

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034788.D
 Acq On : 28 Mar 2023 13:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

Quant Time: Mar 28 15:18:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	27232	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	184516	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	199784	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	79325	30.317	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.067%			
60) 4-Bromofluorobenzene	11.079	95	113719	28.487	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.967%			
63) Toluene-d8	8.647	98	203545	29.980	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.933%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48616	18.823	ug/l	97
3) Chloromethane	1.294	50	68660	20.501	ug/l	98
4) Vinyl Chloride	1.374	62	66483	20.120	ug/l	94
5) Bromomethane	1.618	94	46206	21.260	ug/l	94
6) Chloroethane	1.691	64	43158	20.070	ug/l	98
7) Trichlorofluoromethane	1.892	101	101127	19.214	ug/l	100
8) Diethyl Ether	2.130	74	39701	20.952	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	49622	18.583	ug/l	99
10) 1,1-Dichloroethene	2.319	96	50284	18.603	ug/l	93
11) Methyl Iodide	2.453	142	64848	18.839	ug/l	95
12) Methyl Acetate	2.703	43	120841	20.187	ug/l	99
13) Acrolein	2.239	56	69335	99.884	ug/l	98
14) Acrylonitrile	3.069	53	167273	101.481	ug/l	99
15) Acetone	2.392	58	45522	101.726	ug/l	94
16) Carbon Disulfide	2.514	76	119208	17.242	ug/l	98
17) Allyl chloride	2.666	41	100417	19.198	ug/l	98
18) Methylene Chloride	2.788	84	61844	19.422	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	56600	19.136	ug/l	96
20) Diisopropyl ether	3.757	45	216039	20.161	ug/l	98
21) 1,1-Dichloroethane	3.611	63	111339	19.431	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	67170	19.498	ug/l	99
23) tert-Butyl Alcohol	3.008	59	66793	90.062	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	199398	19.851	ug/l	98
25) Chloroform	5.093	83	113817	19.529	ug/l	98
26) Cyclohexane	5.471	56	89369	17.798	ug/l #	97
29) 1,1-Dichloropropene	5.696	75	79428	18.716	ug/l	99
30) 2-Butanone	4.562	43	243757	102.993	ug/l	99
31) 2,2-Dichloropropane	4.477	77	81607	18.962	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	89986	18.075	ug/l	99
33) Carbon Tetrachloride	5.678	117	72858	17.731	ug/l	98
34) Benzene	6.037	78	242294	19.646	ug/l	99
35) Methacrylonitrile	4.922	41	51673	19.948	ug/l	95
36) 1,2-Dichloroethane	6.086	62	97784	20.222	ug/l	100
37) Trichloroethene	7.129	130	59251	18.878	ug/l	99
38) Methylcyclohexane	7.379	83	85207	18.377	ug/l	99
39) 1,2-Dichloropropane	7.428	63	63530	19.818	ug/l	95
40) Dibromomethane	7.580	93	43959	19.962	ug/l	100
41) Bromodichloromethane	7.818	83	78697	18.973	ug/l #	98
42) Vinyl Acetate	3.721	43	787378	101.977	ug/l	100

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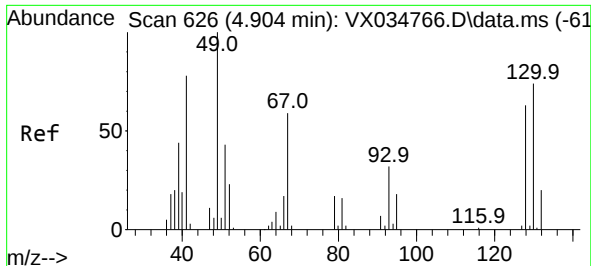
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

Quant Time: Mar 28 15:18:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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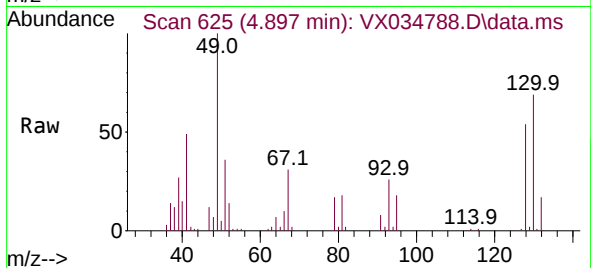
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	92268	20.101	ug/l	99
44) Isopropyl Acetate	6.342	43	153834	19.798	ug/l	98
45) 1,4-Dioxane	7.714	88	32704	424.822	ug/l #	67
46) Methyl methacrylate	7.690	41	74491	19.675	ug/l	97
47) n-amyl Acetate	10.842	43	129031	19.100	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	83121	18.392	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	93528	18.837	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	62809	20.473	ug/l	97
51) Ethyl methacrylate	9.116	69	96675	19.415	ug/l	97
52) 1,3-Dichloropropane	9.311	76	109441	20.194	ug/l	99
53) Dibromochloromethane	9.519	129	56017	18.457	ug/l	100
54) 1,2-Dibromoethane	9.610	107	64938	19.788	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	279585	106.698	ug/l	100
56) Bromoform	10.799	173	35720	17.069	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	485369	105.962	ug/l	99
59) 2-Hexanone	9.427	43	364280	105.625	ug/l	99
61) Tetrachloroethene	9.275	164	51213	19.024	ug/l	97
62) Toluene	8.720	91	251418	19.246	ug/l	99
64) Chlorobenzene	10.079	112	153398	19.068	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	54941	19.104	ug/l	98
66) Ethyl Benzene	10.195	91	277736	19.088	ug/l	99
67) m/p-Xylenes	10.299	106	210857	38.088	ug/l	97
68) o-Xylene	10.640	106	104023	19.000	ug/l	99
69) Styrene	10.653	104	167987	18.612	ug/l	99
70) Isopropylbenzene	10.963	105	262317	18.513	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	94266	20.240	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	77474m	18.274	ug/l	
73) Bromobenzene	11.195	156	66235	19.465	ug/l	98
74) n-propylbenzene	11.305	91	302510	18.340	ug/l	100
75) 2-Chlorotoluene	11.366	91	189334	18.412	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	219321	18.388	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	21524	16.531	ug/l	93
78) 4-Chlorotoluene	11.451	91	216195	18.339	ug/l	99
79) tert-butylbenzene	11.713	119	208342	18.298	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	220151	18.574	ug/l	99
81) sec-Butylbenzene	11.890	105	250135	18.130	ug/l	99
82) p-Isopropyltoluene	12.006	119	207499	17.823	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	120247	18.712	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	119054	18.449	ug/l	99
85) n-Butylbenzene	12.329	91	177596	17.700	ug/l	99
86) Hexachloroethane	12.536	117	30459	15.973	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	119915	19.070	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	18544	18.220	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	68692	18.211	ug/l	98
90) Hexachlorobutadiene	13.725	225	25337	17.417	ug/l	96
91) Naphthalene	13.774	128	258837	19.422	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	71708	19.016	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

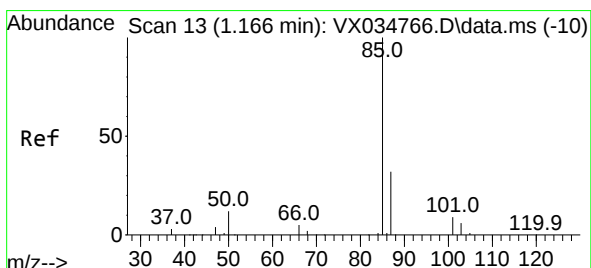
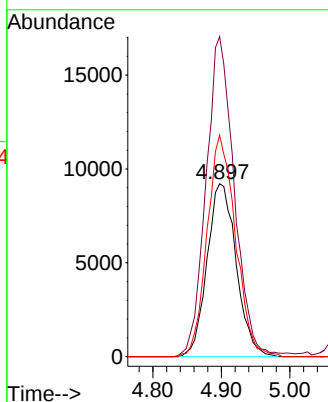
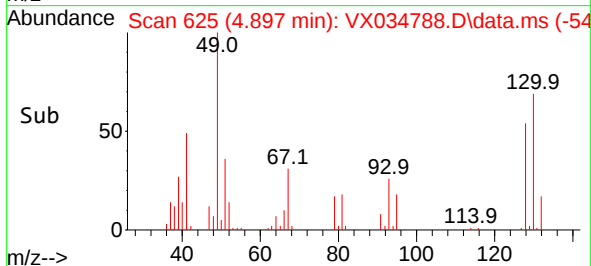
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 2723
Ion Ratio Lower Upper
128 100
49 178.4 0.0 428.8
130 125.1 0.0 310.8

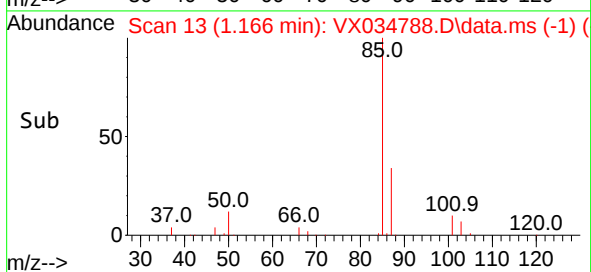
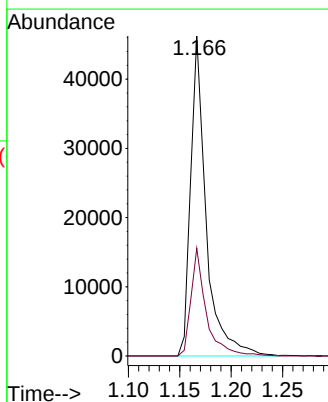
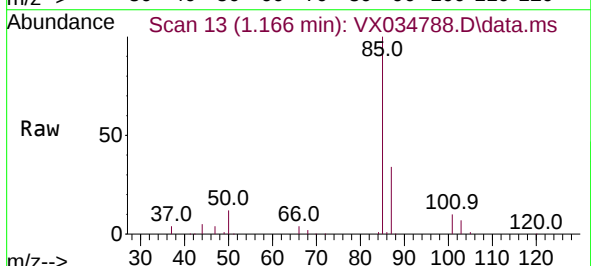
Manual Integrations
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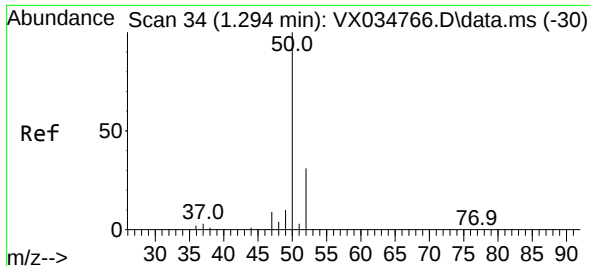
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#2
Dichlorodifluoromethane
Concen: 18.823 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

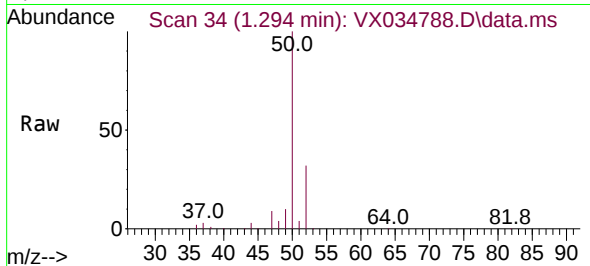
Tgt Ion: 85 Resp: 48616
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0





#3
Chloromethane
Concen: 20.501 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

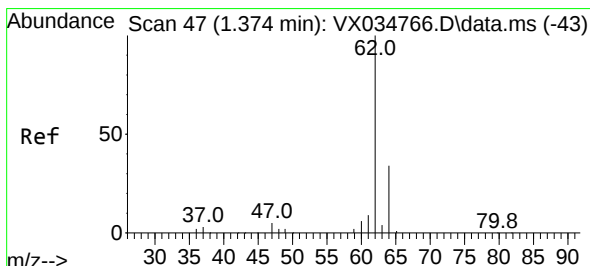
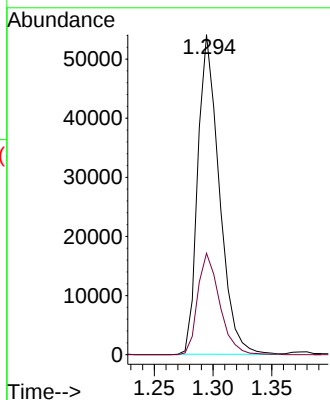
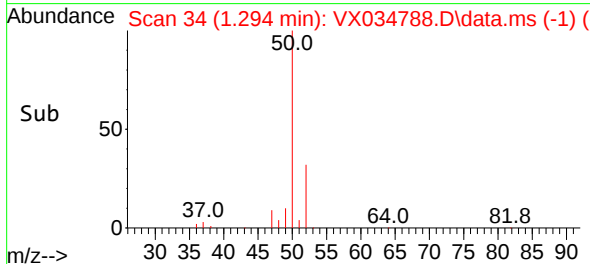
Instrument :
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ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 68660
Ion Ratio Lower Upper
50 100
52 31.7 24.6 36.8

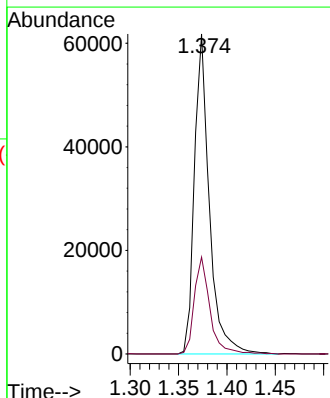
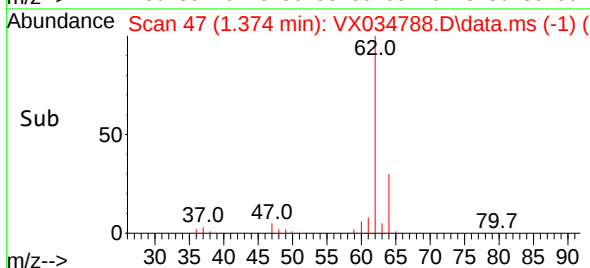
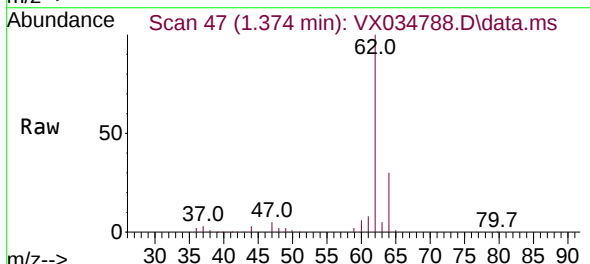
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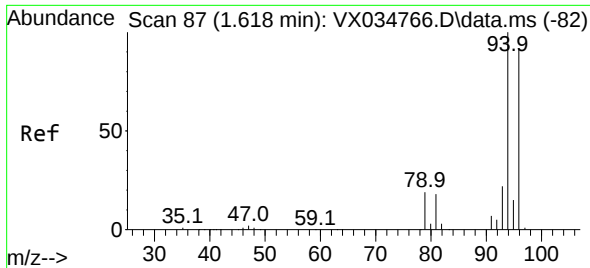
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#4
Vinyl Chloride
Concen: 20.120 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

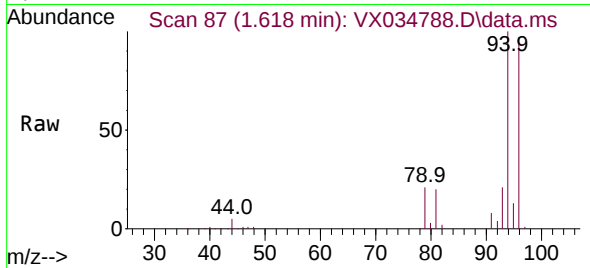
Tgt Ion: 62 Resp: 66483
Ion Ratio Lower Upper
62 100
64 30.3 26.9 40.3





#5
Bromomethane
Concen: 21.260 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

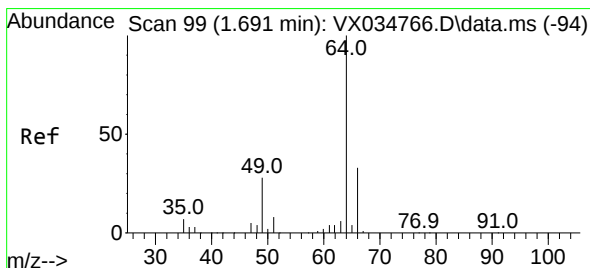
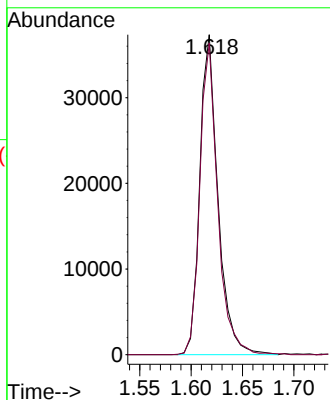
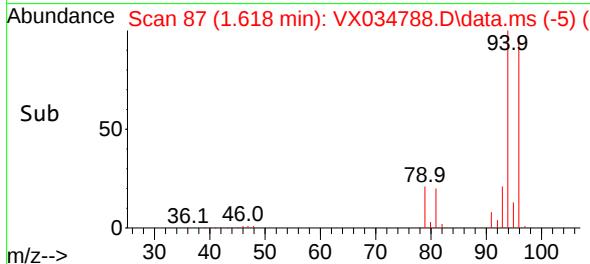
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 46200
Ion Ratio Lower Upper
94 100
96 97.2 73.4 110.0

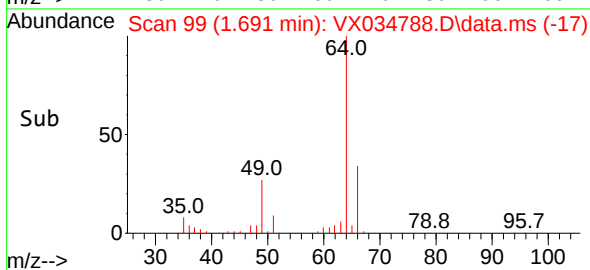
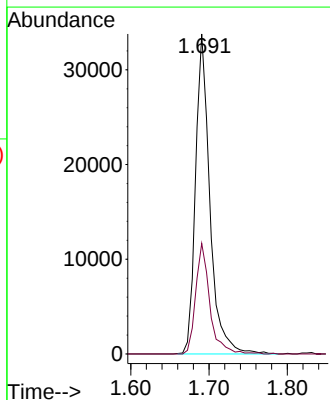
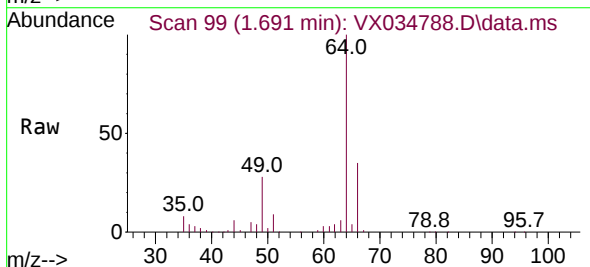
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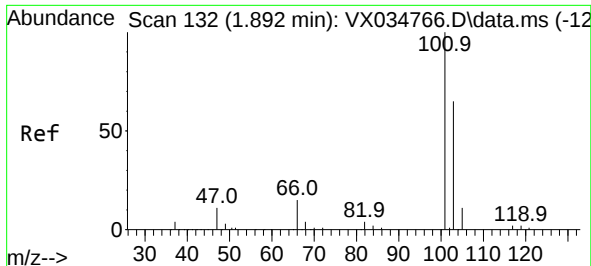
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#6
Chloroethane
Concen: 20.070 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

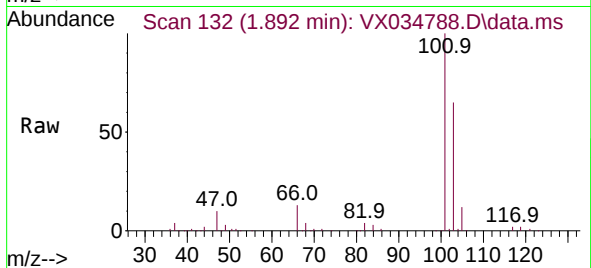
Tgt Ion: 64 Resp: 43158
Ion Ratio Lower Upper
64 100
66 34.5 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 19.214 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034788.D
 Acq: 28 Mar 2023 13:12

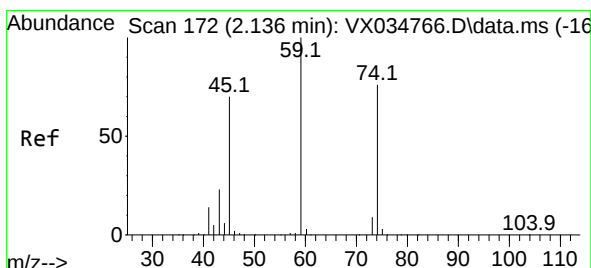
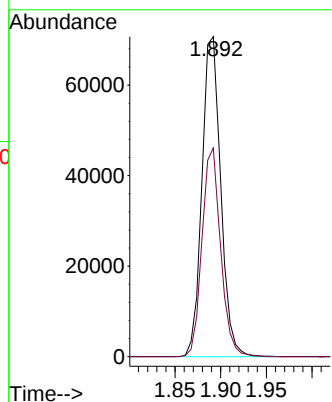
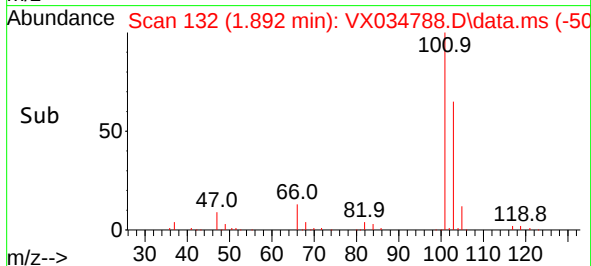
Instrument :
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Tgt Ion:101 Resp: 10112
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.1 78.1

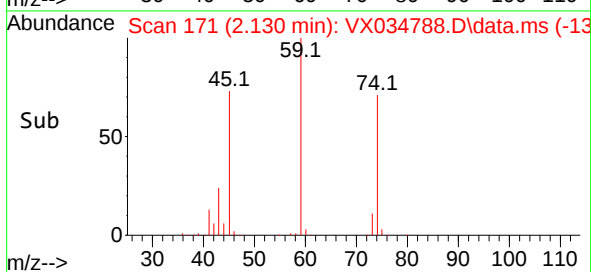
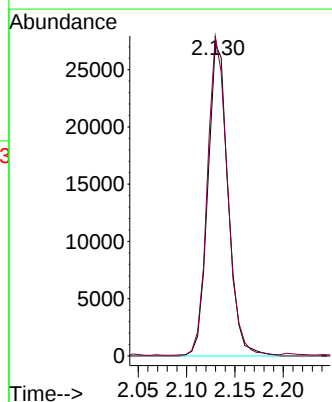
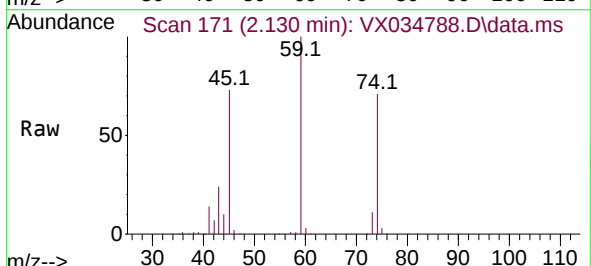
Manual Integrations
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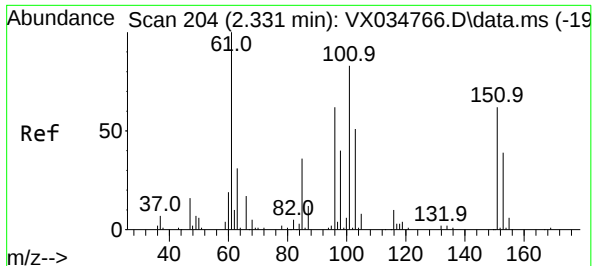
Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023



#8
 Diethyl Ether
 Concen: 20.952 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX034788.D
 Acq: 28 Mar 2023 13:12

Tgt Ion: 74 Resp: 39701
 Ion Ratio Lower Upper
 74 100
 45 101.8 20.5 184.5





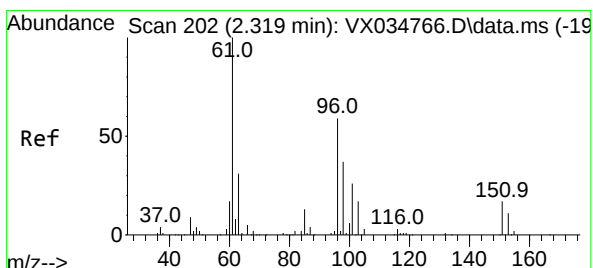
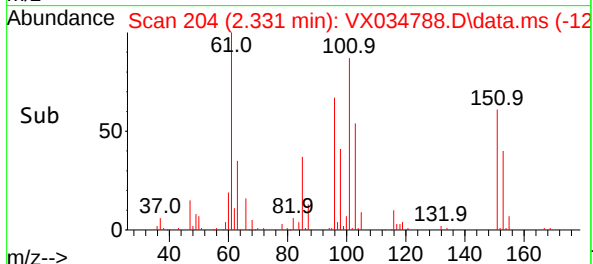
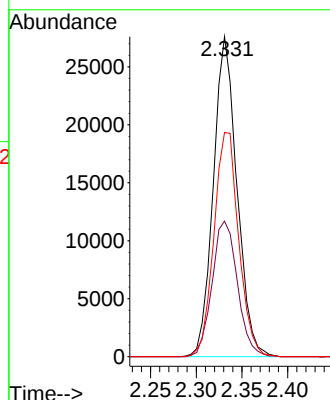
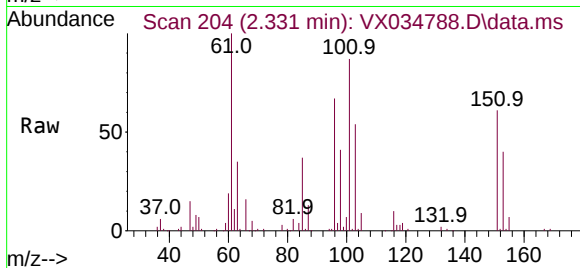
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.583 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034788.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 4962
Ion Ratio Lower Upper
101 100
85 45.4 0.0 88.8
151 73.5 0.0 147.6

