

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037961.D
 Acq On : 28 Sep 2023 19:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2023
 Supervised By : Semsettin Yesilyurt 09/29/2023

Quant Time: Sep 29 05:33:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 06:08:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	44978	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	249850	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	244038	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	97347	30.025	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.100%			
60) 4-Bromofluorobenzene	11.079	95	117664	29.577	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.600%			
63) Toluene-d8	8.647	98	315970	29.993	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.967%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44265	18.774	ug/l	99
3) Chloromethane	1.301	50	47976	18.999	ug/l	95
4) Vinyl Chloride	1.374	62	54323	19.217	ug/l	100
5) Bromomethane	1.612	94	41776	19.184	ug/l	96
6) Chloroethane	1.691	64	34702	18.286	ug/l	93
7) Trichlorofluoromethane	1.892	101	90293	19.351	ug/l	100
8) Diethyl Ether	2.136	74	33586	19.510	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	45034	18.930	ug/l	99
10) 1,1-Dichloroethene	2.319	96	43287	18.588	ug/l	95
11) Methyl Iodide	2.453	142	59074	18.744	ug/l	99
12) Methyl Acetate	2.703	43	91858	19.407	ug/l	99
13) Acrolein	2.233	56	48907	89.539	ug/l	95
14) Acrylonitrile	3.062	53	125248	95.838	ug/l	98
15) Acetone	2.374	58	34044	90.059	ug/l	93
16) Carbon Disulfide	2.514	76	105618	18.587	ug/l	97
17) Allyl chloride	2.666	41	66368	18.616	ug/l	97
18) Methylene Chloride	2.788	84	53345	19.113	ug/l	93
19) trans-1,2-Dichloroethene	3.093	96	50823	19.363	ug/l	90
20) Diisopropyl ether	3.764	45	144554	18.992	ug/l #	94
21) 1,1-Dichloroethane	3.611	63	87882	19.110	ug/l	97
22) cis-1,2-Dichloroethene	4.495	96	59665	19.146	ug/l	94
23) tert-Butyl Alcohol	2.953	59	53069	97.324	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	153388	19.030	ug/l	96
25) Chloroform	5.099	83	96780	19.136	ug/l	99
26) Cyclohexane	5.471	56	72160	18.439	ug/l #	95
29) 1,1-Dichloropropene	5.696	75	70036	19.391	ug/l	98
30) 2-Butanone	4.556	43	165474	95.468	ug/l	96
31) 2,2-Dichloropropane	4.477	77	65041	17.876	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	82099	18.970	ug/l	97
33) Carbon Tetrachloride	5.684	117	70177	18.943	ug/l	99
34) Benzene	6.044	78	206852	19.172	ug/l #	96
35) Methacrylonitrile	4.922	41	33854	18.578	ug/l	93
36) 1,2-Dichloroethane	6.092	62	73437	19.241	ug/l	97
37) Trichloroethene	7.129	130	56961	19.138	ug/l	93
38) Methylcyclohexane	7.385	83	83300	18.350	ug/l	95
39) 1,2-Dichloropropane	7.434	63	51539	18.672	ug/l	96
40) Dibromomethane	7.586	93	38142	18.727	ug/l	96
41) Bromodichloromethane	7.824	83	71219	19.152	ug/l	98
42) Vinyl Acetate	3.721	43	521116	95.373	ug/l	98

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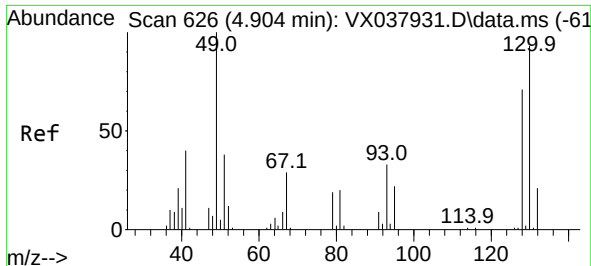
Quant Time: Sep 29 05:33:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
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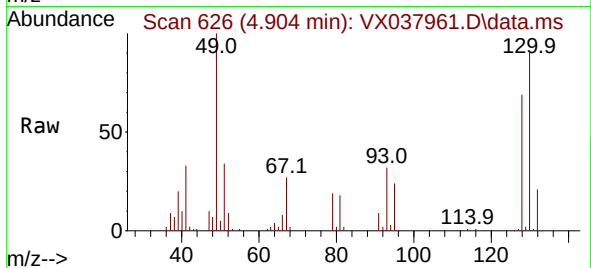
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	62984	18.381	ug/l	100
44) Isopropyl Acetate	6.342	43	105997	18.698	ug/l	96
45) 1,4-Dioxane	7.659	88	25861	395.889	ug/l #	1
46) Methyl methacrylate	7.696	41	50958	18.911	ug/l	89
47) n-amyl Acetate	10.842	43	95723	17.948	ug/l	94
48) t-1,3-Dichloropropene	8.982	75	73235	18.129	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	80874	18.642	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	57031	19.594	ug/l	94
51) Ethyl methacrylate	9.116	69	79572	18.554	ug/l	95
52) 1,3-Dichloropropane	9.311	76	90461	19.375	ug/l	98
53) Dibromochloromethane	9.519	129	55194	18.400	ug/l	99
54) 1,2-Dibromoethane	9.610	107	60728	19.227	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	196214	93.855	ug/l	98
56) Bromoform	10.799	173	39743	17.615	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	341085	95.477	ug/l	95
59) 2-Hexanone	9.427	43	255379	94.132	ug/l	97
61) Tetrachloroethene	9.275	164	49704	19.139	ug/l	97
62) Toluene	8.720	91	237415	18.755	ug/l	99
64) Chlorobenzene	10.079	112	150321	19.036	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	53263	18.581	ug/l	98
66) Ethyl Benzene	10.195	91	264496	18.932	ug/l	96
67) m/p-Xylenes	10.299	106	208251	37.838	ug/l	100
68) o-Xylene	10.640	106	100423	18.842	ug/l	98
69) Styrene	10.653	104	167358	18.717	ug/l	96
70) Isopropylbenzene	10.964	105	267602	18.919	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.213	83	87731	18.819	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	75684m	18.490	ug/l	
73) Bromobenzene	11.201	156	66604	18.565	ug/l	92
74) n-propylbenzene	11.305	91	320583	18.971	ug/l	100
75) 2-Chlorotoluene	11.366	91	186872	18.889	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	228393	18.724	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	20773	16.024	ug/l	96
78) 4-Chlorotoluene	11.451	91	218254	18.806	ug/l	98
79) tert-butylbenzene	11.713	119	225051	18.746	ug/l	95
80) 1,2,4-Trimethylbenzene	11.750	105	227595	18.770	ug/l	99
81) sec-Butylbenzene	11.890	105	292725	18.960	ug/l	99
82) p-Isopropyltoluene	12.012	119	241855	18.659	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	130177	18.779	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	134282	19.117	ug/l	98
85) n-Butylbenzene	12.329	91	222173	18.320	ug/l	99
86) Hexachloroethane	12.536	117	37260	17.644	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	128160	18.764	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	17267	18.596	ug/l	86
89) 1,2,4-Trichlorobenzene	13.585	180	88864	19.123	ug/l	100
90) Hexachlorobutadiene	13.725	225	38275	18.749	ug/l	96
91) Naphthalene	13.774	128	270492	19.193	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	85486	18.896	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

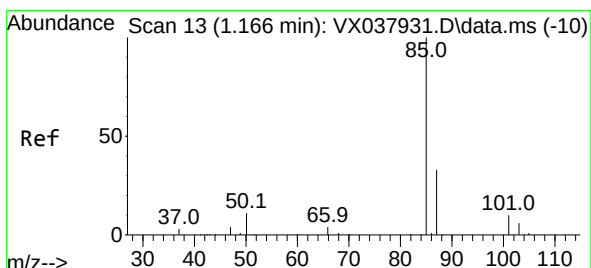
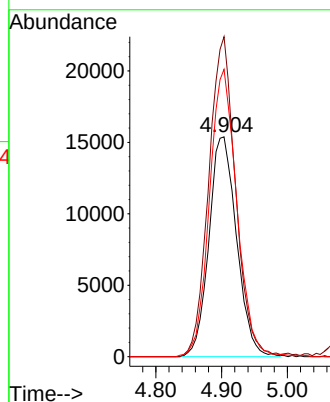
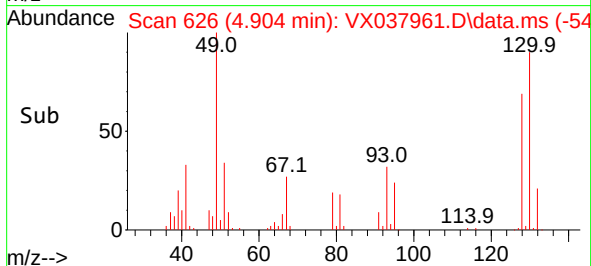
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 44978
Ion Ratio Lower Upper
128 100
49 141.6 0.0 406.3
130 129.5 0.0 328.0

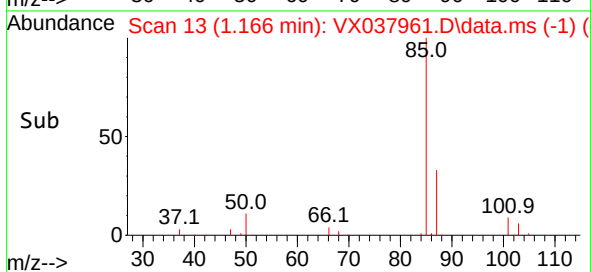
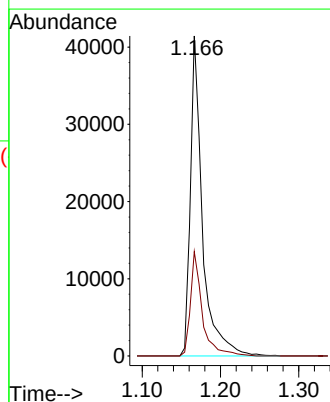
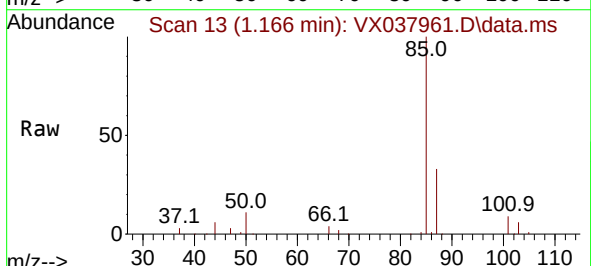
Manual Integrations
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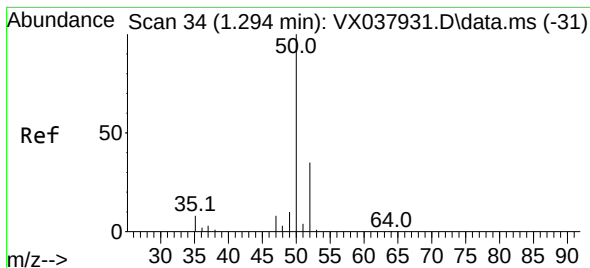
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#2
Dichlorodifluoromethane
Concen: 18.774 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

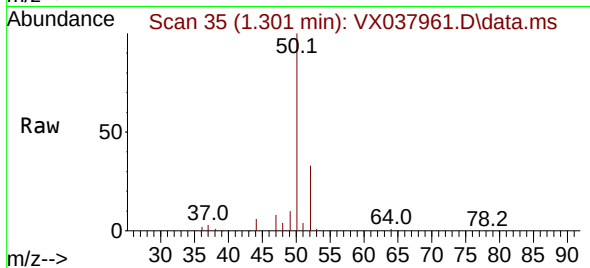
Tgt Ion: 85 Resp: 44265
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.4





#3
Chloromethane
Concen: 18.999 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

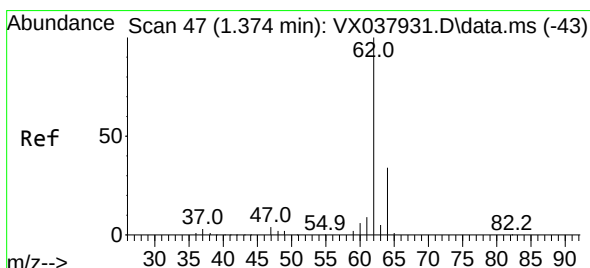
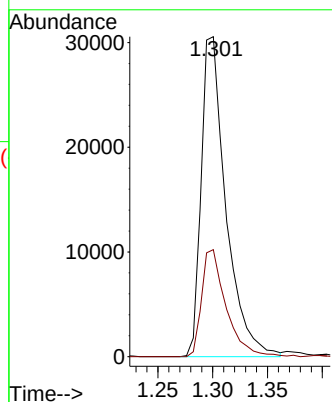
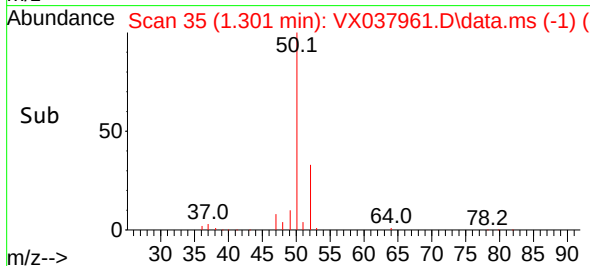
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 47970
Ion Ratio Lower Upper
50 100
52 33.4 24.5 36.7

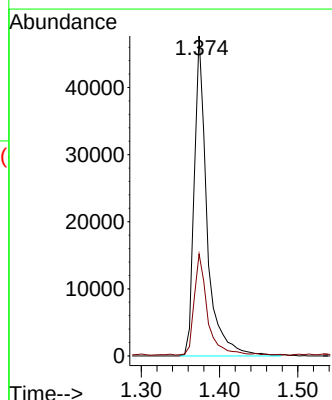
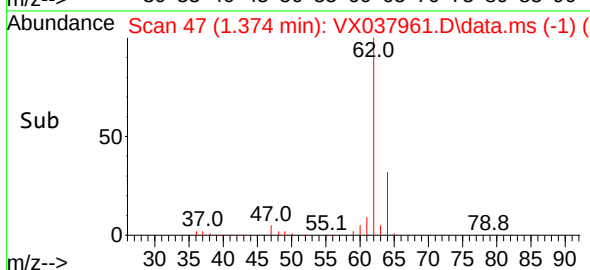
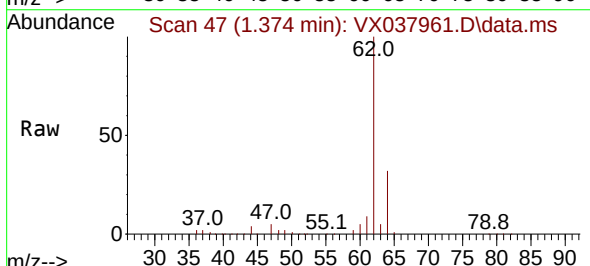
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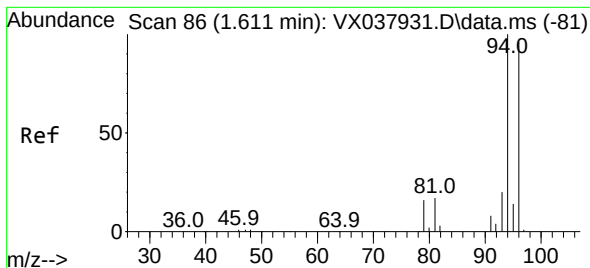
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#4
Vinyl Chloride
Concen: 19.217 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Tgt Ion: 62 Resp: 54323
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9





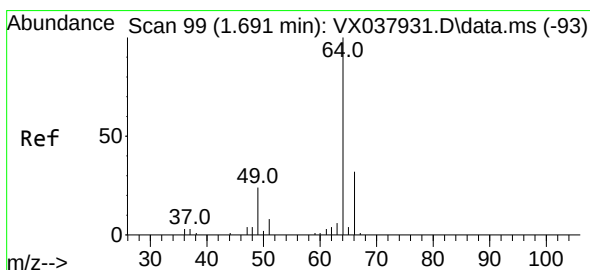
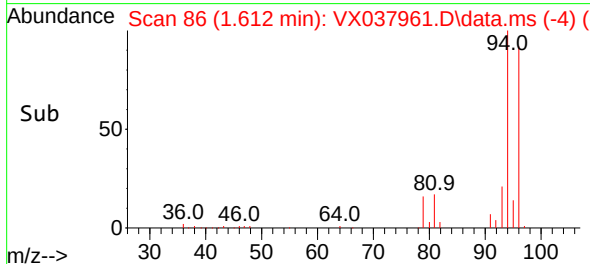
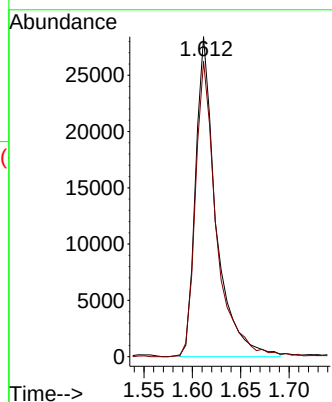
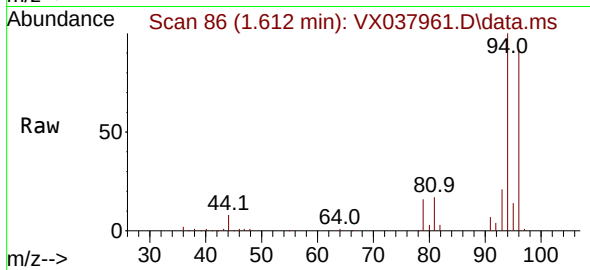
#5
Bromomethane
Concen: 19.184 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 41770
Ion Ratio Lower Upper
94 100
96 92.6 77.4 116.2

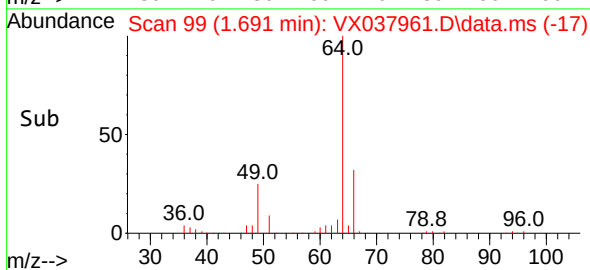
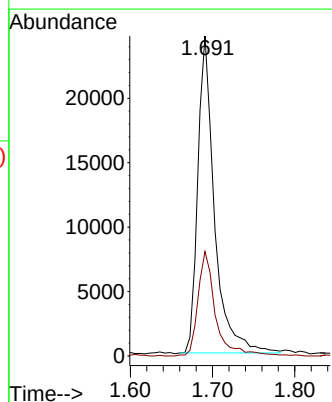
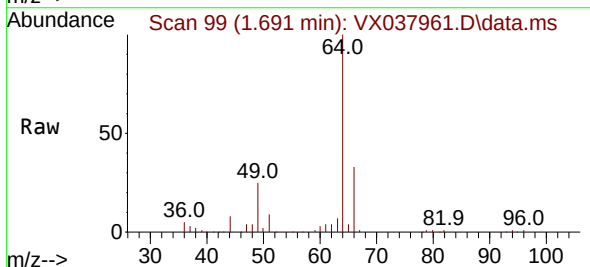
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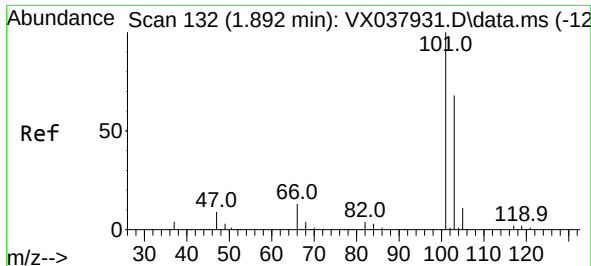
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#6
Chloroethane
Concen: 18.286 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

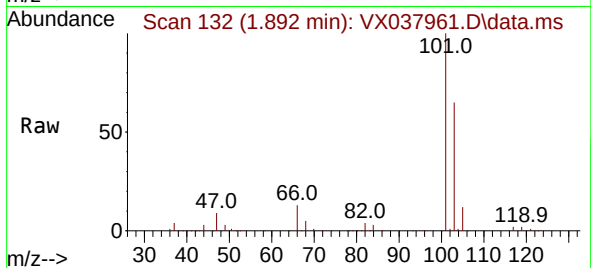
Tgt Ion: 64 Resp: 34702
Ion Ratio Lower Upper
64 100
66 32.7 23.1 34.7





#7
Trichlorofluoromethane
Concen: 19.351 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

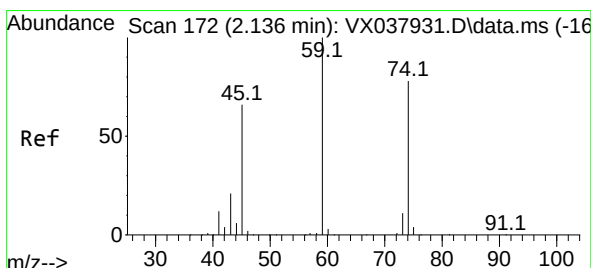
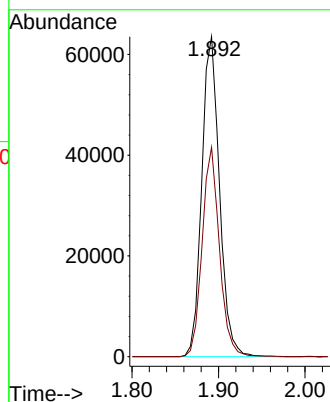
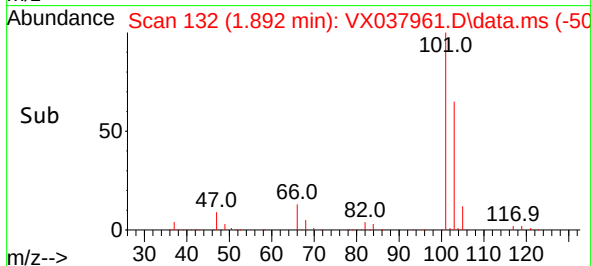
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Tgt Ion:101 Resp: 9029
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.2

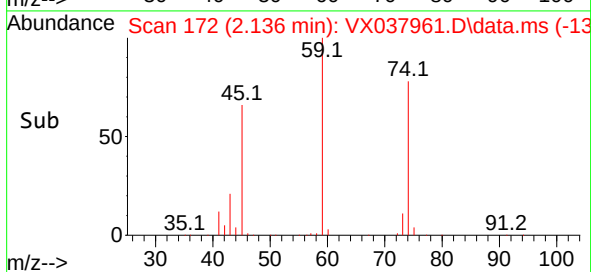
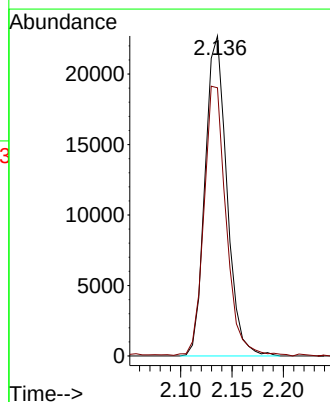
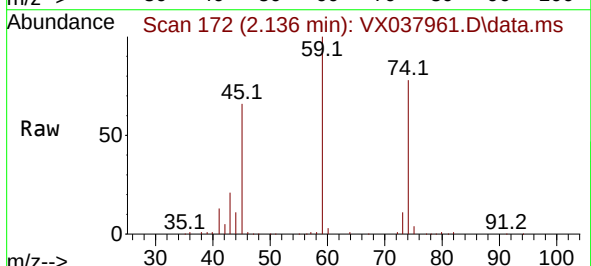
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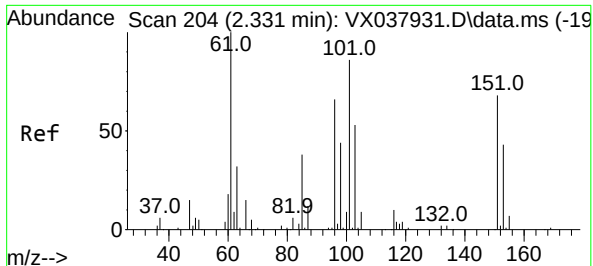
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#8
Diethyl Ether
Concen: 19.510 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Tgt Ion: 74 Resp: 33586
Ion Ratio Lower Upper
74 100
45 86.0 19.9 178.9





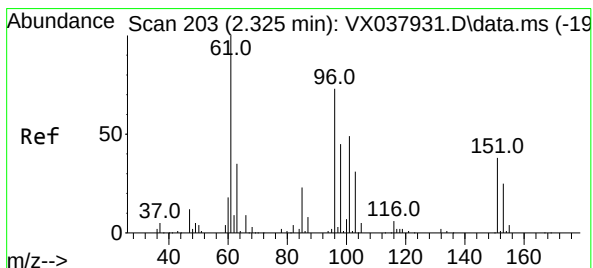
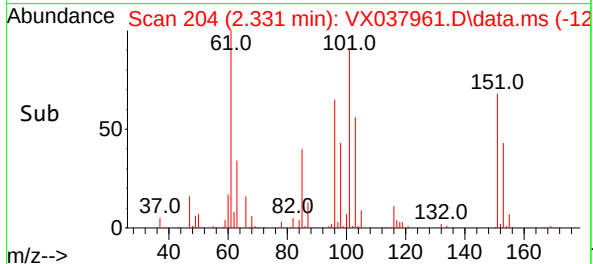
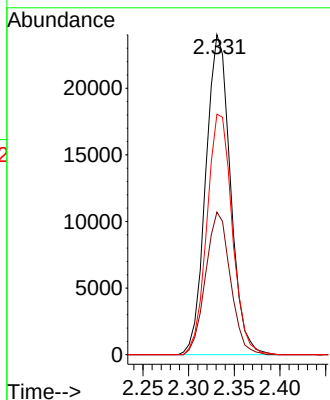
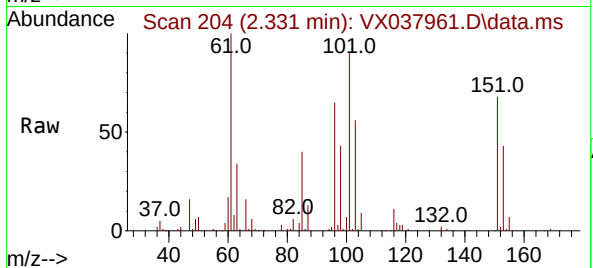
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.930 ug/l
 RT: 2.331 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VX037961.D
 Acq: 28 Sep 2023 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:101 Resp: 45034
 Ion Ratio Lower Upper
 101 100
 85 44.8 0.0 91.0
 151 77.3 0.0 155.4

