

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038042.D
 Acq On : 03 Oct 2023 16:33
 Operator : JC/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 04 08:45:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 08:39:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	136388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	18127	8.542	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	17.080%#		
35) Dibromofluoromethane	5.391	113	13446	8.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	16.740%#		
50) Toluene-d8	8.647	98	50053	8.138	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	16.280%#		
62) 4-Bromofluorobenzene	11.079	95	17856	7.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	15.960%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14349	10.558	ug/l	95
3) Chloromethane	1.300	50	17425	9.739	ug/l	99
4) Vinyl Chloride	1.374	62	17365	10.754	ug/l	97
5) Bromomethane	1.611	94	16935	7.976	ug/l	98
6) Chloroethane	1.691	64	12209	10.072	ug/l	91
7) Trichlorofluoromethane	1.886	101	31830	9.993	ug/l	99
8) Diethyl Ether	2.136	74	11581	9.942	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	13530	9.756	ug/l	97
10) Methyl Iodide	2.453	142	10885	7.610	ug/l	94
11) Tert butyl alcohol	2.959	59	24566	51.534	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	12520	9.695	ug/l	89
13) Acrolein	2.233	56	12337	45.241	ug/l	97
14) Allyl chloride	2.666	41	21882	9.561	ug/l	94
15) Acrylonitrile	3.062	53	48261	48.711	ug/l	98
16) Acetone	2.379	43	47450	50.914	ug/l	92
17) Carbon Disulfide	2.514	76	33359	9.133	ug/l	98
18) Methyl Acetate	2.703	43	39716	9.912	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	48596	9.744	ug/l	97
20) Methylene Chloride	2.788	84	17296	9.788	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	14737	9.498	ug/l	89
22) Diisopropyl ether	3.763	45	46158	9.651	ug/l #	97
23) Vinyl Acetate	3.727	43	167829	48.779	ug/l	96
24) 1,1-Dichloroethane	3.611	63	28366	9.772	ug/l	99
25) 2-Butanone	4.556	43	73117	49.761	ug/l	97
26) 2,2-Dichloropropane	4.477	77	22214	9.744	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	17672	9.769	ug/l	93
28) Bromochloromethane	4.903	49	13537	9.911	ug/l	93
29) Tetrahydrofuran	5.007	42	46435	49.000	ug/l	93
30) Chloroform	5.099	83	30320	9.589	ug/l	96
31) Cyclohexane	5.470	56	24954	10.056	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	24758	9.413	ug/l	98
36) 1,1-Dichloropropene	5.690	75	22338	9.432	ug/l	98
37) Ethyl Acetate	4.721	43	26206	9.852	ug/l	99
38) Carbon Tetrachloride	5.678	117	21896	9.501	ug/l	98
39) Methylcyclohexane	7.385	83	26140	9.338	ug/l	97
40) Benzene	6.043	78	63674	9.530	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	12728	9.557	ug/l #	86
42) 1,2-Dichloroethane	6.092	62	25241	9.634	ug/l	98
43) Isopropyl Acetate	6.342	43	39674	9.627	ug/l	98
44) Trichloroethene	7.129	130	16760	9.296	ug/l	95
45) 1,2-Dichloropropane	7.433	63	16488	9.694	ug/l	96
46) Dibromomethane	7.586	93	12494	9.485	ug/l	97
47) Bromodichloromethane	7.824	83	22236	9.697	ug/l	100
48) Methyl methacrylate	7.696	41	18795	9.486	ug/l	85
49) 1,4-Dioxane	7.659	88	8929	201.036	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	142496	49.769	ug/l	100
52) Toluene	8.720	92	41032	9.489	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	22269	9.219	ug/l	93
54) cis-1,3-Dichloropropene	8.372	75	24096	9.375	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	17292	9.847	ug/l	96
56) Ethyl methacrylate	9.116	69	24923	9.443	ug/l	95
57) 1,3-Dichloropropane	9.311	76	28790	9.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	63486	47.065	ug/l	98
59) 2-Hexanone	9.433	43	113702	49.642	ug/l	98
60) Dibromochloromethane	9.525	129	15602	9.233	ug/l	98
61) 1,2-Dibromoethane	9.610	107	18524	9.730	ug/l	97
64) Tetrachloroethene	9.275	164	13482	9.324	ug/l	95
65) Chlorobenzene	10.079	112	44649	9.788	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	14283	9.390	ug/l	96
67) Ethyl Benzene	10.195	91	80301	9.786	ug/l	99
68) m/p-Xylenes	10.305	106	60953	19.396	ug/l	98
69) o-Xylene	10.640	106	28790	9.647	ug/l	97
70) Styrene	10.658	104	47414	9.619	ug/l	98
71) Bromoform	10.799	173	10732	9.281	ug/l #	97
73) Isopropylbenzene	10.963	105	76198	9.713	ug/l	98
74) N-amyl acetate	10.841	43	34411	9.747	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	28918	9.849	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	25659m	9.055	ug/l	
77) Bromobenzene	11.201	156	18321	9.526	ug/l	96
78) n-propylbenzene	11.305	91	92587	9.605	ug/l	99
79) 2-Chlorotoluene	11.366	91	53140	9.494	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	64107	9.602	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6745	8.507	ug/l	92
82) 4-Chlorotoluene	11.457	91	63555	9.421	ug/l	97
83) tert-Butylbenzene	11.713	119	63174	9.518	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	64397	9.563	ug/l	97
85) sec-Butylbenzene	11.890	105	82653	9.602	ug/l	100
86) p-Isopropyltoluene	12.012	119	67235	9.538	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	35622	9.237	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	37250	9.398	ug/l	98
89) n-Butylbenzene	12.335	91	65252	9.275	ug/l	97
90) Hexachloroethane	12.536	117	10602	9.228	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	34163	9.309	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6189	9.262	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	23154	9.095	ug/l	95
94) Hexachlorobutadiene	13.725	225	9806	9.027	ug/l	98
95) Naphthalene	13.774	128	80978	9.436	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23149	9.403	ug/l	96

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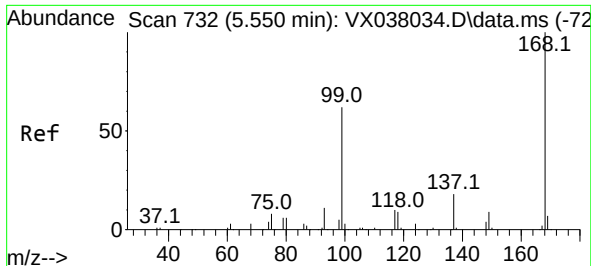
Manual Integrations
APPROVED

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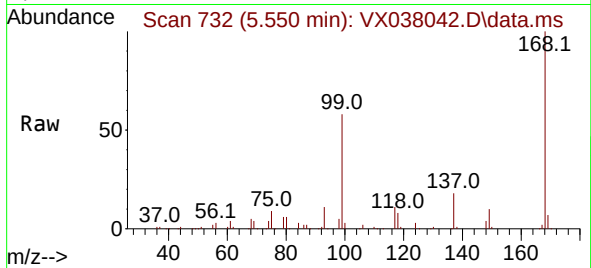
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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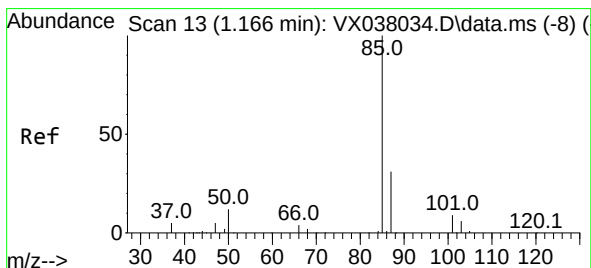
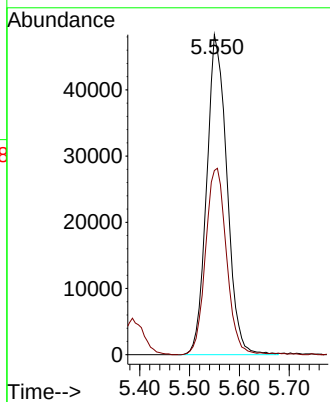
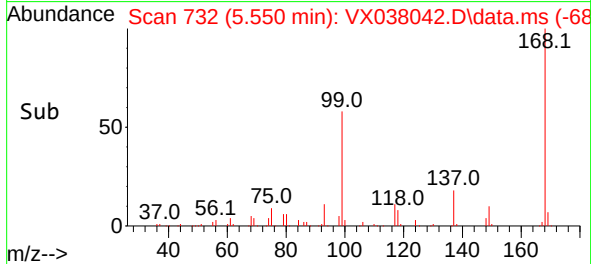
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 13638
Ion Ratio Lower Upper
168 100
99 57.6 56.6 85.0

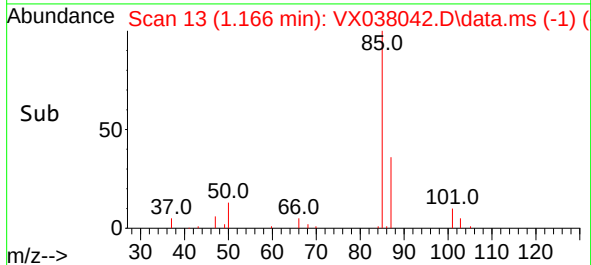
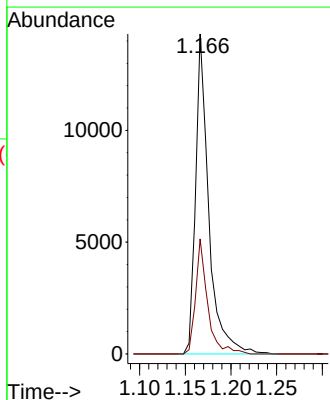
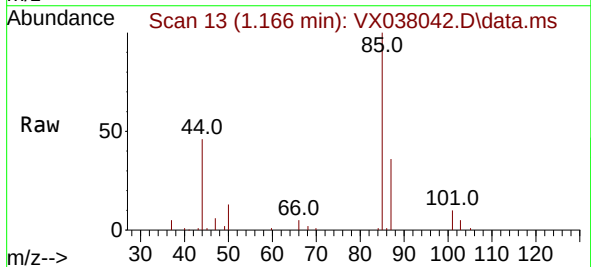
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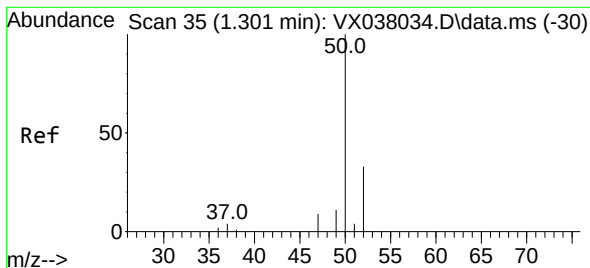
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#2
Dichlorodifluoromethane
Concen: 10.558 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion: 85 Resp: 14349
Ion Ratio Lower Upper
85 100
87 36.0 16.7 50.1





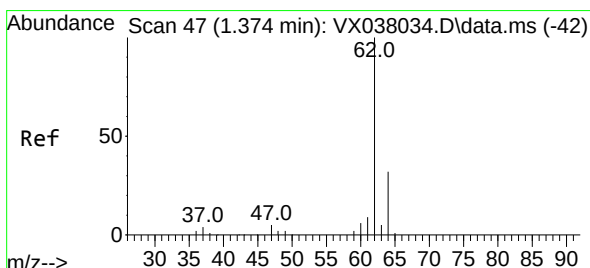
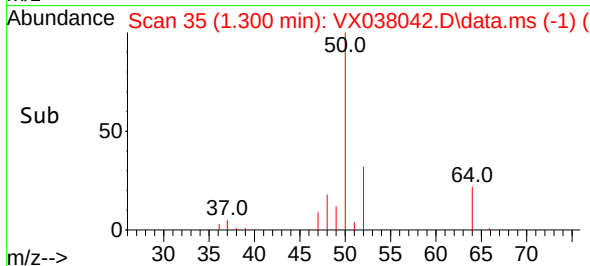
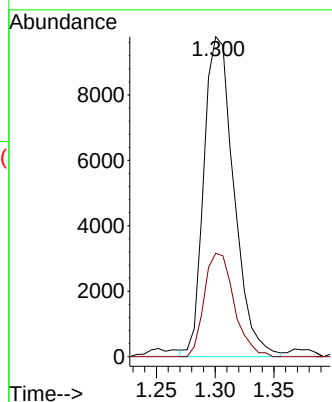
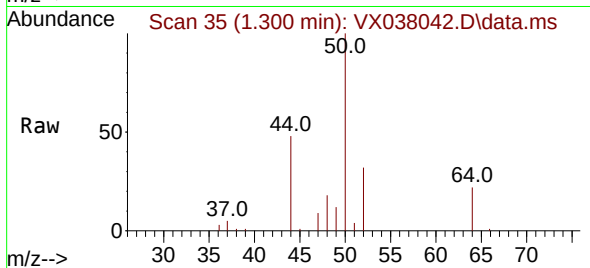
#3
Chloromethane
Concen: 9.739 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038042.D
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MSVOA_X
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Tgt Ion: 50 Resp: 17425
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

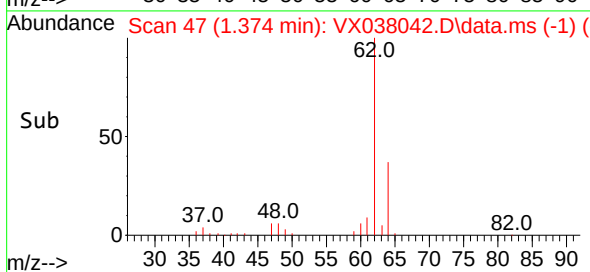
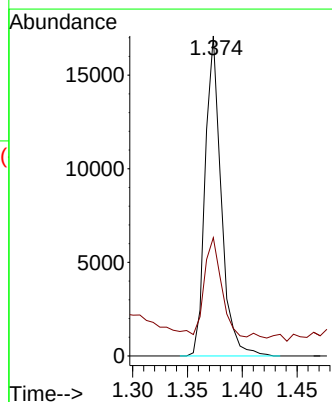
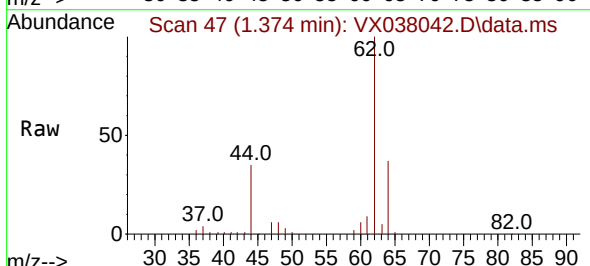
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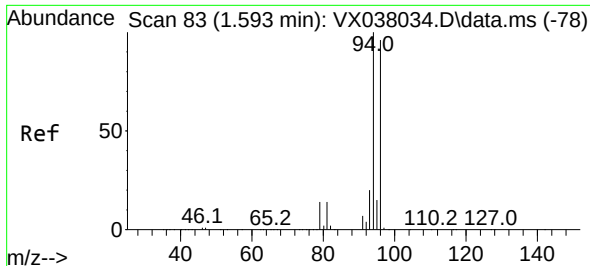
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#4
Vinyl Chloride
Concen: 10.754 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion: 62 Resp: 17365
Ion Ratio Lower Upper
62 100
64 30.2 25.4 38.0





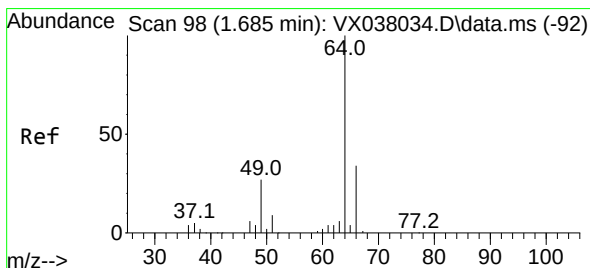
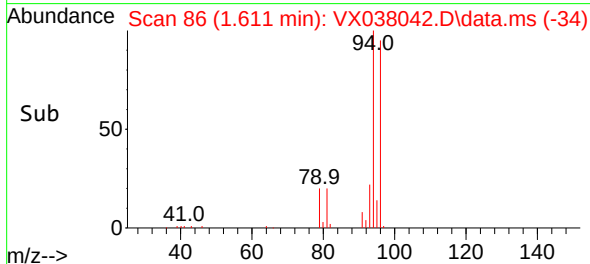
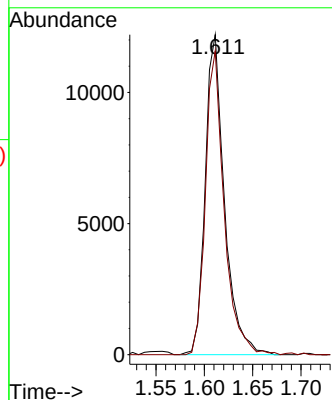
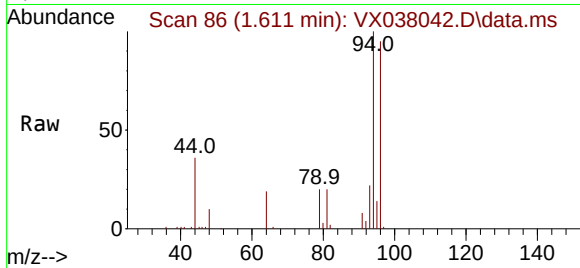
#5
Bromomethane
Concen: 7.976 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :
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ClientSampleId :
VSTDIC010

Tgt Ion: 94 Resp: 1693
Ion Ratio Lower Upper
94 100
96 95.0 74.6 111.8

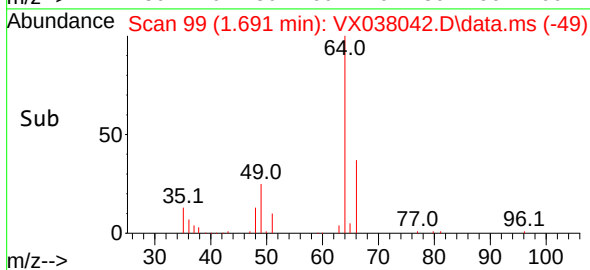
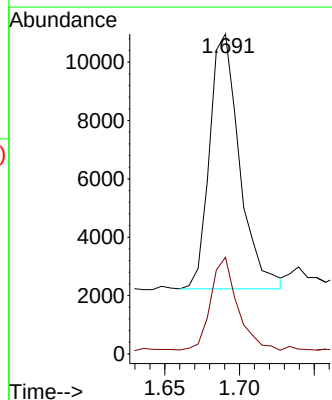
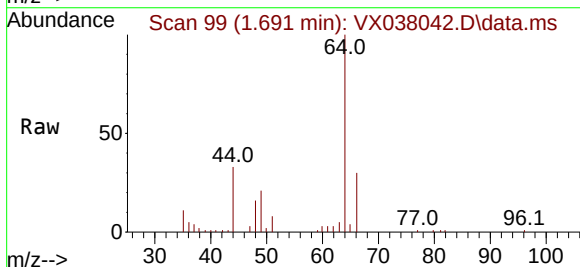
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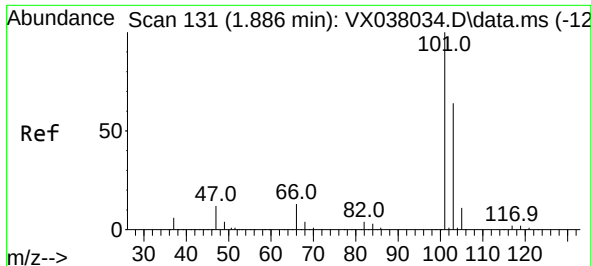
Reviewed By :John Carlone 10/04/2023
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#6
Chloroethane
Concen: 10.072 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

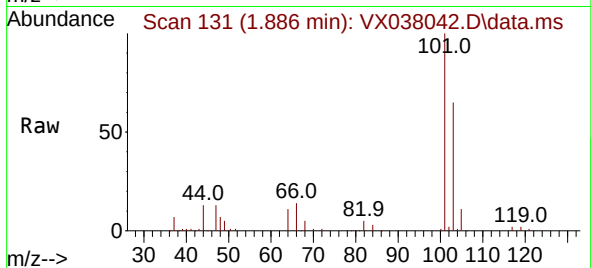
Tgt Ion: 64 Resp: 12209
Ion Ratio Lower Upper
64 100
66 36.4 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 9.993 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038042.D
 Acq: 03 Oct 2023 16:33

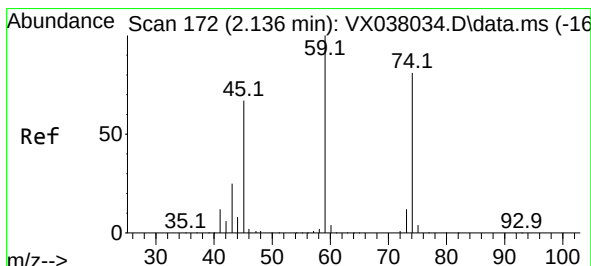
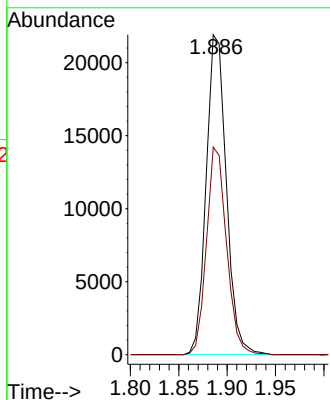
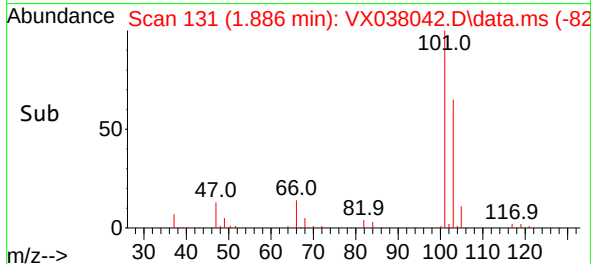
Instrument :
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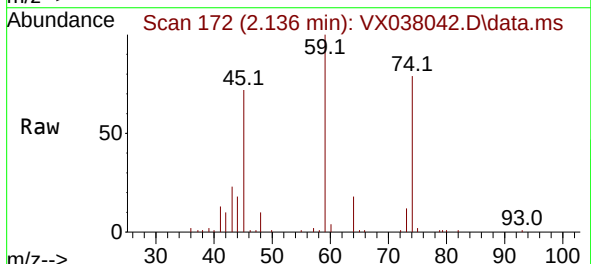
Tgt Ion:101 Resp: 31830
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.2

Manual Integrations
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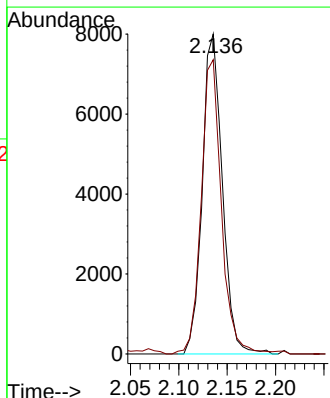
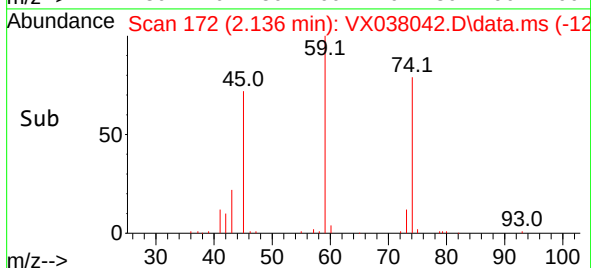
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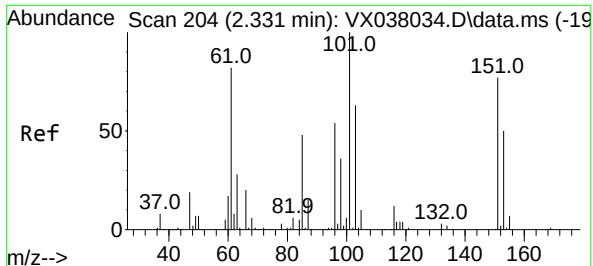


#8
 Diethyl Ether
 Concen: 9.942 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 11581
 Ion Ratio Lower Upper
 74 100
 45 92.9 53.3 159.8





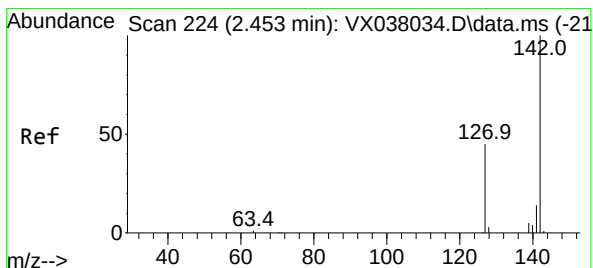
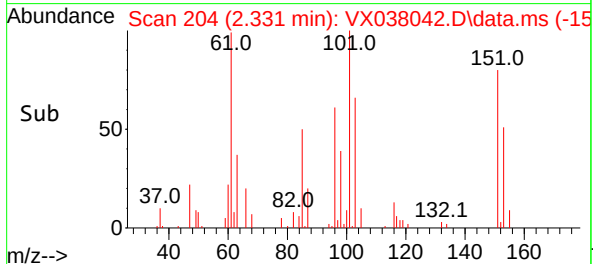
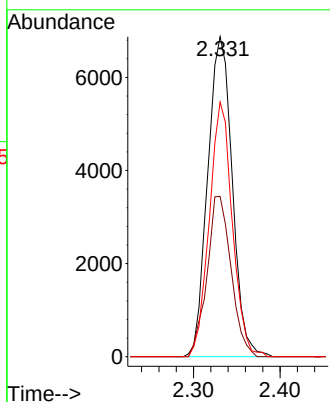
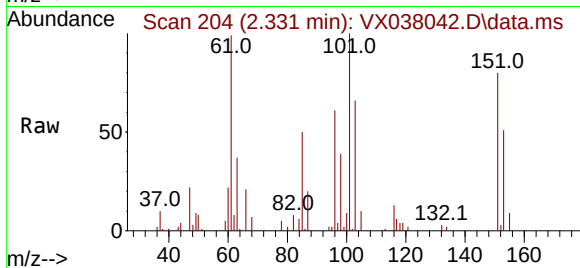
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.756 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 13530
Ion Ratio Lower Upper
101 100
85 49.1 37.0 55.6
151 74.7 58.6 87.8

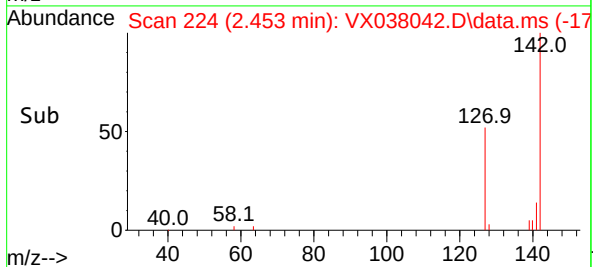
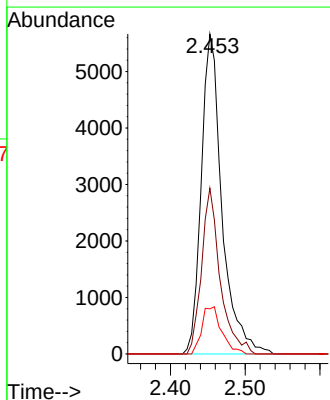
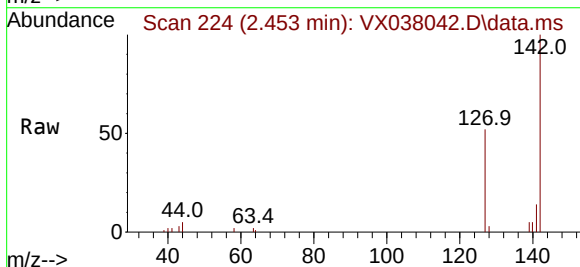
Manual Integrations
APPROVED

