

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034779.D
 Acq On : 28 Mar 2023 09:06
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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

Quant Time: Mar 28 15:16:37 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	28416	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	202544	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	218840	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	82707	30.292	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.967%			
60) 4-Bromofluorobenzene	11.079	95	127178	29.084	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.933%			
63) Toluene-d8	8.647	98	223669	30.075	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.267%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	56714	21.043	ug/l	99
3) Chloromethane	1.294	50	72595	20.773	ug/l	98
4) Vinyl Chloride	1.374	62	71476	20.730	ug/l	99
5) Bromomethane	1.618	94	48050	21.187	ug/l	98
6) Chloroethane	1.691	64	46099	20.545	ug/l	99
7) Trichlorofluoromethane	1.892	101	115868	21.097	ug/l	100
8) Diethyl Ether	2.130	74	40086	20.274	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	59442	21.333	ug/l	99
10) 1,1-Dichloroethene	2.319	96	56421	20.003	ug/l	99
11) Methyl Iodide	2.453	142	70331	19.581	ug/l	96
12) Methyl Acetate	2.703	43	122714	19.646	ug/l	97
13) Acrolein	2.239	56	75241	103.876	ug/l	98
14) Acrylonitrile	3.062	53	166409	96.750	ug/l	99
15) Acetone	2.392	58	53149	113.821	ug/l	95
16) Carbon Disulfide	2.514	76	142006	19.683	ug/l	100
17) Allyl chloride	2.666	41	110366	20.221	ug/l	98
18) Methylene Chloride	2.788	84	65766	19.794	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	63082	20.439	ug/l	99
20) Diisopropyl ether	3.751	45	226338	20.242	ug/l	91
21) 1,1-Dichloroethane	3.605	63	117859	19.712	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	72074	20.050	ug/l	100
23) tert-Butyl Alcohol	3.008	59	76954m	99.440	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	205537	19.610	ug/l	98
25) Chloroform	5.086	83	120009	19.734	ug/l	97
26) Cyclohexane	5.471	56	109121	20.827	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	92118	19.774	ug/l	98
30) 2-Butanone	4.556	43	264002	101.619	ug/l	99
31) 2,2-Dichloropropane	4.471	77	97311	20.598	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	103467	18.933	ug/l	99
33) Carbon Tetrachloride	5.678	117	86560	19.191	ug/l	99
34) Benzene	6.037	78	264613	19.546	ug/l	98
35) Methacrylonitrile	4.916	41	51396	18.075	ug/l	98
36) 1,2-Dichloroethane	6.086	62	101647	19.150	ug/l	99
37) Trichloroethene	7.123	130	68425	19.860	ug/l	99
38) Methylcyclohexane	7.379	83	105646	20.757	ug/l	98
39) 1,2-Dichloropropane	7.427	63	68287	19.406	ug/l	96
40) Dibromomethane	7.580	93	46621	19.287	ug/l	99
41) Bromodichloromethane	7.818	83	86456	18.988	ug/l #	97
42) Vinyl Acetate	3.721	43	818183	96.535	ug/l	100

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Manual Integrations

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Quant Time: Mar 28 15:16:37 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M

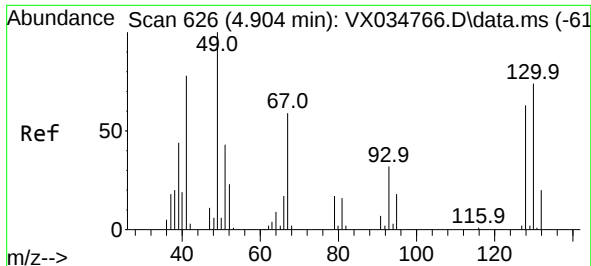
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Tue Mar 28 09:11:00 2023

Response via : Initial Calibration

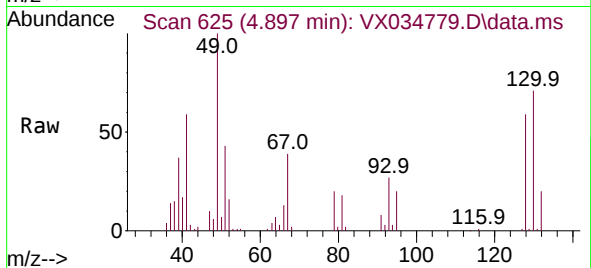
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	96894	19.230	ug/l	99
44) Isopropyl Acetate	6.336	43	158204	18.548	ug/l	99
45) 1,4-Dioxane	7.714	88	33860	400.690	ug/l #	91
46) Methyl methacrylate	7.690	41	77329	18.607	ug/l	98
47) n-amyl Acetate	10.842	43	135222	18.235	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	91926	18.530	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	105174	19.297	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	64271	19.085	ug/l	99
51) Ethyl methacrylate	9.116	69	101080	18.493	ug/l	98
52) 1,3-Dichloropropane	9.305	76	115379	19.395	ug/l	100
53) Dibromochloromethane	9.519	129	61217	18.375	ug/l	98
54) 1,2-Dibromoethane	9.610	107	66815	18.548	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	297132	103.301	ug/l	100
56) Bromoform	10.799	173	39825	17.337	ug/l	98
58) 4-Methyl-2-Pentanone	8.568	43	482361	96.136	ug/l	100
59) 2-Hexanone	9.427	43	383947	101.633	ug/l	100
61) Tetrachloroethene	9.275	164	58858	19.960	ug/l	97
62) Toluene	8.714	91	282527	19.744	ug/l	100
64) Chlorobenzene	10.079	112	173872	19.731	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	59572	18.911	ug/l	97
66) Ethyl Benzene	10.195	91	316781	19.876	ug/l	99
67) m/p-Xylenes	10.299	106	242231	39.945	ug/l	99
68) o-Xylene	10.640	106	119565	19.938	ug/l	99
69) Styrene	10.653	104	191630	19.383	ug/l	99
70) Isopropylbenzene	10.963	105	307171	19.791	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	97959	19.201	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	81667m	17.585	ug/l	
73) Bromobenzene	11.195	156	73255	19.653	ug/l	99
74) n-propylbenzene	11.305	91	364759	20.188	ug/l	100
75) 2-Chlorotoluene	11.360	91	222509	19.754	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	259277	19.845	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	24840	17.417	ug/l	93
78) 4-Chlorotoluene	11.451	91	253032	19.595	ug/l	100
79) tert-butylbenzene	11.713	119	243931	19.558	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	258953	19.945	ug/l	99
81) sec-Butylbenzene	11.890	105	301983	19.982	ug/l	100
82) p-Isopropyltoluene	12.006	119	254355	19.945	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	138342	19.654	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	137737	19.485	ug/l	100
85) n-Butylbenzene	12.329	91	218464	19.877	ug/l	98
86) Hexachloroethane	12.536	117	38569	18.465	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	135400	19.658	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	19629	17.607	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	82669	20.008	ug/l	99
90) Hexachlorobutadiene	13.725	225	32911	20.654	ug/l	95
91) Naphthalene	13.774	128	282546	19.354	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	81782	19.799	ug/l	99

(#) = 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: VX034779.D
Acq: 28 Mar 2023 09:06

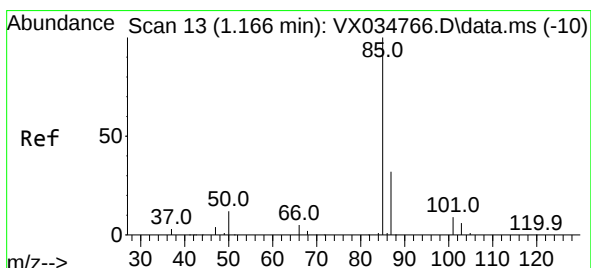
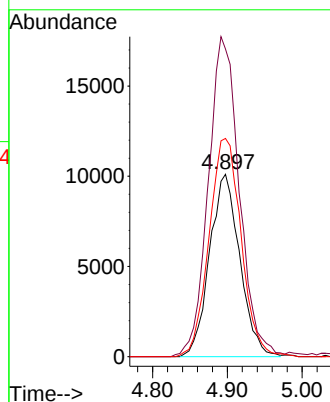
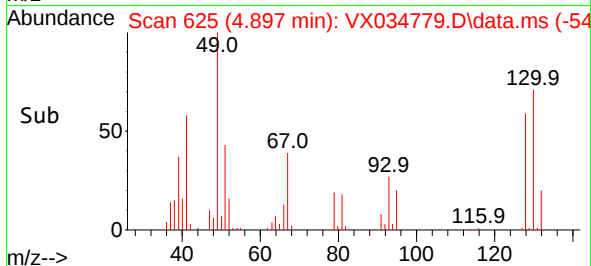
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 28410
Ion Ratio Lower Upper
128 100
49 180.1 0.0 428.8
130 127.1 0.0 310.8

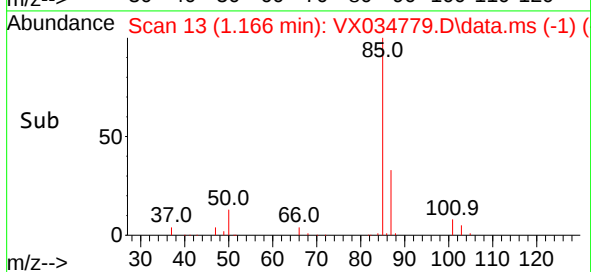
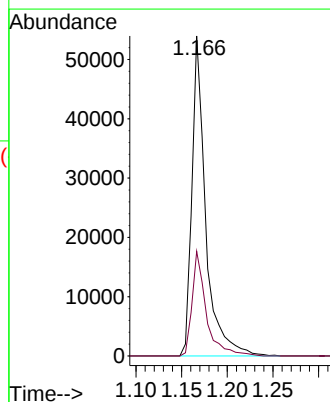
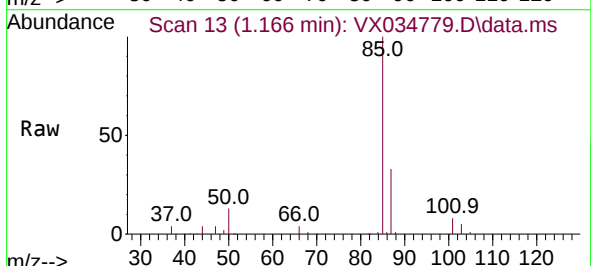
Manual Integrations
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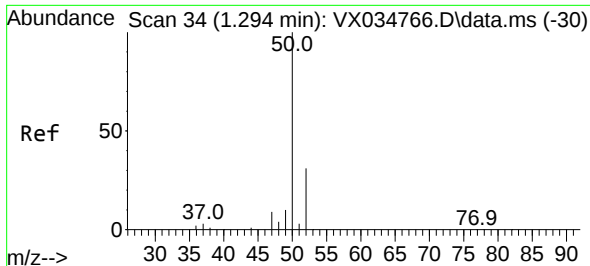
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#2
Dichlorodifluoromethane
Concen: 21.043 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

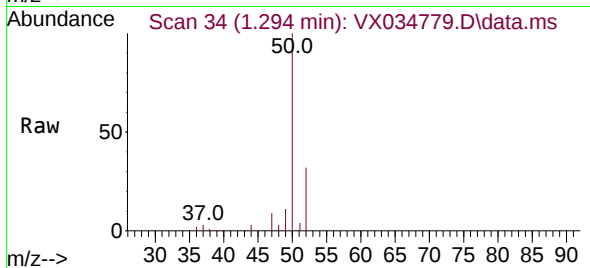
Tgt Ion: 85 Resp: 56714
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0





#3
Chloromethane
Concen: 20.773 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

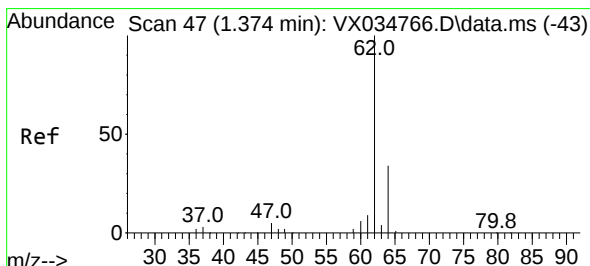
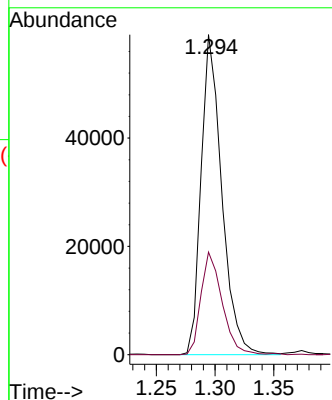
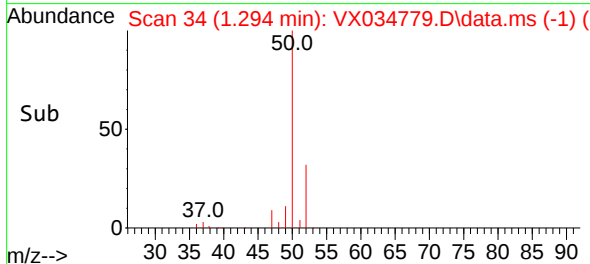
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 50 Resp: 7259
Ion Ratio Lower Upper
50 100
52 32.0 24.6 36.8

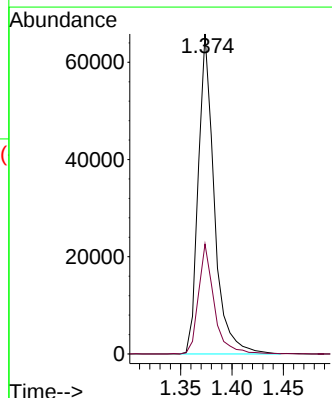
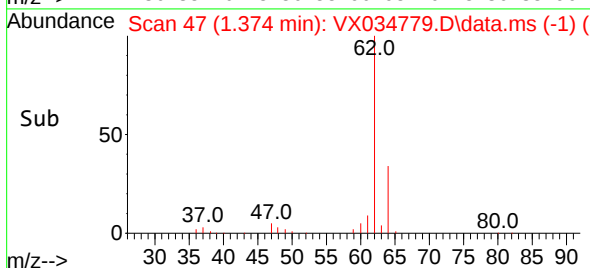
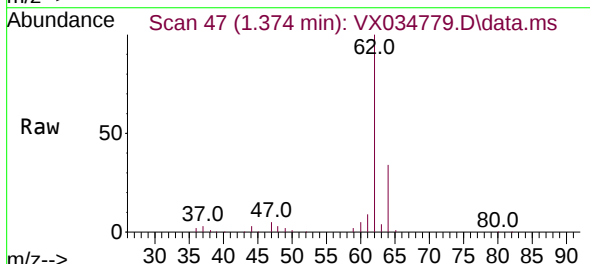
Manual Integrations
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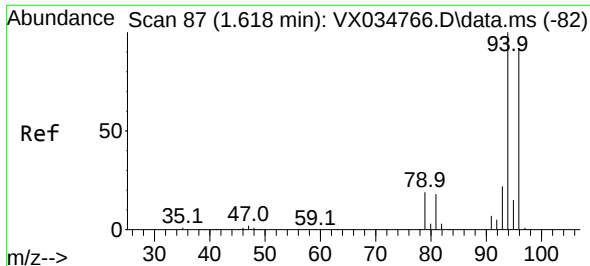
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#4
Vinyl Chloride
Concen: 20.730 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

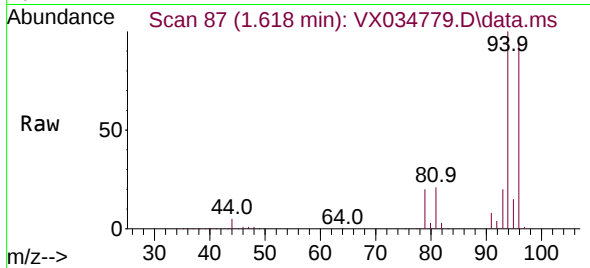
Tgt Ion: 62 Resp: 71476
Ion Ratio Lower Upper
62 100
64 34.4 26.9 40.3





#5
Bromomethane
Concen: 21.187 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

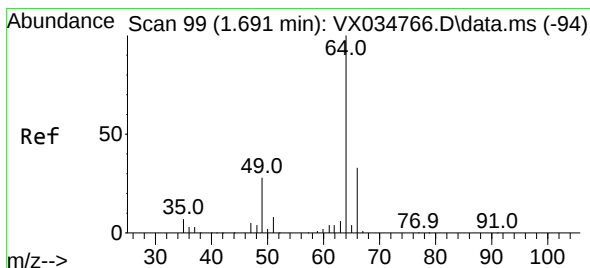
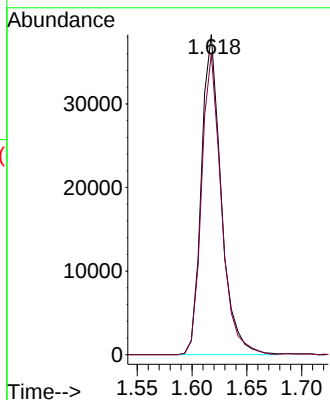
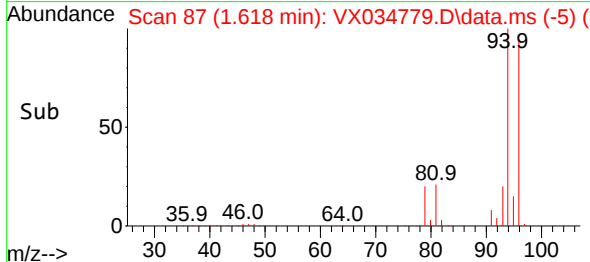
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



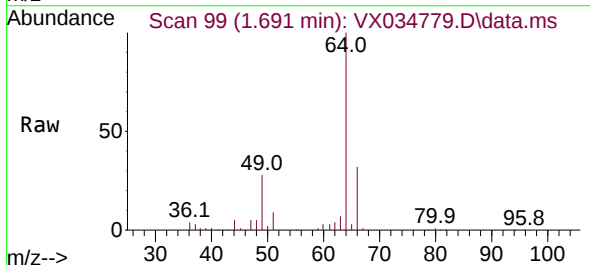
Tgt Ion: 94 Resp: 48050
Ion Ratio Lower Upper
94 100
96 94.0 73.4 110.0

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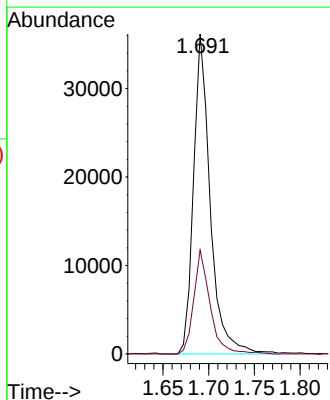
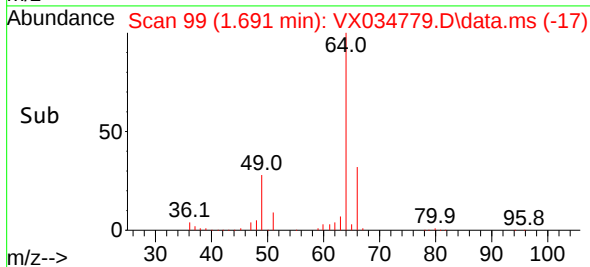
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

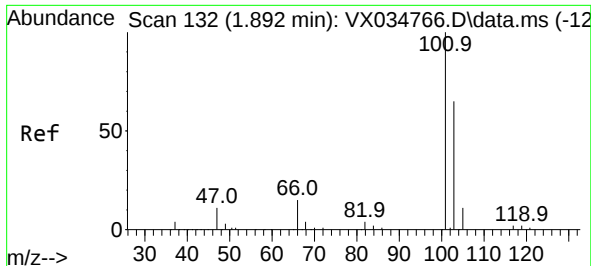


#6
Chloroethane
Concen: 20.545 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06



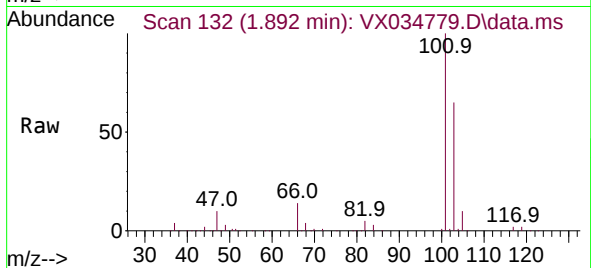
Tgt Ion: 64 Resp: 46099
Ion Ratio Lower Upper
64 100
66 32.5 26.6 40.0





#7
Trichlorofluoromethane
Concen: 21.097 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