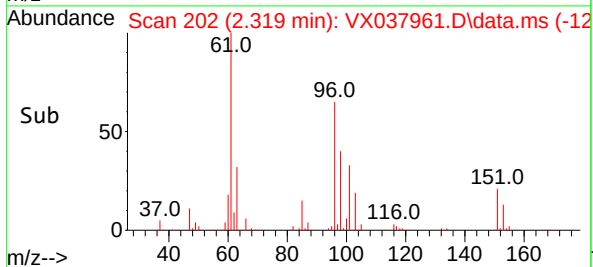
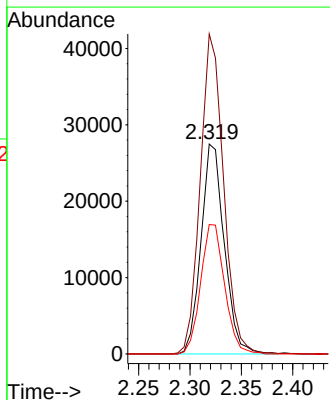
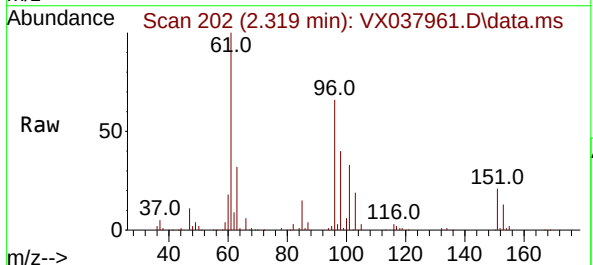
Manual Integrations
 APPROVED

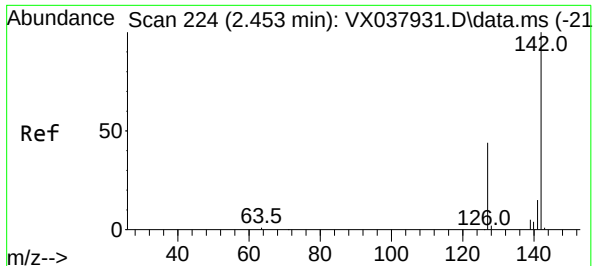
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023



#10
 1,1-Dichloroethene
 Concen: 18.588 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. -0.006 min
 Lab File: VX037961.D
 Acq: 28 Sep 2023 19:40

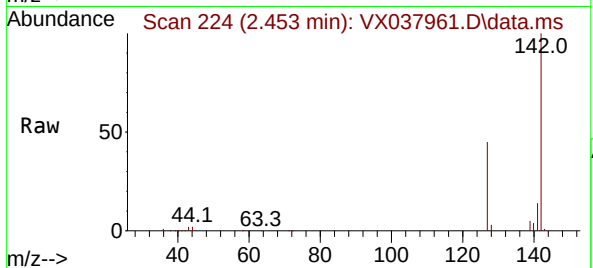
Tgt Ion: 96 Resp: 43287
 Ion Ratio Lower Upper
 96 100
 61 152.2 127.2 190.8
 98 61.7 52.7 79.1





#11
Methyl Iodide
Concen: 18.744 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

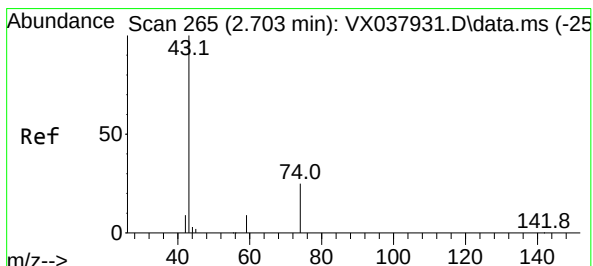
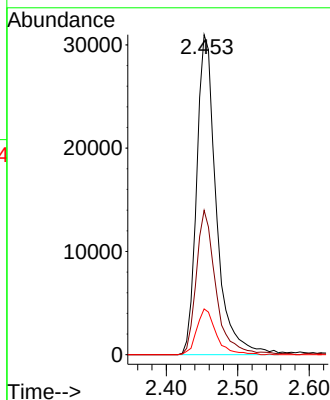
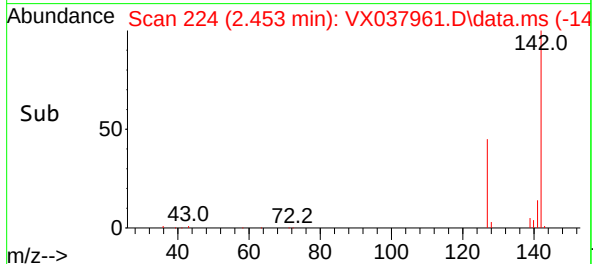
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



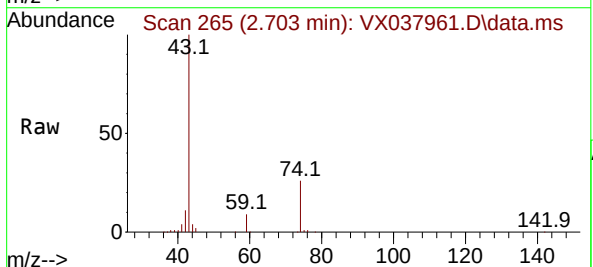
Tgt Ion:142 Resp: 59074
Ion Ratio Lower Upper
142 100
127 45.1 22.9 68.8
141 14.3 7.5 22.6

Manual Integrations
APPROVED

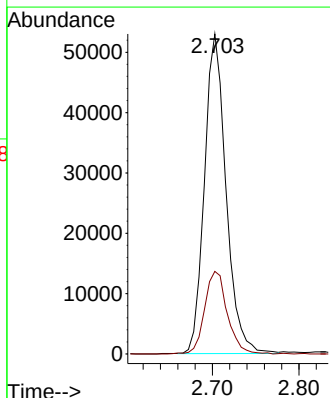
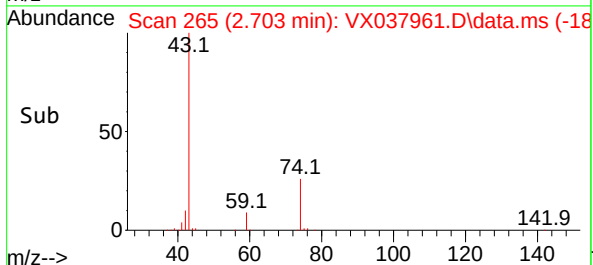
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

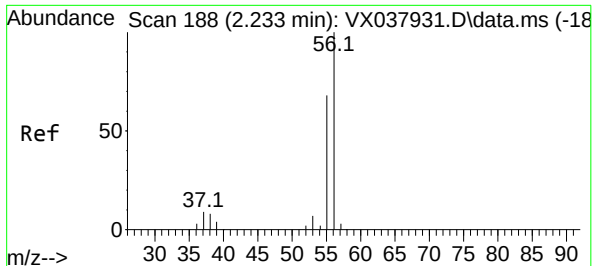


#12
Methyl Acetate
Concen: 19.407 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40



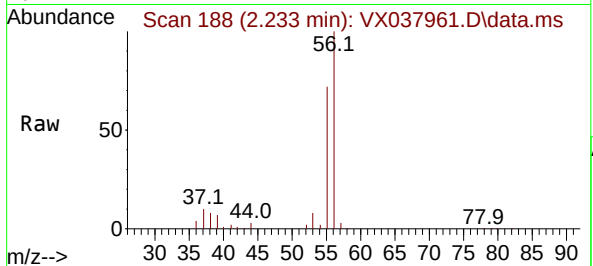
Tgt Ion: 43 Resp: 91858
Ion Ratio Lower Upper
43 100
74 25.7 20.3 30.5





#13
Acrolein
Concen: 89.539 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

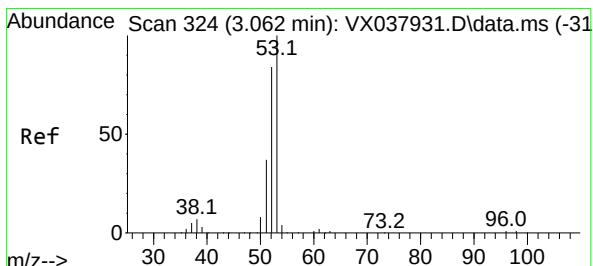
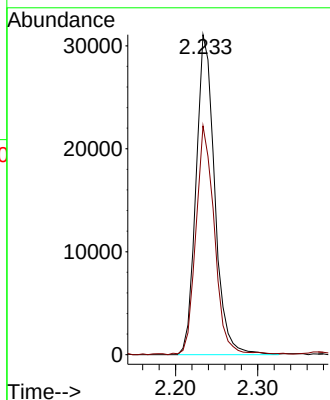
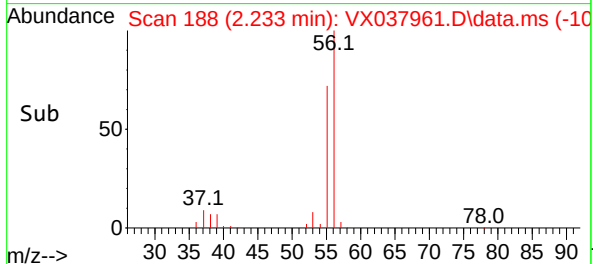
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 4890
Ion Ratio Lower Upper
56 100
55 70.8 59.7 89.5

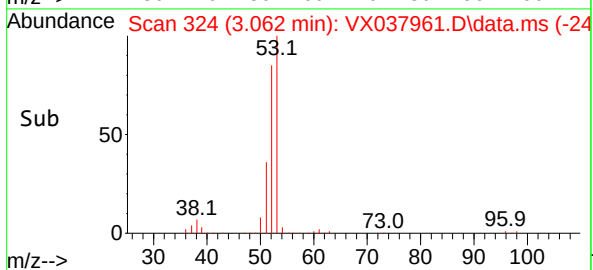
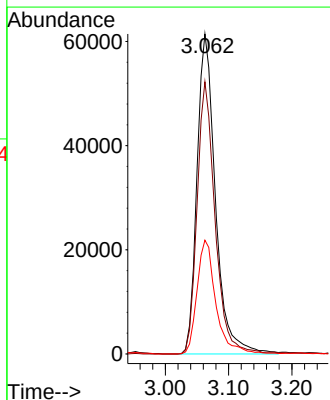
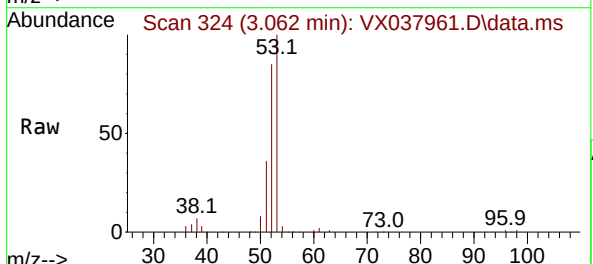
Manual Integrations
APPROVED

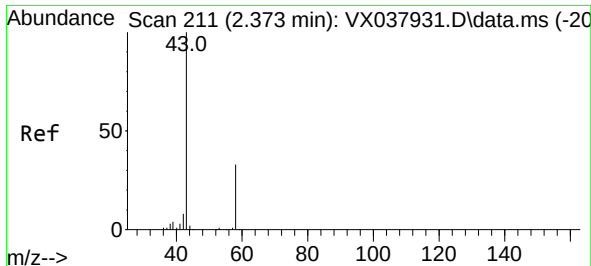
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#14
Acrylonitrile
Concen: 95.838 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Tgt Ion: 53 Resp: 125248
Ion Ratio Lower Upper
53 100
52 82.6 40.0 119.9
51 36.3 18.2 54.6





#15

Acetone

Concen: 90.059 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX037961.D

Acq: 28 Sep 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 3404

Ion Ratio Lower Upper

58 100

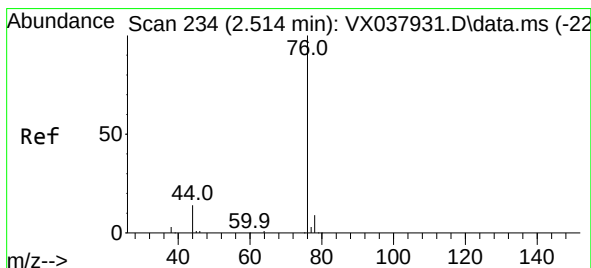
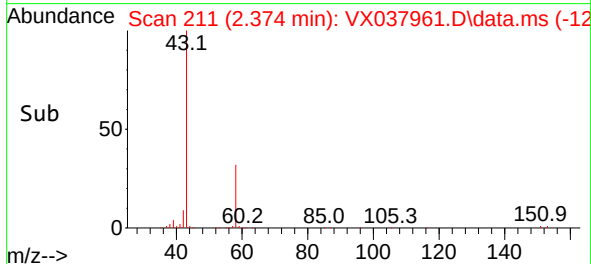
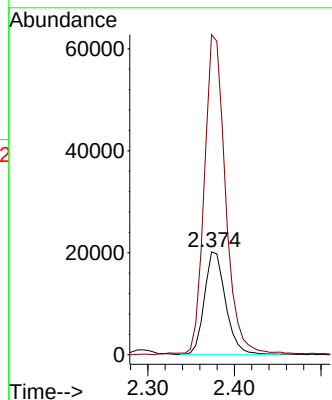
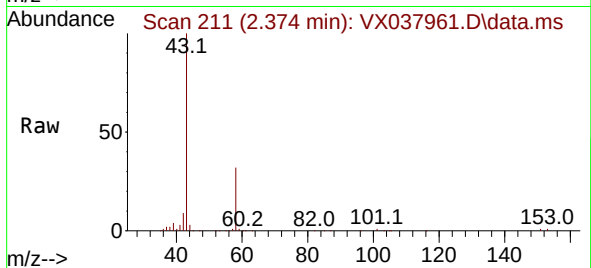
43 311.2 261.0 391.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#16

Carbon Disulfide

Concen: 18.587 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX037961.D

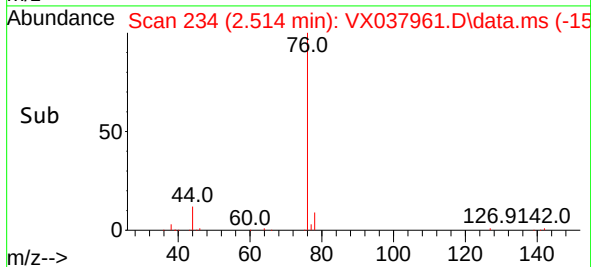
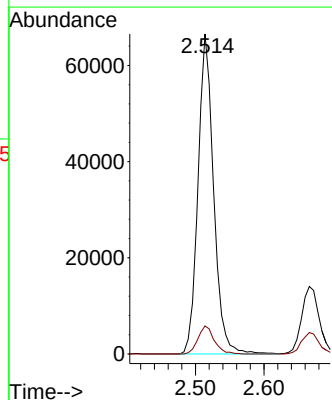
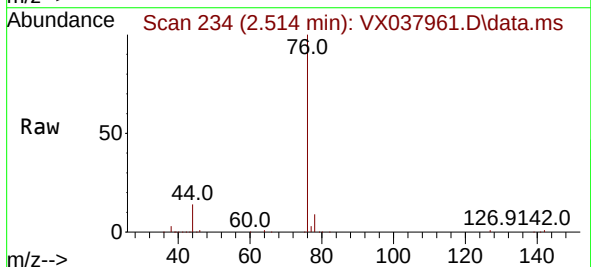
Acq: 28 Sep 2023 19:40

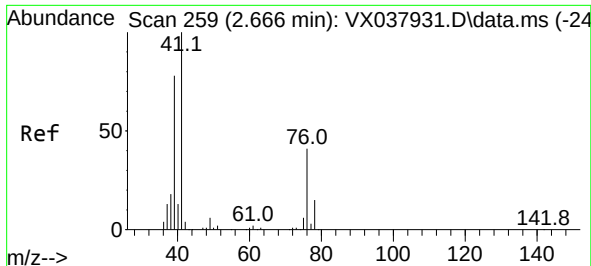
Tgt Ion: 76 Resp: 105618

Ion Ratio Lower Upper

76 100

78 8.8 8.0 12.0





#17

Allyl chloride

Concen: 18.616 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX037961.D

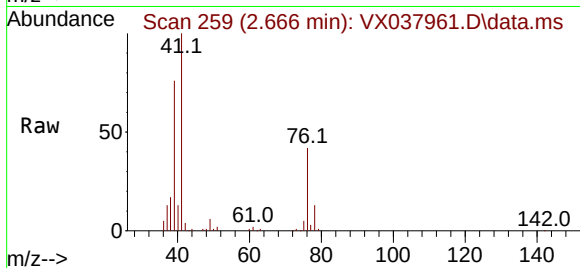
Acq: 28 Sep 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



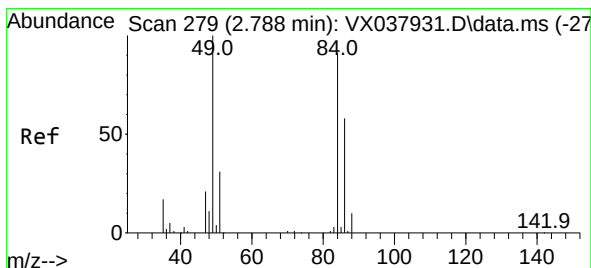
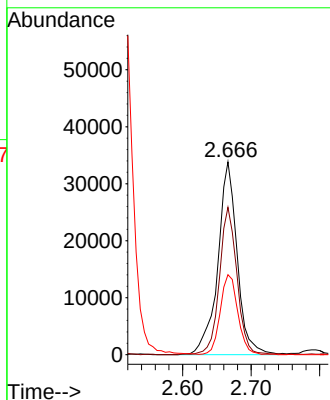
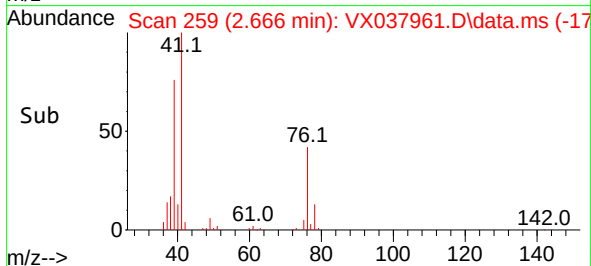
Tgt Ion: 41	Resp: 6636
Ion Ratio	Lower Upper
41	100
39	76.4 38.5 115.3
76	41.5 18.6 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#18

Methylene Chloride

Concen: 19.113 ug/l

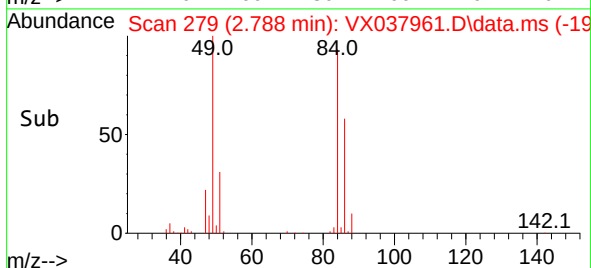
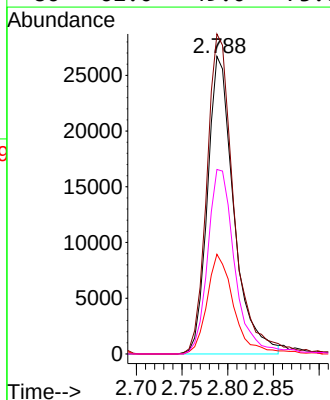
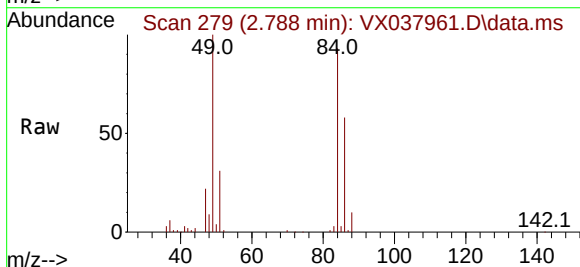
RT: 2.788 min Scan# 279

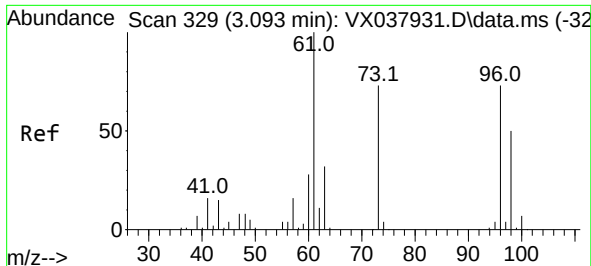
Delta R.T. 0.000 min

Lab File: VX037961.D

Acq: 28 Sep 2023 19:40

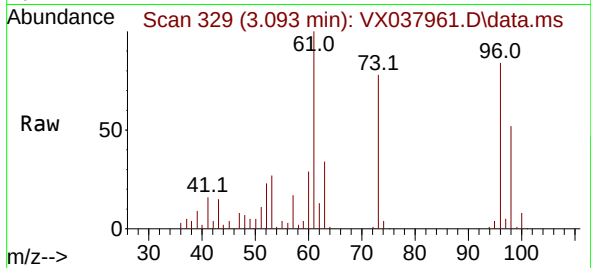
Tgt Ion: 84	Resp: 53345
Ion Ratio	Lower Upper
84	100
49	107.5 95.4 143.0
51	33.5 28.3 42.5
86	62.0 49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 19.363 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

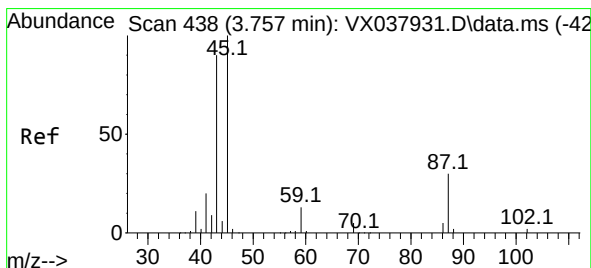
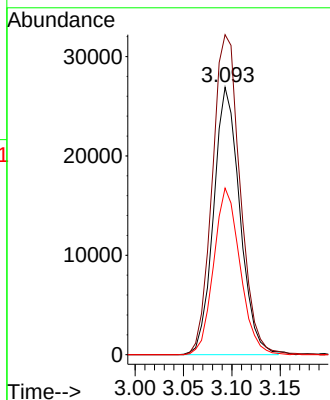
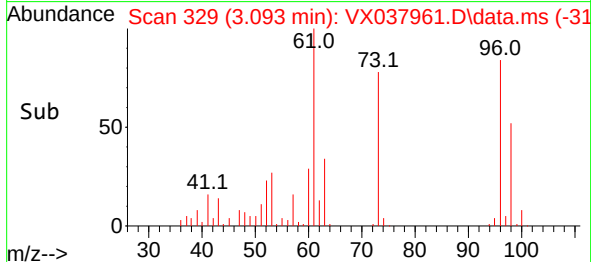
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



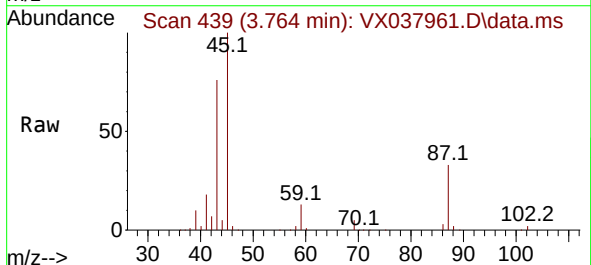
Tgt Ion: 96 Resp: 5082
Ion Ratio Lower Upper
96 100
61 119.7 108.7 163.1
98 62.3 49.1 73.7

Manual Integrations
APPROVED

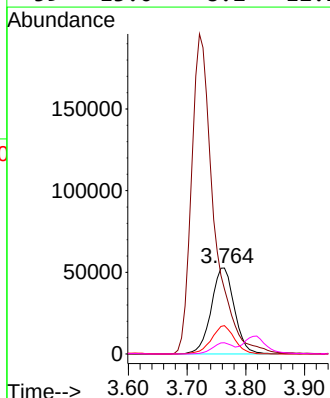
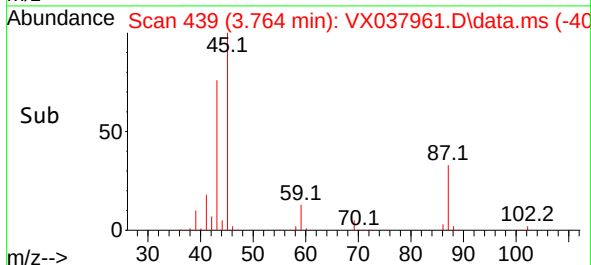
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

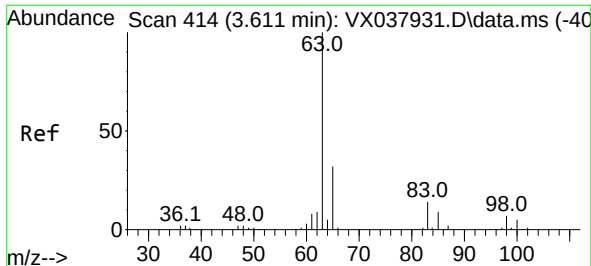


#20
Diisopropyl ether
Concen: 18.992 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40



Tgt Ion: 45 Resp: 144554
Ion Ratio Lower Upper
45 100
43 74.0 55.8 83.6
87 33.0 23.0 34.4
59 13.0 8.2 12.2#





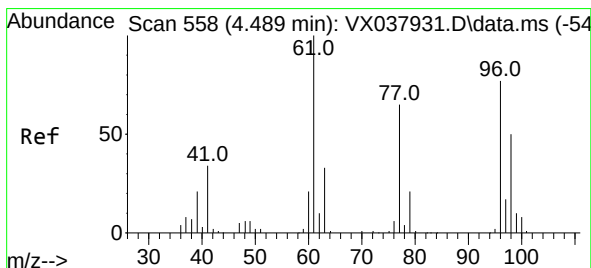
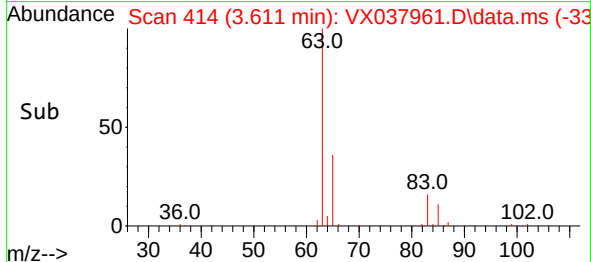
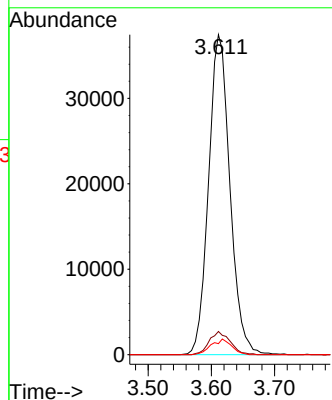
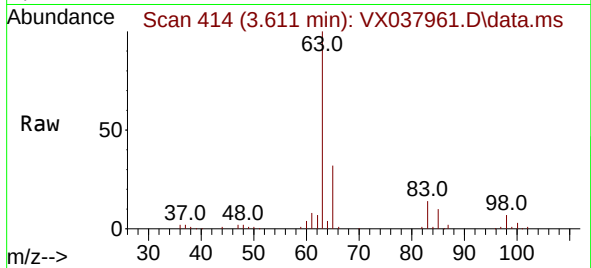
#21
1,1-Dichloroethane
Concen: 19.110 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 8788
Ion Ratio Lower Upper
63 100
98 7.3 3.2 9.6
100 3.5 2.3 6.8