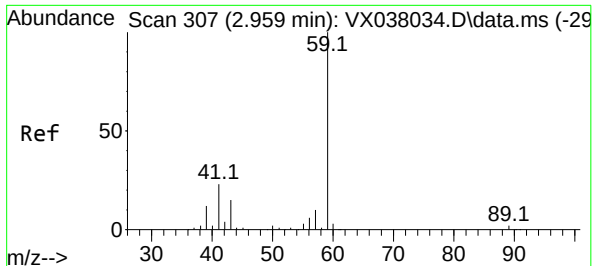
Reviewed By :John Carbone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#10
Methyl Iodide
Concen: 7.610 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

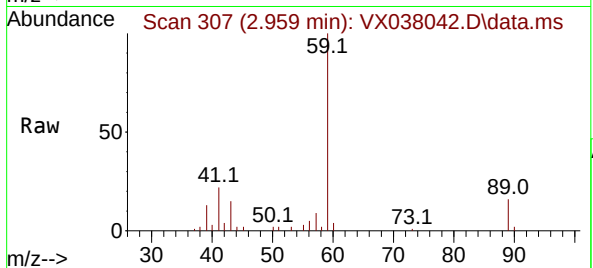
Tgt Ion:142 Resp: 10885
Ion Ratio Lower Upper
142 100
127 46.6 41.6 62.4
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 51.534 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

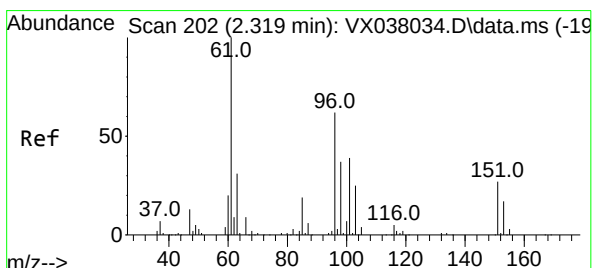
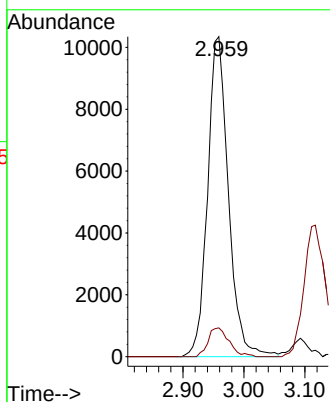
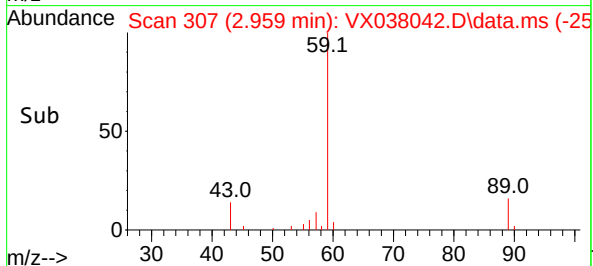
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



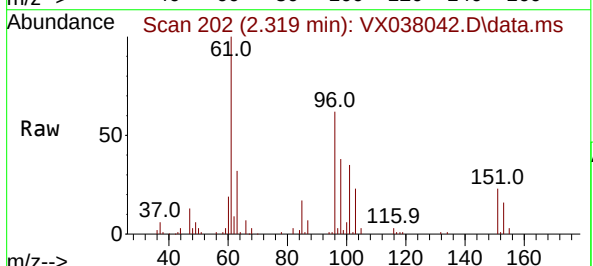
Tgt Ion: 59 Resp: 2456
Ion Ratio Lower Upper
59 100
57 9.1 6.0 9.0

Manual Integrations
APPROVED

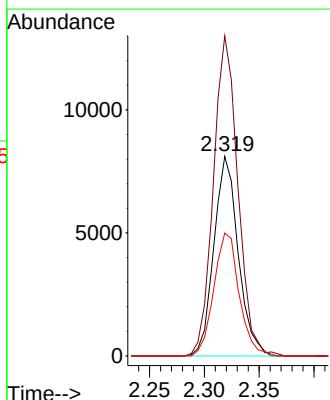
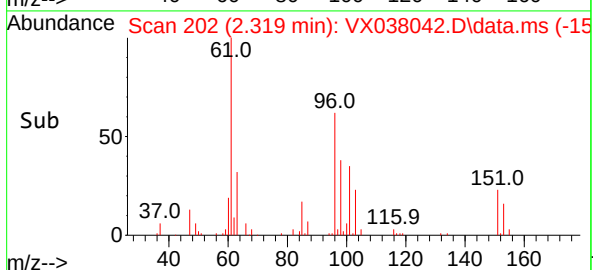
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

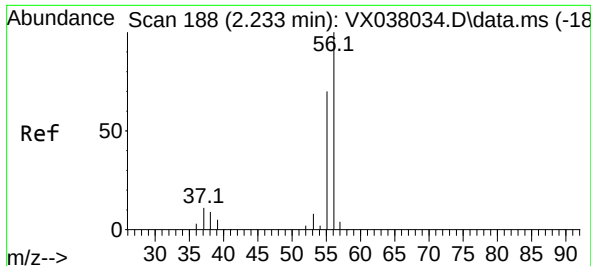


#12
1,1-Dichloroethene
Concen: 9.695 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33



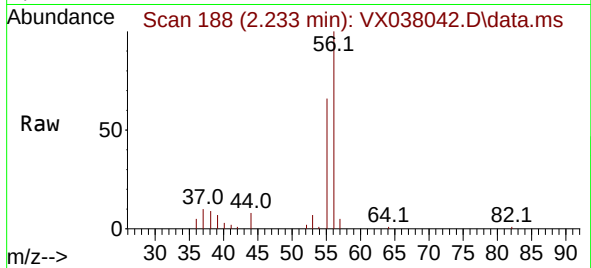
Tgt Ion: 96 Resp: 12520
Ion Ratio Lower Upper
96 100
61 160.3 144.6 216.8
98 61.6 50.4 75.6





#13
Acrolein
Concen: 45.241 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

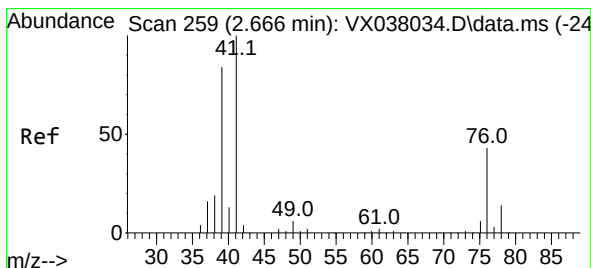
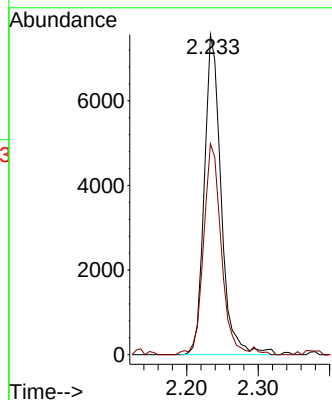
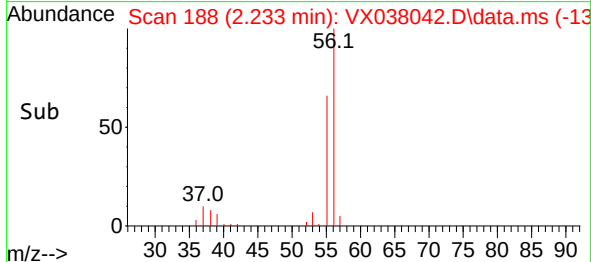
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 1233
Ion Ratio Lower Upper
56 100
55 68.9 57.1 85.7

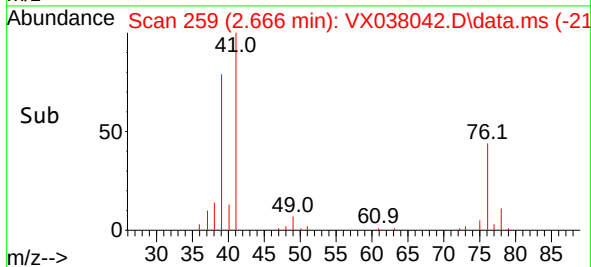
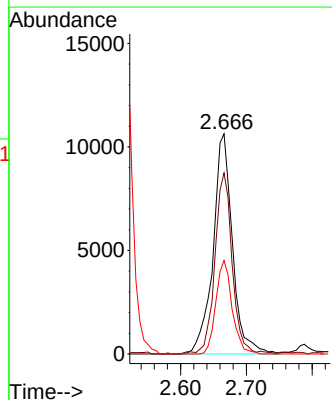
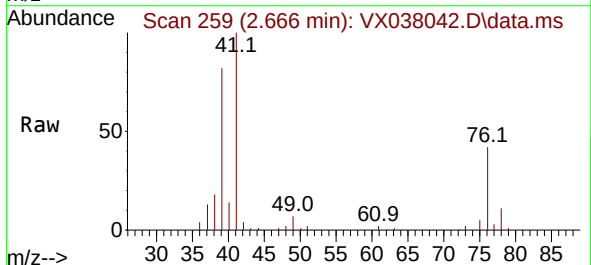
Manual Integrations
APPROVED

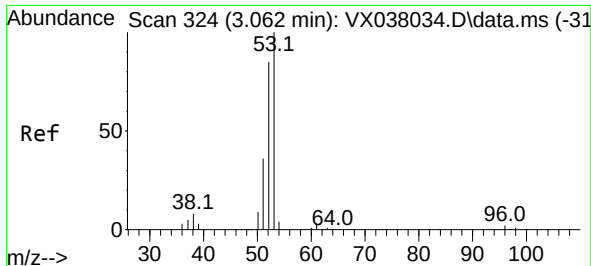
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#14
Allyl chloride
Concen: 9.561 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

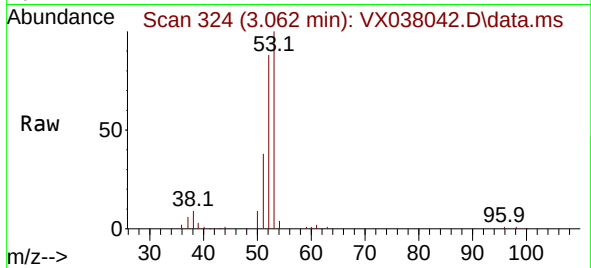
Tgt Ion: 41 Resp: 21882
Ion Ratio Lower Upper
41 100
39 73.3 55.8 83.6
76 35.5 24.3 36.5





#15
Acrylonitrile
Concen: 48.711 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

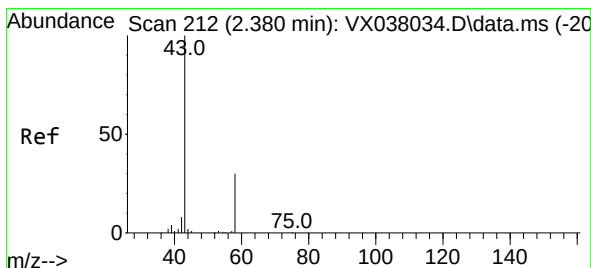
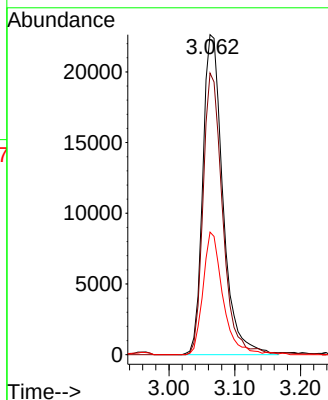
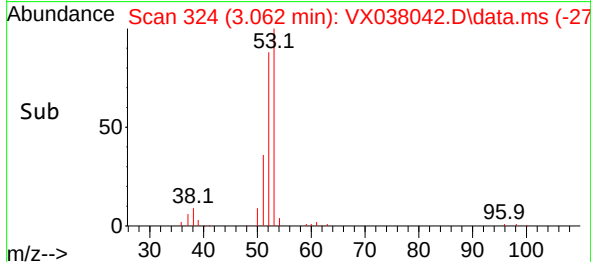
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 4826
Ion Ratio Lower Upper
53 100
52 84.9 66.0 99.0
51 37.5 29.8 44.6

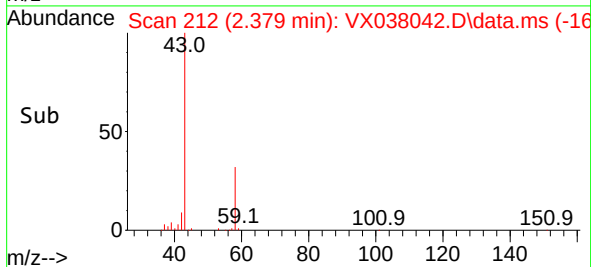
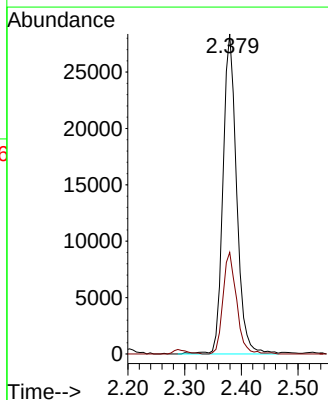
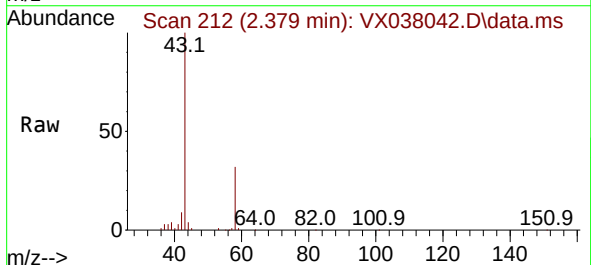
Manual Integrations
APPROVED

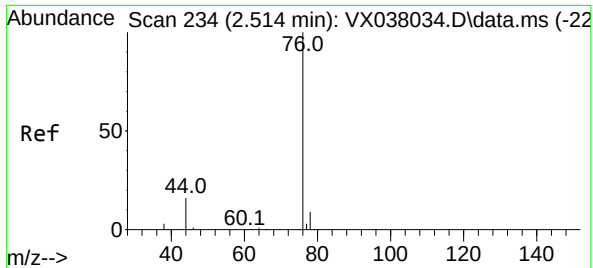
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#16
Acetone
Concen: 50.914 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion: 43 Resp: 47450
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9





#17

Carbon Disulfide

Concen: 9.133 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 3335

Ion Ratio Lower Upper

76 100

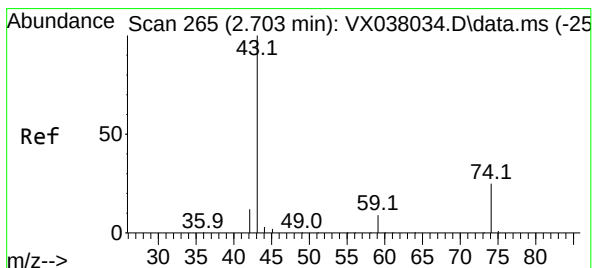
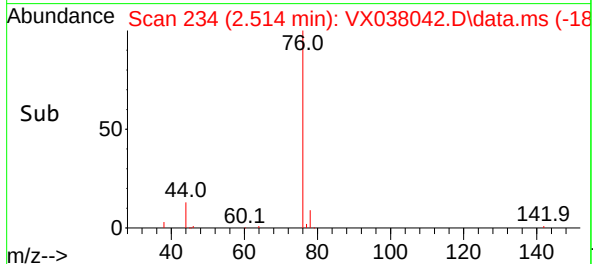
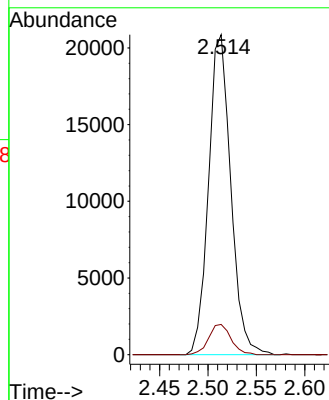
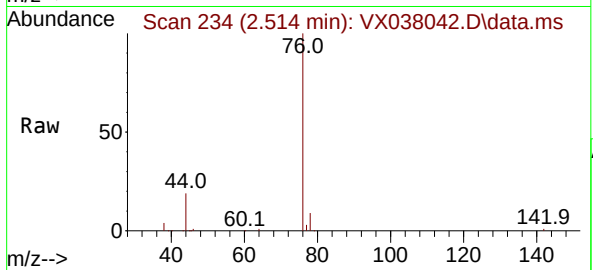
78 9.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#18

Methyl Acetate

Concen: 9.912 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX038042.D

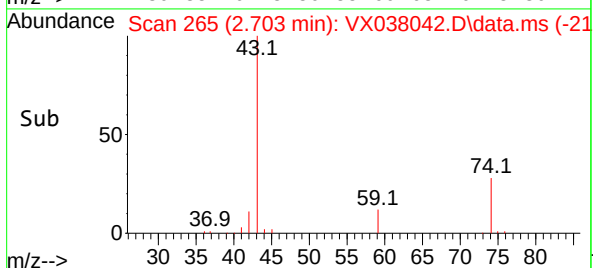
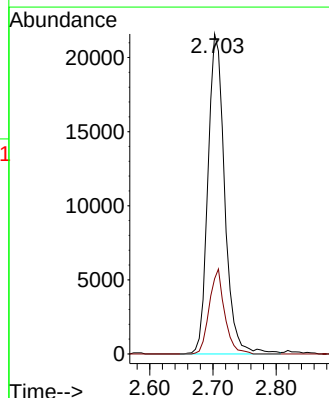
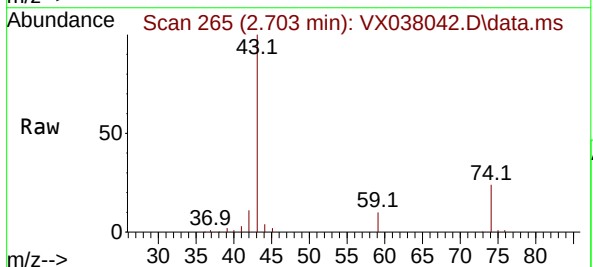
Acq: 03 Oct 2023 16:33

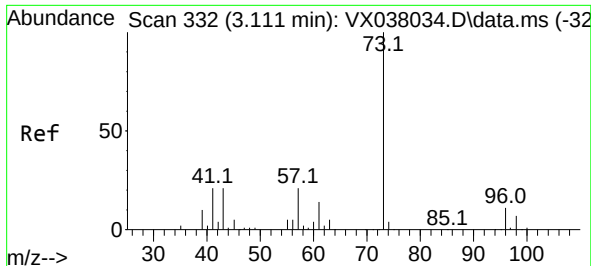
Tgt Ion: 43 Resp: 39716

Ion Ratio Lower Upper

43 100

74 24.3 17.8 26.8





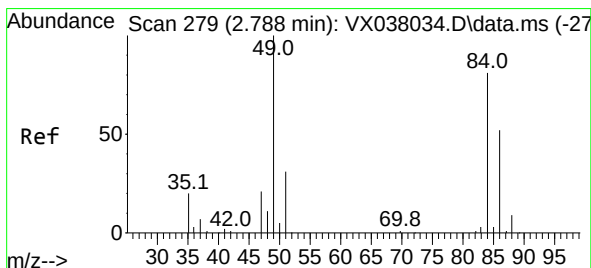
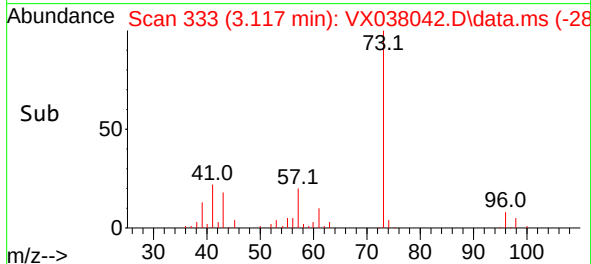
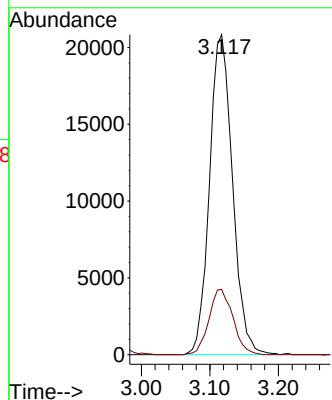
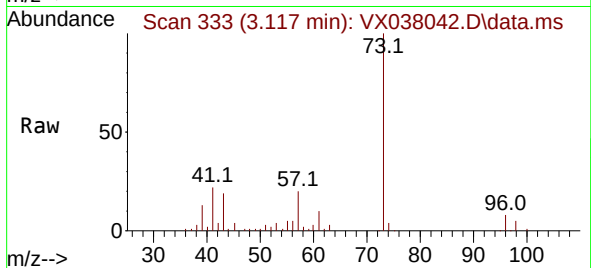
#19
Methyl tert-butyl Ether
Concen: 9.744 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 48590
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9

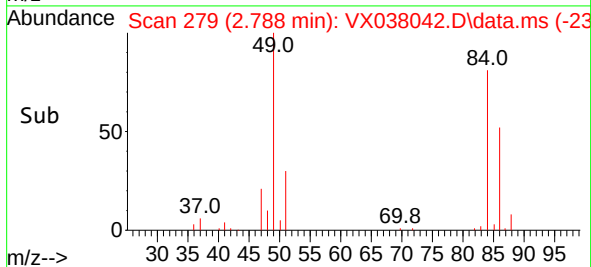
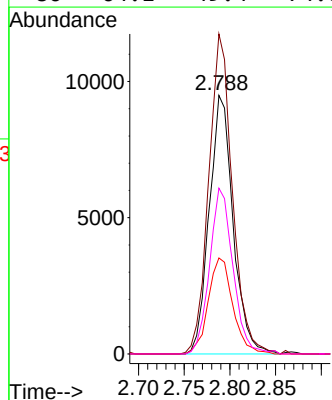
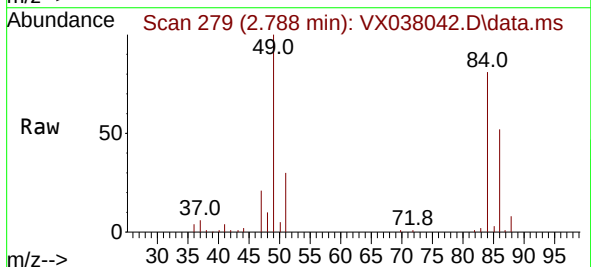
Manual Integrations
APPROVED

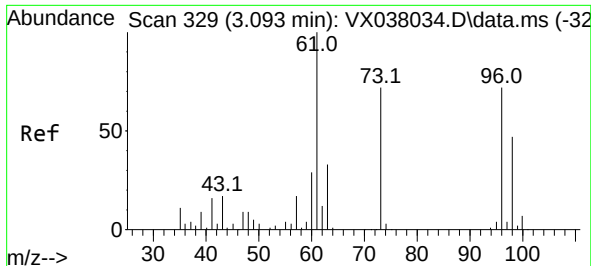
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#20
Methylene Chloride
Concen: 9.788 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

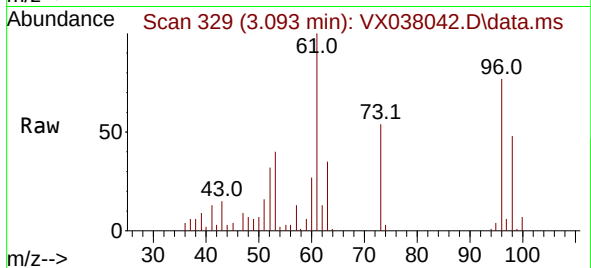
Tgt Ion: 84 Resp: 17296
Ion Ratio Lower Upper
84 100
49 123.7 103.6 155.4
51 37.1 33.8 50.6
86 64.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 9.498 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

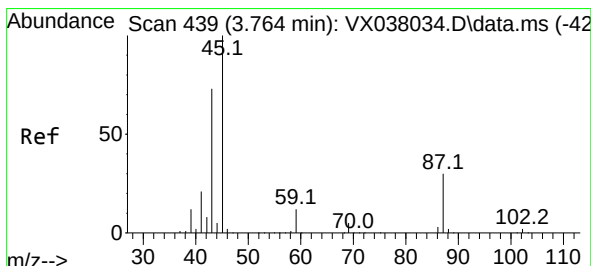
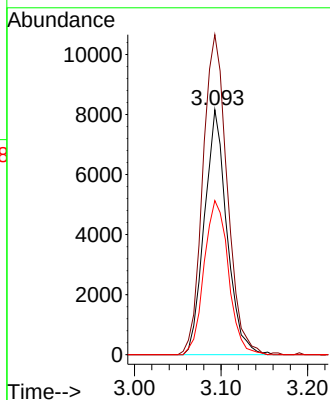
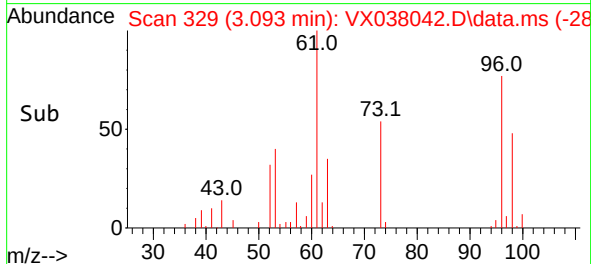
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



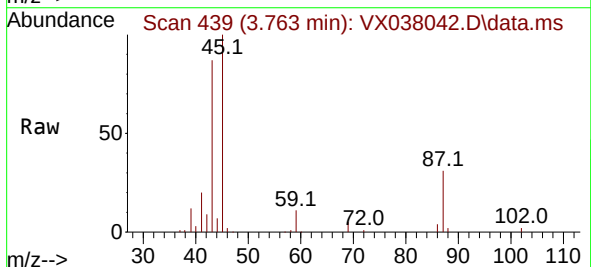
Tgt Ion: 96 Resp: 1473
Ion Ratio Lower Upper
96 100
61 130.6 119.2 178.8
98 62.9 48.7 73.1

Manual Integrations
APPROVED

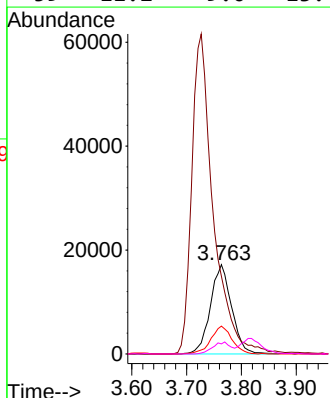
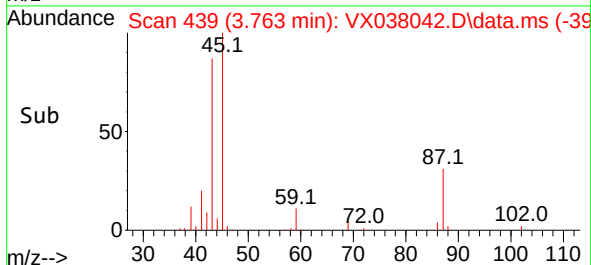
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