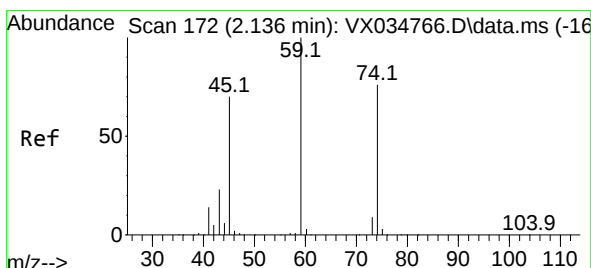
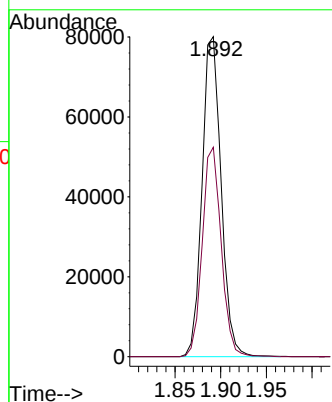
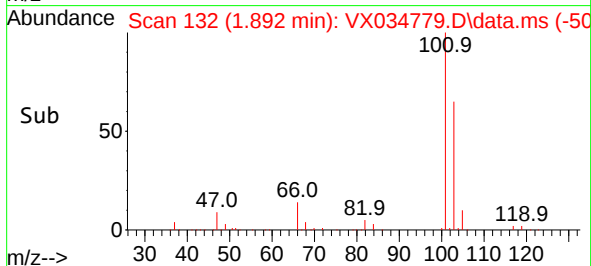
Instrument :
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Tgt Ion:101 Resp: 11586
Ion Ratio Lower Upper
101 100
103 65.5 52.1 78.1

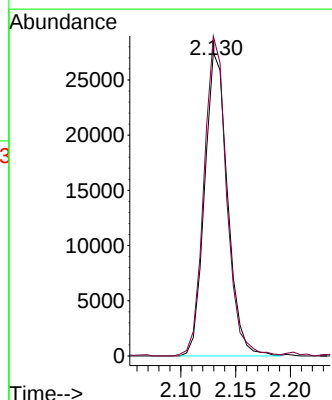
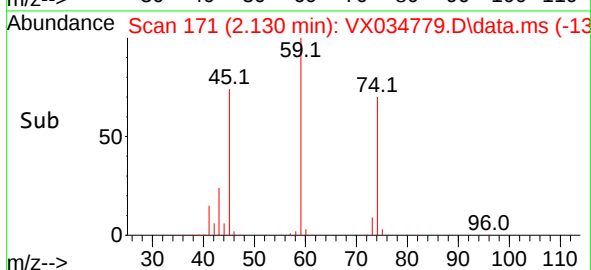
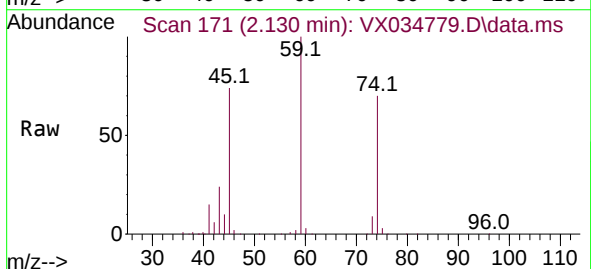
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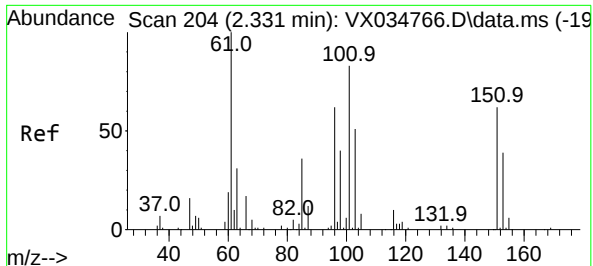
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#8
Diethyl Ether
Concen: 20.274 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion: 74 Resp: 40086
Ion Ratio Lower Upper
74 100
45 103.8 20.5 184.5





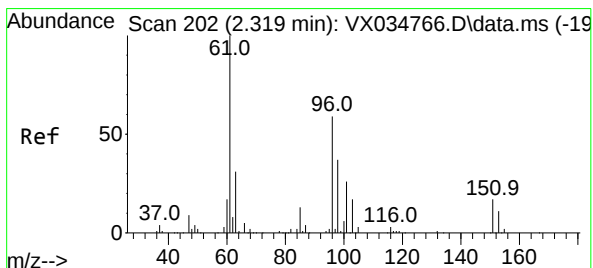
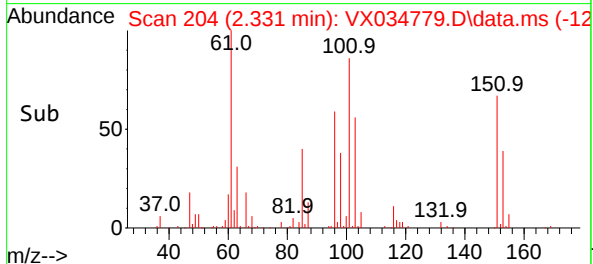
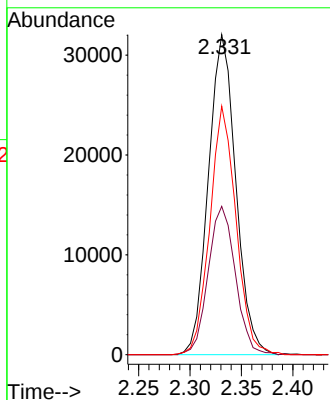
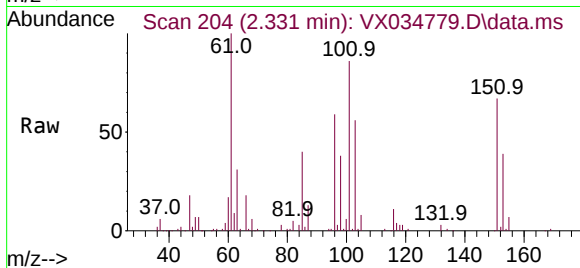
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1,1,2-Trichlorotrifluoroethane
Concen: 21.333 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 5944
Ion Ratio Lower Upper
101 100
85 46.0 0.0 88.8
151 74.2 0.0 147.6

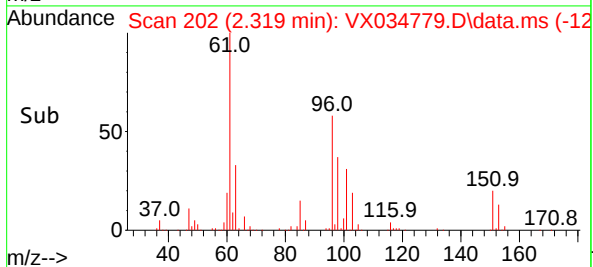
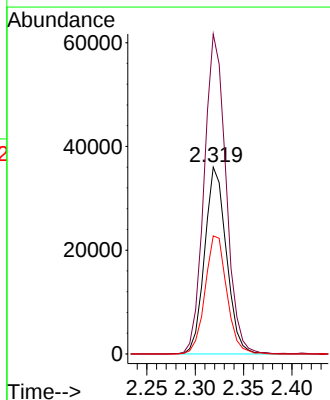
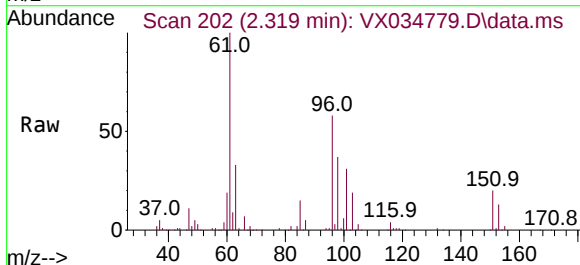
Manual Integrations
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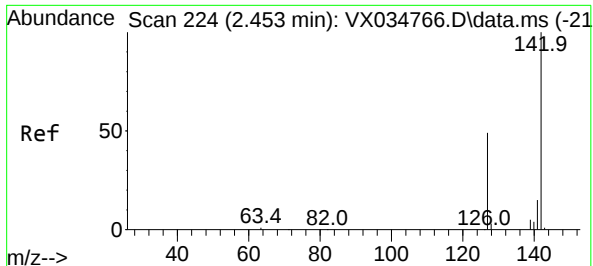
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#10
1,1-Dichloroethene
Concen: 20.003 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion: 96 Resp: 56421
Ion Ratio Lower Upper
96 100
61 171.1 135.8 203.6
98 63.2 49.8 74.6





#11

Methyl Iodide

Concen: 19.581 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:142 Resp: 7033

Ion Ratio Lower Upper

142 100

127 45.7 24.5 73.5

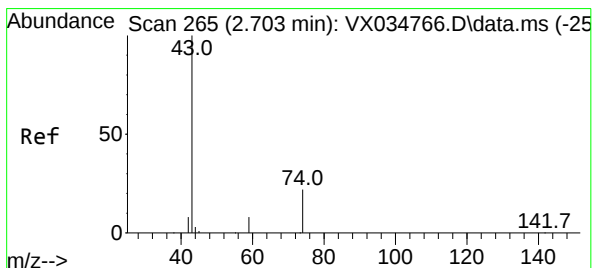
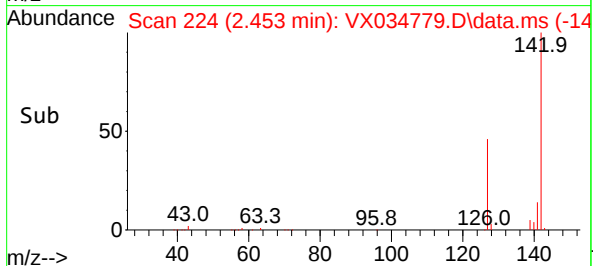
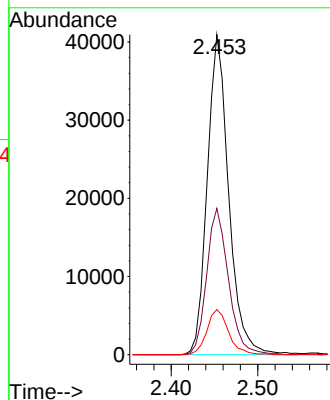
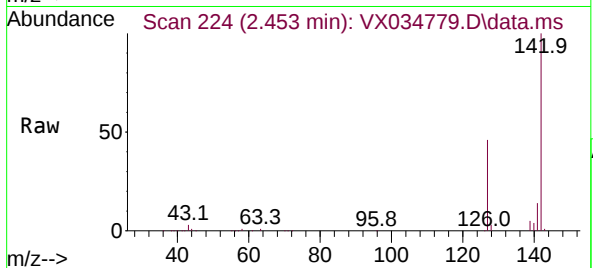
141 14.1 7.6 22.8

Manual Integrations

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Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#12

Methyl Acetate

Concen: 19.646 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX034779.D

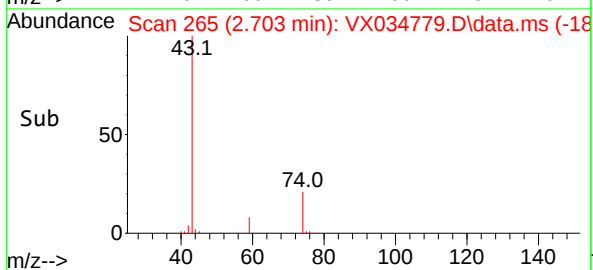
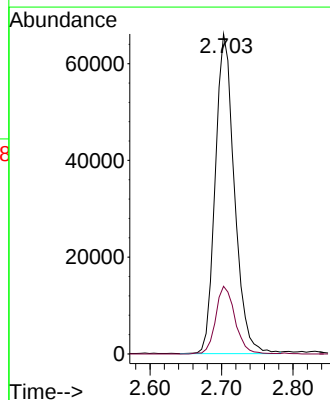
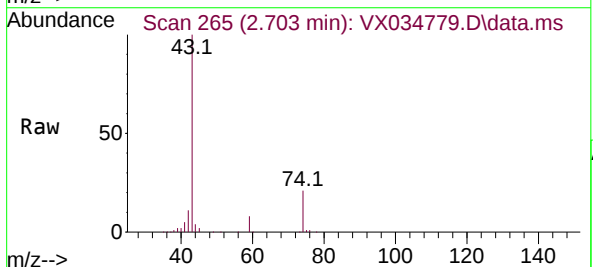
Acq: 28 Mar 2023 09:06

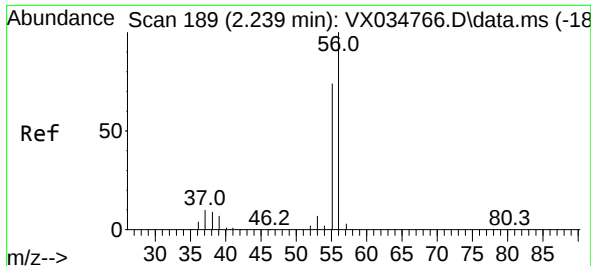
Tgt Ion: 43 Resp: 122714

Ion Ratio Lower Upper

43 100

74 21.2 18.0 27.0





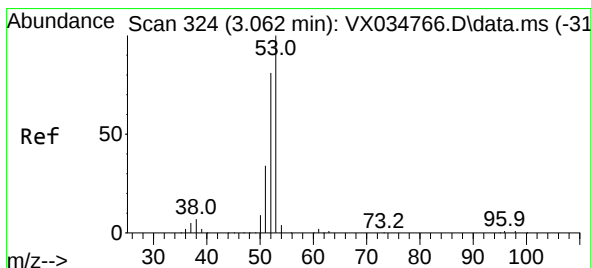
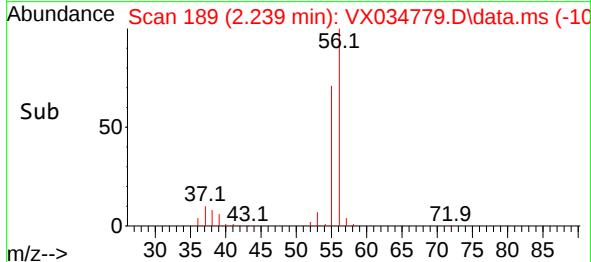
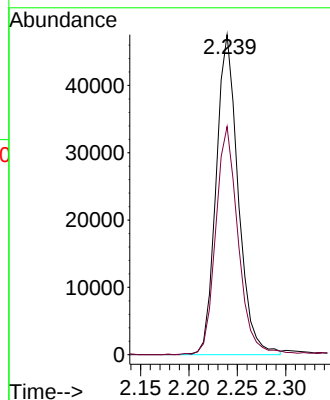
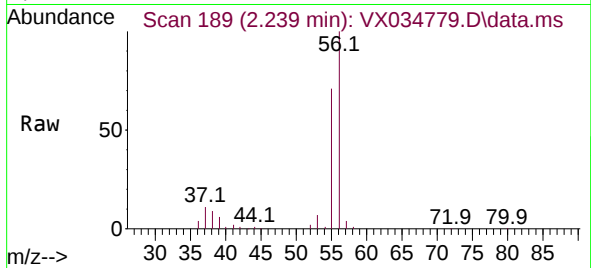
#13
Acrolein
Concen: 103.876 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 7524
Ion Ratio Lower Upper
56 100
55 72.6 56.6 85.0

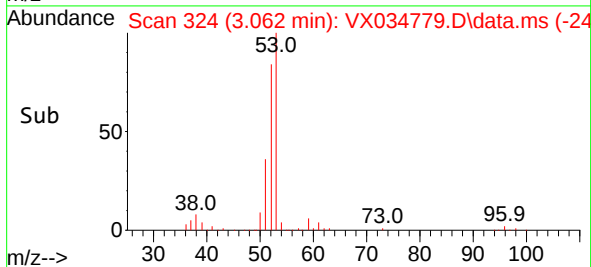
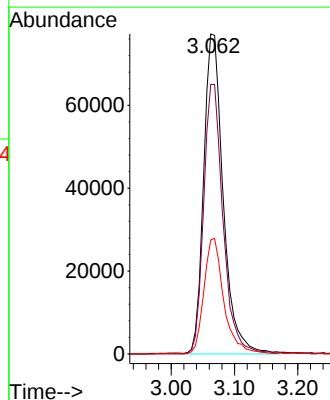
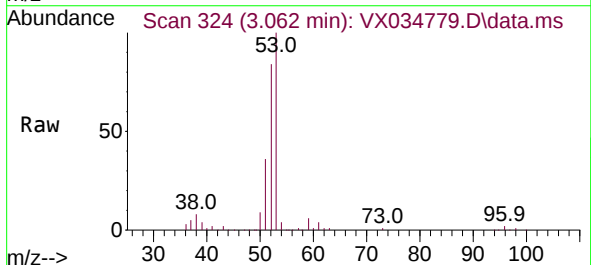
Manual Integrations
APPROVED

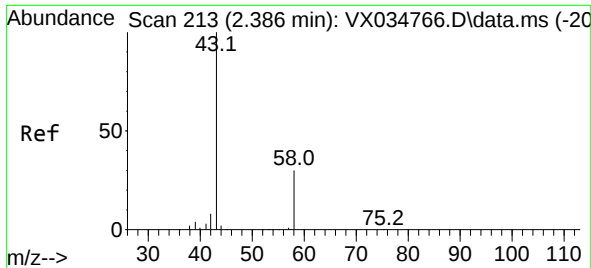
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#14
Acrylonitrile
Concen: 96.750 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion: 53 Resp: 166409
Ion Ratio Lower Upper
53 100
52 83.7 41.3 123.7
51 36.7 17.9 53.7





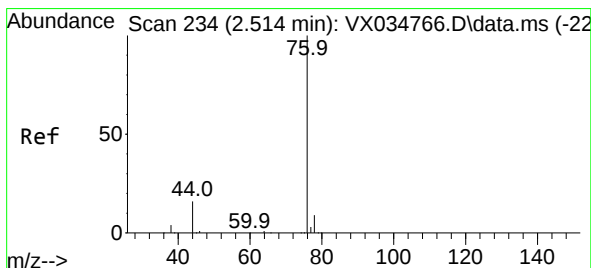
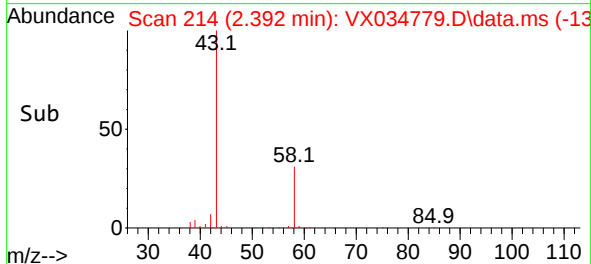
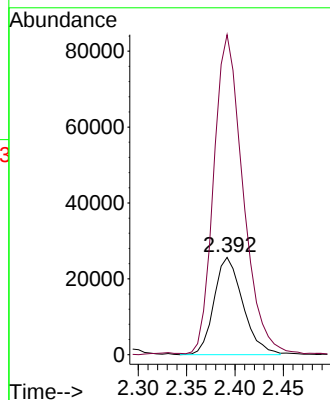
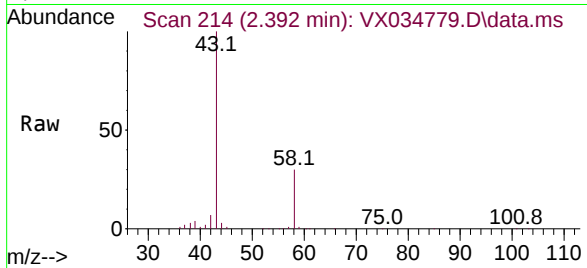
#15
Acetone
Concen: 113.821 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 53149
Ion Ratio Lower Upper
58 100
43 327.5 270.8 406.2

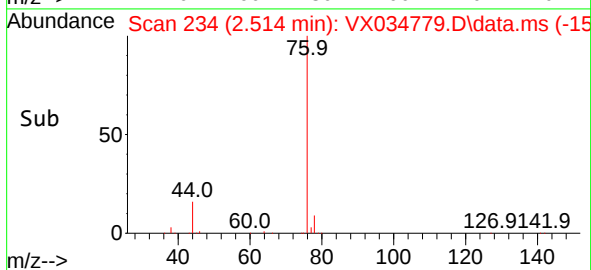
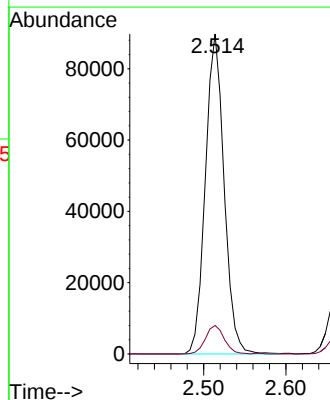
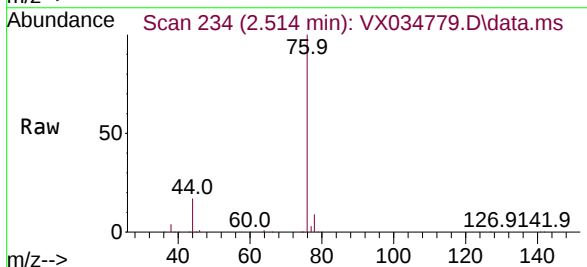
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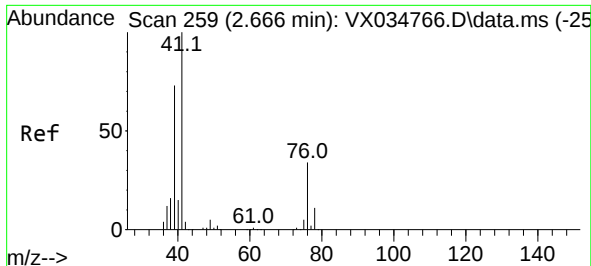
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#16
Carbon Disulfide
Concen: 19.683 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