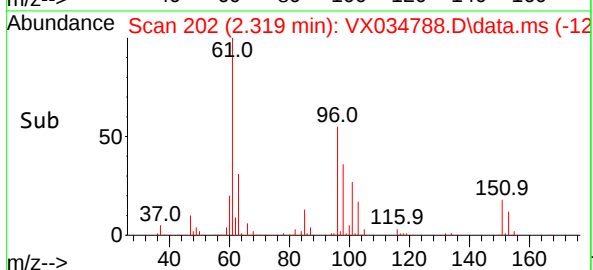
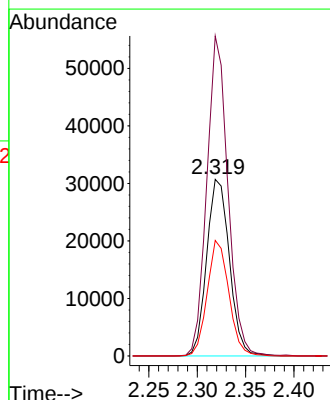
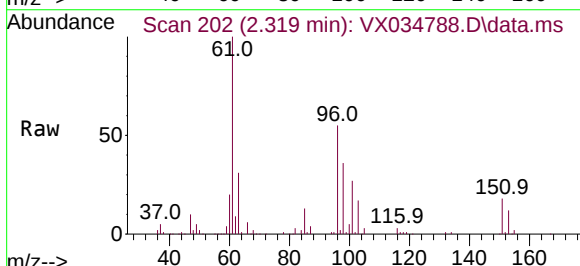
Manual Integrations
APPROVED

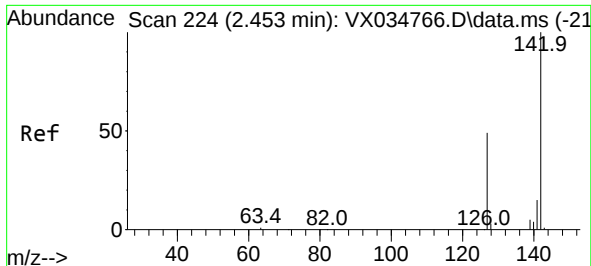
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#10
1,1-Dichloroethene
Concen: 18.603 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

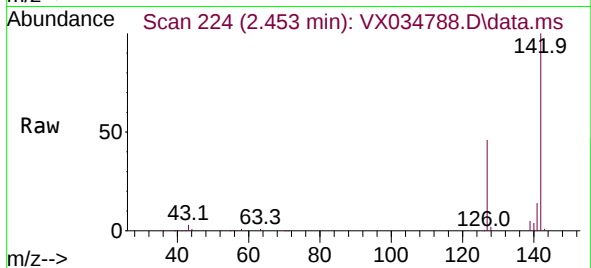
Tgt Ion: 96 Resp: 50284
Ion Ratio Lower Upper
96 100
61 180.9 135.8 203.6
98 65.4 49.8 74.6





#11
Methyl Iodide
Concen: 18.839 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

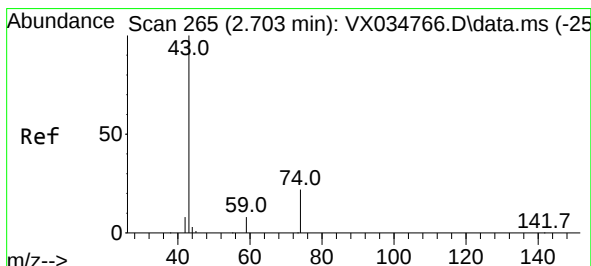
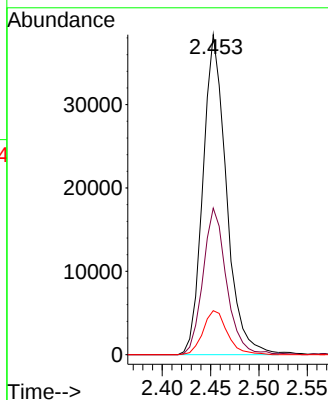
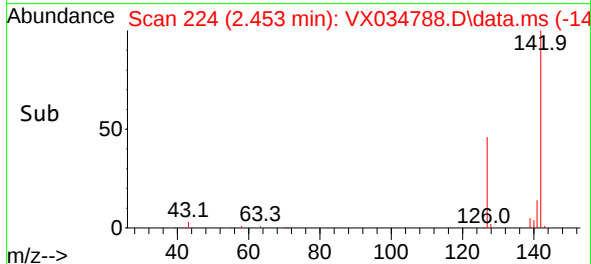
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 64848
Ion Ratio Lower Upper
142 100
127 45.8 24.5 73.5
141 13.4 7.6 22.8

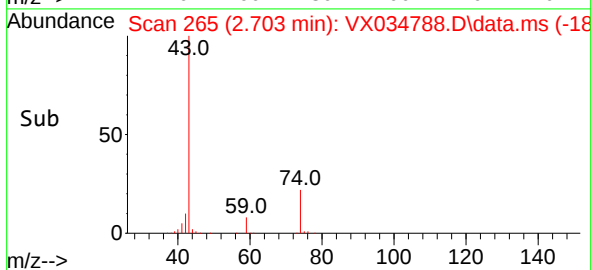
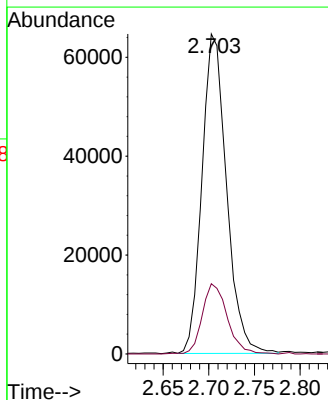
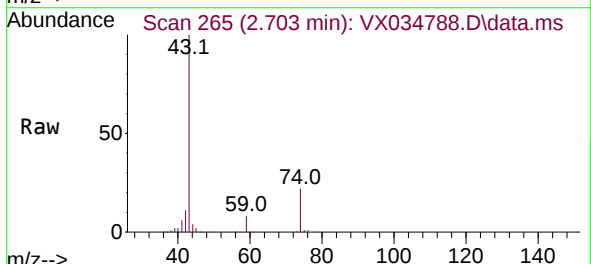
Manual Integrations
APPROVED

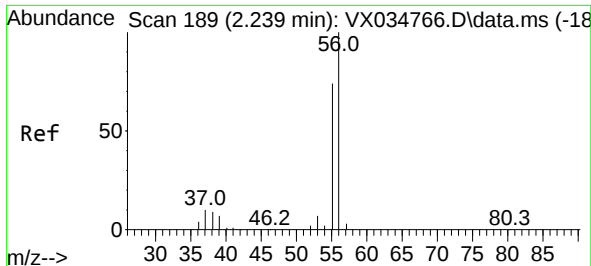
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#12
Methyl Acetate
Concen: 20.187 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

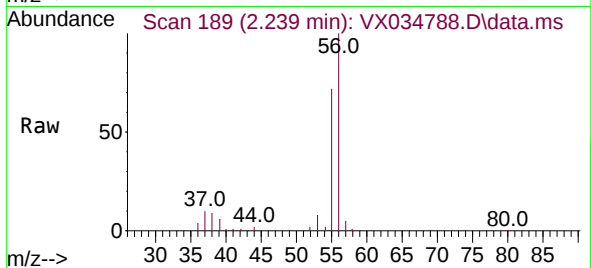
Tgt Ion: 43 Resp: 120841
Ion Ratio Lower Upper
43 100
74 21.9 18.0 27.0





#13
Acrolein
Concen: 99.884 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

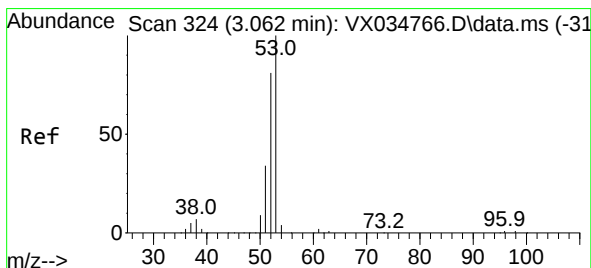
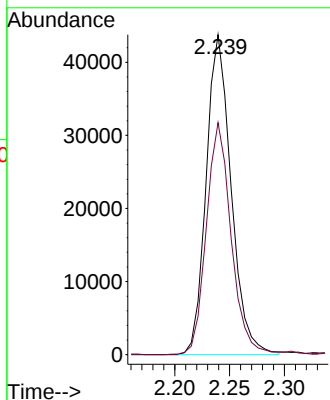
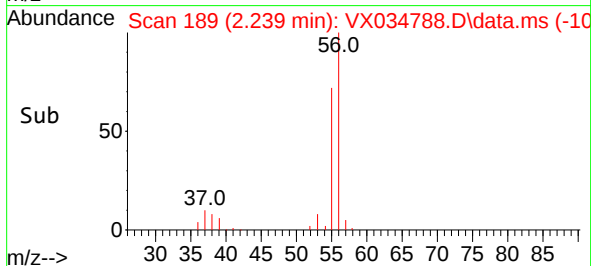
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



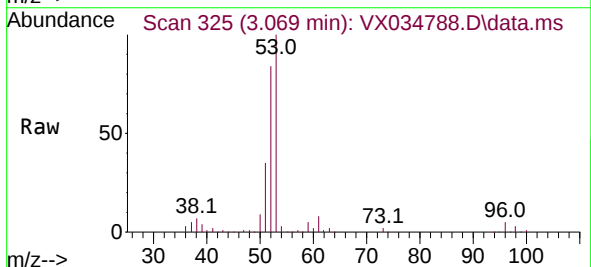
Tgt Ion: 56 Resp: 6933
Ion Ratio Lower Upper
56 100
55 72.2 56.6 85.0

Manual Integrations
APPROVED

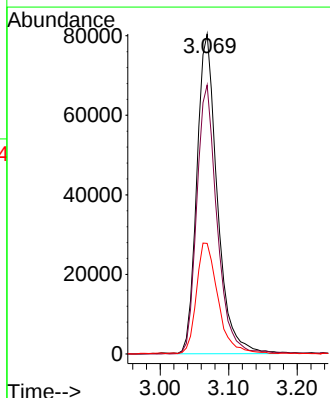
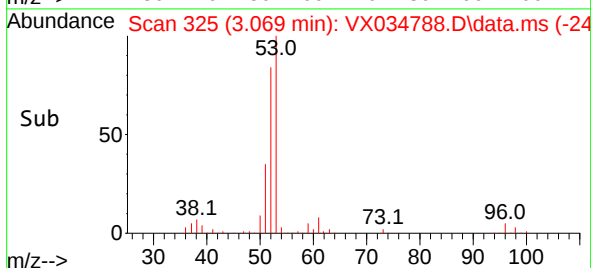
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

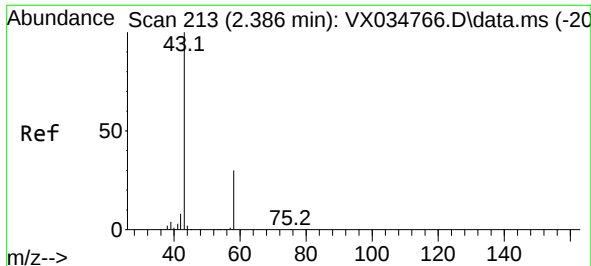


#14
Acrylonitrile
Concen: 101.481 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12



Tgt Ion: 53 Resp: 167273
Ion Ratio Lower Upper
53 100
52 83.3 41.3 123.7
51 36.9 17.9 53.7





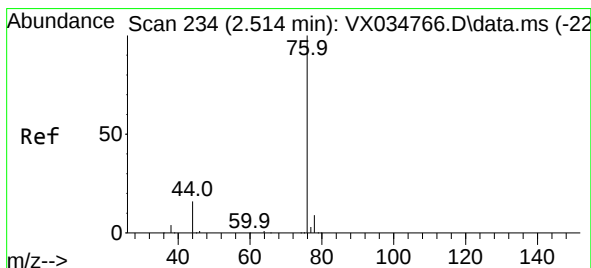
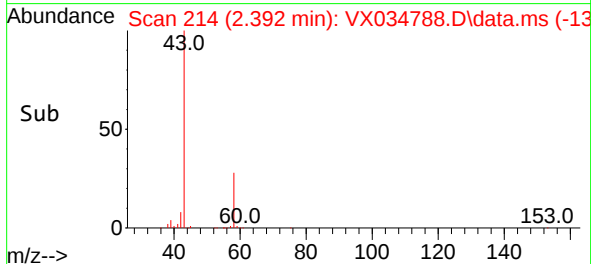
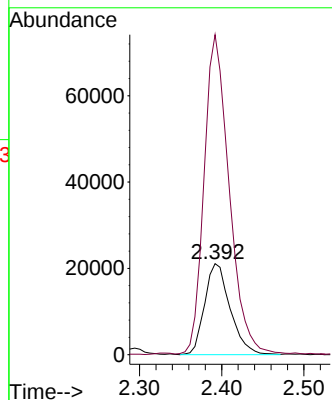
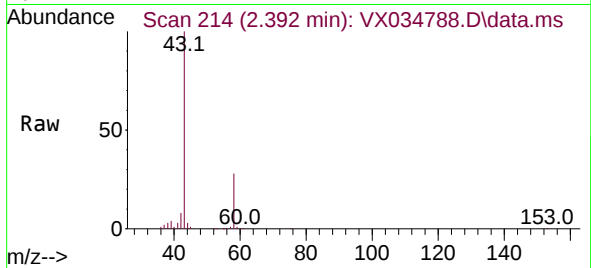
#15
Acetone
Concen: 101.726 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 4552
Ion Ratio Lower Upper
58 100
43 350.5 270.8 406.2

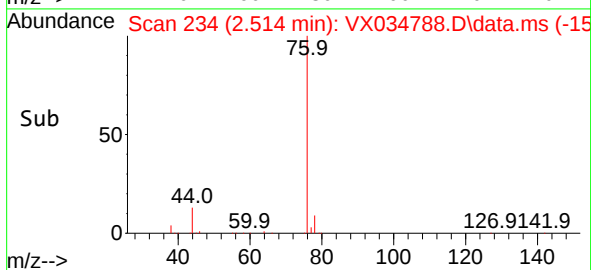
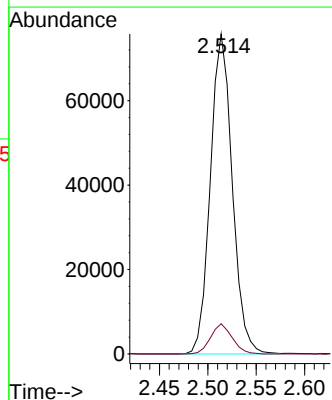
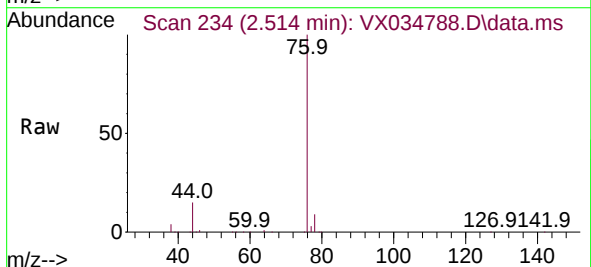
Manual Integrations
APPROVED

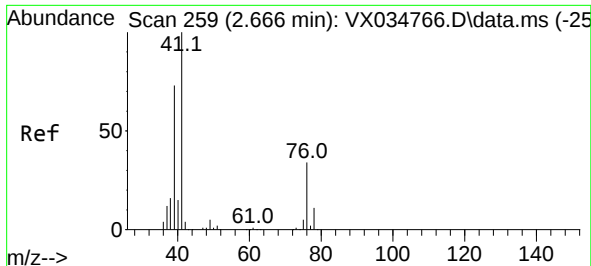
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#16
Carbon Disulfide
Concen: 17.242 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

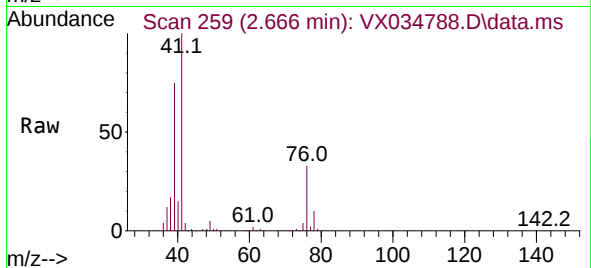
Tgt Ion: 76 Resp: 119208
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6





#17
 Allyl chloride
 Concen: 19.198 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX034788.D
 Acq: 28 Mar 2023 13:12

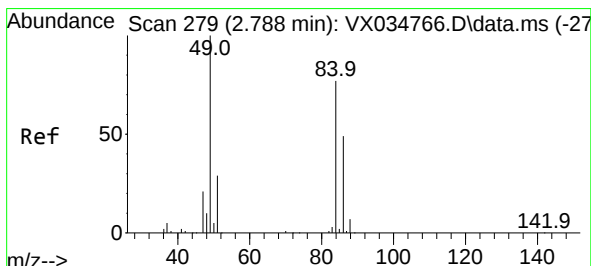
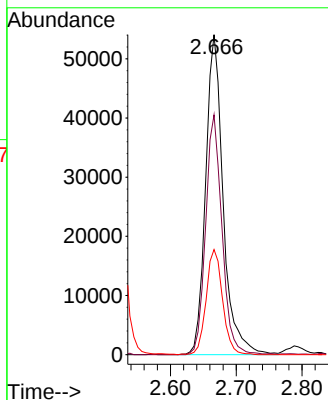
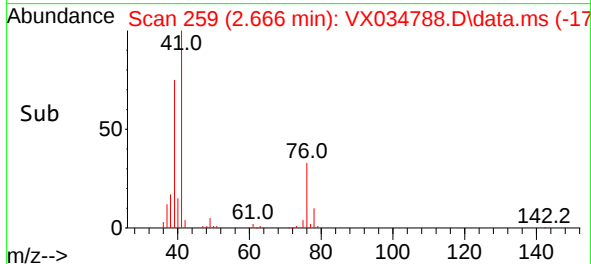
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 10041
 Ion Ratio Lower Upper
 41 100
 39 75.0 36.4 109.3
 76 32.9 17.0 51.0

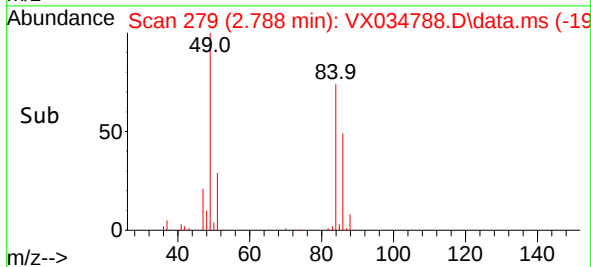
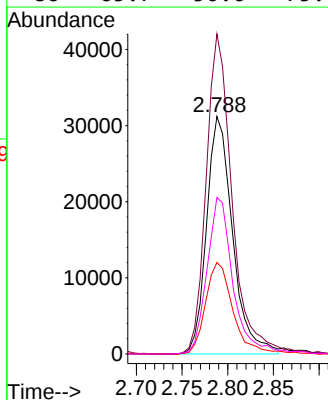
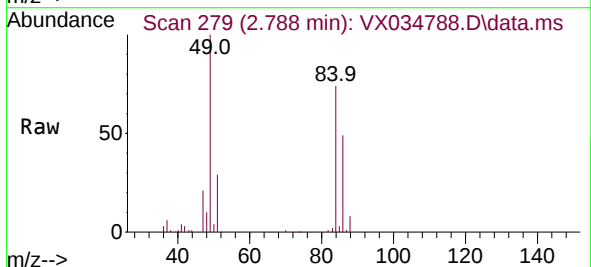
Manual Integrations
 APPROVED

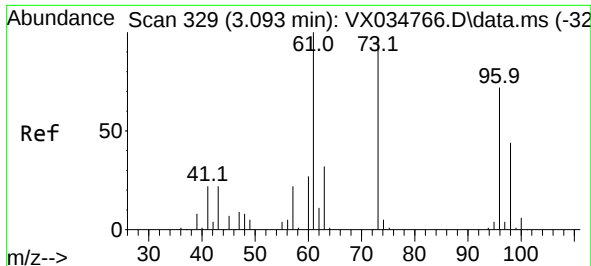
Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023



#18
 Methylene Chloride
 Concen: 19.422 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX034788.D
 Acq: 28 Mar 2023 13:12

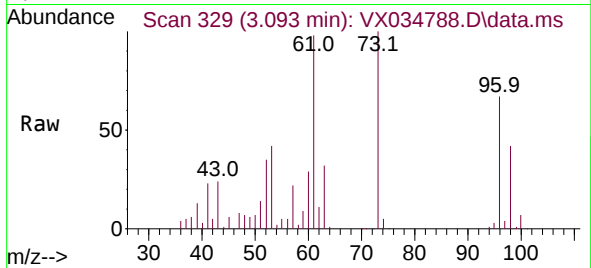
Tgt Ion: 84 Resp: 61844
 Ion Ratio Lower Upper
 84 100
 49 134.8 103.9 155.9
 51 38.6 30.6 45.8
 86 65.7 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 19.136 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

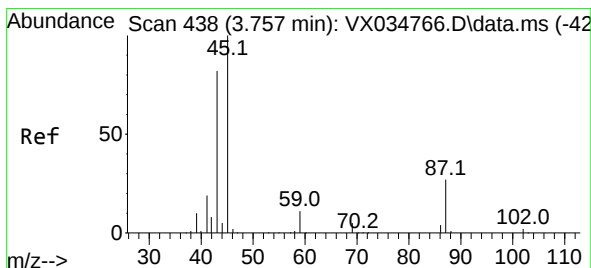
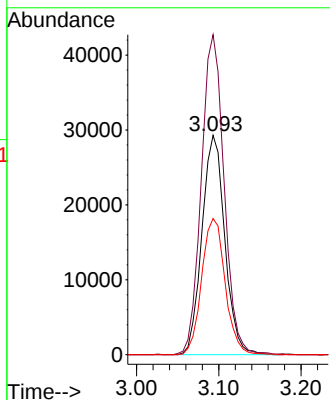
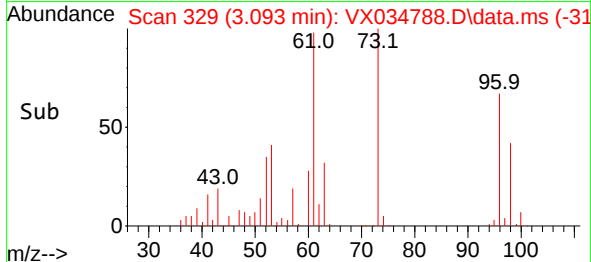
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 56600
Ion Ratio Lower Upper
96 100
61 145.6 111.1 166.7
98 62.1 48.6 72.8

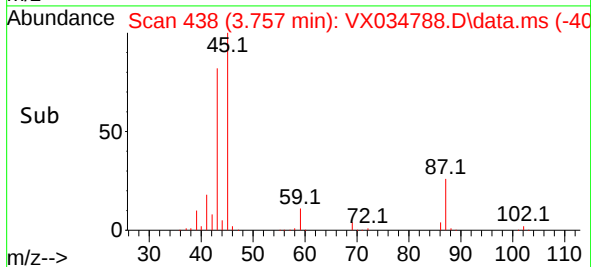
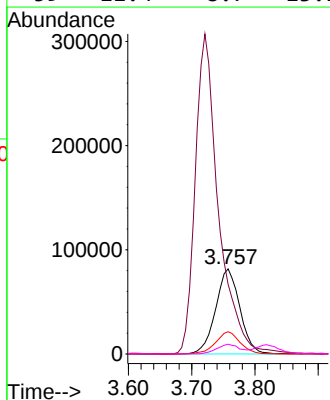
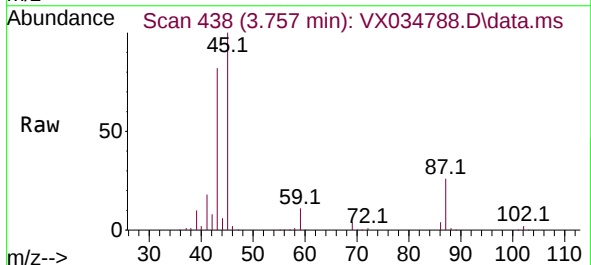
Manual Integrations
APPROVED

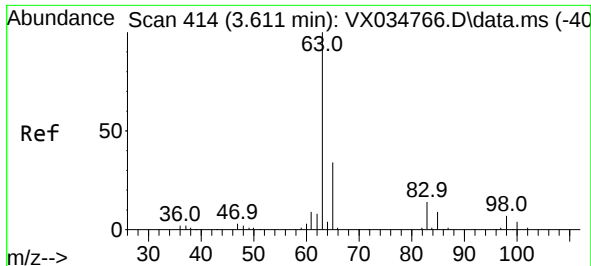
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#20
Diisopropyl ether
Concen: 20.161 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Tgt Ion: 45 Resp: 216039
Ion Ratio Lower Upper
45 100
43 80.1 66.0 99.0
87 26.1 21.8 32.6
59 11.4 8.7 13.1





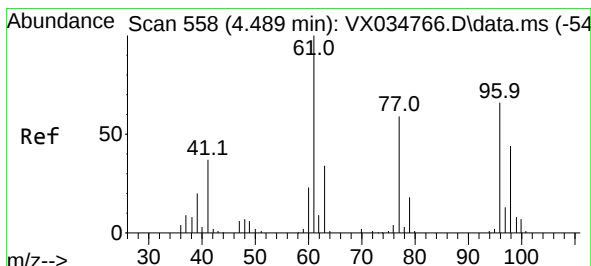
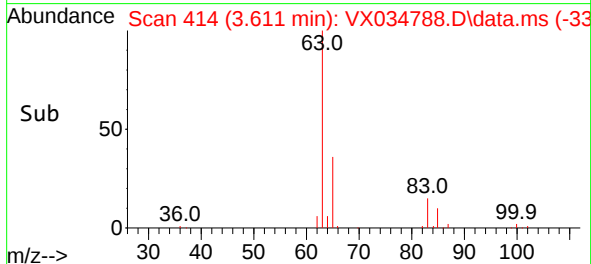
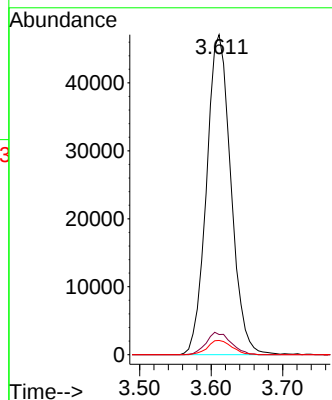
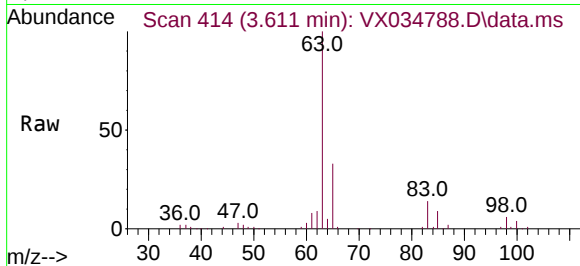
#21
1,1-Dichloroethane
Concen: 19.431 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 111339
Ion Ratio Lower Upper
63 100
98 6.3 3.5 10.6
100 4.5 2.2 6.6

