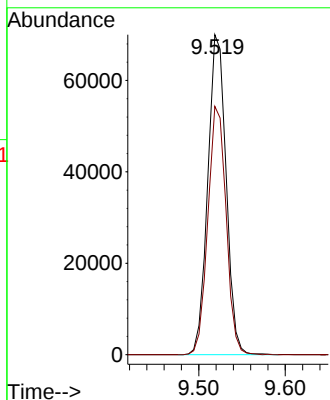
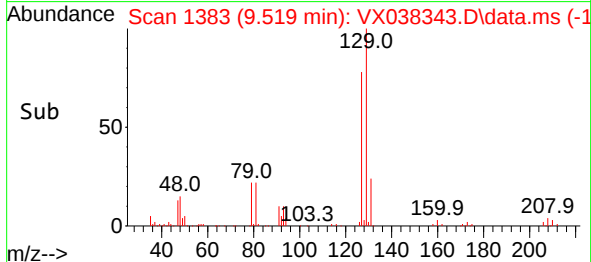
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



Tgt Ion:129 Resp: 102838
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

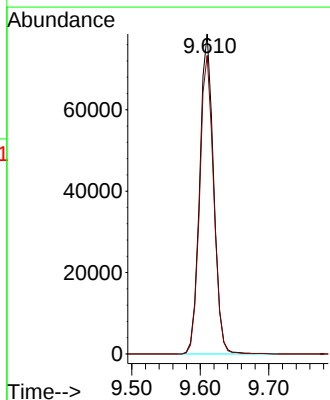
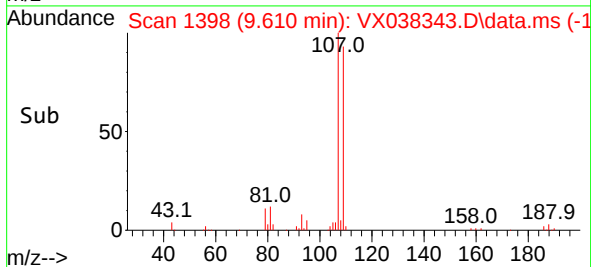
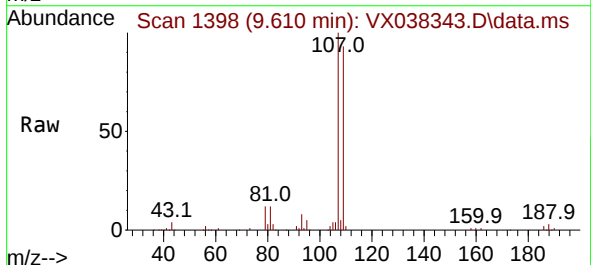
Manual Integrations
APPROVED

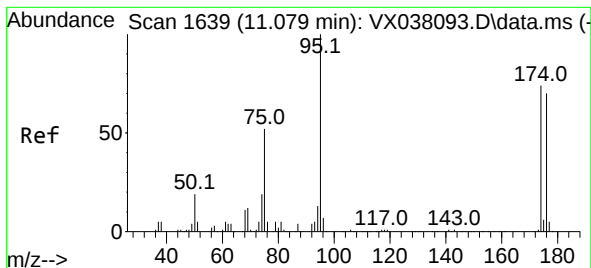
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#61
1,2-Dibromoethane
Concen: 56.411 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

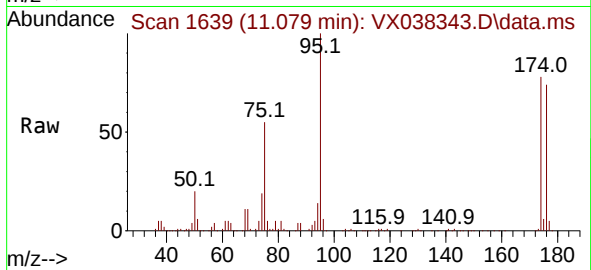
Tgt Ion:107 Resp: 111160
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8





#62
4-Bromofluorobenzene
Concen: 47.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

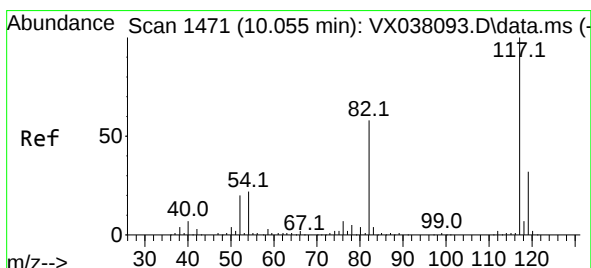
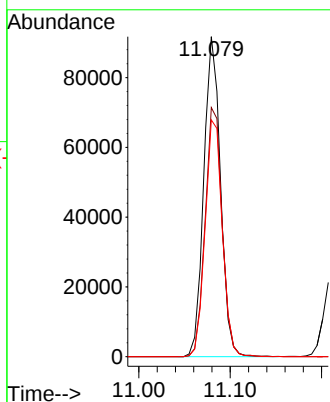
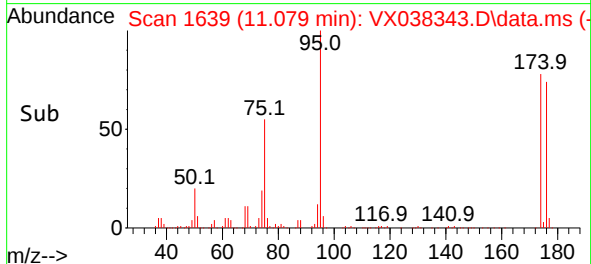
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



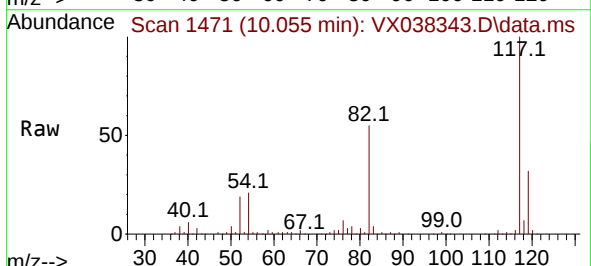
Tgt Ion: 95 Resp: 116009
Ion Ratio Lower Upper
95 100
174 79.5 0.0 135.6
176 76.2 0.0 131.0

Manual Integrations
APPROVED

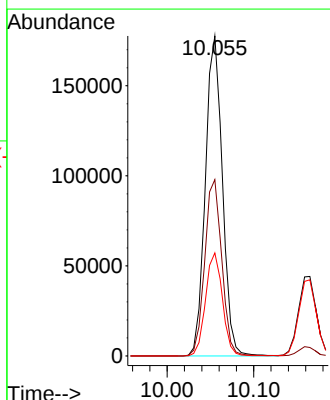
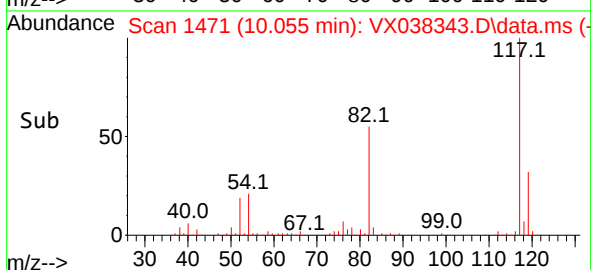
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

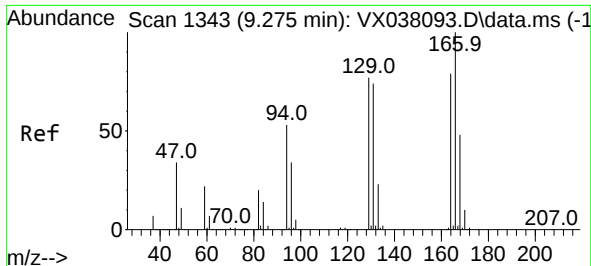


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32



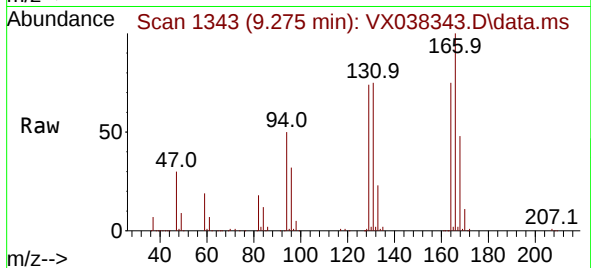
Tgt Ion:117 Resp: 243060
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.2 25.5 38.3





#64
Tetrachloroethene
Concen: 49.272 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

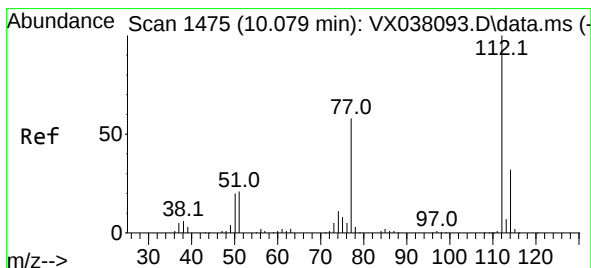
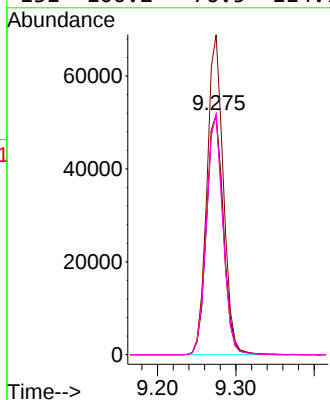
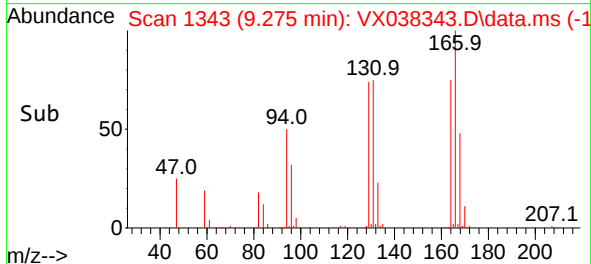
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



Tgt Ion:164 Resp: 77530
Ion Ratio Lower Upper
164 100
166 133.3 102.7 154.1
129 99.2 80.4 120.6
131 100.2 76.5 114.7