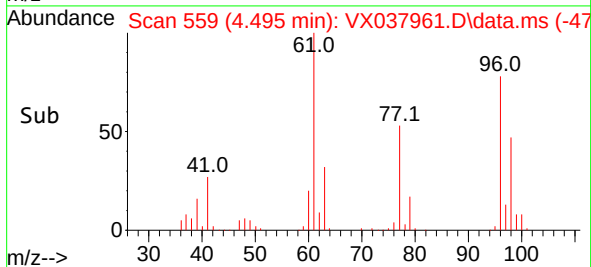
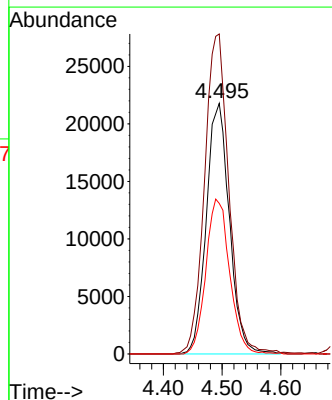
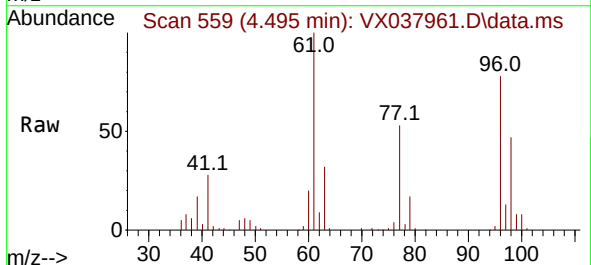
Manual Integrations
APPROVED

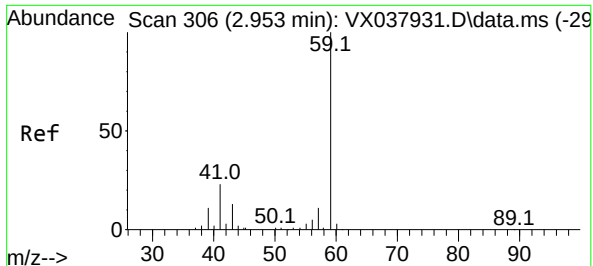
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#22
cis-1,2-Dichloroethene
Concen: 19.146 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Tgt Ion: 96 Resp: 59665
Ion Ratio Lower Upper
96 100
61 133.2 114.0 171.0
98 63.4 51.6 77.4





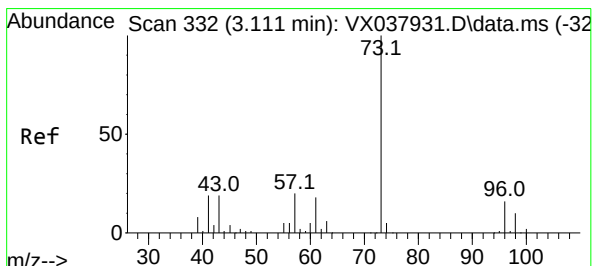
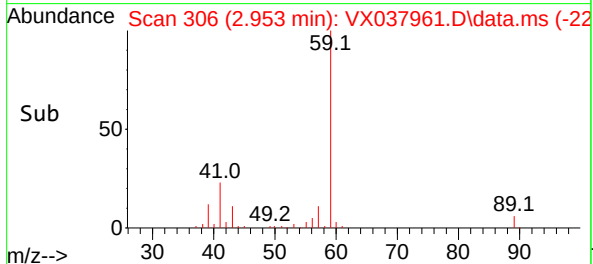
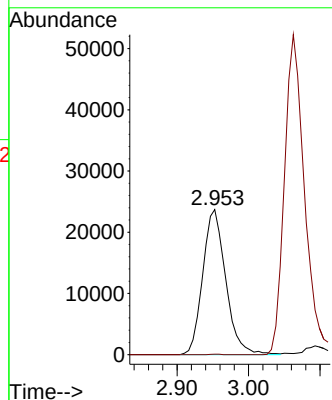
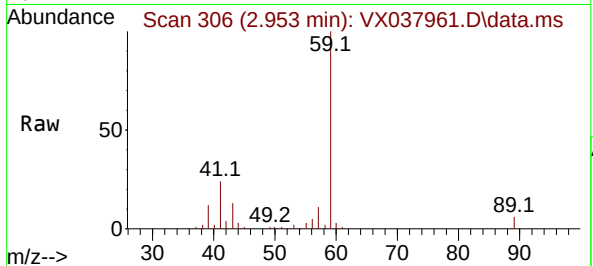
#23
tert-Butyl Alcohol
Concen: 97.324 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 53069
Ion Ratio Lower Upper
59 100
52 0.2 142.6 213.8

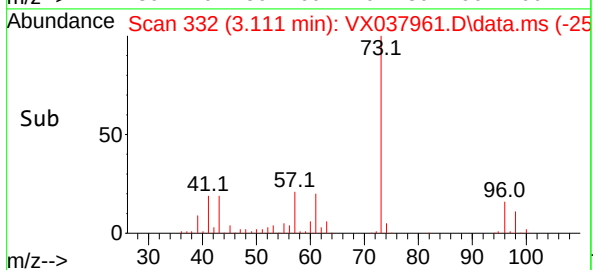
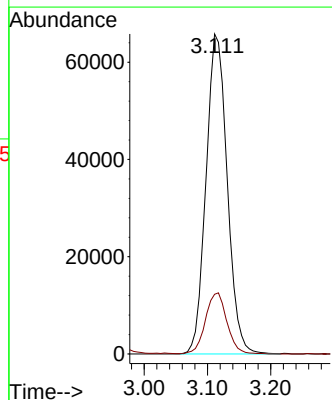
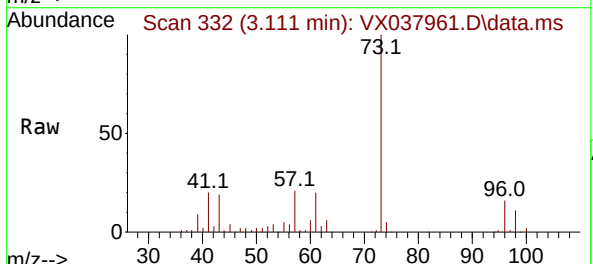
Manual Integrations
APPROVED

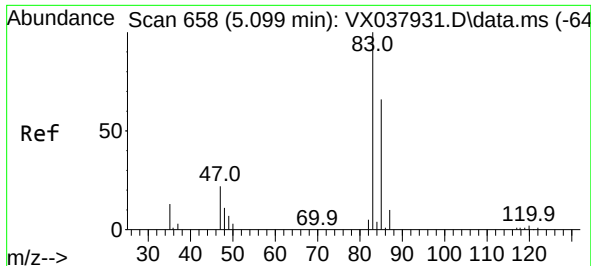
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#24
Methyl tert-Butyl Ether
Concen: 19.030 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Tgt Ion: 73 Resp: 153388
Ion Ratio Lower Upper
73 100
43 18.9 16.8 25.2





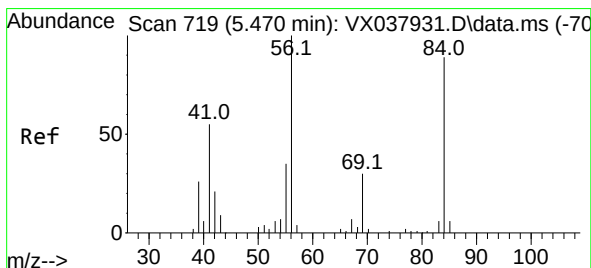
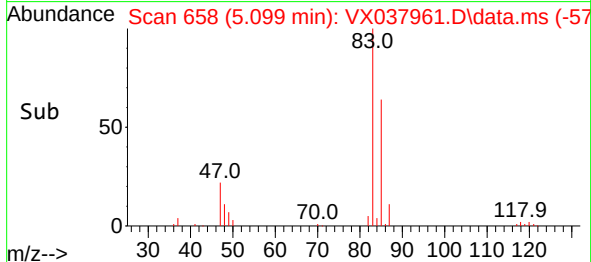
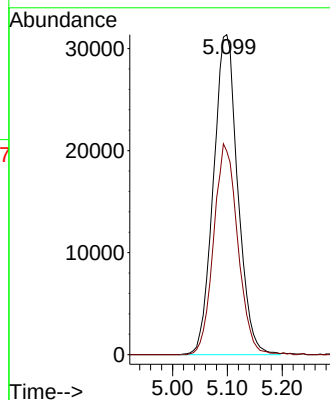
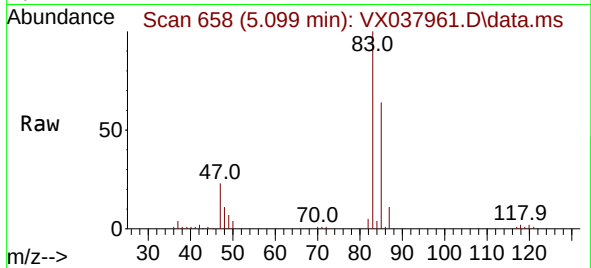
#25
Chloroform
Concen: 19.136 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 96780
Ion Ratio Lower Upper
83 100
85 63.6 51.5 77.3

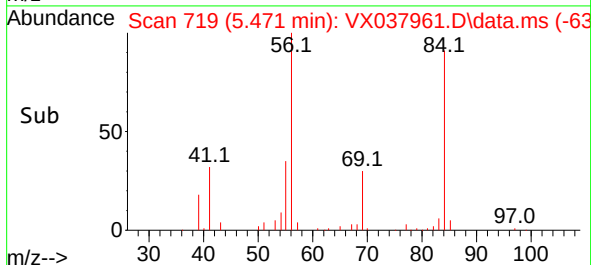
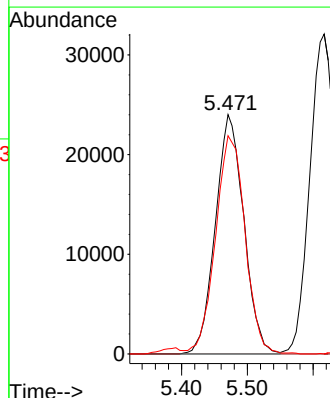
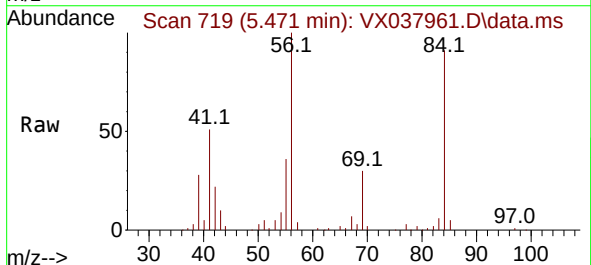
Manual Integrations
APPROVED

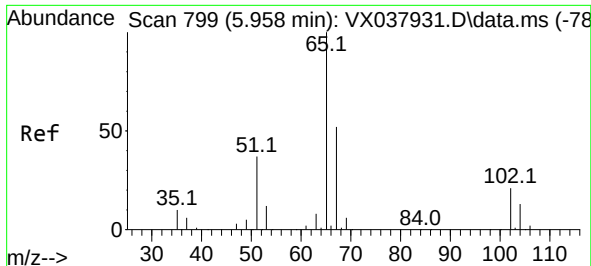
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#26
Cyclohexane
Concen: 18.439 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Tgt Ion: 56 Resp: 72160
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.0 71.4 107.2





#27
1,2-Dichloroethane-d4
Concen: 30.025 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

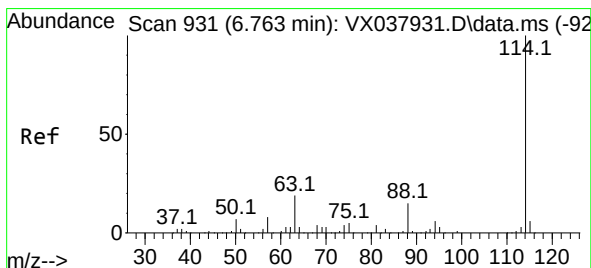
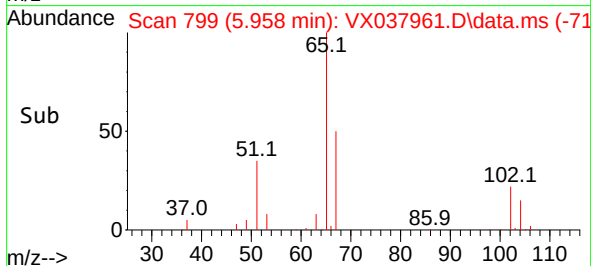
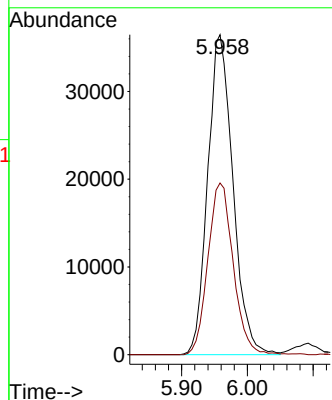
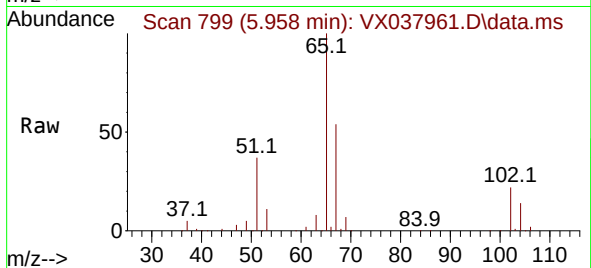
VSTDCCC020EC

Tgt Ion: 65 Resp: 9734
Ion Ratio Lower Upper
65 100
67 53.6 42.1 63.1

Manual Integrations

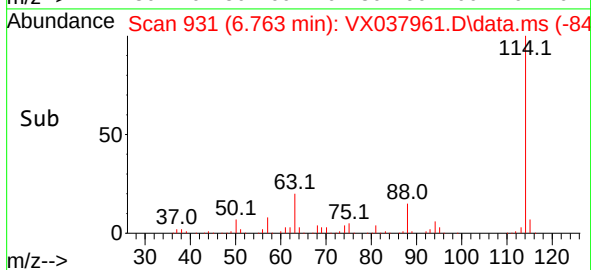
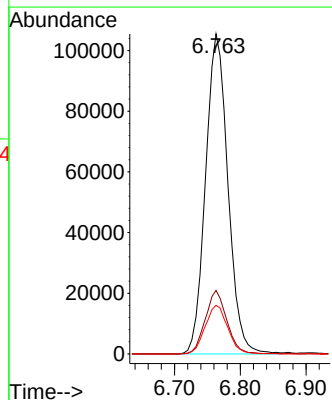
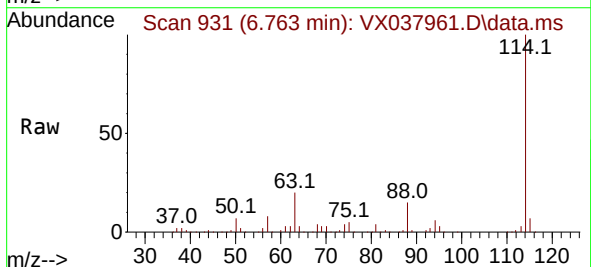
APPROVED

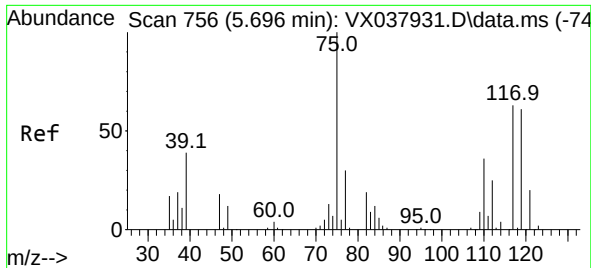
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Tgt Ion:114 Resp: 249850
Ion Ratio Lower Upper
114 100
63 19.0 16.6 24.8
88 15.4 12.9 19.3





#29
1,1-Dichloropropene
Concen: 19.391 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Instrument :

MSVOA_X

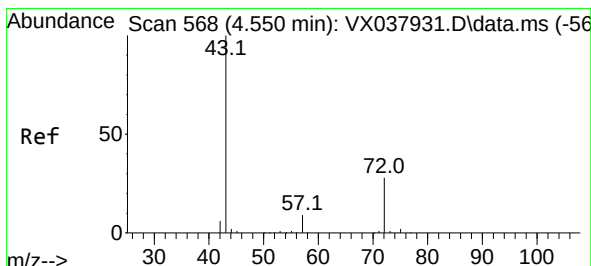
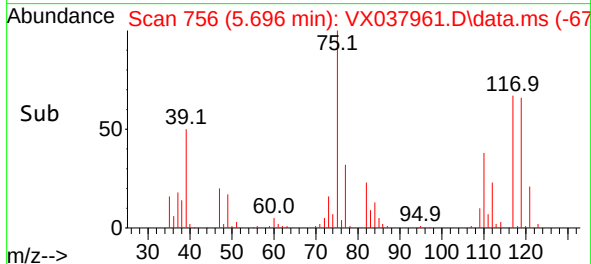
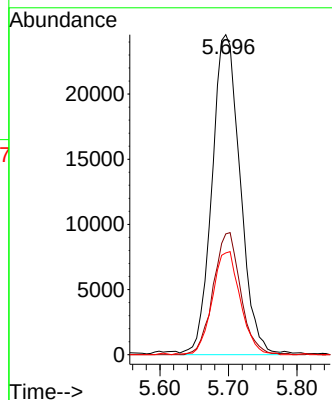
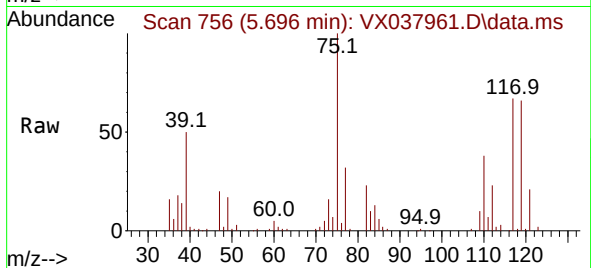
ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 70030
Ion Ratio Lower Upper
75 100
110 36.9 0.0 70.4
77 31.1 0.0 62.8

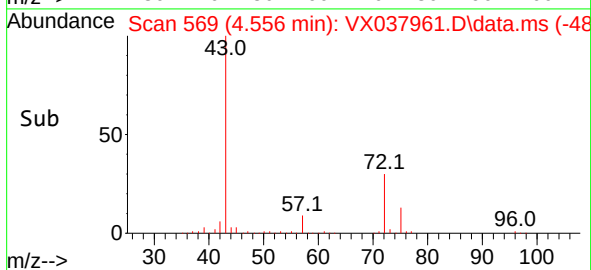
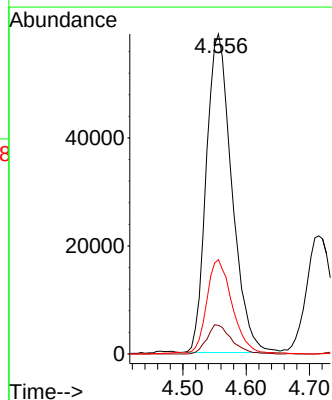
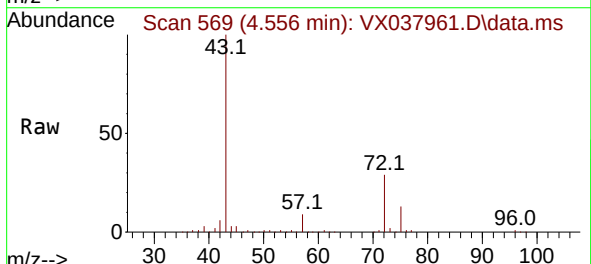
Manual Integrations
APPROVED

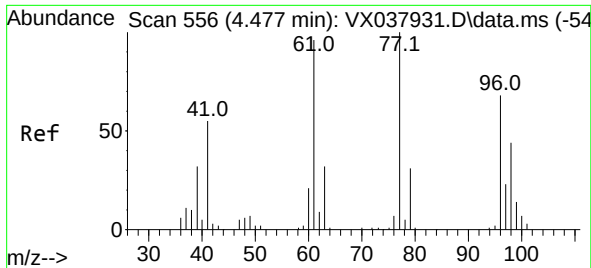
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#30
2-Butanone
Concen: 95.468 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Tgt Ion: 43 Resp: 165474
Ion Ratio Lower Upper
43 100
57 8.8 6.4 9.6
72 29.6 21.6 32.4





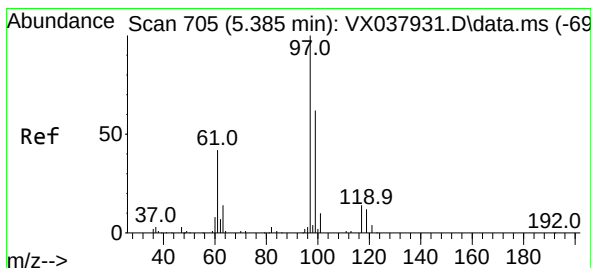
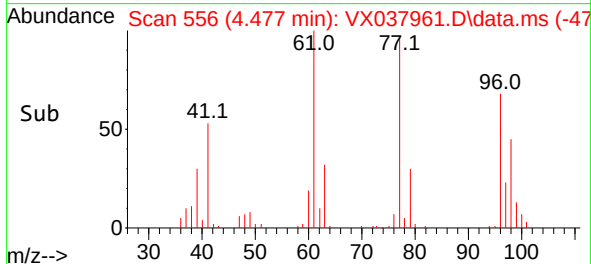
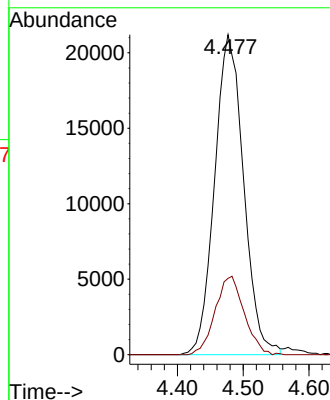
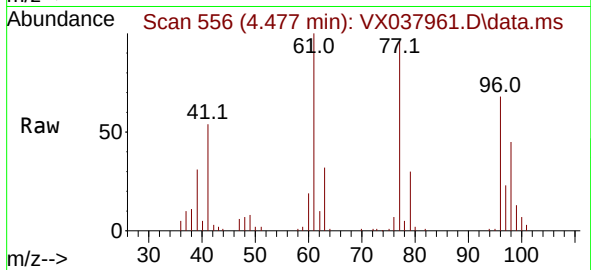
#31
2,2-Dichloropropane
Concen: 17.876 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 6504
Ion Ratio Lower Upper
77 100
97 24.5 18.6 27.8

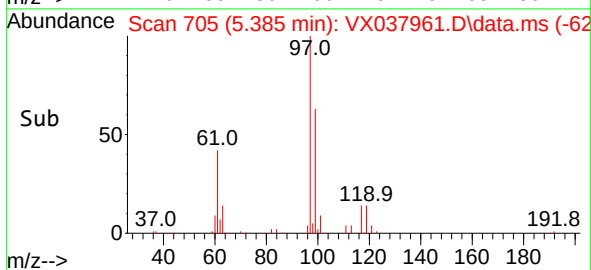
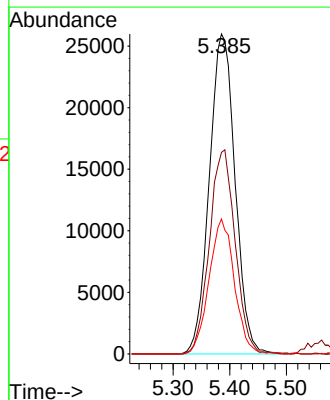
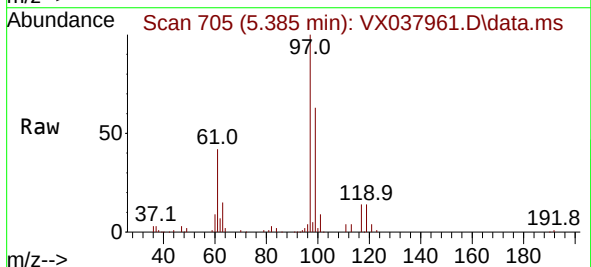
Manual Integrations
APPROVED

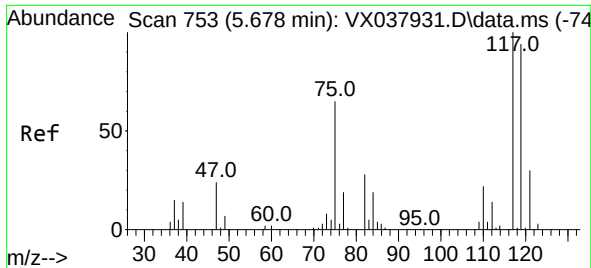
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#32
1,1,1-Trichloroethane
Concen: 18.970 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Tgt Ion: 97 Resp: 82099
Ion Ratio Lower Upper
97 100
99 63.6 51.5 77.3
61 41.3 35.8 53.8