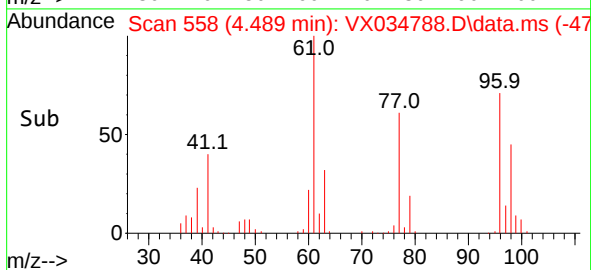
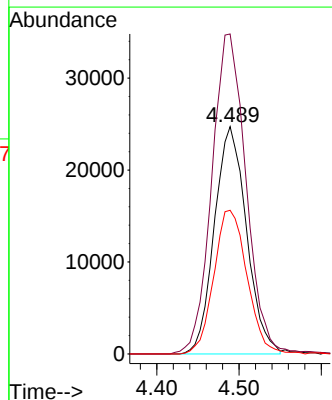
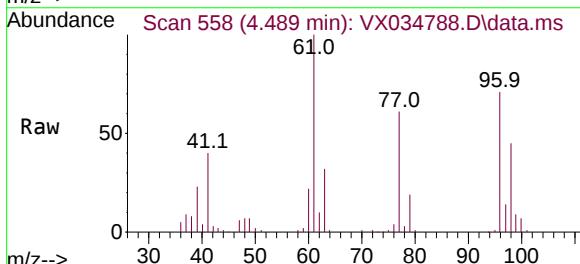
Manual Integrations
APPROVED

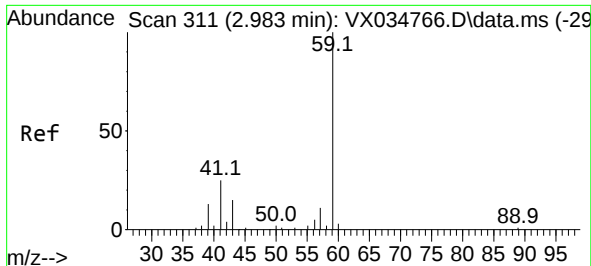
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#22
cis-1,2-Dichloroethene
Concen: 19.498 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Tgt Ion: 96 Resp: 67170
Ion Ratio Lower Upper
96 100
61 149.6 121.7 182.5
98 65.2 52.2 78.2





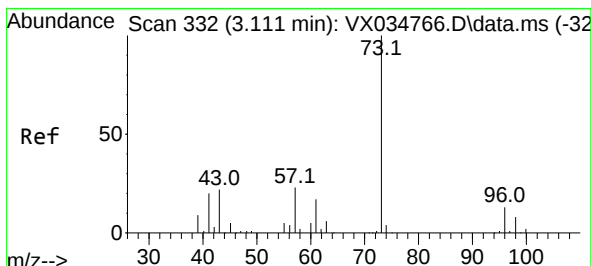
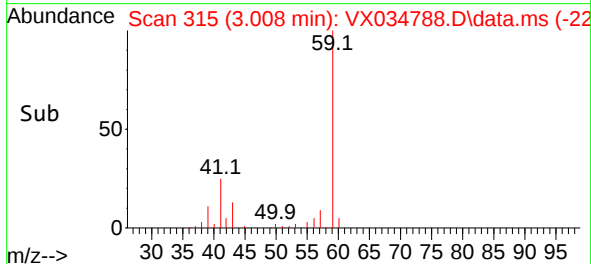
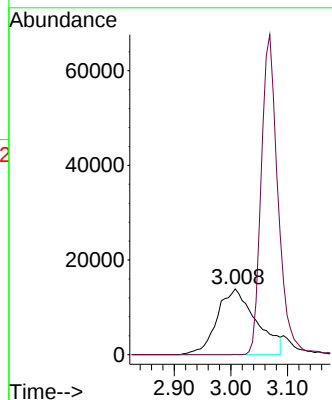
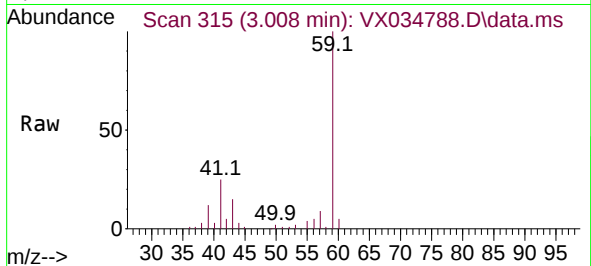
#23
tert-Butyl Alcohol
Concen: 90.062 ug/l
RT: 3.008 min Scan# 311
Delta R.T. 0.024 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 66793
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

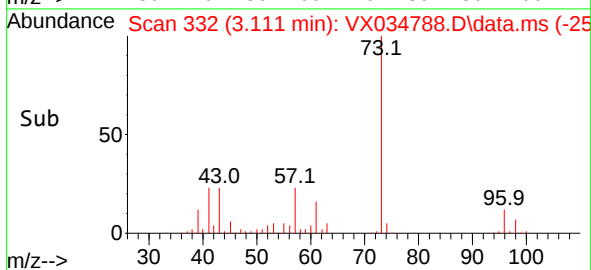
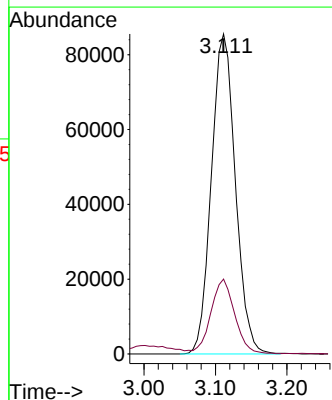
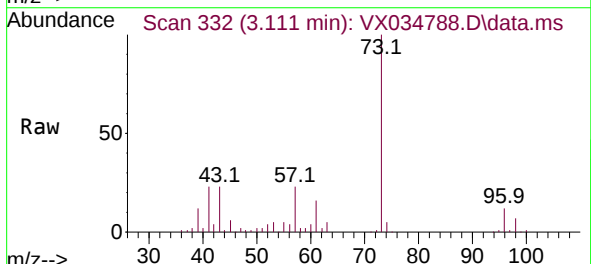
Manual Integrations
APPROVED

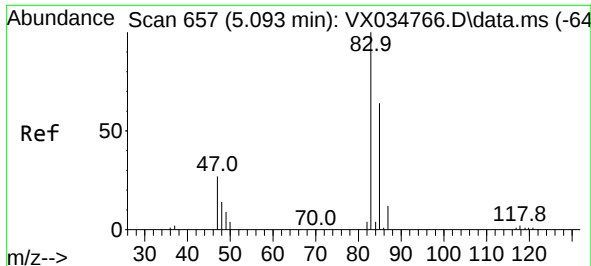
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#24
Methyl tert-Butyl Ether
Concen: 19.851 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

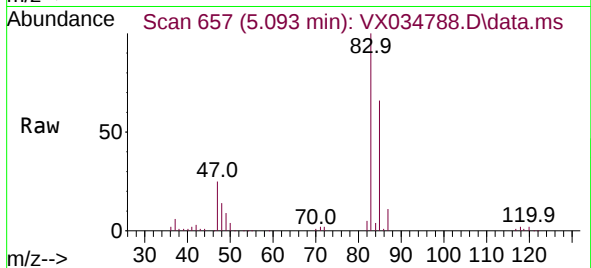
Tgt Ion: 73 Resp: 199398
Ion Ratio Lower Upper
73 100
43 23.2 17.9 26.9





#25
Chloroform
Concen: 19.529 ug/l
RT: 5.093 min Scan# 611
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

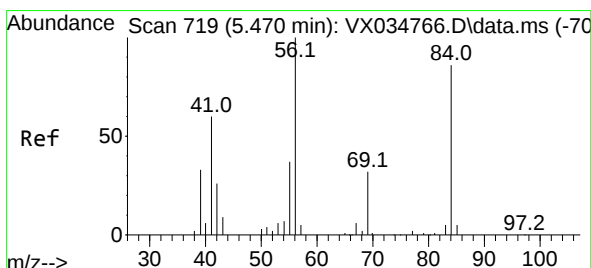
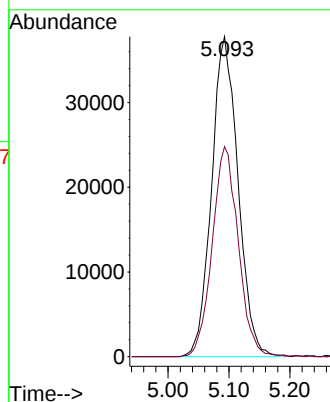
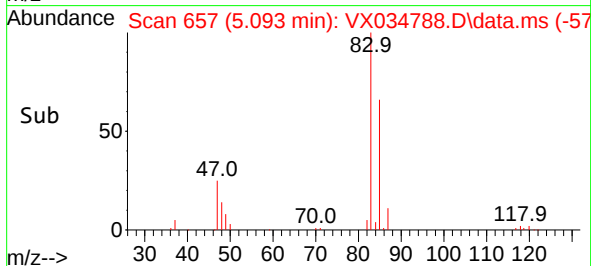
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 11381
Ion Ratio Lower Upper
83 100
85 65.7 51.2 76.8

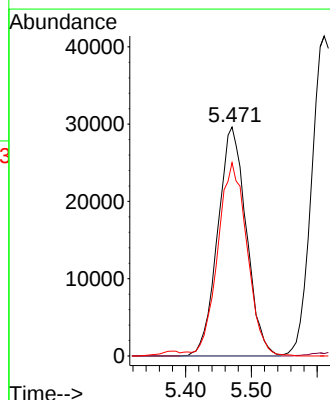
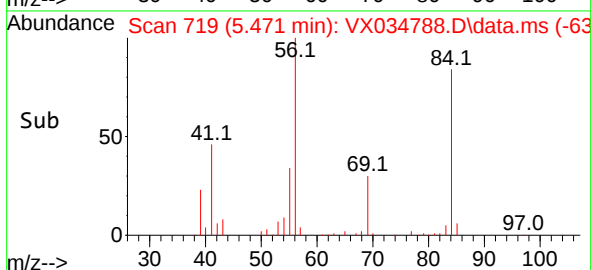
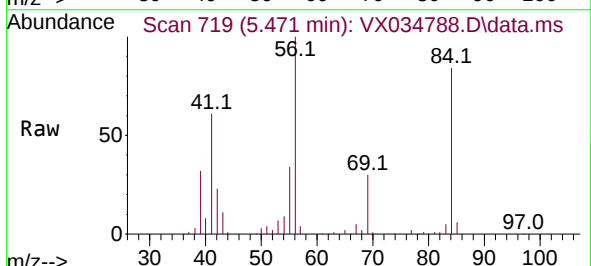
Manual Integrations
APPROVED

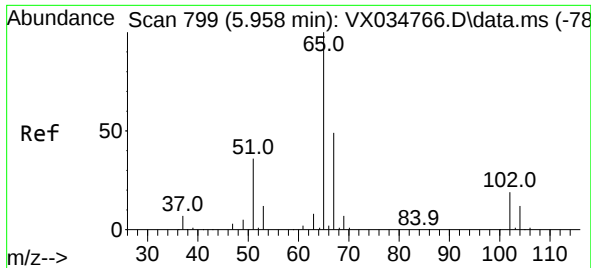
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#26
Cyclohexane
Concen: 17.798 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

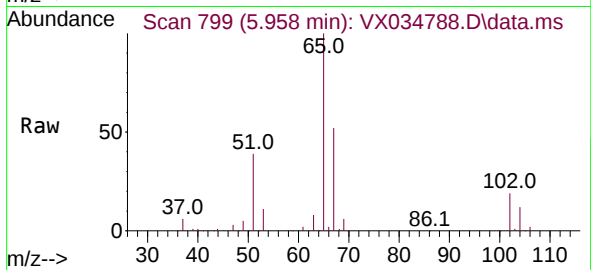
Tgt Ion: 56 Resp: 89369
Ion Ratio Lower Upper
56 100
89 0.7 0.0 0.0#
84 86.8 67.4 101.2





#27
1,2-Dichloroethane-d4
Concen: 30.317 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

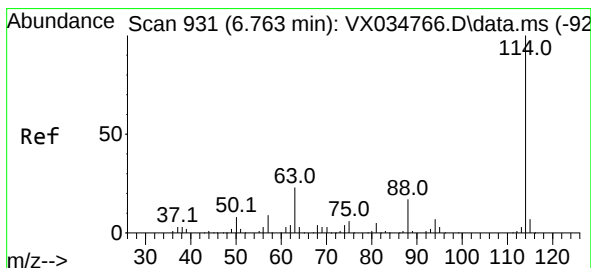
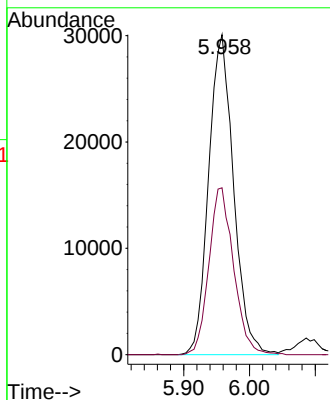
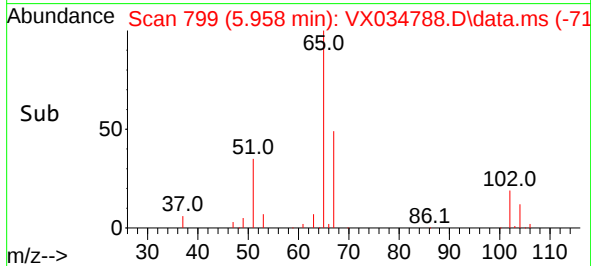
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



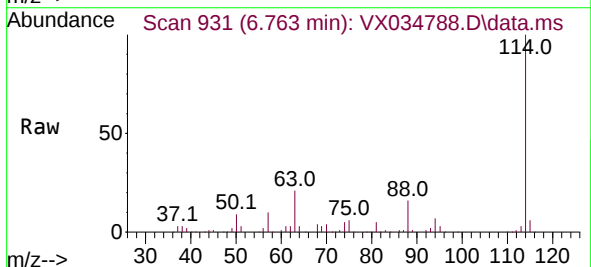
Tgt Ion: 65 Resp: 7932
Ion Ratio Lower Upper
65 100
67 51.8 40.9 61.3

Manual Integrations
APPROVED

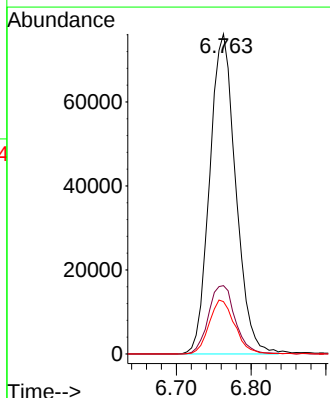
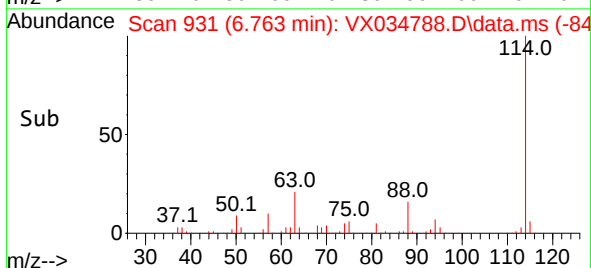
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

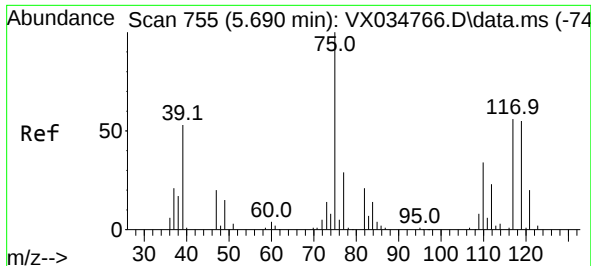


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12



Tgt Ion:114 Resp: 184516
Ion Ratio Lower Upper
114 100
63 22.0 18.0 27.0
88 16.5 13.3 19.9





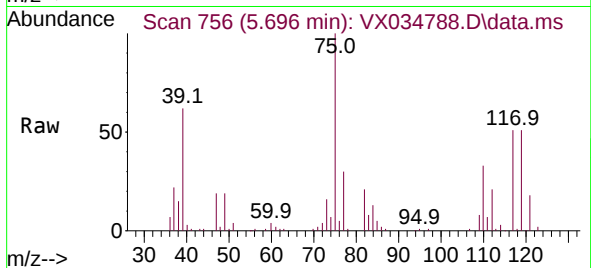
#29
1,1-Dichloropropene
Concen: 18.716 ug/l
RT: 5.696 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



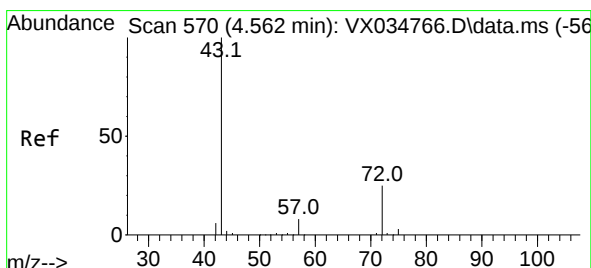
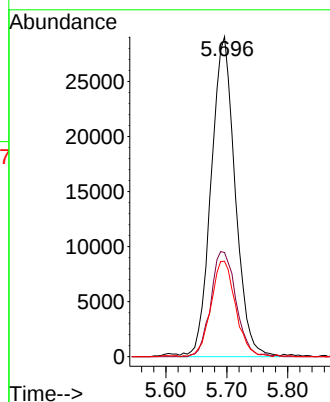
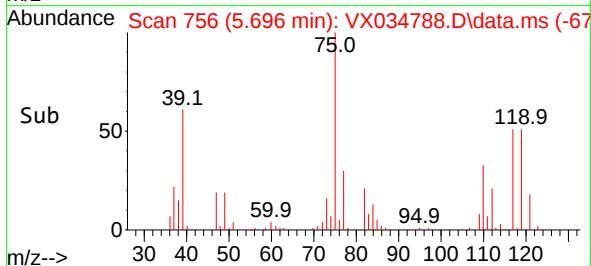
Tgt Ion: 75 Resp: 79428
Ion Ratio Lower Upper
75 100
110 34.2 0.0 71.4
77 30.7 0.0 61.6

Manual Integrations

APPROVED

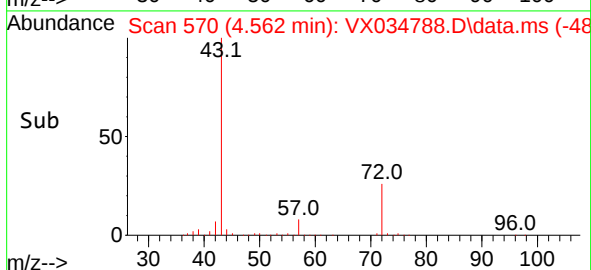
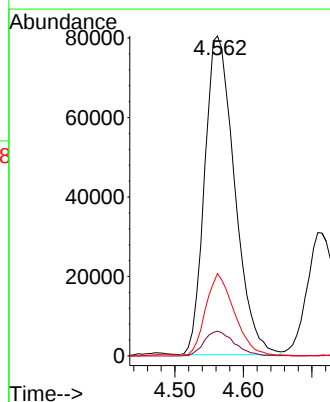
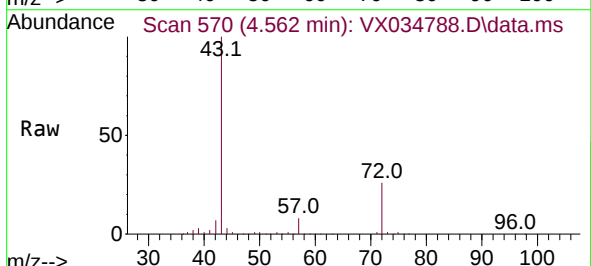
Reviewed By :Krupa Patel 03/29/2023

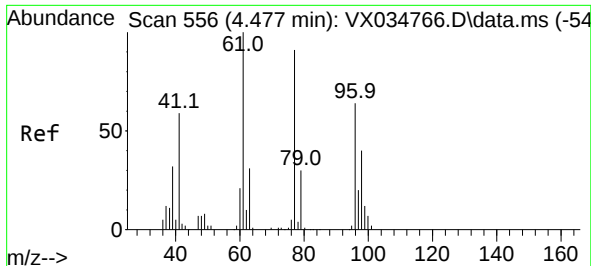
Supervised By :Semsettin Yesilyurt 03/29/2023



#30
2-Butanone
Concen: 102.993 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

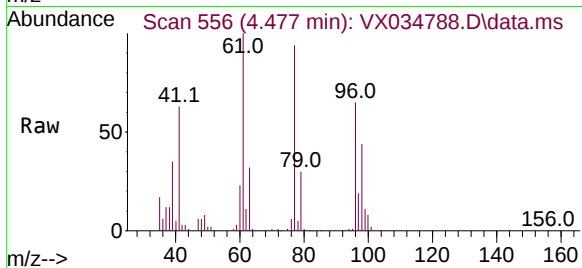
Tgt Ion: 43 Resp: 243757
Ion Ratio Lower Upper
43 100
57 7.8 6.3 9.5
72 24.8 19.6 29.4





#31
2,2-Dichloropropane
Concen: 18.962 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

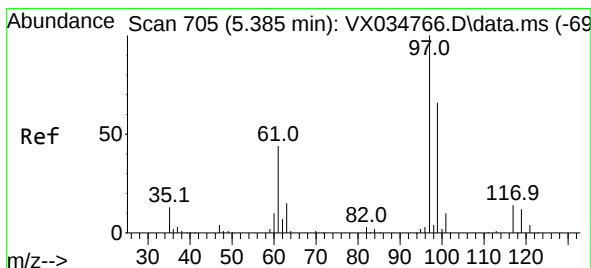
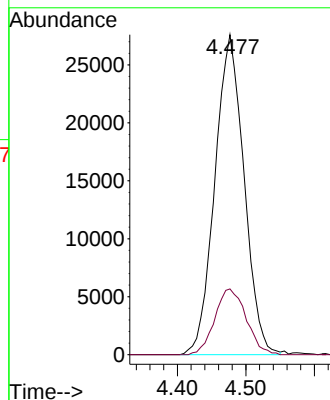
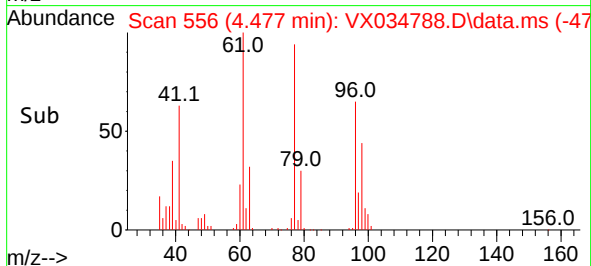
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



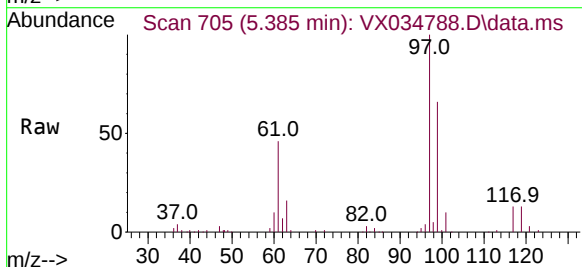
Tgt Ion: 77 Resp: 8160
Ion Ratio Lower Upper
77 100
97 22.1 18.2 27.4

Manual Integrations
APPROVED

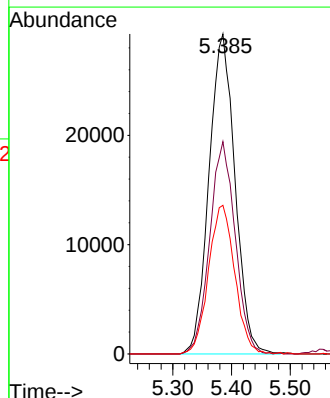
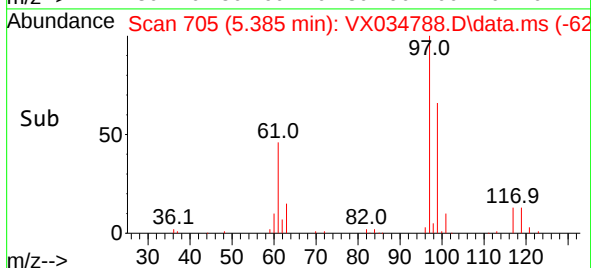
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

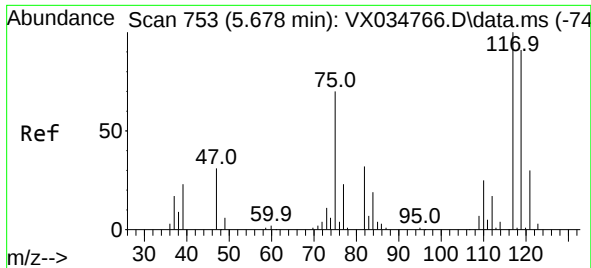


#32
1,1,1-Trichloroethane
Concen: 18.075 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12



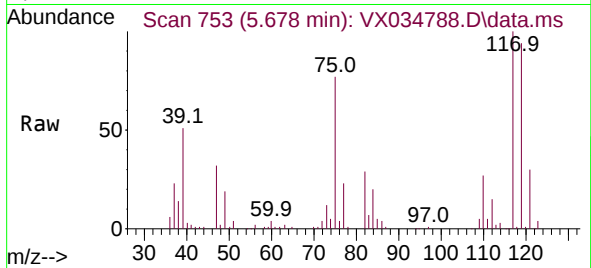
Tgt Ion: 97 Resp: 89986
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 46.9 36.6 55.0





#33
Carbon Tetrachloride
Concen: 17.731 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