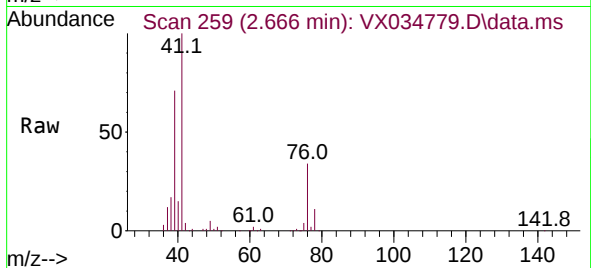
Tgt Ion: 76 Resp: 142006
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6





#17
 Allyl chloride
 Concen: 20.221 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX034779.D
 Acq: 28 Mar 2023 09:06

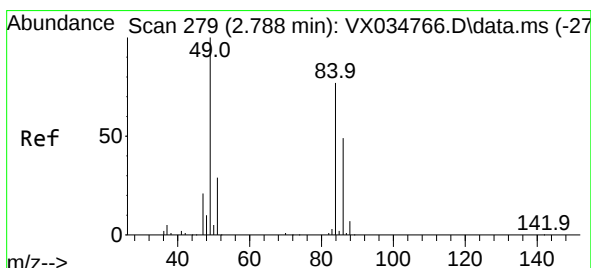
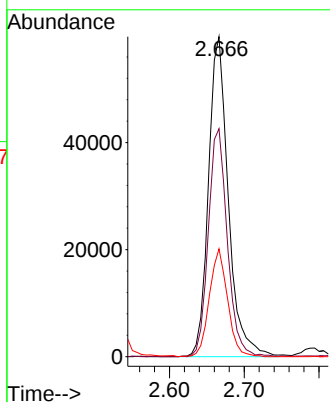
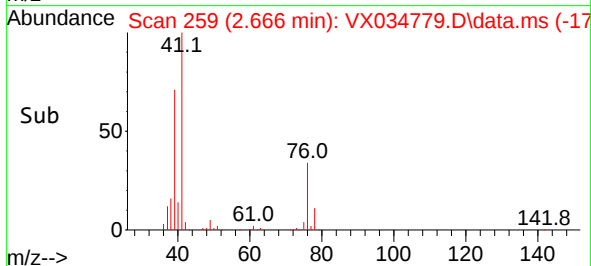
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 41 Resp: 110360
 Ion Ratio Lower Upper
 41 100
 39 71.2 36.4 109.3
 76 33.7 17.0 51.0

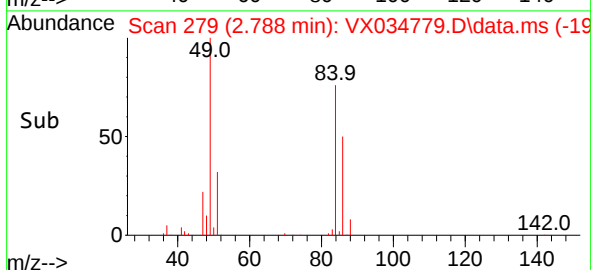
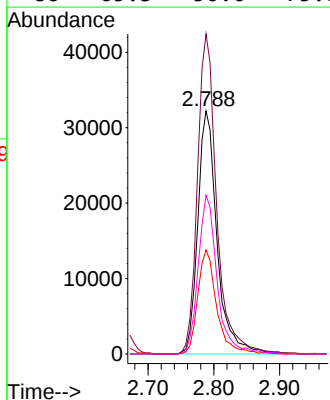
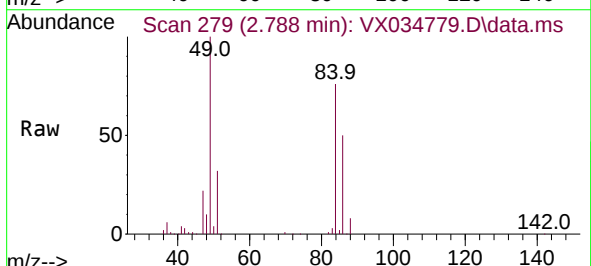
Manual Integrations
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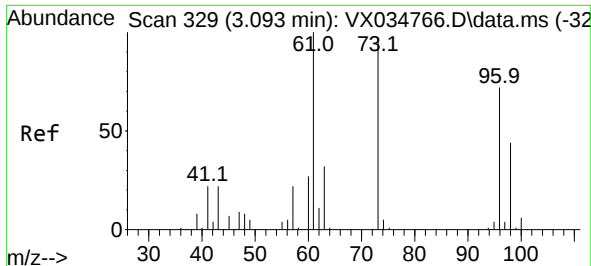
Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023



#18
 Methylene Chloride
 Concen: 19.794 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX034779.D
 Acq: 28 Mar 2023 09:06

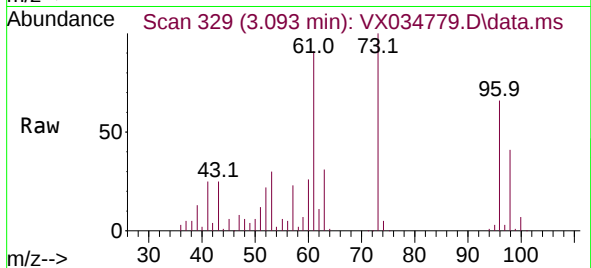
Tgt Ion: 84 Resp: 65766
 Ion Ratio Lower Upper
 84 100
 49 131.7 103.9 155.9
 51 42.8 30.6 45.8
 86 65.3 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 20.439 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

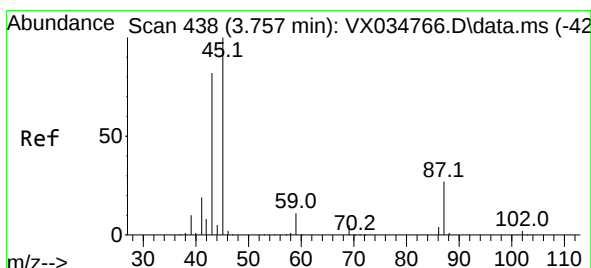
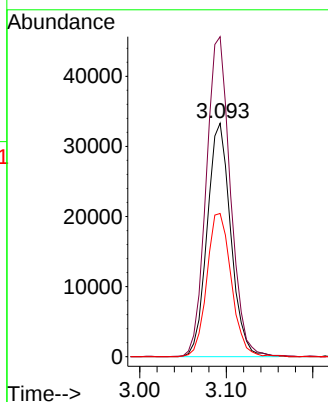
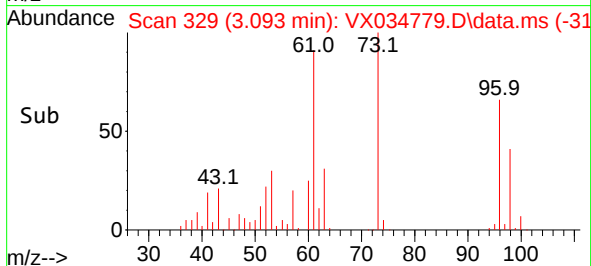
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



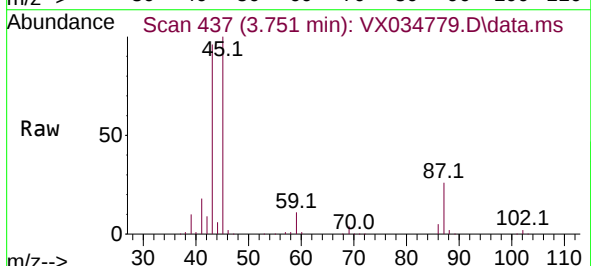
Tgt Ion: 96 Resp: 6308
Ion Ratio Lower Upper
96 100
61 136.9 111.1 166.7
98 61.4 48.6 72.8

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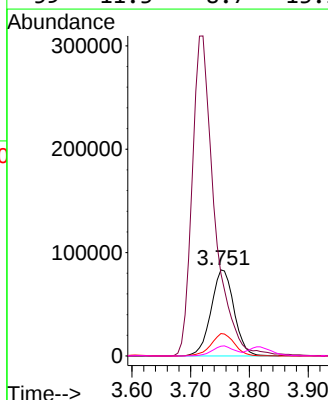
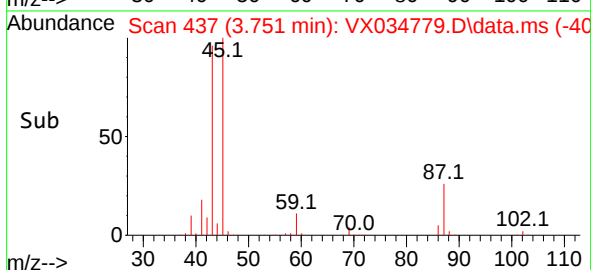
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

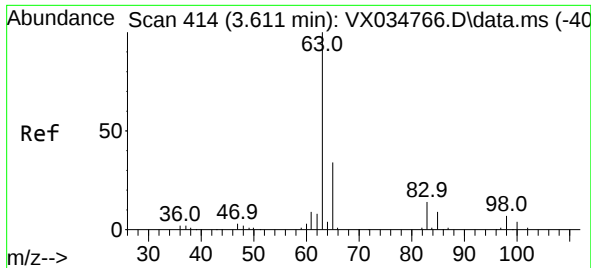


#20
Diisopropyl ether
Concen: 20.242 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06



Tgt Ion: 45 Resp: 226338
Ion Ratio Lower Upper
45 100
43 93.2 66.0 99.0
87 26.1 21.8 32.6
59 11.3 8.7 13.1





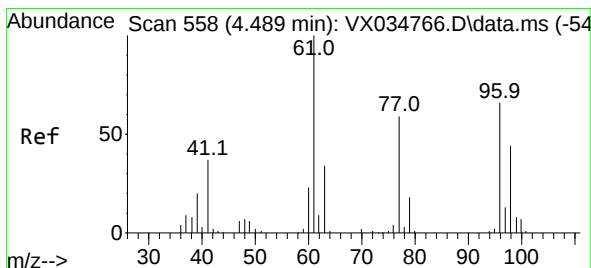
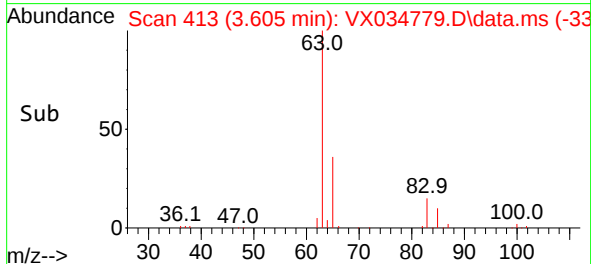
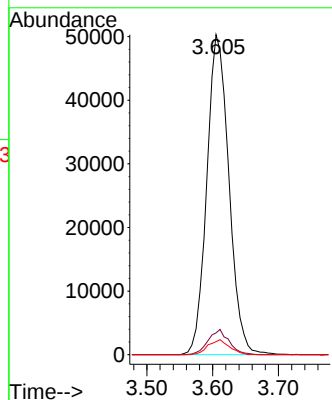
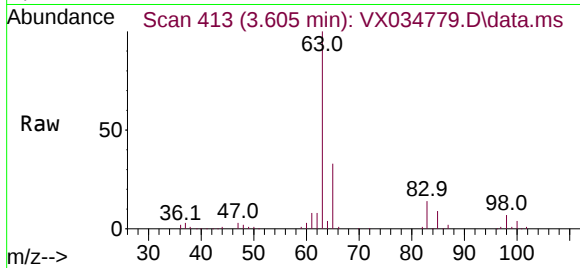
#21
1,1-Dichloroethane
Concen: 19.712 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 11785
Ion Ratio Lower Upper
63 100
98 6.8 3.5 10.6
100 4.0 2.2 6.6

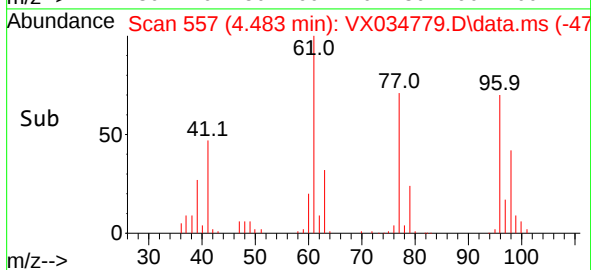
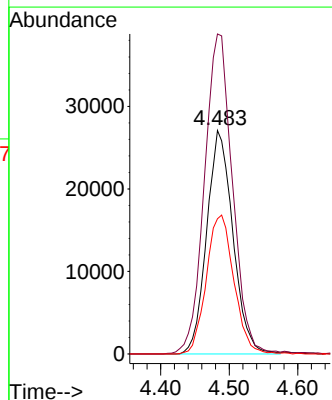
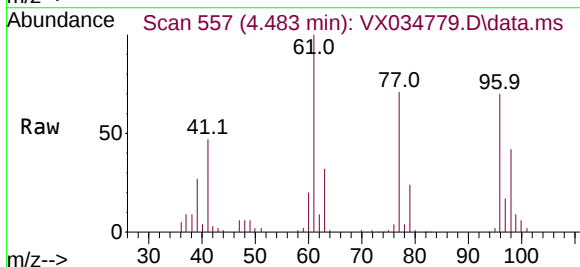
Manual Integrations
APPROVED

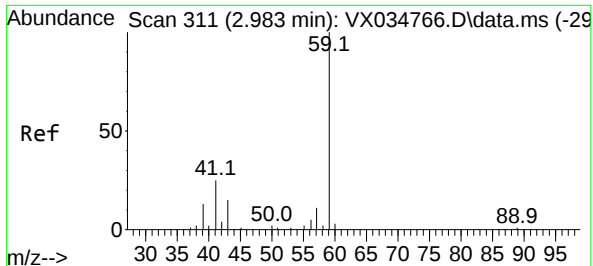
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#22
cis-1,2-Dichloroethene
Concen: 20.050 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion: 96 Resp: 72074
Ion Ratio Lower Upper
96 100
61 152.3 121.7 182.5
98 65.1 52.2 78.2





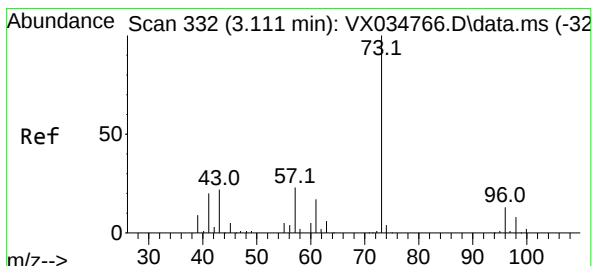
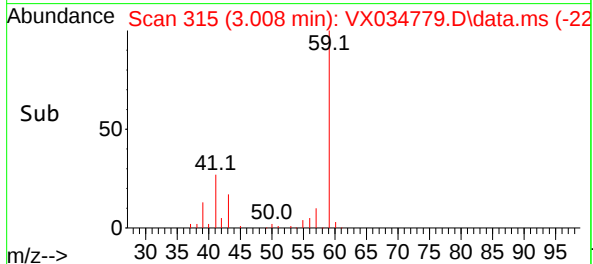
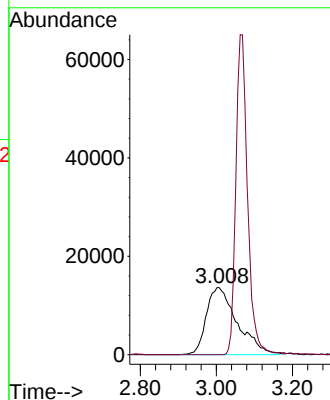
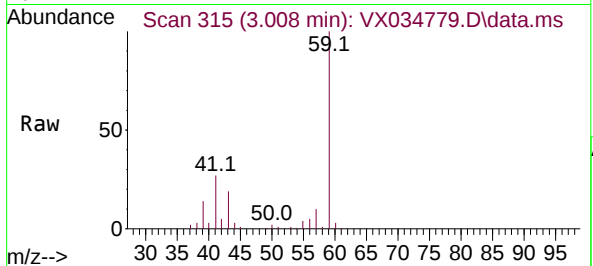
#23
tert-Butyl Alcohol
Concen: 99.440 ug/l m
RT: 3.008 min Scan# 311
Delta R.T. 0.024 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 76954
Ion Ratio Lower Upper
59 100
52 181.0 0.2 0.4

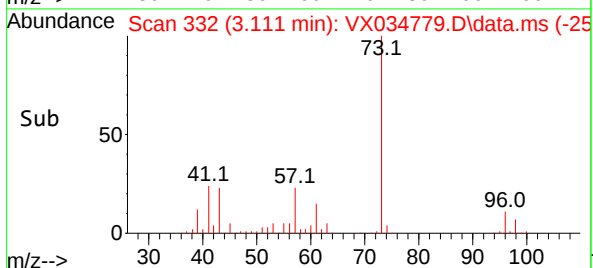
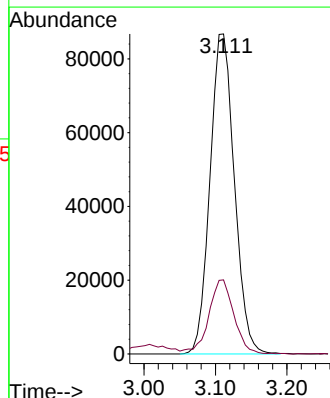
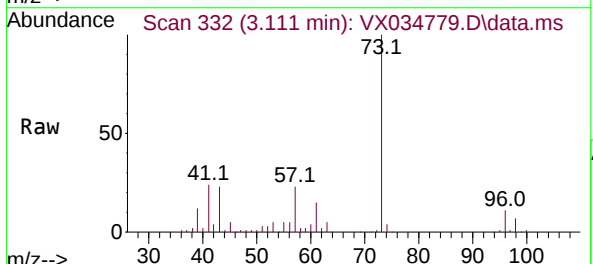
Manual Integrations
APPROVED

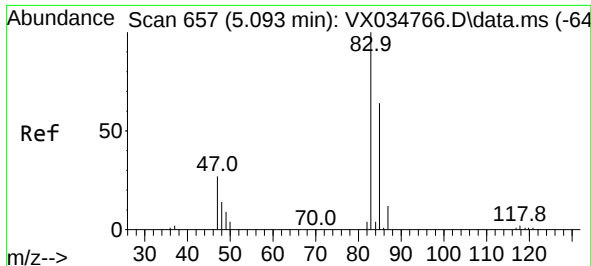
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#24
Methyl tert-Butyl Ether
Concen: 19.610 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion: 73 Resp: 205537
Ion Ratio Lower Upper
73 100
43 23.1 17.9 26.9





#25

Chloroform

Concen: 19.734 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 120009

Ion Ratio Lower Upper

83 100

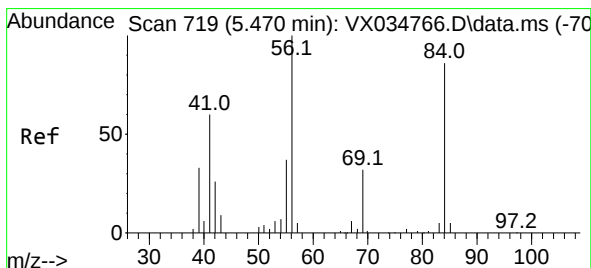
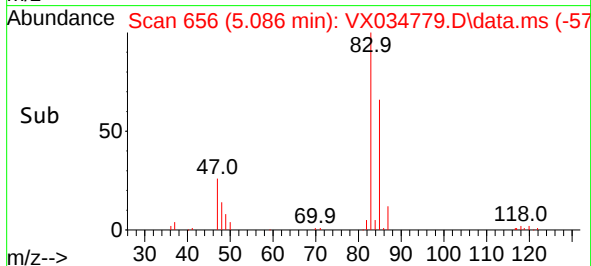
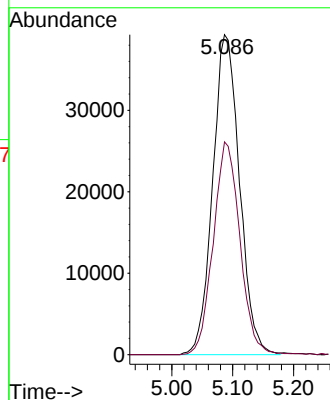
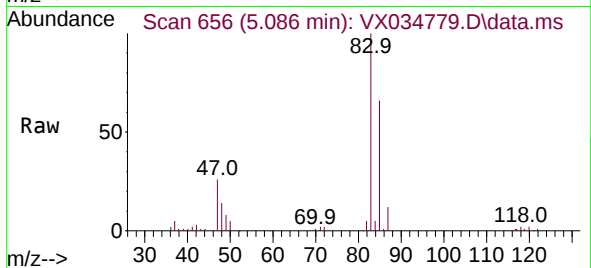
85 66.5 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#26