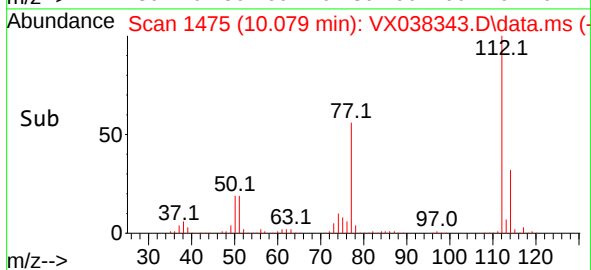
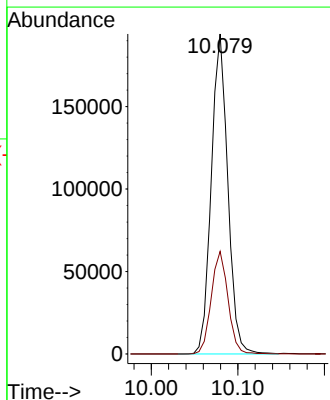
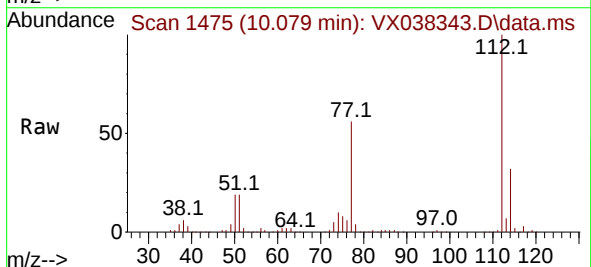
Manual Integrations
APPROVED

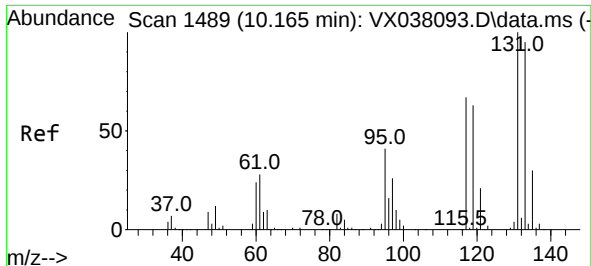
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#65
Chlorobenzene
Concen: 50.496 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

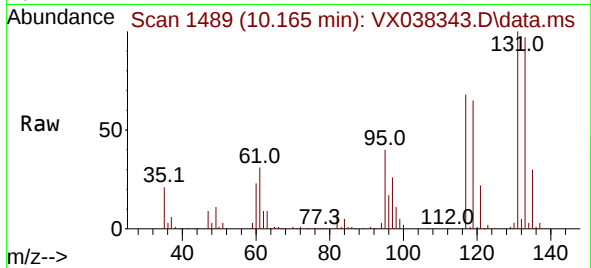
Tgt Ion:112 Resp: 256828
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 53.657 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

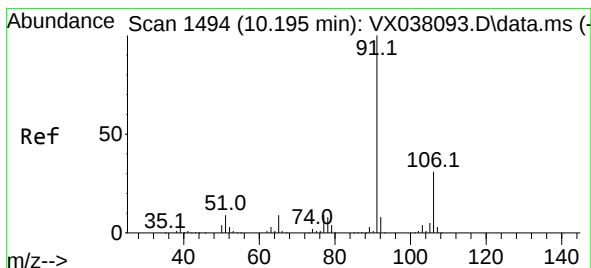
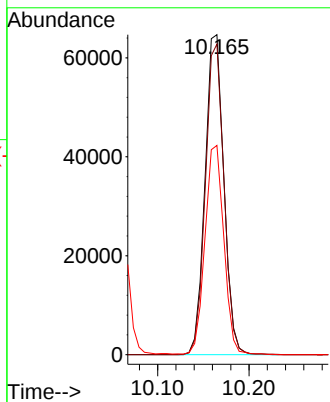
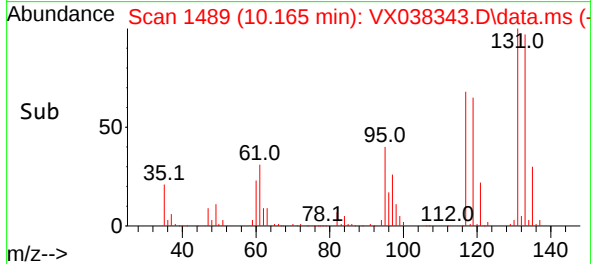
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



Tgt Ion:131 Resp: 92284
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 65.8 32.2 96.6

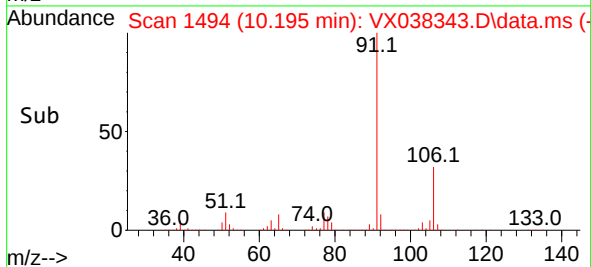
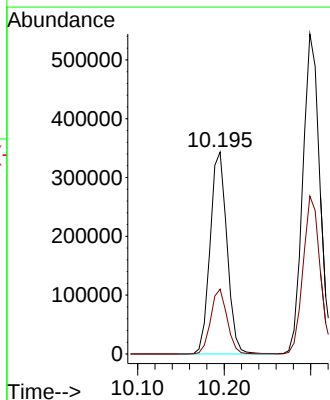
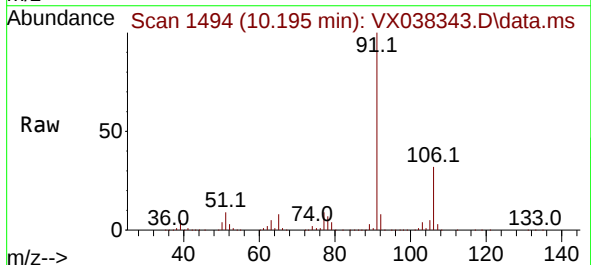
Manual Integrations
APPROVED

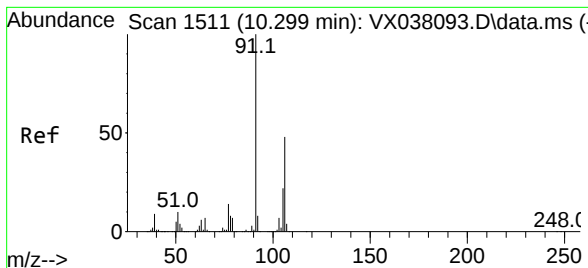
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#67
Ethyl Benzene
Concen: 51.197 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

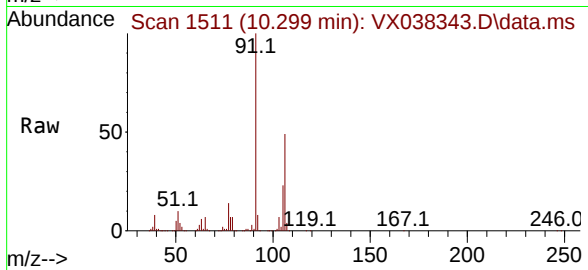
Tgt Ion: 91 Resp: 464805
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3





#68
m/p-Xylenes
Concen: 104.805 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

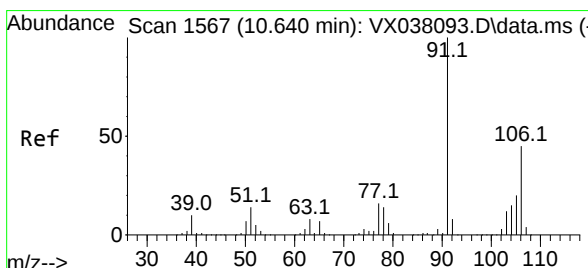
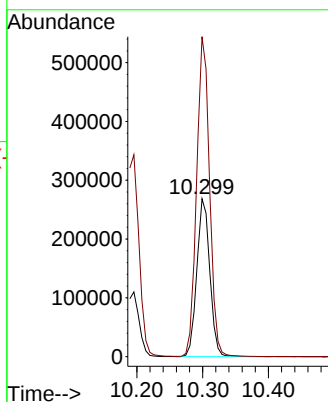
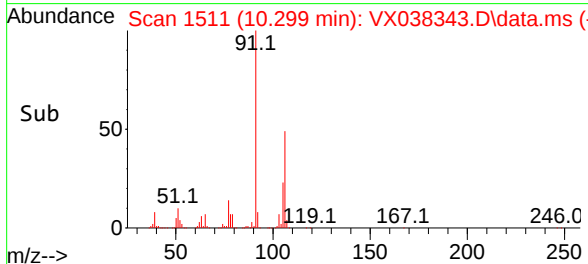
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



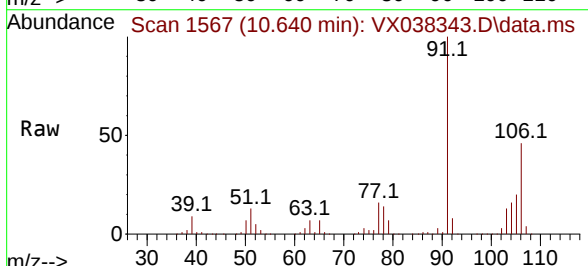
Tgt Ion:106 Resp: 367910
Ion Ratio Lower Upper
106 100
91 202.0 165.5 248.3

Manual Integrations
APPROVED

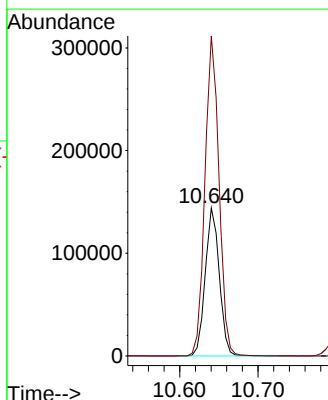
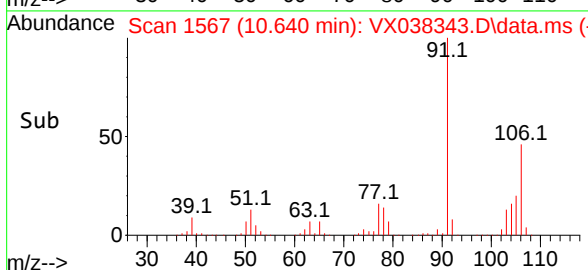
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