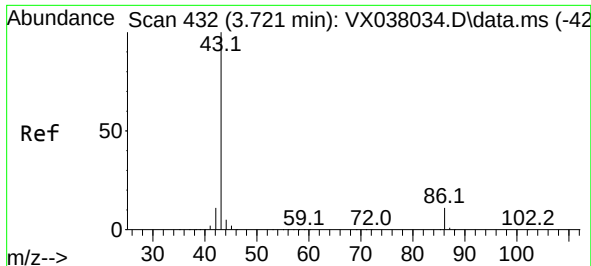


#22
Diisopropyl ether
Concen: 9.651 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33



Tgt Ion: 45 Resp: 46158
Ion Ratio Lower Upper
45 100
43 85.4 69.7 104.5
87 31.3 20.8 31.2#
59 11.2 9.0 13.4





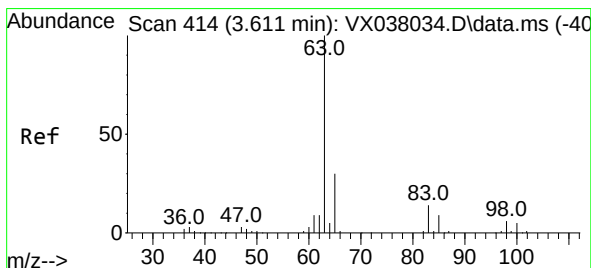
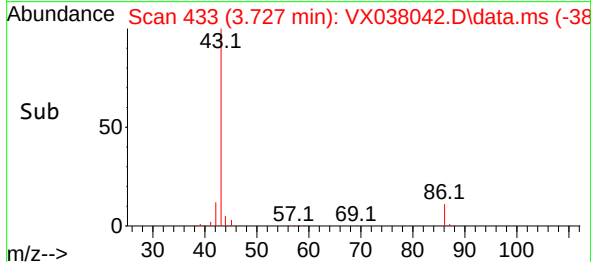
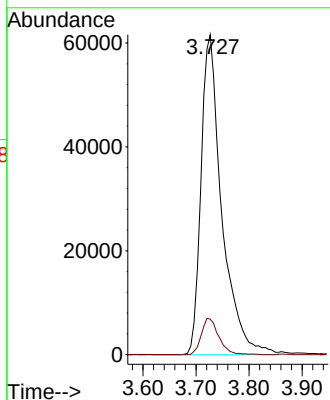
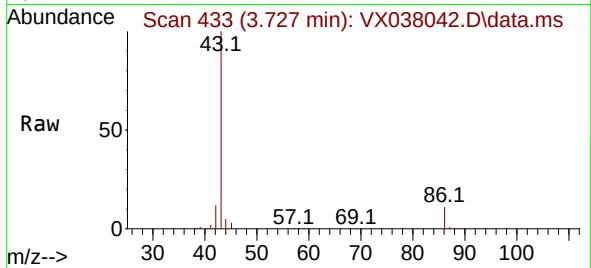
#23
 Vinyl Acetate
 Concen: 48.779 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX038042.D
 Acq: 03 Oct 2023 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 167829
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8

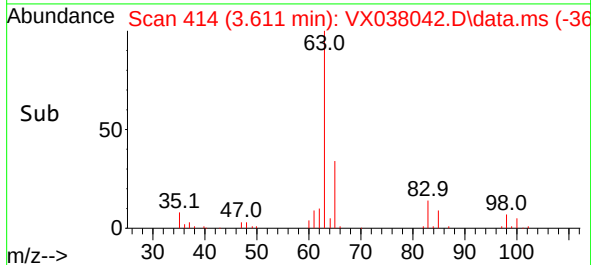
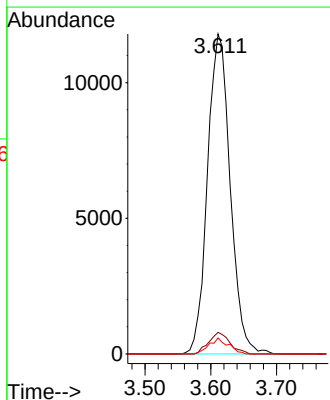
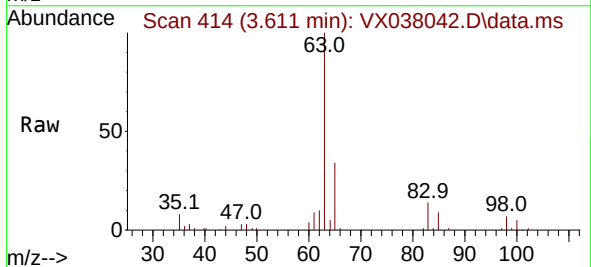
Manual Integrations
 APPROVED

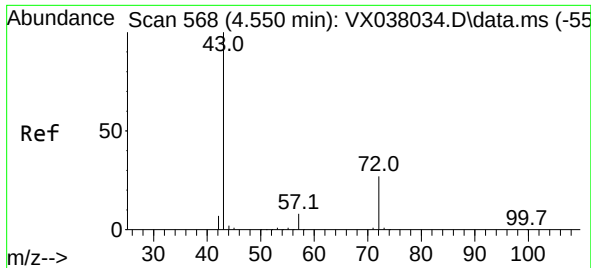
Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023



#24
 1,1-Dichloroethane
 Concen: 9.772 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX038042.D
 Acq: 03 Oct 2023 16:33

Tgt Ion: 63 Resp: 28366
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 5.0 2.1 6.5





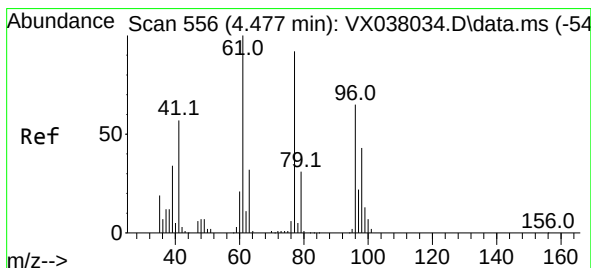
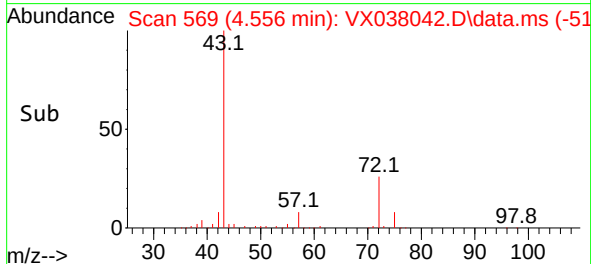
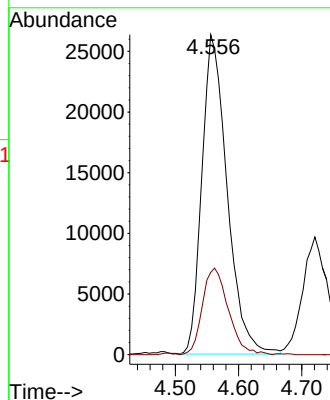
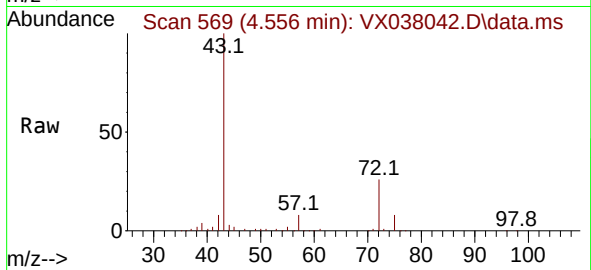
#25
2-Butanone
Concen: 49.761 ug/l
RT: 4.556 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 7311
Ion Ratio Lower Upper
43 100
72 25.8 19.4 29.2

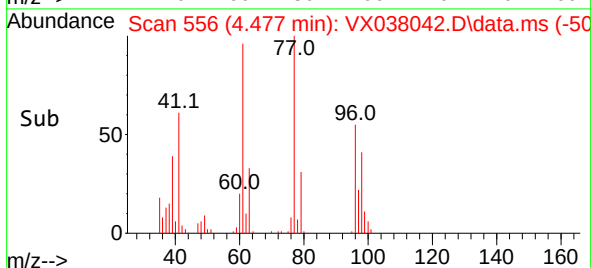
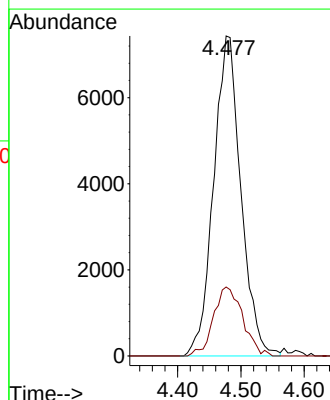
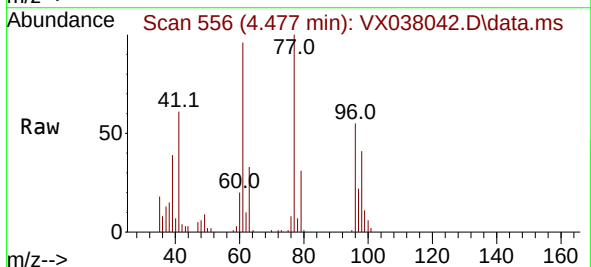
Manual Integrations
APPROVED

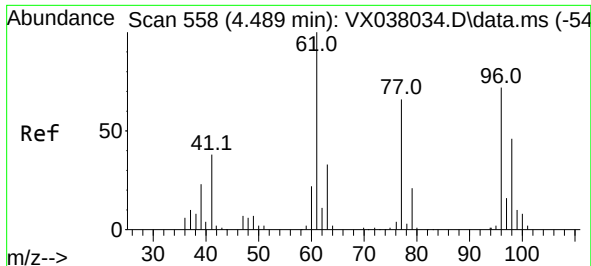
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#26
2,2-Dichloropropane
Concen: 9.744 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion: 77 Resp: 22214
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 9.769 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 96 Resp: 17672

Ion Ratio Lower Upper

96 100

61 143.7 0.0 312.2

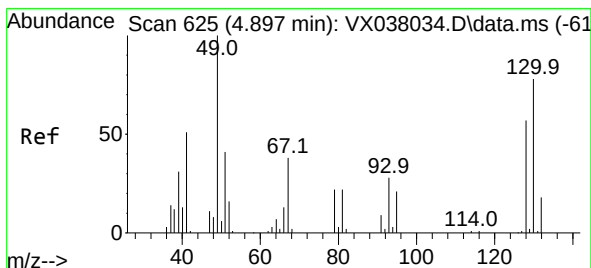
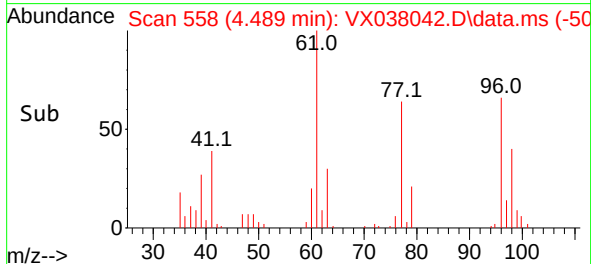
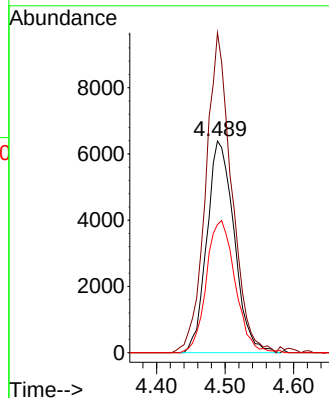
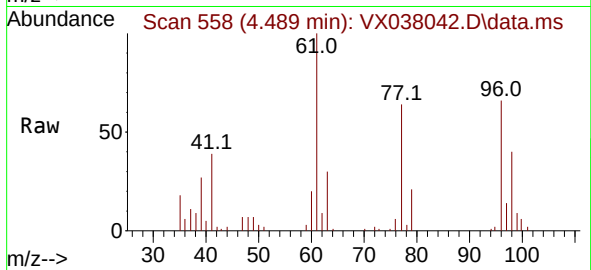
98 65.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#28

Bromochloromethane

Concen: 9.911 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

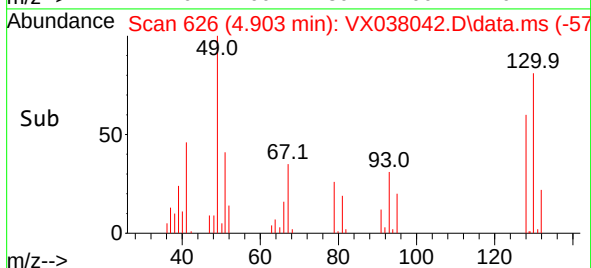
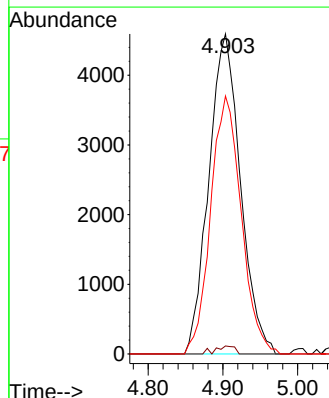
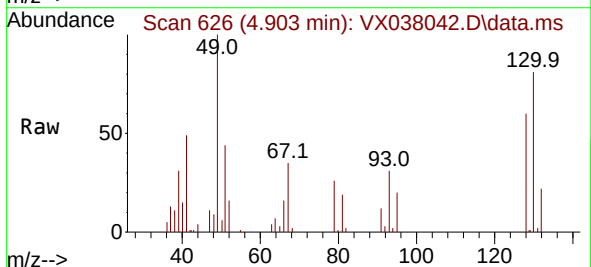
Tgt Ion: 49 Resp: 13537

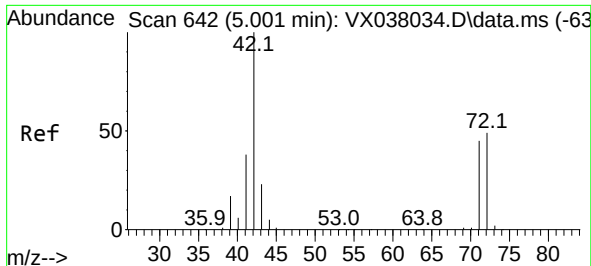
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

130 77.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 49.000 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 42 Resp: 4643

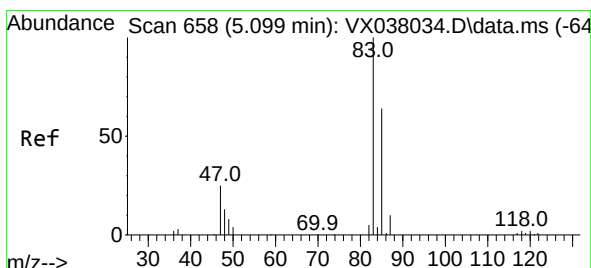
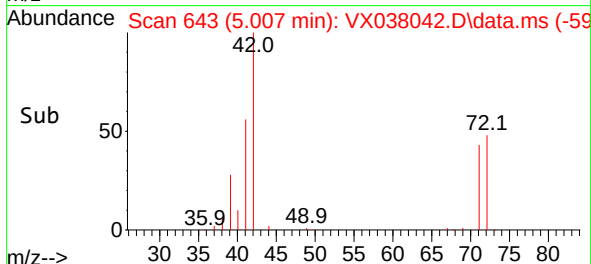
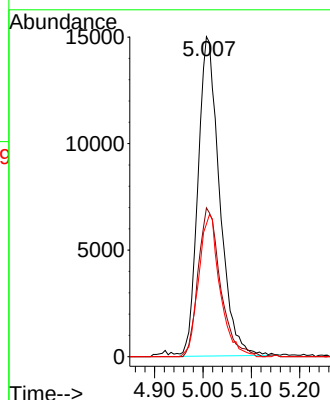
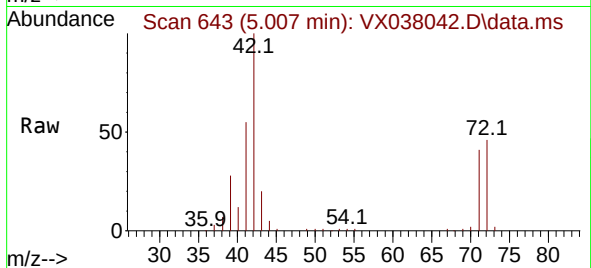
Ion	Ratio	Lower	Upper
42	100		
72	48.1	34.2	51.4
71	44.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#30

Chloroform

Concen: 9.589 ug/l

RT: 5.099 min Scan# 658

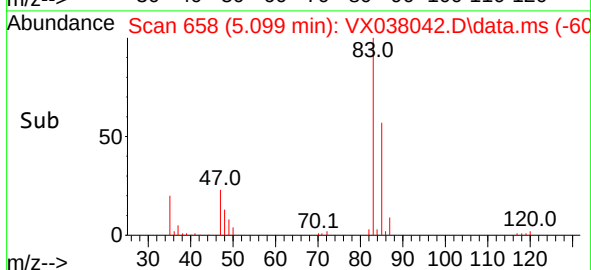
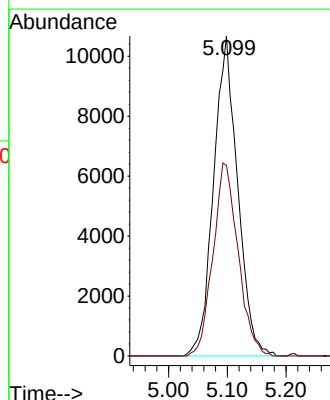
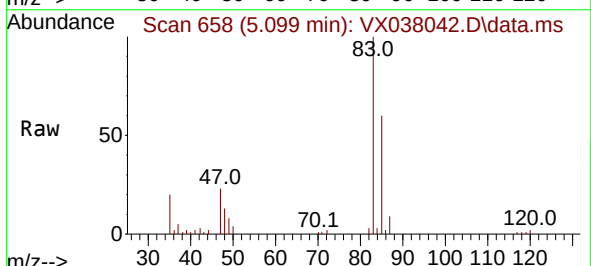
Delta R.T. -0.000 min

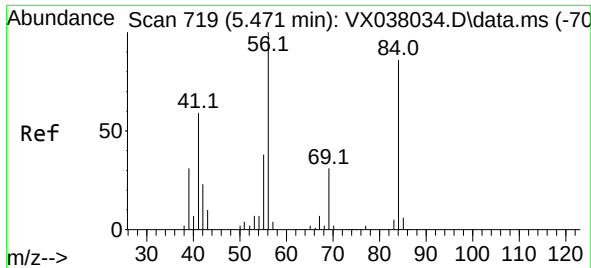
Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Tgt Ion: 83 Resp: 30320

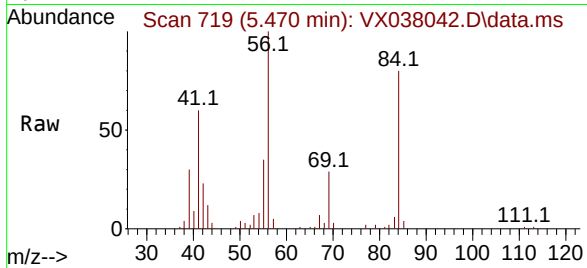
Ion	Ratio	Lower	Upper
83	100		
85	59.5	50.3	75.5





#31
Cyclohexane
Concen: 10.056 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

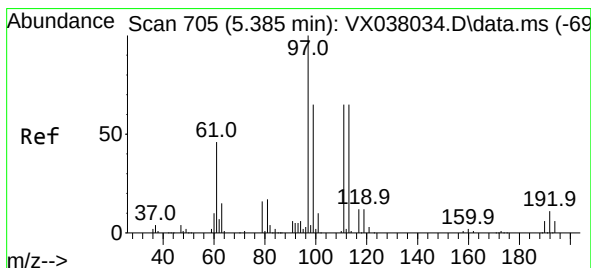
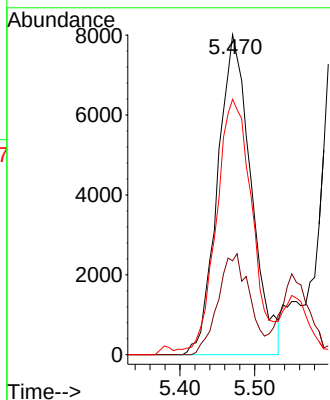
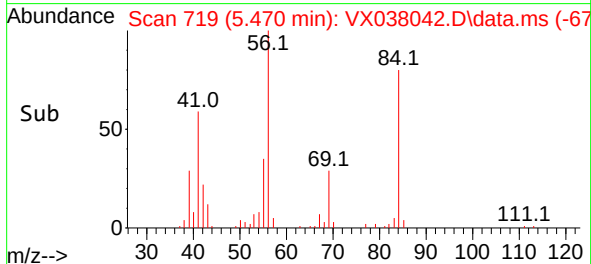
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



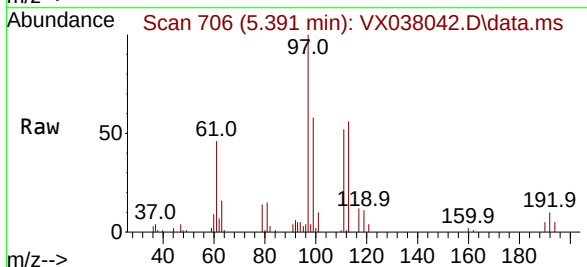
Tgt Ion: 56 Resp: 24954
Ion Ratio Lower Upper
56 100
69 29.4 23.4 35.2
84 78.1 65.9 98.9

Manual Integrations
APPROVED

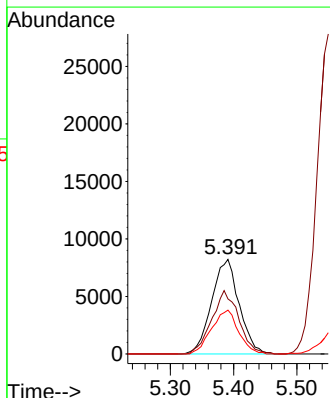
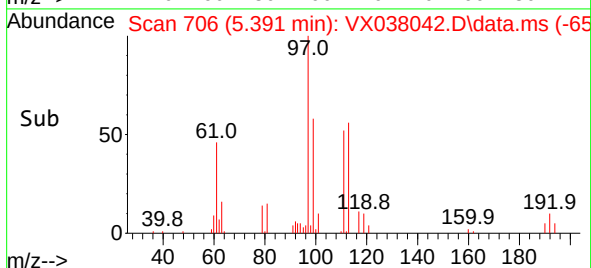
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

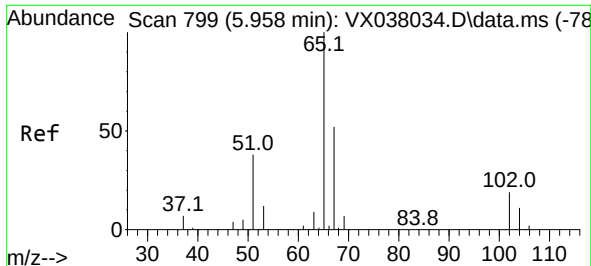


#32
1,1,1-Trichloroethane
Concen: 9.413 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33



Tgt Ion: 97 Resp: 24758
Ion Ratio Lower Upper
97 100
99 66.1 51.1 76.7
61 45.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 8.542 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 1812

Ion Ratio Lower Upper

65 100

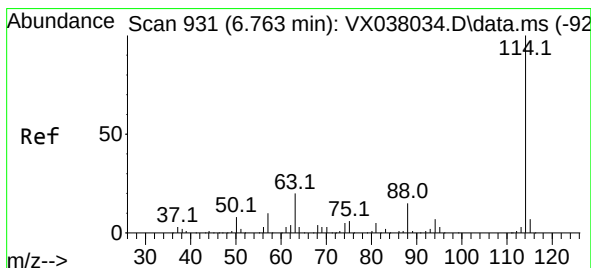
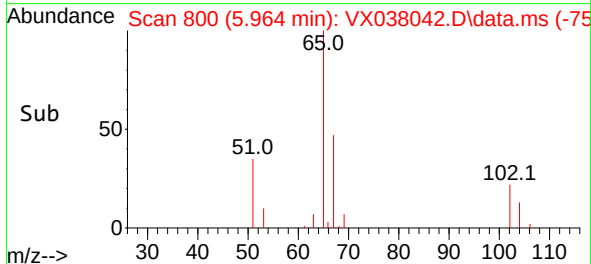
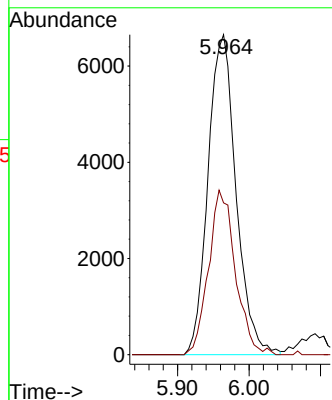
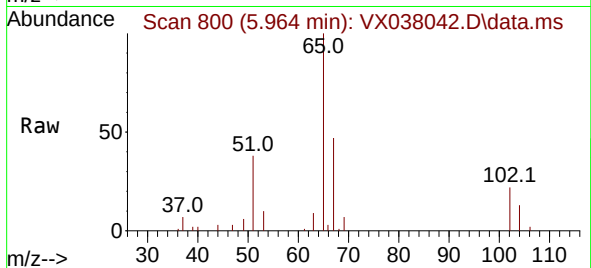
67 49.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

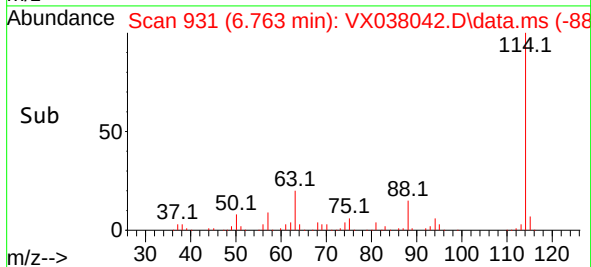
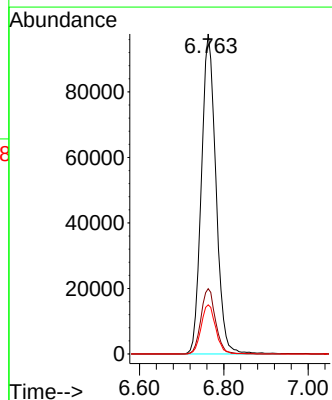
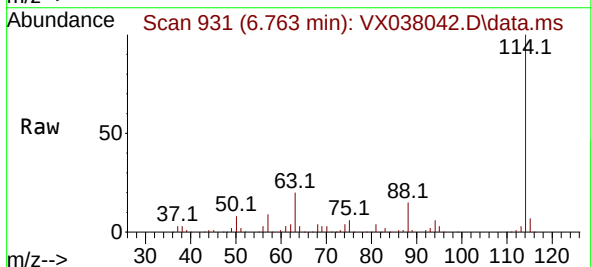
Tgt Ion:114 Resp: 234259

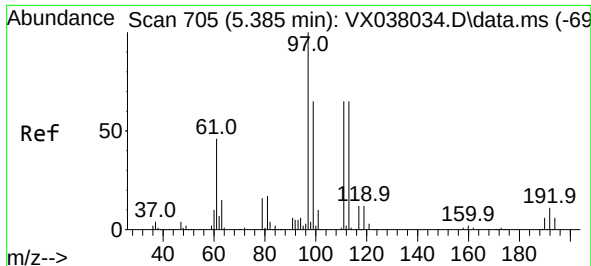
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 8.367 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 113 Resp: 1344