Cyclohexane

Concen: 20.827 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

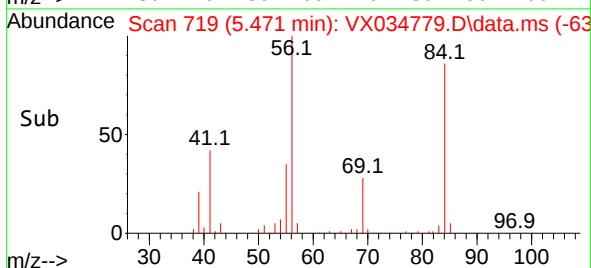
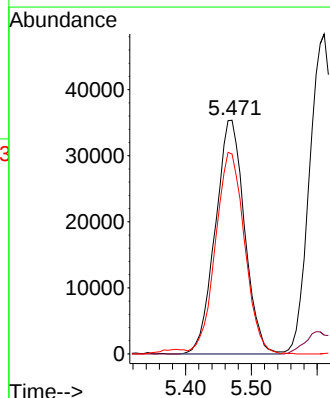
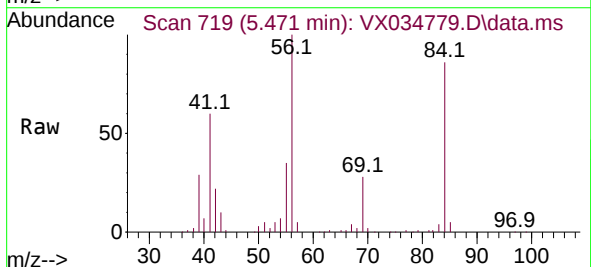
Tgt Ion: 56 Resp: 109121

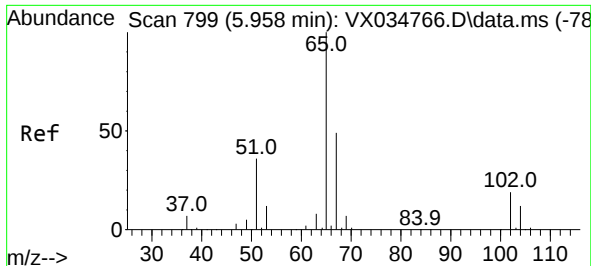
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.3 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 30.292 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 8270

Ion Ratio Lower Upper

65 100

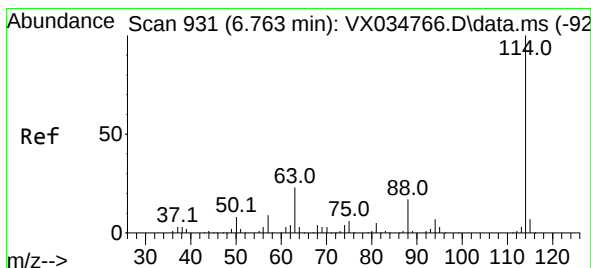
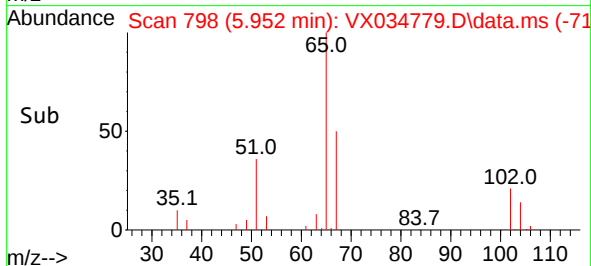
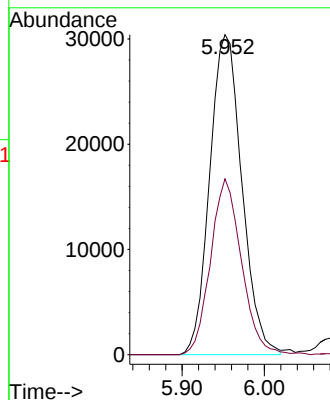
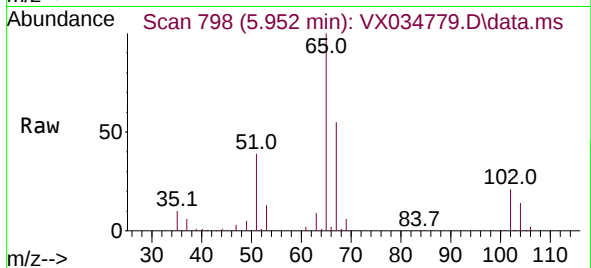
67 52.7 40.9 61.3

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: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

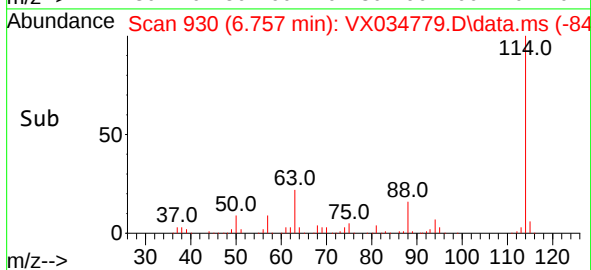
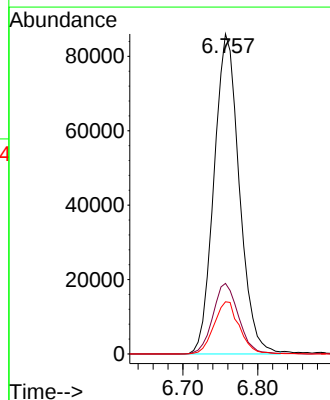
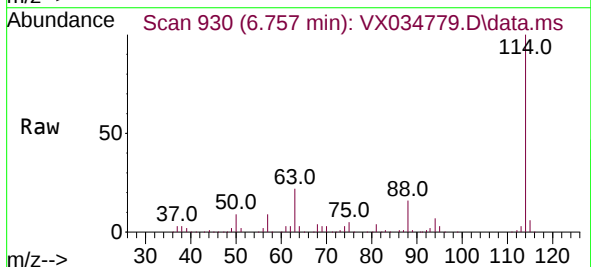
Tgt Ion:114 Resp: 202544

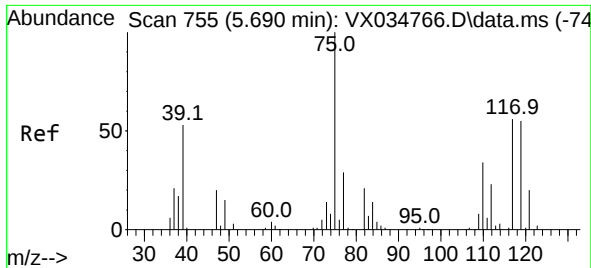
Ion Ratio Lower Upper

114 100

63 22.3 18.0 27.0

88 16.3 13.3 19.9





#29
1,1-Dichloropropene
Concen: 19.774 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :

MSVOA_X

ClientSampleId :

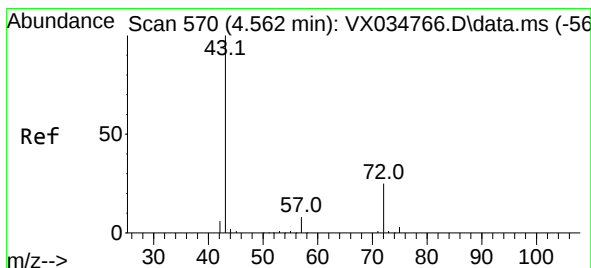
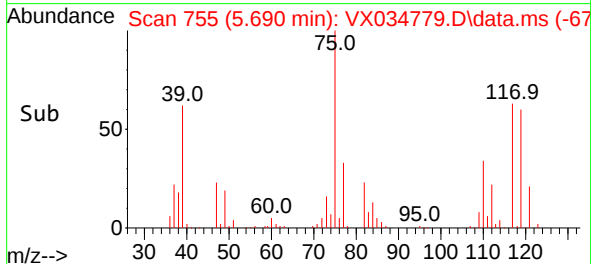
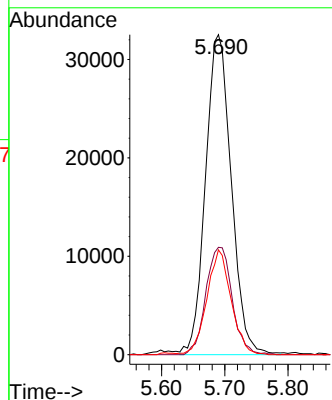
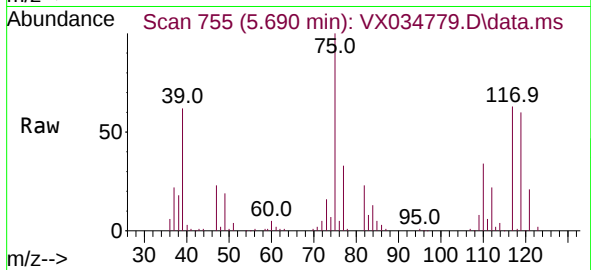
VSTDCCC020

Tgt Ion: 75 Resp: 92118
Ion Ratio Lower Upper
75 100
110 34.0 0.0 71.4
77 30.7 0.0 61.6

Manual Integrations

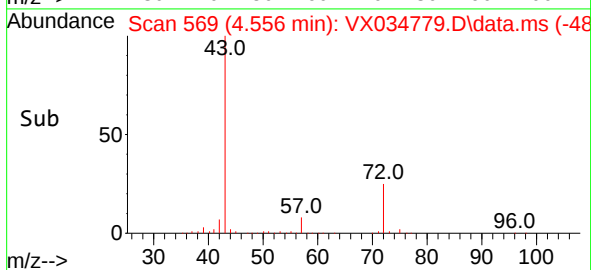
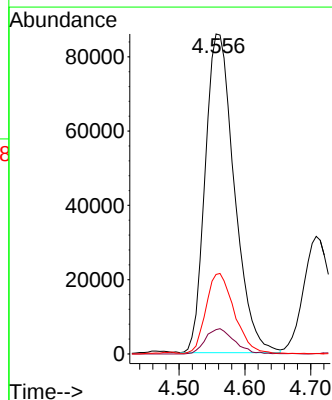
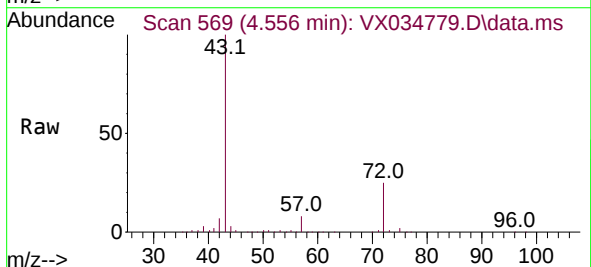
APPROVED

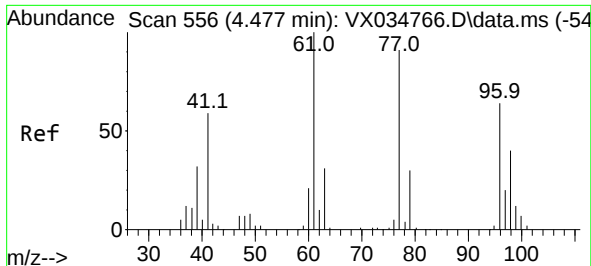
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#30
2-Butanone
Concen: 101.619 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion: 43 Resp: 264002
Ion Ratio Lower Upper
43 100
57 7.7 6.3 9.5
72 24.9 19.6 29.4





#31

2,2-Dichloropropane

Concen: 20.598 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 9731

Ion Ratio Lower Upper

77 100

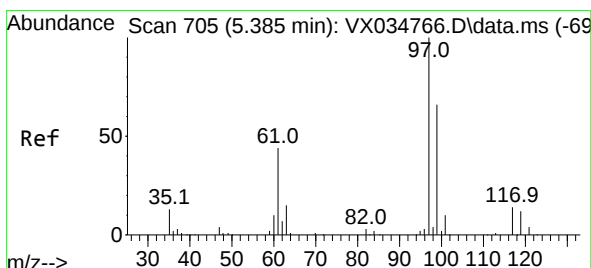
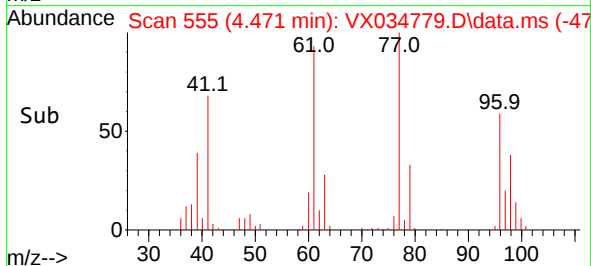
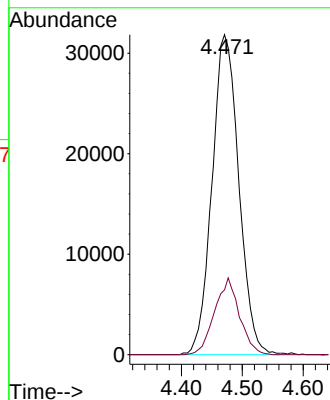
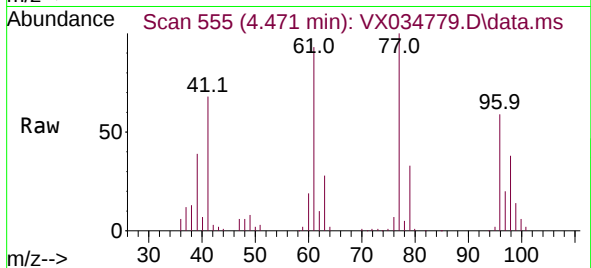
97 22.2 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#32

1,1,1-Trichloroethane

Concen: 18.933 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

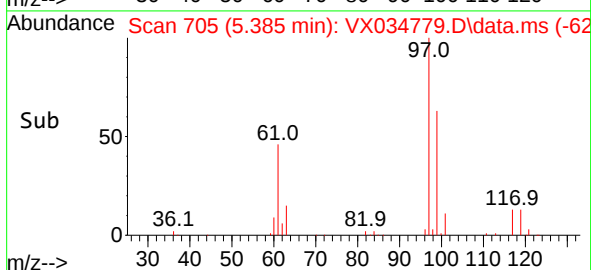
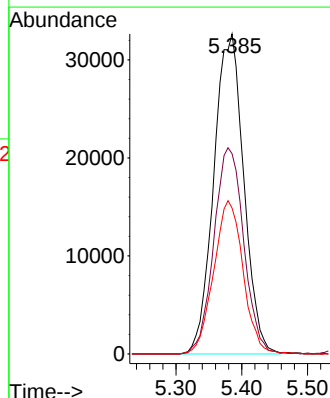
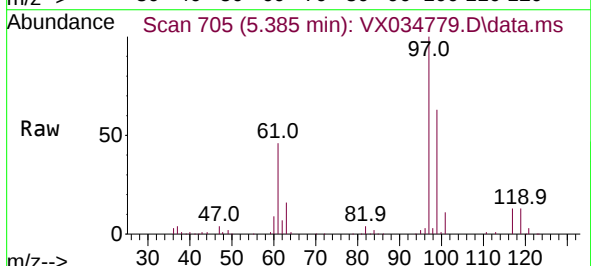
Tgt Ion: 97 Resp: 103467

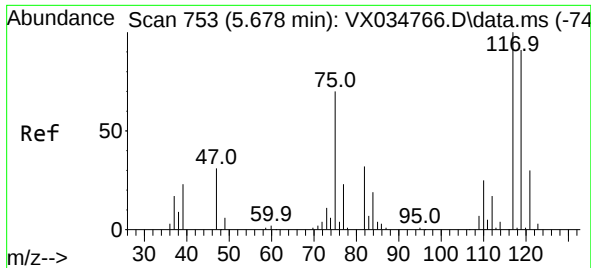
Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

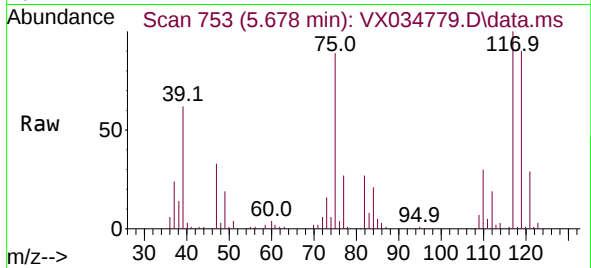
61 46.9 36.6 55.0





#33
Carbon Tetrachloride
Concen: 19.191 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

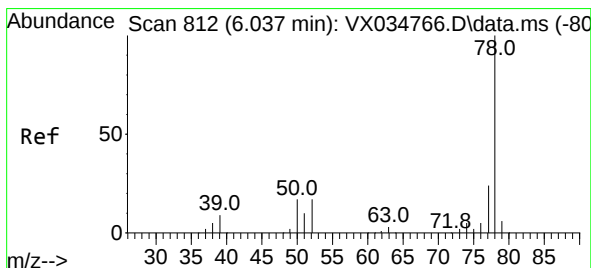
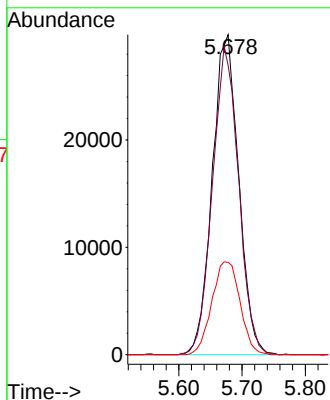
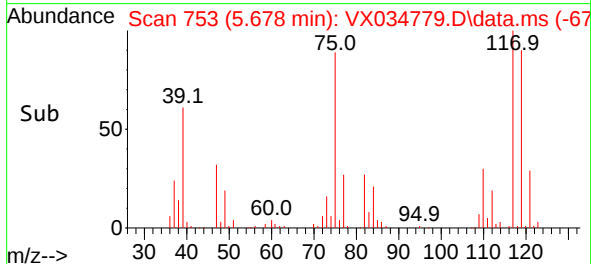
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 86560
Ion Ratio Lower Upper
117 100
119 90.5 73.3 109.9
121 28.8 24.0 36.0

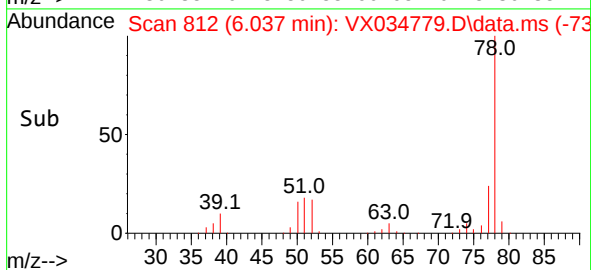
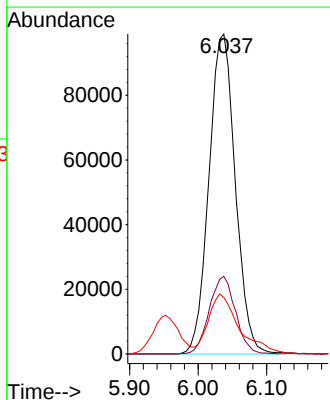
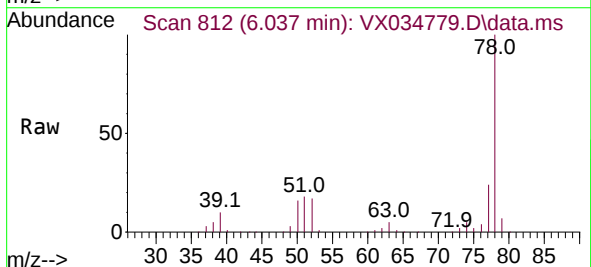
Manual Integrations
APPROVED

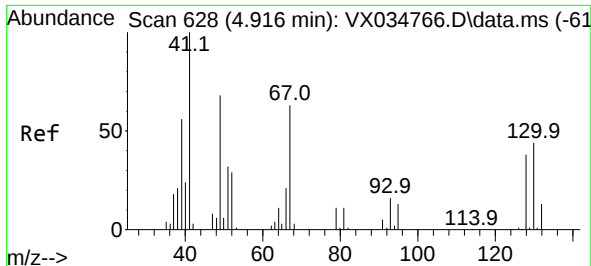
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#34
Benzene
Concen: 19.546 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion: 78 Resp: 264613
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4
51 16.8 14.6 21.8





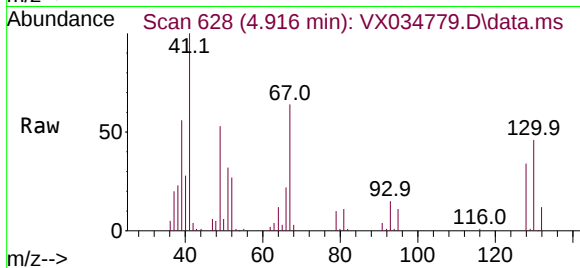
#35
Methacrylonitrile
Concen: 18.075 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