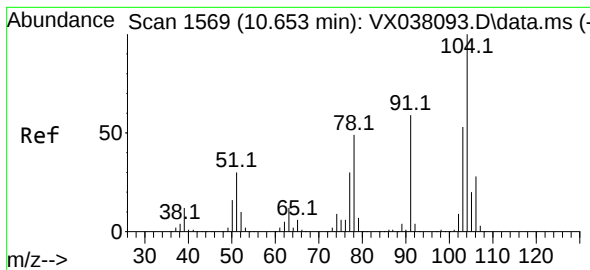


#69
o-Xylene
Concen: 52.253 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32



Tgt Ion:106 Resp: 179026
Ion Ratio Lower Upper
106 100
91 216.6 108.9 326.8





#70

Styrene

Concen: 52.627 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS

Tgt Ion:104 Resp: 293638

Ion Ratio Lower Upper

104 100

78 51.1 43.6 65.4

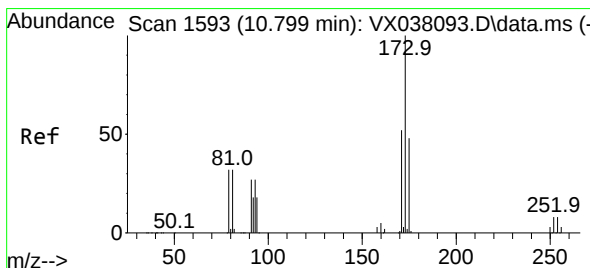
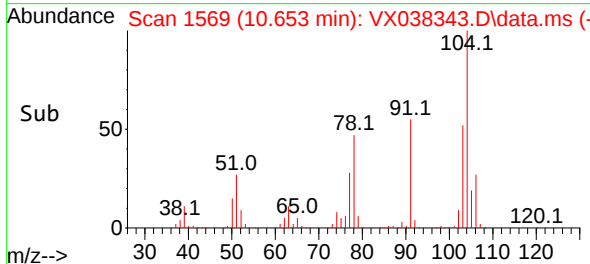
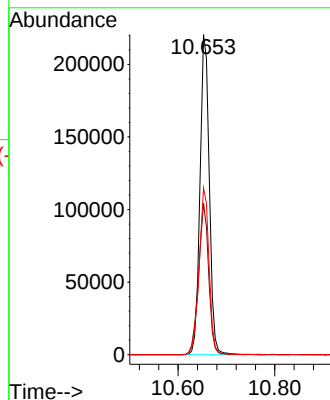
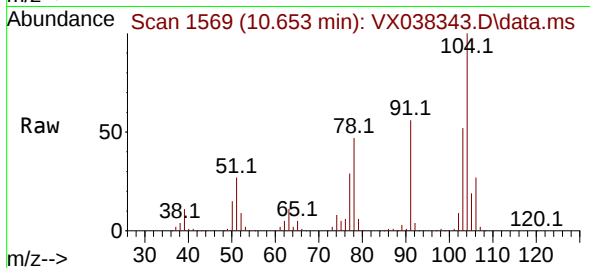
103 56.1 43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#71

Bromoform

Concen: 48.943 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

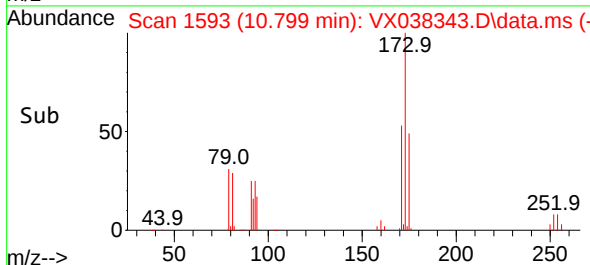
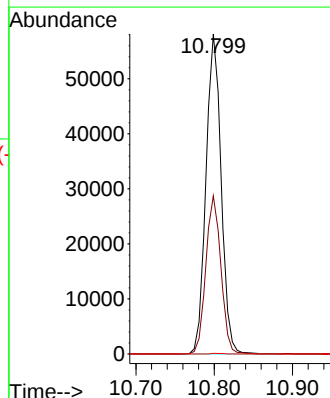
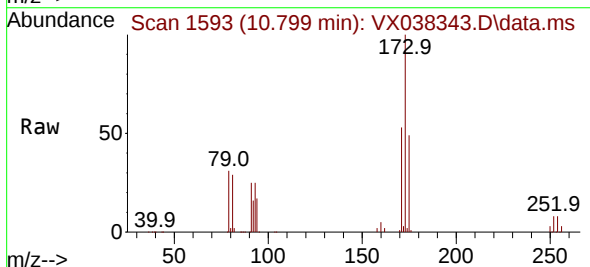
Tgt Ion:173 Resp: 77986

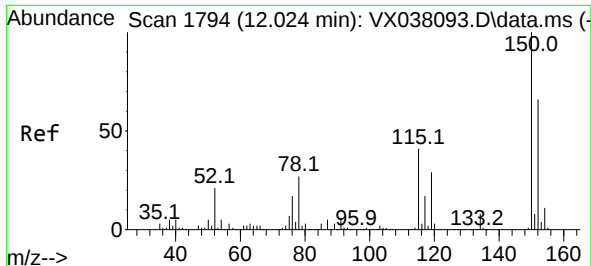
Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.4

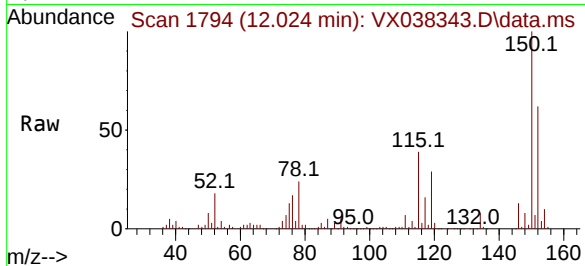
254 0.1 0.0 0.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

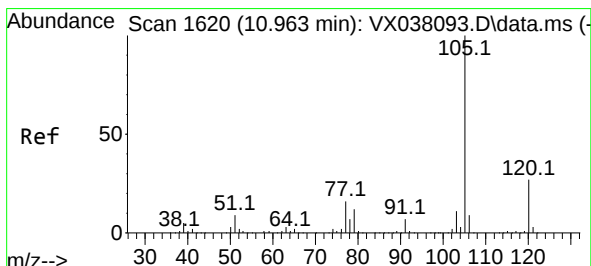
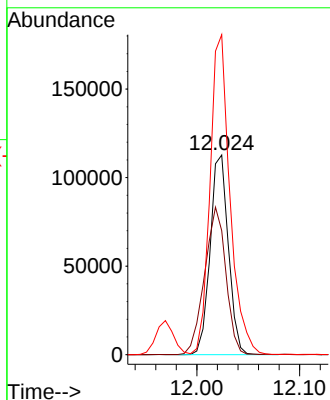
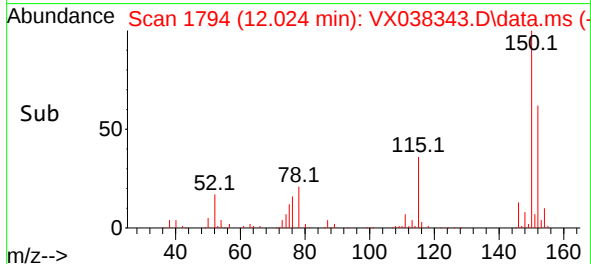
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



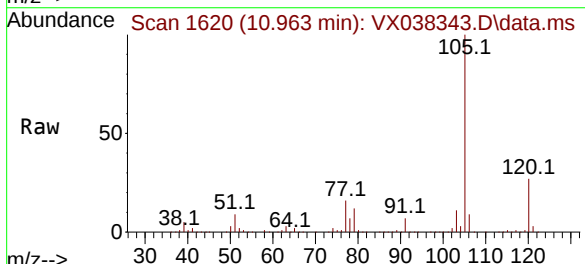
Tgt Ion:152 Resp: 13864
Ion Ratio Lower Upper
152 100
115 86.7 43.3 129.9
150 174.9 0.0 345.0

Manual Integrations
APPROVED

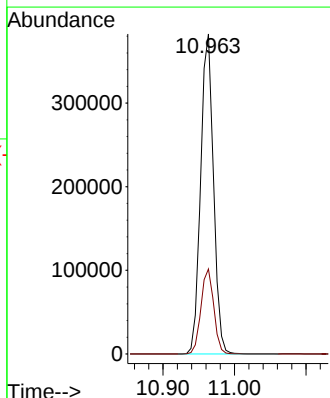
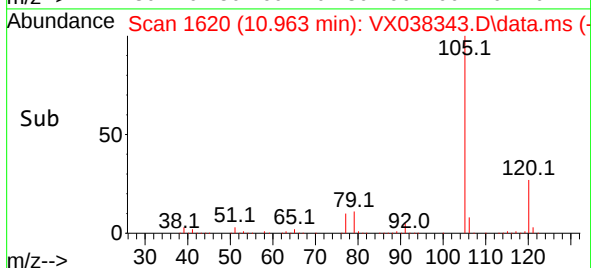
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

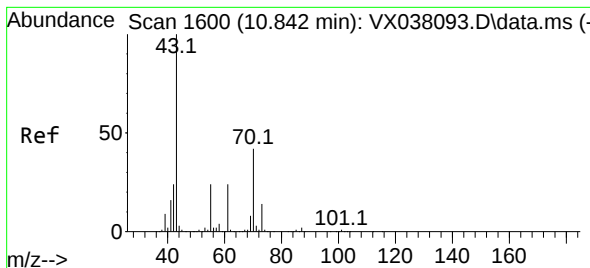


#73
Isopropylbenzene
Concen: 51.291 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32



Tgt Ion:105 Resp: 476890
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6





#74

N-amy1 acetate

Concen: 48.727 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038343.D

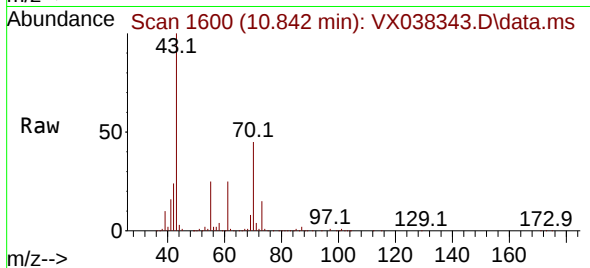
Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS