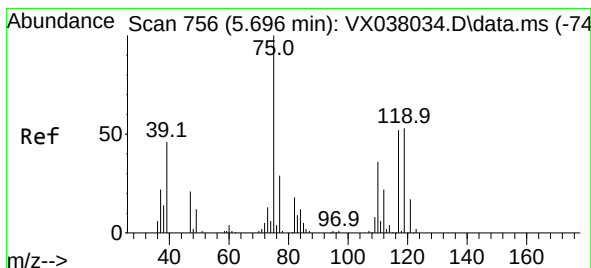
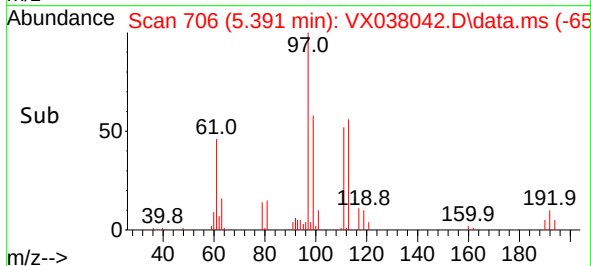
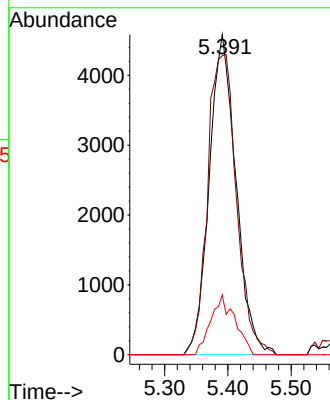
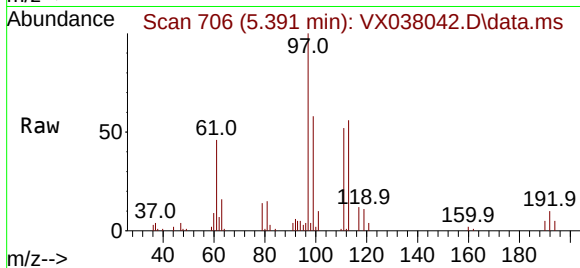
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.9	124.3
192	16.9	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#36

1,1-Dichloropropene

Concen: 9.432 ug/l

RT: 5.690 min Scan# 755

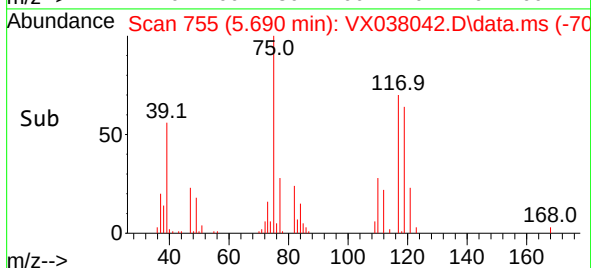
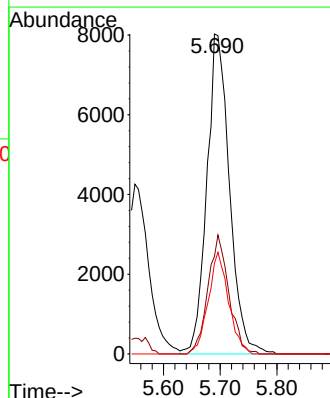
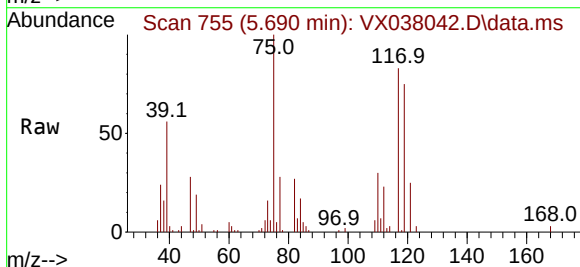
Delta R.T. -0.006 min

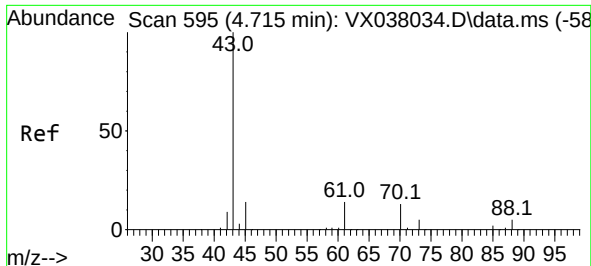
Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Tgt Ion: 75 Resp: 22338

Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.0	50.9
77	28.5	24.7	37.1





#37

Ethyl Acetate

Concen: 9.852 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

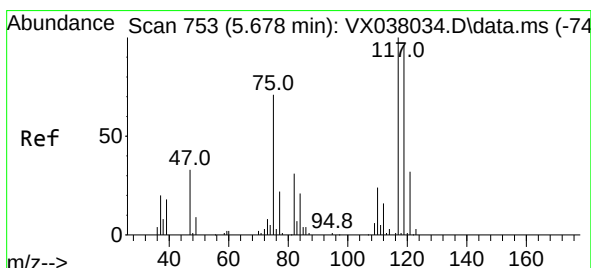
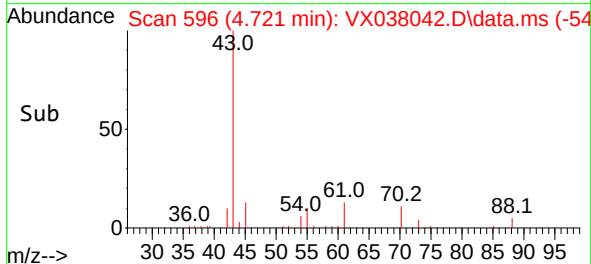
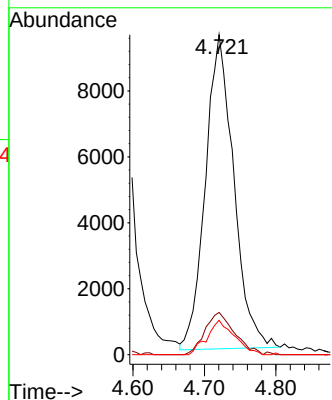
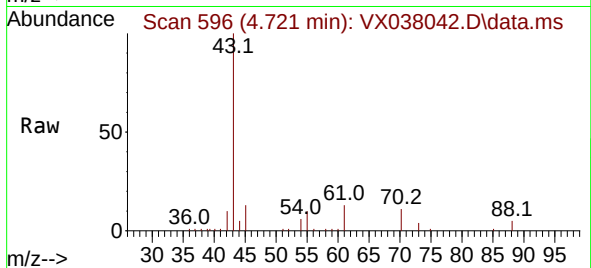
Tgt Ion: 43	Resp: 26200
Ion Ratio	Lower Upper
43 100	
61 14.0	10.6 16.0
70 10.6	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#38

Carbon Tetrachloride

Concen: 9.501 ug/l

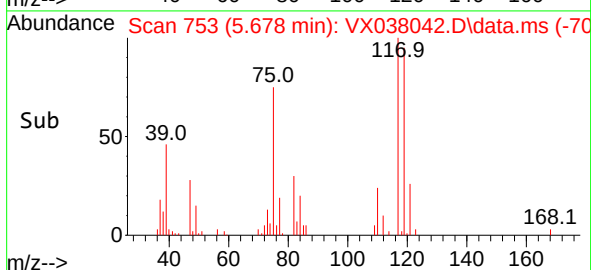
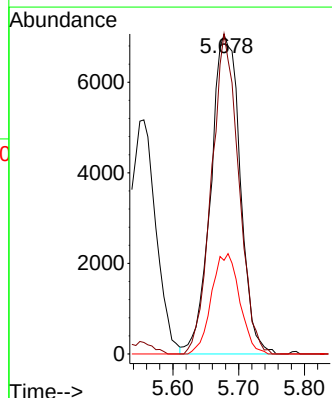
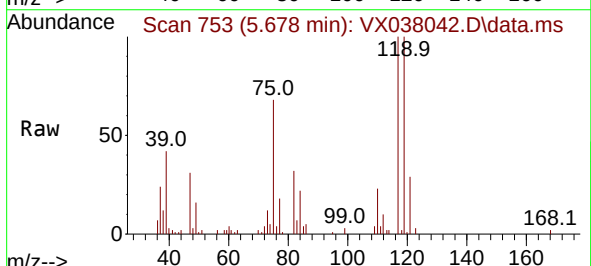
RT: 5.678 min Scan# 753

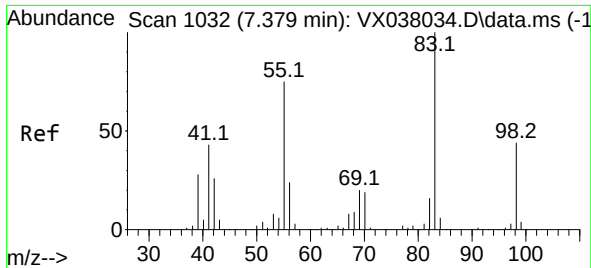
Delta R.T. -0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Tgt Ion: 117	Resp: 21896
Ion Ratio	Lower Upper
117 100	
119 100.2	78.2 117.2
121 29.3	24.4 36.6





#39
Methylcyclohexane
Concen: 9.338 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

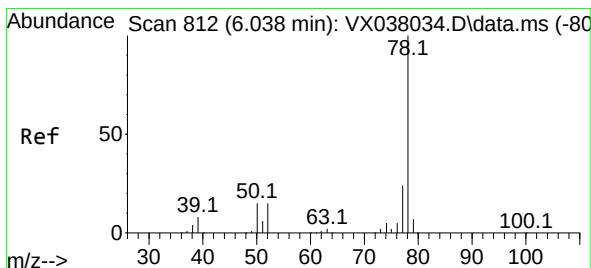
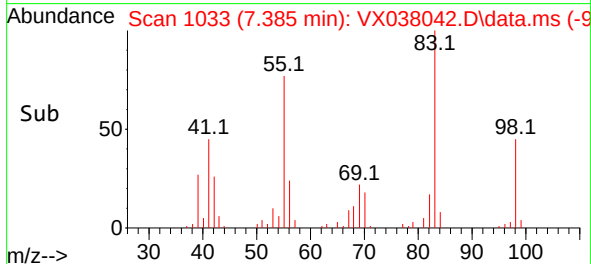
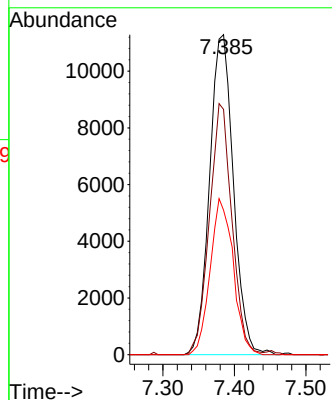
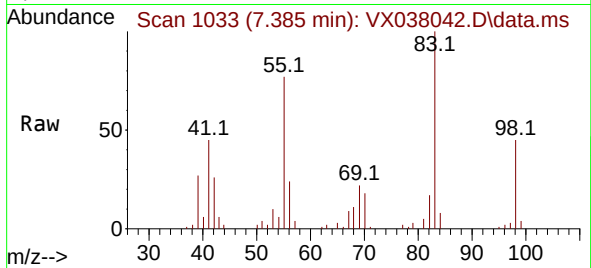
Tgt Ion: 83 Resp: 26140
Ion Ratio Lower Upper
83 100
55 76.6 64.6 97.0
98 45.2 36.7 55.1

Manual Integrations

APPROVED

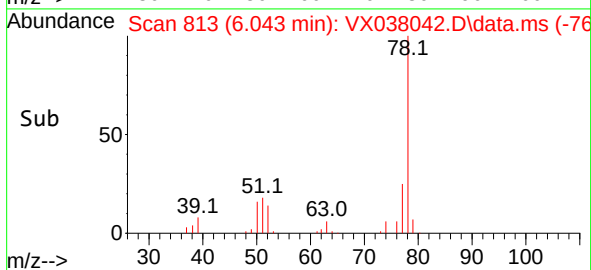
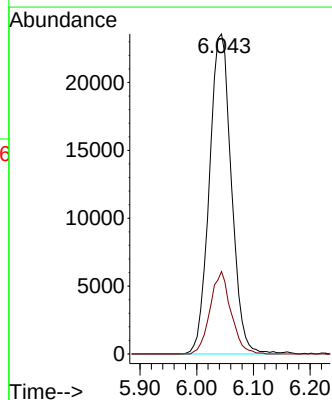
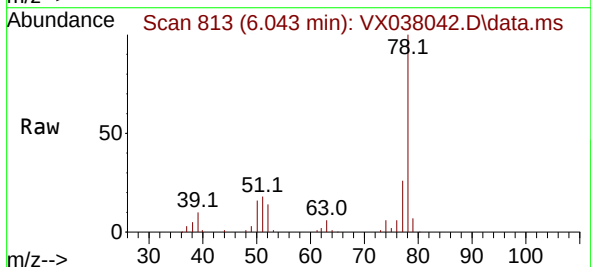
Reviewed By :John Carlone 10/04/2023

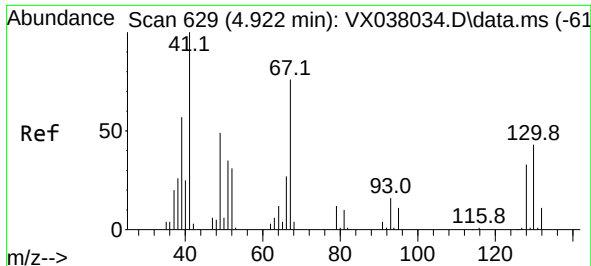
Supervised By :Semsettin Yesilyurt 10/04/2023



#40
Benzene
Concen: 9.530 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion: 78 Resp: 63674
Ion Ratio Lower Upper
78 100
77 25.8 19.3 28.9





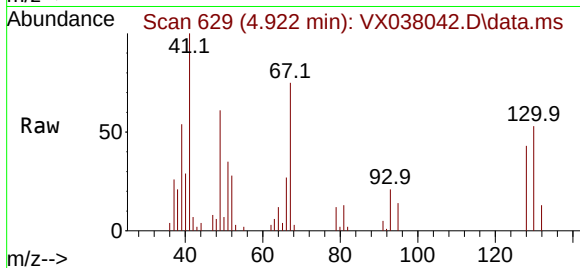
#41
Methacrylonitrile
Concen: 9.557 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010



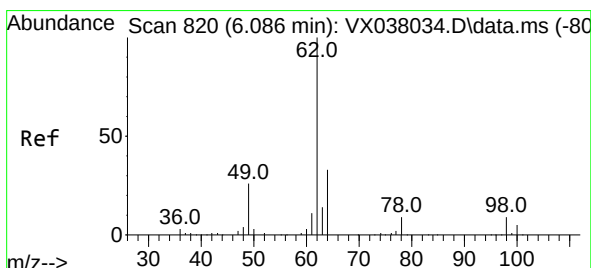
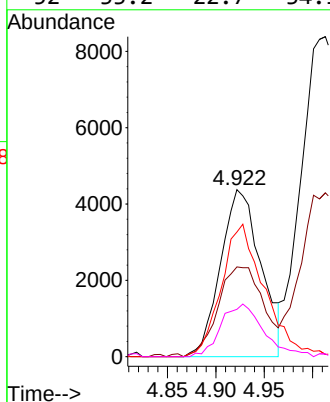
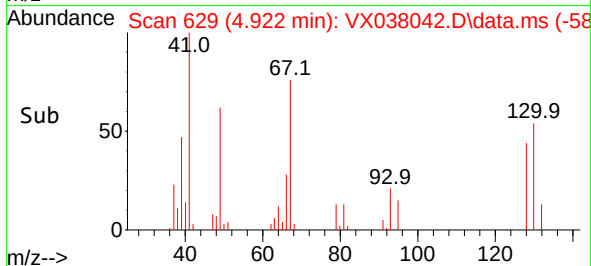
Tgt Ion: 41	Resp: 12728
Ion Ratio	Lower Upper
41	100
39	60.3 45.2 67.8
67	84.6 52.6 78.8
52	33.2 22.7 34.1

Manual Integrations

APPROVED

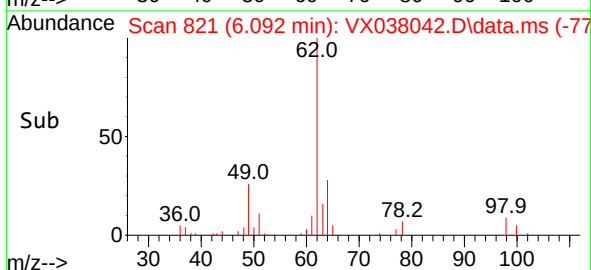
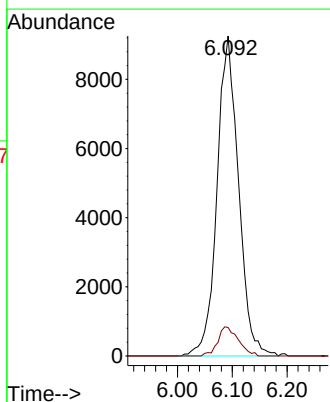
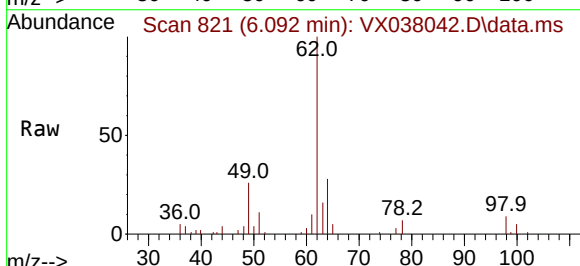
Reviewed By :John Carlone 10/04/2023

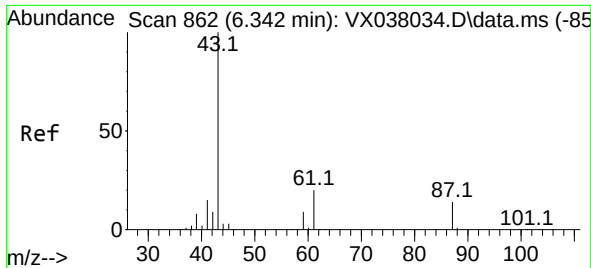
Supervised By :Semsettin Yesilyurt 10/04/2023



#42
1,2-Dichloroethane
Concen: 9.634 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion: 62	Resp: 25241
Ion Ratio	Lower Upper
62	100
98	8.7 0.0 16.0





#43

Isopropyl Acetate

Concen: 9.627 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

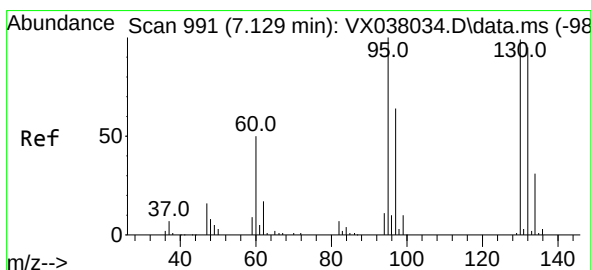
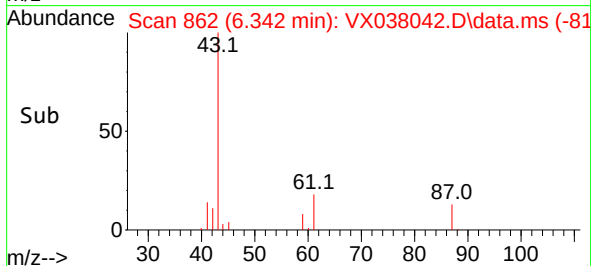
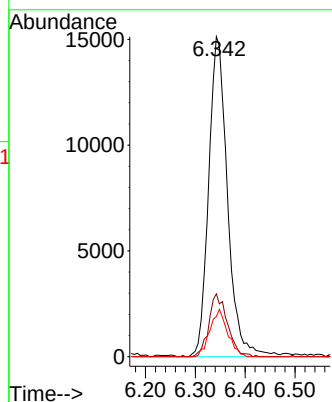
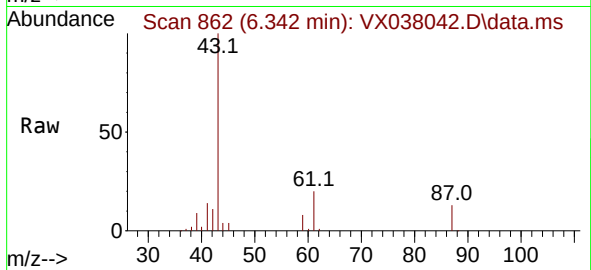
Tgt Ion: 43	Resp: 39674
Ion Ratio	Lower Upper
43 100	
61 19.3	15.2 22.8
87 13.8	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#44

Trichloroethene

Concen: 9.296 ug/l

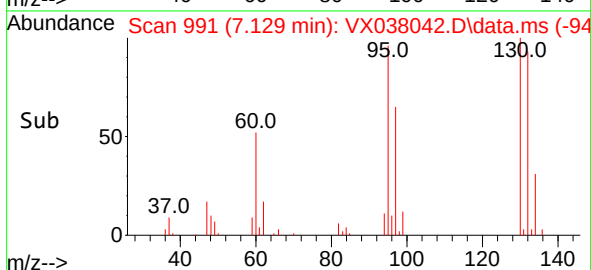
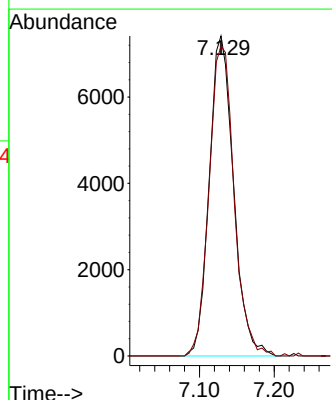
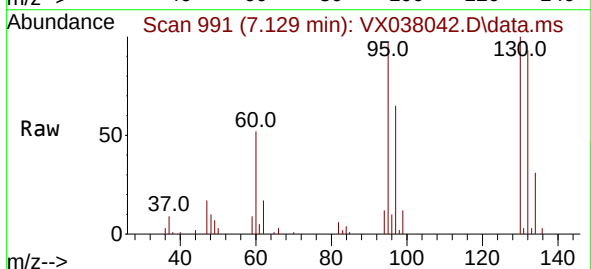
RT: 7.129 min Scan# 991

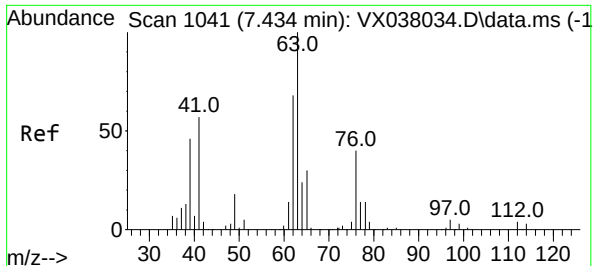
Delta R.T. -0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Tgt Ion:130	Resp: 16760
Ion Ratio	Lower Upper
130 100	
95 96.8	0.0 204.4





#45

1,2-Dichloropropane

Concen: 9.694 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 1648

Ion Ratio Lower Upper

63 100

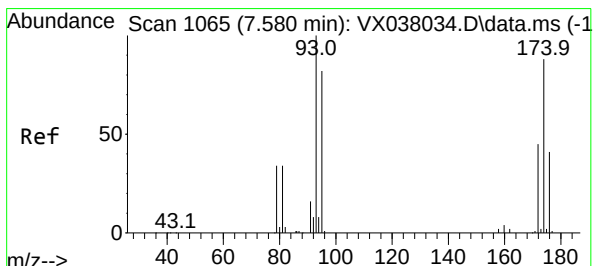
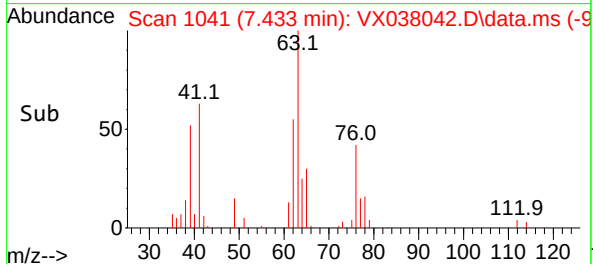
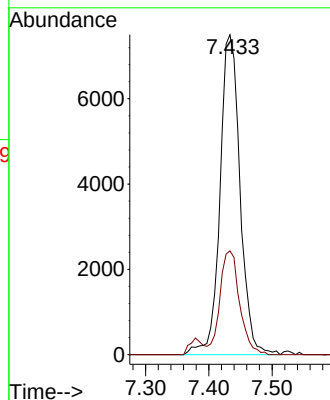
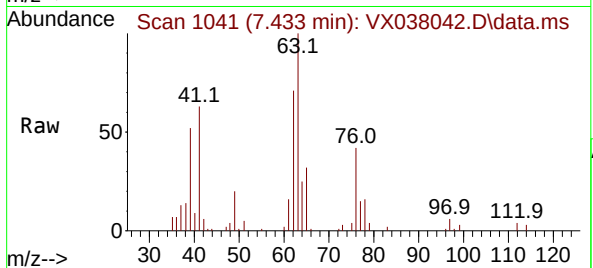
65 32.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#46

Dibromomethane

Concen: 9.485 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

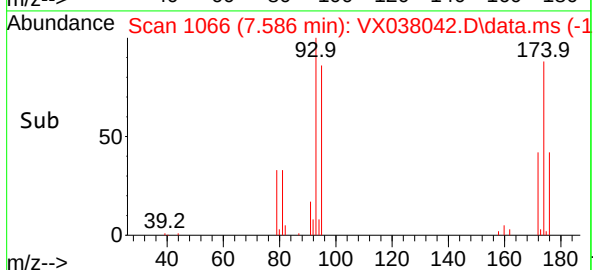
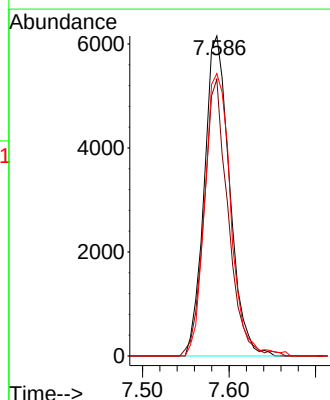
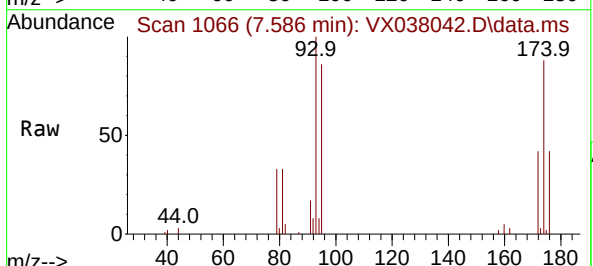
Tgt Ion: 93 Resp: 12494

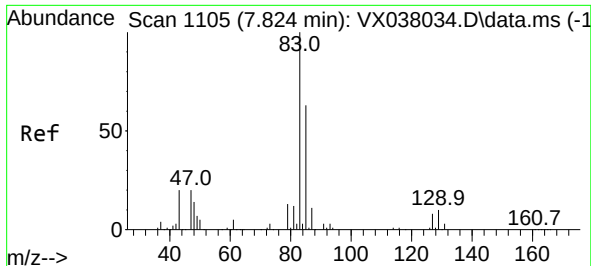
Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