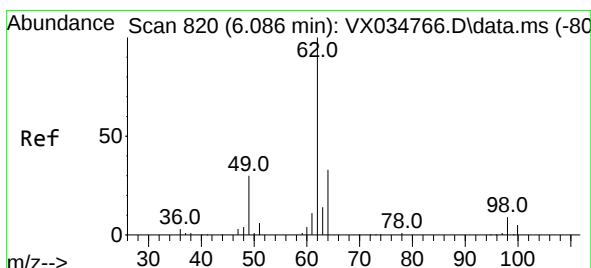
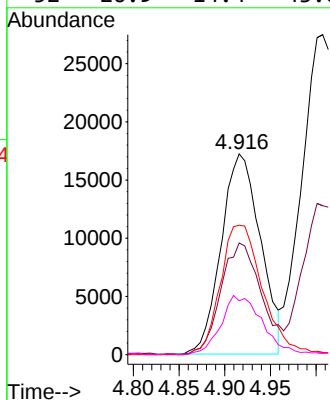
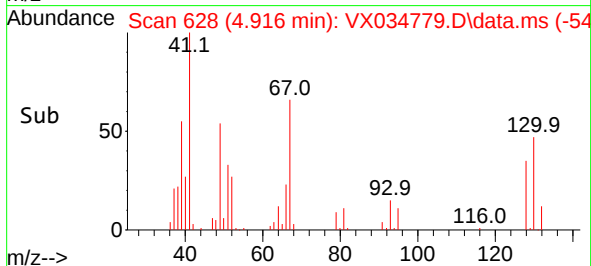
Tgt Ion:	41	Resp:	5139
Ion	Ratio	Lower	Upper
41	100		
39	55.8	28.0	84.0
67	64.6	31.6	94.7
52	26.9	14.4	43.0

Manual Integrations

APPROVED

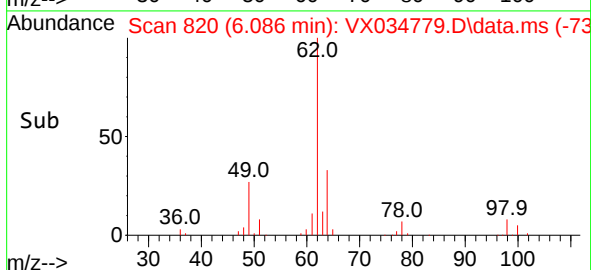
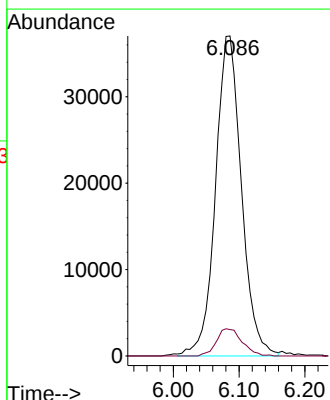
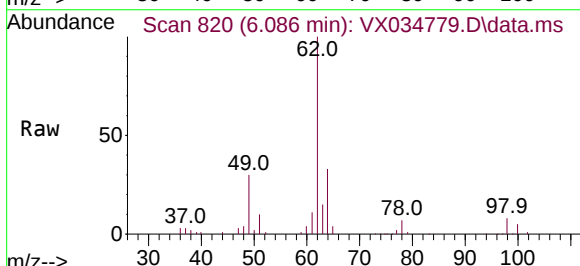
Reviewed By :Krupa Patel 03/29/2023

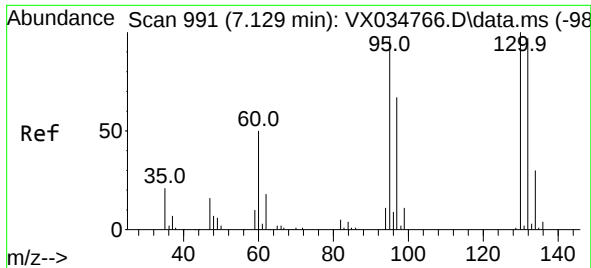
Supervised By :Semsettin Yesilyurt 03/29/2023



#36
1,2-Dichloroethane
Concen: 19.150 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

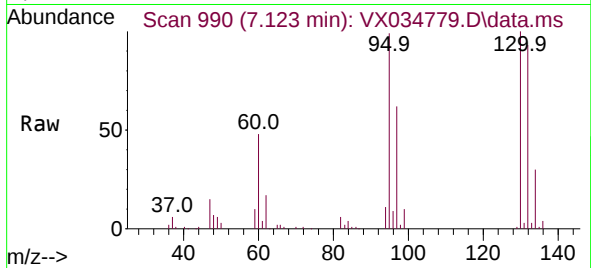
Tgt Ion:	62	Resp:	101647
Ion	Ratio	Lower	Upper
62	100		
98	8.4	7.0	10.6





#37
Trichloroethene
Concen: 19.860 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

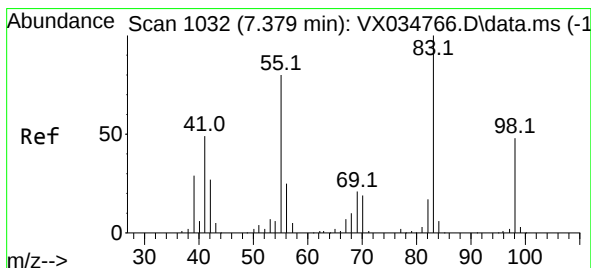
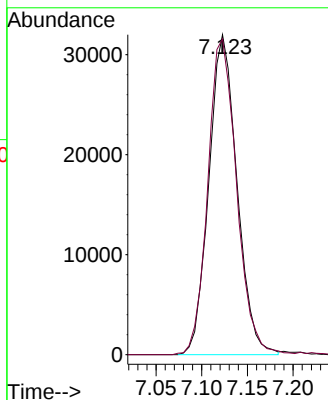
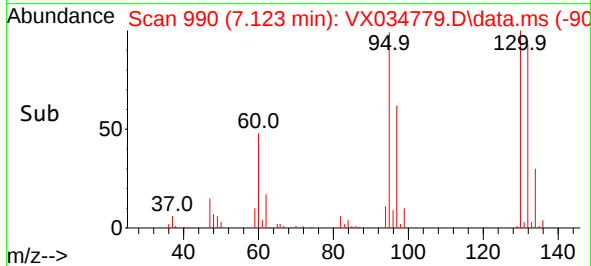
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



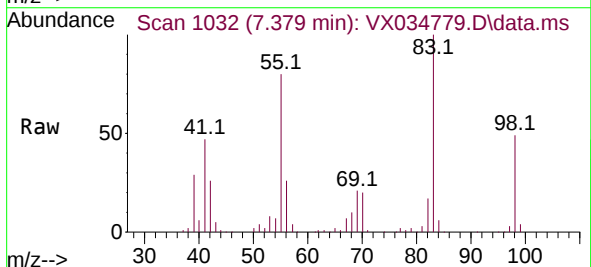
Tgt Ion:130 Resp: 68425
Ion Ratio Lower Upper
130 100
95 98.2 77.8 116.6

Manual Integrations
APPROVED

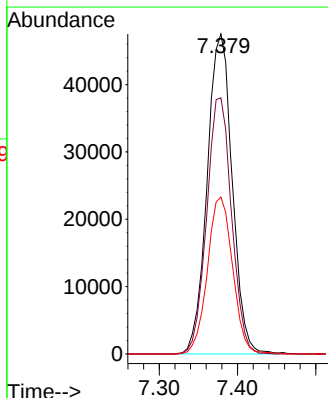
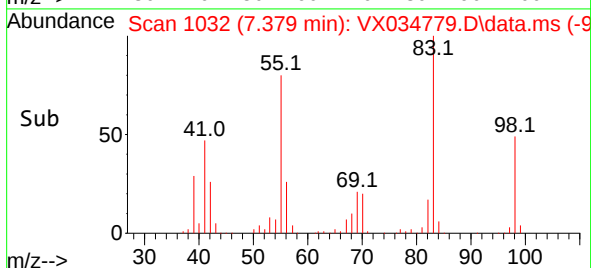
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

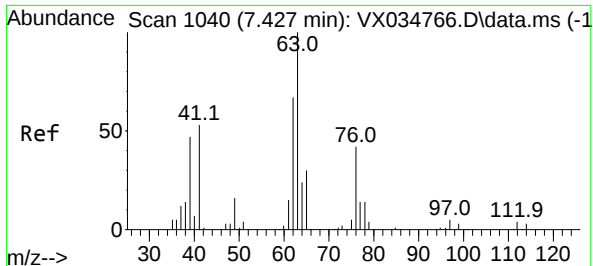


#38
Methylcyclohexane
Concen: 20.757 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06



Tgt Ion: 83 Resp: 105646
Ion Ratio Lower Upper
83 100
55 79.4 38.8 116.4
98 49.4 23.8 71.2





#39

1,2-Dichloropropane

Concen: 19.406 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 6828

Ion Ratio Lower Upper

63 100

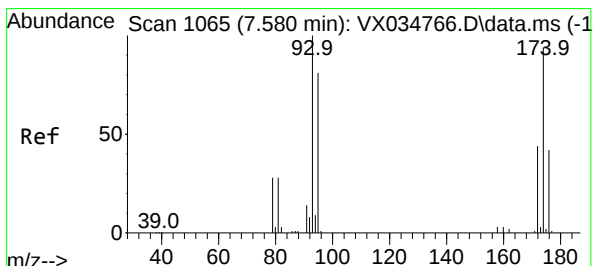
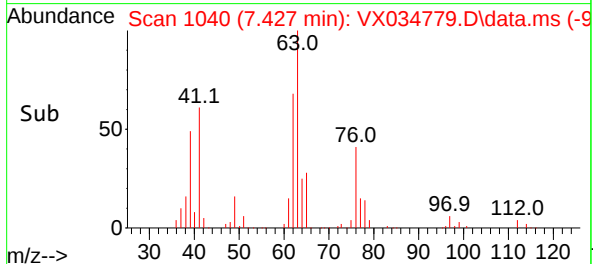
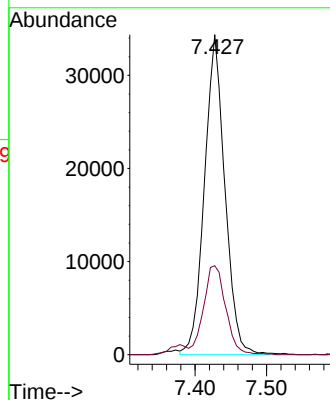
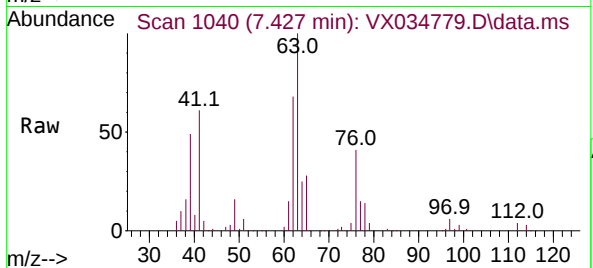
65 27.9 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#40

Dibromomethane

Concen: 19.287 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

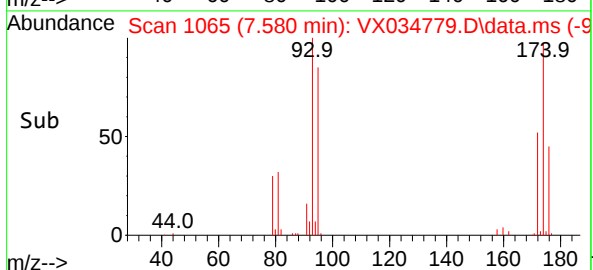
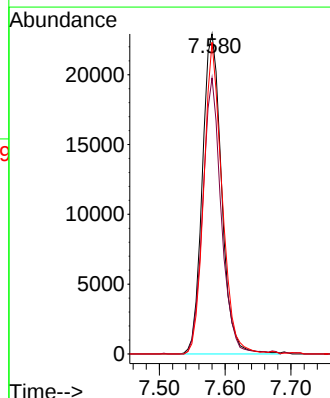
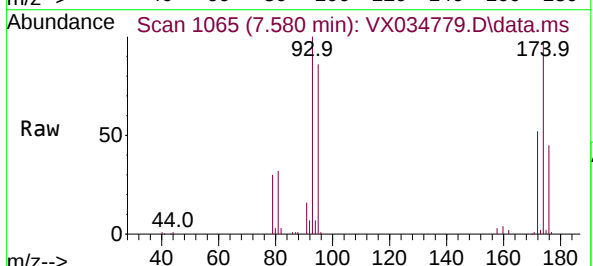
Tgt Ion: 93 Resp: 46621

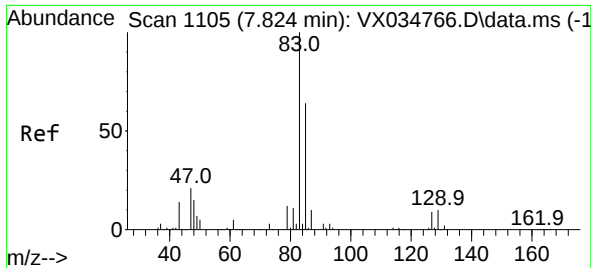
Ion Ratio Lower Upper

93 100

95 83.0 0.0 165.8

174 92.3 0.0 188.8





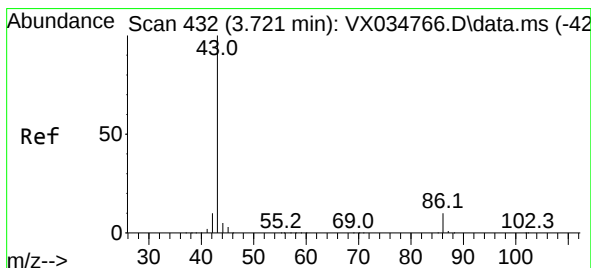
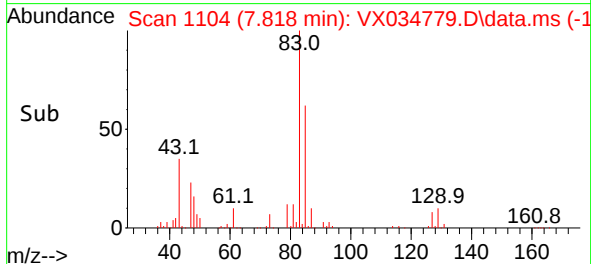
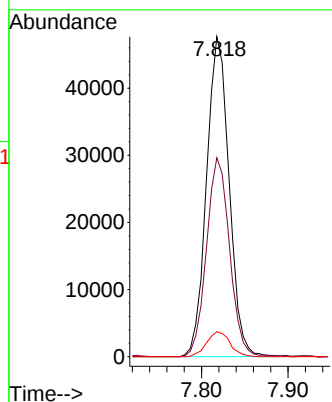
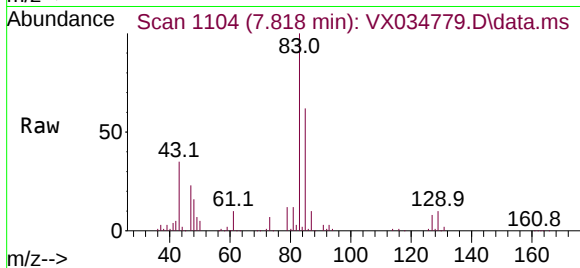
#41
Bromodichloromethane
Concen: 18.988 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 86450
Ion Ratio Lower Upper
83 100
85 62.2 51.1 76.7
127 7.8 8.2 12.4

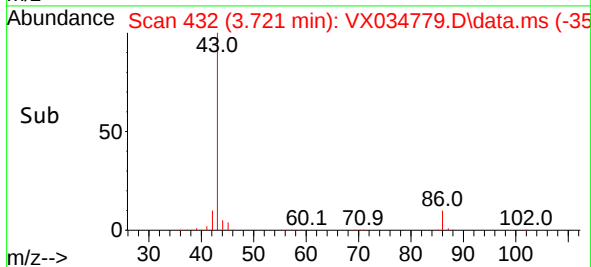
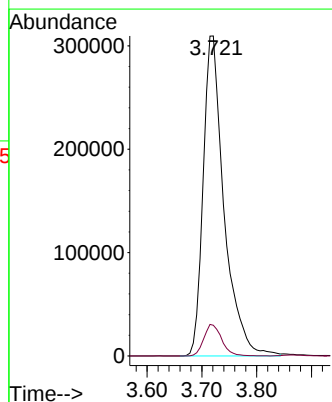
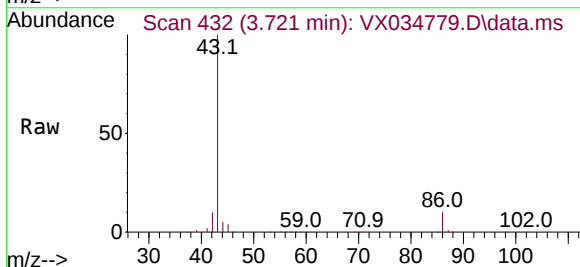
Manual Integrations
APPROVED

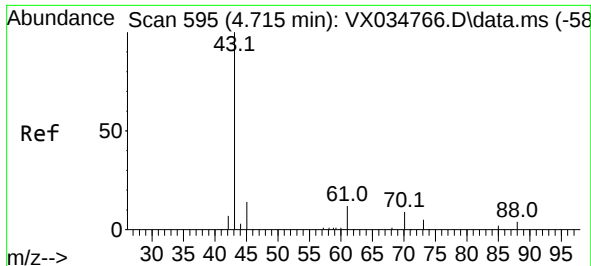
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#42
Vinyl Acetate
Concen: 96.535 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion: 43 Resp: 818183
Ion Ratio Lower Upper
43 100
86 8.5 6.9 10.3





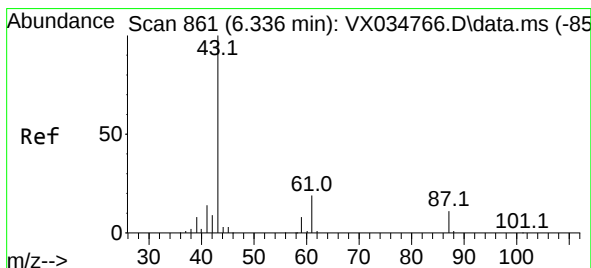
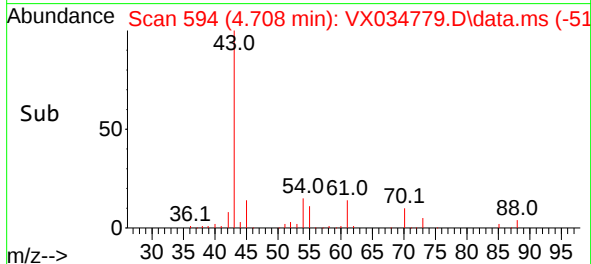
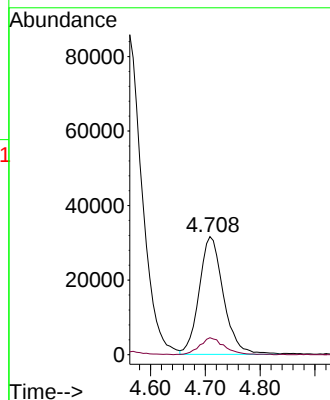
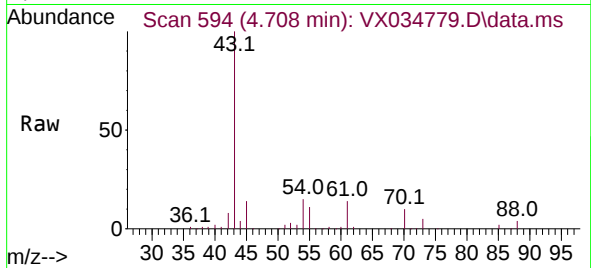
#43
Ethyl Acetate
Concen: 19.230 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 96894
Ion Ratio Lower Upper
43 100
45 14.5 12.0 18.0

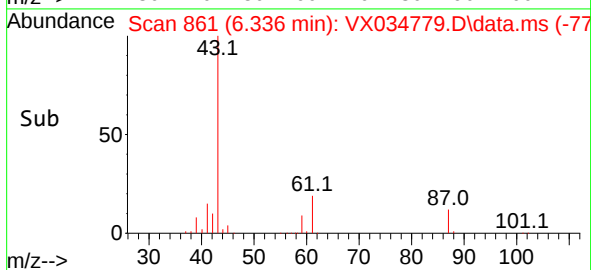
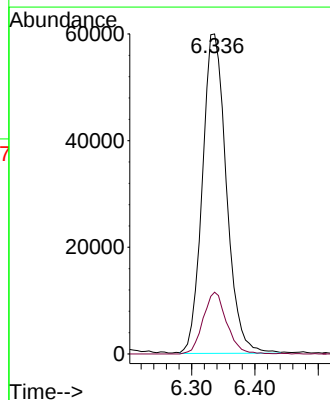
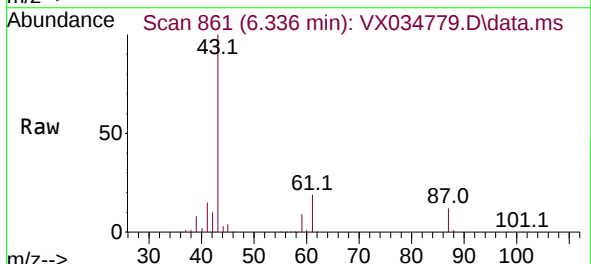
Manual Integrations
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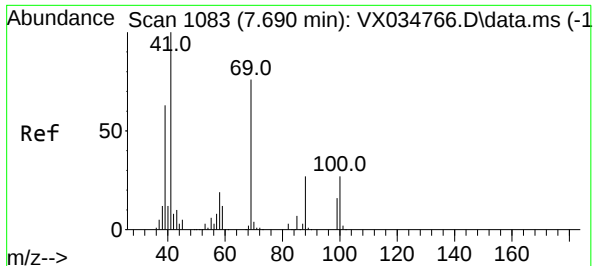
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#44
Isopropyl Acetate
Concen: 18.548 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion: 43 Resp: 158204
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.0