Tgt Ion: 43 Resp: 193470

Ion Ratio Lower Upper

43 100

70 46.0 32.9 49.3

55 25.6 19.3 28.9

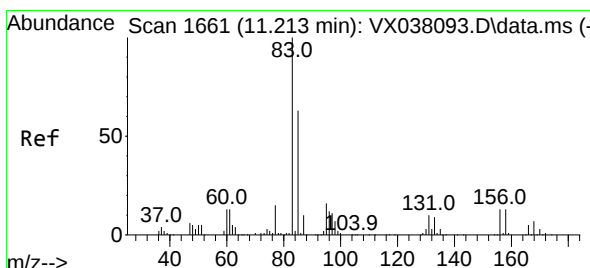
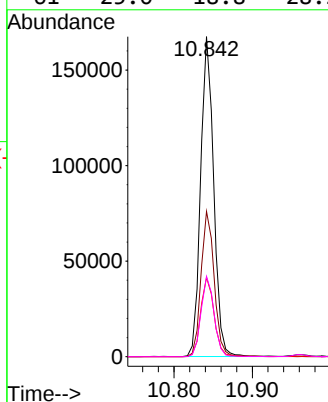
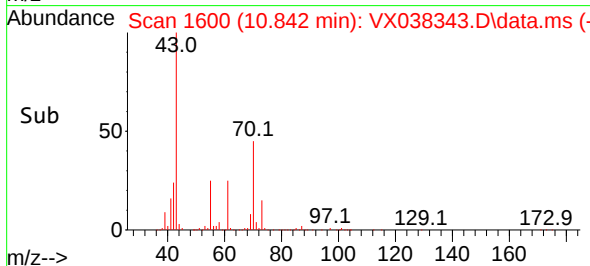
61 25.0 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#75

1,1,2,2-Tetrachloroethane

Concen: 51.827 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

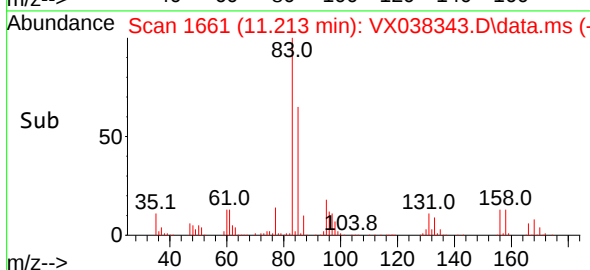
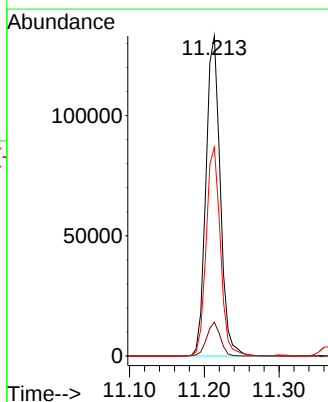
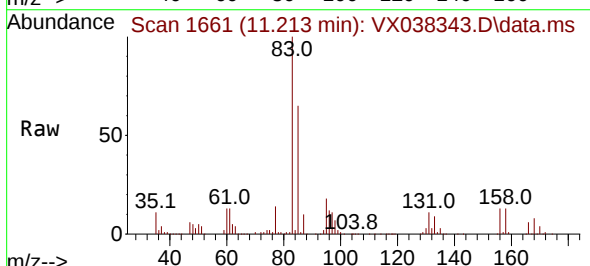
Tgt Ion: 83 Resp: 176821

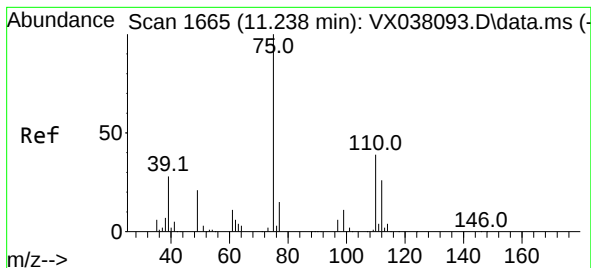
Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

85 64.9 32.0 96.2





#76

1,2,3-Trichloropropane

Concen: 51.303 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS

Tgt Ion: 75 Resp: 16170

Ion Ratio Lower Upper

75 100

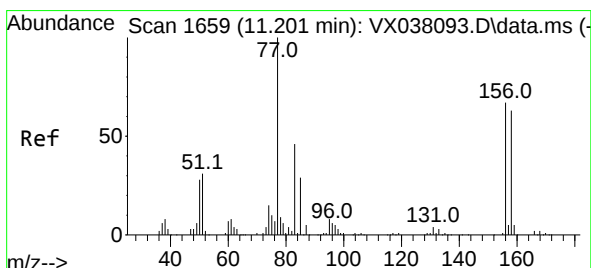
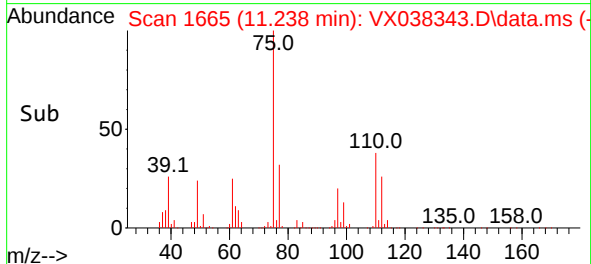
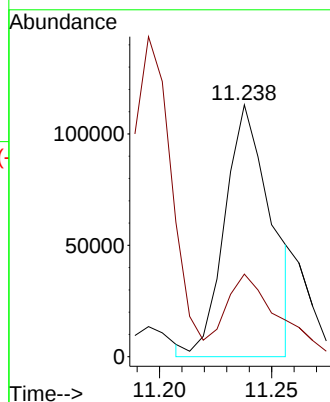
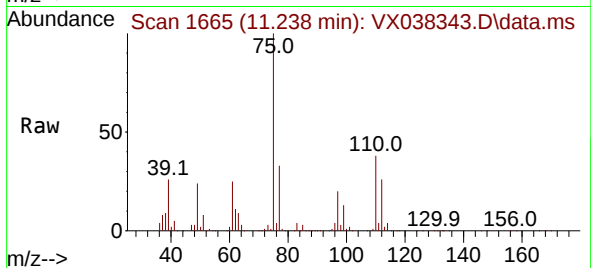
77 37.7 19.1 57.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#77

Bromobenzene

Concen: 51.932 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

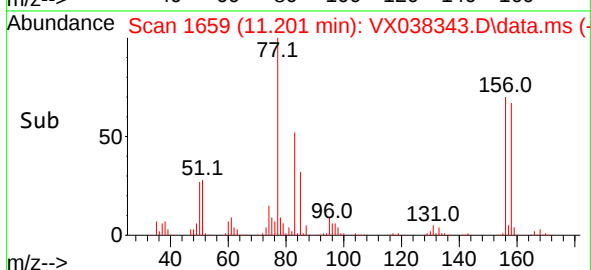
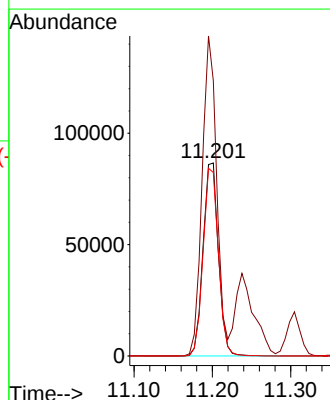
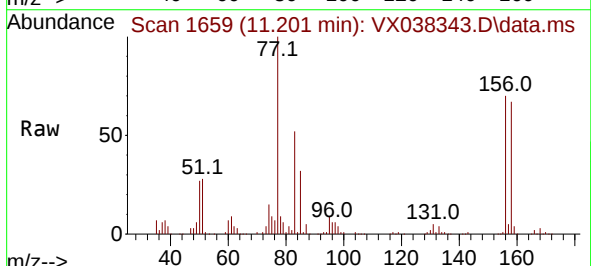
Tgt Ion:156 Resp: 117884

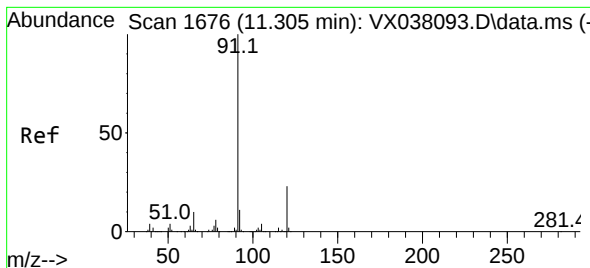
Ion Ratio Lower Upper

156 100

77 157.2 88.4 265.3

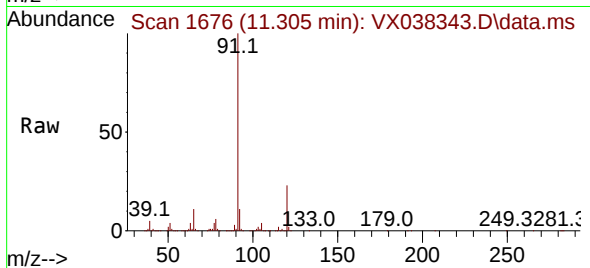
158 96.8 48.0 144.0





#78
n-propylbenzene
Concen: 49.787 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

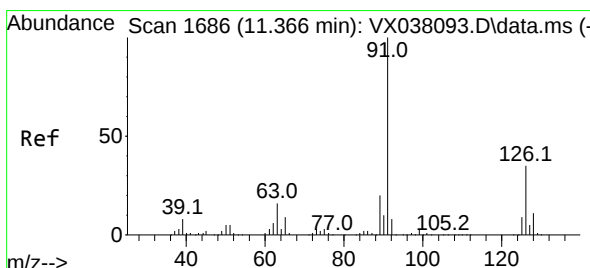
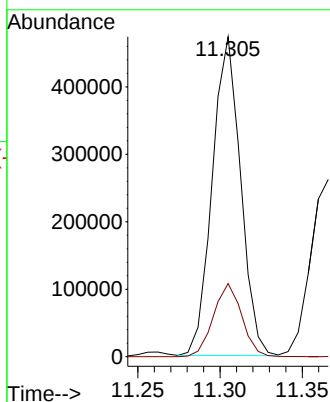
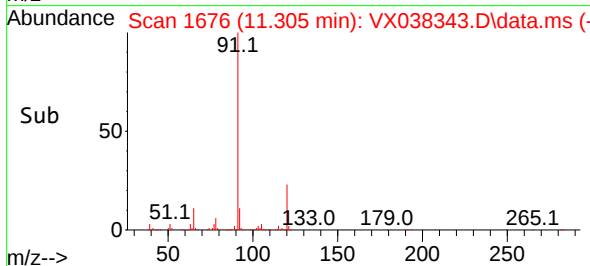
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