174 90.6 69.4 104.0





#47
Bromodichloromethane
Concen: 9.697 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

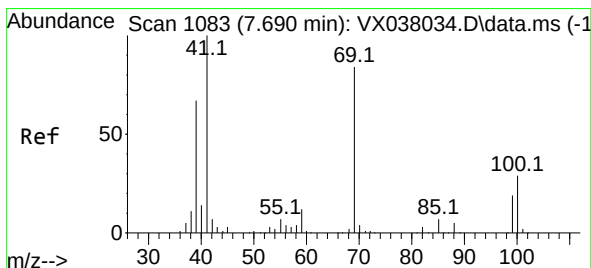
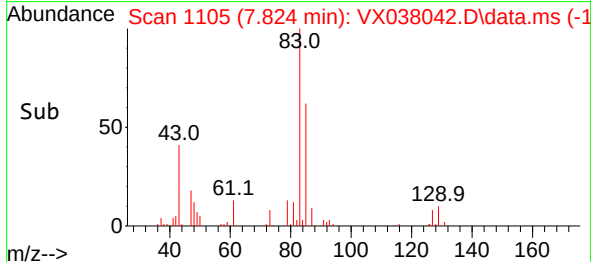
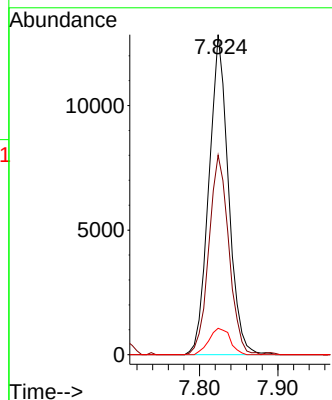
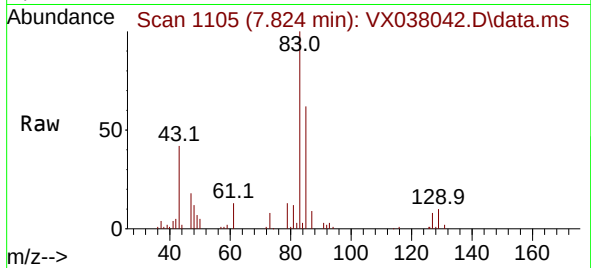
VSTDICC010

Tgt Ion: 83 Resp: 22230
Ion Ratio Lower Upper
83 100
85 62.3 49.8 74.6
127 8.3 7.1 10.7

Manual Integrations

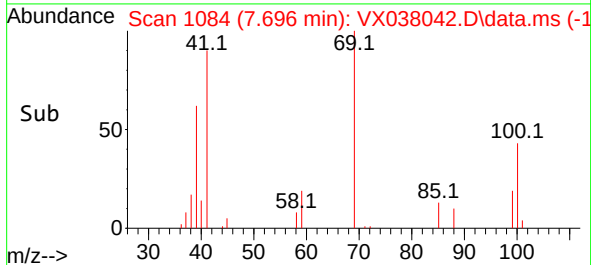
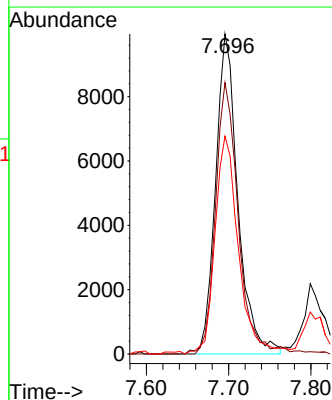
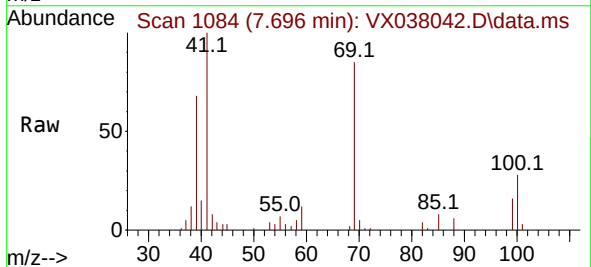
APPROVED

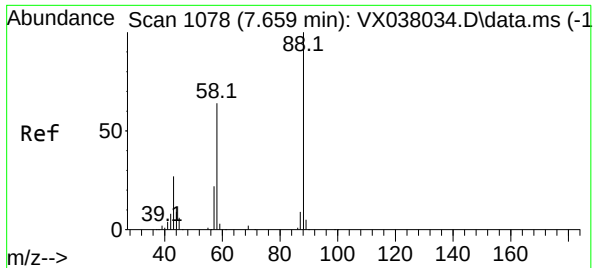
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#48
Methyl methacrylate
Concen: 9.486 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

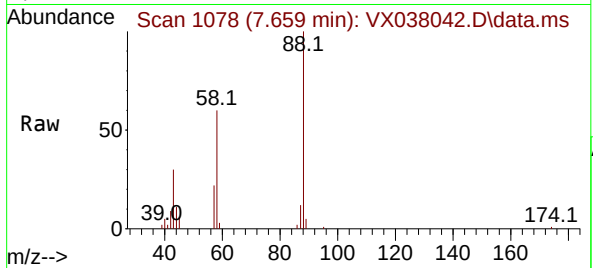
Tgt Ion: 41 Resp: 18795
Ion Ratio Lower Upper
41 100
69 86.6 59.2 88.8
39 71.4 47.7 71.5





#49
1,4-Dioxane
Concen: 201.036 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

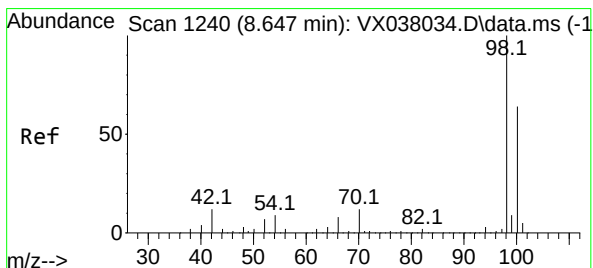
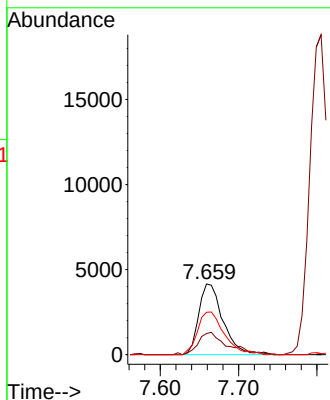
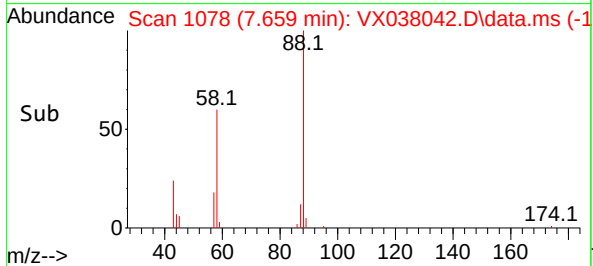
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion: 88 Resp: 8929
Ion Ratio Lower Upper
88 100
43 37.8 0.0 0.0
58 66.5 60.1 90.1

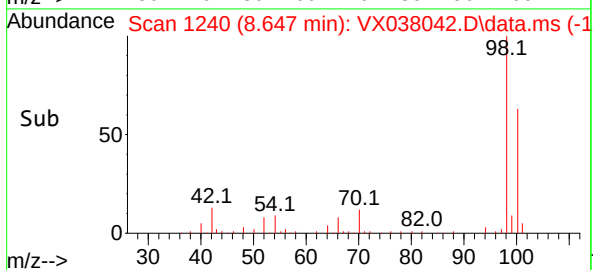
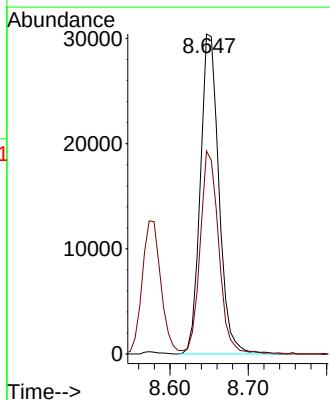
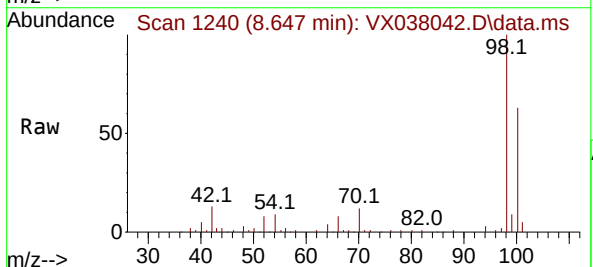
Manual Integrations
APPROVED

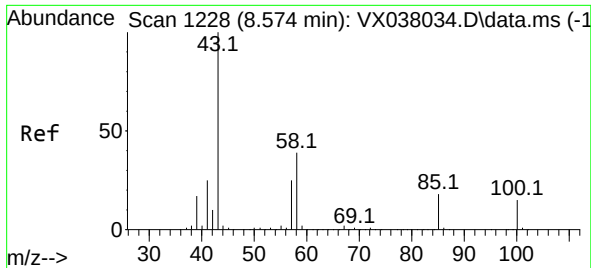
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#50
Toluene-d8
Concen: 8.138 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion: 98 Resp: 50053
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





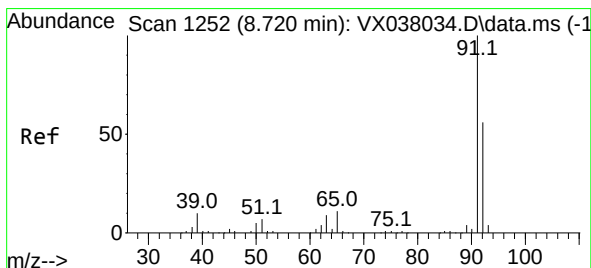
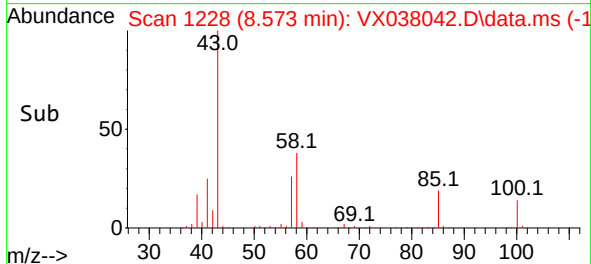
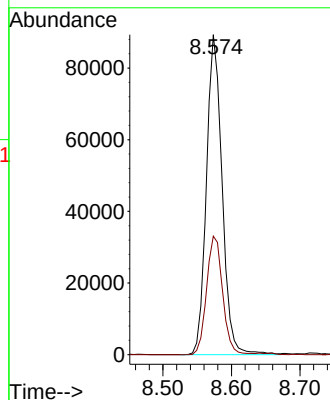
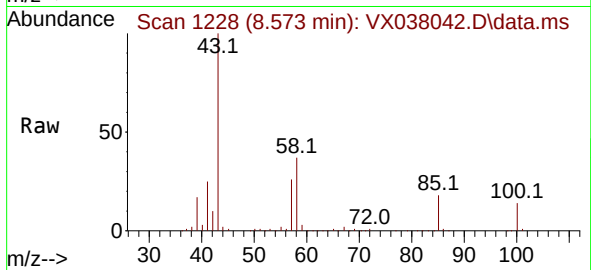
#51
4-Methyl-2-Pentanone
Concen: 49.769 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 142490
Ion Ratio Lower Upper
43 100
58 37.8 30.4 45.6

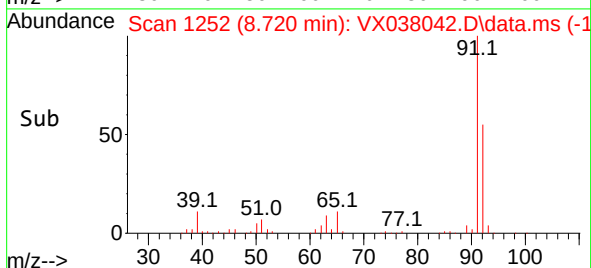
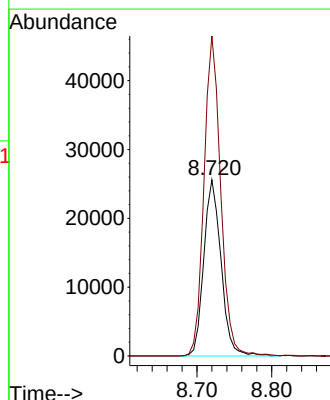
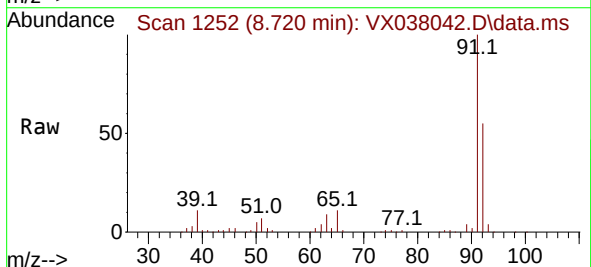
Manual Integrations
APPROVED

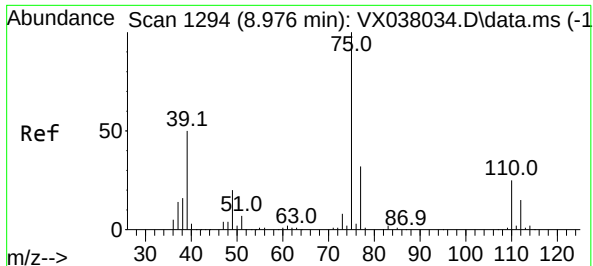
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#52
Toluene
Concen: 9.489 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion: 92 Resp: 41032
Ion Ratio Lower Upper
92 100
91 175.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 9.219 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 75 Resp: 22269

Ion Ratio Lower Upper

75 100

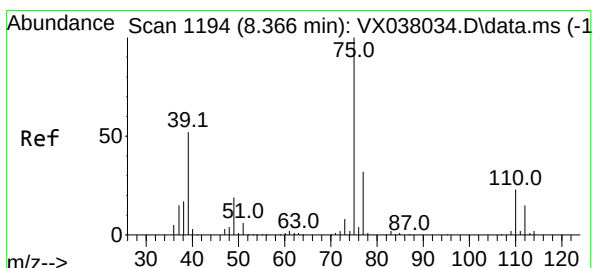
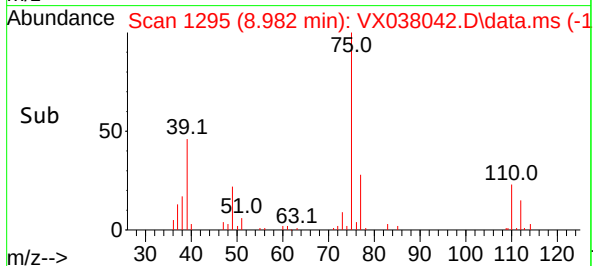
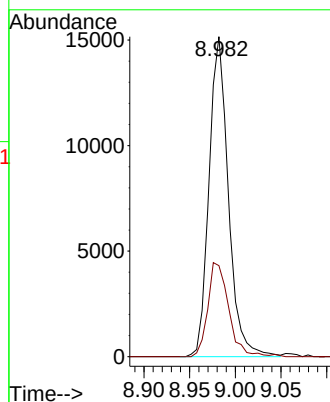
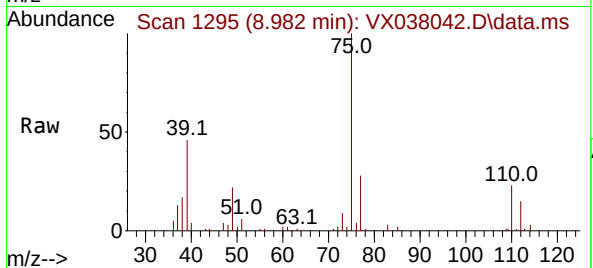
77 28.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#54

cis-1,3-Dichloropropene

Concen: 9.375 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

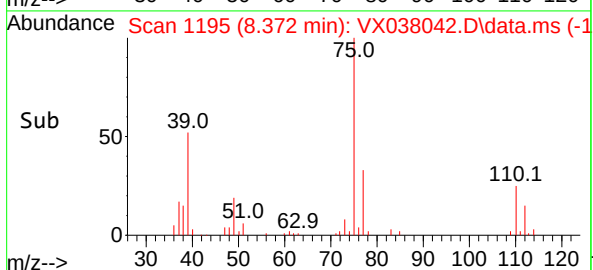
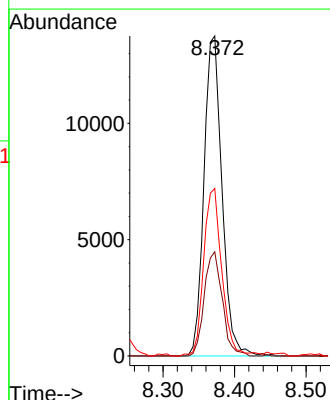
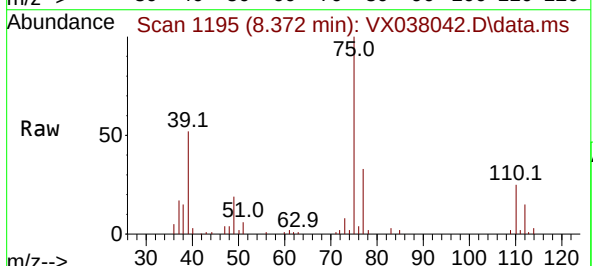
Tgt Ion: 75 Resp: 24096

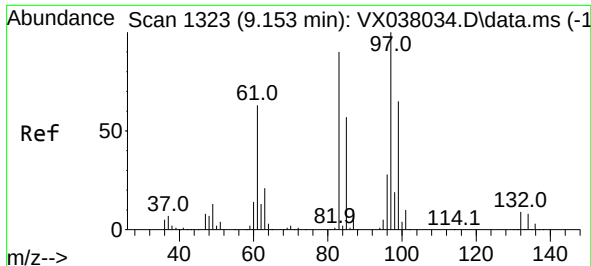
Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

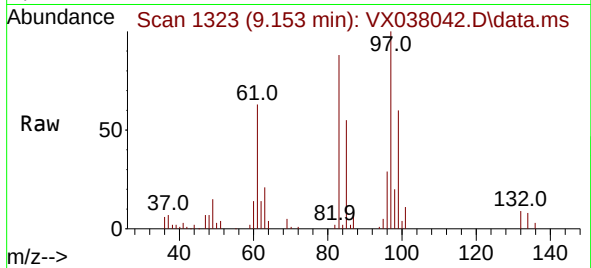
39 52.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 9.847 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

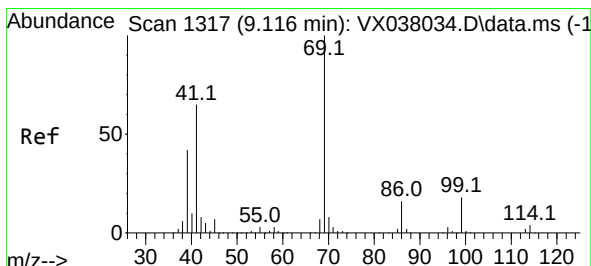
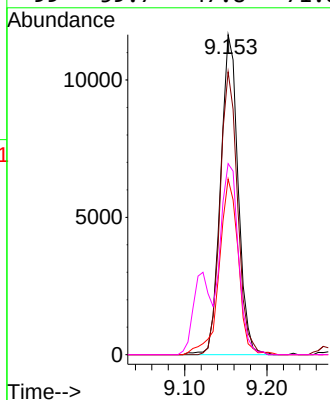
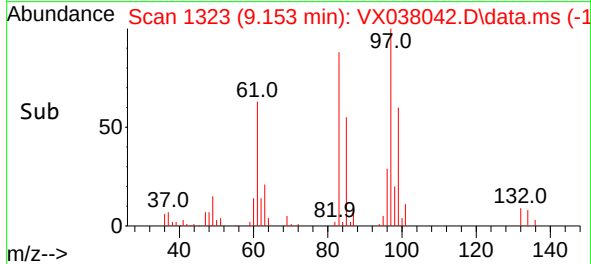
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.4	65.8	98.8
85	54.9	41.6	62.4
99	59.7	47.8	71.8

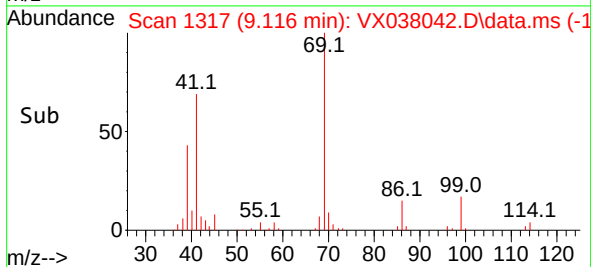
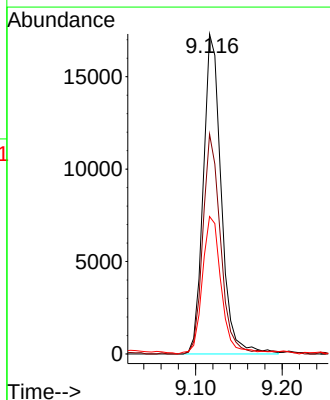
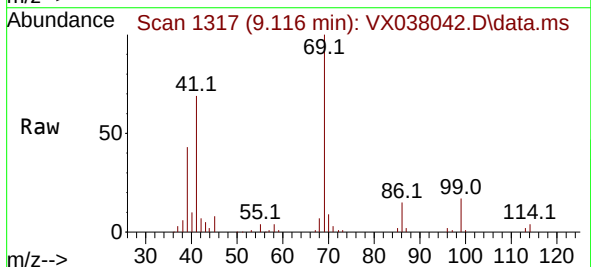
Manual Integrations
APPROVED

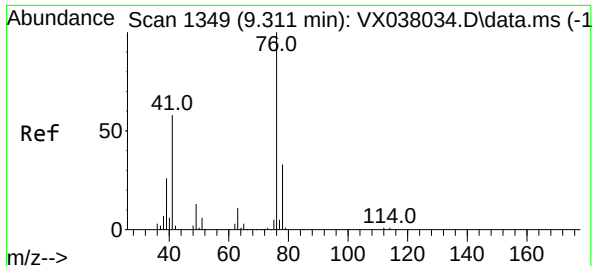
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#56
Ethyl methacrylate
Concen: 9.443 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

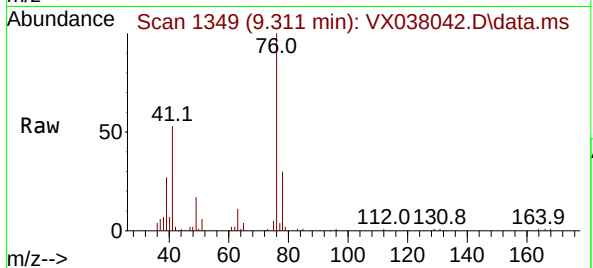
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.8	85.2
39	45.3	32.0	48.0





#57
1,3-Dichloropropane
Concen: 9.750 ug/l
RT: 9.311 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

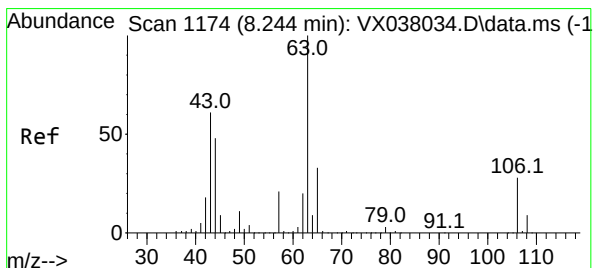
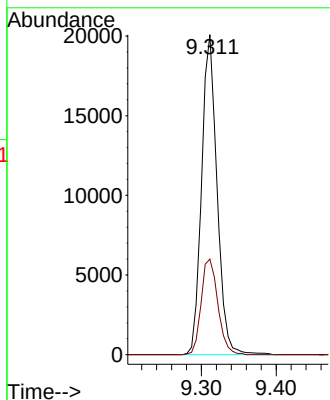
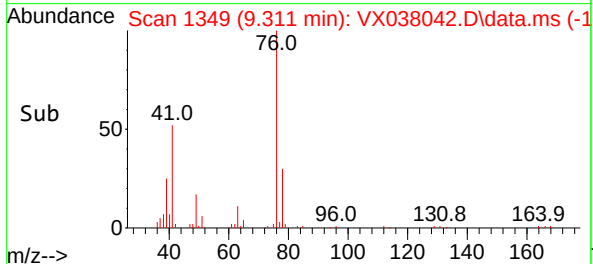
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



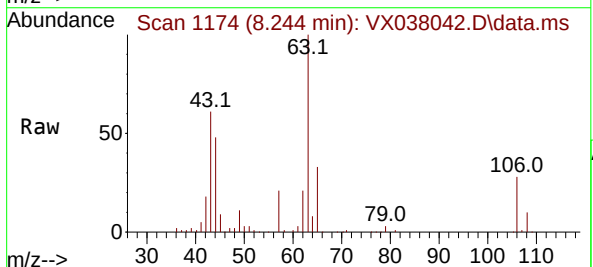
Tgt Ion: 76 Resp: 28790
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

Manual Integrations
APPROVED

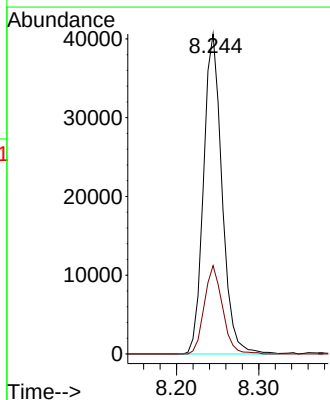
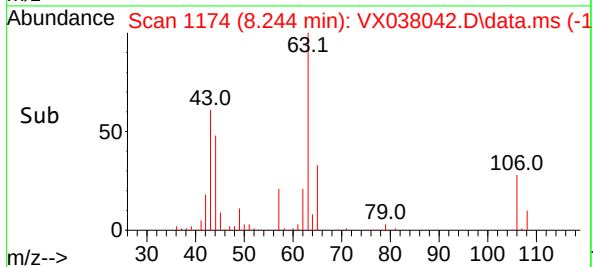
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

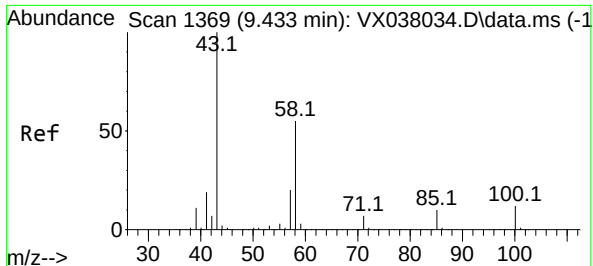


#58
2-Chloroethyl Vinyl ether
Concen: 47.065 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33