#45

1,4-Dioxane

Concen: 400.690 ug/l

RT: 7.714 min Scan# 1087

Delta R.T. 0.024 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 88 Resp: 33860

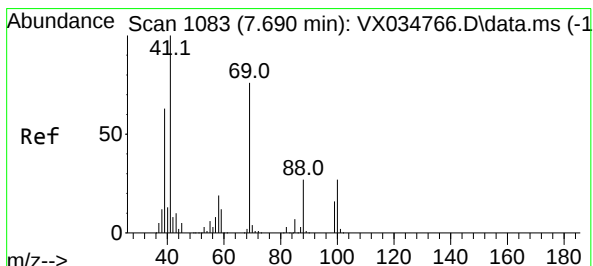
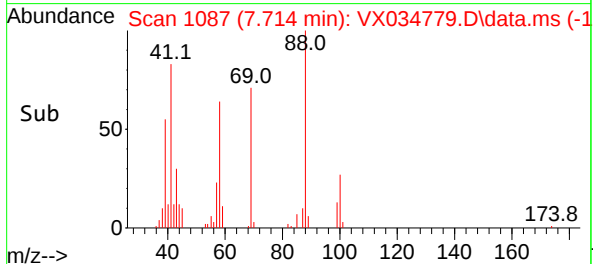
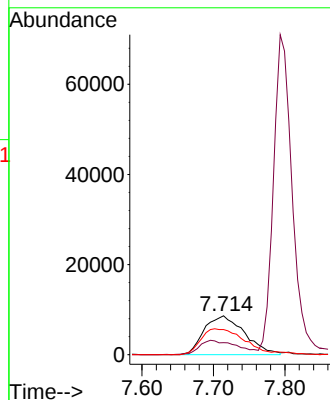
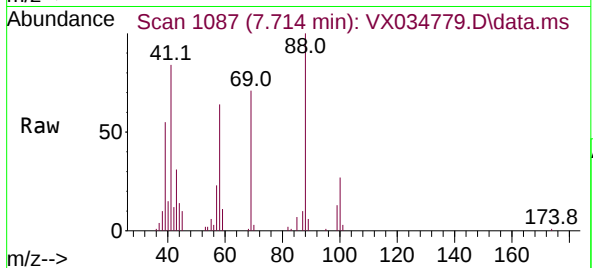
Ion	Ratio	Lower	Upper
88	100		
43	18.1	26.5	39.7
58	70.0	55.6	83.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#46

Methyl methacrylate

Concen: 18.607 ug/l

RT: 7.690 min Scan# 1083

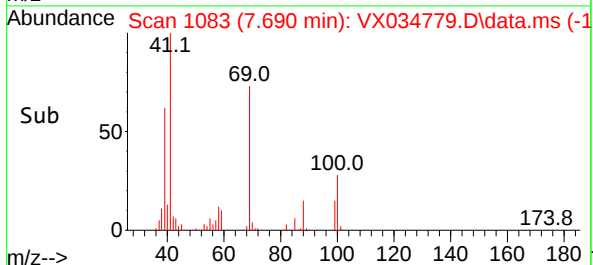
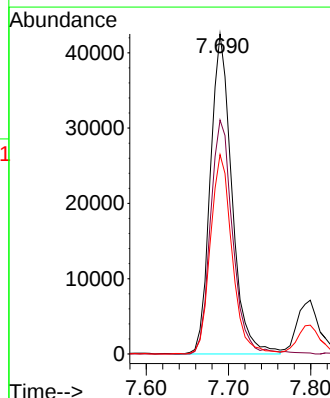
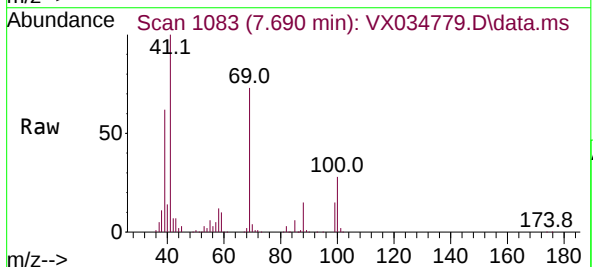
Delta R.T. 0.000 min

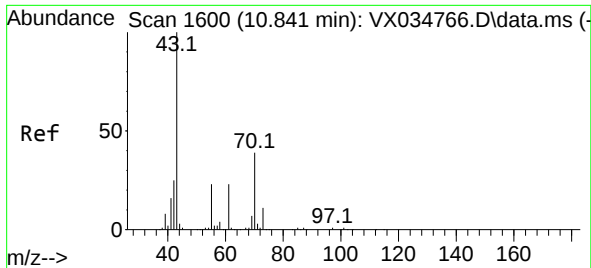
Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Tgt Ion: 41 Resp: 77329

Ion	Ratio	Lower	Upper
41	100		
69	73.1	38.1	114.5
39	62.1	31.4	94.3





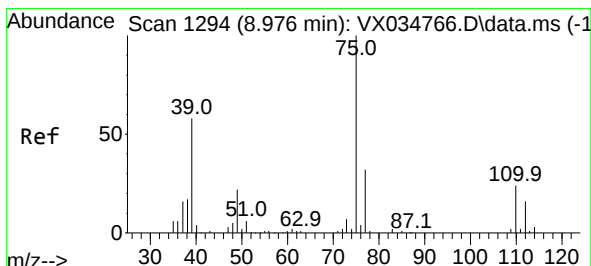
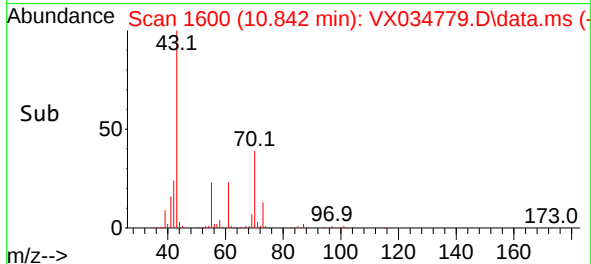
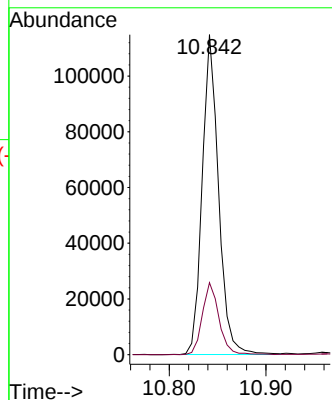
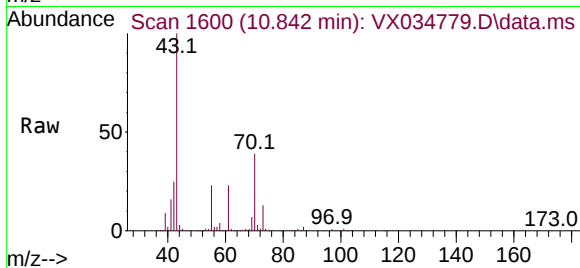
#47
n-amy1 Acetate
Concen: 18.235 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 13522
Ion Ratio Lower Upper
43 100
55 22.9 18.6 28.0

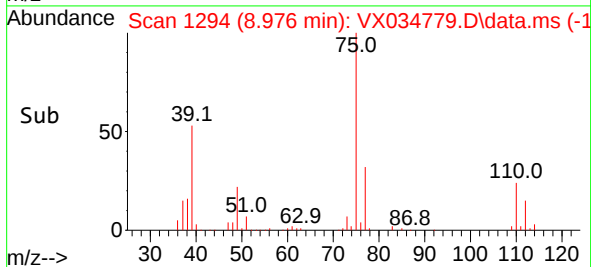
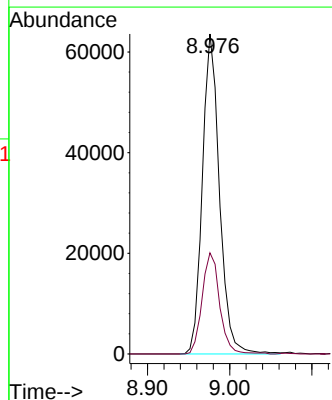
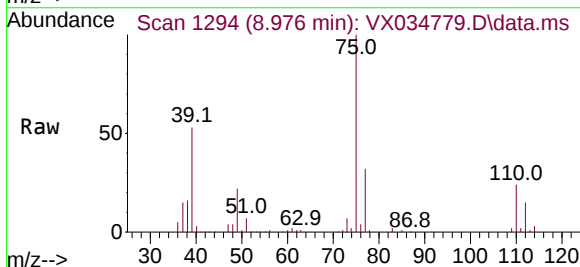
Manual Integrations
APPROVED

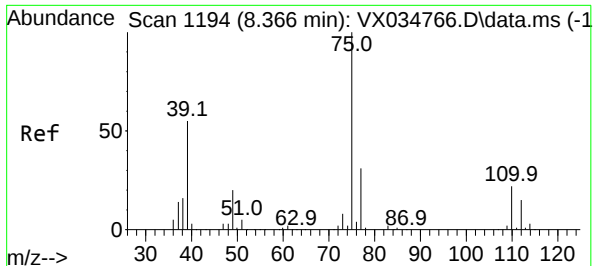
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#48
t-1,3-Dichloropropene
Concen: 18.530 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion: 75 Resp: 91926
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 19.297 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 105174

Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

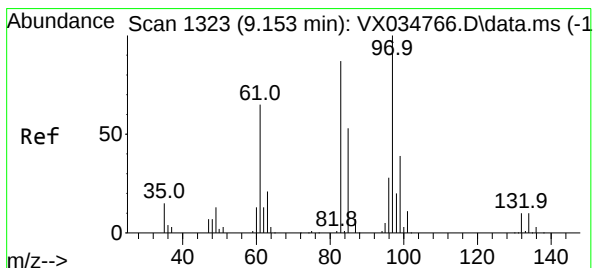
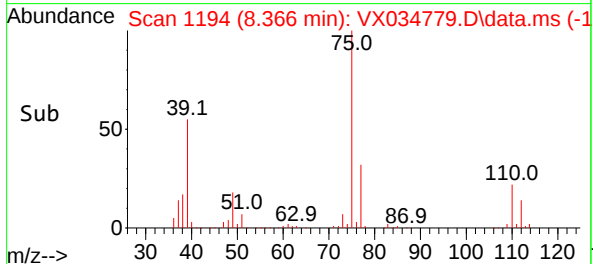
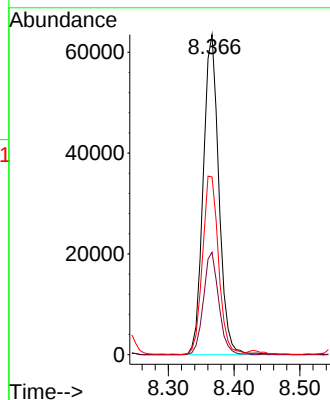
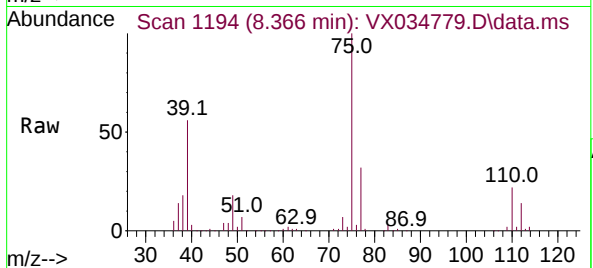
39 55.5 44.2 66.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#50

1,1,2-Trichloroethane

Concen: 19.085 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Tgt Ion: 97 Resp: 64271

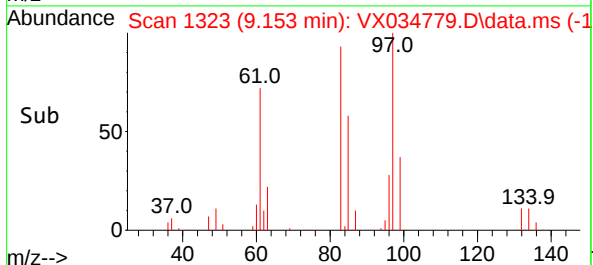
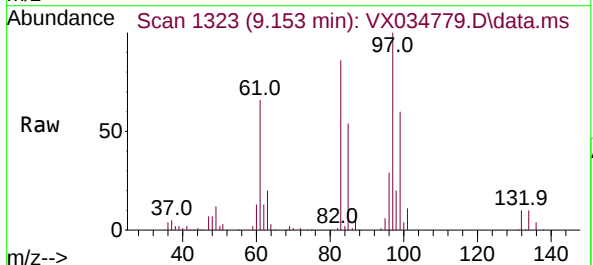
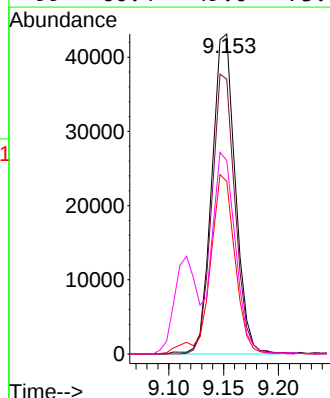
Ion Ratio Lower Upper

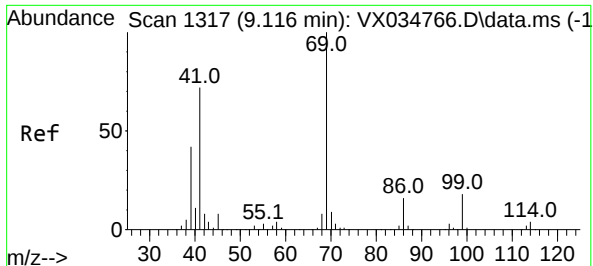
97 100

83 86.3 68.9 103.3

85 53.8 44.0 66.0

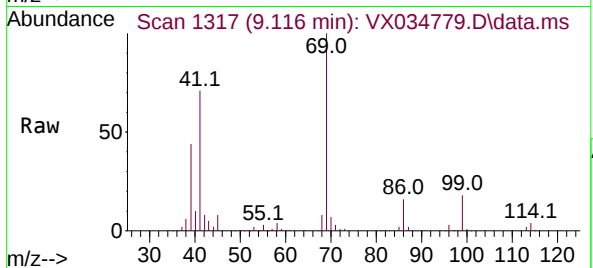
99 60.4 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.493 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

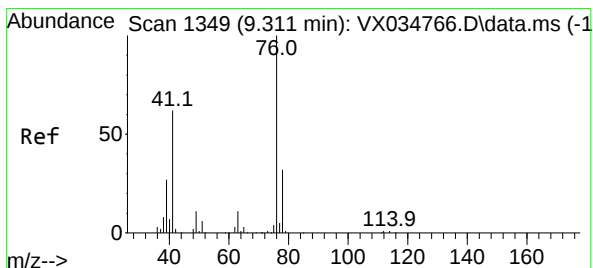
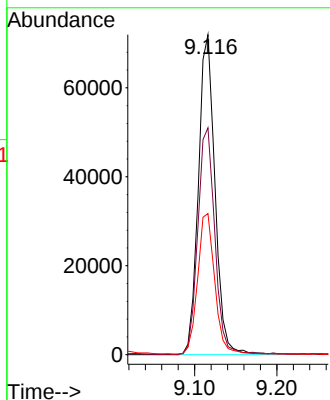
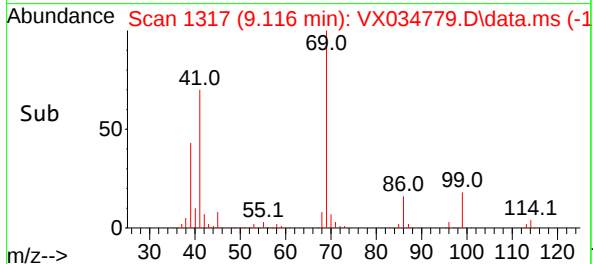
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



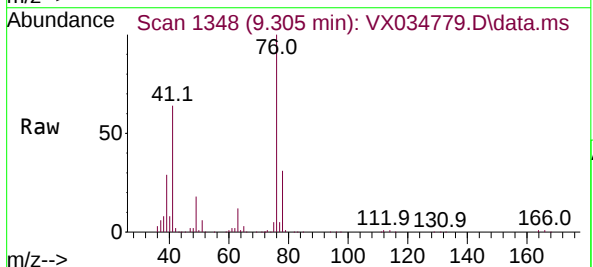
Tgt Ion: 69 Resp: 101080
Ion Ratio Lower Upper
69 100
41 70.9 36.2 108.6
39 43.9 21.2 63.6

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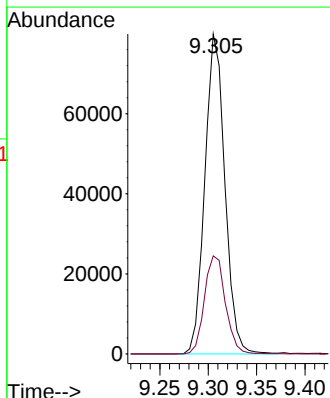
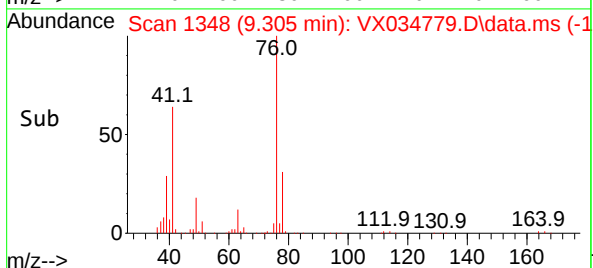
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

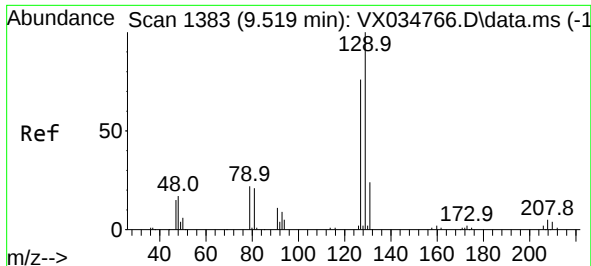


#52
1,3-Dichloropropane
Concen: 19.395 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06



Tgt Ion: 76 Resp: 115379
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.8





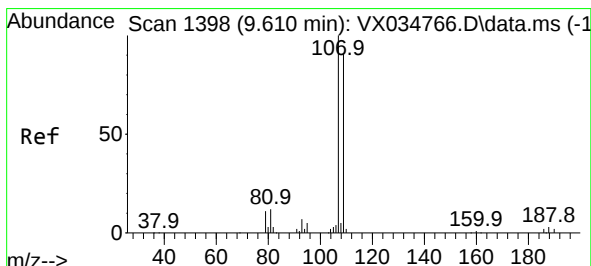
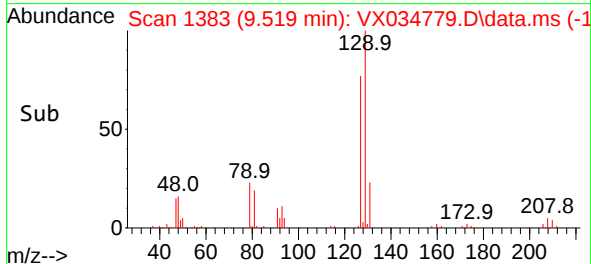
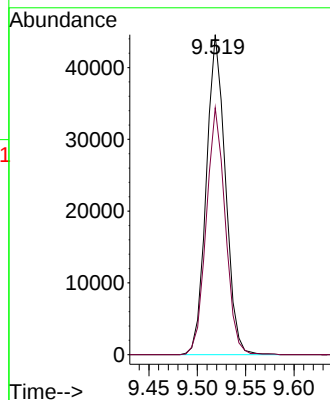
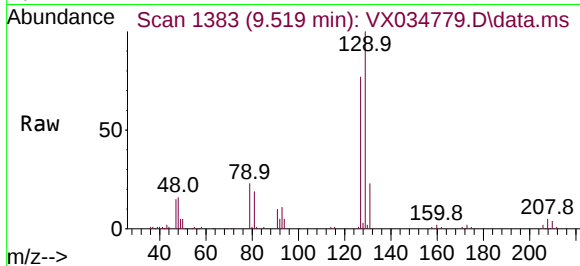
#53
Dibromochloromethane
Concen: 18.375 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 6121
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.5