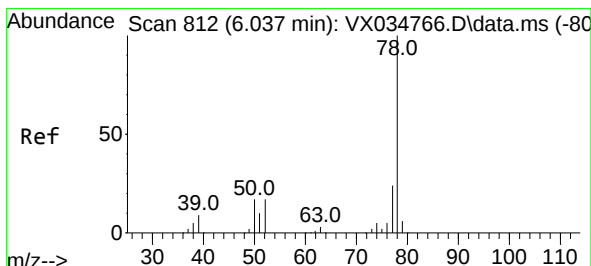
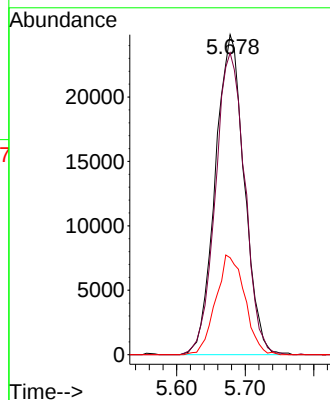
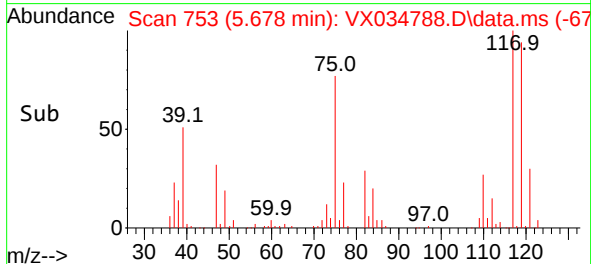
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 72858
Ion Ratio Lower Upper
117 100
119 94.3 73.3 109.9
121 30.3 24.0 36.0

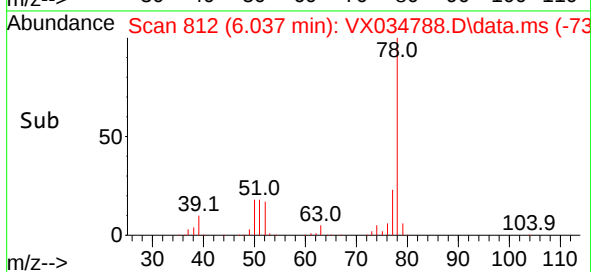
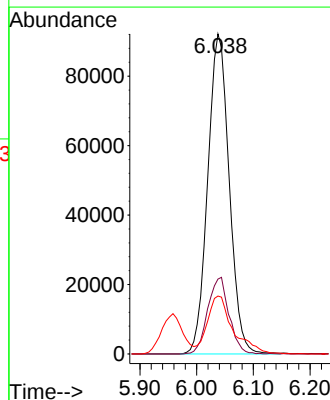
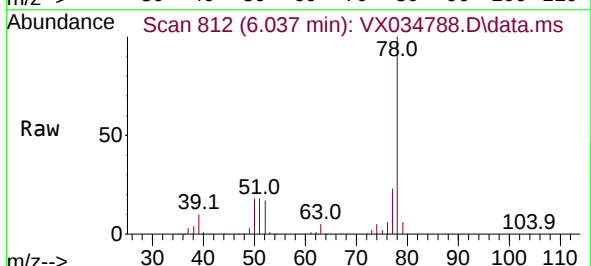
Manual Integrations
APPROVED

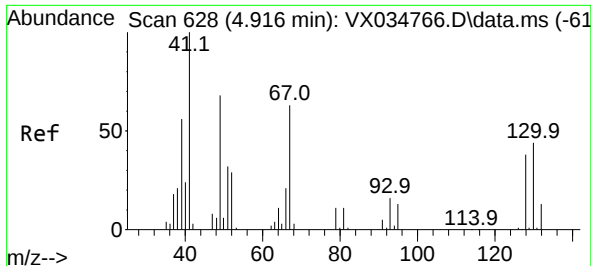
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#34
Benzene
Concen: 19.646 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Tgt Ion: 78 Resp: 242294
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4
51 17.9 14.6 21.8





#35
Methacrylonitrile
Concen: 19.948 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

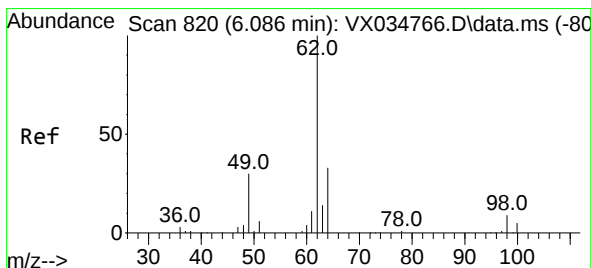
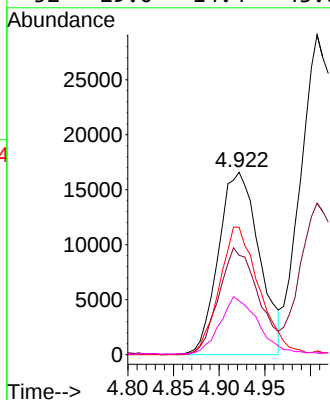
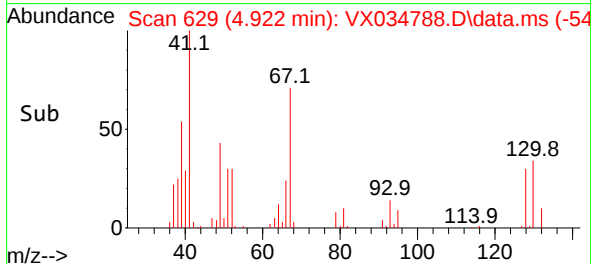
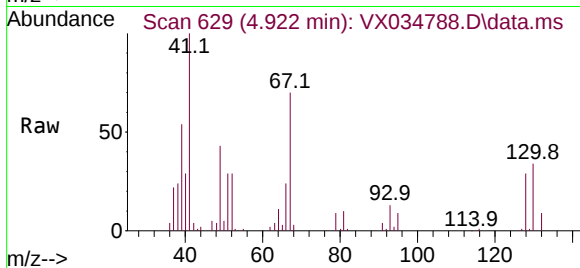
VSTDCCC020EC

Tgt Ion: 41 Resp: 5167
Ion Ratio Lower Upper
41 100
39 53.9 28.0 84.0
67 69.7 31.6 94.7
52 29.0 14.4 43.0

Manual Integrations

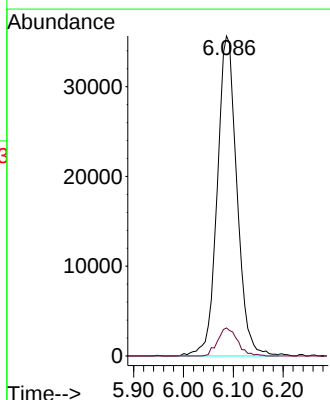
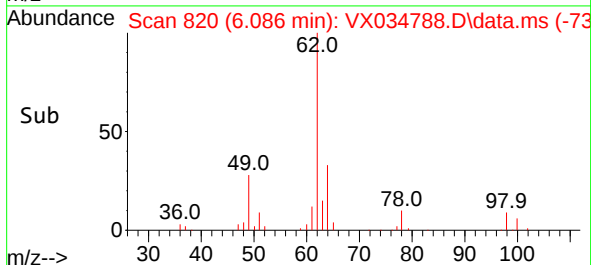
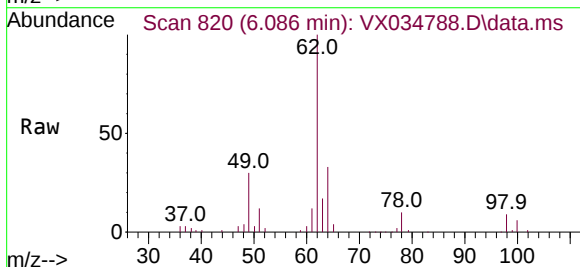
APPROVED

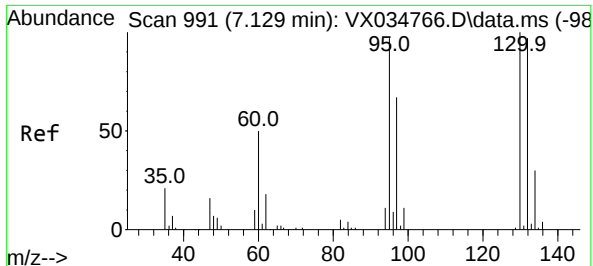
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#36
1,2-Dichloroethane
Concen: 20.222 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

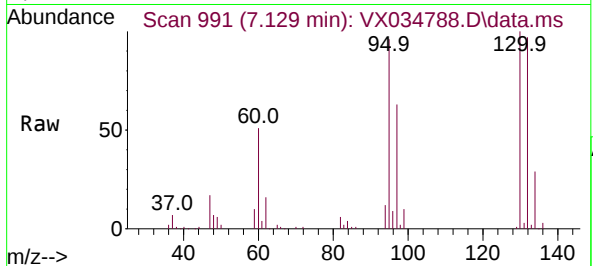
Tgt Ion: 62 Resp: 97784
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.6





#37
Trichloroethene
Concen: 18.878 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

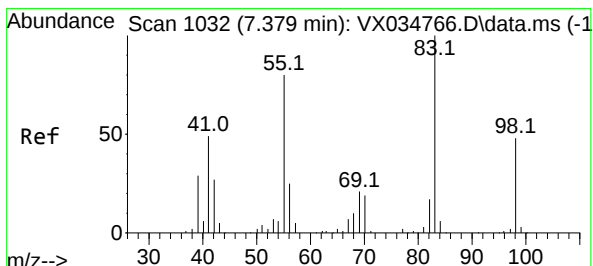
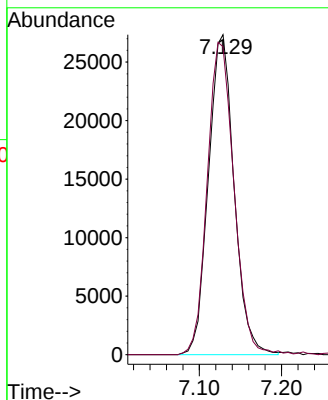
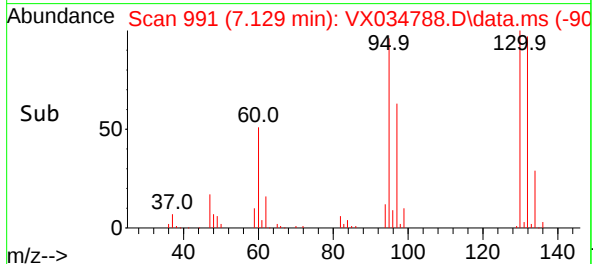
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



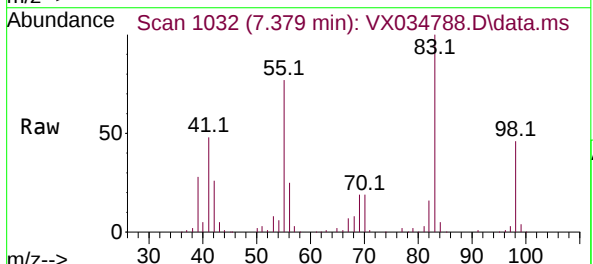
Tgt Ion:130 Resp: 5925
Ion Ratio Lower Upper
130 100
95 96.3 77.8 116.6

Manual Integrations
APPROVED

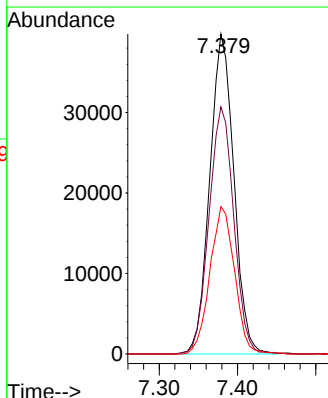
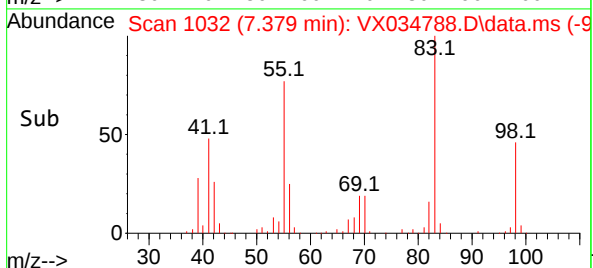
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

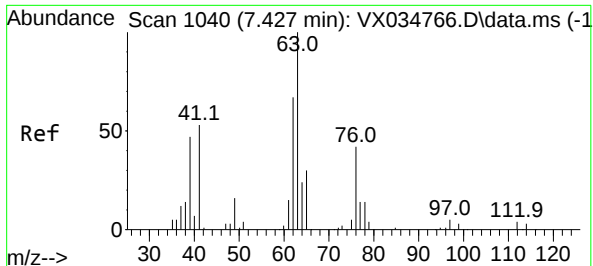


#38
Methylcyclohexane
Concen: 18.377 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12



Tgt Ion: 83 Resp: 85207
Ion Ratio Lower Upper
83 100
55 79.3 38.8 116.4
98 47.1 23.8 71.2





#39

1,2-Dichloropropane

Concen: 19.818 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034788.D

Acq: 28 Mar 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 63530

Ion Ratio Lower Upper

63 100

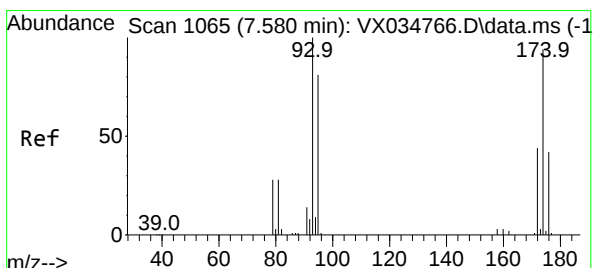
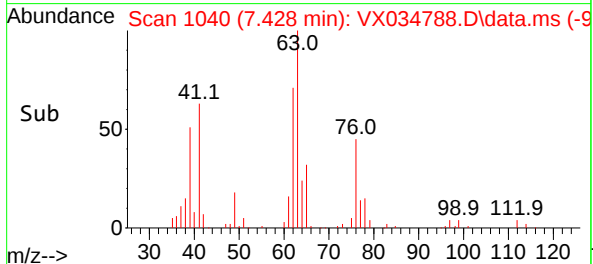
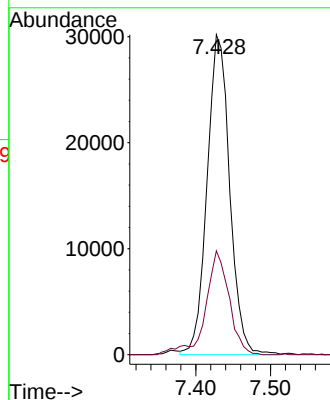
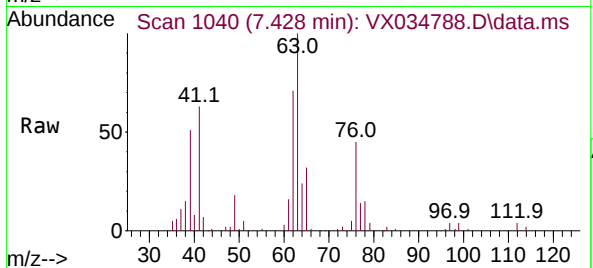
65 32.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#40

Dibromomethane

Concen: 19.962 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034788.D

Acq: 28 Mar 2023 13:12

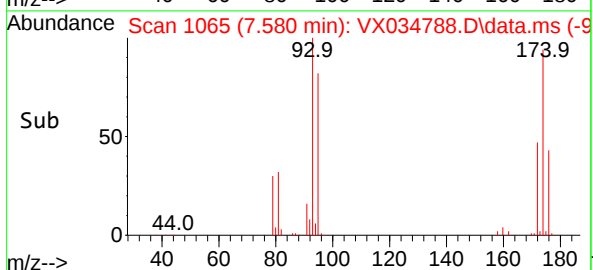
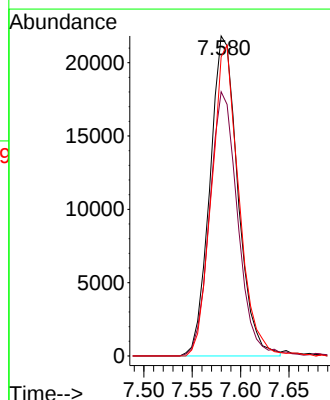
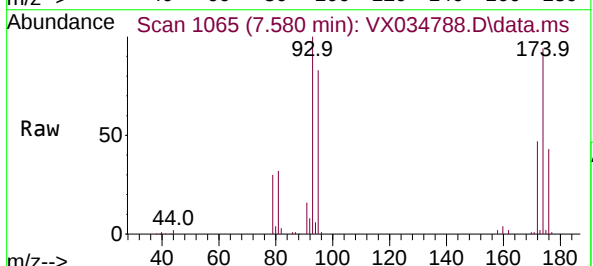
Tgt Ion: 93 Resp: 43959

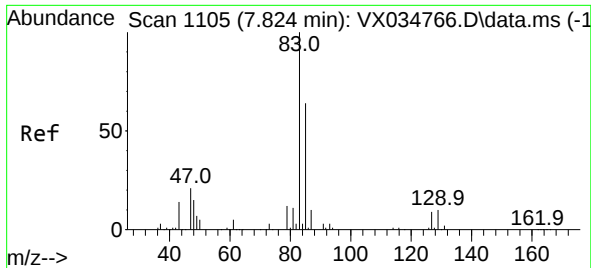
Ion Ratio Lower Upper

93 100

95 82.7 0.0 165.8

174 94.1 0.0 188.8





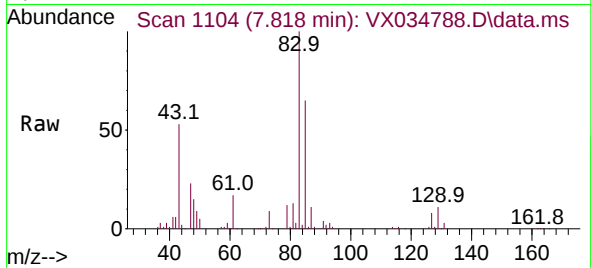
#41
Bromodichloromethane
Concen: 18.973 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



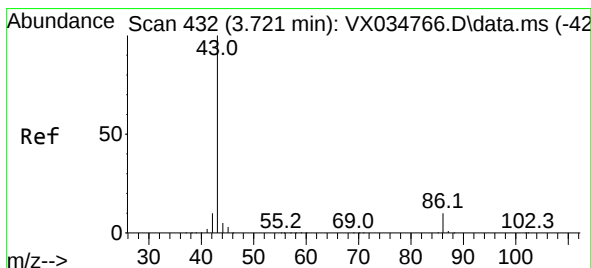
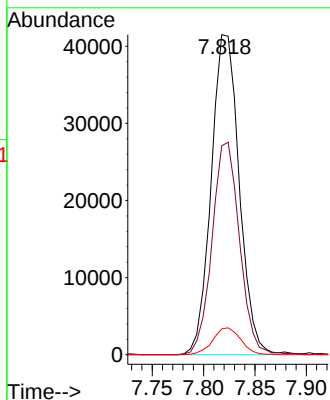
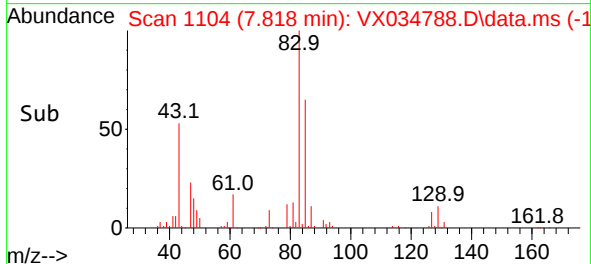
Tgt Ion: 83 Resp: 7869
Ion Ratio Lower Upper
83 100
85 65.2 51.1 76.7
127 8.1 8.2 12.4

Manual Integrations

APPROVED

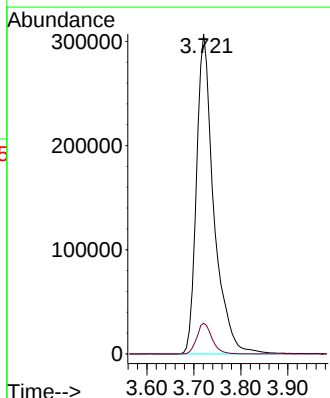
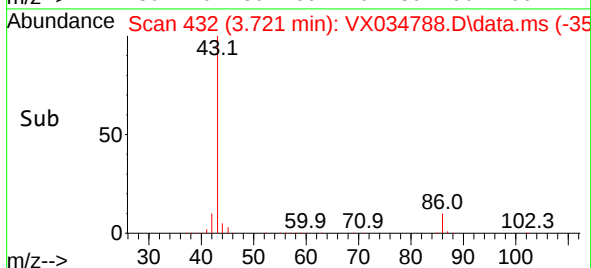
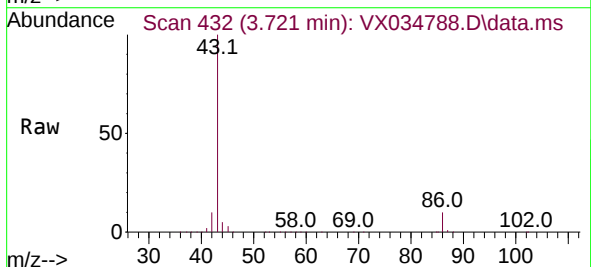
Reviewed By :Krupa Patel 03/29/2023

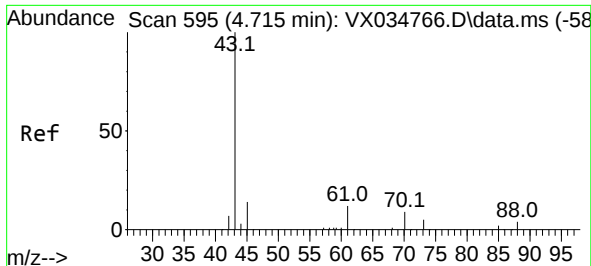
Supervised By :Semsettin Yesilyurt 03/29/2023



#42
Vinyl Acetate
Concen: 101.977 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

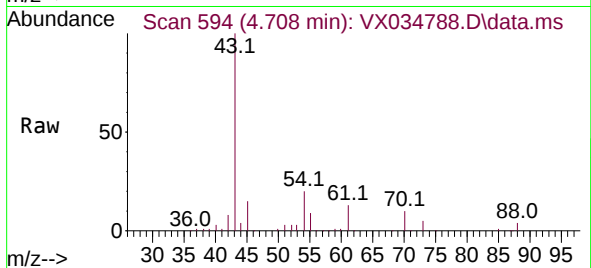
Tgt Ion: 43 Resp: 787378
Ion Ratio Lower Upper
43 100
86 8.4 6.9 10.3





#43
Ethyl Acetate
Concen: 20.101 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

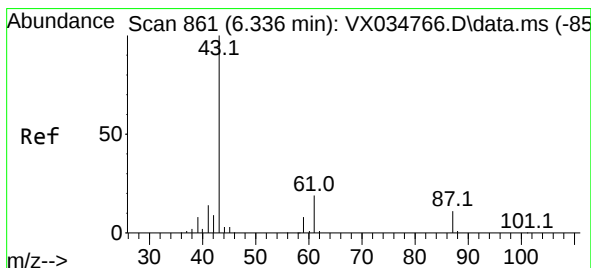
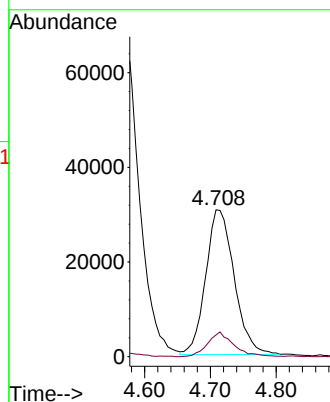
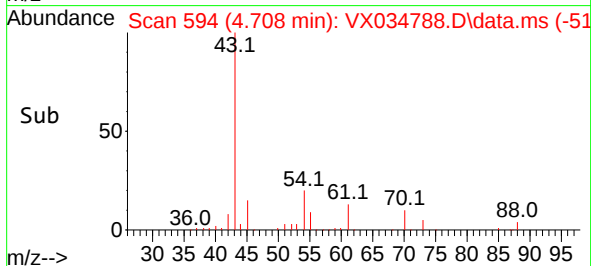
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 92268
Ion Ratio Lower Upper
43 100
45 14.8 12.0 18.0

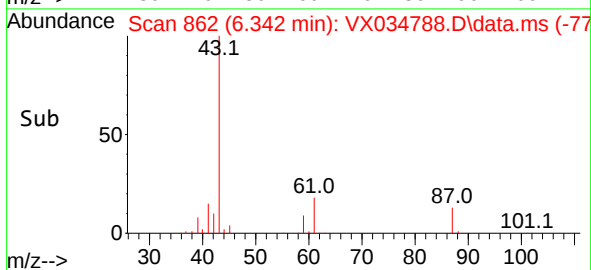
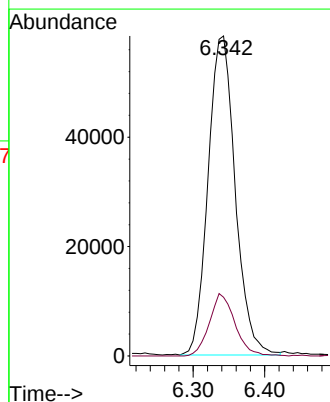
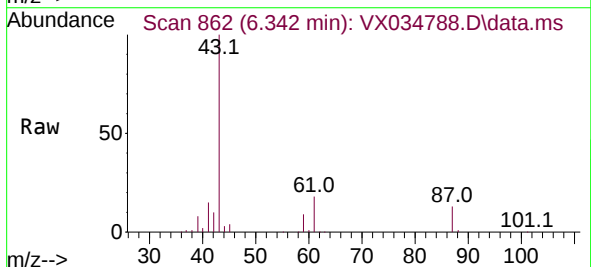
Manual Integrations
APPROVED

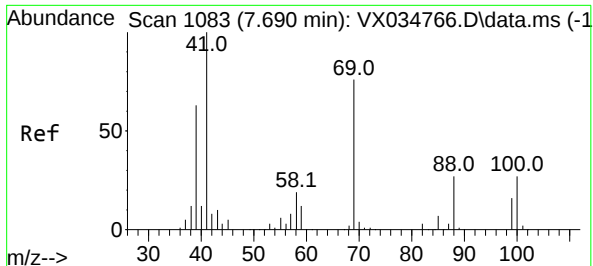
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#44
Isopropyl Acetate
Concen: 19.798 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Tgt Ion: 43 Resp: 153834
Ion Ratio Lower Upper
43 100
61 18.4 15.4 23.0