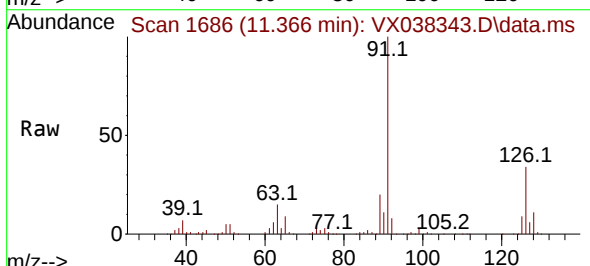
Tgt Ion: 91 Resp: 566017
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

Manual Integrations
APPROVED

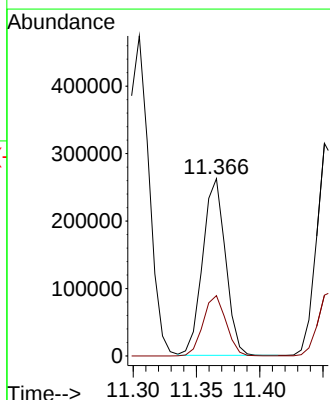
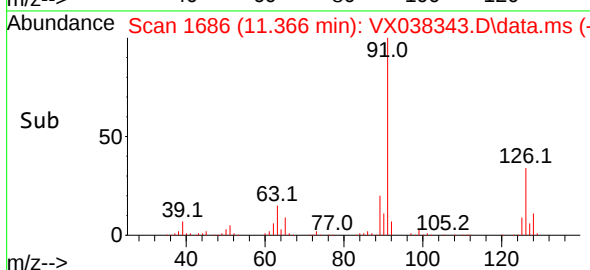
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

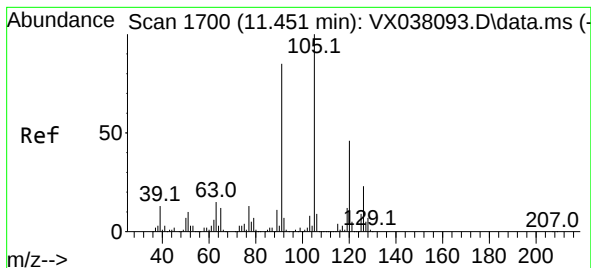


#79
2-Chlorotoluene
Concen: 48.857 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32



Tgt Ion: 91 Resp: 329409
Ion Ratio Lower Upper
91 100
126 34.5 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 51.246 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS

Tgt Ion:105 Resp: 411068

Ion Ratio Lower Upper

105 100

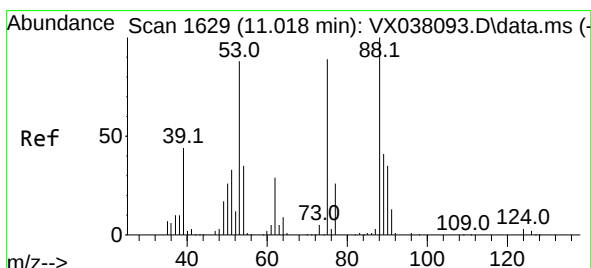
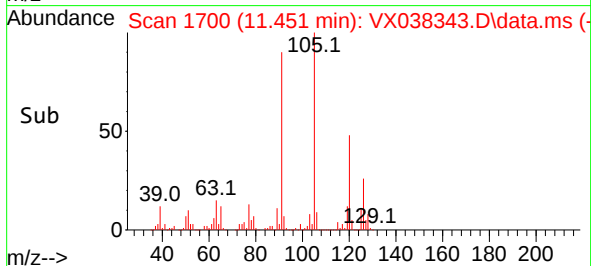
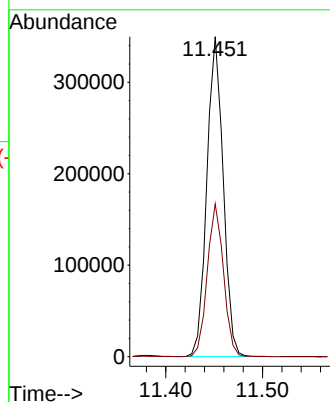
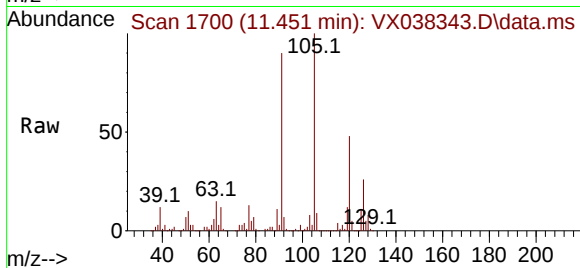
120 47.5 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 42.350 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

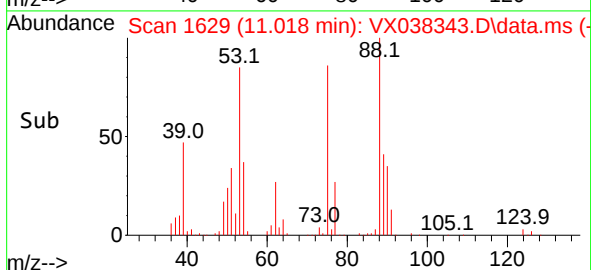
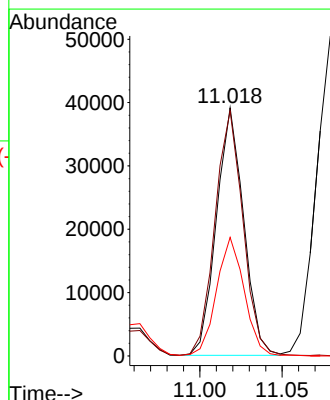
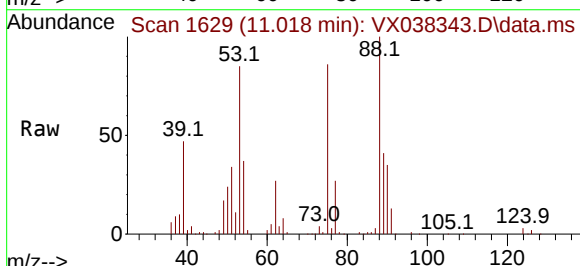
Tgt Ion: 75 Resp: 44989

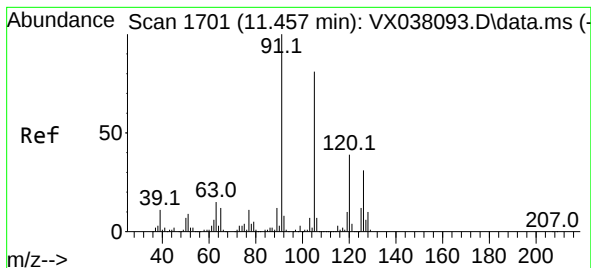
Ion Ratio Lower Upper

75 100

53 101.8 90.5 135.7

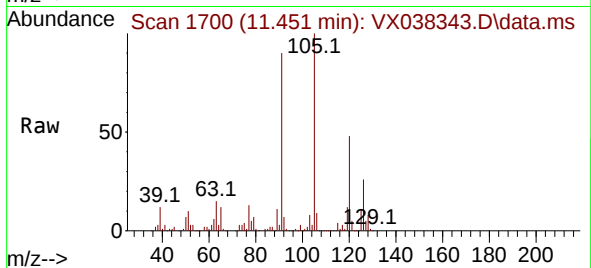
89 48.9 36.9 55.3





#82
4-Chlorotoluene
Concen: 49.294 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

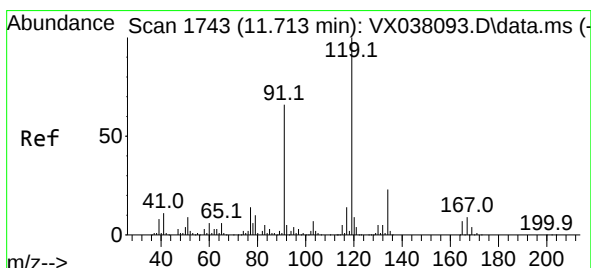
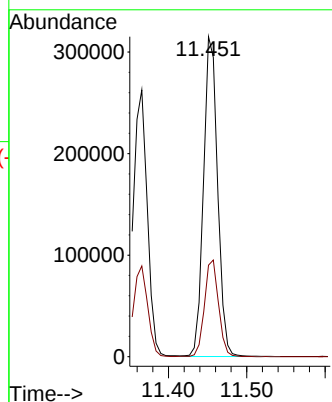
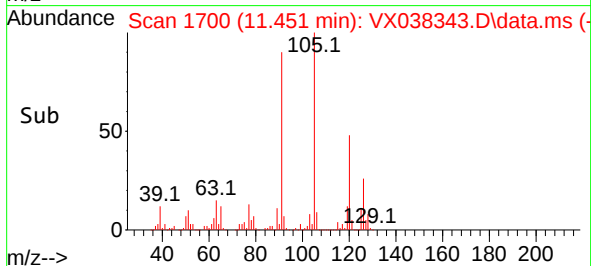
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



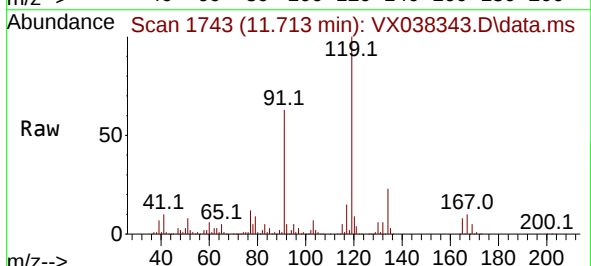
Tgt Ion: 91 Resp: 393284
Ion Ratio Lower Upper
91 100
126 30.2 14.2 42.6