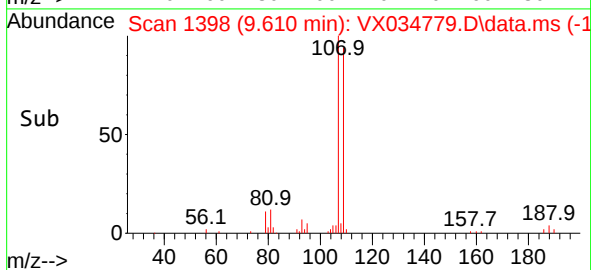
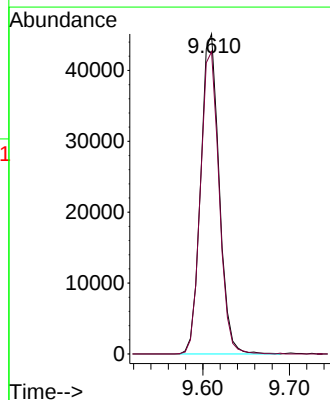
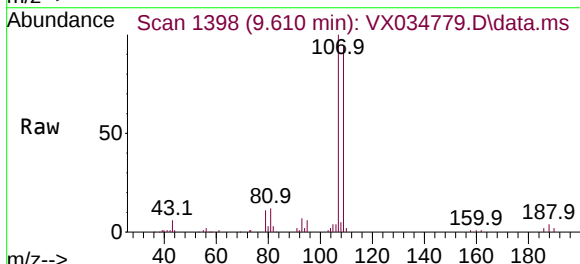
Manual Integrations
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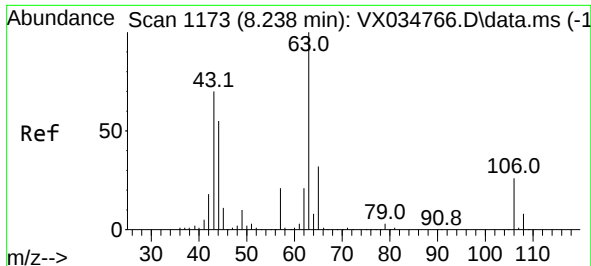
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#54
1,2-Dibromoethane
Concen: 18.548 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion:107 Resp: 66815
Ion Ratio Lower Upper
107 100
109 95.4 75.4 113.2





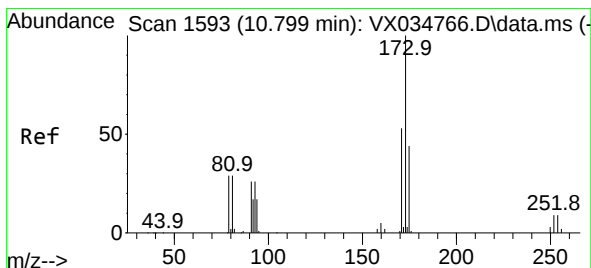
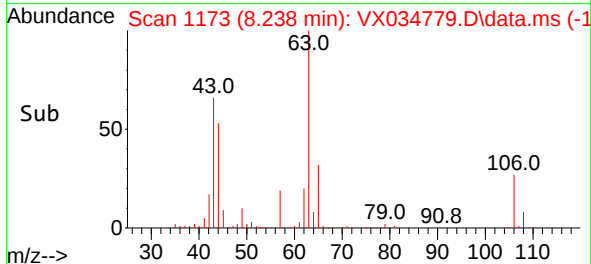
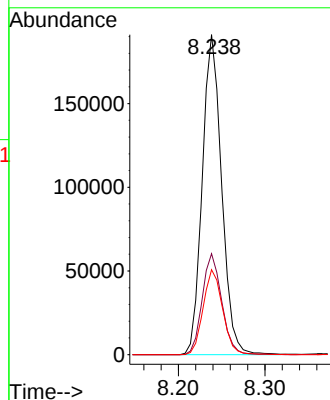
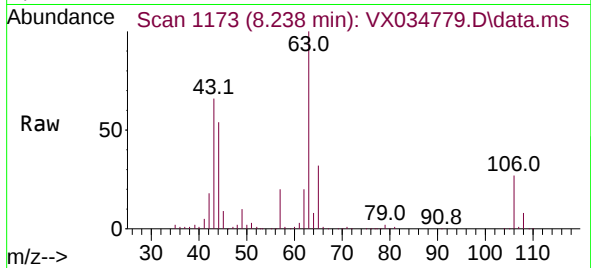
#55
2-Chloroethyl vinyl ether
Concen: 103.301 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 297132
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.2
106 26.6 21.6 32.4

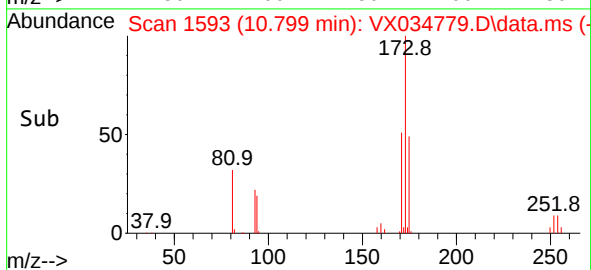
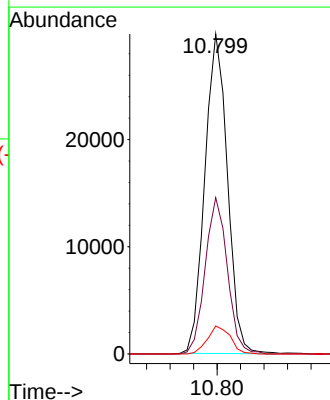
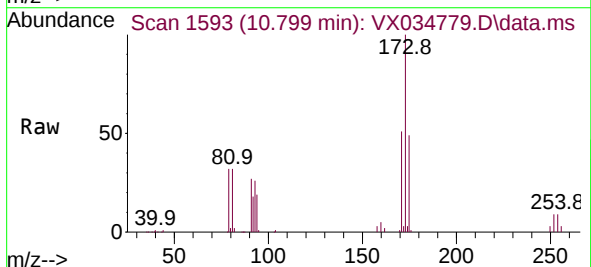
Manual Integrations
APPROVED

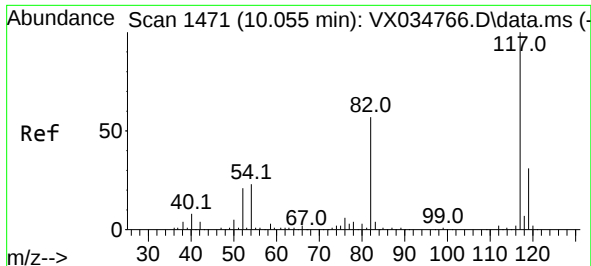
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#56
Bromoform
Concen: 17.337 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

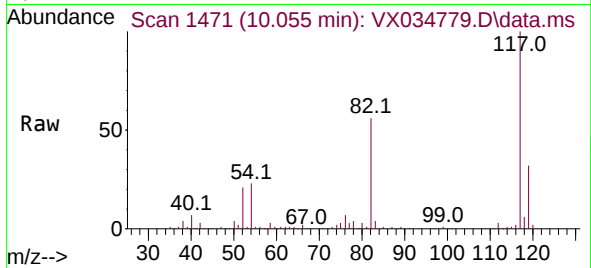
Tgt Ion:173 Resp: 39825
Ion Ratio Lower Upper
173 100
175 48.0 37.0 55.4
254 8.9 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

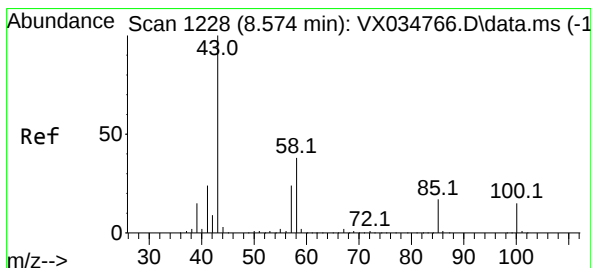
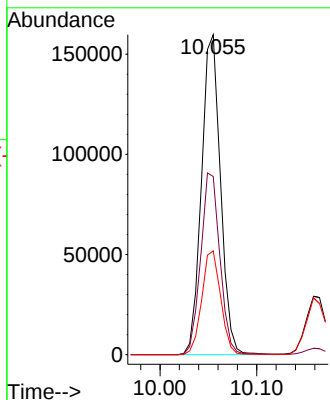
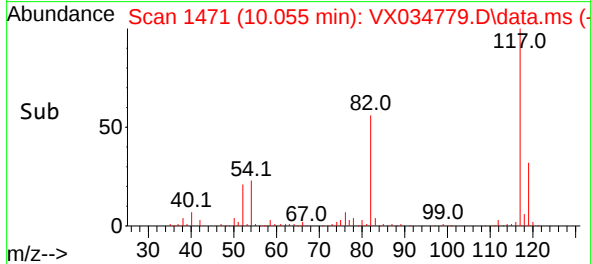
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 218840
Ion Ratio Lower Upper
117 100
82 57.4 45.8 68.8
119 32.4 25.4 38.0

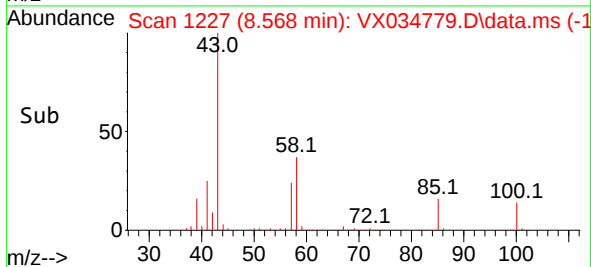
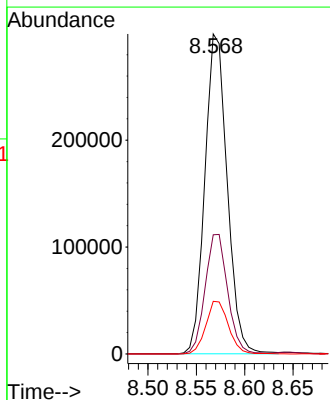
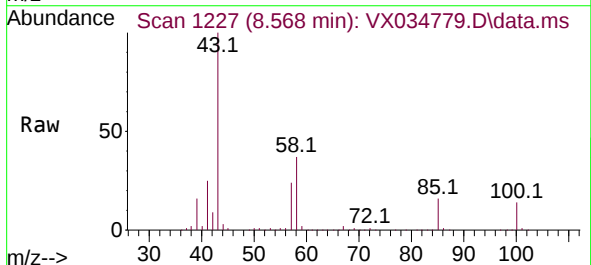
Manual Integrations
APPROVED

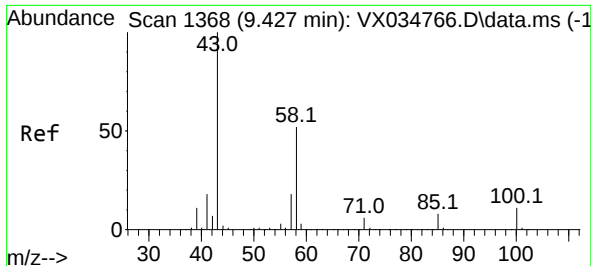
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#58
4-Methyl-2-Pentanone
Concen: 96.136 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion: 43 Resp: 482361
Ion Ratio Lower Upper
43 100
58 37.6 29.9 44.9
85 16.6 13.2 19.8





#59

2-Hexanone

Concen: 101.633 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 38394

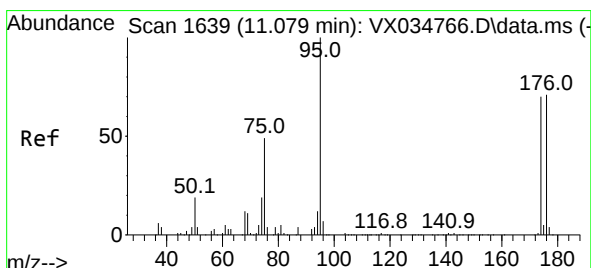
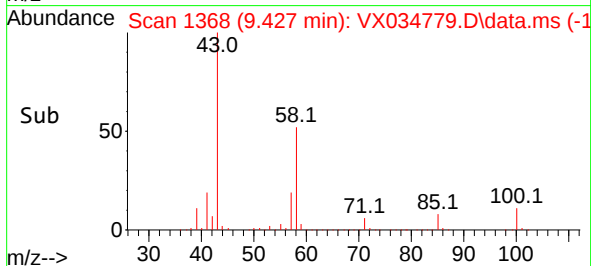
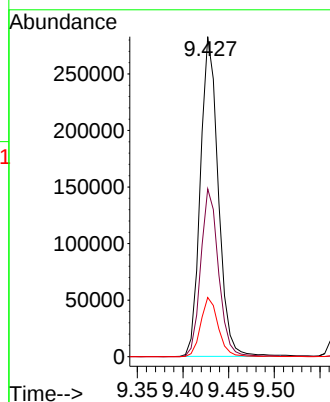
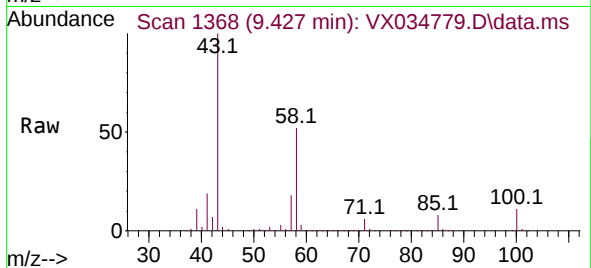
Ion	Ratio	Lower	Upper
43	100		
58	52.1	41.7	62.5
57	18.2	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#60

4-Bromofluorobenzene

Concen: 29.084 ug/l

RT: 11.079 min Scan# 1639

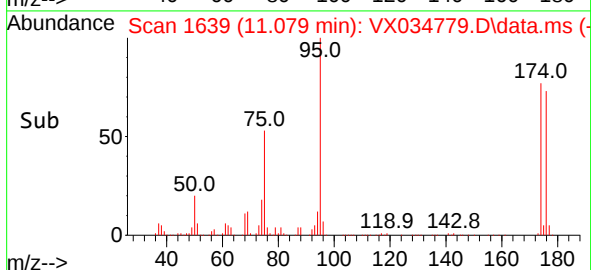
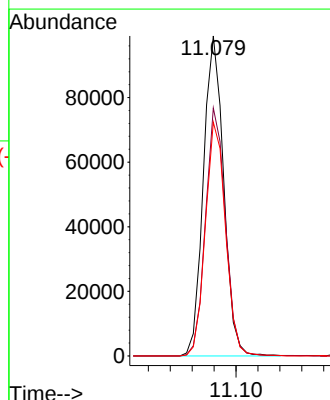
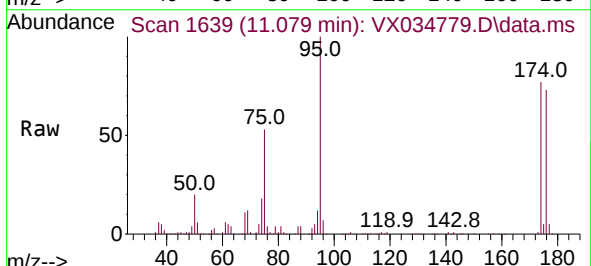
Delta R.T. 0.000 min

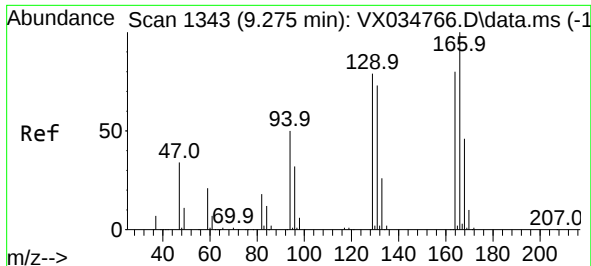
Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Tgt Ion: 95 Resp: 127178

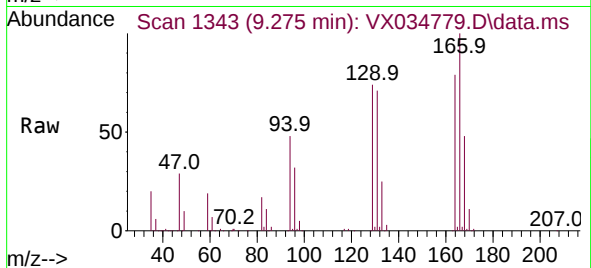
Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.2	0.4#
176	72.7	0.2	0.2#





#61
Tetrachloroethene
Concen: 19.960 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

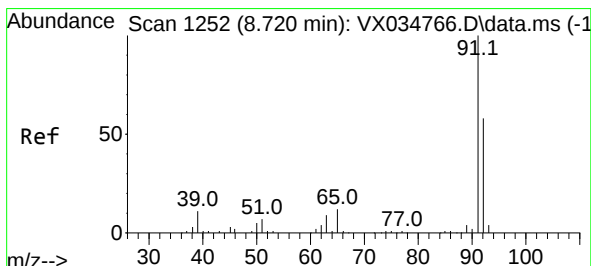
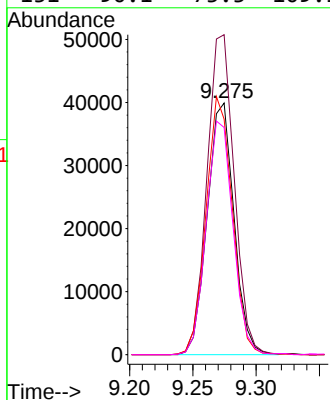
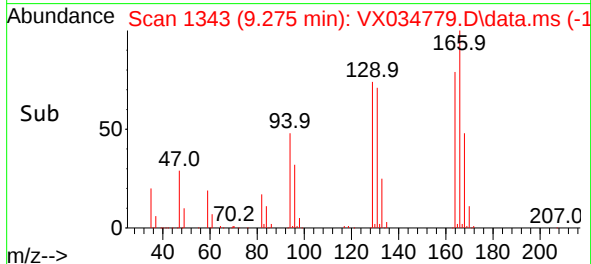
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 5885
Ion Ratio Lower Upper
164 100
166 126.9 100.1 150.1
129 93.2 79.1 118.7
131 90.1 73.3 109.9

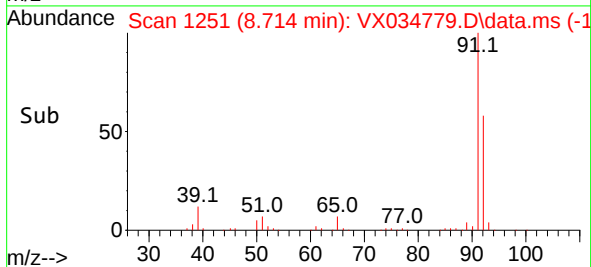
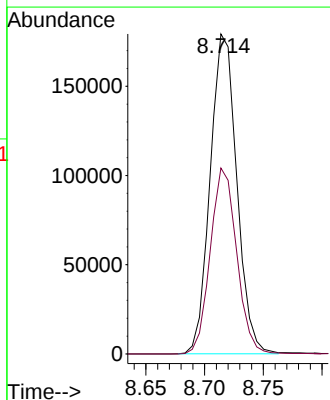
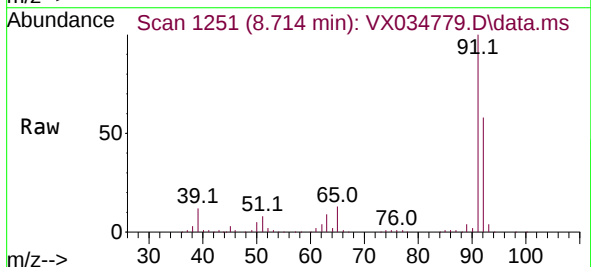
Manual Integrations
APPROVED

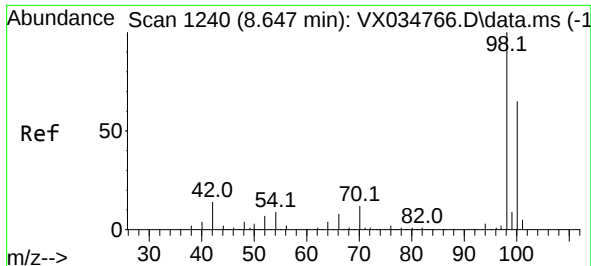
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#62
Toluene
Concen: 19.744 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion: 91 Resp: 282527
Ion Ratio Lower Upper
91 100
92 57.8 46.5 69.7