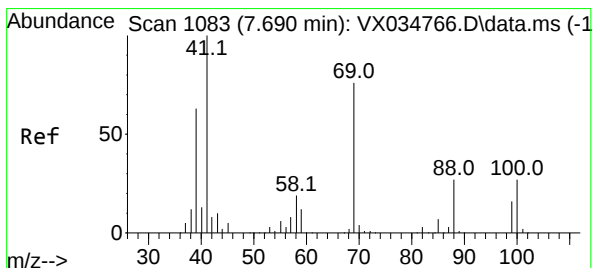
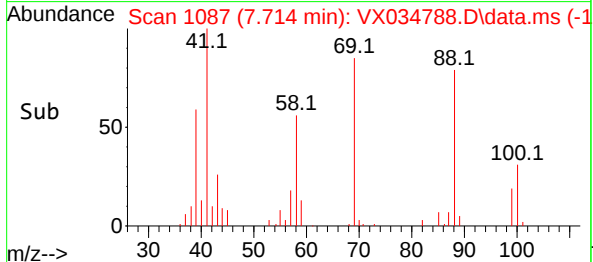
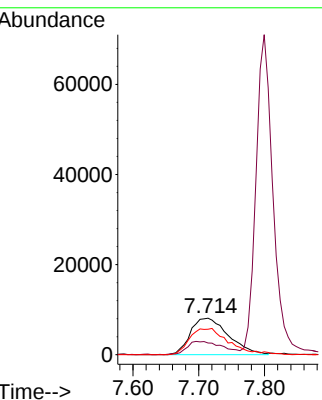
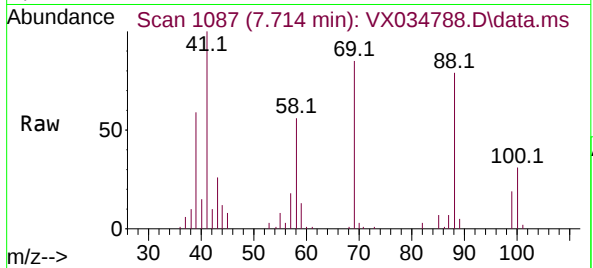
#45
1,4-Dioxane
Concen: 424.822 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.024 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 32704
Ion Ratio Lower Upper
88 100
43 34.5 26.5 39.7
58 30.4 55.6 83.4

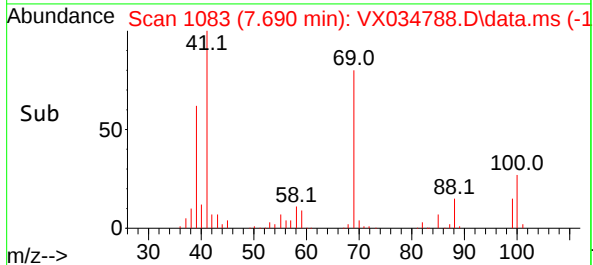
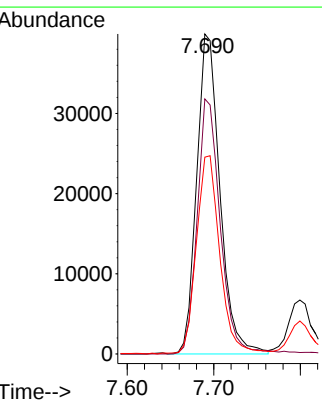
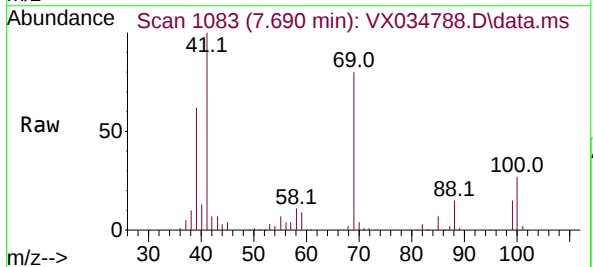
Manual Integrations
APPROVED

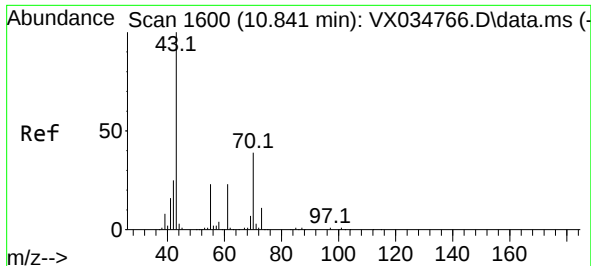
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#46
Methyl methacrylate
Concen: 19.675 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

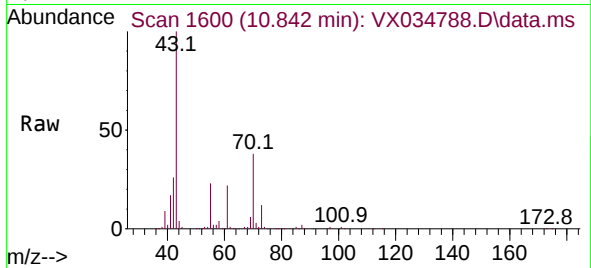
Tgt Ion: 41 Resp: 74491
Ion Ratio Lower Upper
41 100
69 79.7 38.1 114.5
39 61.3 31.4 94.3





#47
n-amyl acetate
Concen: 19.100 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

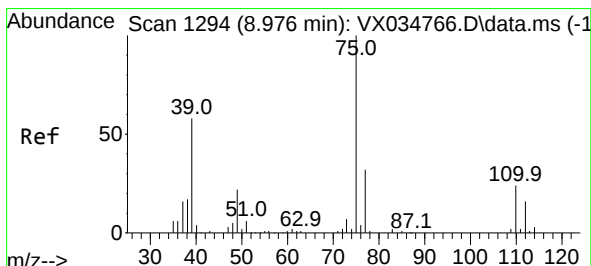
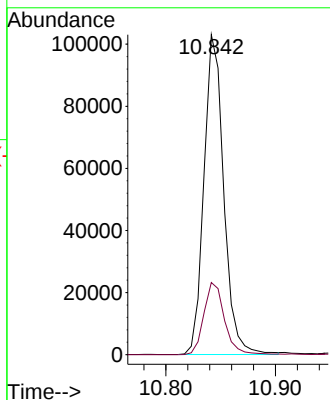
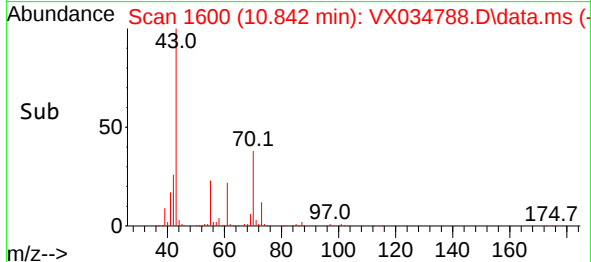
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 12903
Ion Ratio Lower Upper
43 100
55 23.6 18.6 28.0

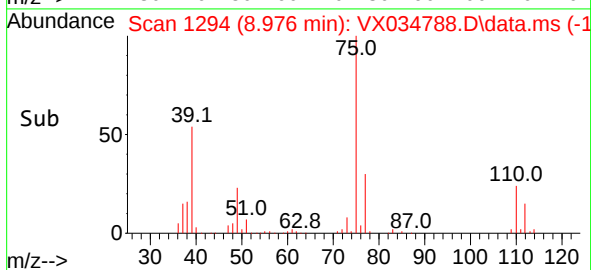
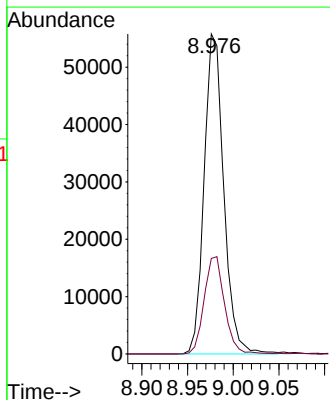
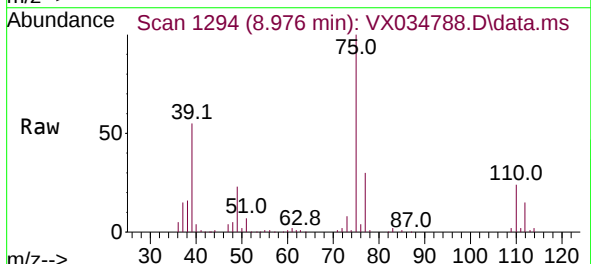
Manual Integrations
APPROVED

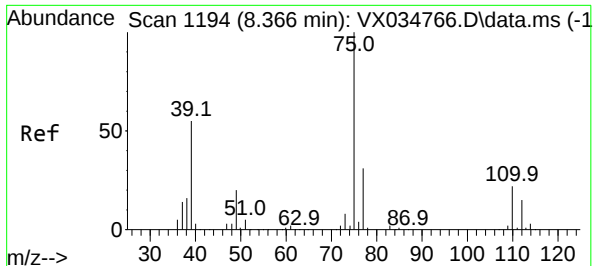
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#48
t-1,3-Dichloropropene
Concen: 18.392 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Tgt Ion: 75 Resp: 83121
Ion Ratio Lower Upper
75 100
77 29.9 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 18.837 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034788.D

Acq: 28 Mar 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 93528

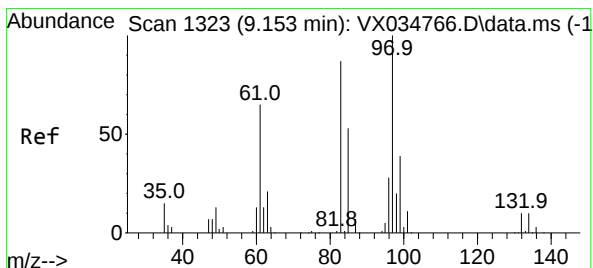
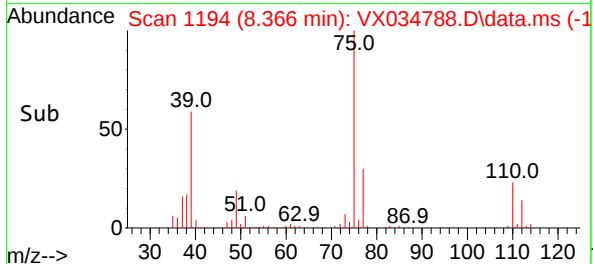
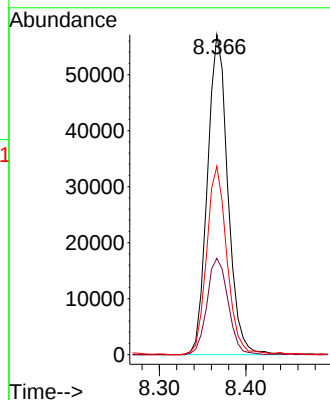
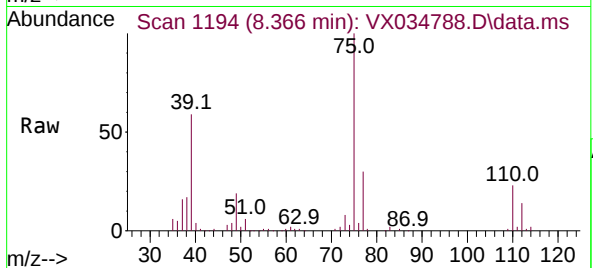
Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.6	37.0
39	58.9	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#50

1,1,2-Trichloroethane

Concen: 20.473 ug/l

RT: 9.153 min Scan# 1323

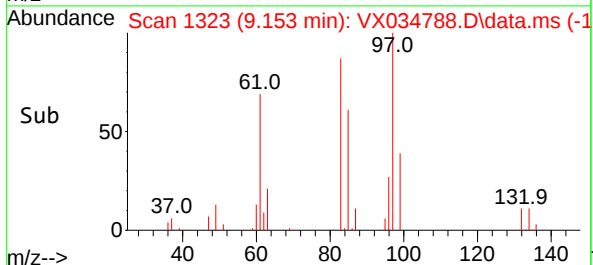
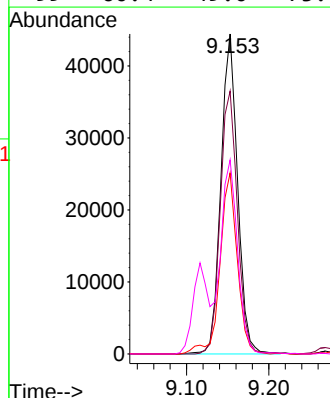
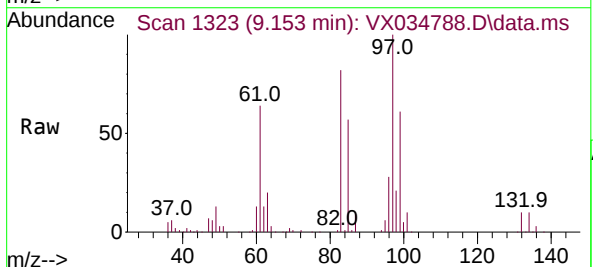
Delta R.T. 0.000 min

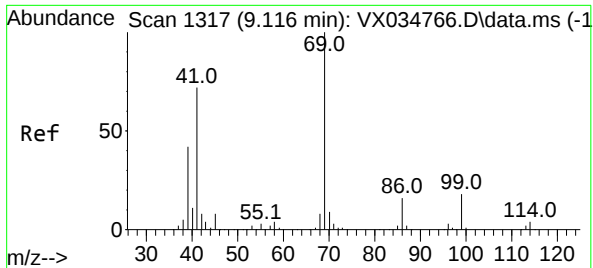
Lab File: VX034788.D

Acq: 28 Mar 2023 13:12

Tgt Ion: 97 Resp: 62809

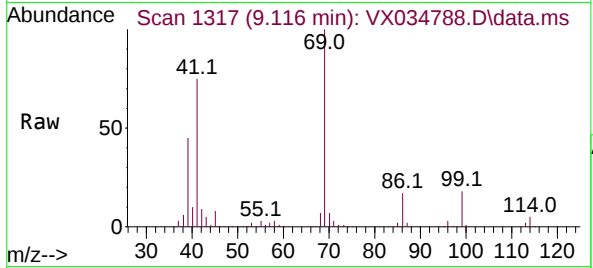
Ion	Ratio	Lower	Upper
97	100		
83	82.1	68.9	103.3
85	56.6	44.0	66.0
99	60.4	49.0	73.4





#51
Ethyl methacrylate
Concen: 19.415 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

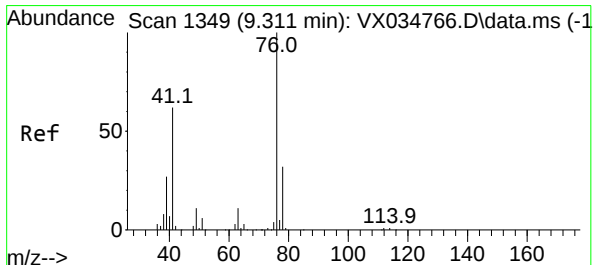
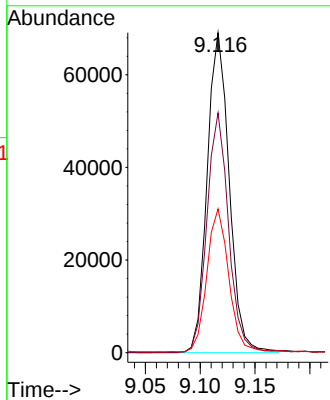
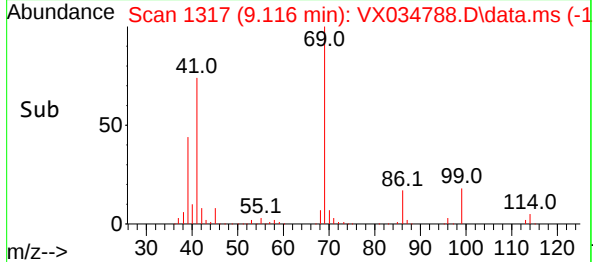
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



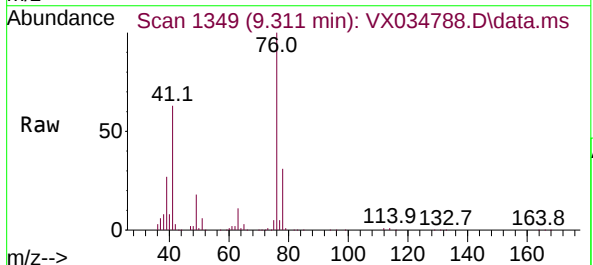
Tgt Ion: 69 Resp: 96679
Ion Ratio Lower Upper
69 100
41 74.9 36.2 108.6
39 44.7 21.2 63.6

Manual Integrations
APPROVED

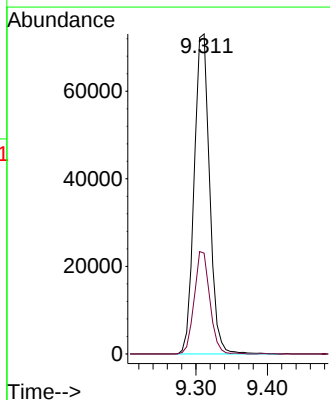
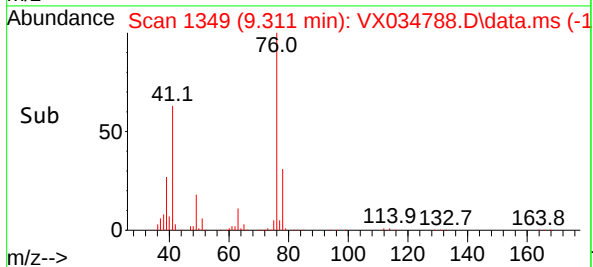
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

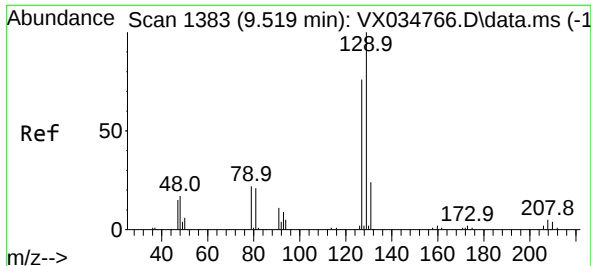


#52
1,3-Dichloropropane
Concen: 20.194 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12



Tgt Ion: 76 Resp: 109441
Ion Ratio Lower Upper
76 100
78 32.2 0.0 63.8





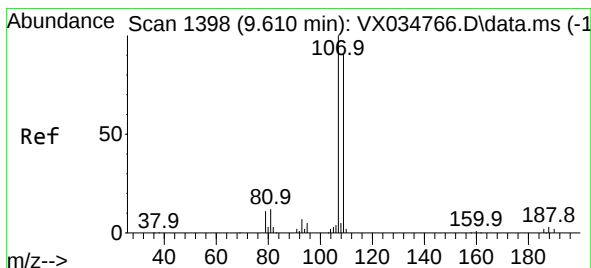
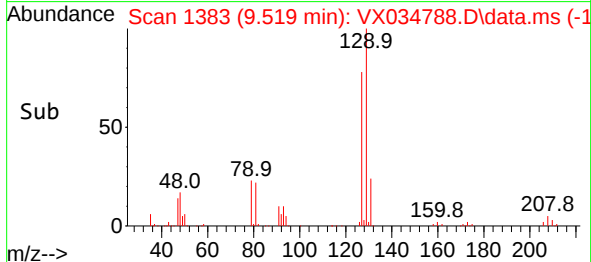
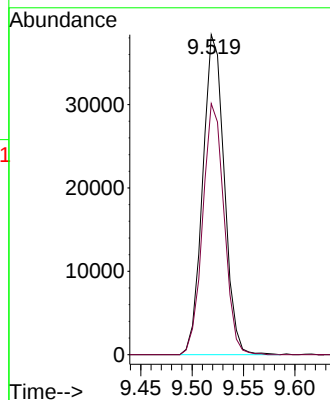
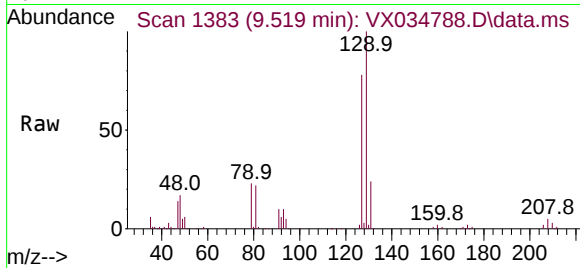
#53
Dibromochloromethane
Concen: 18.457 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 5601
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.5

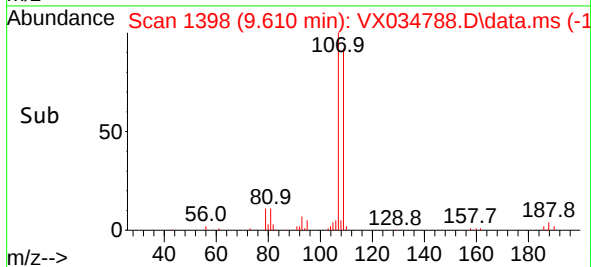
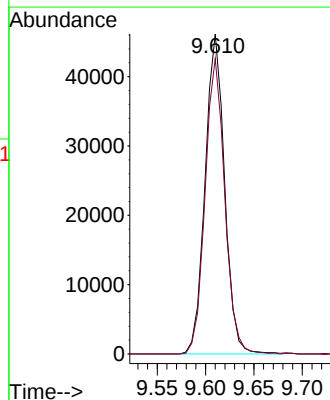
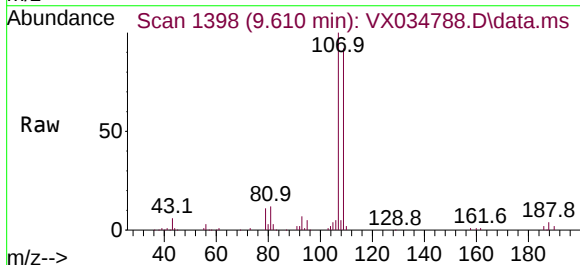
Manual Integrations
APPROVED

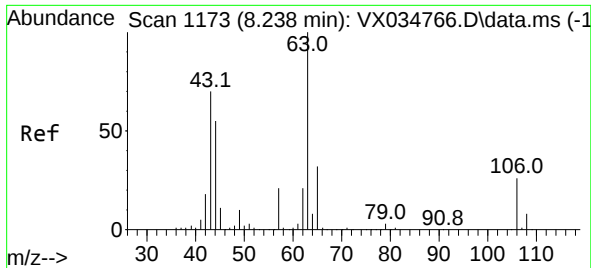
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#54
1,2-Dibromoethane
Concen: 19.788 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Tgt Ion:107 Resp: 64938
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 106.698 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034788.D

Acq: 28 Mar 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 27958

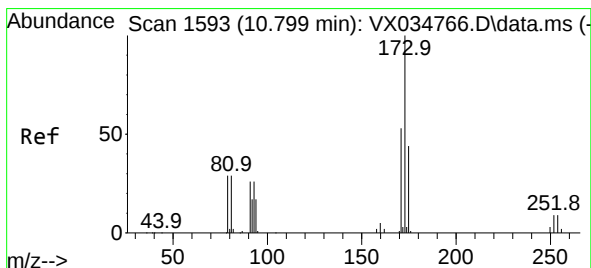
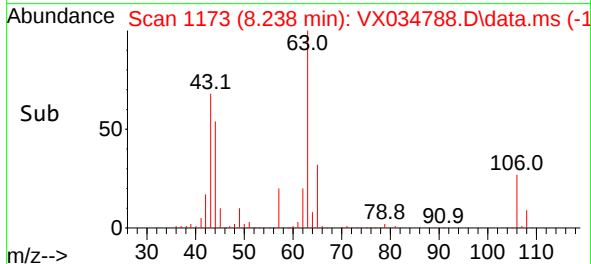
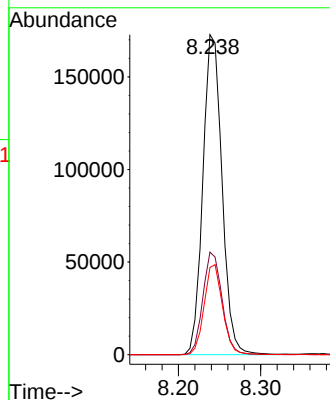
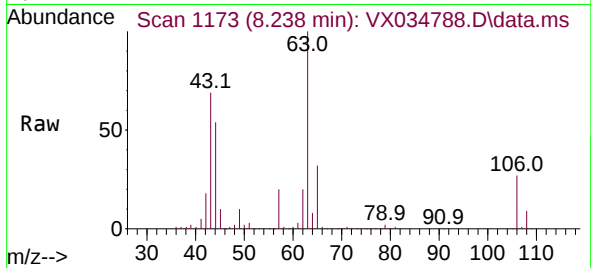
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.4	38.2
106	27.2	21.6	32.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#56

Bromoform

Concen: 17.069 ug/l

RT: 10.799 min Scan# 1593

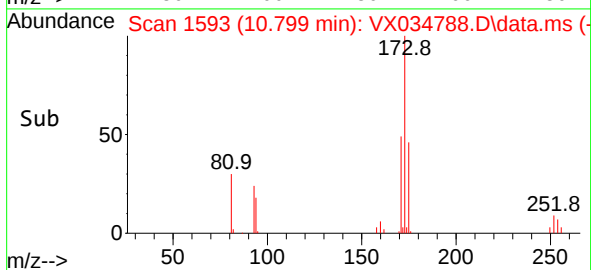
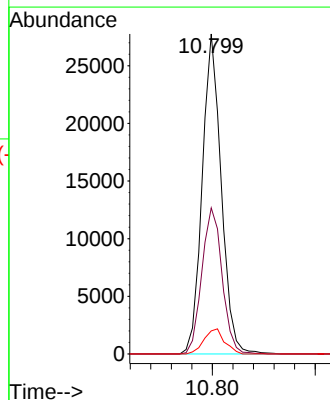
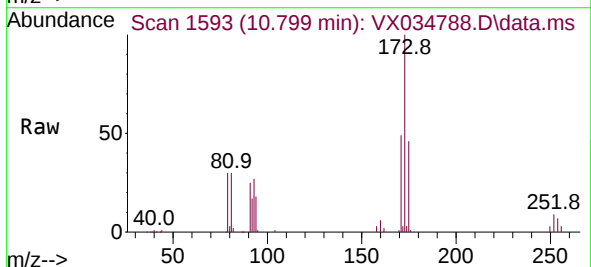
Delta R.T. 0.000 min

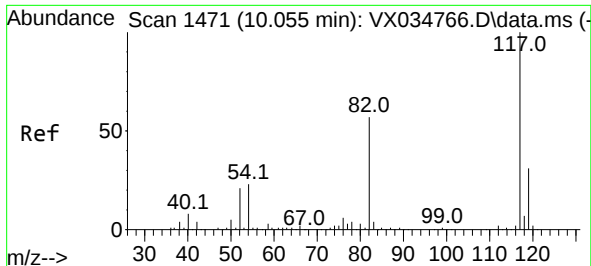
Lab File: VX034788.D

Acq: 28 Mar 2023 13:12

Tgt Ion:173 Resp: 35720

Ion	Ratio	Lower	Upper
173	100		
175	48.6	37.0	55.4
254	8.4	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: VX034788.D