Manual Integrations
APPROVED

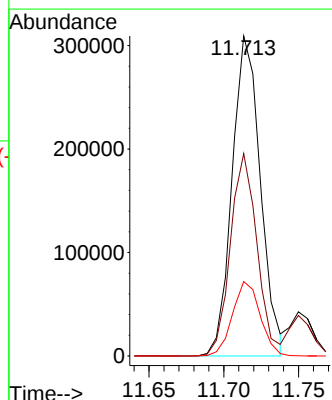
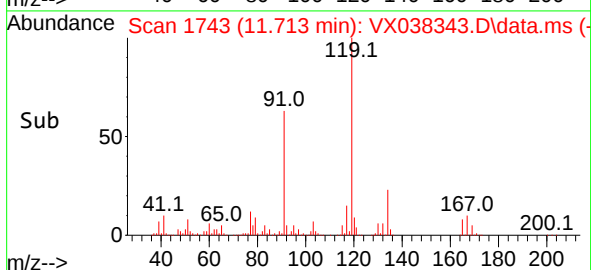
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

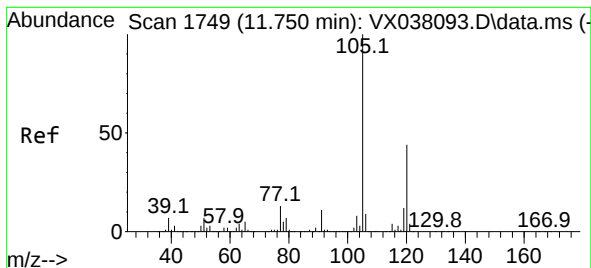


#83
tert-Butylbenzene
Concen: 51.875 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32



Tgt Ion:119 Resp: 406600
Ion Ratio Lower Upper
119 100
91 59.7 31.2 93.6
134 22.8 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 50.876 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS

Tgt Ion:105 Resp: 406900

Ion Ratio Lower Upper

105 100

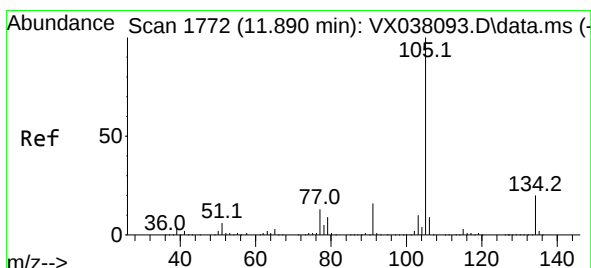
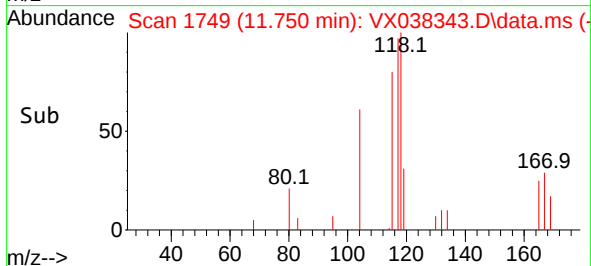
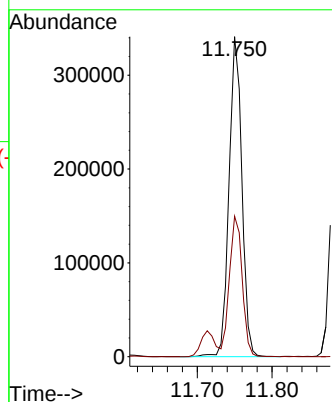
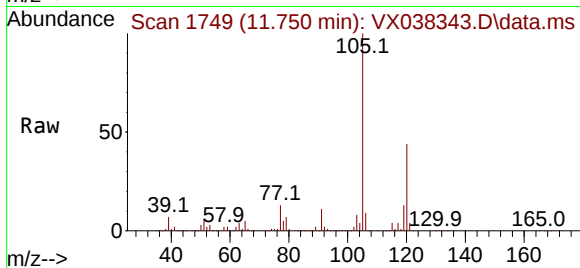
120 43.7 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#85

sec-Butylbenzene

Concen: 50.832 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX038343.D

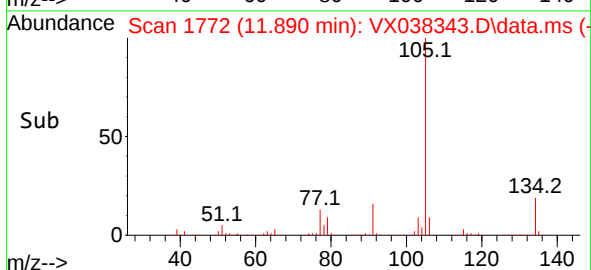
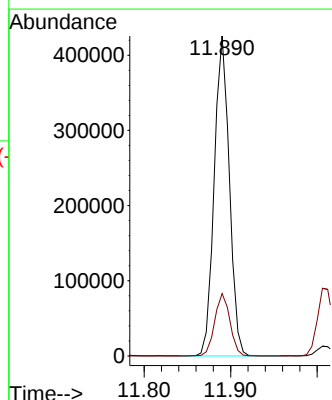
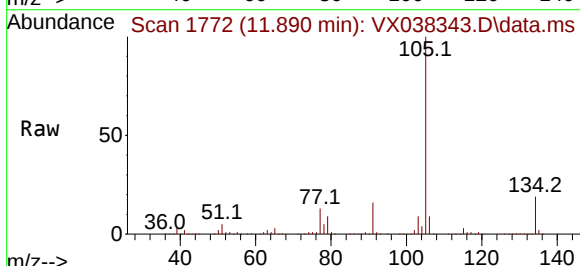
Acq: 17 Oct 2023 20:32

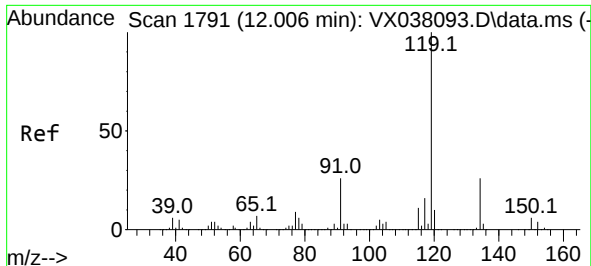
Tgt Ion:105 Resp: 516117

Ion Ratio Lower Upper

105 100

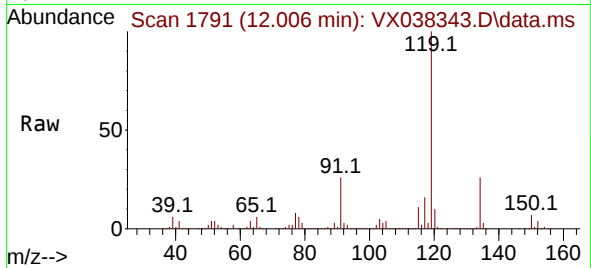
134 19.6 9.8 29.4





#86
p-Isopropyltoluene
Concen: 51.193 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

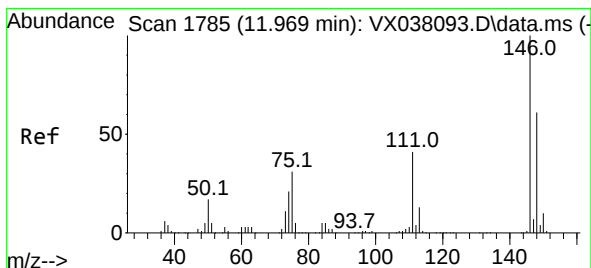
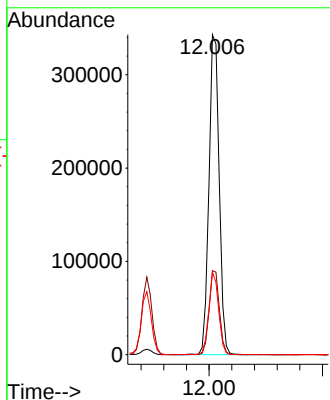
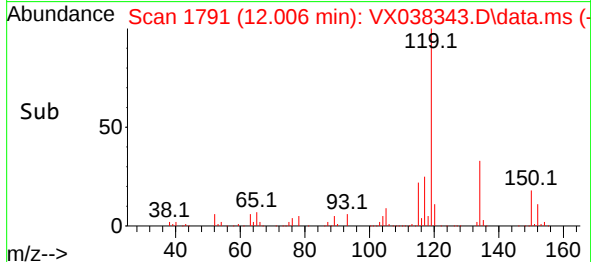
Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS



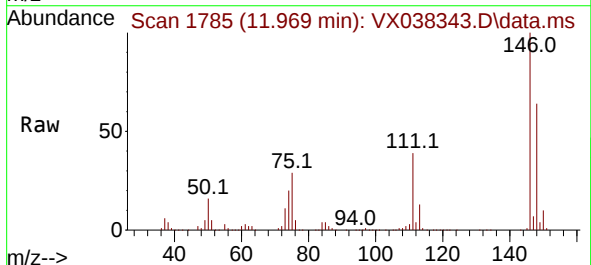
Tgt Ion:119 Resp: 42884
Ion Ratio Lower Upper
119 100
134 26.2 12.8 38.3
91 24.6 13.1 39.3

Manual Integrations
APPROVED

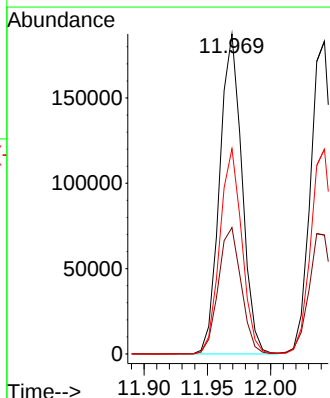
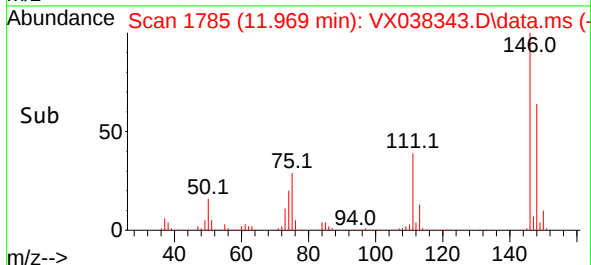
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