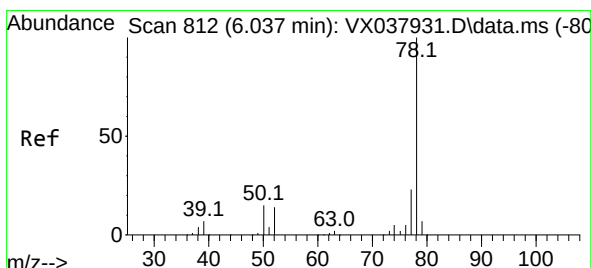
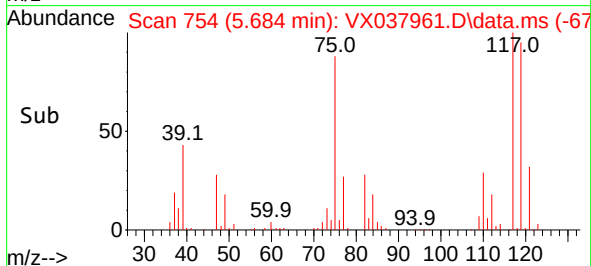
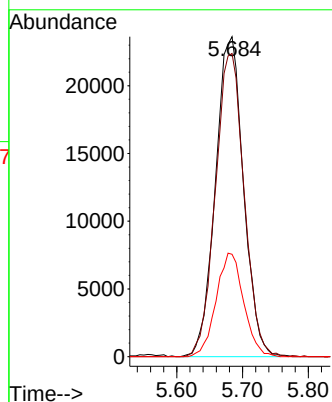
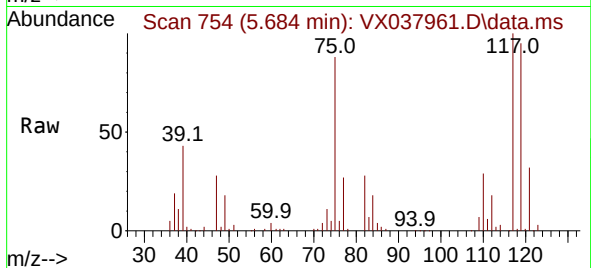
#33
Carbon Tetrachloride
Concen: 18.943 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 7017
Ion Ratio Lower Upper
117 100
119 94.8 76.6 115.0
121 32.0 26.5 39.7

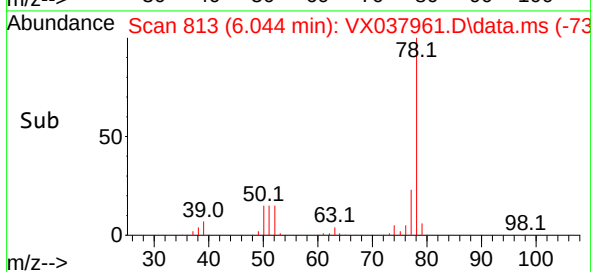
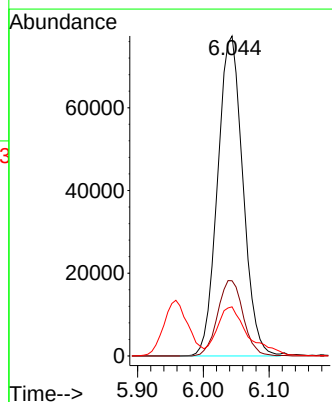
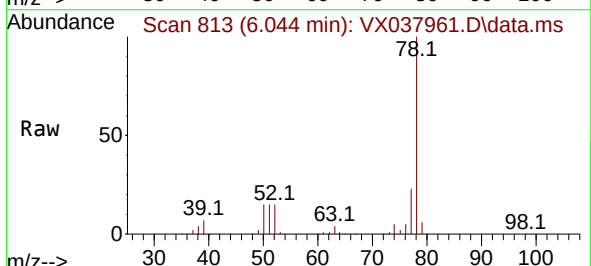
Manual Integrations
APPROVED

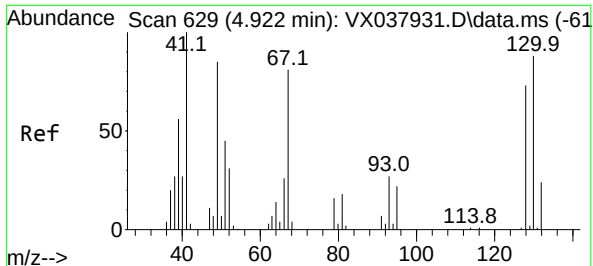
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#34
Benzene
Concen: 19.172 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

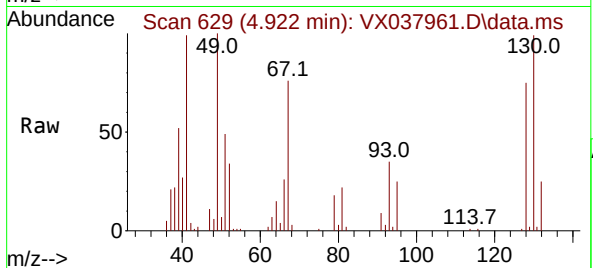
Tgt Ion: 78 Resp: 206852
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1
51 14.0 14.2 21.4#





#35
Methacrylonitrile
Concen: 18.578 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

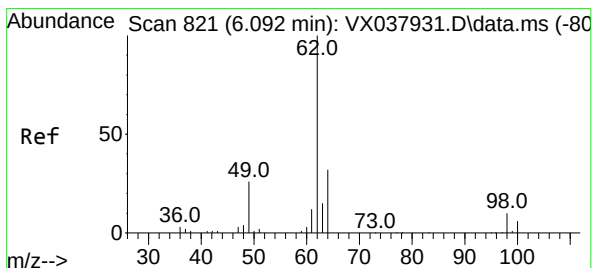
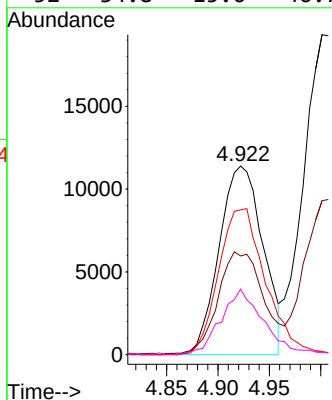
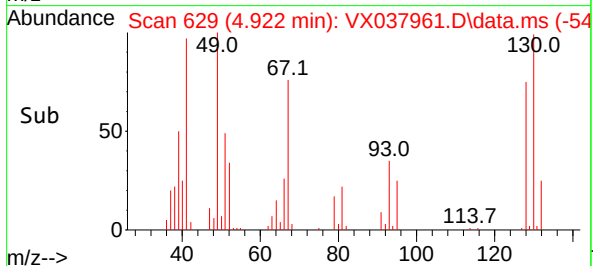
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 33854
Ion Ratio Lower Upper
41 100
39 51.5 28.2 84.7
67 76.8 35.0 105.1
52 34.8 15.6 46.7

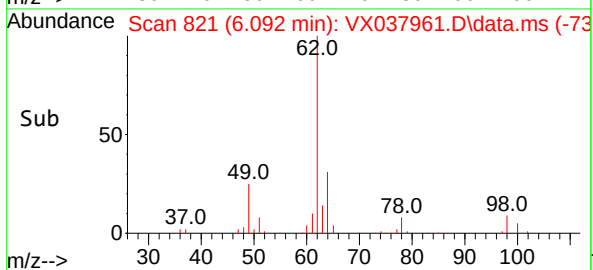
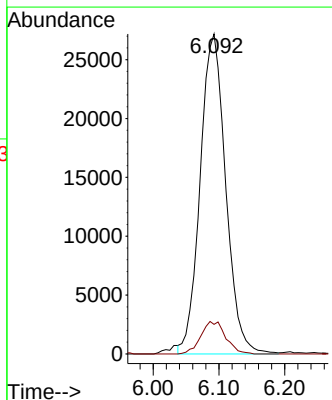
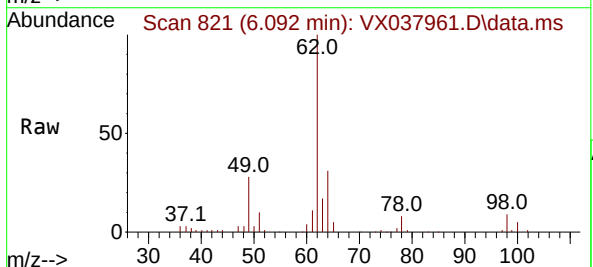
Manual Integrations
APPROVED

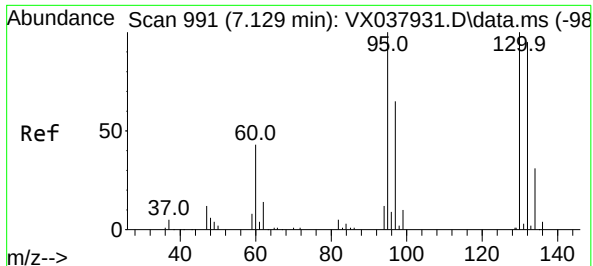
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#36
1,2-Dichloroethane
Concen: 19.241 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Tgt Ion: 62 Resp: 73437
Ion Ratio Lower Upper
62 100
98 9.9 7.0 10.6





#37

Trichloroethene

Concen: 19.138 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX037961.D

Acq: 28 Sep 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 5696

Ion Ratio Lower Upper

130 100

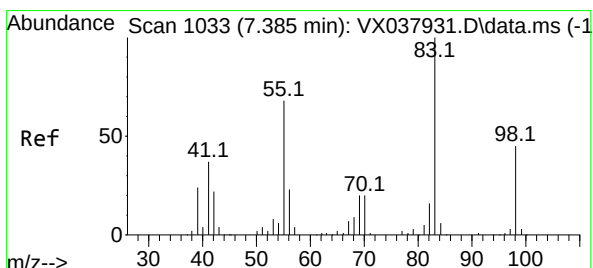
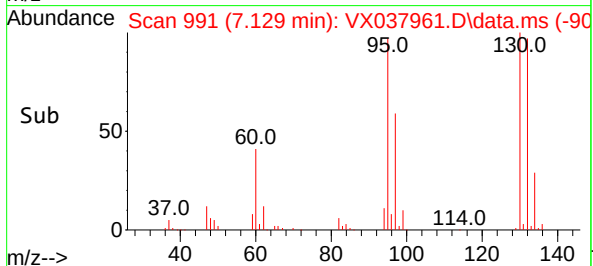
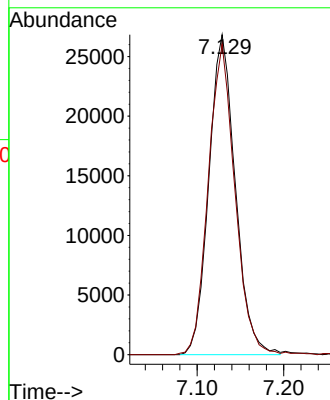
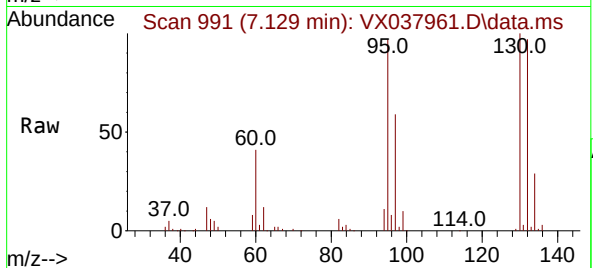
95 96.6 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#38

Methylcyclohexane

Concen: 18.350 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX037961.D

Acq: 28 Sep 2023 19:40

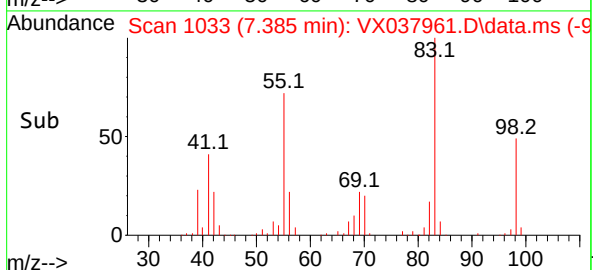
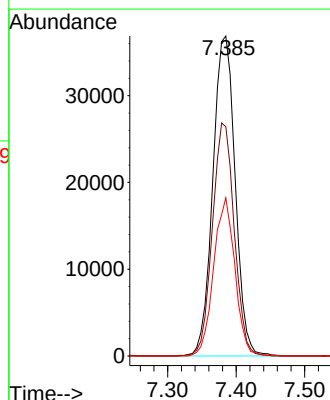
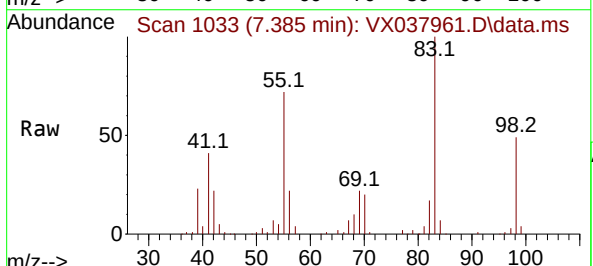
Tgt Ion: 83 Resp: 83300

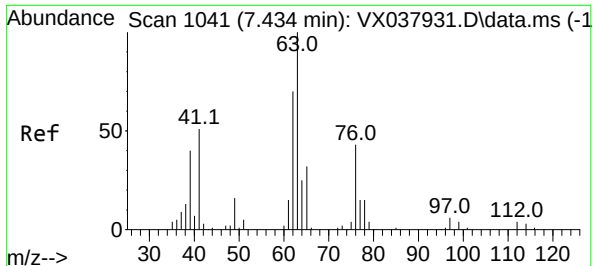
Ion Ratio Lower Upper

83 100

55 71.2 38.1 114.5

98 47.0 24.4 73.4





#39

1,2-Dichloropropane

Concen: 18.672 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX037961.D

Acq: 28 Sep 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 51539

Ion Ratio Lower Upper

63 100

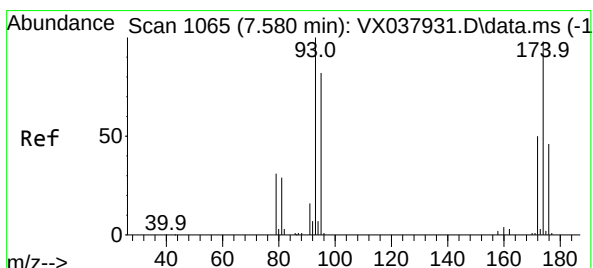
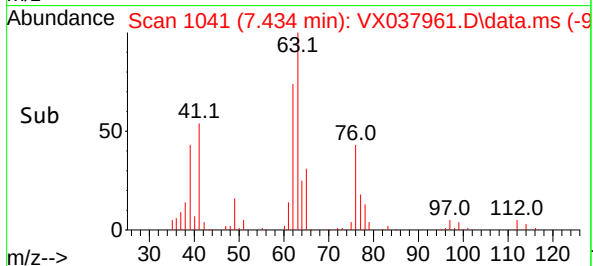
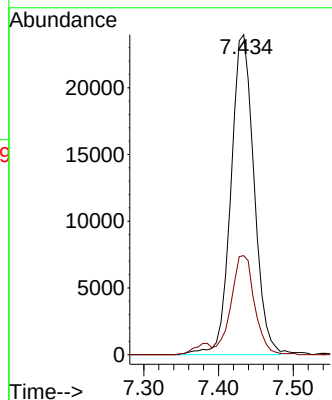
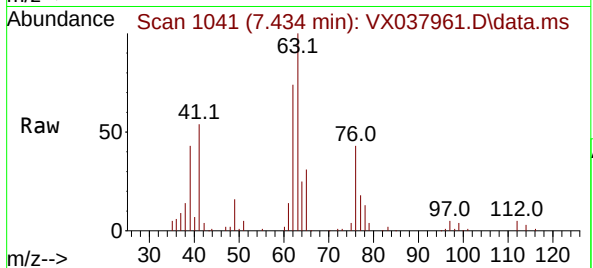
65 30.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#40

Dibromomethane

Concen: 18.727 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX037961.D

Acq: 28 Sep 2023 19:40

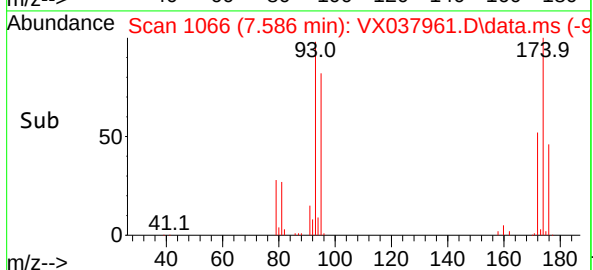
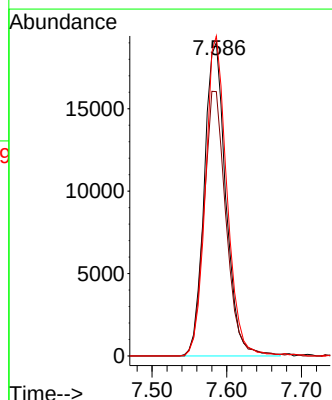
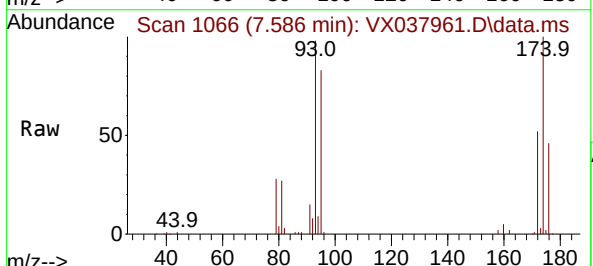
Tgt Ion: 93 Resp: 38142

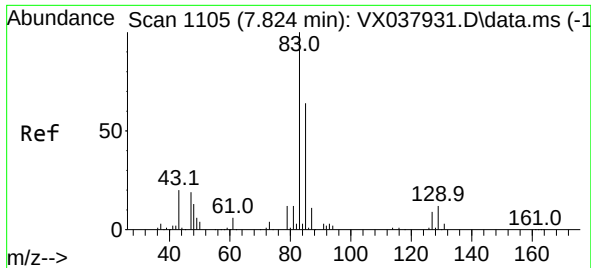
Ion Ratio Lower Upper

93 100

95 86.7 0.0 166.8

174 100.9 0.0 191.6





#41
Bromodichloromethane
Concen: 19.152 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

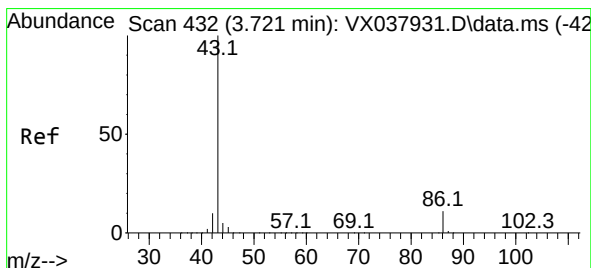
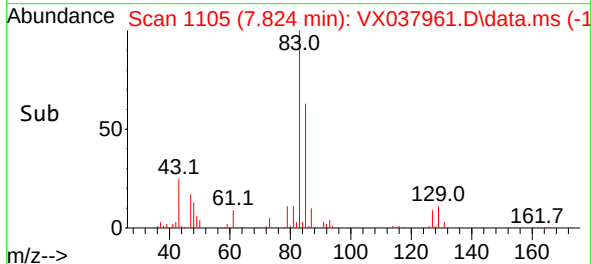
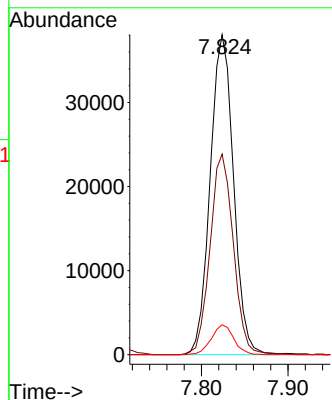
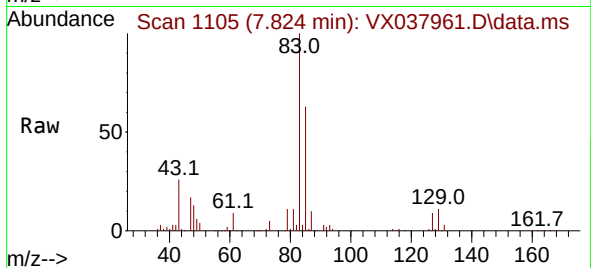
VSTDCCC020EC

Tgt Ion: 83 Resp: 71219
Ion Ratio Lower Upper
83 100
85 62.7 51.5 77.3
127 9.4 6.4 9.6

Manual Integrations

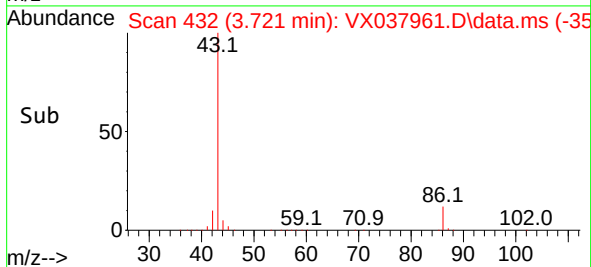
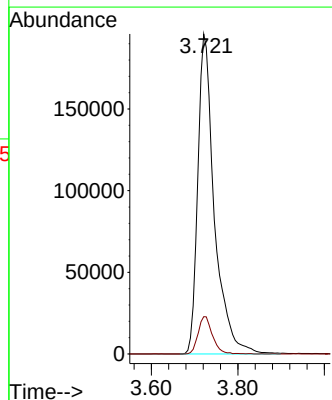
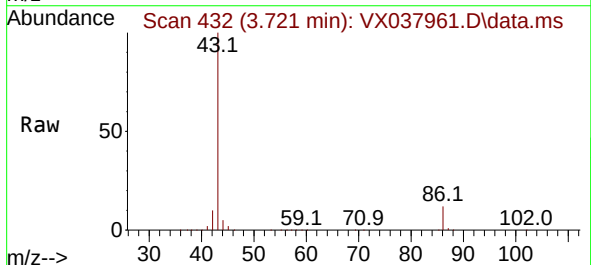
APPROVED

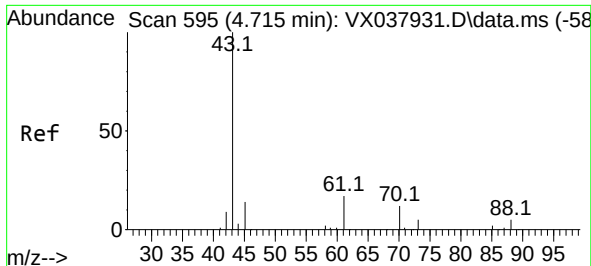
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#42
Vinyl Acetate
Concen: 95.373 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

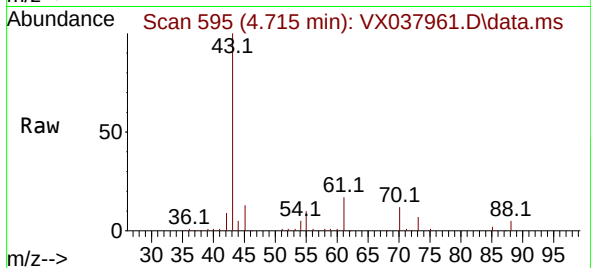
Tgt Ion: 43 Resp: 521116
Ion Ratio Lower Upper
43 100
86 10.0 7.4 11.0





#43
Ethyl Acetate
Concen: 18.381 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

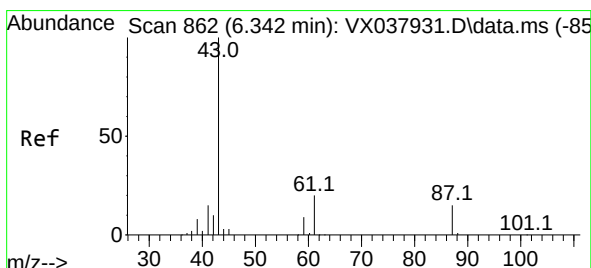
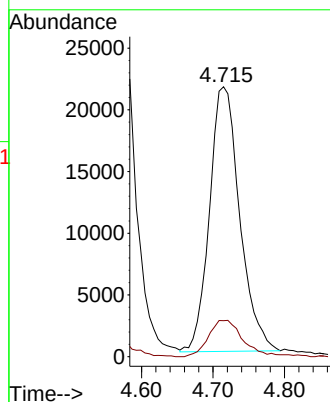
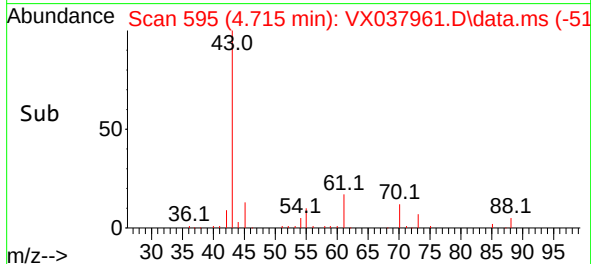
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 62984
Ion Ratio Lower Upper
43 100
45 15.5 12.6 18.8

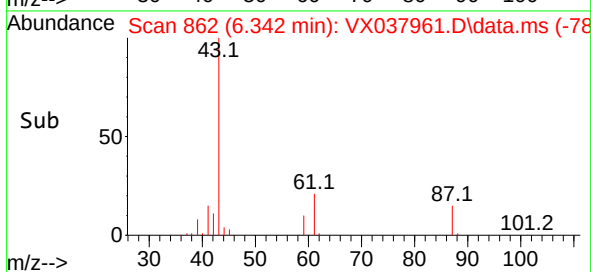
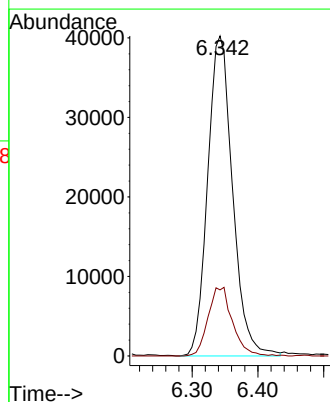
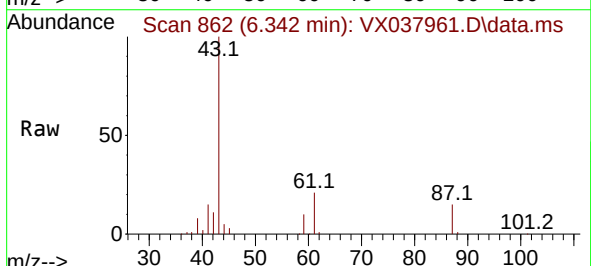
Manual Integrations
APPROVED

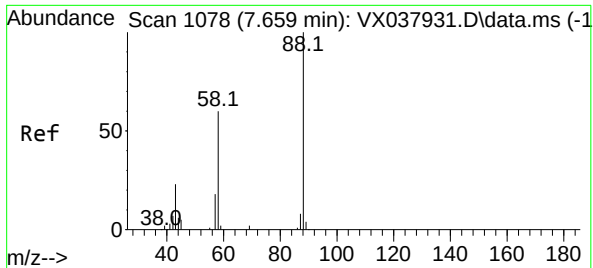
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#44
Isopropyl Acetate
Concen: 18.698 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

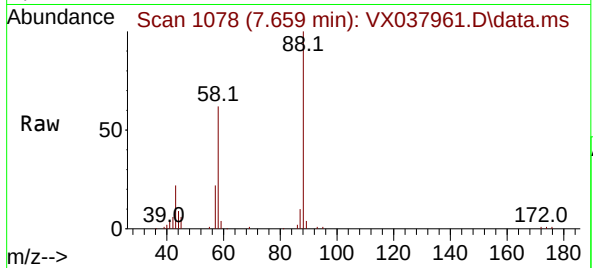
Tgt Ion: 43 Resp: 105997
Ion Ratio Lower Upper
43 100
61 20.9 15.4 23.0