Acq: 28 Mar 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 199784

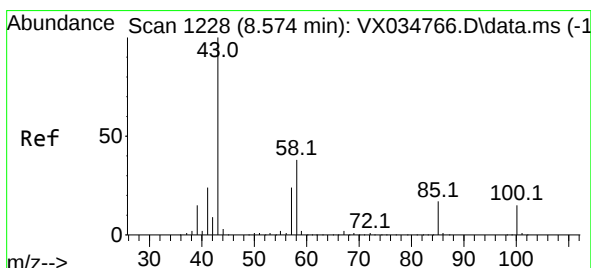
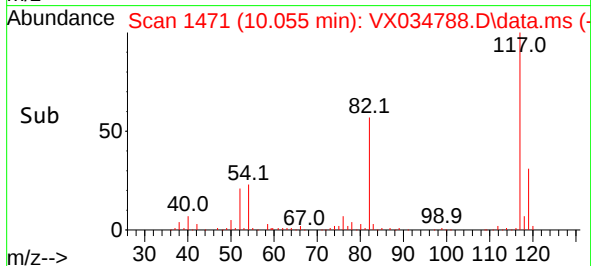
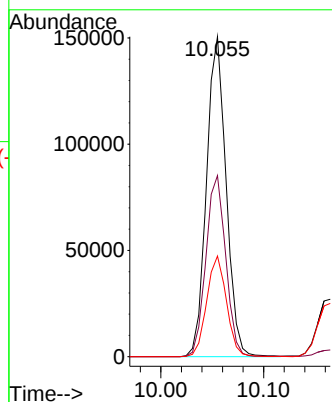
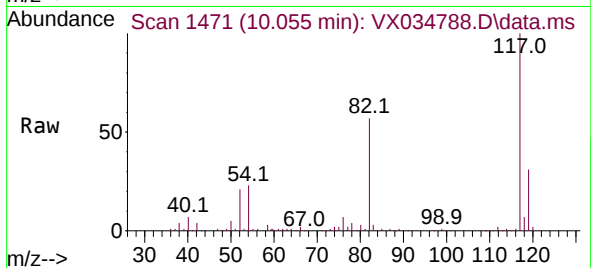
Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.8	68.8
119	31.7	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#58

4-Methyl-2-Pentanone

Concen: 105.962 ug/l

RT: 8.574 min Scan# 1228

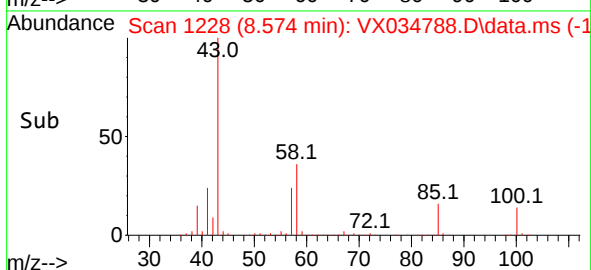
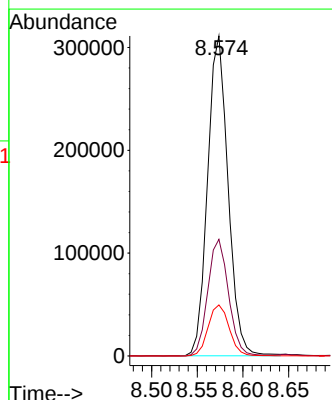
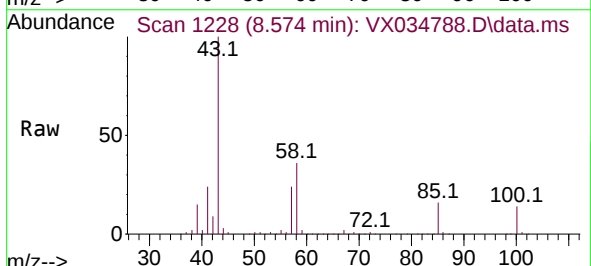
Delta R.T. 0.000 min

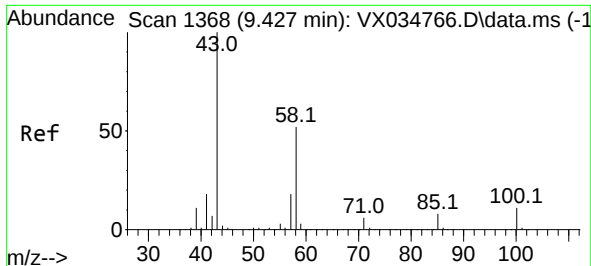
Lab File: VX034788.D

Acq: 28 Mar 2023 13:12

Tgt Ion: 43 Resp: 485369

Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.9	44.9
85	16.5	13.2	19.8





#59

2-Hexanone

Concen: 105.625 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034788.D

Acq: 28 Mar 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 364280

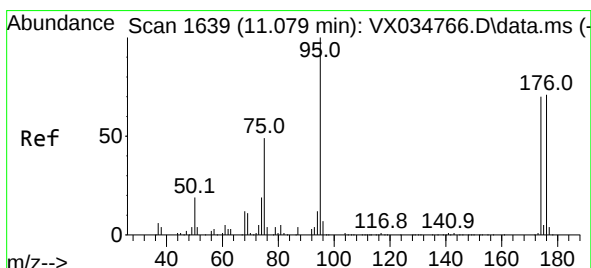
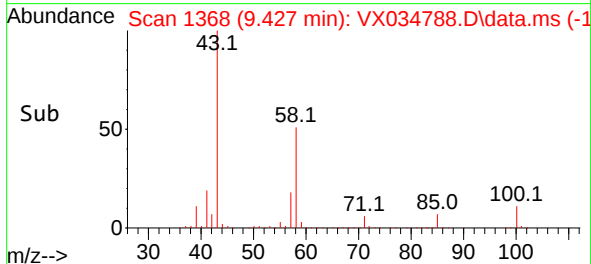
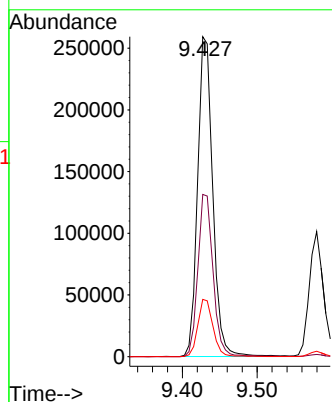
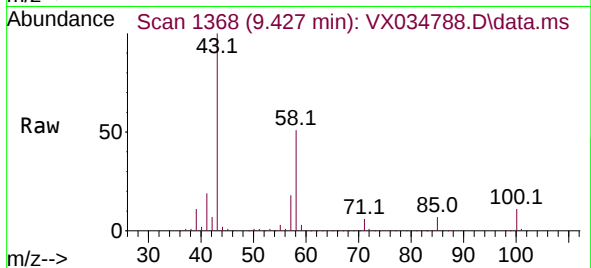
Ion	Ratio	Lower	Upper
43	100		
58	51.0	41.7	62.5
57	18.1	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#60

4-Bromofluorobenzene

Concen: 28.487 ug/l

RT: 11.079 min Scan# 1639

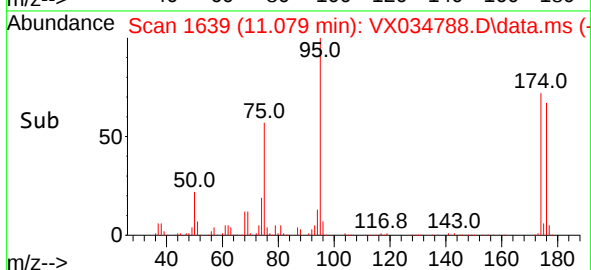
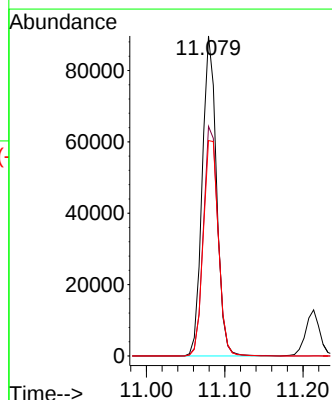
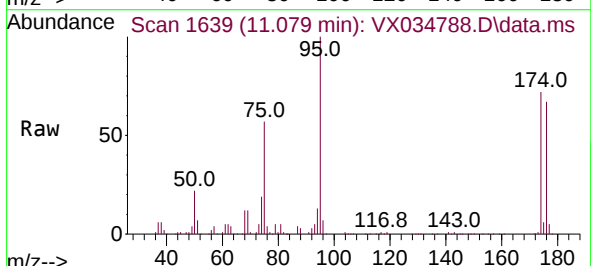
Delta R.T. 0.000 min

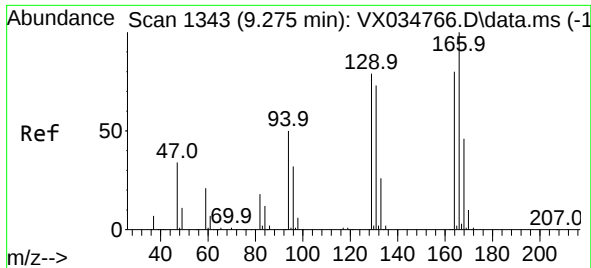
Lab File: VX034788.D

Acq: 28 Mar 2023 13:12

Tgt Ion: 95 Resp: 113719

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.2	0.4#
176	71.3	0.2	0.2#





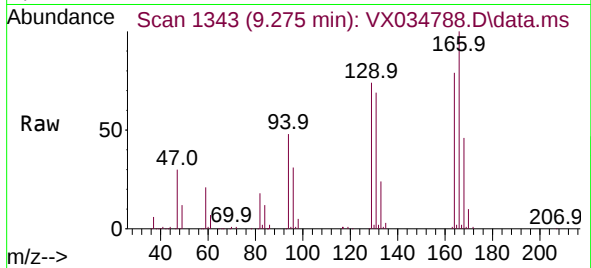
#61
Tetrachloroethene
Concen: 19.024 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



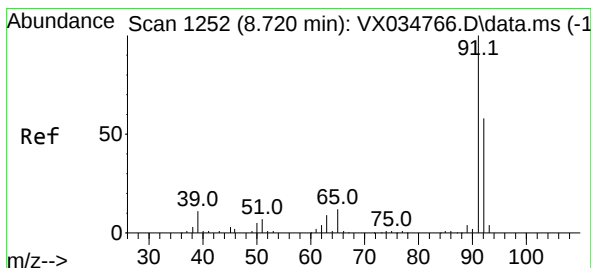
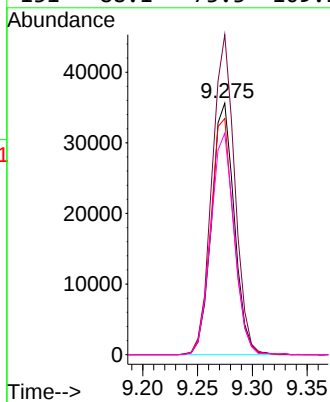
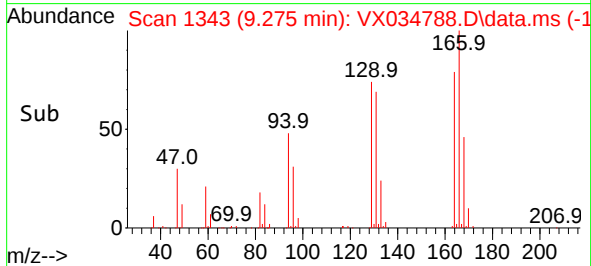
Tgt Ion:164 Resp: 5121
Ion Ratio Lower Upper
164 100
166 127.3 100.1 150.1
129 93.9 79.1 118.7
131 88.1 73.3 109.9

Manual Integrations

APPROVED

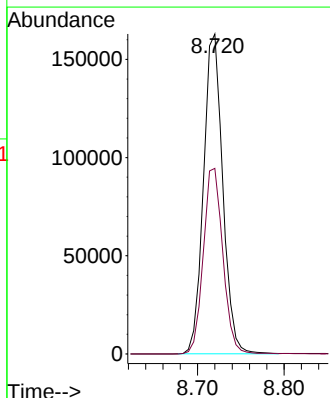
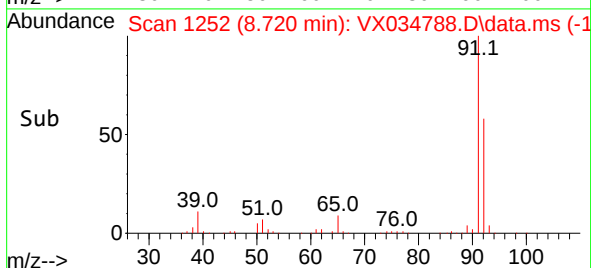
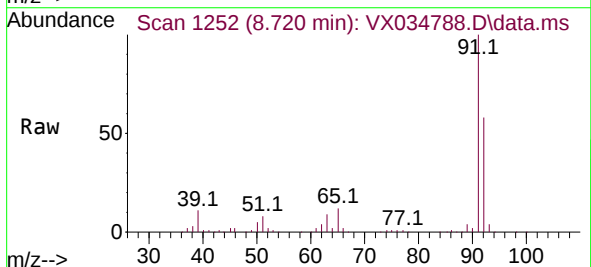
Reviewed By :Krupa Patel 03/29/2023

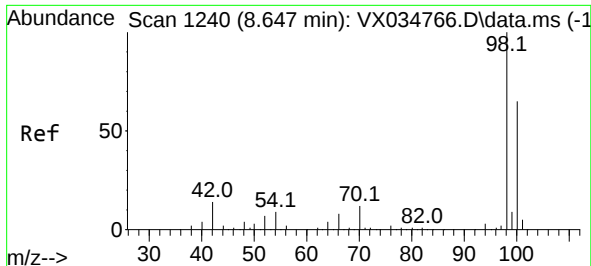
Supervised By :Semsettin Yesilyurt 03/29/2023



#62
Toluene
Concen: 19.246 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

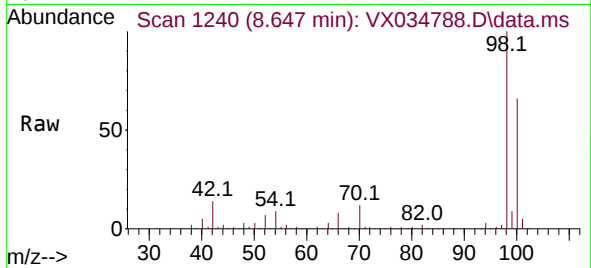
Tgt Ion: 91 Resp: 251418
Ion Ratio Lower Upper
91 100
92 58.8 46.5 69.7





#63
Toluene-d8
Concen: 29.980 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

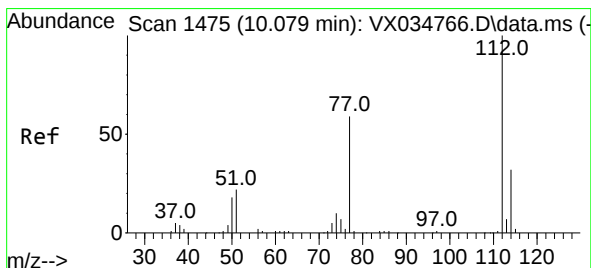
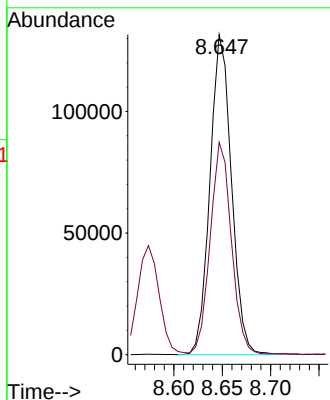
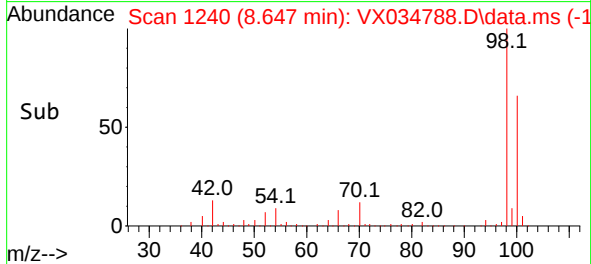
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



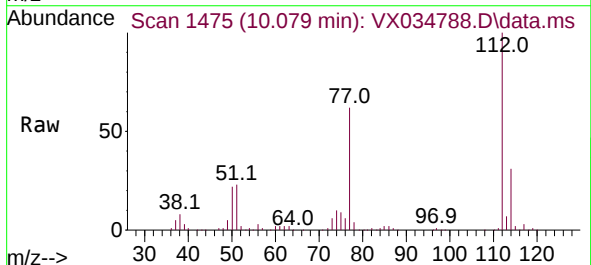
Tgt Ion: 98 Resp: 203549
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

Manual Integrations
APPROVED

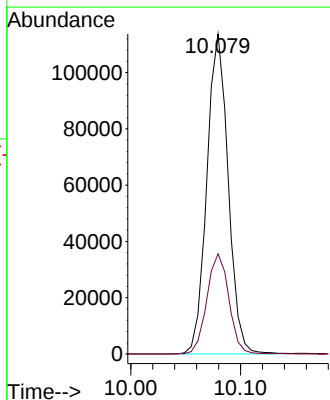
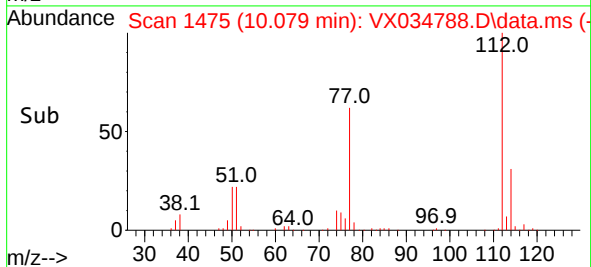
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

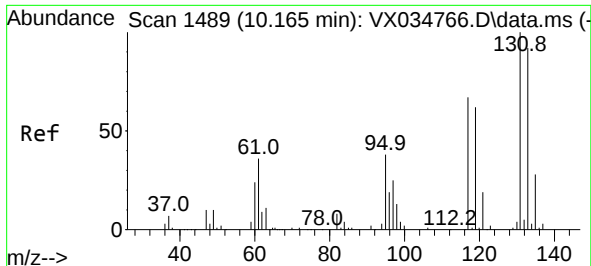


#64
Chlorobenzene
Concen: 19.068 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12



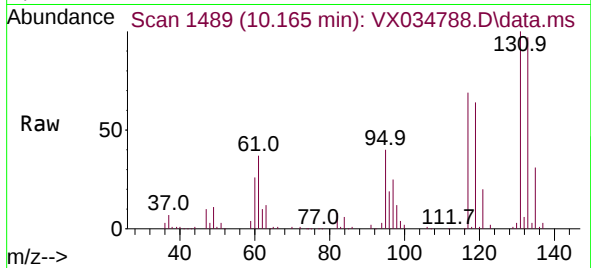
Tgt Ion:112 Resp: 153398
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 19.104 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

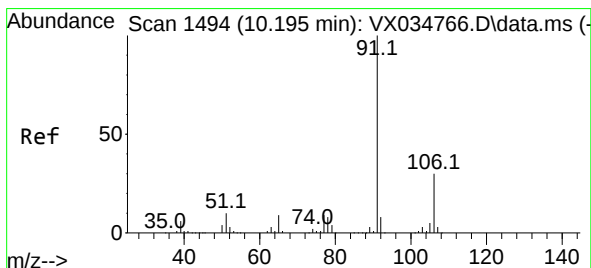
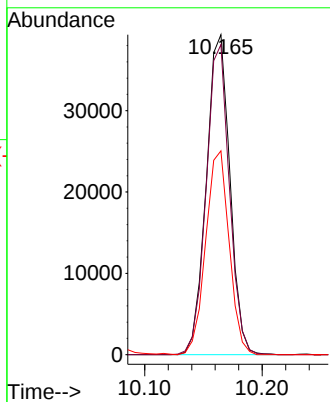
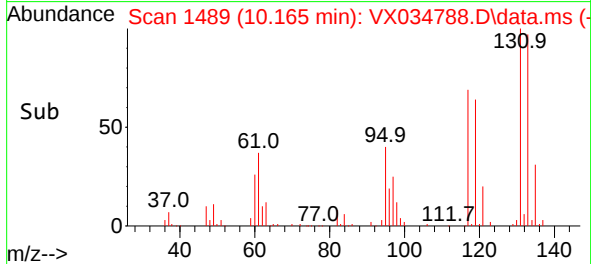
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 5494
Ion Ratio Lower Upper
131 100
133 95.4 0.0 186.6
119 63.3 0.0 128.6

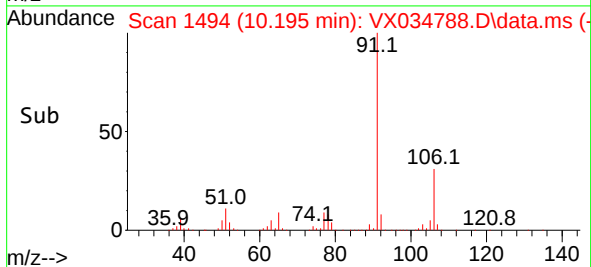
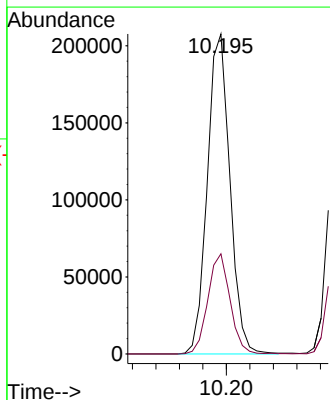
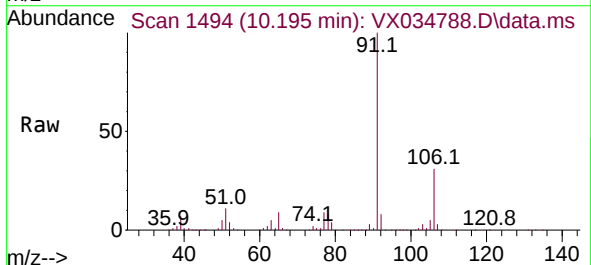
Manual Integrations
APPROVED

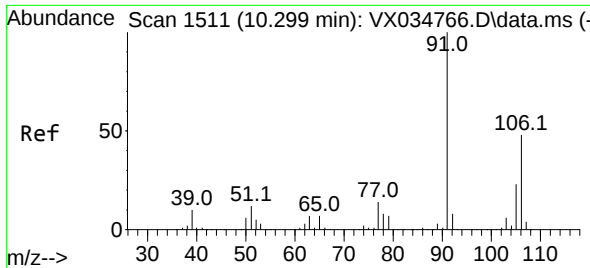
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#66
Ethyl Benzene
Concen: 19.088 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Tgt Ion: 91 Resp: 277736
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6





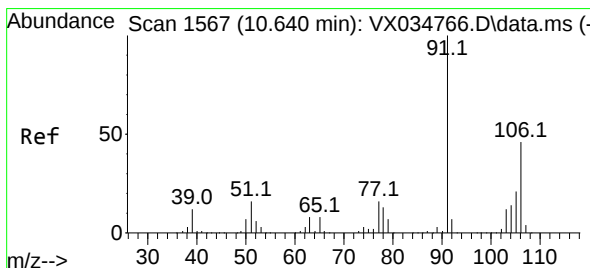
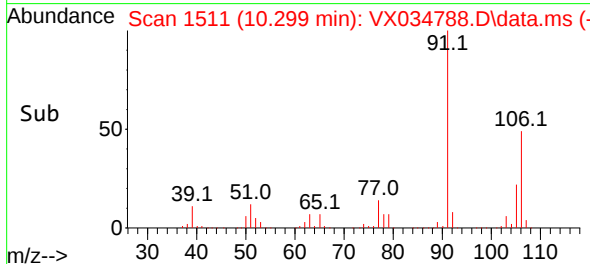
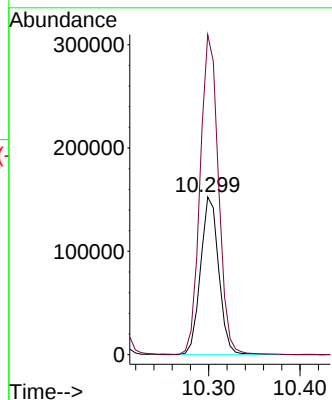
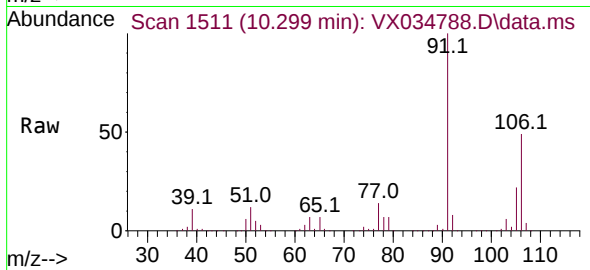
#67
m/p-Xylenes
Concen: 38.088 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 21085
Ion Ratio Lower Upper
106 100
91 204.9 167.4 251.2

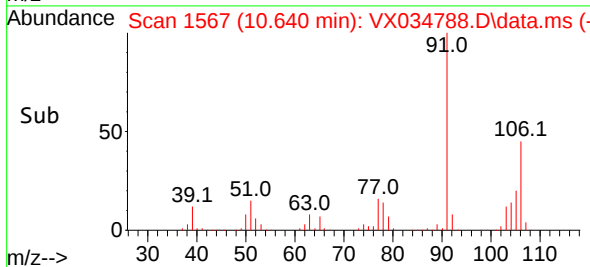
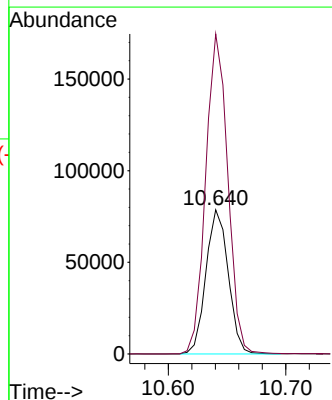
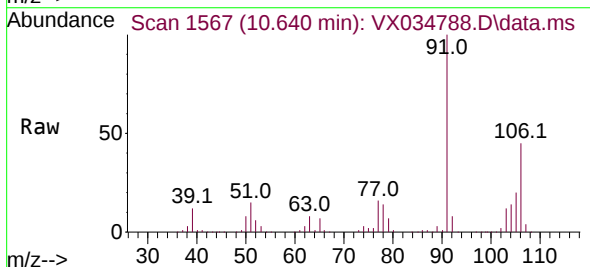
Manual Integrations
APPROVED