Tgt Ion: 63 Resp: 63486
Ion Ratio Lower Upper
63 100
106 27.2 22.5 33.7





#59

2-Hexanone

Concen: 49.642 ug/l

RT: 9.433 min Scan# 113702

Delta R.T. 0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 113702

Ion Ratio Lower Upper

43 100

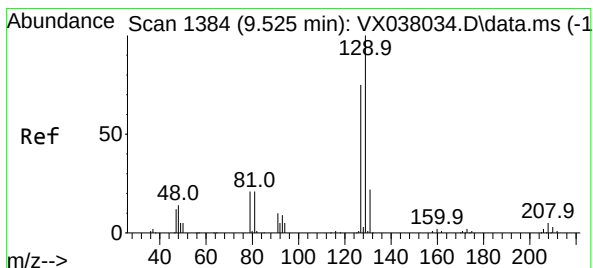
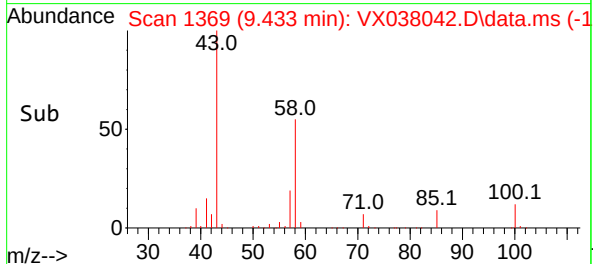
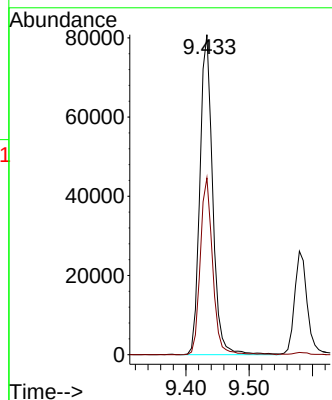
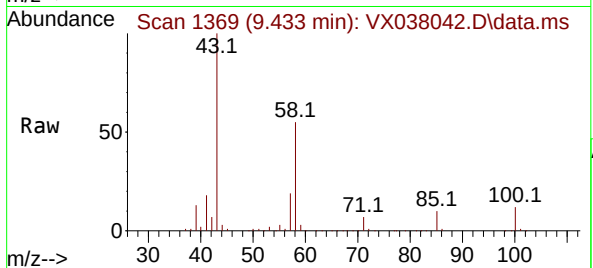
58 53.6 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#60

Dibromochloromethane

Concen: 9.233 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX038042.D

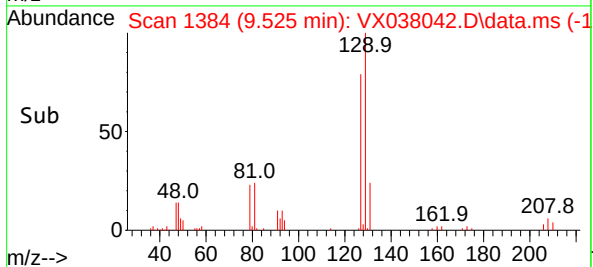
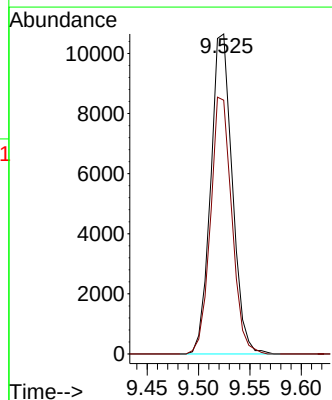
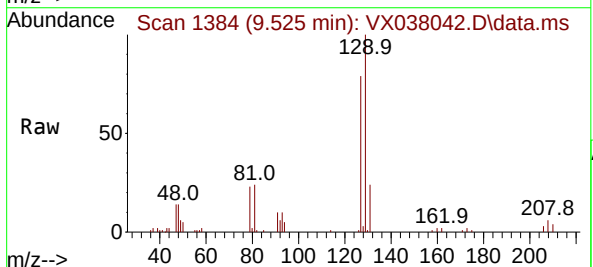
Acq: 03 Oct 2023 16:33

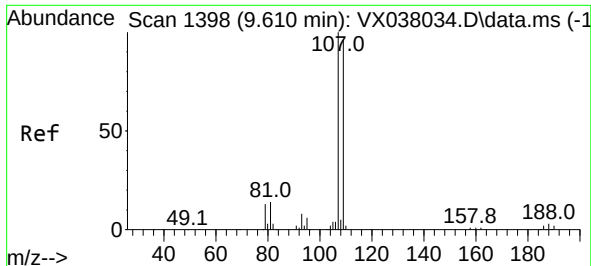
Tgt Ion:129 Resp: 15602

Ion Ratio Lower Upper

129 100

127 78.9 38.8 116.4





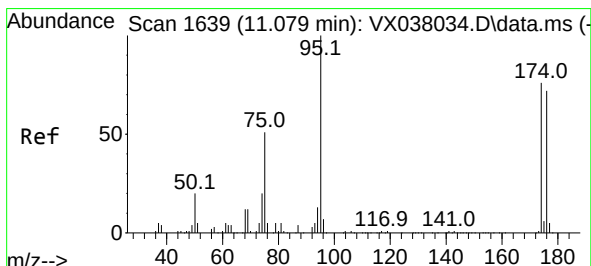
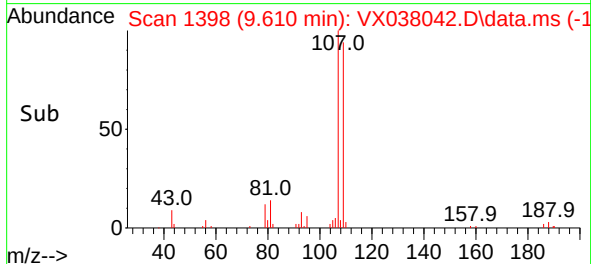
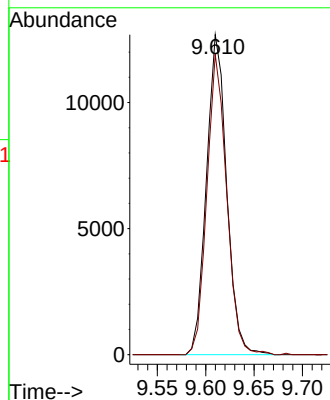
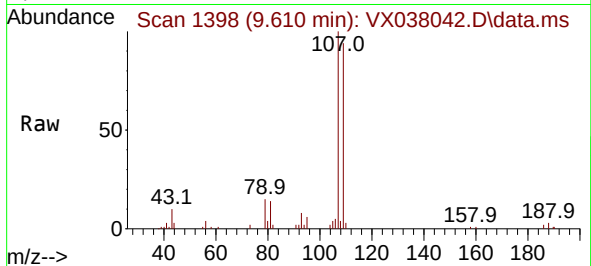
#61
1,2-Dibromoethane
Concen: 9.730 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 18524
Ion Ratio Lower Upper
107 100
109 91.5 75.2 112.8

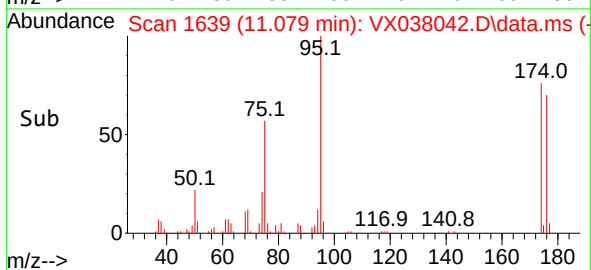
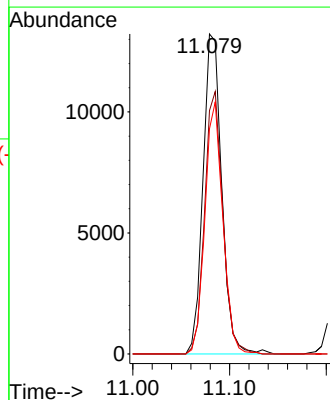
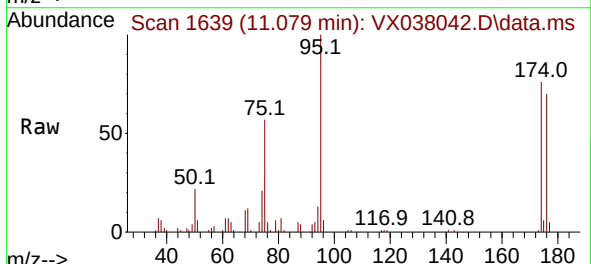
Manual Integrations
APPROVED

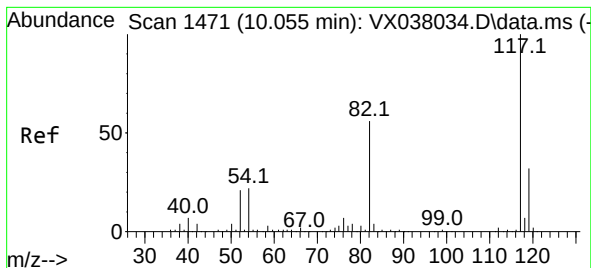
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#62
4-Bromofluorobenzene
Concen: 7.977 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

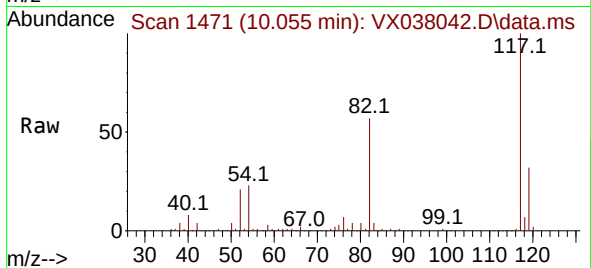
Tgt Ion: 95 Resp: 17856
Ion Ratio Lower Upper
95 100
174 79.7 0.0 135.6
176 75.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

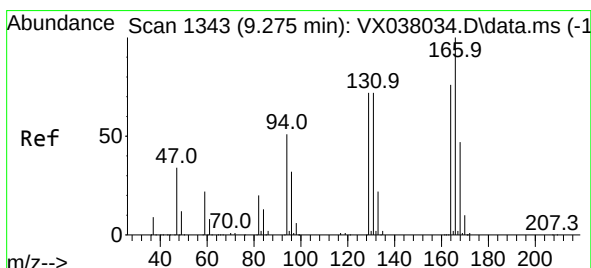
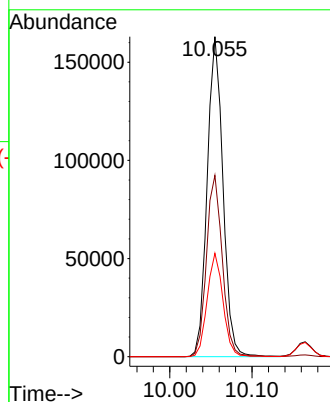
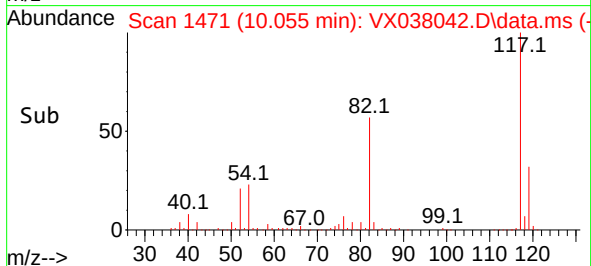
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 21730
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.3 25.5 38.3

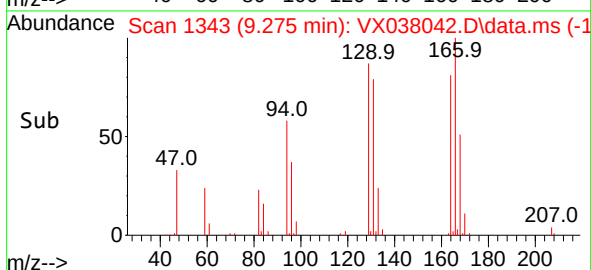
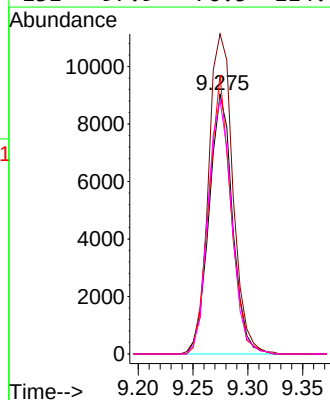
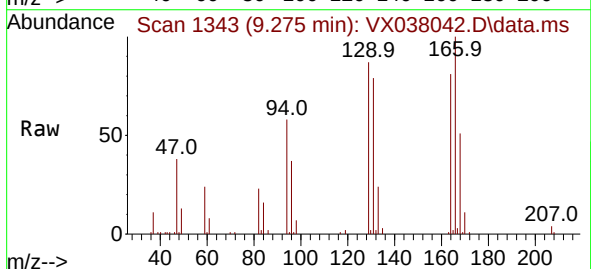
Manual Integrations
APPROVED

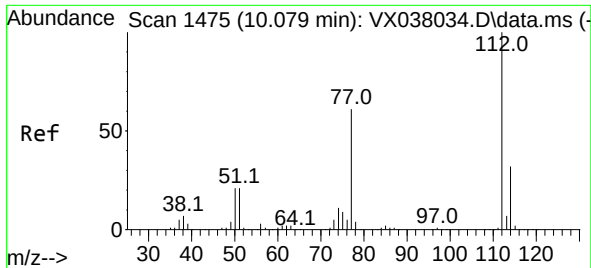
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#64
Tetrachloroethene
Concen: 9.324 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion:164 Resp: 13482
Ion Ratio Lower Upper
164 100
166 123.3 102.7 154.1
129 107.5 80.4 120.6
131 97.9 76.5 114.7





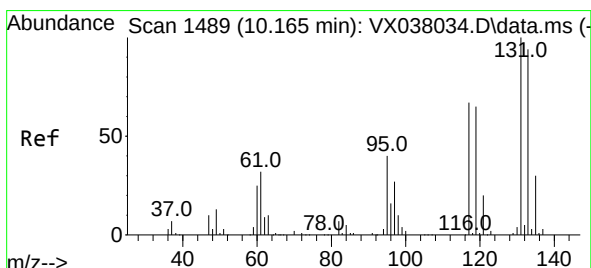
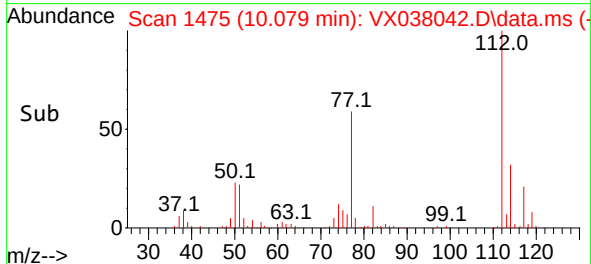
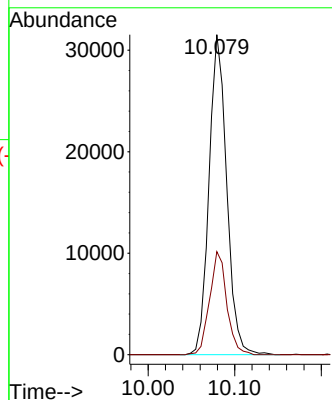
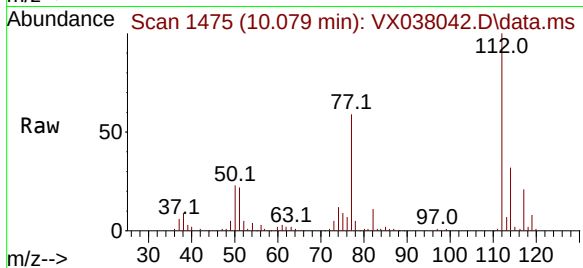
#65
Chlorobenzene
Concen: 9.788 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 44649
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

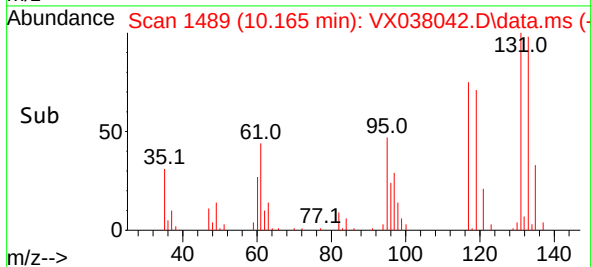
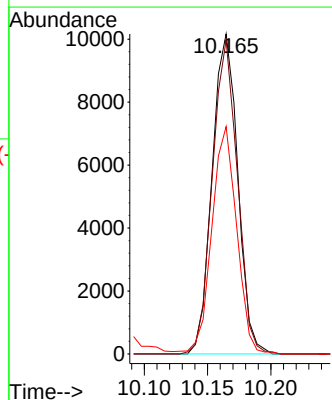
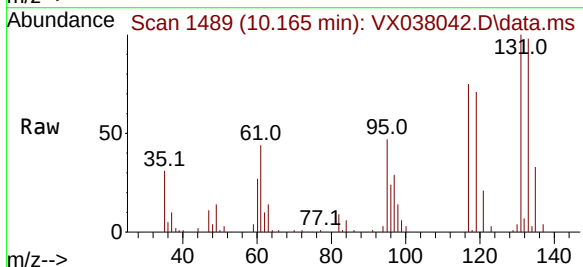
Manual Integrations
APPROVED

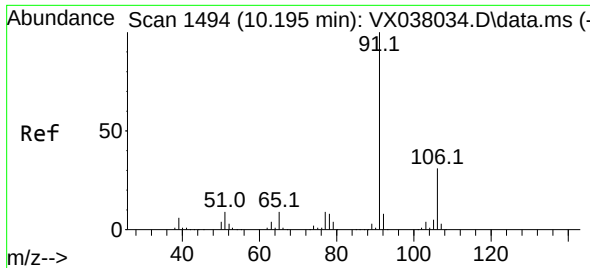
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 9.390 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion:131 Resp: 14283
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 69.3 32.2 96.6





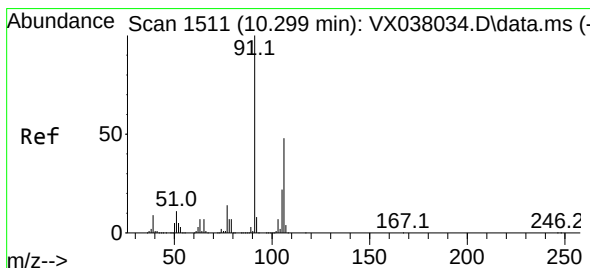
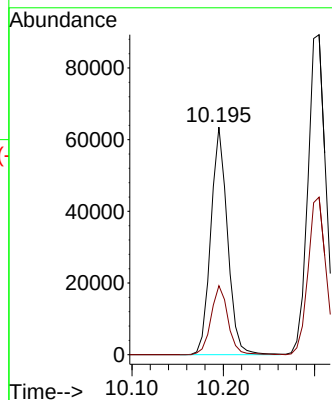
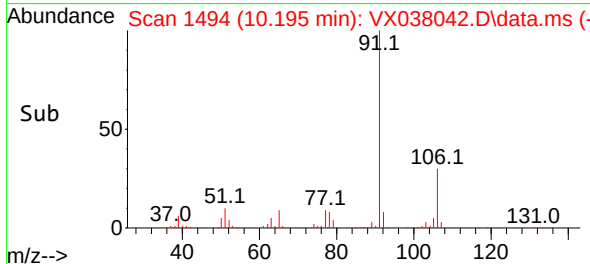
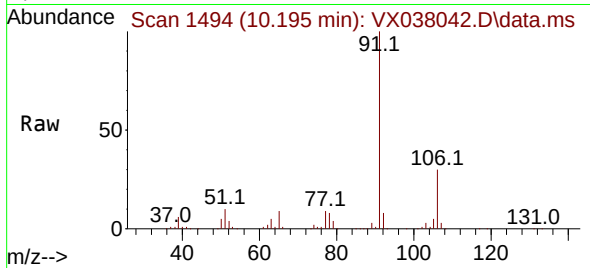
#67
Ethyl Benzene
Concen: 9.786 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 8030
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

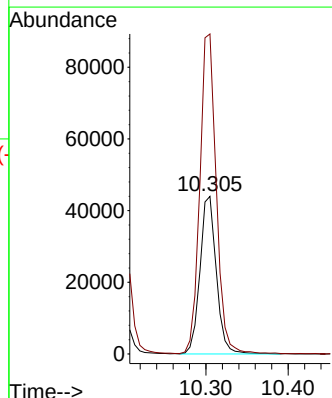
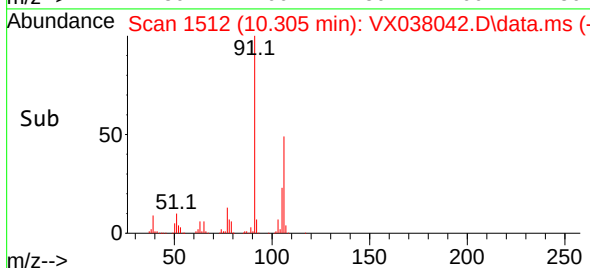
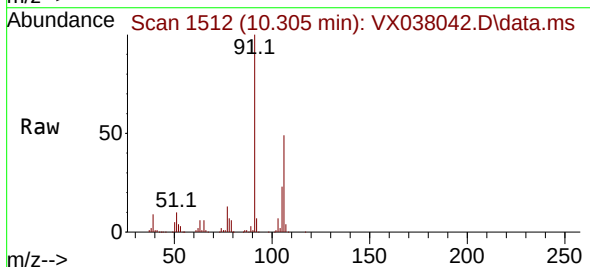
Manual Integrations
APPROVED

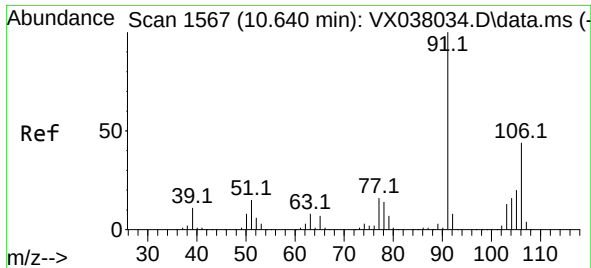
Reviewed By :John Carbone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#68
m/p-Xylenes
Concen: 19.396 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion:106 Resp: 60953
Ion Ratio Lower Upper
106 100
91 203.9 165.5 248.3





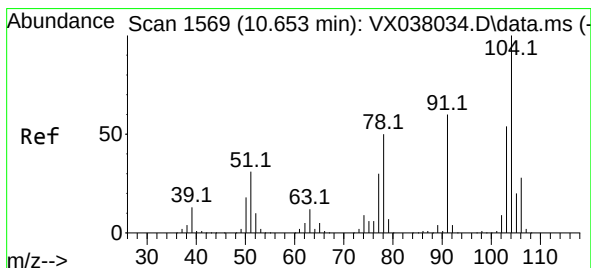
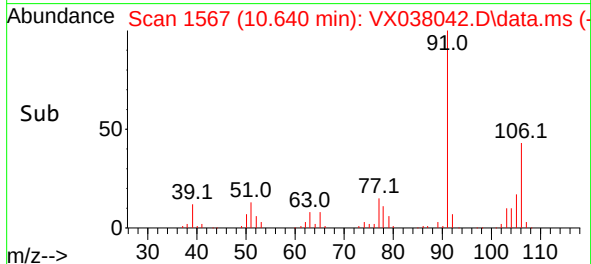
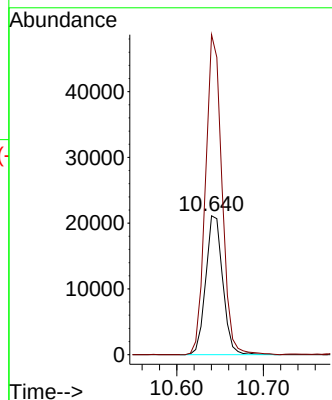
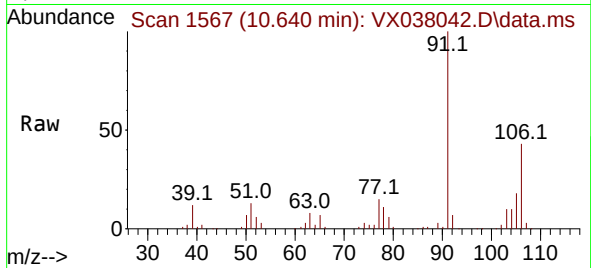
#69
o-Xylene
Concen: 9.647 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 28790
Ion Ratio Lower Upper
106 100
91 222.8 108.9 326.8

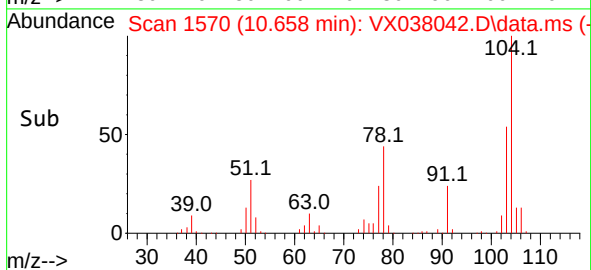
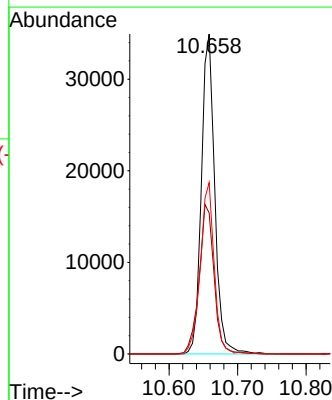
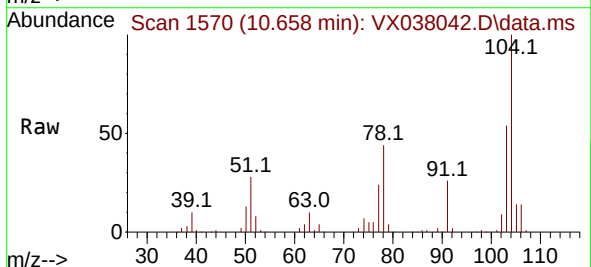
Manual Integrations
APPROVED

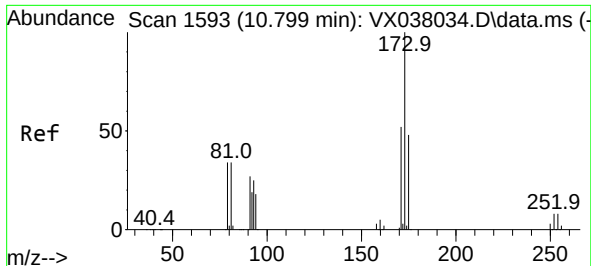
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#70
Styrene
Concen: 9.619 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

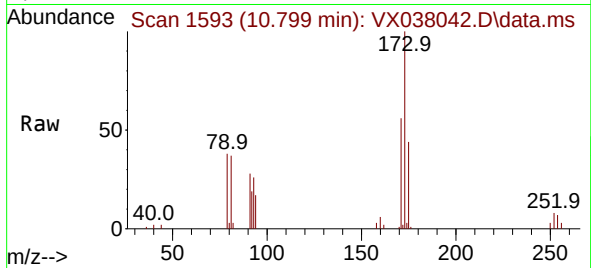
Tgt Ion:104 Resp: 47414
Ion Ratio Lower Upper
104 100
78 52.4 43.6 65.4
103 55.8 43.6 65.4





#71
Bromoform
Concen: 9.281 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