#45
1,4-Dioxane
Concen: 395.889 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

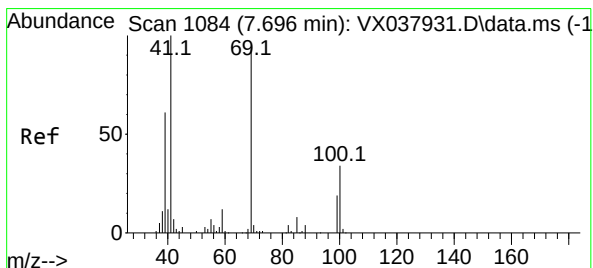
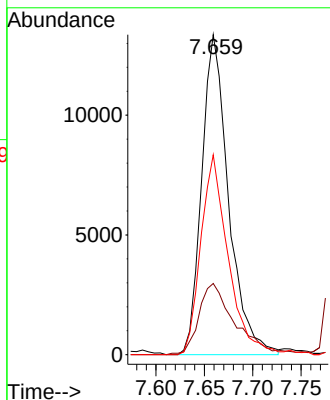
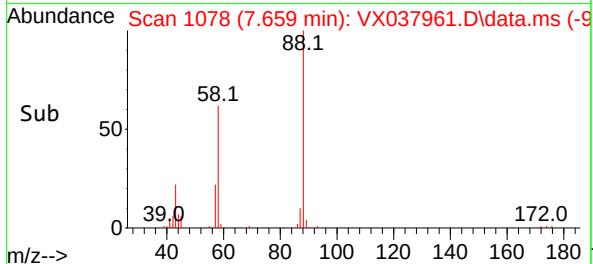
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 2586
Ion Ratio Lower Upper
88 100
43 27.4 297.5 446.3
58 63.2 1.0 1.4

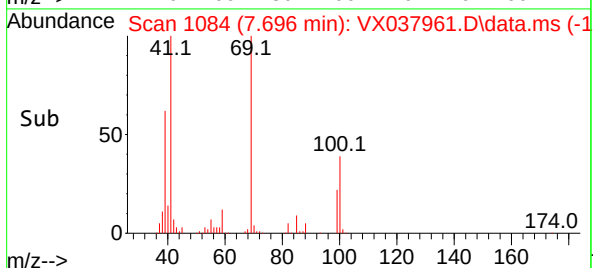
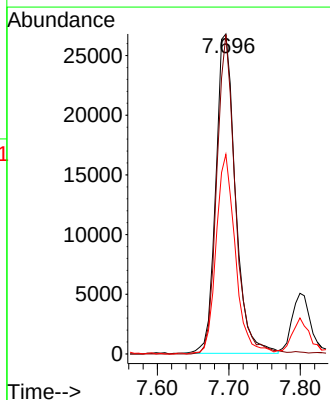
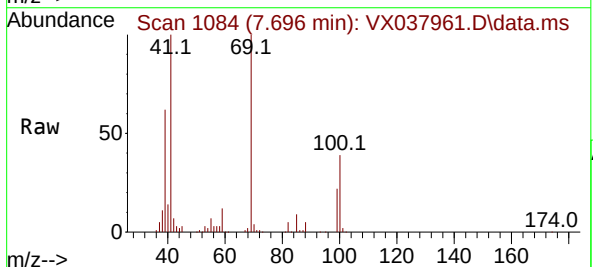
Manual Integrations
APPROVED

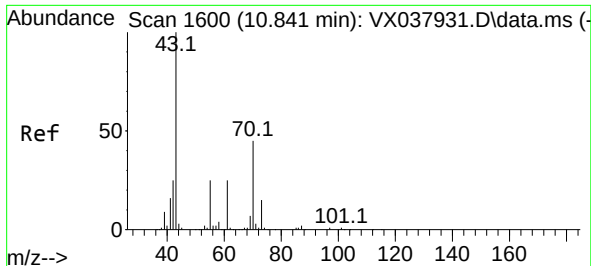
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#46
Methyl methacrylate
Concen: 18.911 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Tgt Ion: 41 Resp: 50958
Ion Ratio Lower Upper
41 100
69 100.0 44.4 133.1
39 62.3 34.9 104.7





#47

n-amy1 Acetate

Concen: 17.948 ug/l

RT: 10.842 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037961.D

Acq: 28 Sep 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 9572

Ion Ratio Lower Upper

43 100

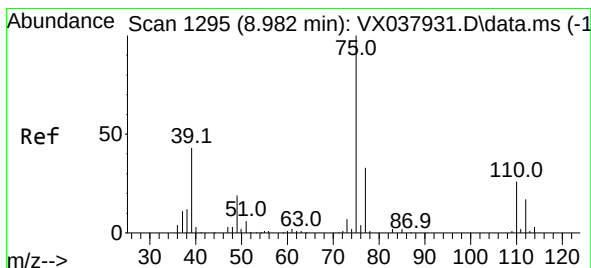
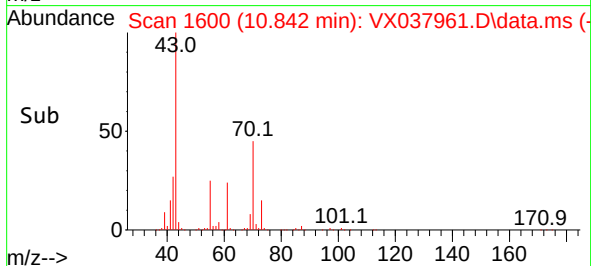
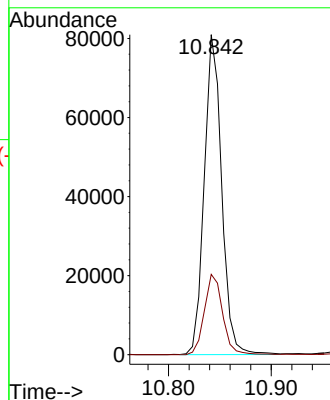
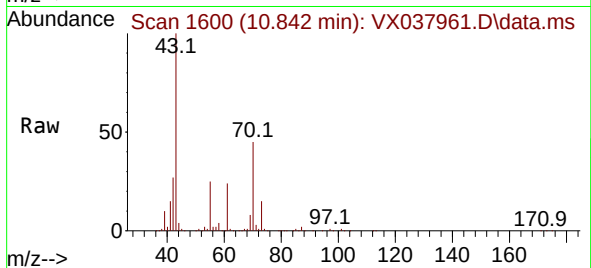
55 26.2 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#48

t-1,3-Dichloropropene

Concen: 18.129 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX037961.D

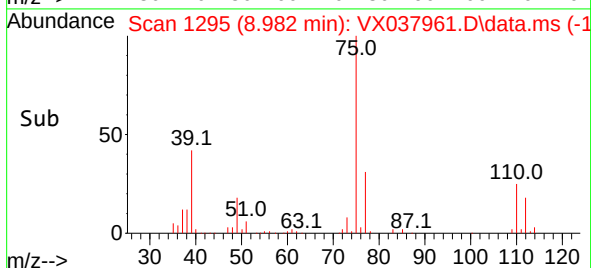
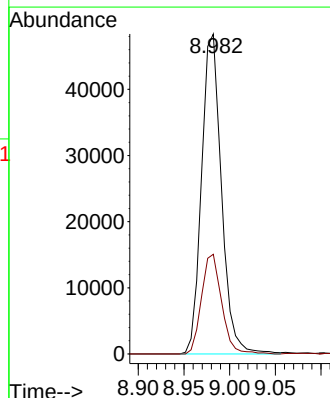
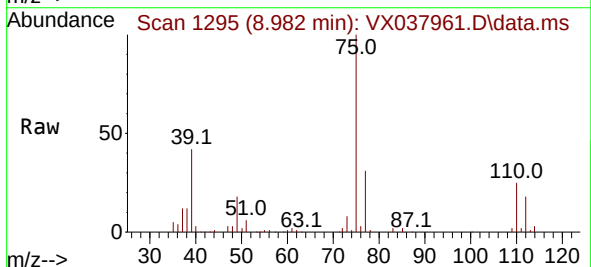
Acq: 28 Sep 2023 19:40

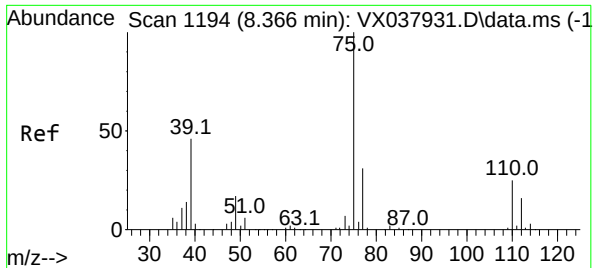
Tgt Ion: 75 Resp: 73235

Ion Ratio Lower Upper

75 100

77 31.2 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 18.642 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037961.D

Acq: 28 Sep 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 80874

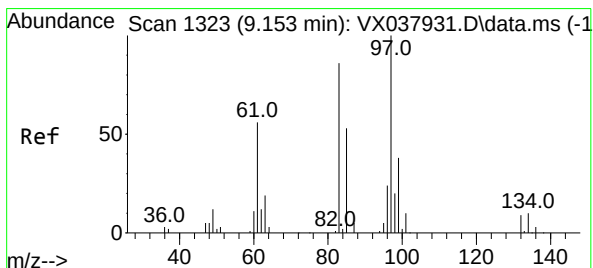
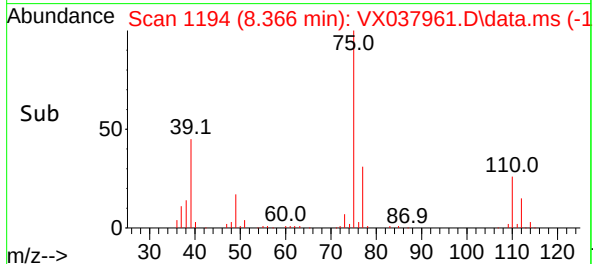
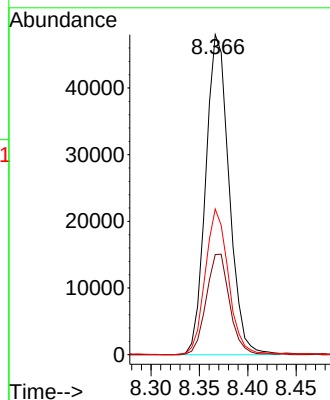
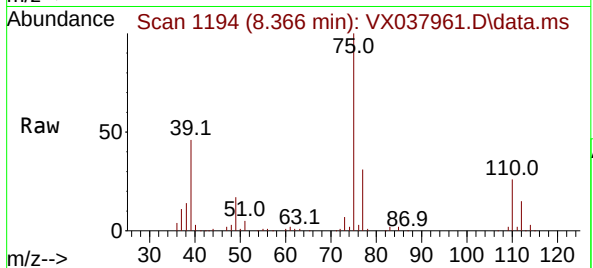
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2
39	45.3	40.2	60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#50

1,1,2-Trichloroethane

Concen: 19.594 ug/l

RT: 9.153 min Scan# 1323

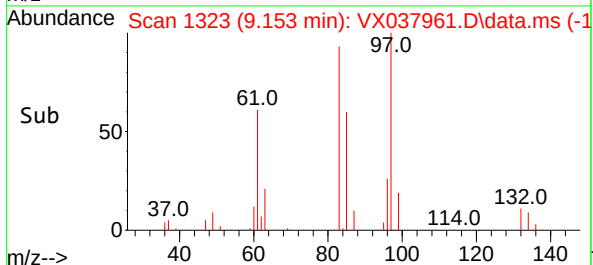
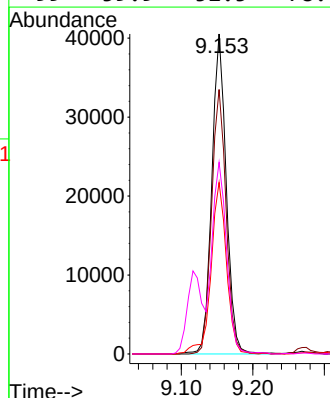
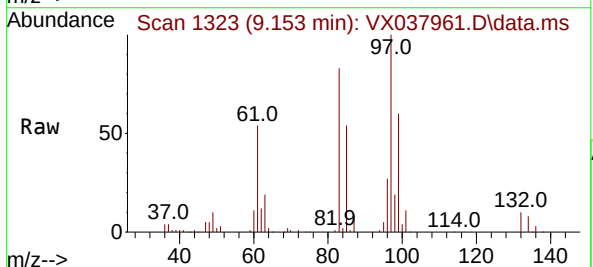
Delta R.T. 0.000 min

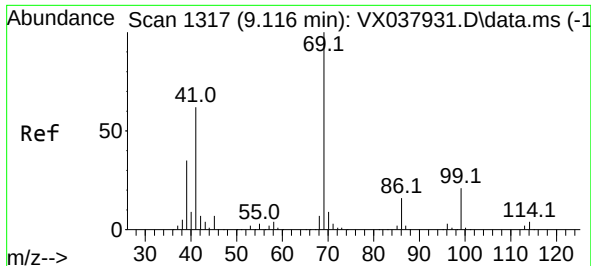
Lab File: VX037961.D

Acq: 28 Sep 2023 19:40

Tgt Ion: 97 Resp: 57031

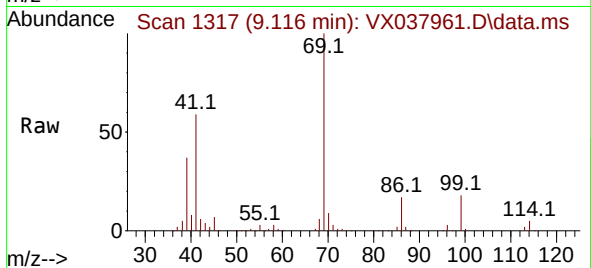
Ion	Ratio	Lower	Upper
97	100		
83	82.7	70.0	105.0
85	53.6	46.1	69.1
99	59.9	52.5	78.7





#51
Ethyl methacrylate
Concen: 18.554 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

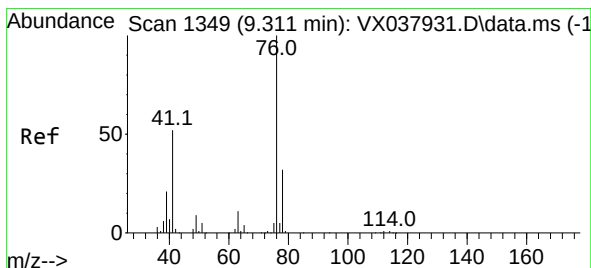
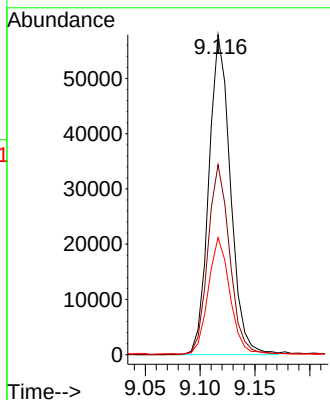
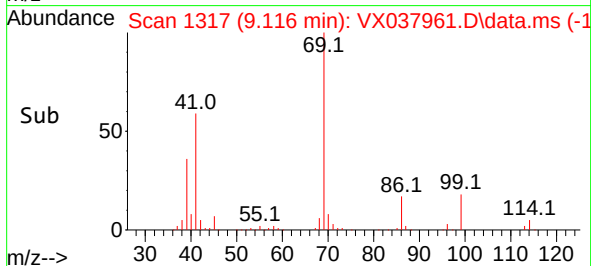
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 79572
Ion Ratio Lower Upper
69 100
41 59.2 32.0 96.0
39 36.3 19.4 58.4

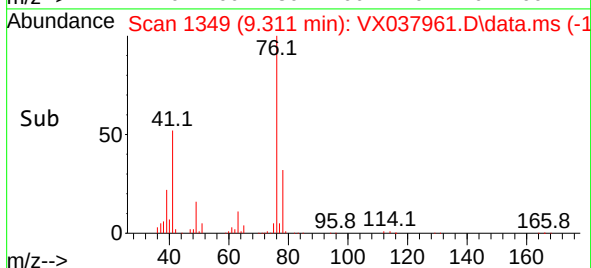
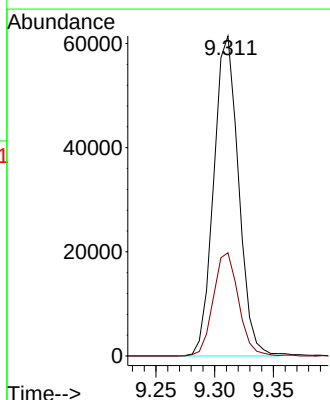
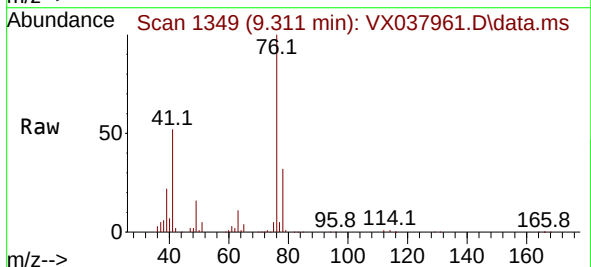
Manual Integrations
APPROVED

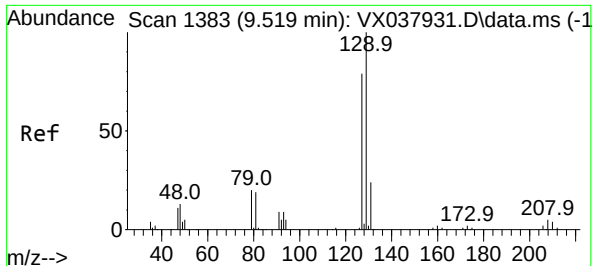
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#52
1,3-Dichloropropane
Concen: 19.375 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Tgt Ion: 76 Resp: 90461
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.6





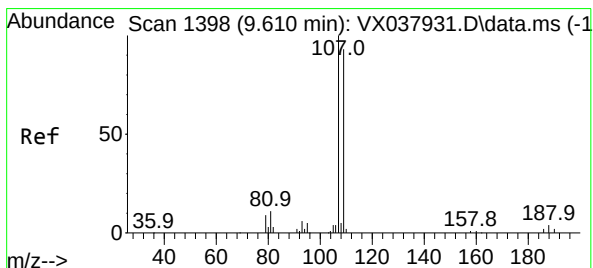
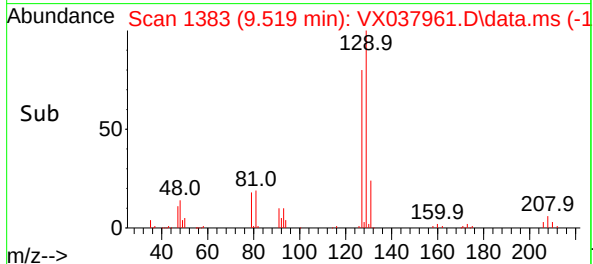
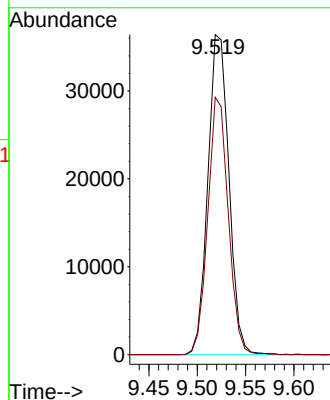
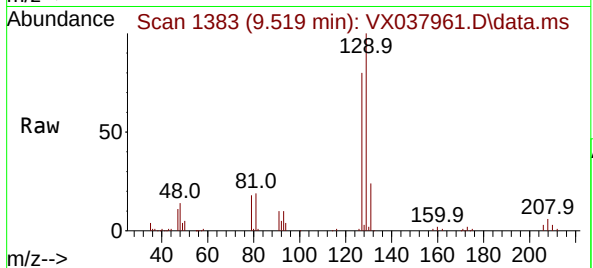
#53
Dibromochloromethane
Concen: 18.400 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 55194
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.8

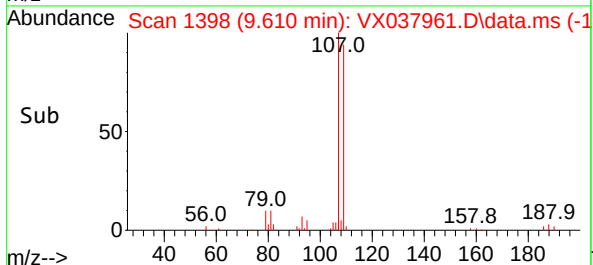
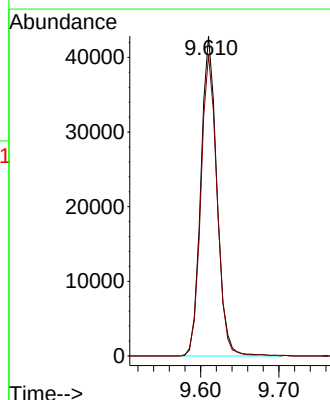
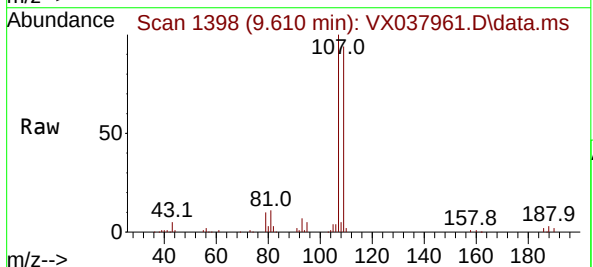
Manual Integrations
APPROVED

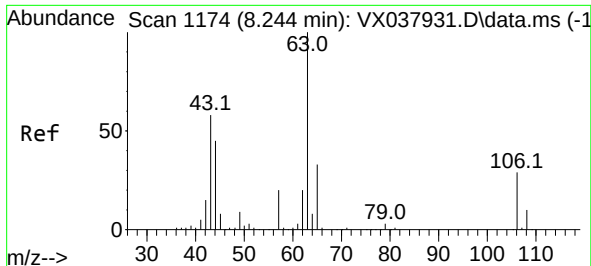
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#54
1,2-Dibromoethane
Concen: 19.227 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Tgt Ion:107 Resp: 60728
Ion Ratio Lower Upper
107 100
109 94.7 74.7 112.1





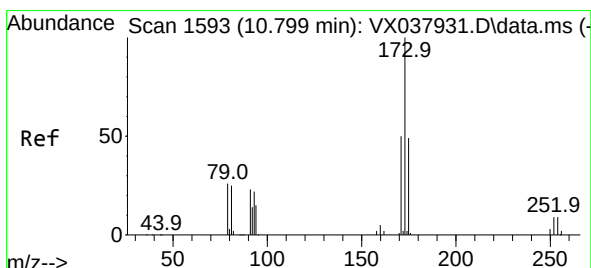
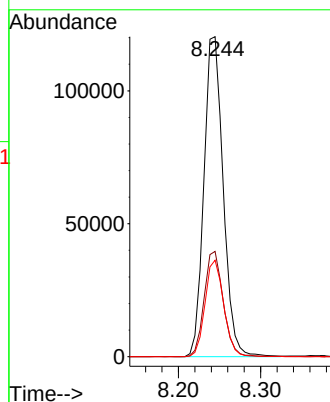
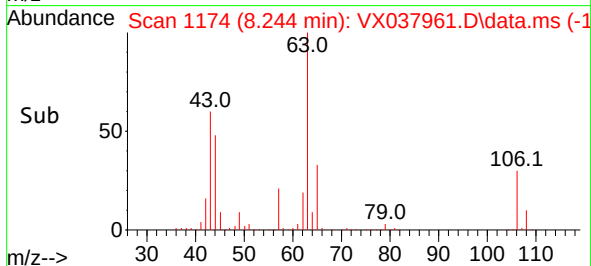
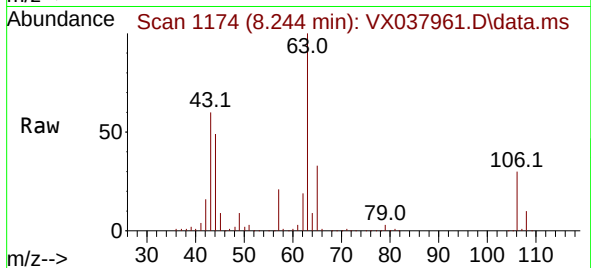
#55
2-Chloroethyl vinyl ether
Concen: 93.855 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 196214
Ion Ratio Lower Upper
63 100
65 32.5 25.9 38.9
106 29.3 21.8 32.8

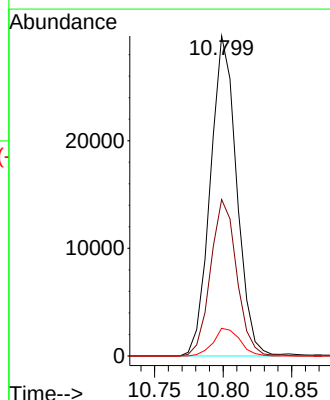
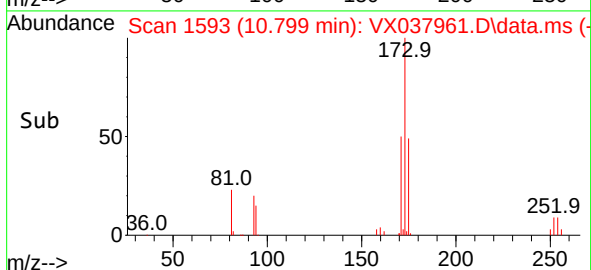
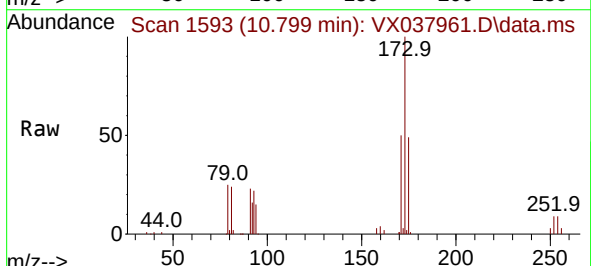
Manual Integrations
APPROVED

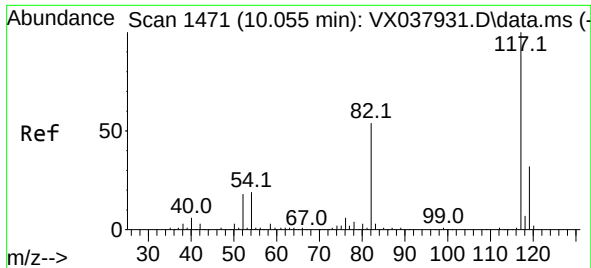
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#56
Bromoform
Concen: 17.615 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Tgt Ion:173 Resp: 39743
Ion Ratio Lower Upper
173 100
175 48.3 38.1 57.1
254 8.7 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX037961.D