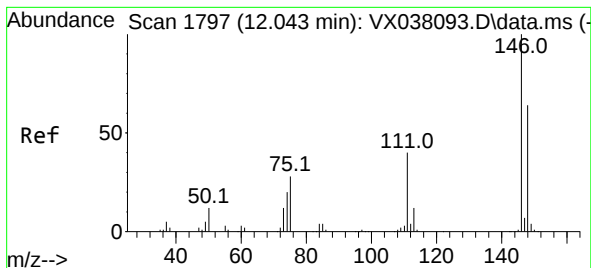


#87
1,3-Dichlorobenzene
Concen: 50.307 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32



Tgt Ion:146 Resp: 229365
Ion Ratio Lower Upper
146 100
111 40.6 22.1 66.1
148 63.4 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 49.462 ug/l

RT: 12.043 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS

Tgt Ion:146 Resp: 23023

Ion Ratio Lower Upper

146 100

111 39.9 21.3 63.7

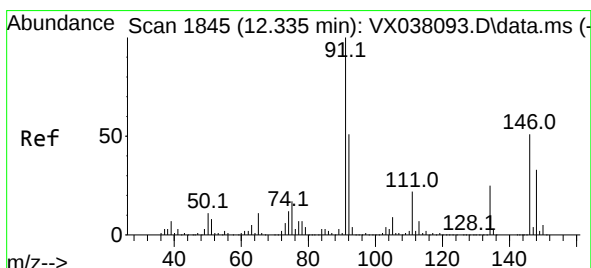
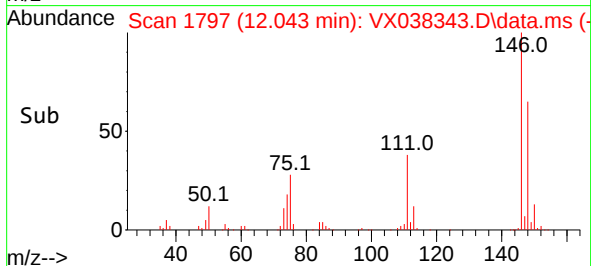
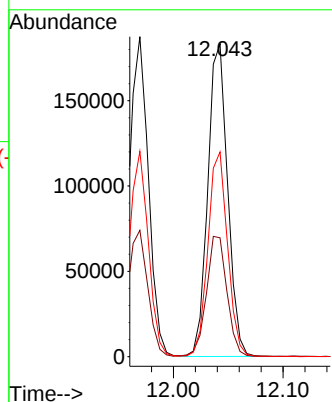
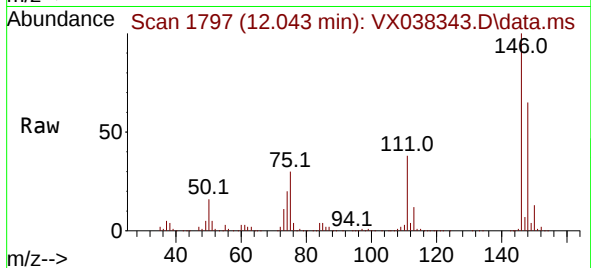
148 65.0 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#89

n-Butylbenzene

Concen: 47.681 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

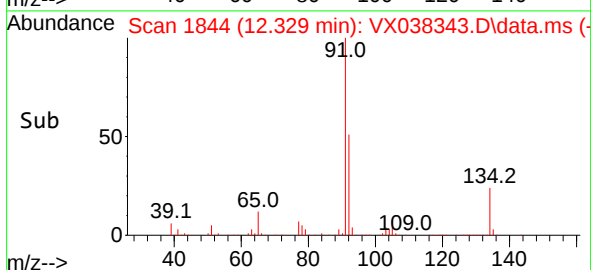
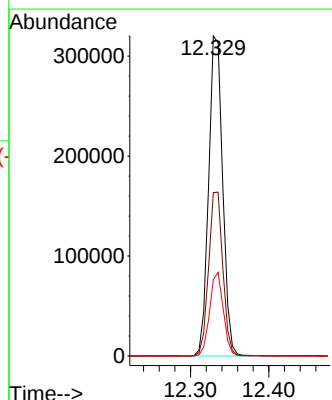
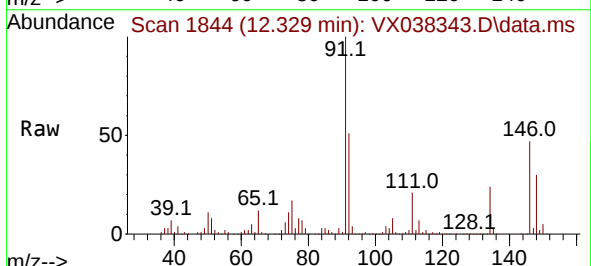
Tgt Ion: 91 Resp: 397792

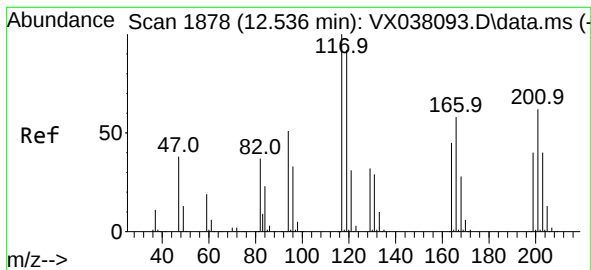
Ion Ratio Lower Upper

91 100

92 51.7 27.4 82.0

134 25.3 12.6 37.8





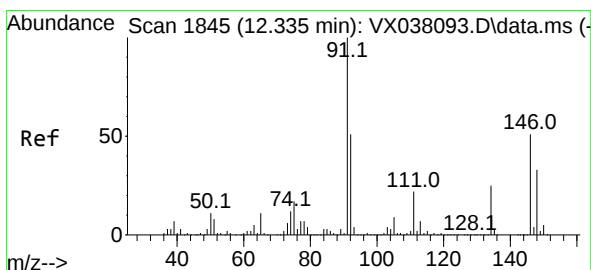
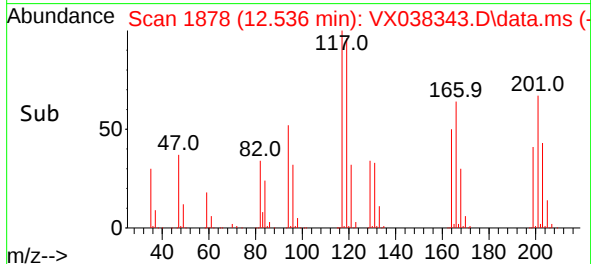
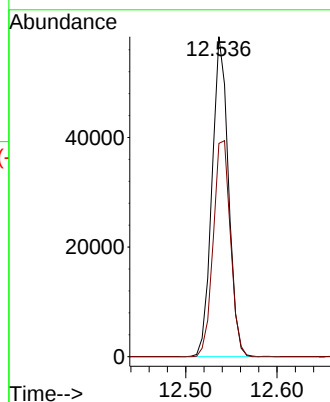
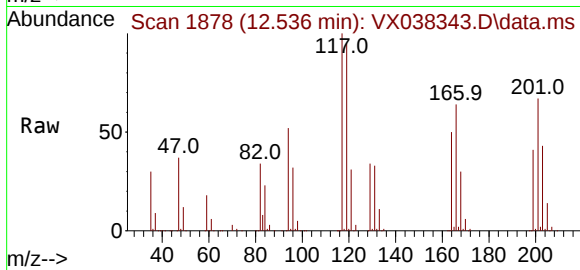
#90
Hexachloroethane
Concen: 52.272 ug/l
RT: 12.536 min Scan# 117
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

Instrument :
MSVOA_X
ClientSampleId :
GW-18-37-40MS

Tgt Ion:117 Resp: 7260
Ion Ratio Lower Upper
117 100
201 71.0 32.9 98.6

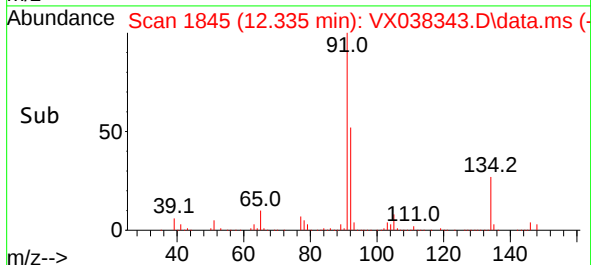
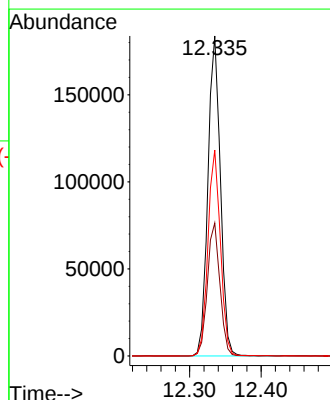
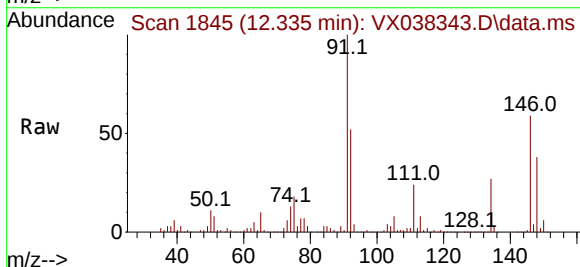
Manual Integrations
APPROVED

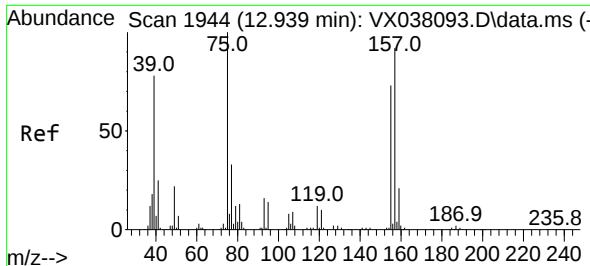
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#91
1,2-Dichlorobenzene
Concen: 50.845 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038343.D
Acq: 17 Oct 2023 20:32