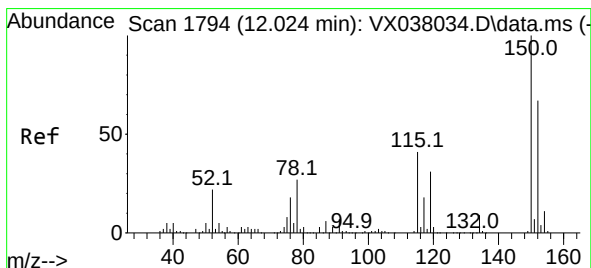
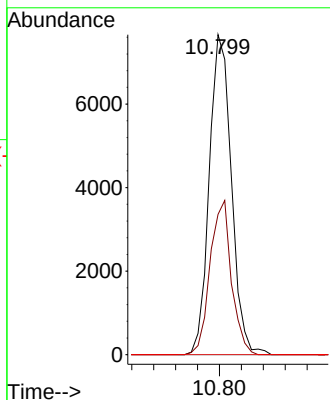
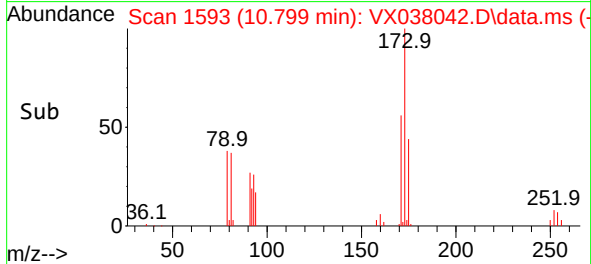
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



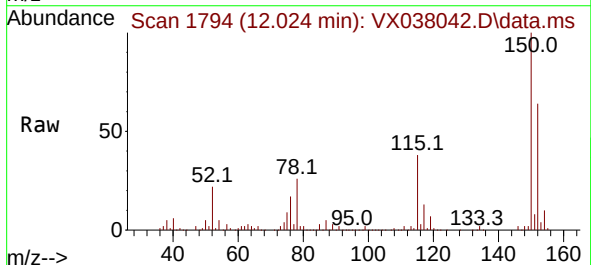
Tgt Ion:173 Resp: 1073
Ion Ratio Lower Upper
173 100
175 46.5 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

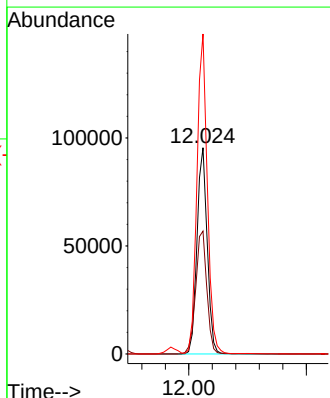
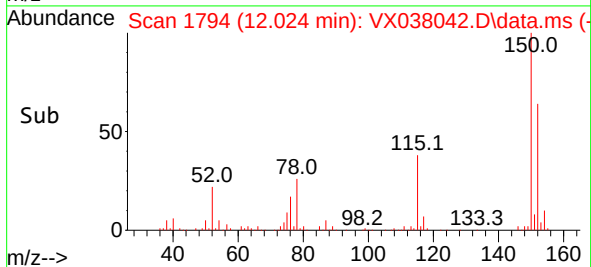
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

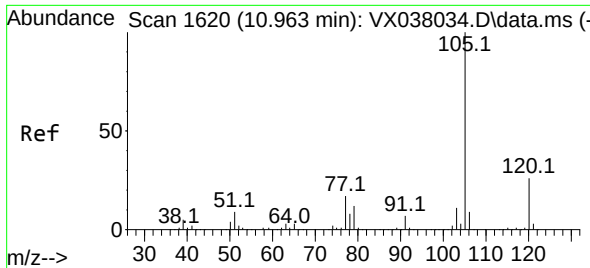


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33



Tgt Ion:152 Resp: 115590
Ion Ratio Lower Upper
152 100
115 64.8 43.3 129.9
150 156.4 0.0 345.0





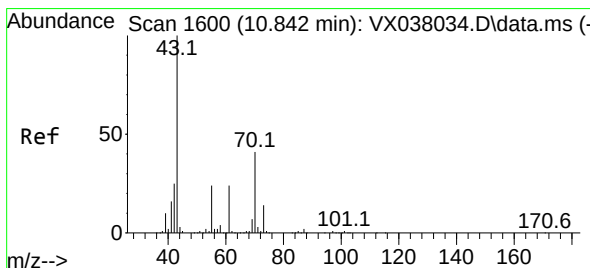
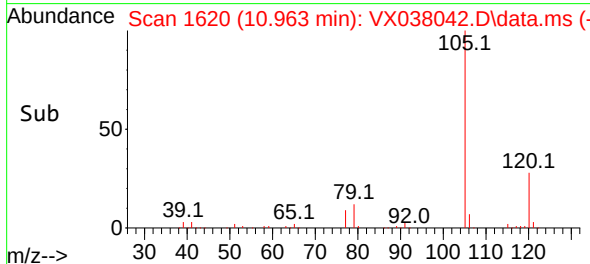
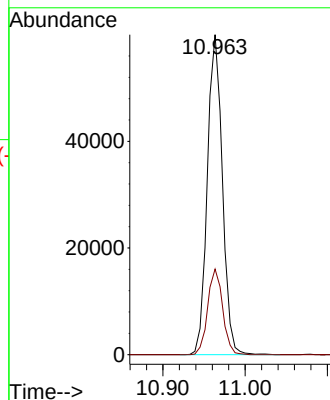
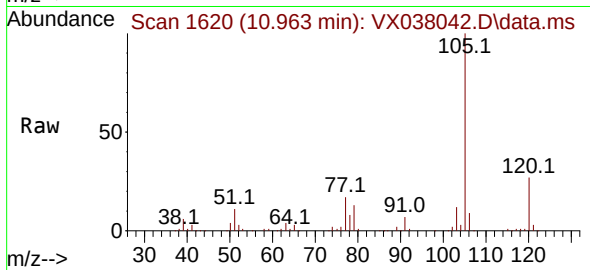
#73
Isopropylbenzene
Concen: 9.713 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 76198
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

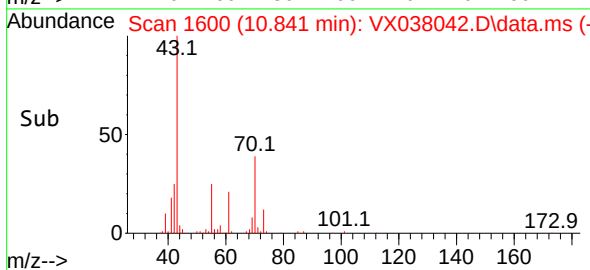
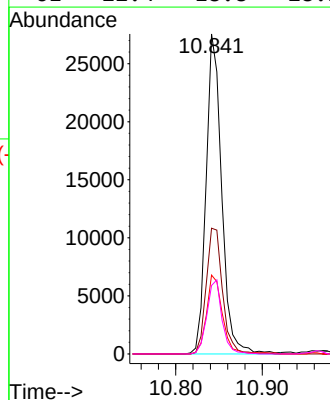
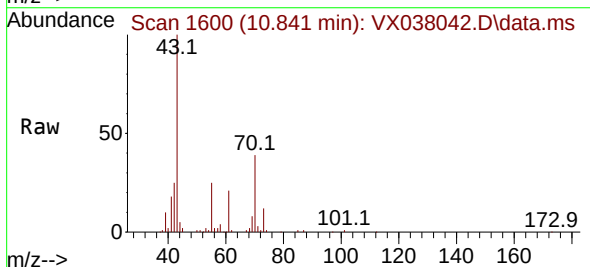
Manual Integrations
APPROVED

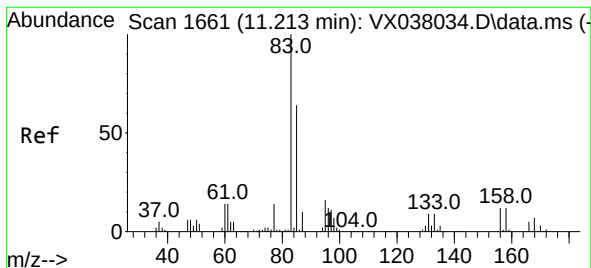
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#74
N-ethyl acetate
Concen: 9.747 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion: 43 Resp: 34411
Ion Ratio Lower Upper
43 100
70 41.2 32.9 49.3
55 25.3 19.3 28.9
61 22.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 9.849 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

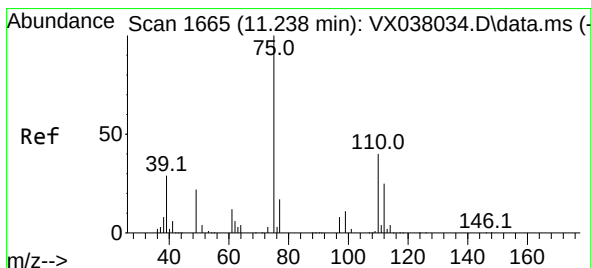
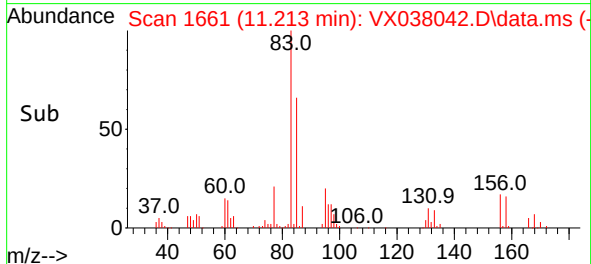
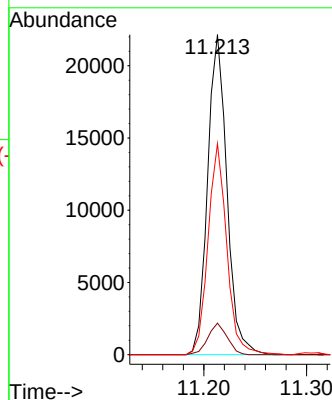
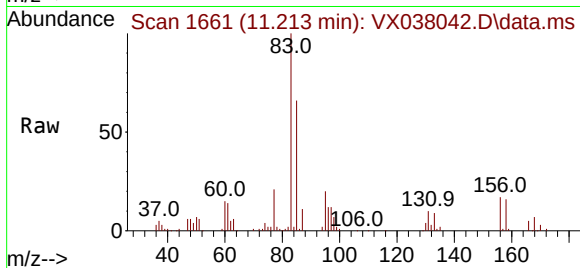
Tgt Ion:	83	Resp:	28918
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.3	15.8
85	64.1	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#76

1,2,3-Trichloropropane

Concen: 9.055 ug/l m

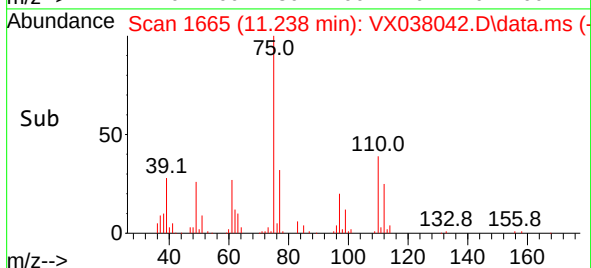
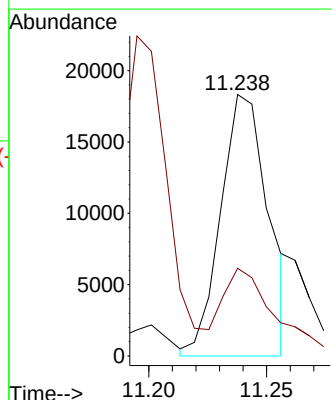
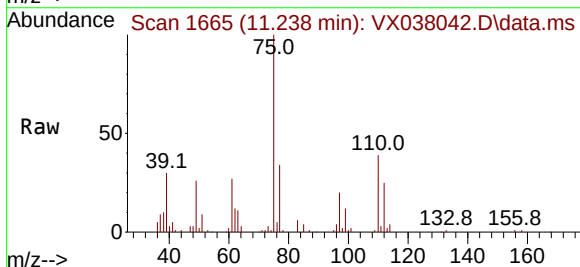
RT: 11.238 min Scan# 1665

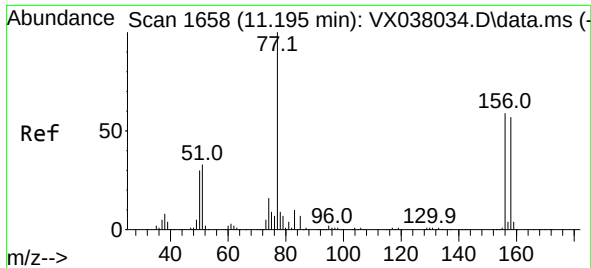
Delta R.T. -0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Tgt Ion:	75	Resp:	25659
Ion Ratio	Lower	Upper	
75	100		
77	37.1	19.1	57.5





#77
Bromobenzene
Concen: 9.526 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

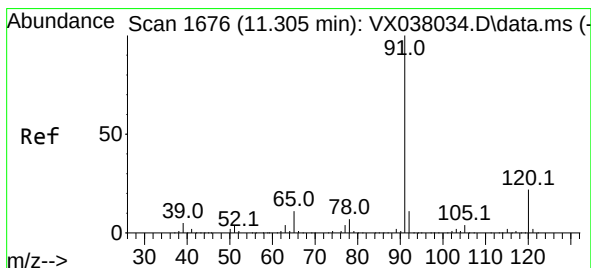
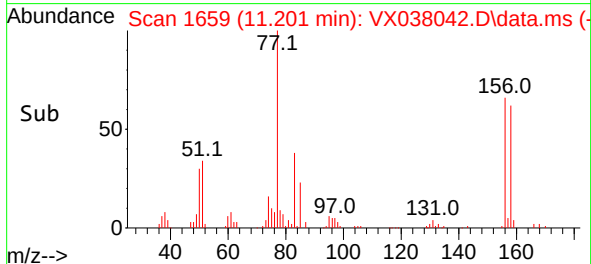
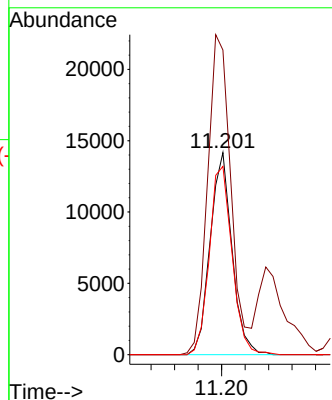
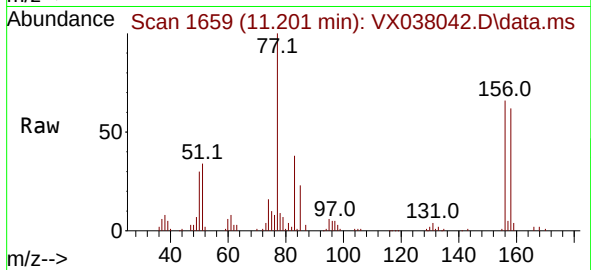
VSTDICC010

Tgt Ion:156 Resp: 1832
Ion Ratio Lower Upper
156 100
77 169.0 88.4 265.3
158 97.0 48.0 144.0

Manual Integrations

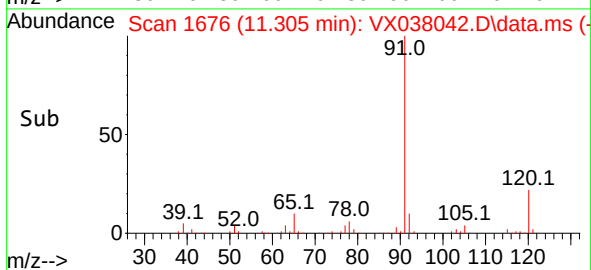
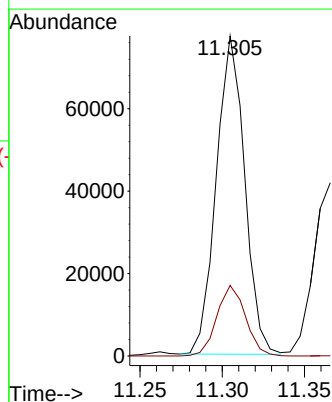
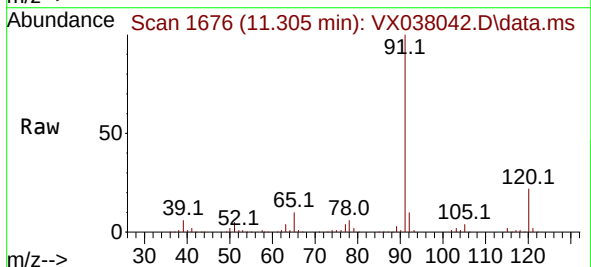
APPROVED

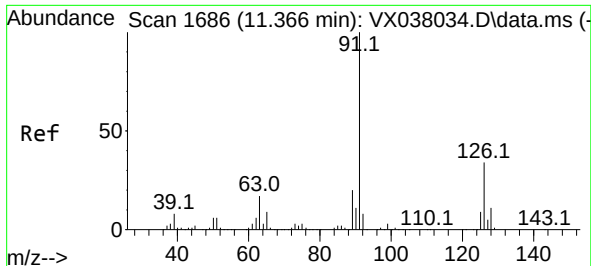
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#78
n-propylbenzene
Concen: 9.605 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion: 91 Resp: 92587
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





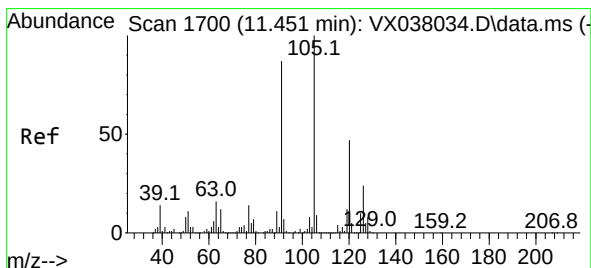
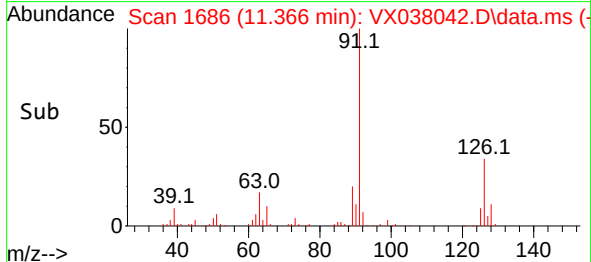
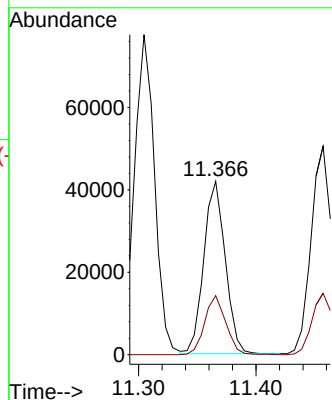
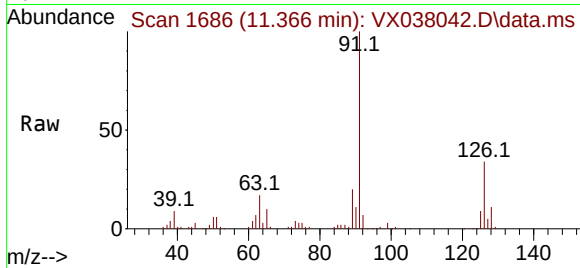
#79
2-Chlorotoluene
Concen: 9.494 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 53140
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

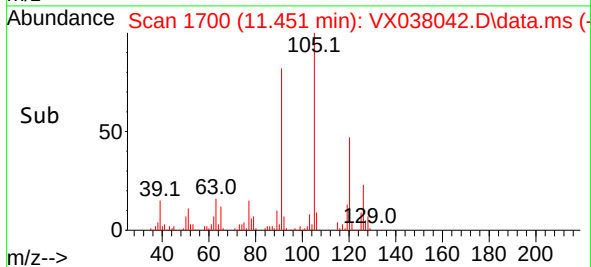
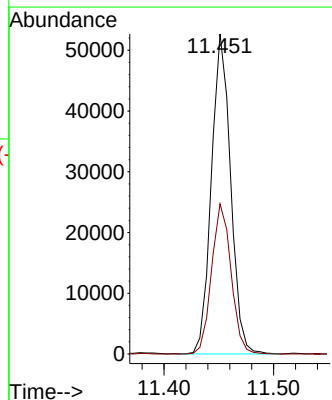
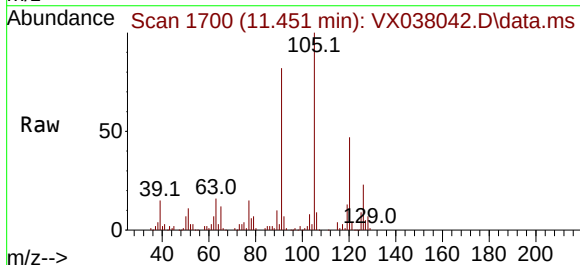
Manual Integrations
APPROVED

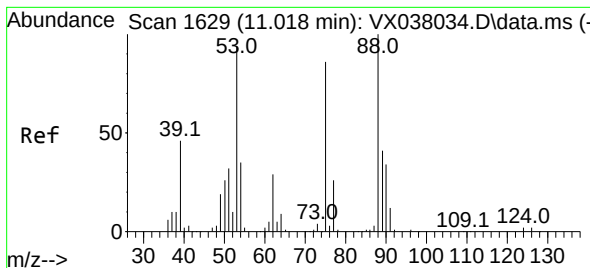
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#80
1,3,5-Trimethylbenzene
Concen: 9.602 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion:105 Resp: 64107
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





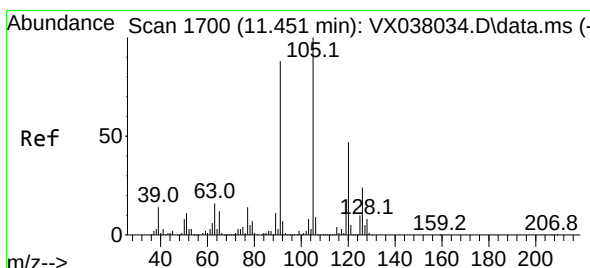
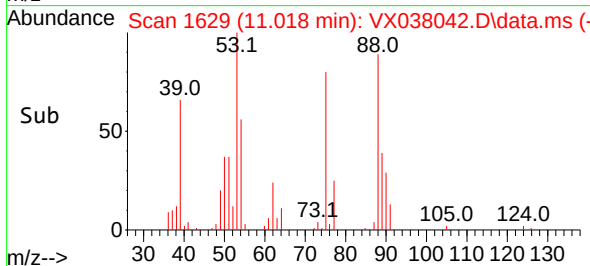
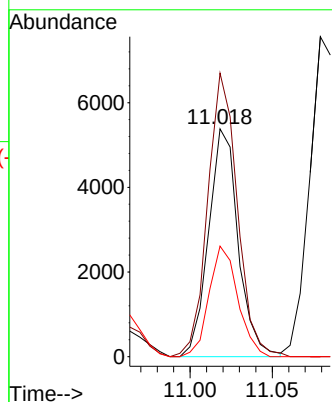
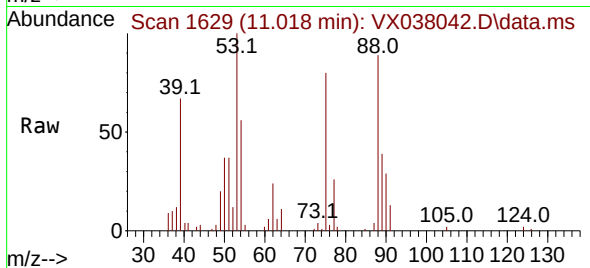
#81
trans-1,4-Dichloro-2-butene
Concen: 8.507 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 6749
Ion Ratio Lower Upper
75 100
53 124.3 90.5 135.7
89 47.1 36.9 55.3

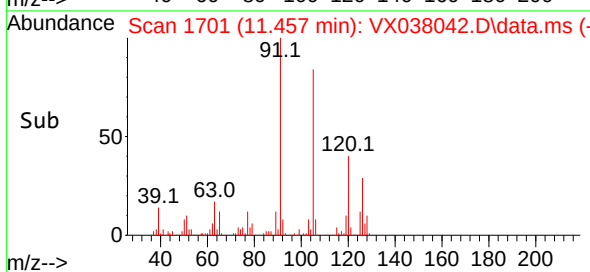
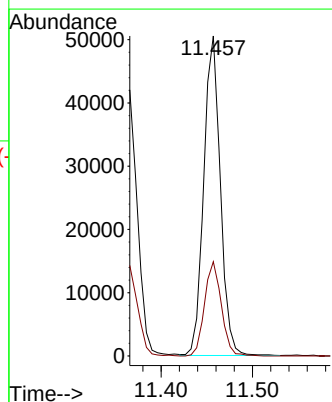
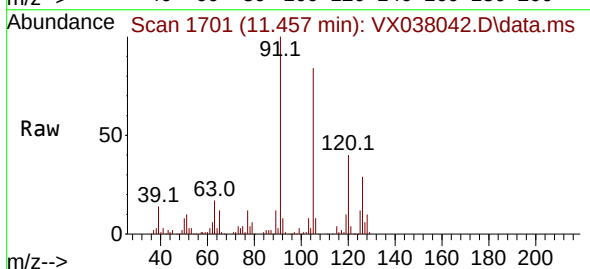
Manual Integrations
APPROVED

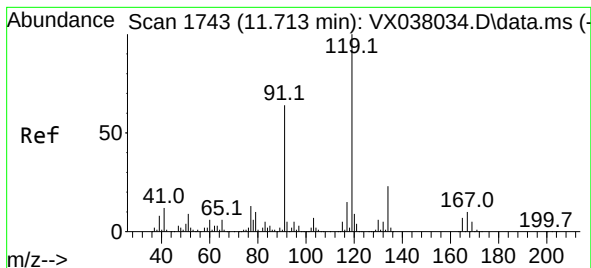
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#82
4-Chlorotoluene
Concen: 9.421 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion: 91 Resp: 63555
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 9.518 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

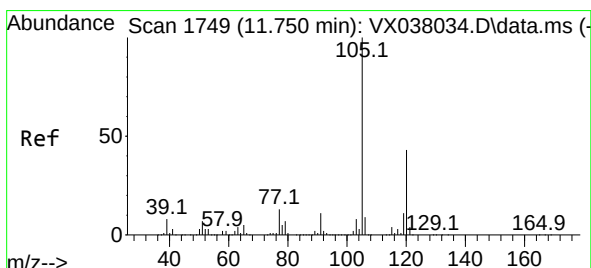
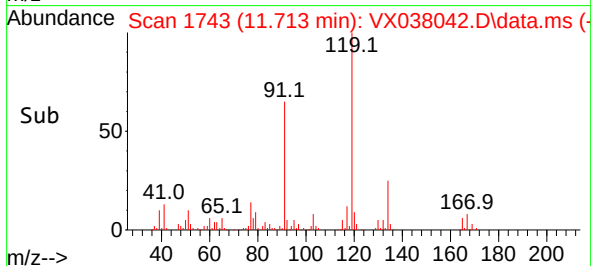
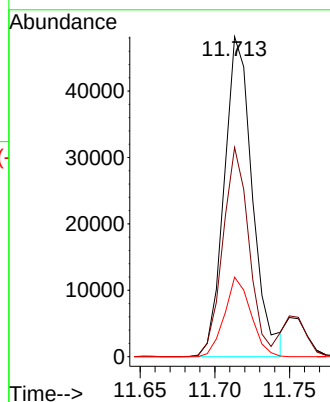
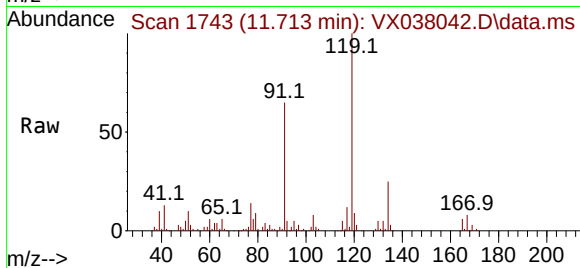
Tgt Ion:	119	Resp:	63174
Ion	Ratio	Lower	Upper
119	100		
91	60.8	31.2	93.6
134	23.2	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#84