Acq: 28 Sep 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 244038

Ion Ratio Lower Upper

117 100

82 53.8 44.7 67.1

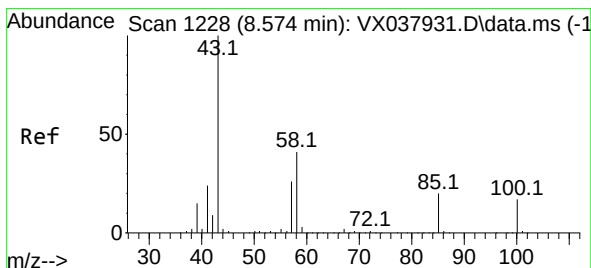
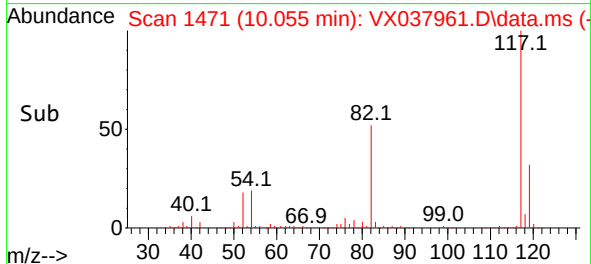
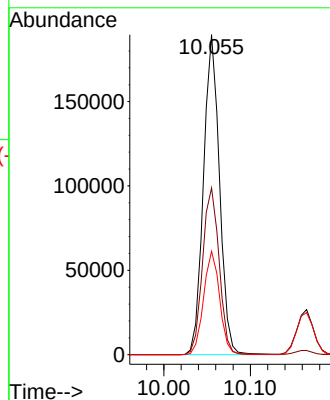
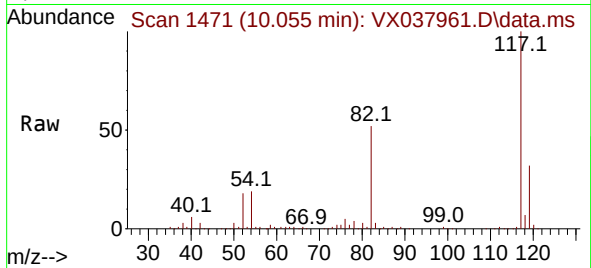
119 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#58

4-Methyl-2-Pentanone

Concen: 95.477 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX037961.D

Acq: 28 Sep 2023 19:40

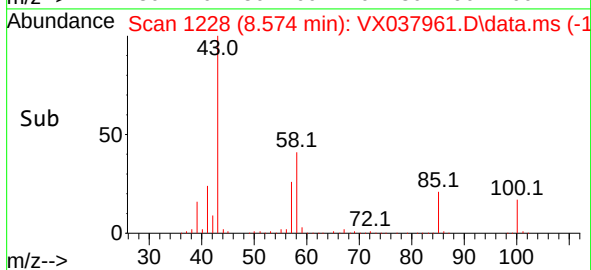
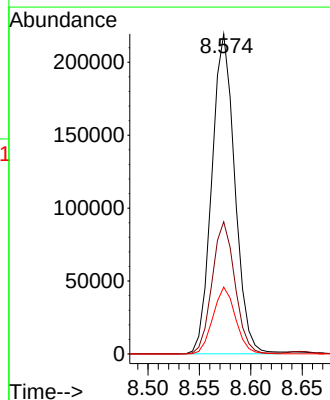
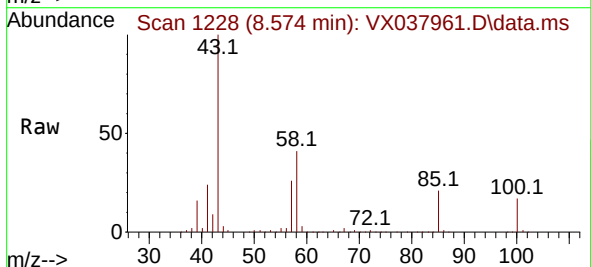
Tgt Ion: 43 Resp: 341085

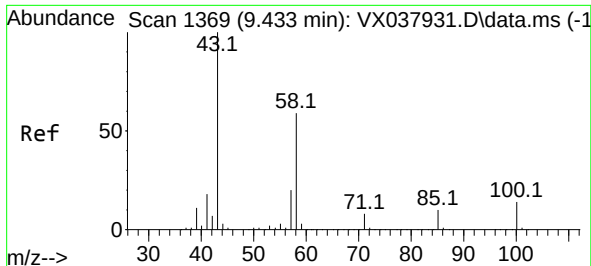
Ion Ratio Lower Upper

43 100

58 41.0 30.9 46.3

85 20.6 14.4 21.6





#59

2-Hexanone

Concen: 94.132 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX037961.D

Acq: 28 Sep 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 255379

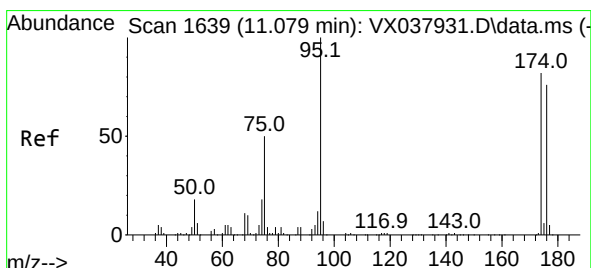
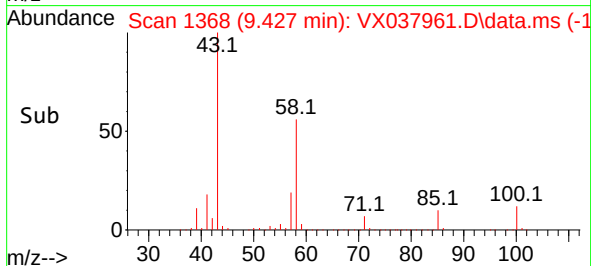
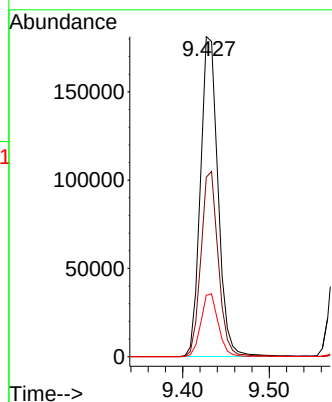
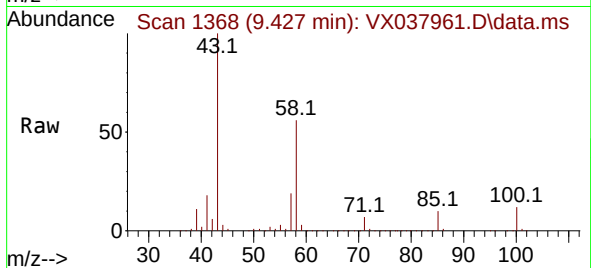
Ion	Ratio	Lower	Upper
43	100		
58	57.4	43.4	65.2
57	19.4	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#60

4-Bromofluorobenzene

Concen: 29.577 ug/l

RT: 11.079 min Scan# 1639

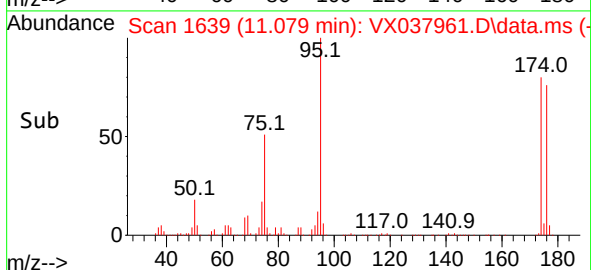
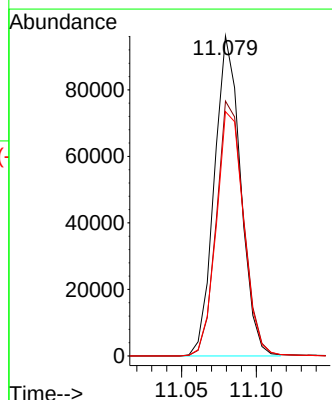
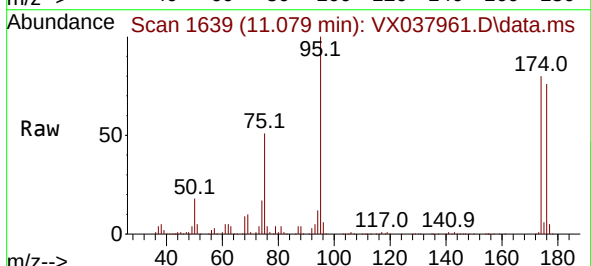
Delta R.T. 0.000 min

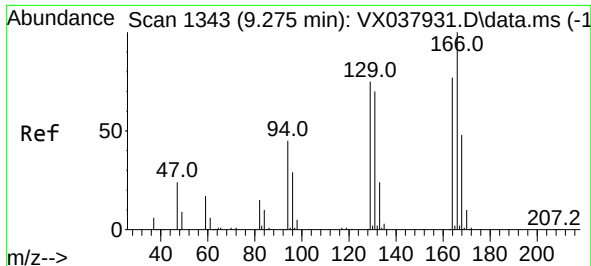
Lab File: VX037961.D

Acq: 28 Sep 2023 19:40

Tgt Ion: 95 Resp: 117664

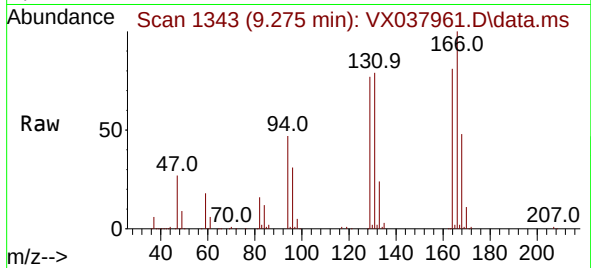
Ion	Ratio	Lower	Upper
95	100		
174	82.4	60.5	90.7
176	80.0	58.2	87.4





#61
Tetrachloroethene
Concen: 19.139 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

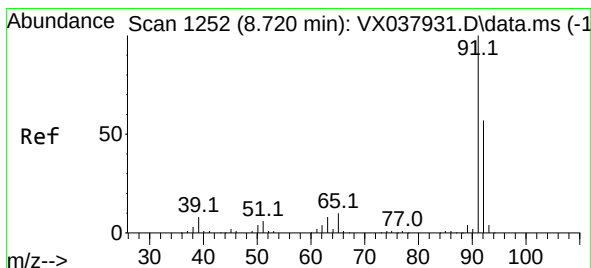
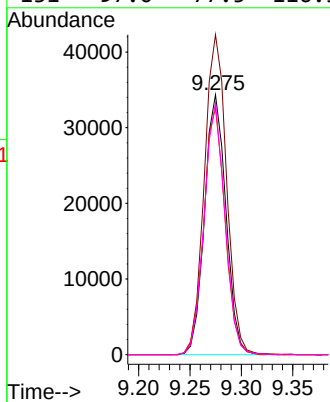
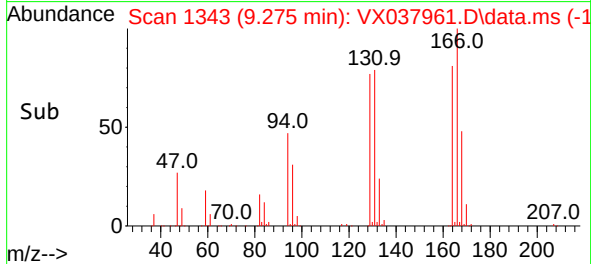
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



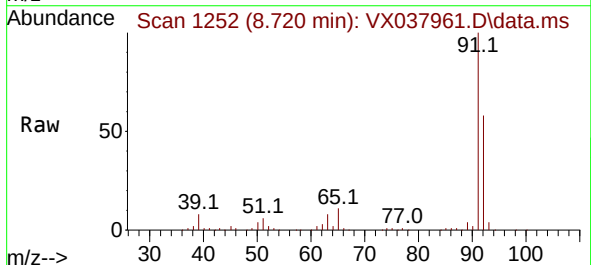
Tgt Ion:164 Resp: 49704
Ion Ratio Lower Upper
164 100
166 123.1 104.5 156.7
129 94.9 78.0 117.0
131 97.0 77.5 116.3

Manual Integrations
APPROVED

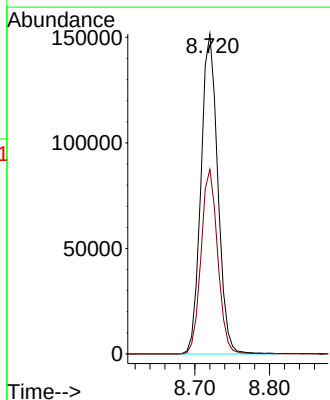
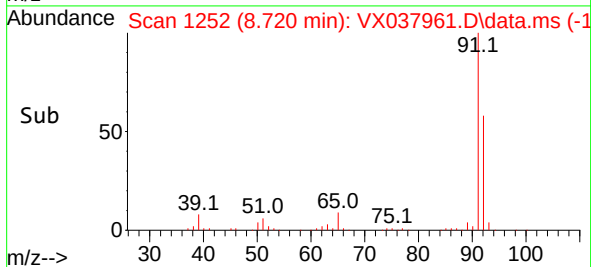
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

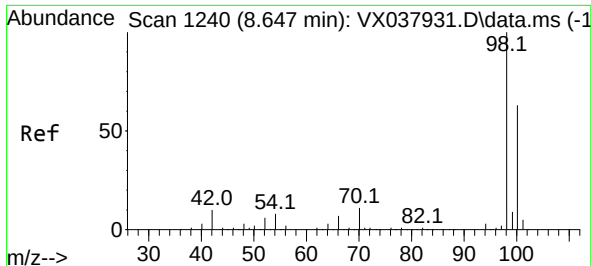


#62
Toluene
Concen: 18.755 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40



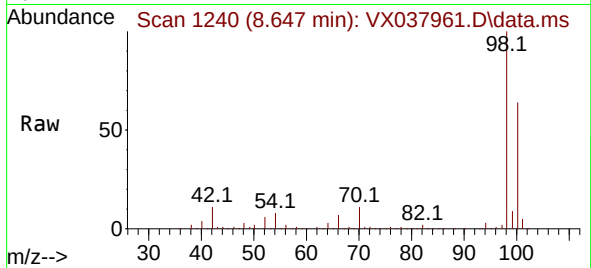
Tgt Ion: 91 Resp: 237415
Ion Ratio Lower Upper
91 100
92 56.8 44.9 67.3





#63
Toluene-d8
Concen: 29.993 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

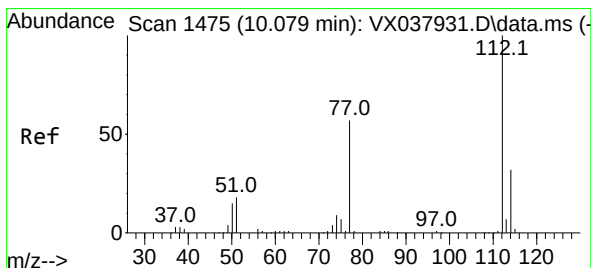
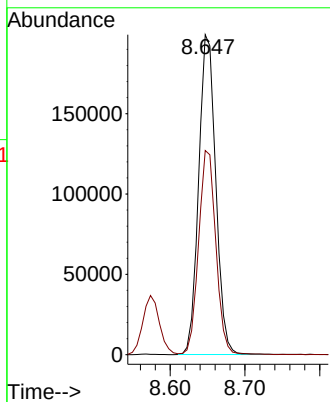
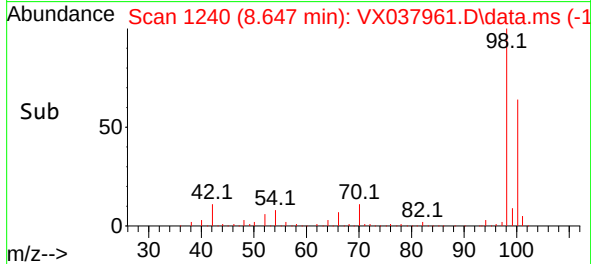
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



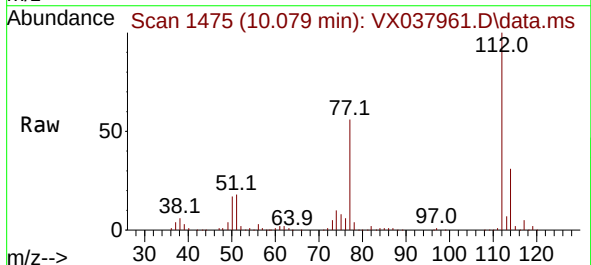
Tgt Ion: 98 Resp: 315970
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

Manual Integrations
APPROVED

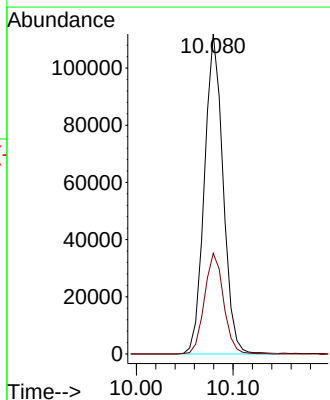
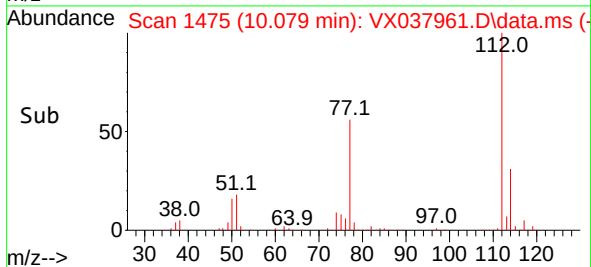
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

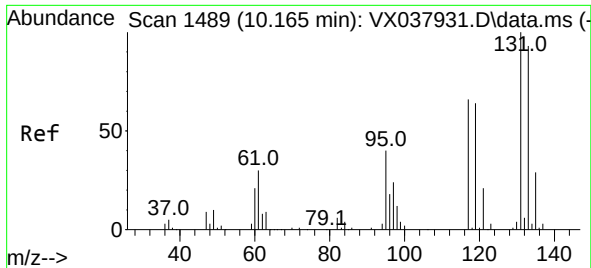


#64
Chlorobenzene
Concen: 19.036 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40



Tgt Ion:112 Resp: 150321
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6





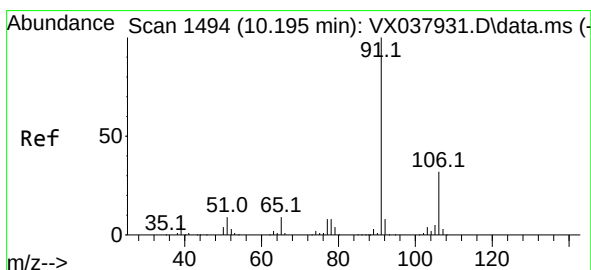
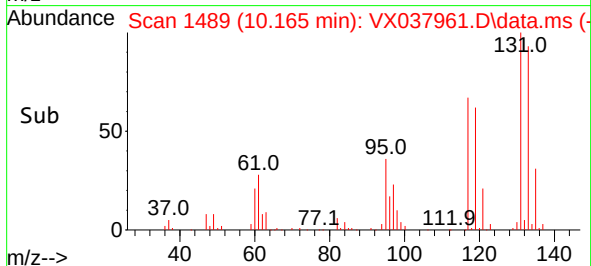
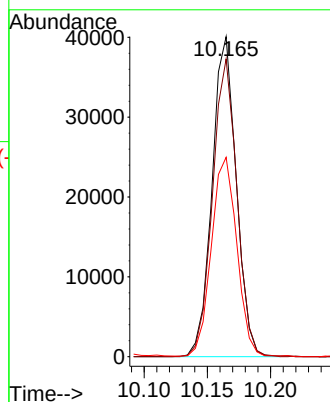
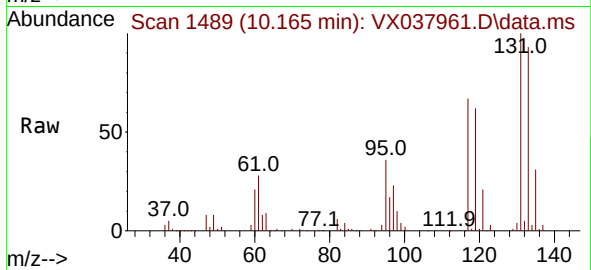
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.581 ug/l
 RT: 10.165 min Scan# 1489
 Delta R.T. 0.000 min
 Lab File: VX037961.D
 Acq: 28 Sep 2023 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:131 Resp: 5326
 Ion Ratio Lower Upper
 131 100
 133 93.9 0.0 192.0
 119 65.3 0.0 132.8

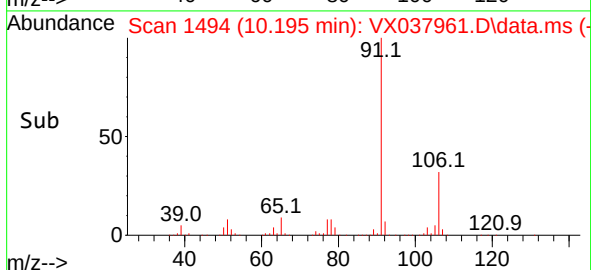
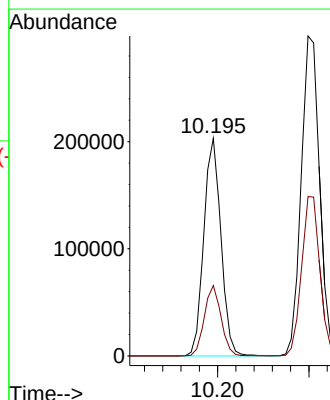
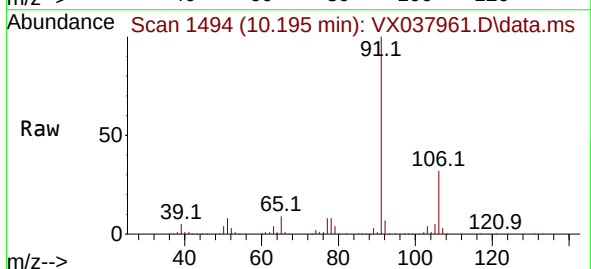
Manual Integrations
 APPROVED

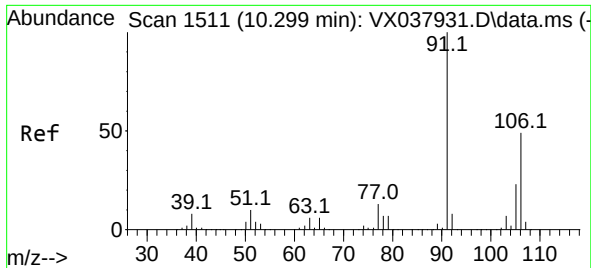
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023



#66
 Ethyl Benzene
 Concen: 18.932 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VX037961.D
 Acq: 28 Sep 2023 19:40

Tgt Ion: 91 Resp: 264496
 Ion Ratio Lower Upper
 91 100
 106 32.3 24.2 36.4





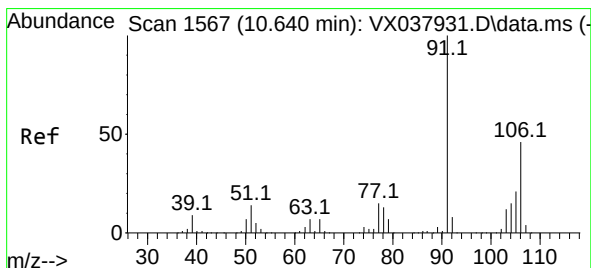
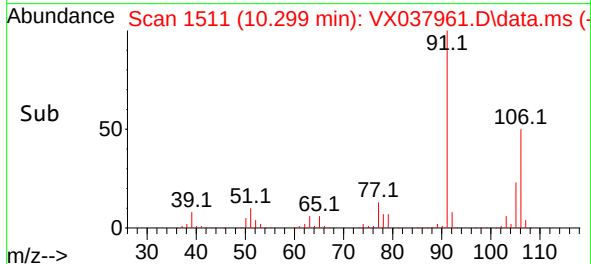
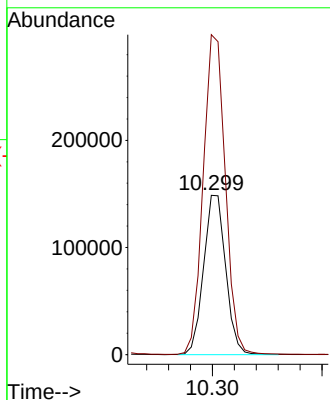
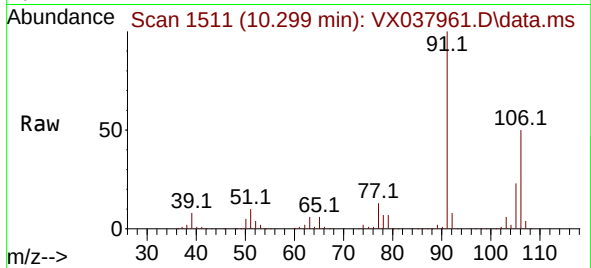
#67
m/p-Xylenes
Concen: 37.838 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 20825
Ion Ratio Lower Upper
106 100
91 200.6 160.5 240.7

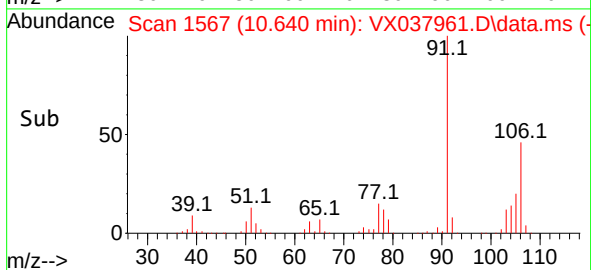
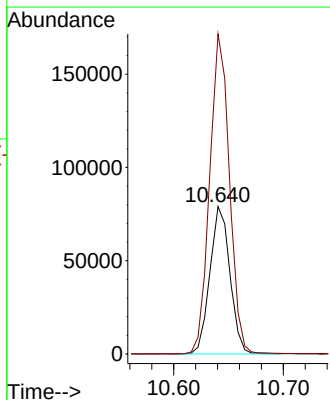
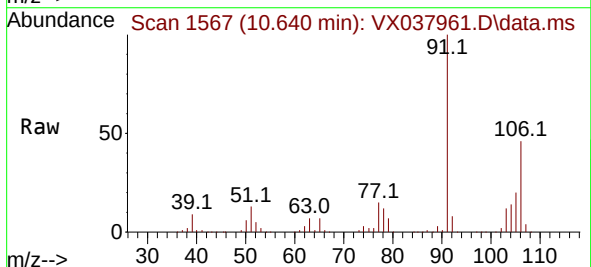
Manual Integrations
APPROVED