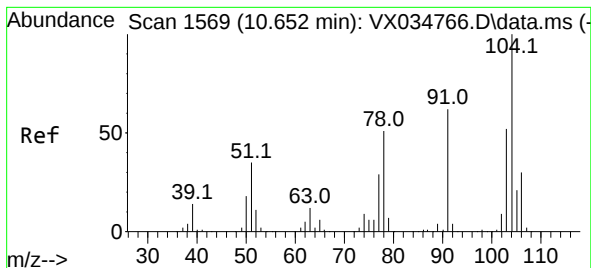
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#68
o-Xylene
Concen: 19.000 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Tgt Ion:106 Resp: 104023
Ion Ratio Lower Upper
106 100
91 219.4 108.9 326.8





#69

Styrene

Concen: 18.612 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX034788.D

Acq: 28 Mar 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

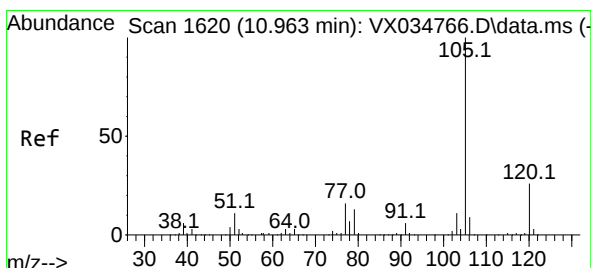
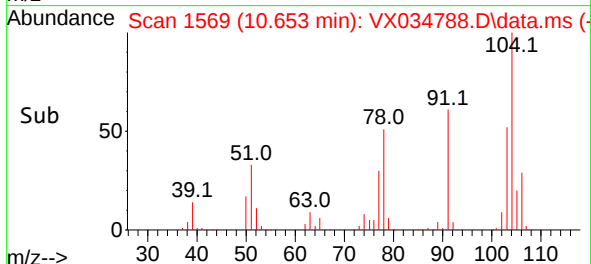
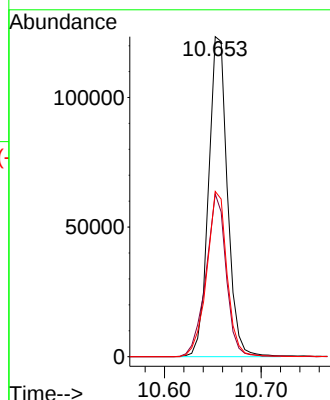
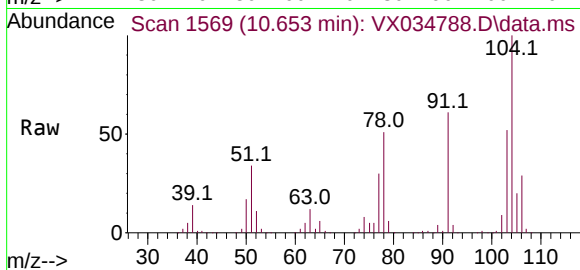
VSTDCCC020EC

Tgt Ion:104 Resp: 16798
 Ion Ratio Lower Upper
 104 100
 78 54.2 42.8 64.2
 103 55.3 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023



#70

Isopropylbenzene

Concen: 18.513 ug/l

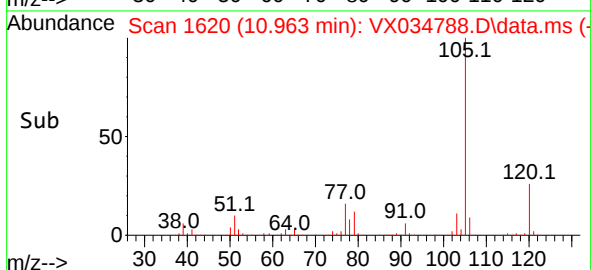
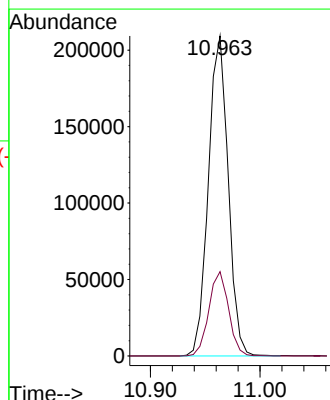
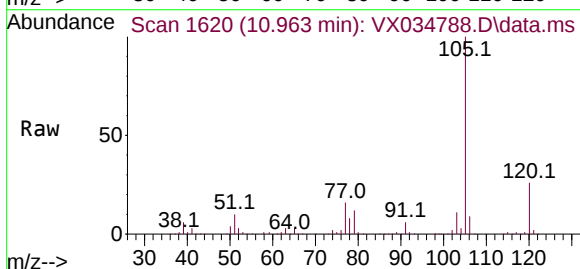
RT: 10.963 min Scan# 1620

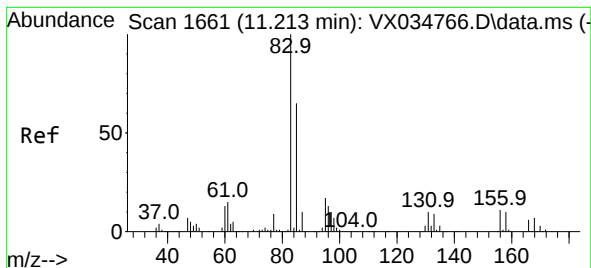
Delta R.T. 0.000 min

Lab File: VX034788.D

Acq: 28 Mar 2023 13:12

Tgt Ion:105 Resp: 262317
 Ion Ratio Lower Upper
 105 100
 120 26.2 18.5 34.3





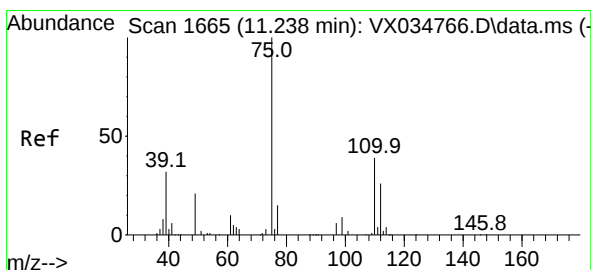
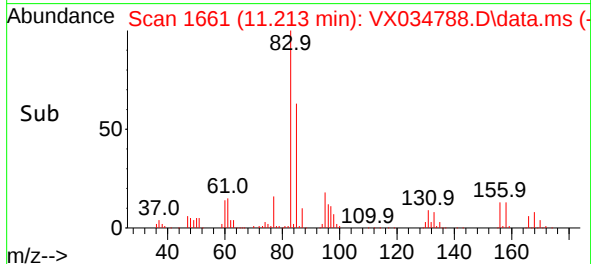
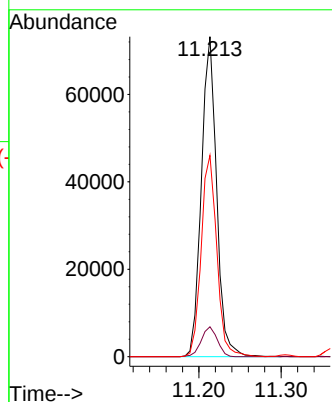
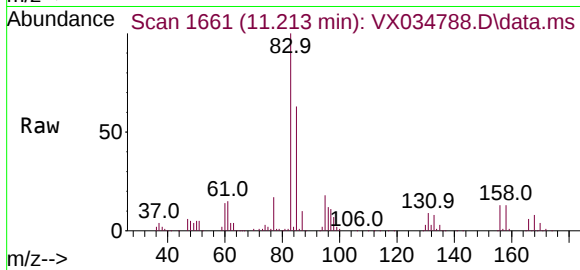
#71
1,1,2,2-Tetrachloroethane
Concen: 20.240 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 94260
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 64.6 31.9 95.5

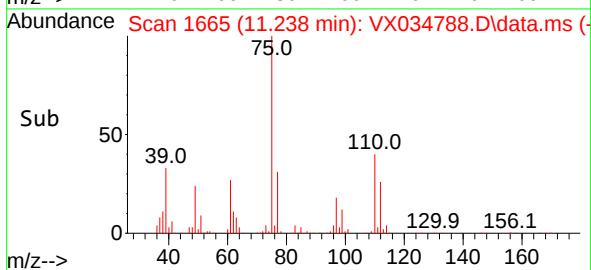
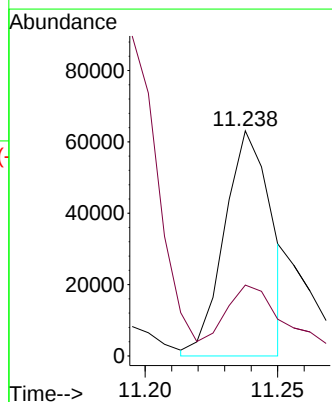
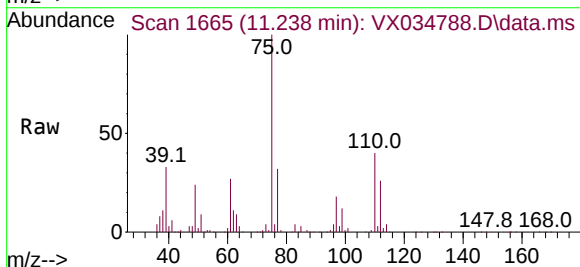
Manual Integrations
APPROVED

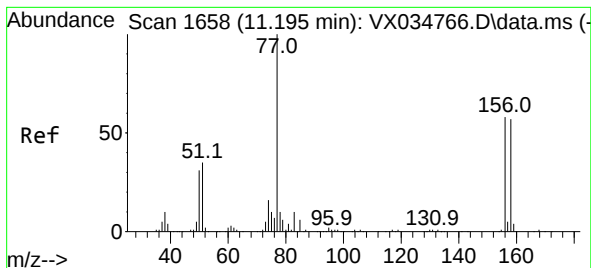
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#72
1,2,3-Trichloropropane
Concen: 18.274 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Tgt Ion: 75 Resp: 77474
Ion Ratio Lower Upper
75 100
77 41.9 0.0 73.8





#73

Bromobenzene

Concen: 19.465 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034788.D

Acq: 28 Mar 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

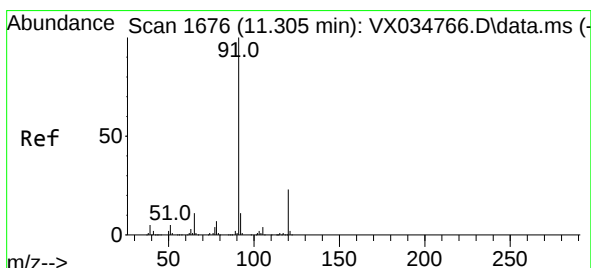
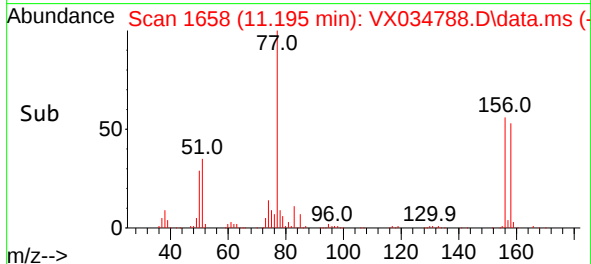
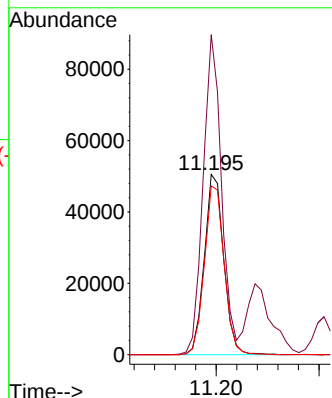
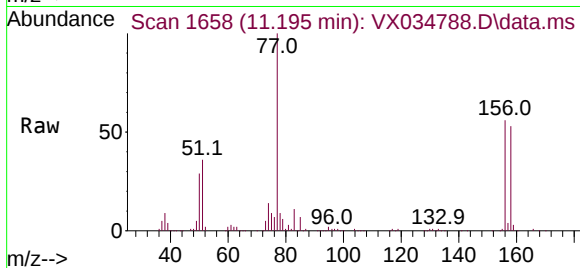
Tgt Ion:	156	Resp:	6623
Ion Ratio	Lower	Upper	
156	100		
77	167.7	0.0	330.8
158	95.2	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#74

n-propylbenzene

Concen: 18.340 ug/l

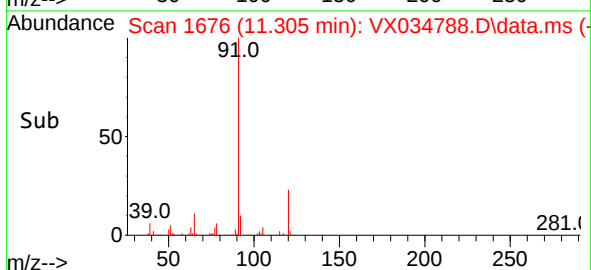
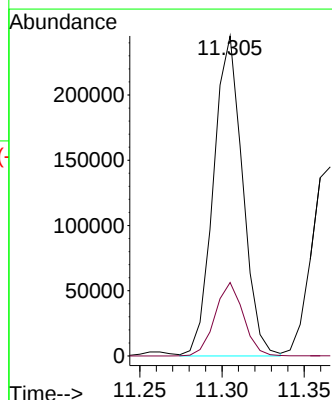
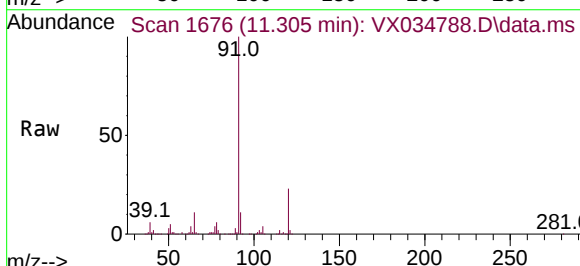
RT: 11.305 min Scan# 1676

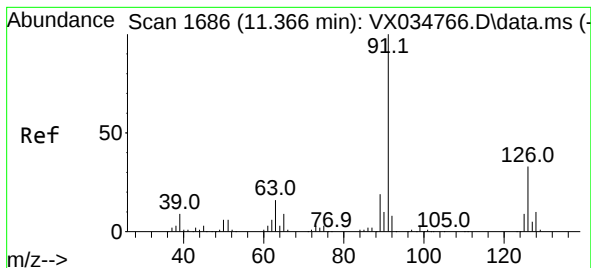
Delta R.T. 0.000 min

Lab File: VX034788.D

Acq: 28 Mar 2023 13:12

Tgt Ion:	91	Resp:	302510
Ion Ratio	Lower	Upper	
91	100		
120	22.3	0.0	44.8





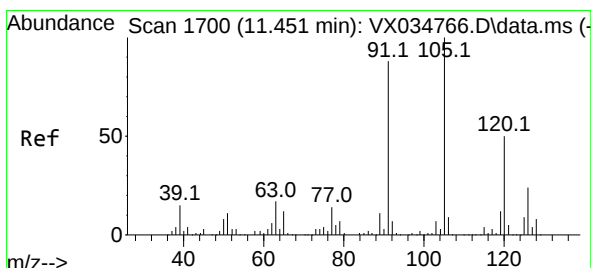
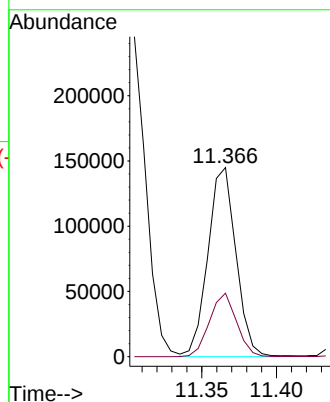
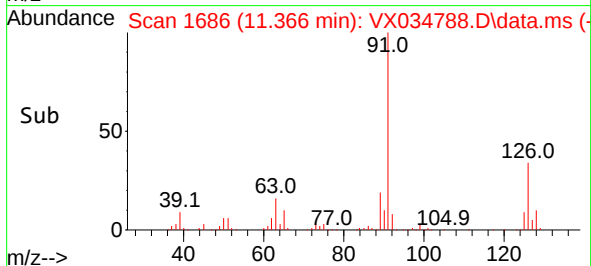
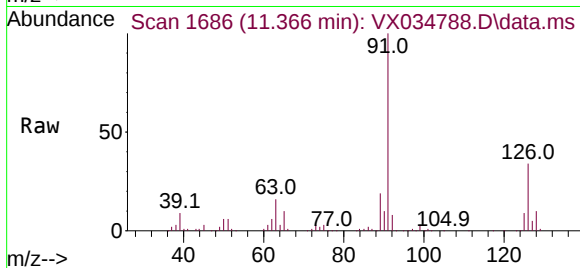
#75
2-Chlorotoluene
Concen: 18.412 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 189334
Ion Ratio Lower Upper
91 100
126 32.4 0.0 66.4

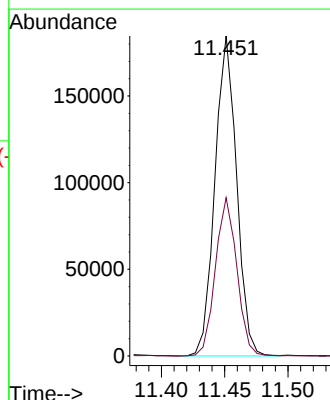
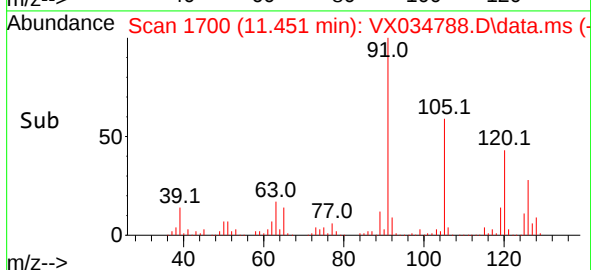
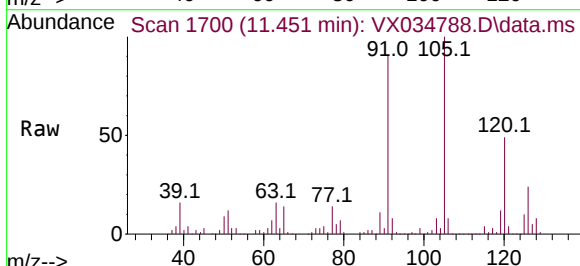
Manual Integrations
APPROVED

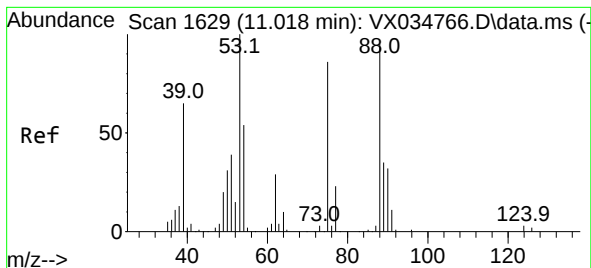
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.388 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

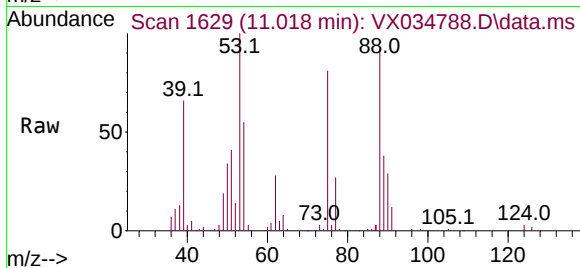
Tgt Ion:105 Resp: 219321
Ion Ratio Lower Upper
105 100
120 48.9 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.531 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

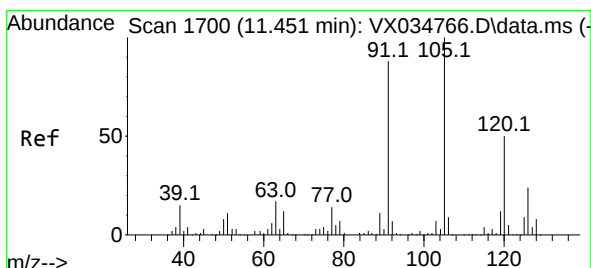
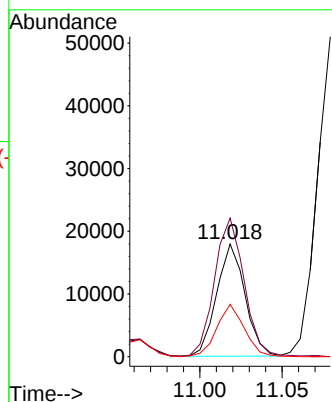
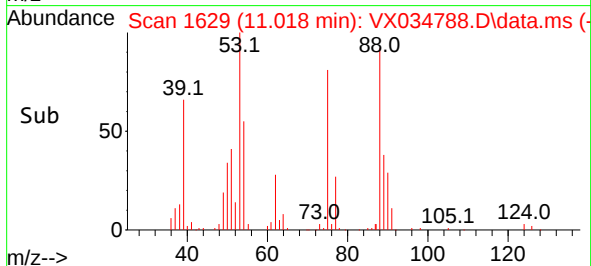
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 21524
Ion Ratio Lower Upper
75 100
53 123.2 58.2 174.6
89 46.7 20.6 61.8

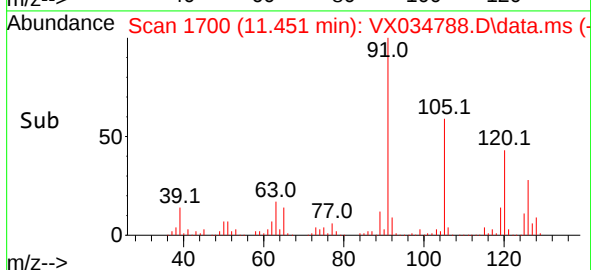
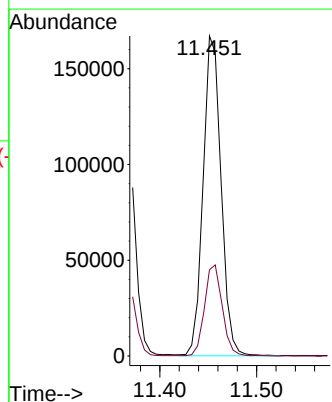
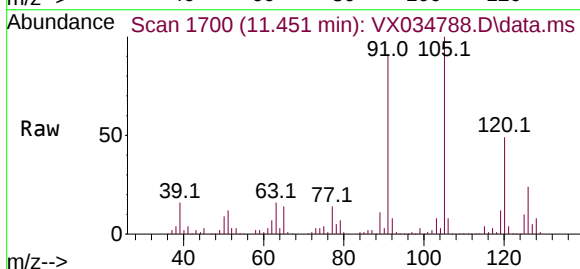
Manual Integrations
APPROVED

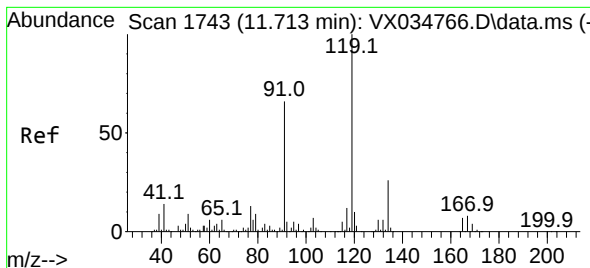
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#78
4-Chlorotoluene
Concen: 18.339 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

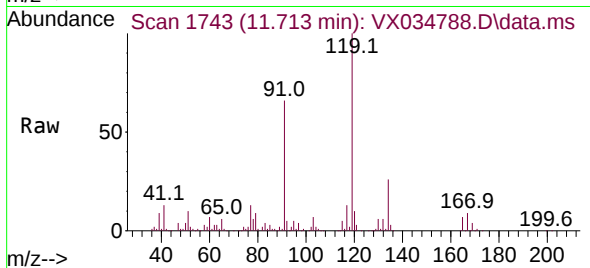
Tgt Ion: 91 Resp: 216195
Ion Ratio Lower Upper
91 100
126 27.8 0.0 56.8





#79
tert-butylbenzene
Concen: 18.298 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

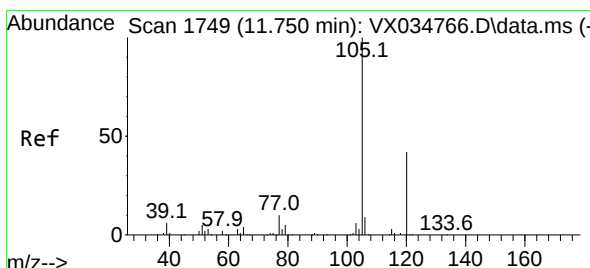
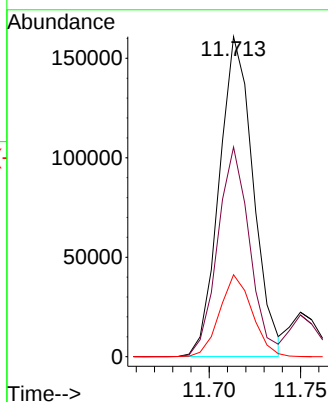
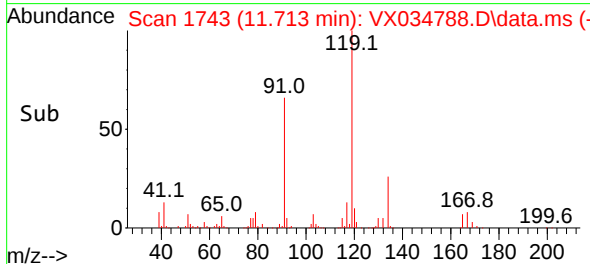
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



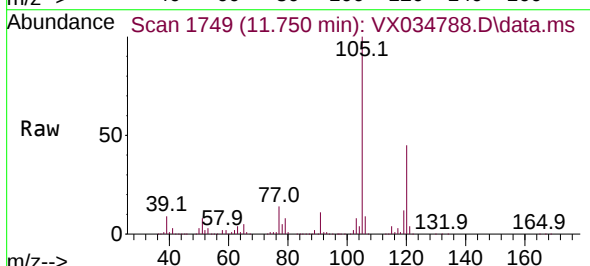
Tgt Ion:119 Resp: 20834
Ion Ratio Lower Upper
119 100
91 61.8 0.0 122.4
134 24.5 0.0 49.2

Manual Integrations
APPROVED

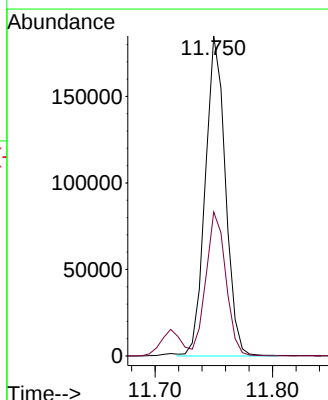
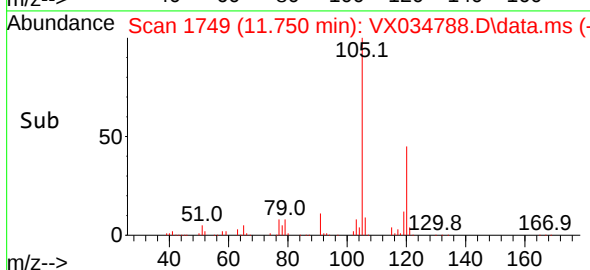
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