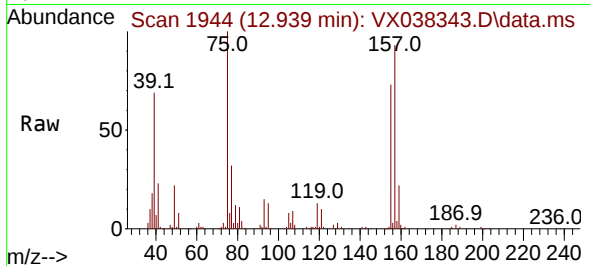
Tgt Ion:146 Resp: 222830
Ion Ratio Lower Upper
146 100
111 41.8 22.4 67.0
148 64.4 31.6 95.0





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.784 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: VX038343.D
 Acq: 17 Oct 2023 20:32

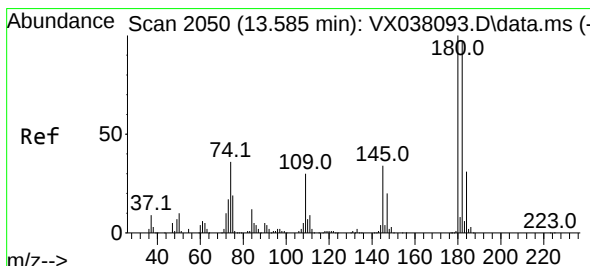
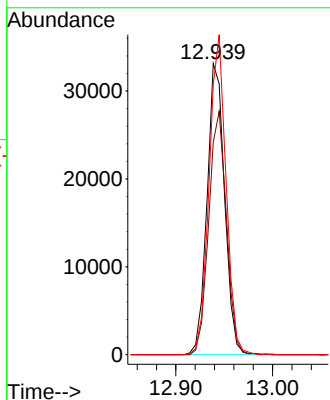
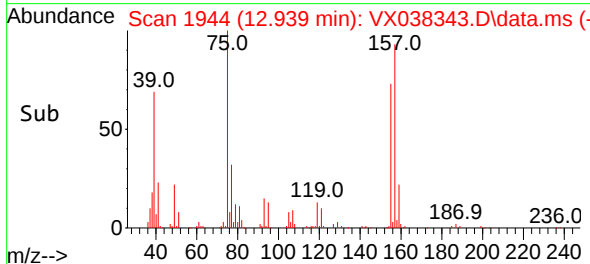
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-18-37-40MS



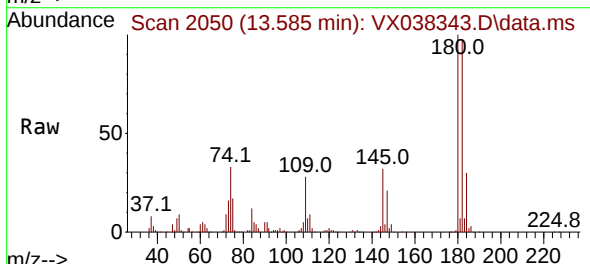
Tgt Ion: 75 Resp: 4189
 Ion Ratio Lower Upper
 75 100
 155 84.1 36.1 108.5
 157 105.8 44.9 134.7

Manual Integrations
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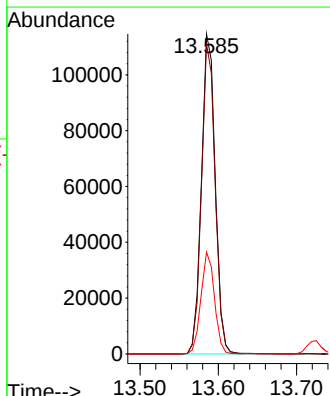
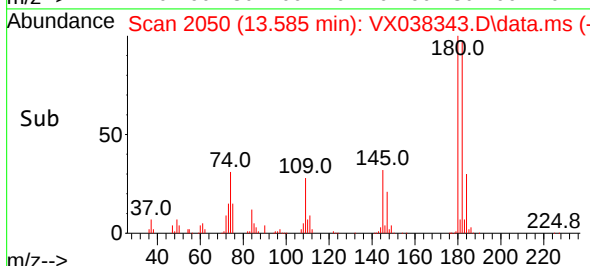
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

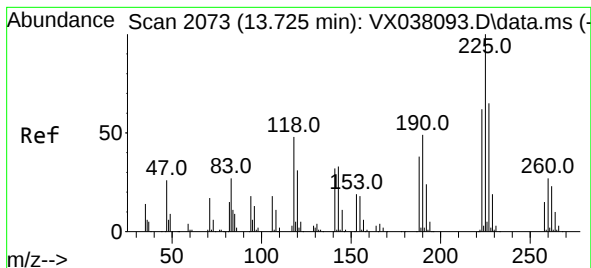


#93
 1,2,4-Trichlorobenzene
 Concen: 47.668 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX038343.D
 Acq: 17 Oct 2023 20:32



Tgt Ion:180 Resp: 140117
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.3 144.8
 145 31.3 18.0 54.0





#94

Hexachlorobutadiene

Concen: 46.640 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

GW-18-37-40MS

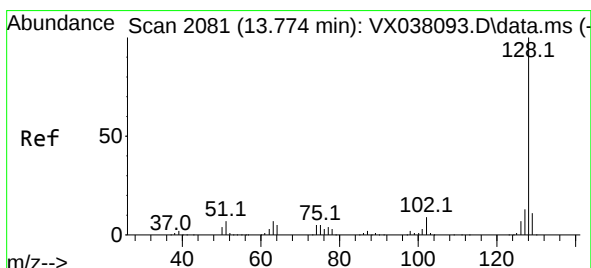
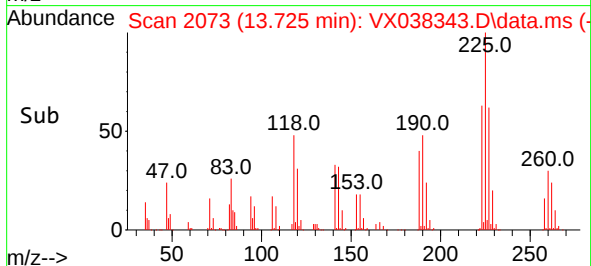
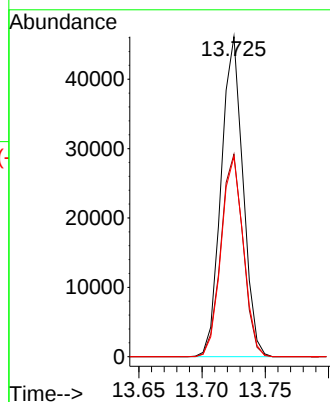
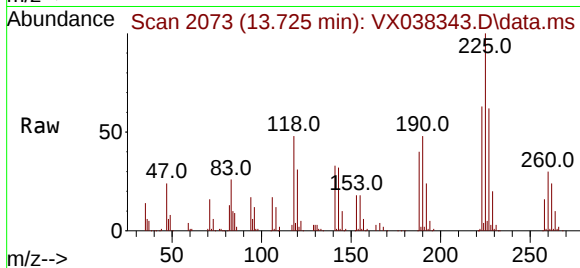
Tgt Ion:	225	Resp:	55179
Ion Ratio	Lower	Upper	
225	100		
223	64.2	31.1	93.2
227	63.4	32.5	97.5

Manual Integrations

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Supervised By :Semsettin Yesilyurt 10/20/2023



#95

Naphthalene

Concen: 48.895 ug/l

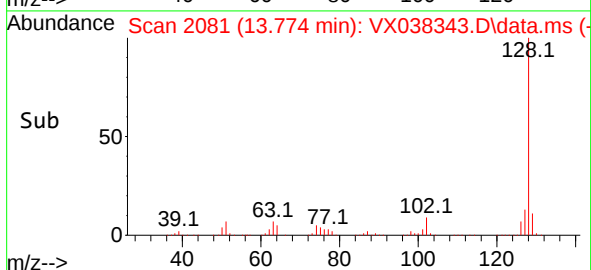
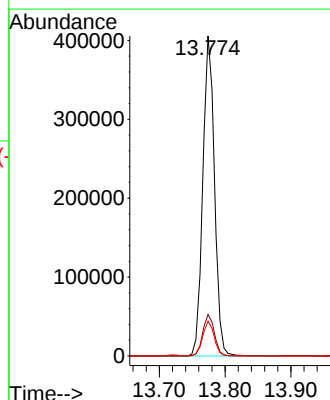
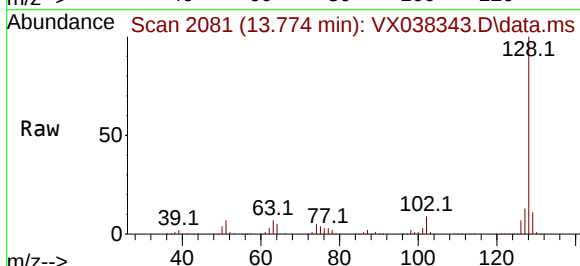
RT: 13.774 min Scan# 2081

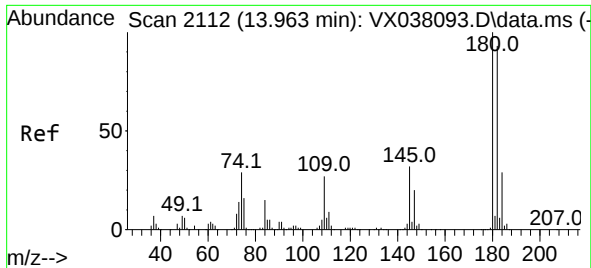
Delta R.T. -0.000 min

Lab File: VX038343.D

Acq: 17 Oct 2023 20:32

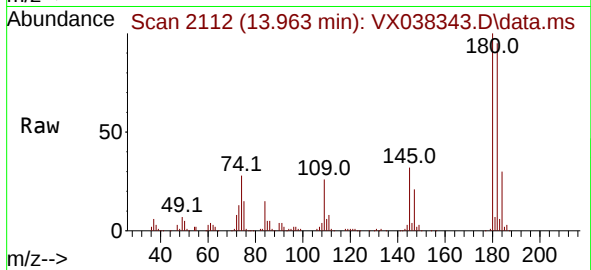
Tgt Ion:	128	Resp:	500520
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.7	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 48.203 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX038343.D
 Acq: 17 Oct 2023 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-18-37-40MS



Tgt Ion:180 Resp: 137199
 Ion Ratio Lower Upper
 180 100
 182 96.0 46.9 140.6
 145 33.4 17.8 53.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