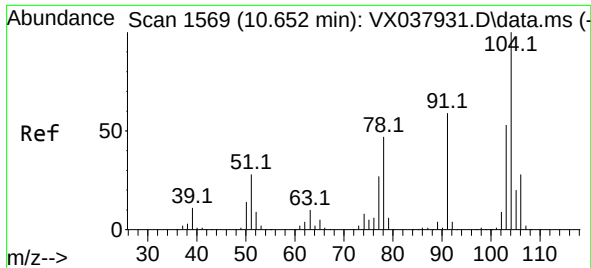
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#68
o-Xylene
Concen: 18.842 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

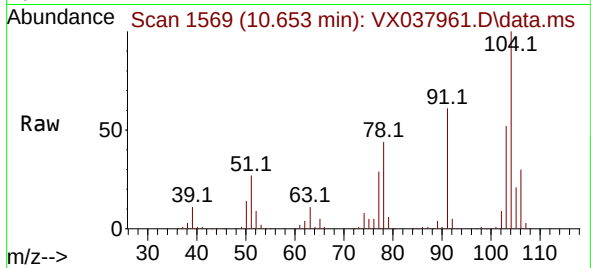
Tgt Ion:106 Resp: 100423
Ion Ratio Lower Upper
106 100
91 214.4 105.4 316.1





#69
Styrene
Concen: 18.717 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

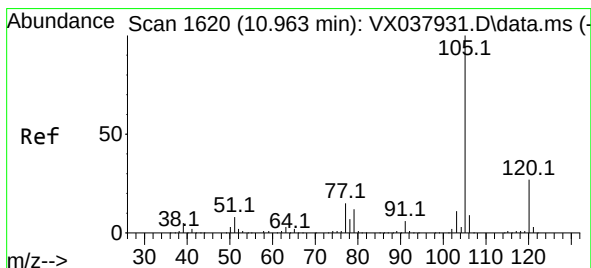
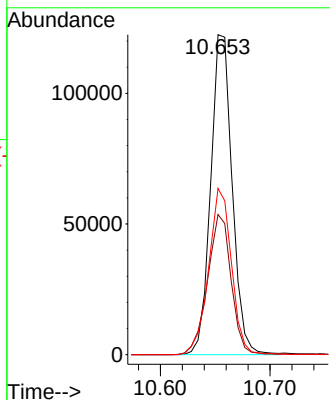
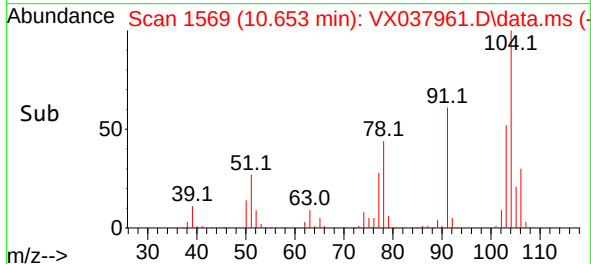
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



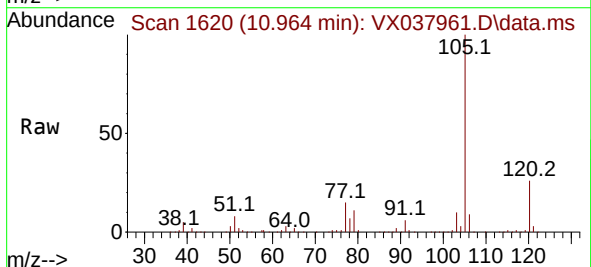
Tgt Ion:104 Resp: 167358
Ion Ratio Lower Upper
104 100
78 48.1 41.0 61.4
103 54.9 45.5 68.3

Manual Integrations
APPROVED

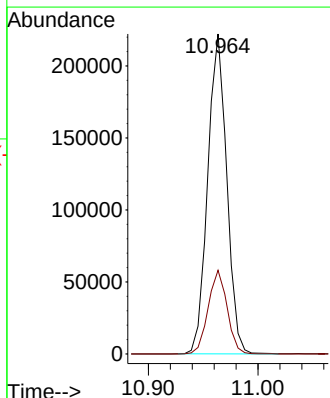
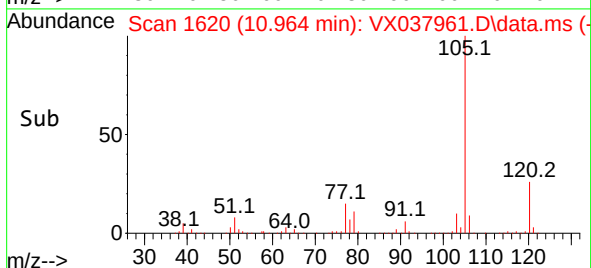
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

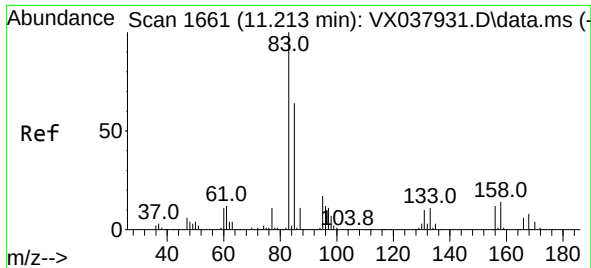


#70
Isopropylbenzene
Concen: 18.919 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40



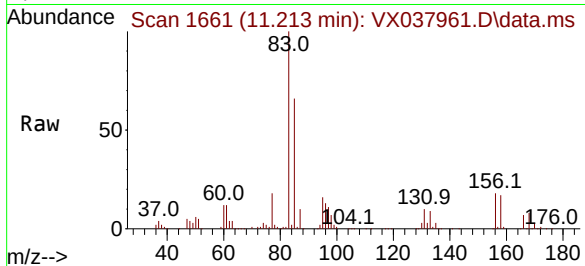
Tgt Ion:105 Resp: 267602
Ion Ratio Lower Upper
105 100
120 26.0 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 18.819 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

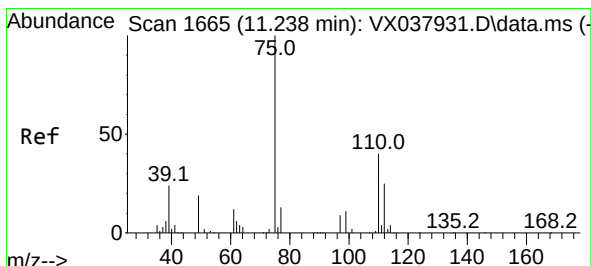
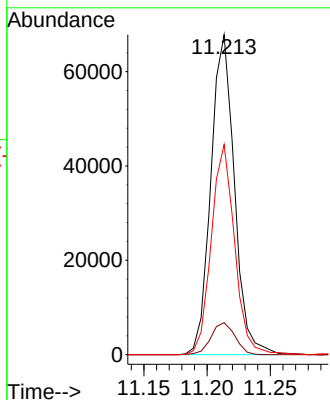
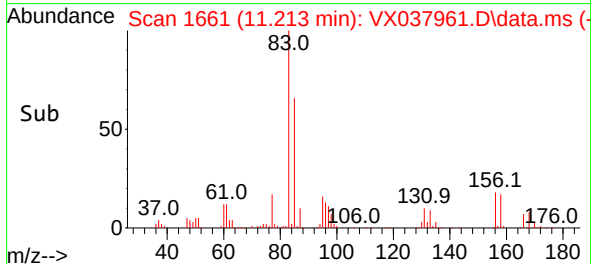
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



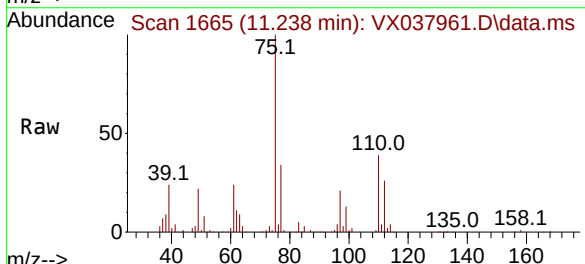
Tgt Ion: 83 Resp: 8773
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 65.2 32.4 97.0

Manual Integrations
APPROVED

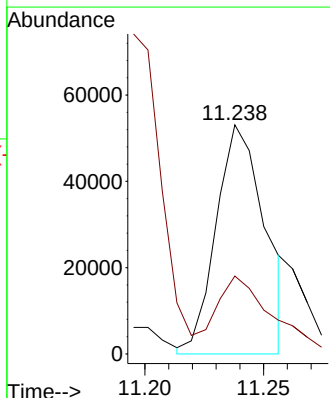
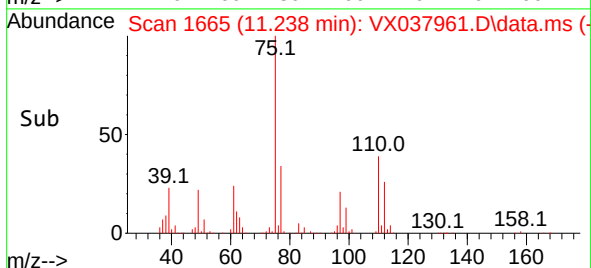
Reviewed By :John Carbone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

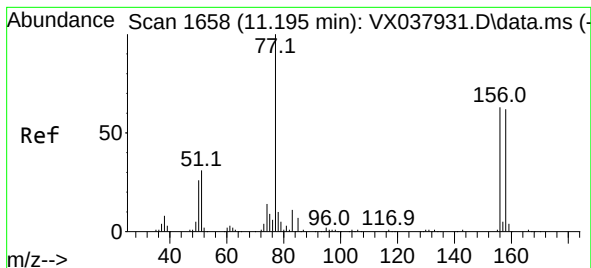


#72
1,2,3-Trichloropropane
Concen: 18.490 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40



Tgt Ion: 75 Resp: 75684
Ion Ratio Lower Upper
75 100
77 39.6 0.0 77.2





#73

Bromobenzene

Concen: 18.565 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX037961.D

Acq: 28 Sep 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

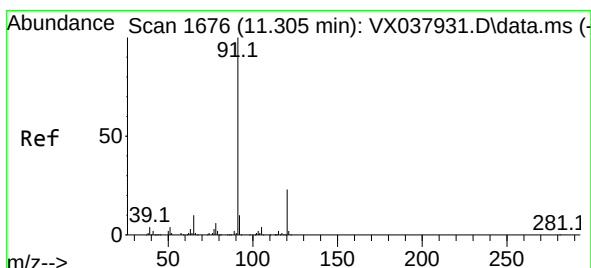
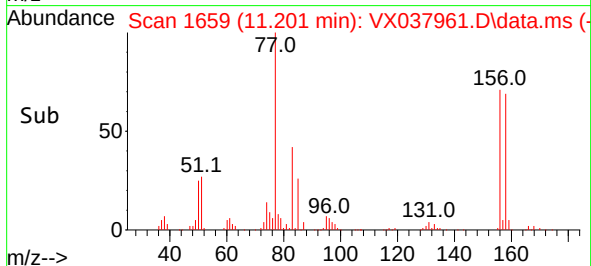
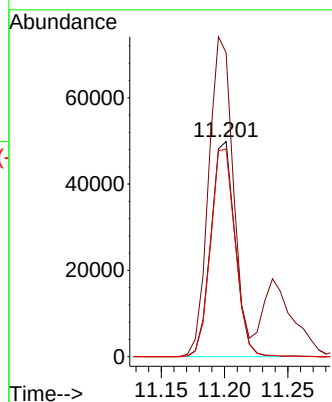
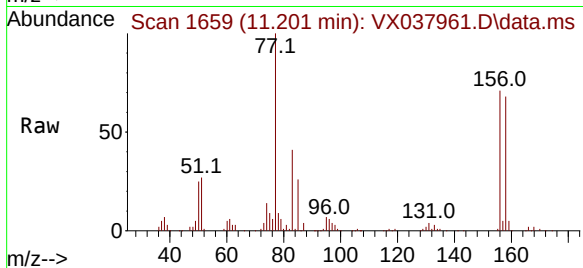
Tgt Ion:	156	Resp:	66604
Ion Ratio	Lower	Upper	
156	100		
77	150.1	0.0	333.0
158	97.5	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#74

n-propylbenzene

Concen: 18.971 ug/l

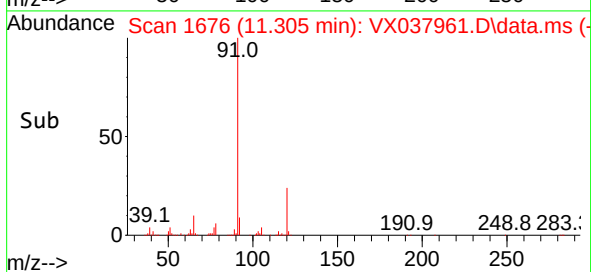
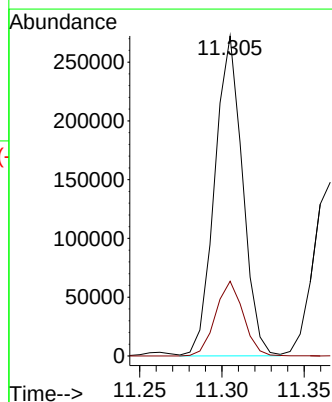
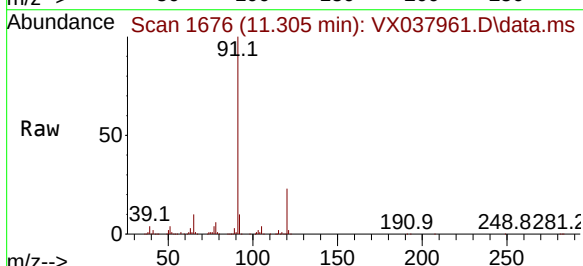
RT: 11.305 min Scan# 1676

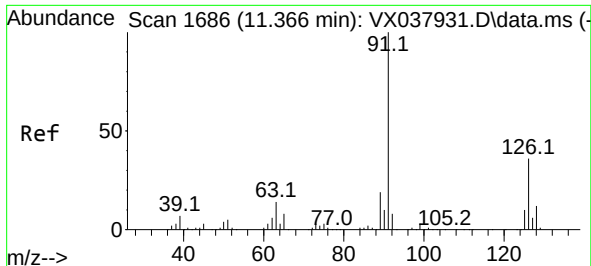
Delta R.T. 0.000 min

Lab File: VX037961.D

Acq: 28 Sep 2023 19:40

Tgt Ion:	91	Resp:	320583
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	46.6





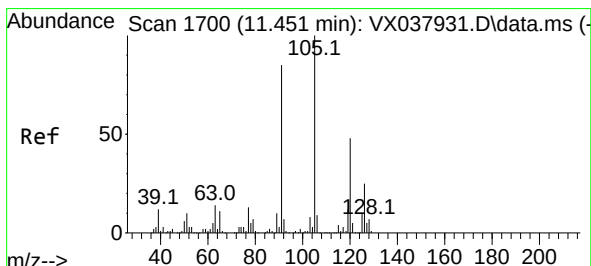
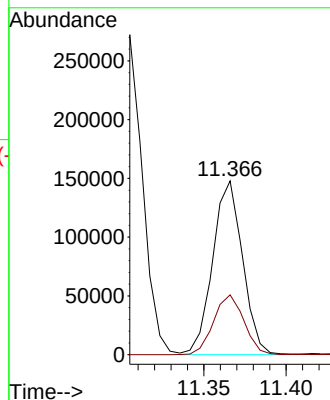
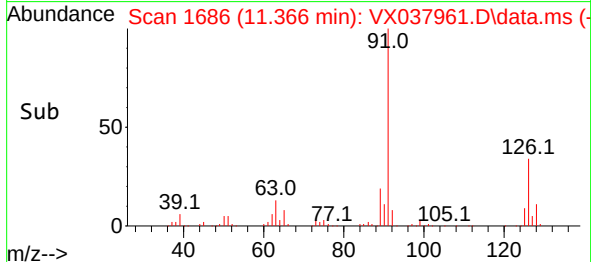
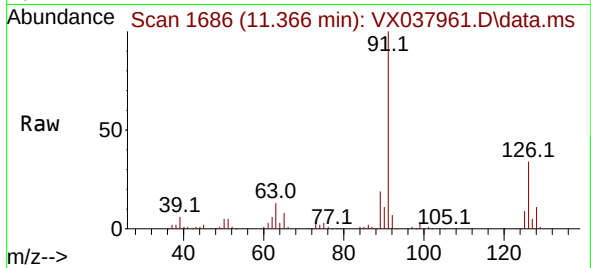
#75
2-Chlorotoluene
Concen: 18.889 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 186872
Ion Ratio Lower Upper
91 100
126 34.7 0.0 66.2

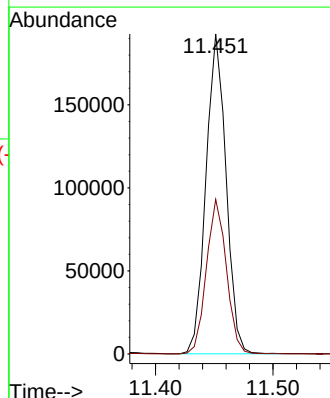
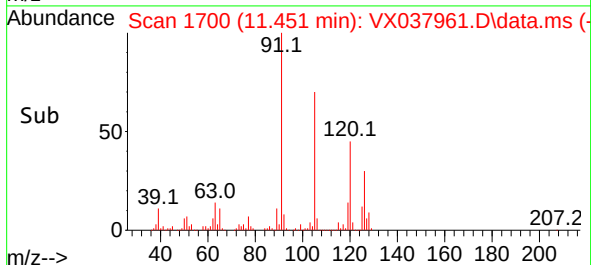
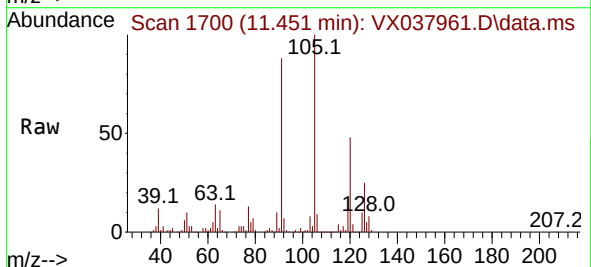
Manual Integrations
APPROVED

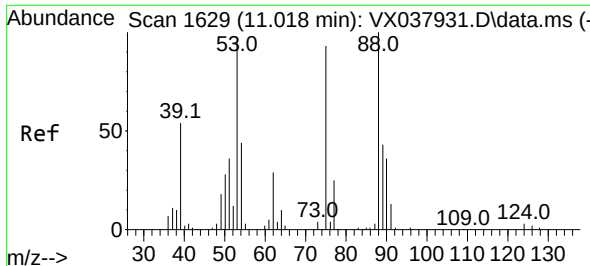
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.724 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

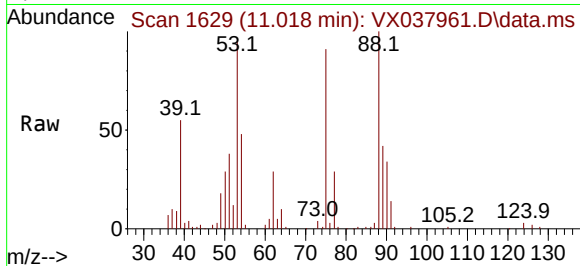
Tgt Ion:105 Resp: 228393
Ion Ratio Lower Upper
105 100
120 48.3 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.024 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

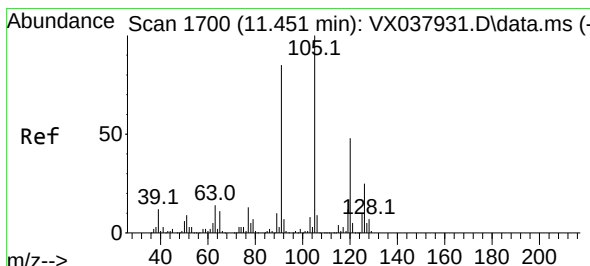
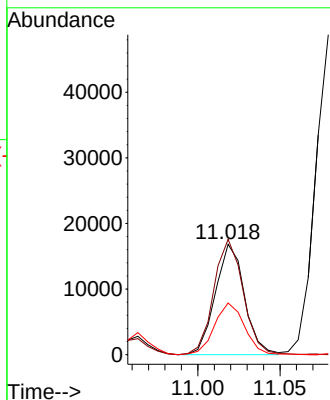
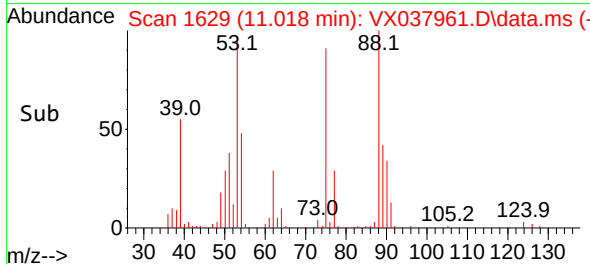
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 2077
Ion Ratio Lower Upper
75 100
53 104.5 53.9 161.7
89 46.9 22.1 66.1

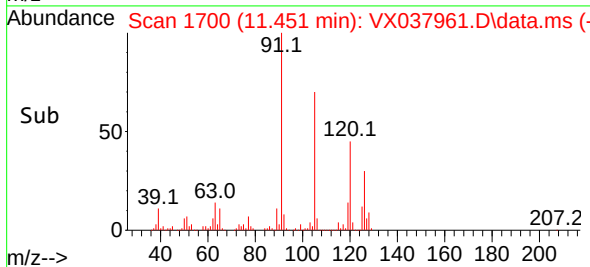
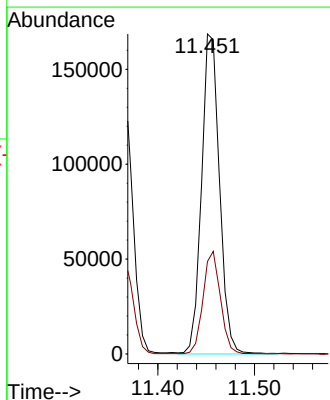
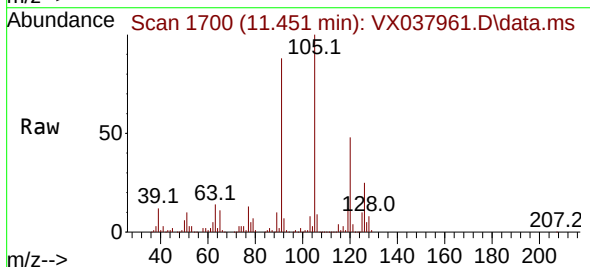
Manual Integrations
APPROVED

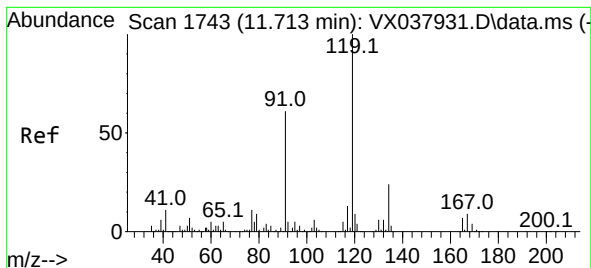
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#78
4-Chlorotoluene
Concen: 18.806 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

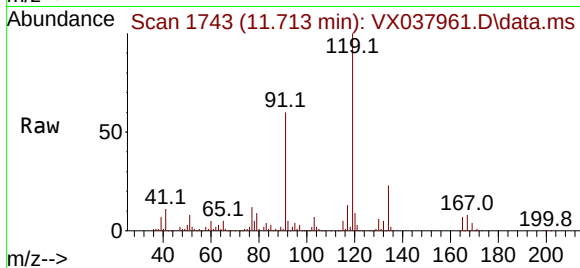
Tgt Ion: 91 Resp: 218254
Ion Ratio Lower Upper
91 100
126 30.9 0.0 59.4





#79
tert-butylbenzene
Concen: 18.746 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

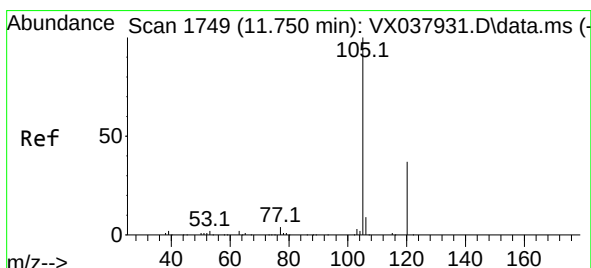
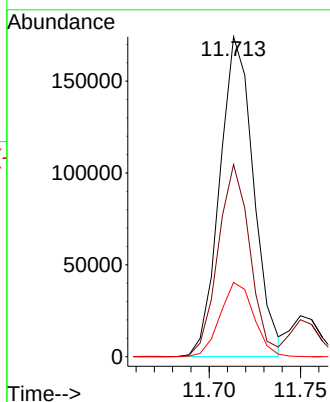
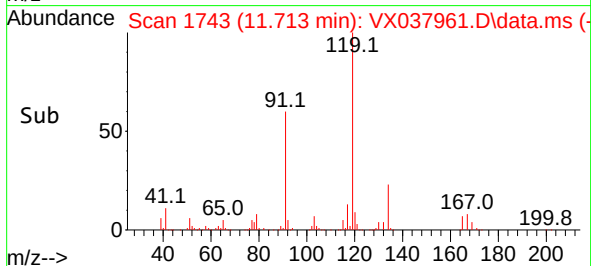
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 22505
Ion Ratio Lower Upper
119 100
91 56.8 0.0 124.4
134 23.1 0.0 47.2

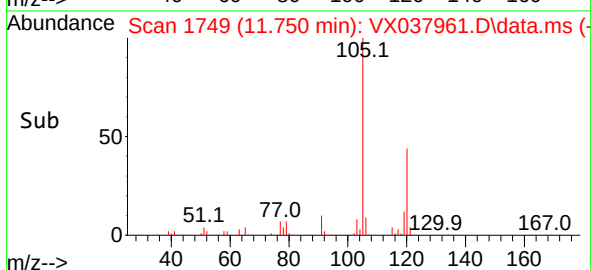
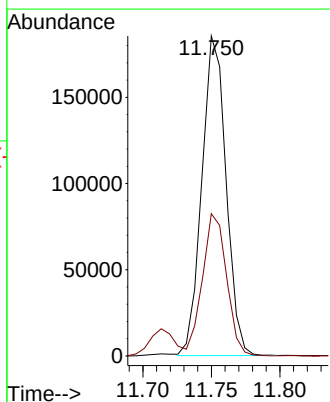
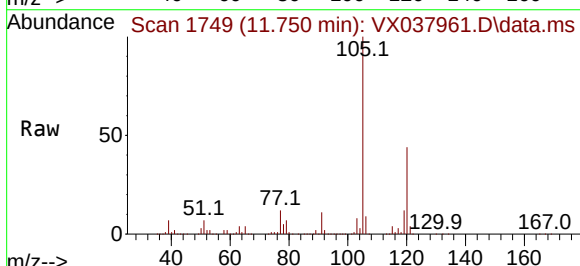
Manual Integrations
APPROVED