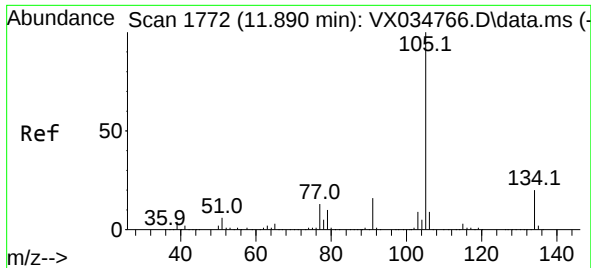


#80
1,2,4-Trimethylbenzene
Concen: 18.574 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12



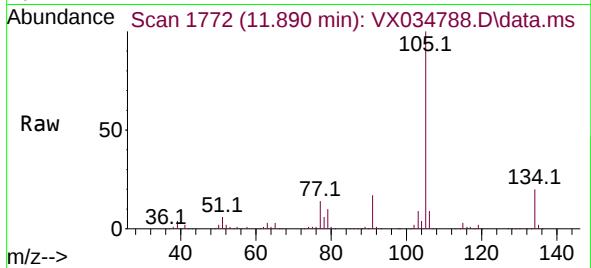
Tgt Ion:105 Resp: 220151
Ion Ratio Lower Upper
105 100
120 44.4 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 18.130 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034788.D
 Acq: 28 Mar 2023 13:12

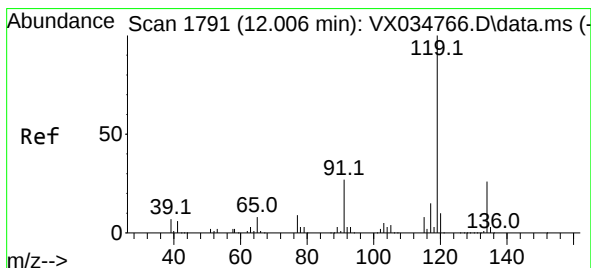
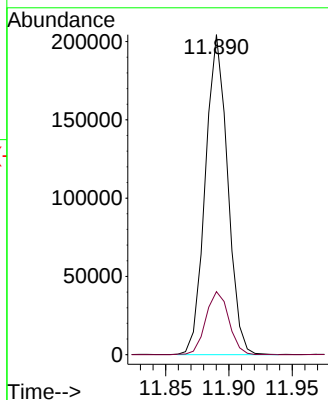
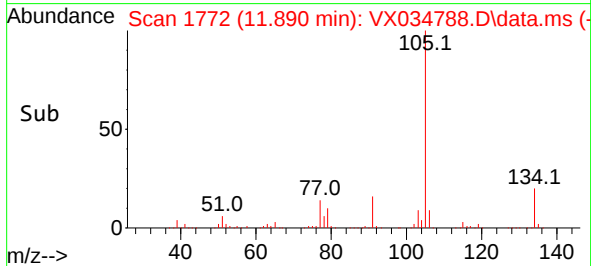
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



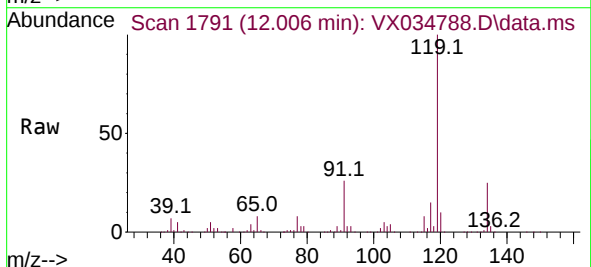
Tgt Ion:105 Resp: 250135
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 40.2

Manual Integrations
 APPROVED

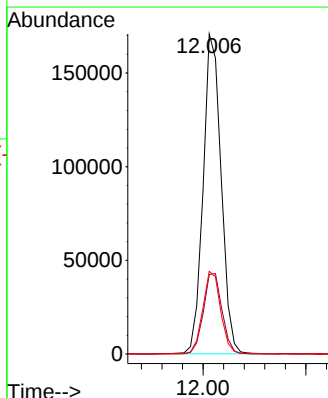
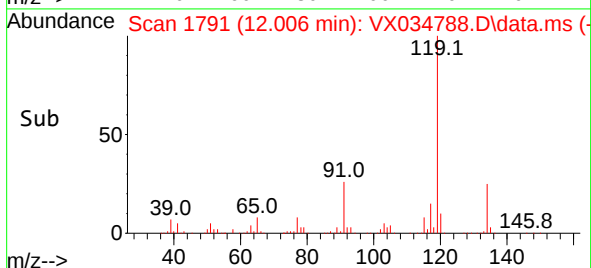
Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

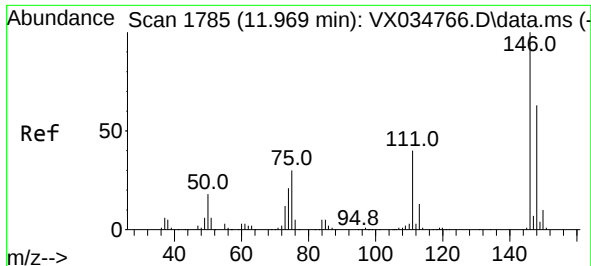


#82
 p-Isopropyltoluene
 Concen: 17.823 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034788.D
 Acq: 28 Mar 2023 13:12



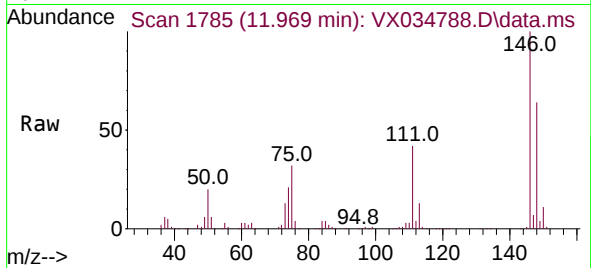
Tgt Ion:119 Resp: 207499
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.2
 91 25.8 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 18.712 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

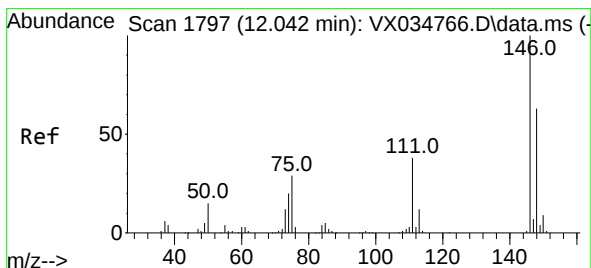
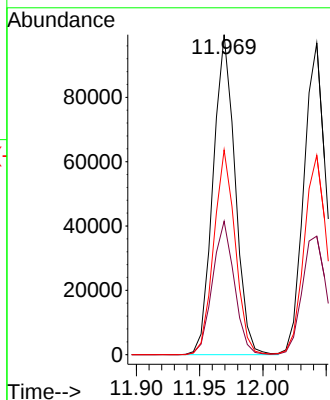
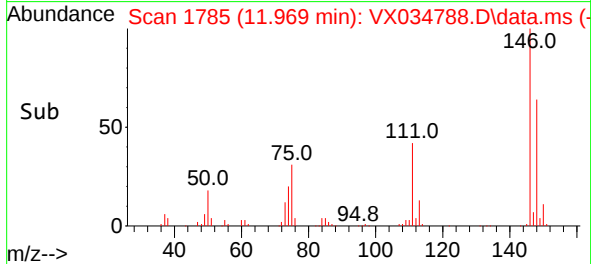
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



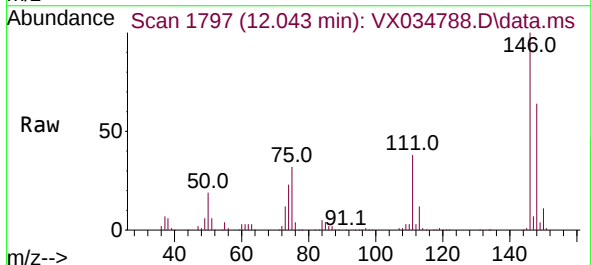
Tgt Ion:146 Resp: 12024
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.9
148 62.1 31.6 94.7

Manual Integrations
APPROVED

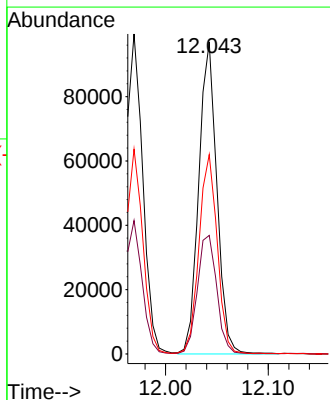
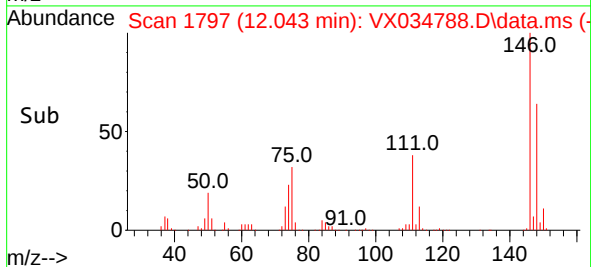
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

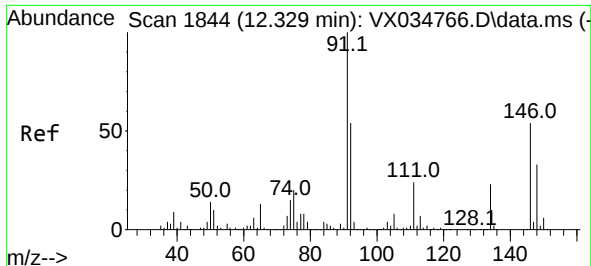


#84
1,4-Dichlorobenzene
Concen: 18.449 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12



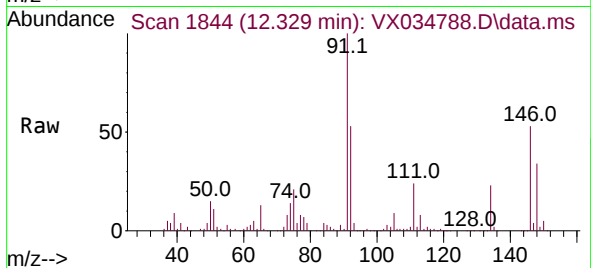
Tgt Ion:146 Resp: 119054
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.9
148 64.5 31.8 95.3





#85
n-Butylbenzene
Concen: 17.700 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

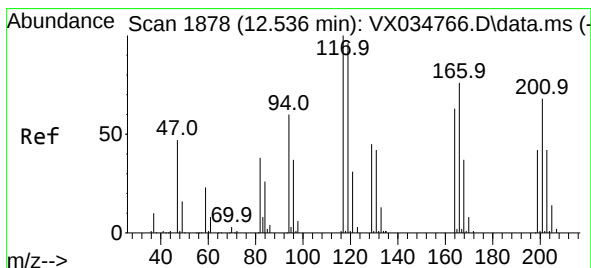
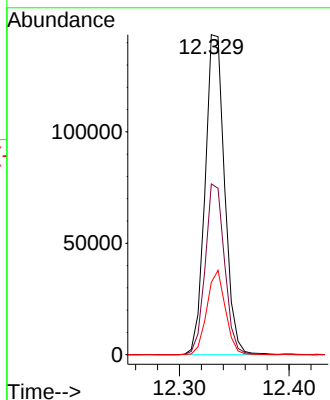
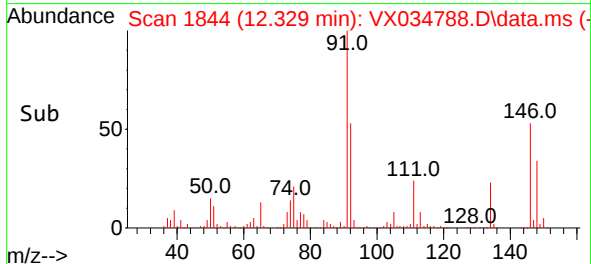
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 177590
Ion Ratio Lower Upper
91 100
92 53.0 0.0 107.6
134 25.1 0.0 49.8

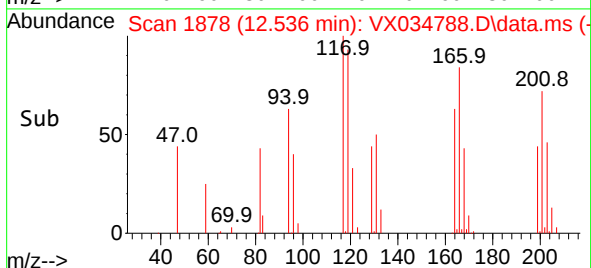
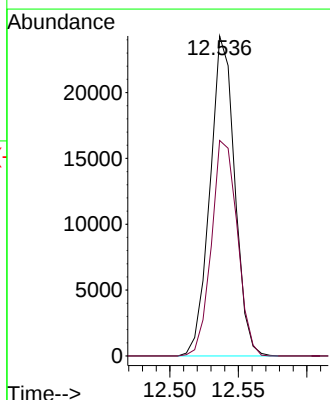
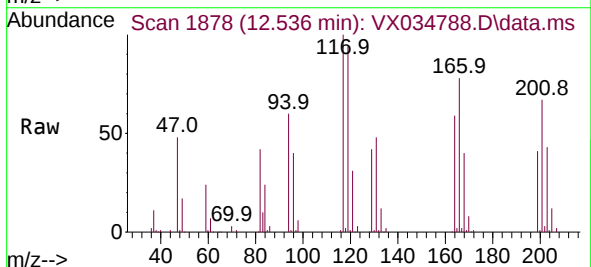
Manual Integrations
APPROVED

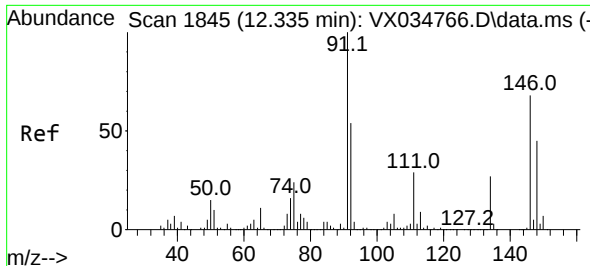
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#86
Hexachloroethane
Concen: 15.973 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

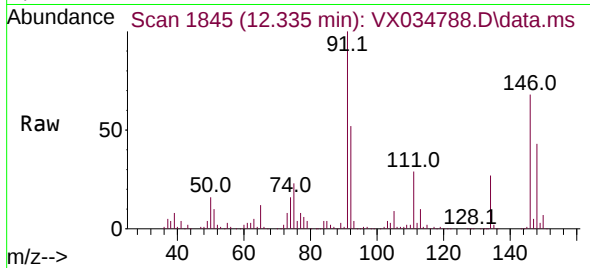
Tgt Ion:117 Resp: 30459
Ion Ratio Lower Upper
117 100
201 70.3 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 19.070 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

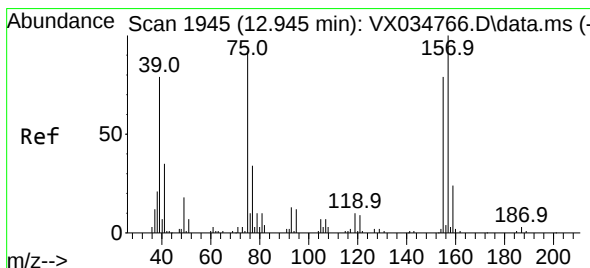
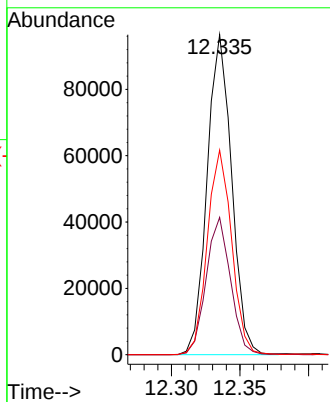
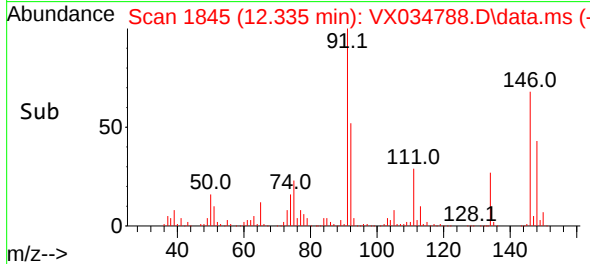
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 119915
Ion Ratio Lower Upper
146 100
111 42.6 21.3 64.0
148 63.6 31.7 95.1

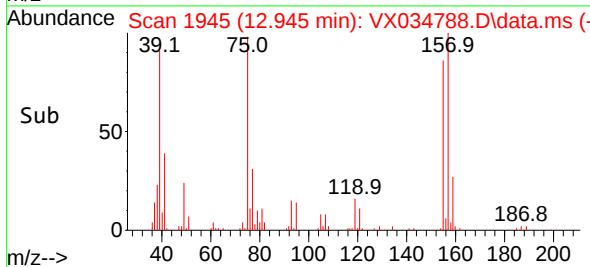
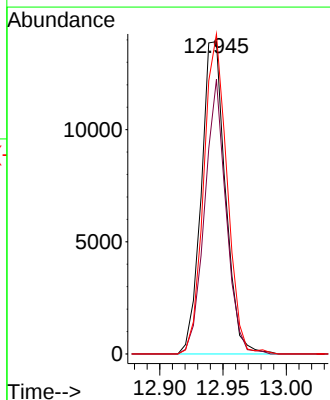
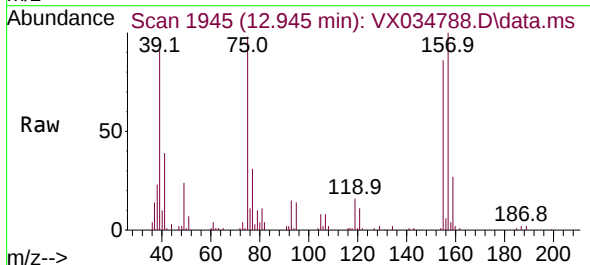
Manual Integrations
APPROVED

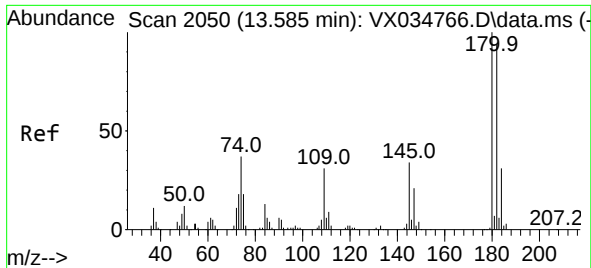
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.220 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

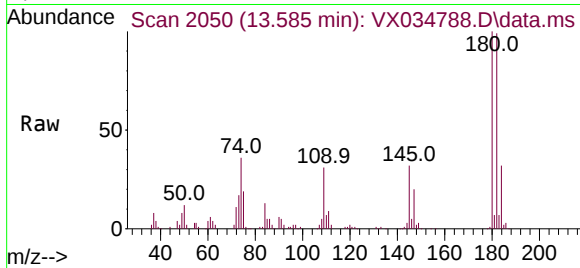
Tgt Ion: 75 Resp: 18544
Ion Ratio Lower Upper
75 100
155 77.6 63.7 95.5
157 98.0 83.7 125.5





#89
1,2,4-Trichlorobenzene
Concen: 18.211 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

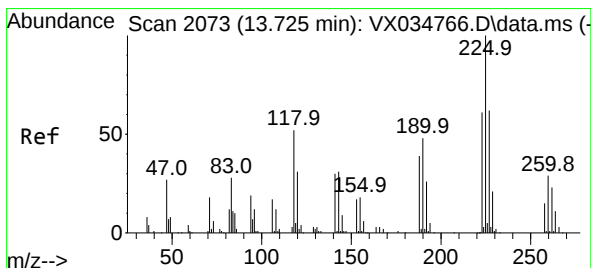
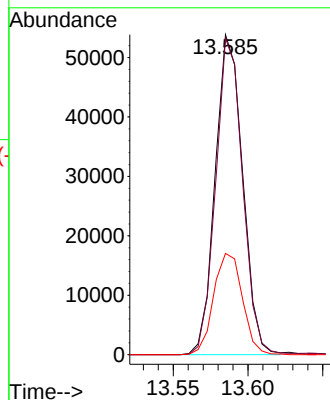
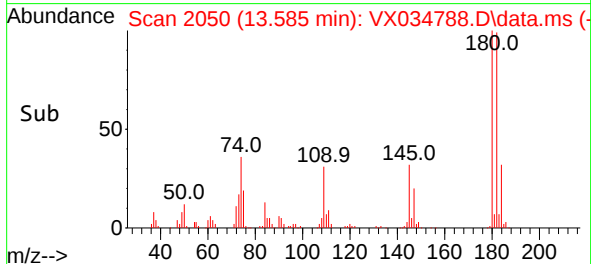
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



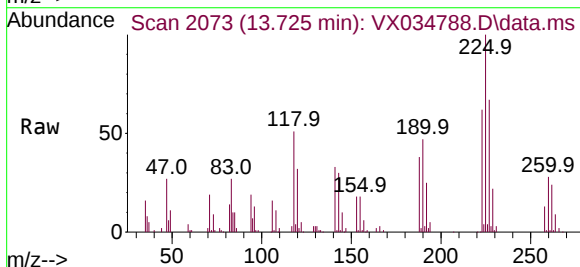
Tgt Ion:180 Resp: 68692
Ion Ratio Lower Upper
180 100
182 97.0 75.8 113.8
145 33.2 25.8 38.6

Manual Integrations
APPROVED

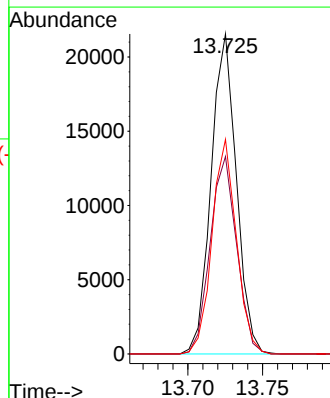
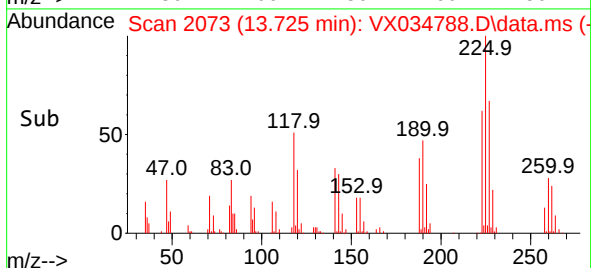
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

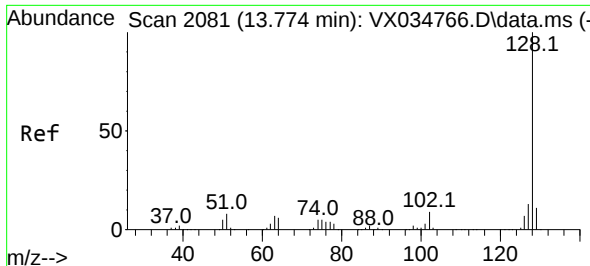


#90
Hexachlorobutadiene
Concen: 17.417 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12



Tgt Ion:225 Resp: 25337
Ion Ratio Lower Upper
225 100
223 64.6 0.0 124.2
227 64.8 0.0 122.8





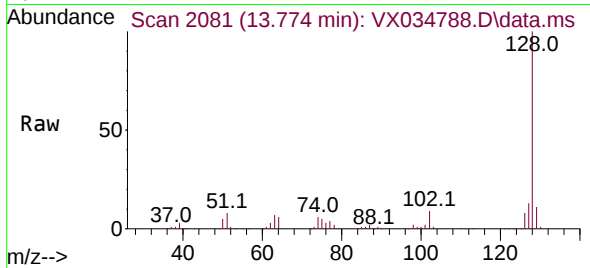
#91
Naphthalene
Concen: 19.422 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



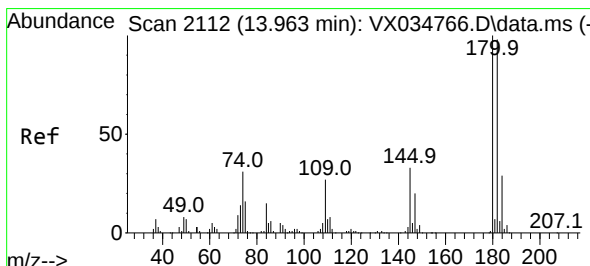
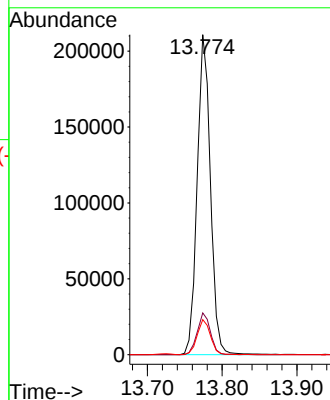
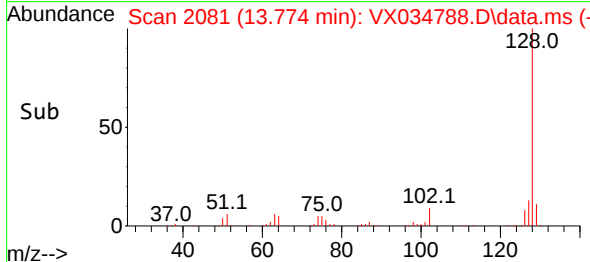
Tgt Ion:128 Resp: 25883
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations

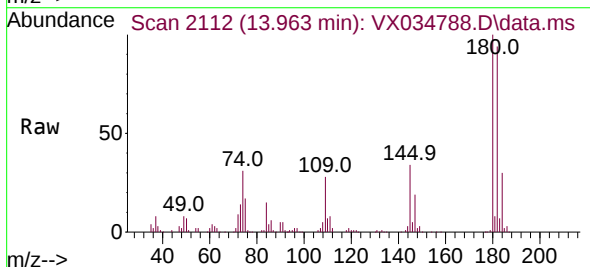
APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.016 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034788.D
Acq: 28 Mar 2023 13:12



Tgt Ion:180 Resp: 71708
Ion Ratio Lower Upper
180 100
182 93.2 0.0 191.0
145 34.8 0.0 66.8