1,2,4-Trimethylbenzene

Concen: 9.563 ug/l

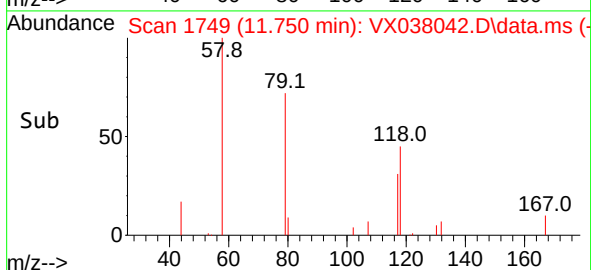
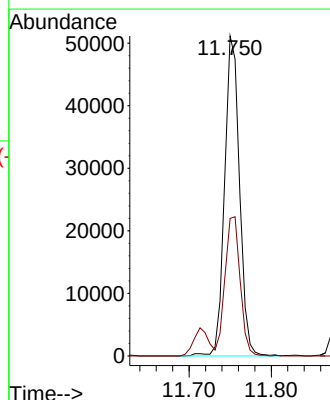
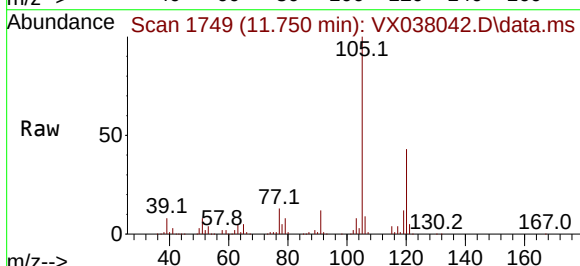
RT: 11.750 min Scan# 1749

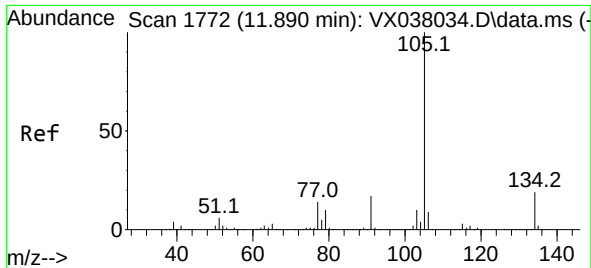
Delta R.T. -0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

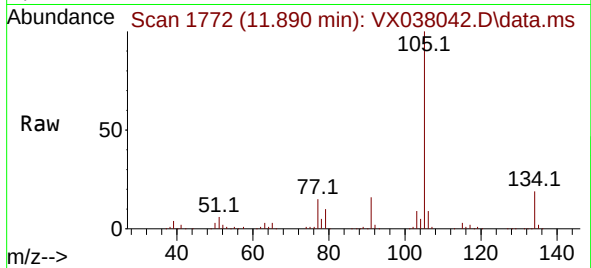
Tgt Ion:	105	Resp:	64397
Ion	Ratio	Lower	Upper
105	100		
120	44.4	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 9.602 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038042.D
 Acq: 03 Oct 2023 16:33

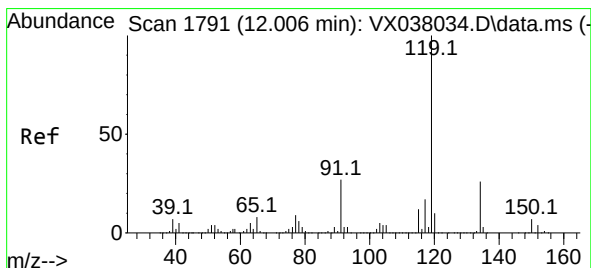
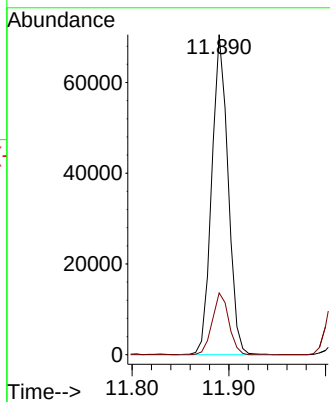
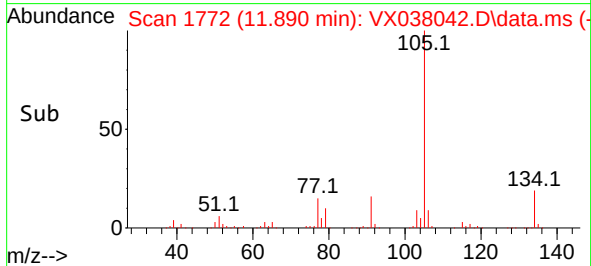
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010



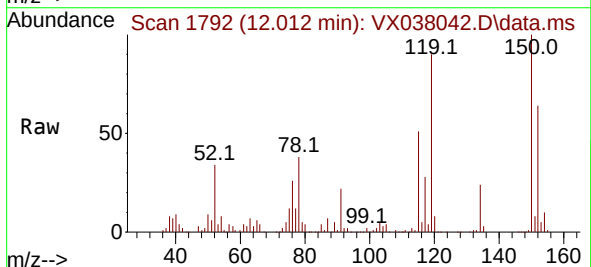
Tgt Ion:105 Resp: 8265
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

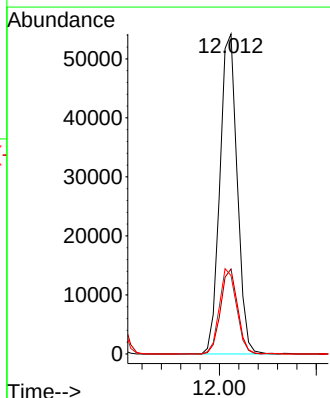
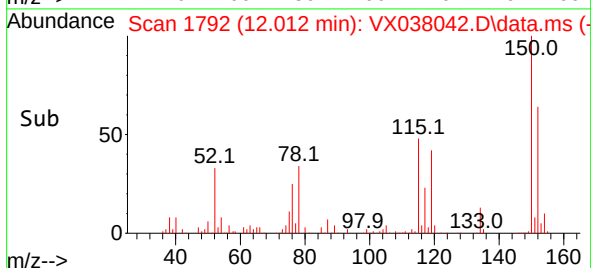
Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023

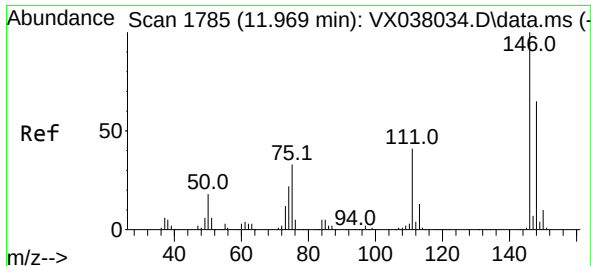


#86
 p-Isopropyltoluene
 Concen: 9.538 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038042.D
 Acq: 03 Oct 2023 16:33



Tgt Ion:119 Resp: 67235
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 26.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 9.237 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion:146 Resp: 3562

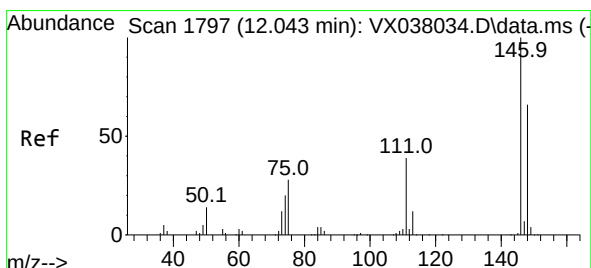
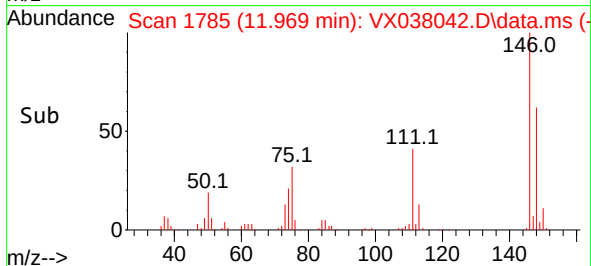
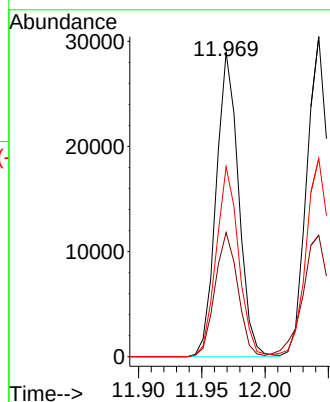
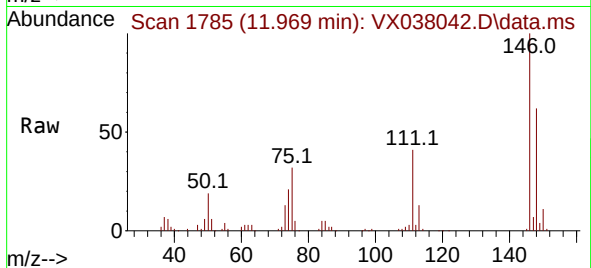
Ion	Ratio	Lower	Upper
146	100		
111	41.5	22.1	66.1
148	62.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#88

1,4-Dichlorobenzene

Concen: 9.398 ug/l

RT: 12.042 min Scan# 1797

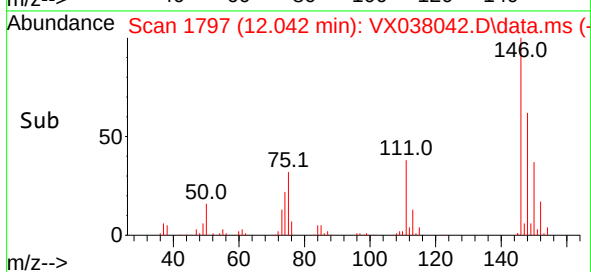
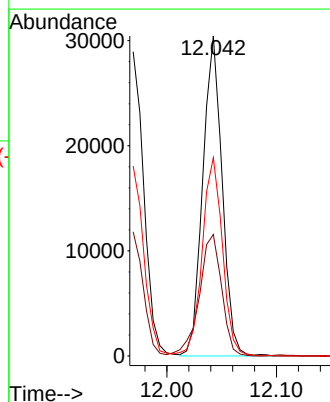
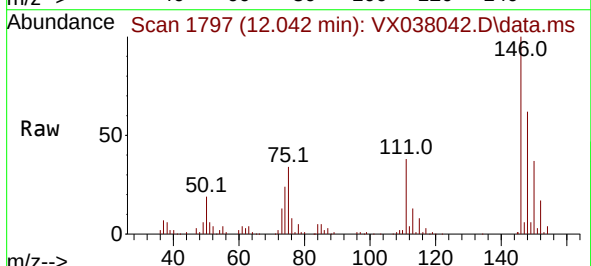
Delta R.T. -0.000 min

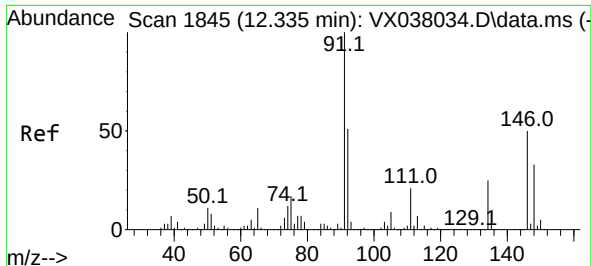
Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Tgt Ion:146 Resp: 37250

Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.3	63.7
148	64.8	31.8	95.4





#89

n-Butylbenzene

Concen: 9.275 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 6525

Ion Ratio Lower Upper

91 100

92 51.8 27.4 82.0

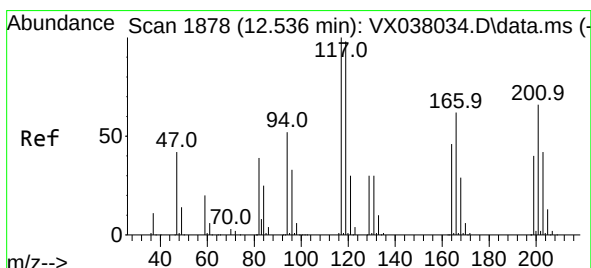
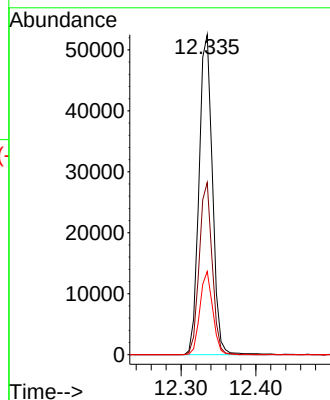
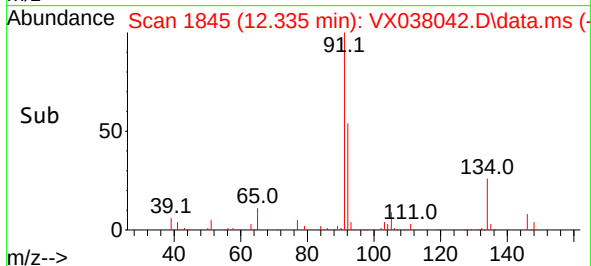
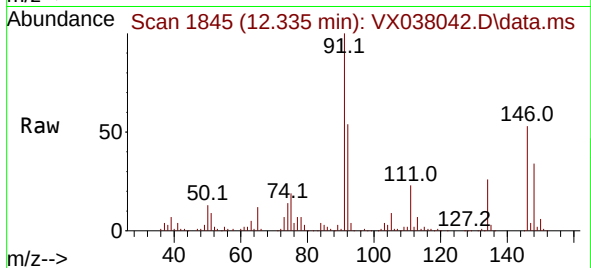
134 24.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#90

Hexachloroethane

Concen: 9.228 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX038042.D

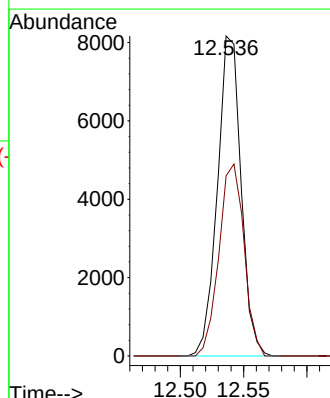
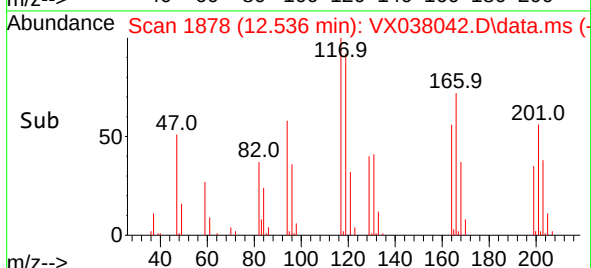
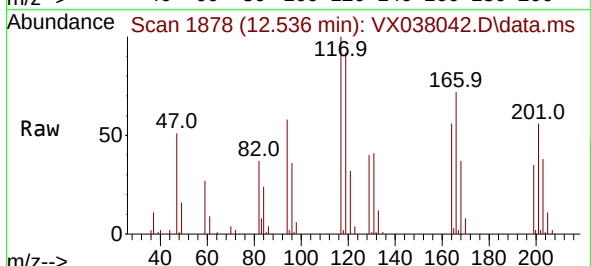
Acq: 03 Oct 2023 16:33

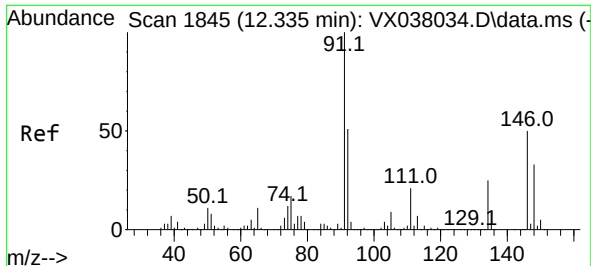
Tgt Ion:117 Resp: 10602

Ion Ratio Lower Upper

117 100

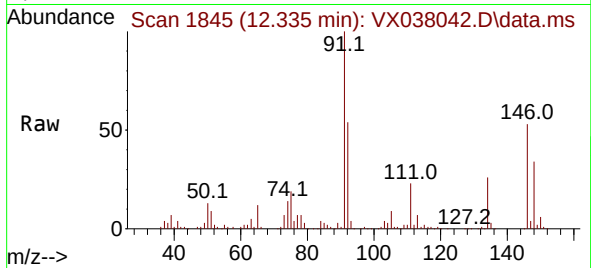
201 63.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 9.309 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

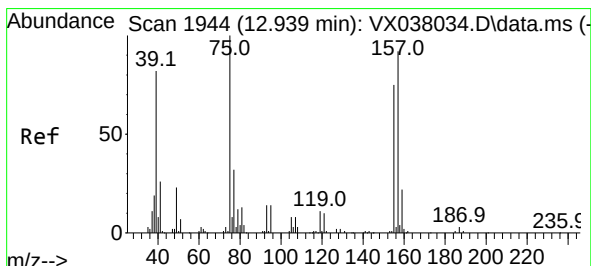
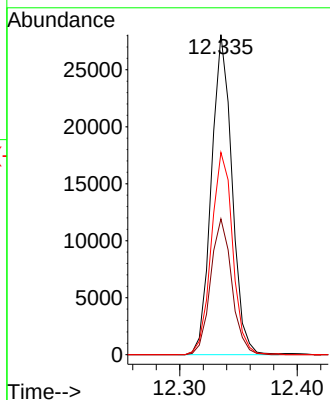
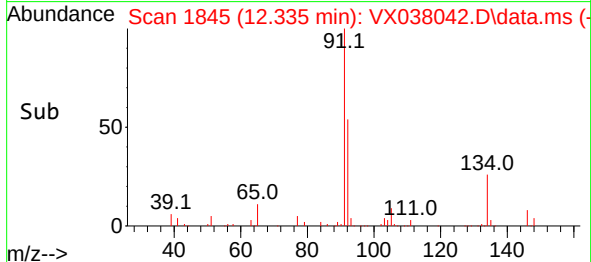
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



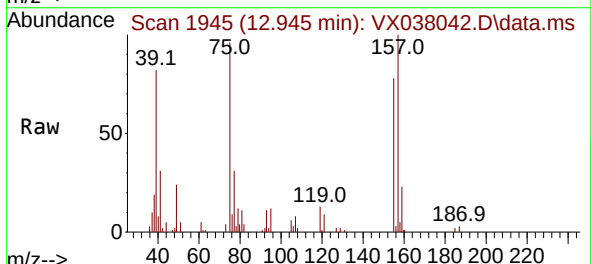
Tgt Ion:146 Resp: 3416
Ion Ratio Lower Upper
146 100
111 43.6 22.4 67.0
148 65.6 31.6 95.0

Manual Integrations
APPROVED

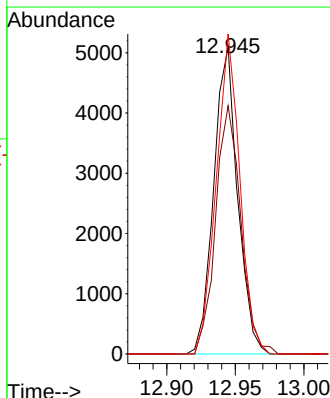
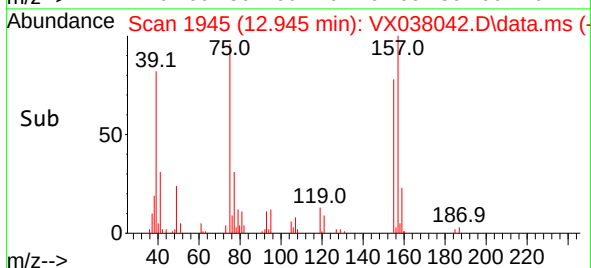
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

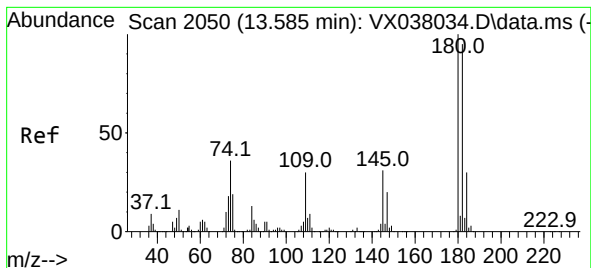


#92
1,2-Dibromo-3-Chloropropane
Concen: 9.262 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33



Tgt Ion: 75 Resp: 6189
Ion Ratio Lower Upper
75 100
155 85.3 36.1 108.5
157 102.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 9.095 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

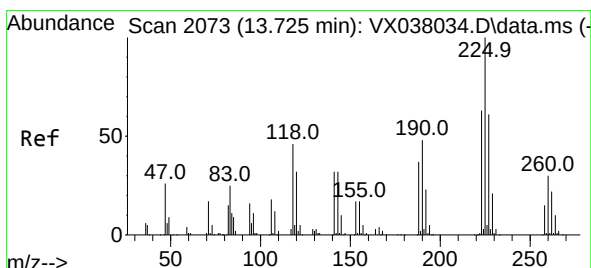
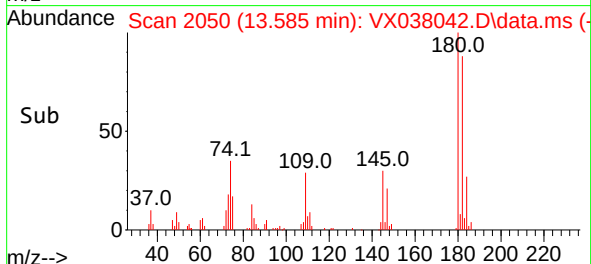
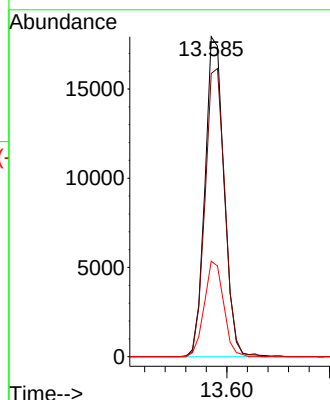
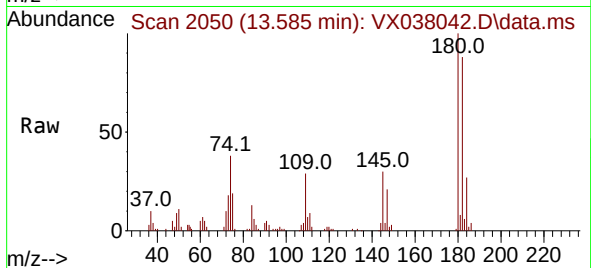
Tgt Ion:180	Resp:	23154
Ion Ratio	Lower	Upper
180	100	
182	93.7	48.3 144.8
145	30.2	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#94

Hexachlorobutadiene

Concen: 9.027 ug/l

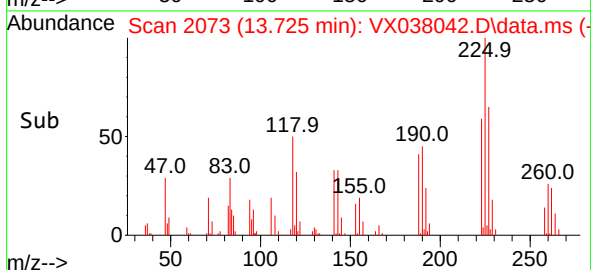
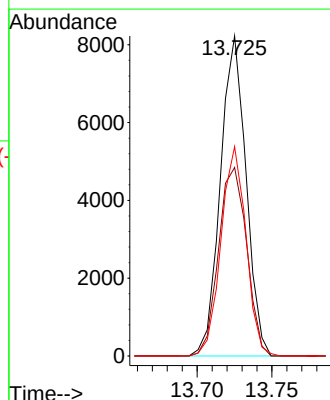
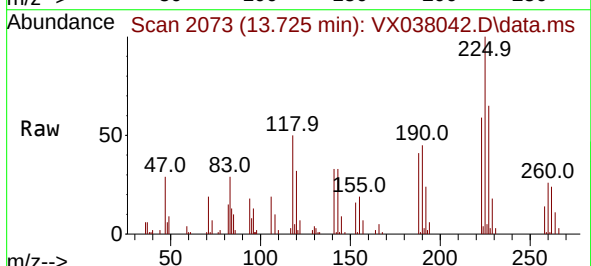
RT: 13.725 min Scan# 2073

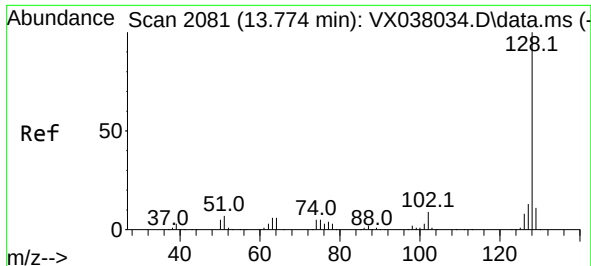
Delta R.T. -0.000 min

Lab File: VX038042.D

Acq: 03 Oct 2023 16:33

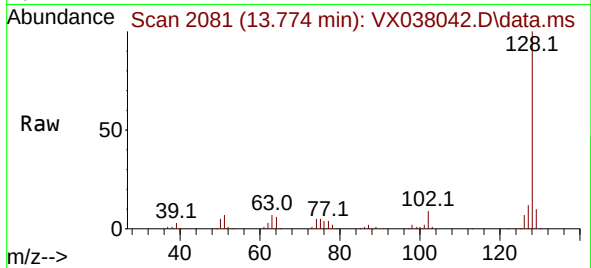
Tgt Ion:225	Resp:	9806
Ion Ratio	Lower	Upper
225	100	
223	64.6	31.1 93.2
227	63.8	32.5 97.5





#95
Naphthalene
Concen: 9.436 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

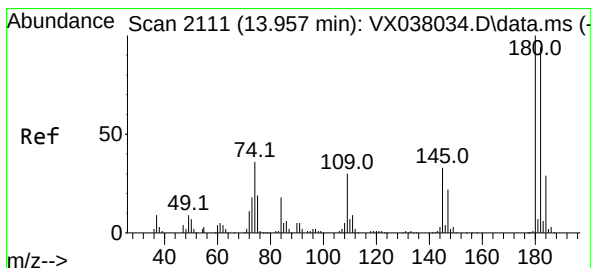
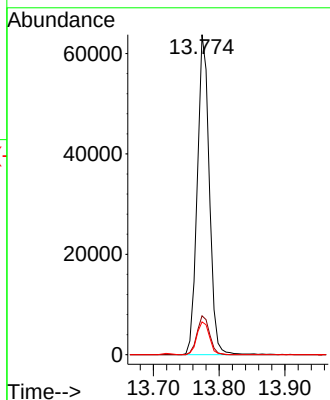
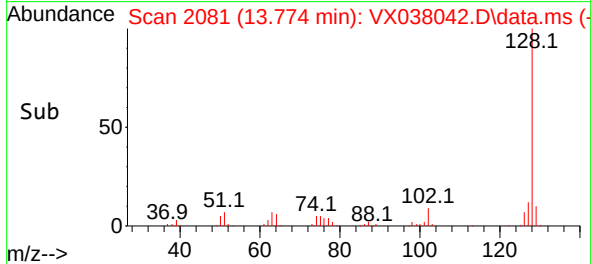
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion:128 Resp: 80978
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#96
1,2,3-Trichlorobenzene
Concen: 9.403 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038042.D
Acq: 03 Oct 2023 16:33

Tgt Ion:180 Resp: 23149
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.6
145 31.7 17.8 53.5