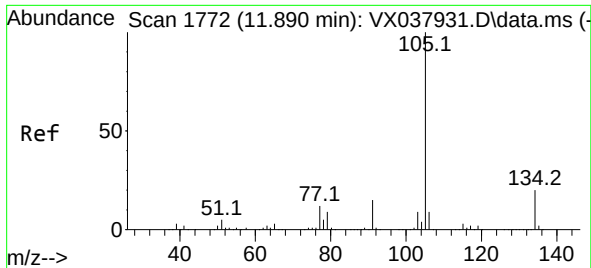
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#80
1,2,4-Trimethylbenzene
Concen: 18.770 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

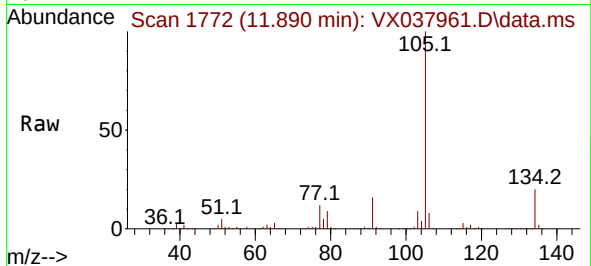
Tgt Ion:105 Resp: 227595
Ion Ratio Lower Upper
105 100
120 44.4 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 18.960 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037961.D
 Acq: 28 Sep 2023 19:40

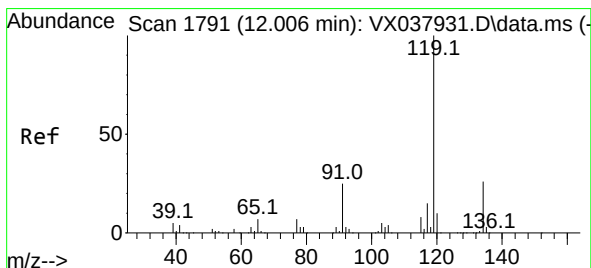
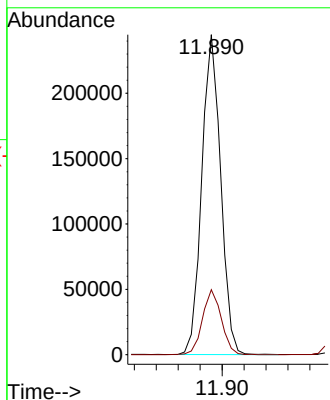
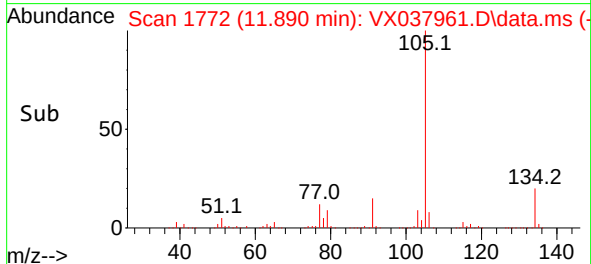
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



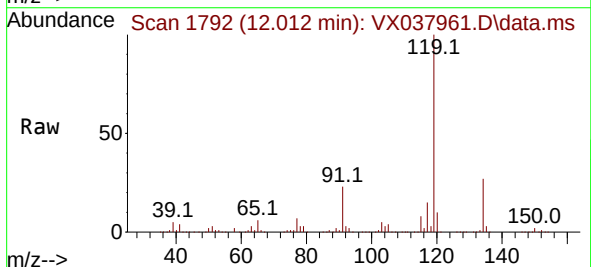
Tgt Ion:105 Resp: 292725
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.2

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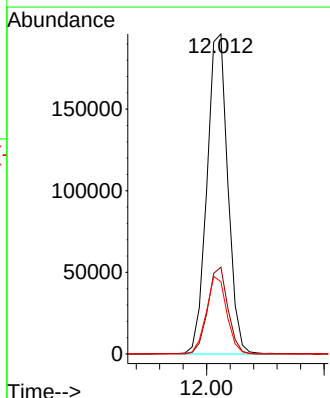
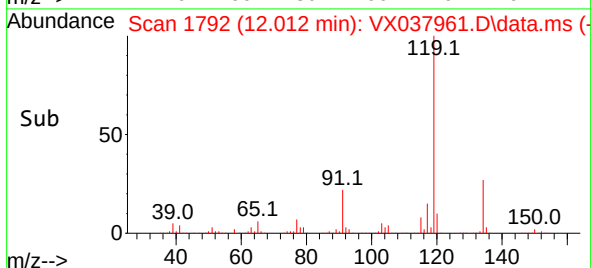
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023

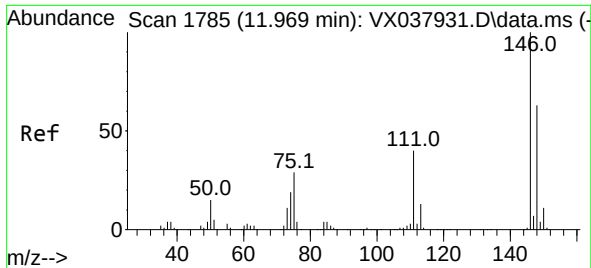


#82
 p-Isopropyltoluene
 Concen: 18.659 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX037961.D
 Acq: 28 Sep 2023 19:40



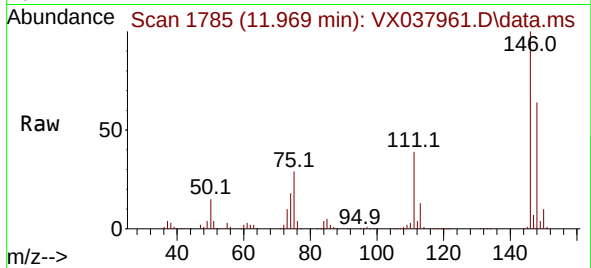
Tgt Ion:119 Resp: 241855
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 53.2
 91 23.7 0.0 49.4





#83
1,3-Dichlorobenzene
Concen: 18.779 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

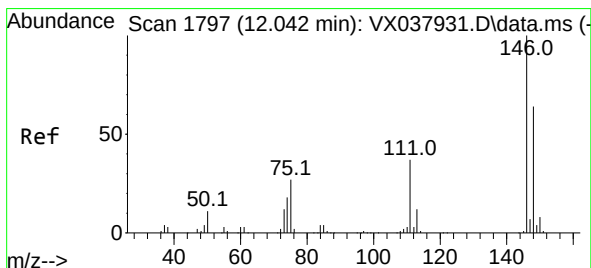
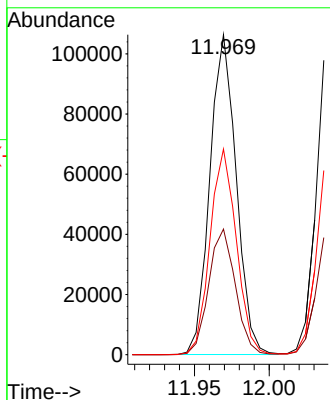
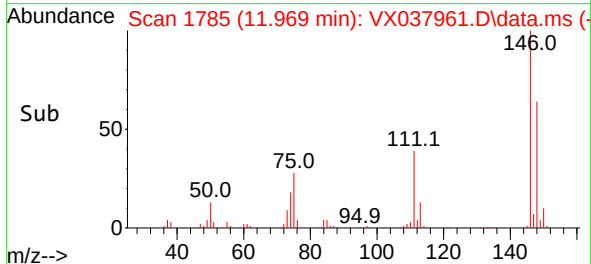
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



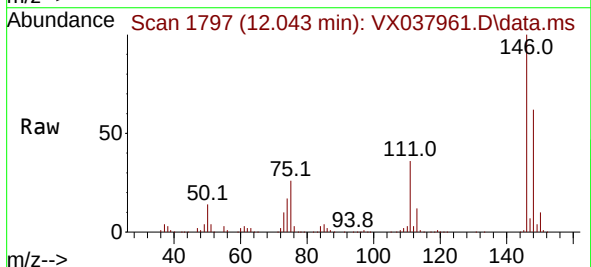
Tgt Ion:146 Resp: 13017
Ion Ratio Lower Upper
146 100
111 39.4 20.4 61.2
148 64.3 31.6 94.8

Manual Integrations
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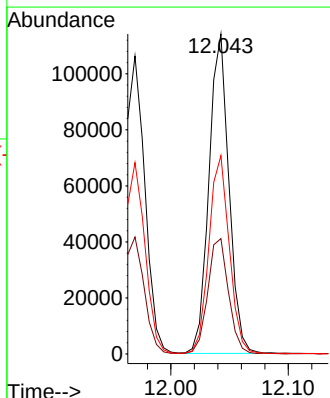
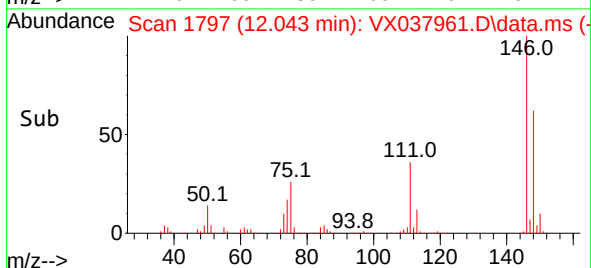
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

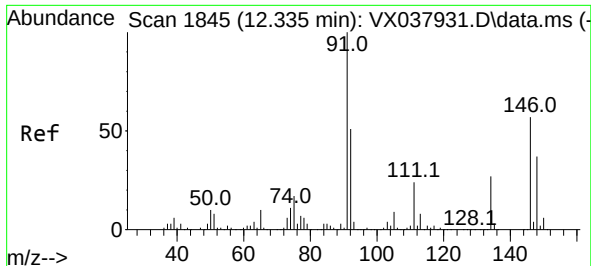


#84
1,4-Dichlorobenzene
Concen: 19.117 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40



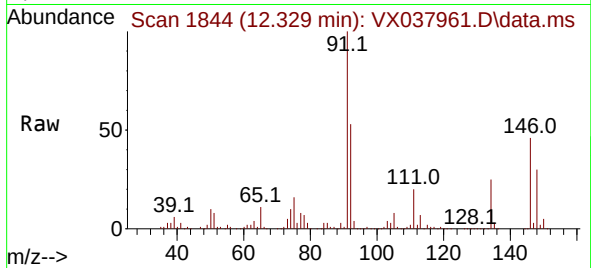
Tgt Ion:146 Resp: 134282
Ion Ratio Lower Upper
146 100
111 37.5 20.2 60.6
148 63.8 32.1 96.3





#85
n-Butylbenzene
Concen: 18.320 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

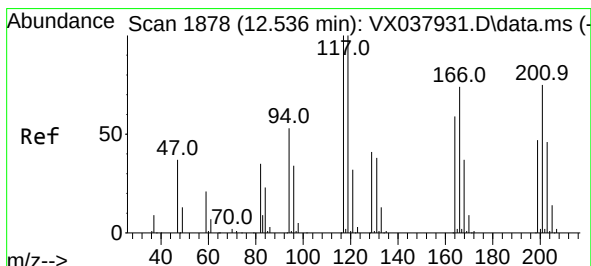
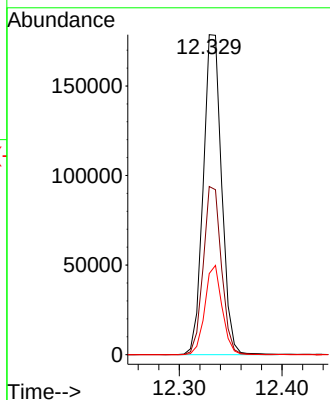
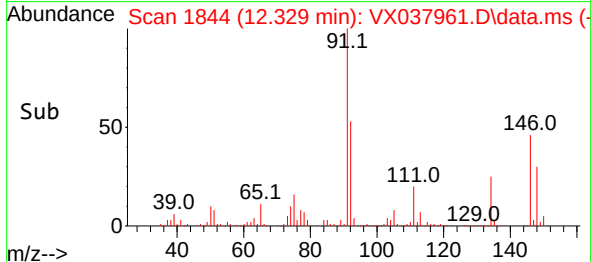
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 22217
Ion Ratio Lower Upper
91 100
92 51.9 0.0 105.2
134 26.2 0.0 51.4

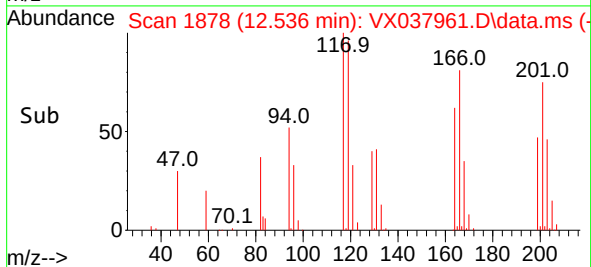
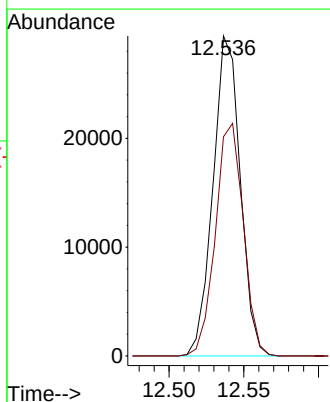
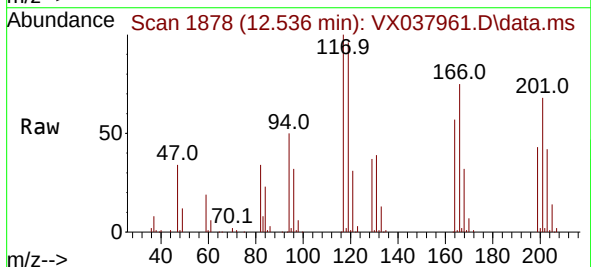
Manual Integrations
APPROVED

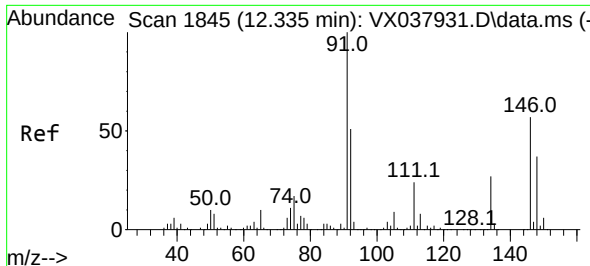
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#86
Hexachloroethane
Concen: 17.644 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

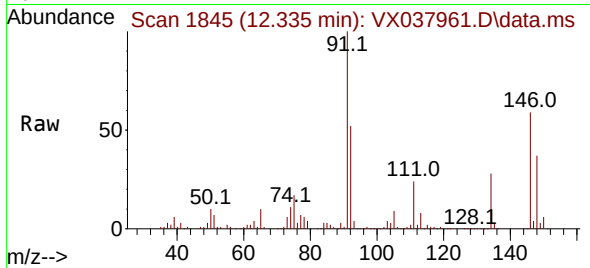
Tgt Ion:117 Resp: 37260
Ion Ratio Lower Upper
117 100
201 74.5 36.0 108.0





#87
1,2-Dichlorobenzene
Concen: 18.764 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

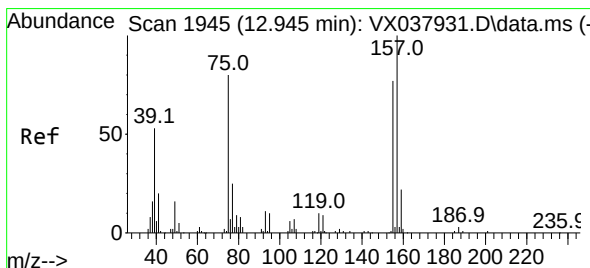
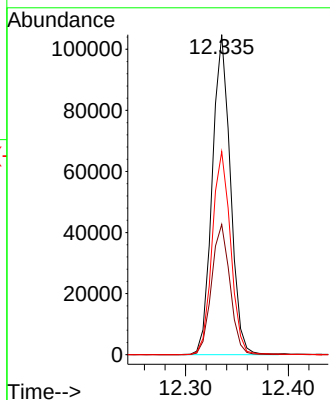
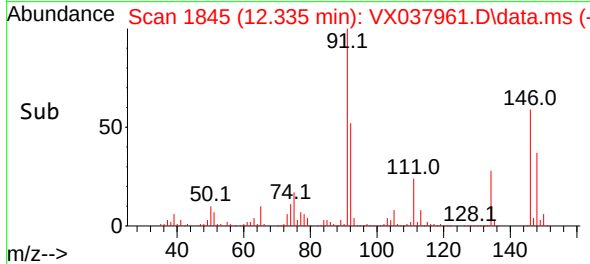
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



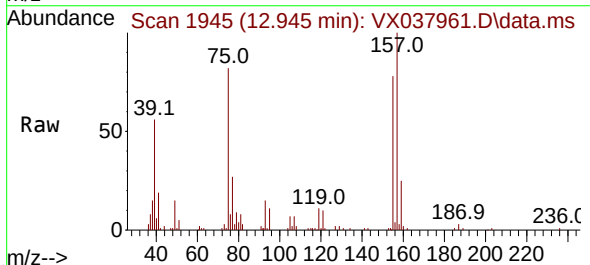
Tgt Ion:146 Resp: 128160
Ion Ratio Lower Upper
146 100
111 41.1 21.4 64.3
148 64.6 33.2 99.6

Manual Integrations
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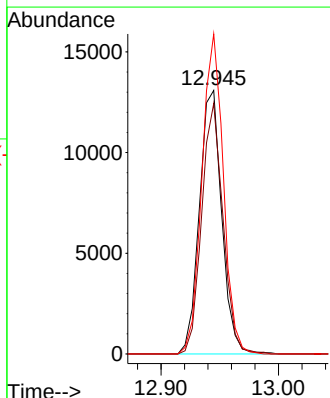
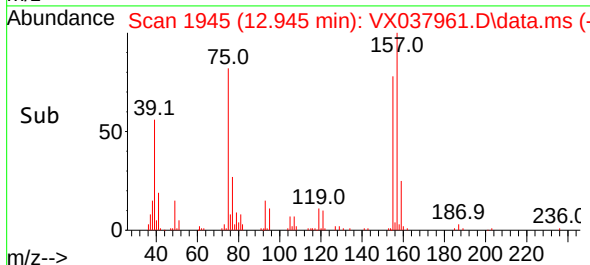
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

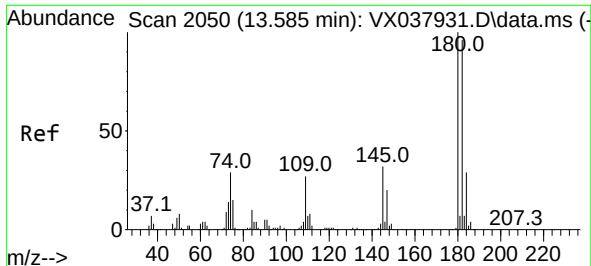


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.596 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40



Tgt Ion: 75 Resp: 17267
Ion Ratio Lower Upper
75 100
155 90.8 62.7 94.1
157 116.1 81.5 122.3





#89
 1,2,4-Trichlorobenzene
 Concen: 19.123 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX037961.D
 Acq: 28 Sep 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

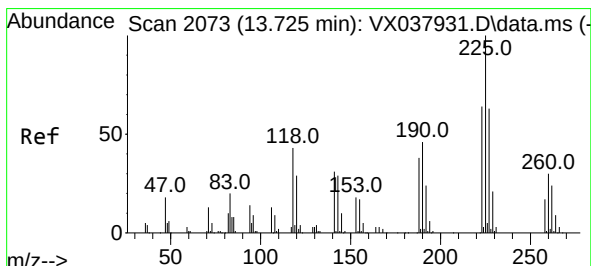
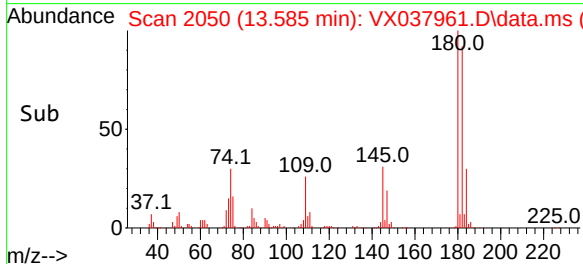
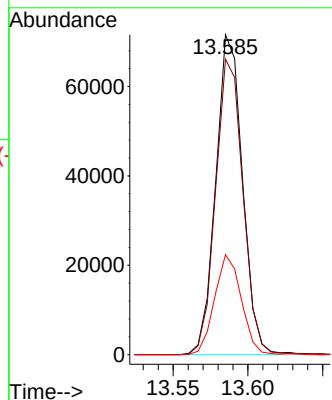
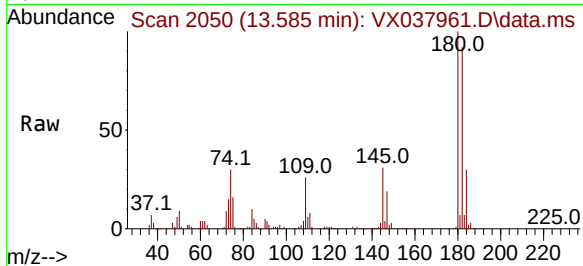
VSTDCCC020EC

Tgt Ion:180 Resp: 88864
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.6 113.4
 145 31.2 25.4 38.2

Manual Integrations

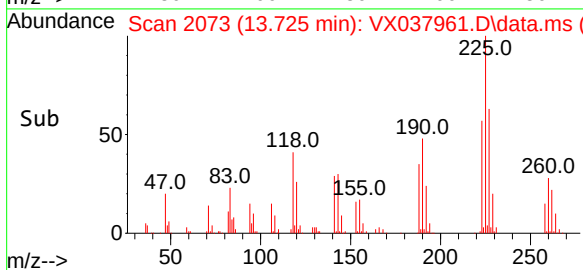
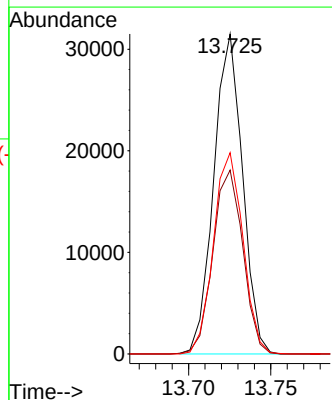
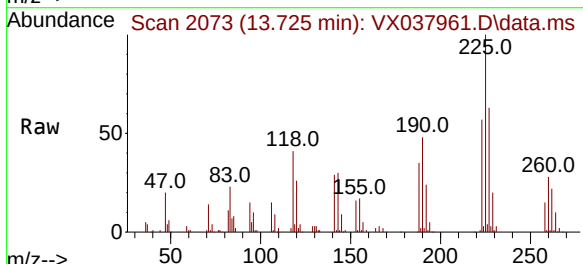
APPROVED

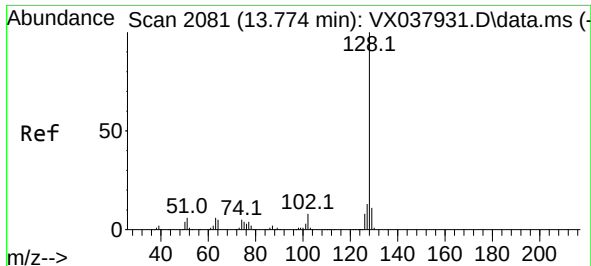
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023



#90
 Hexachlorobutadiene
 Concen: 18.749 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX037961.D
 Acq: 28 Sep 2023 19:40

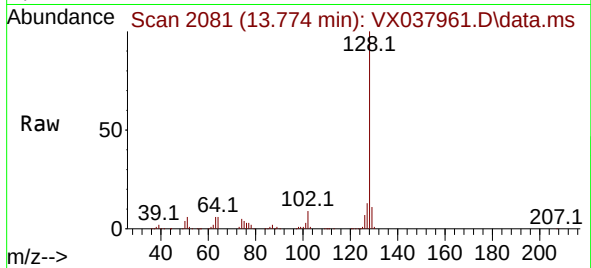
Tgt Ion:225 Resp: 38275
 Ion Ratio Lower Upper
 225 100
 223 59.8 0.0 124.2
 227 64.5 0.0 120.4





#91
Naphthalene
Concen: 19.193 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40

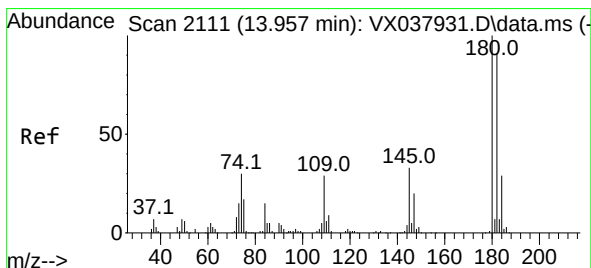
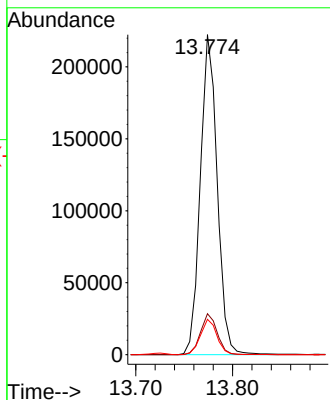
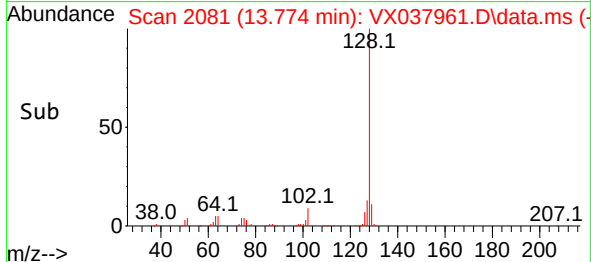
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



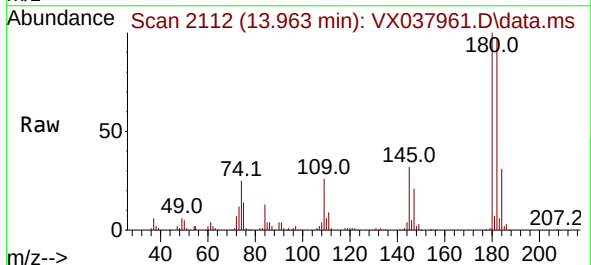
Tgt Ion:128 Resp: 270492
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#92
1,2,3-Trichlorobenzene
Concen: 18.896 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX037961.D
Acq: 28 Sep 2023 19:40



Tgt Ion:180 Resp: 85486
Ion Ratio Lower Upper
180 100
182 95.6 0.0 190.6
145 31.8 0.0 66.8