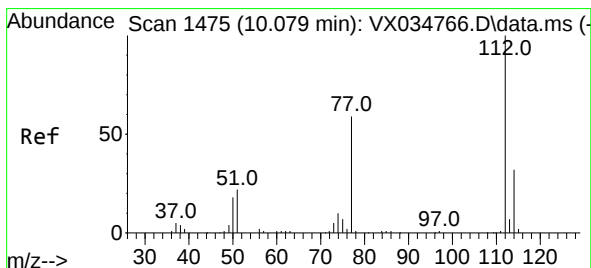
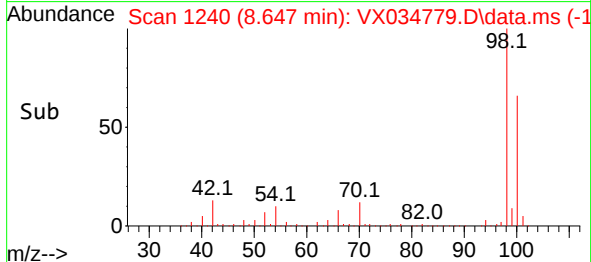
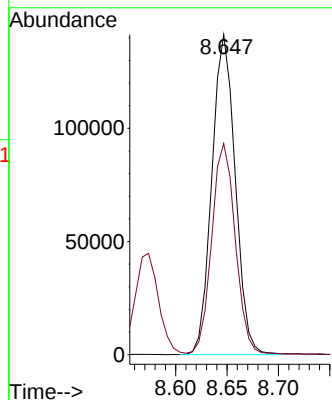
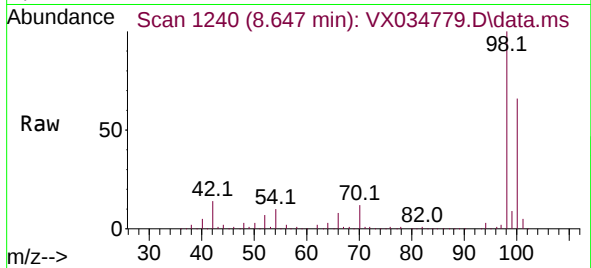
#63
Toluene-d8
Concen: 30.075 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 98 Resp: 223669
Ion Ratio Lower Upper
98 100
100 66.8 52.1 78.1

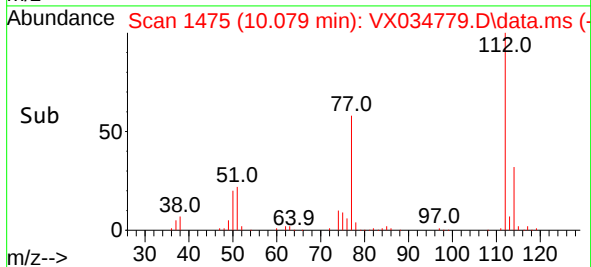
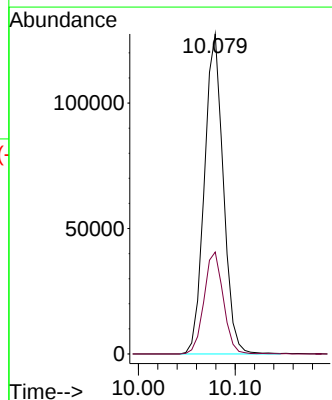
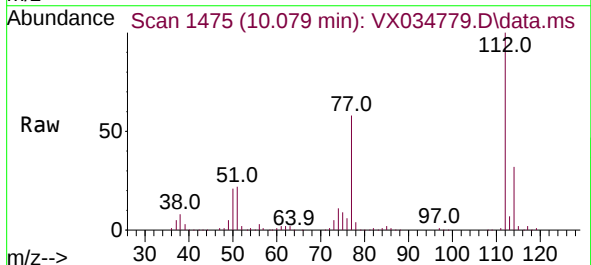
Manual Integrations
APPROVED

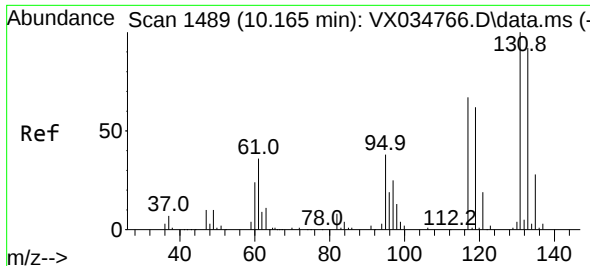
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#64
Chlorobenzene
Concen: 19.731 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion:112 Resp: 173872
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8





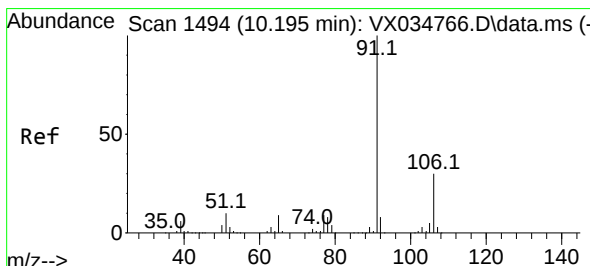
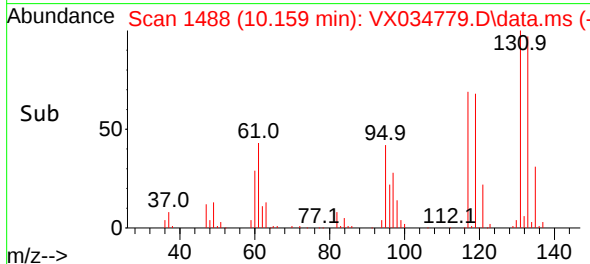
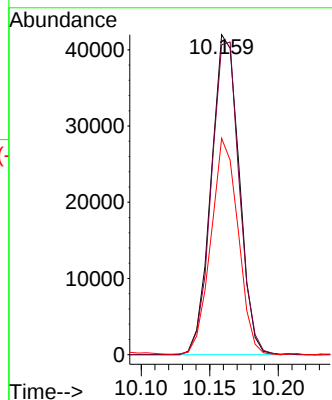
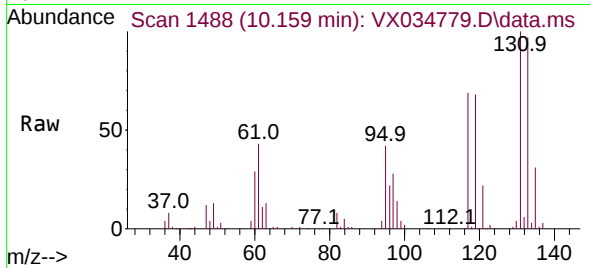
#65
1,1,1,2-Tetrachloroethane
Concen: 18.911 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 59572
Ion Ratio Lower Upper
131 100
133 97.6 0.0 186.6
119 65.6 0.0 128.6

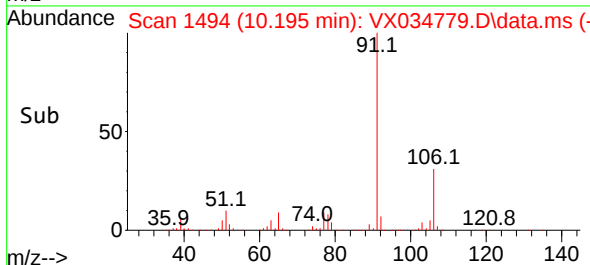
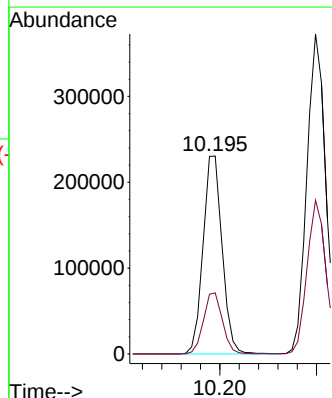
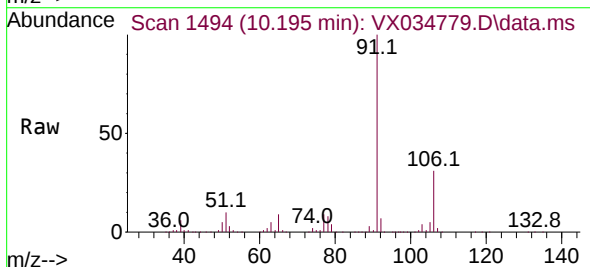
Manual Integrations
APPROVED

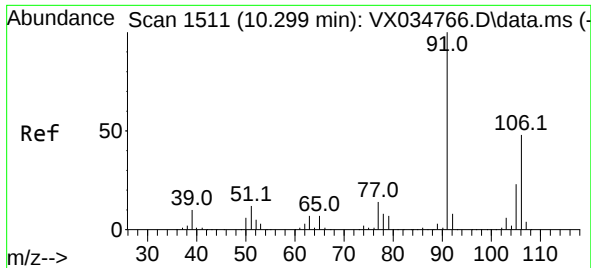
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#66
Ethyl Benzene
Concen: 19.876 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion: 91 Resp: 316781
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6





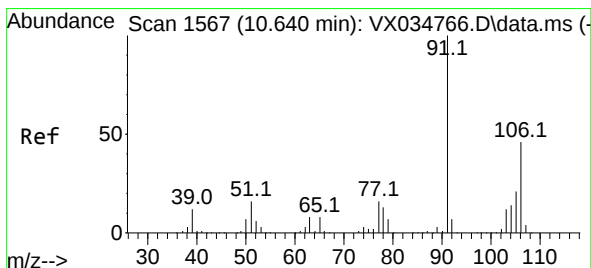
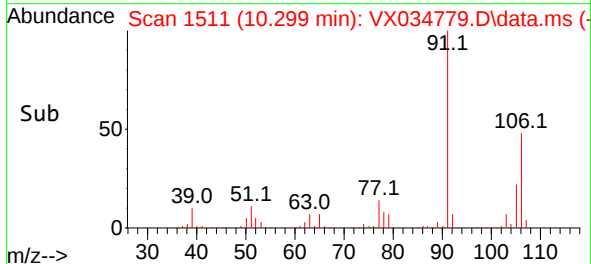
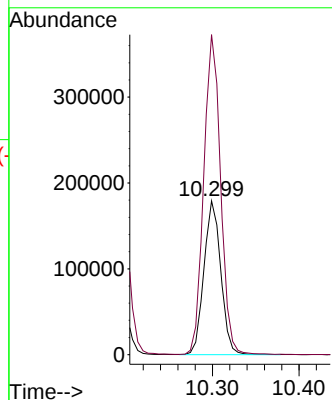
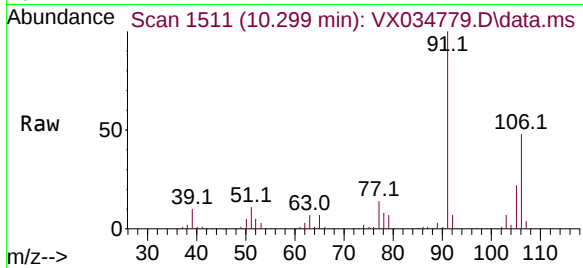
#67
m/p-Xylenes
Concen: 39.945 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 24223
Ion Ratio Lower Upper
106 100
91 208.4 167.4 251.2

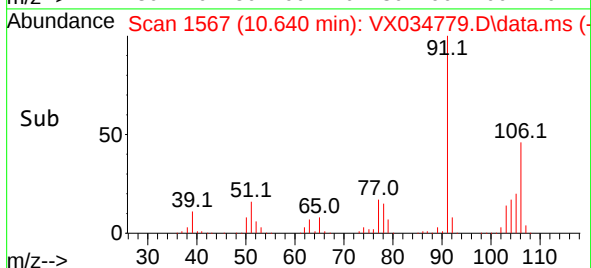
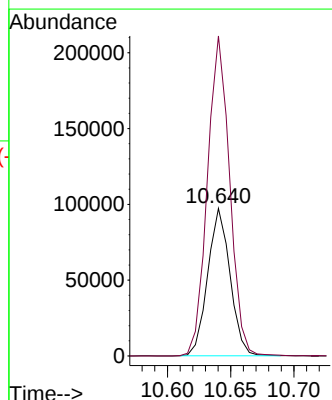
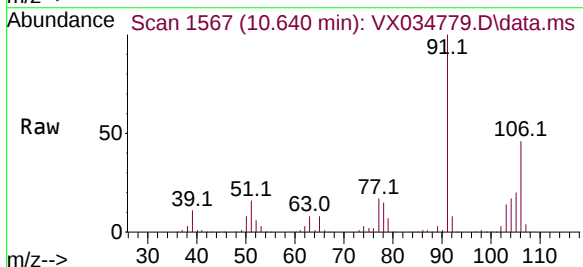
Manual Integrations
APPROVED

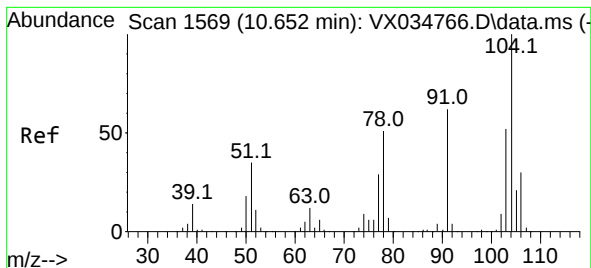
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#68
o-Xylene
Concen: 19.938 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion:106 Resp: 119565
Ion Ratio Lower Upper
106 100
91 216.3 108.9 326.8





#69

Styrene

Concen: 19.383 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:104 Resp: 191630

Ion Ratio Lower Upper

104 100

78 53.3 42.8 64.2

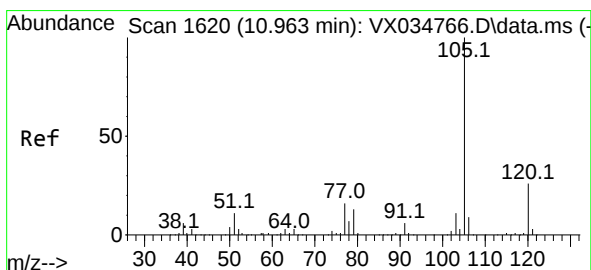
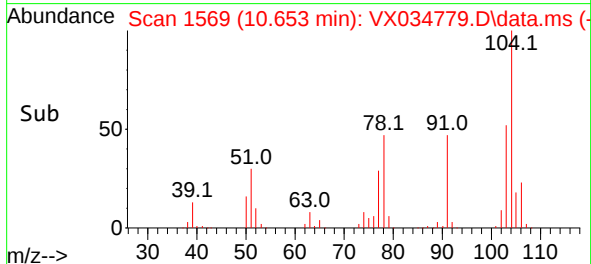
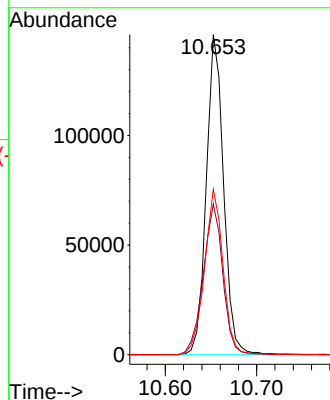
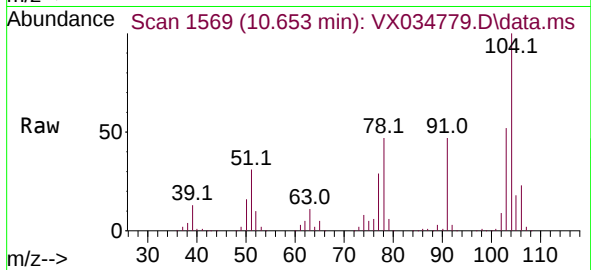
103 55.6 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#70

Isopropylbenzene

Concen: 19.791 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034779.D

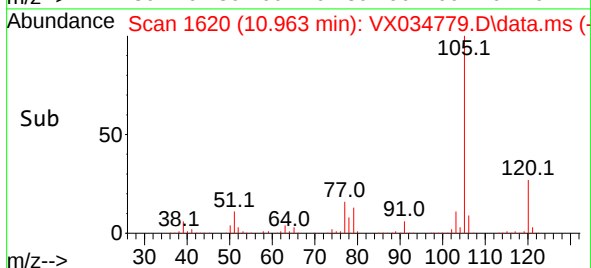
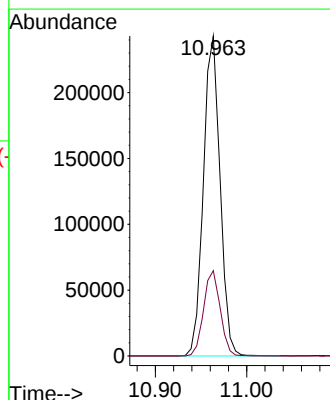
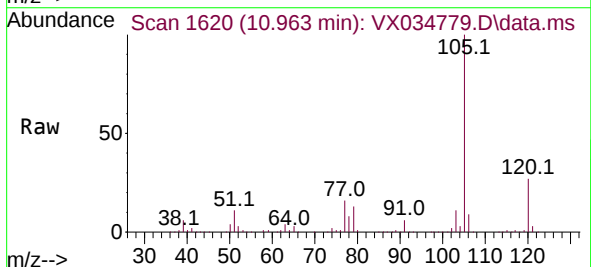
Acq: 28 Mar 2023 09:06

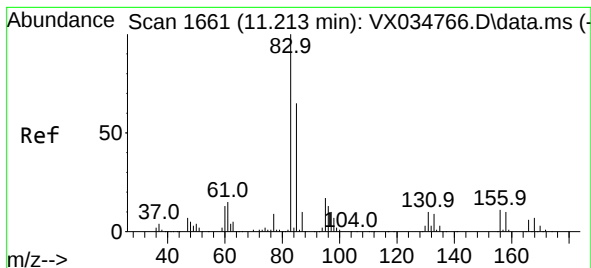
Tgt Ion:105 Resp: 307171

Ion Ratio Lower Upper

105 100

120 26.5 18.5 34.3





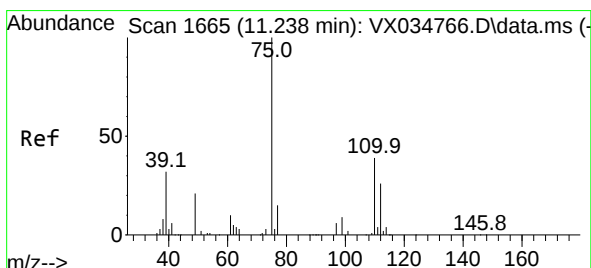
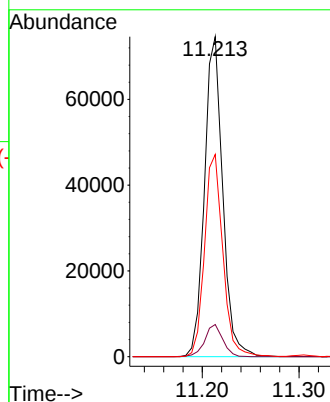
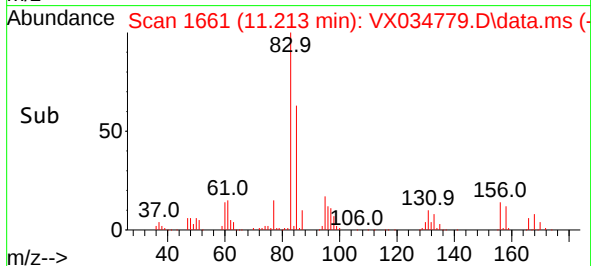
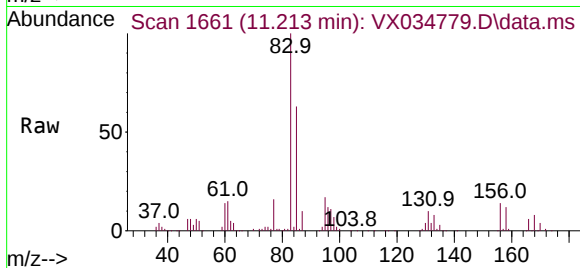
#71
1,1,2,2-Tetrachloroethane
Concen: 19.201 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 97959
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.2
85 63.6 31.9 95.5

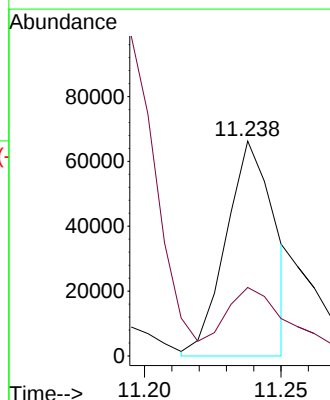
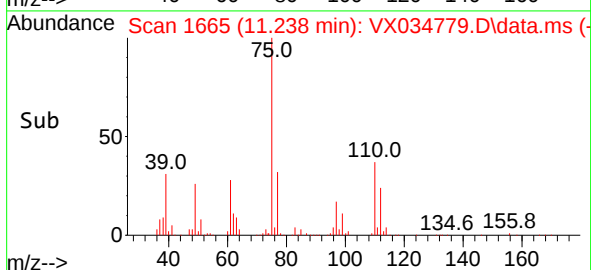
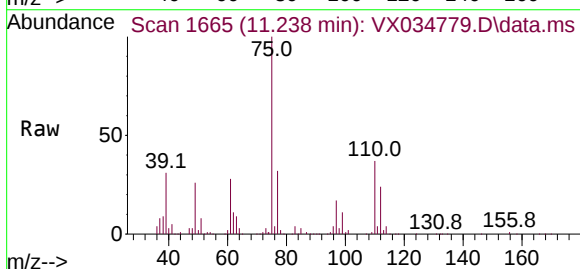
Manual Integrations
APPROVED

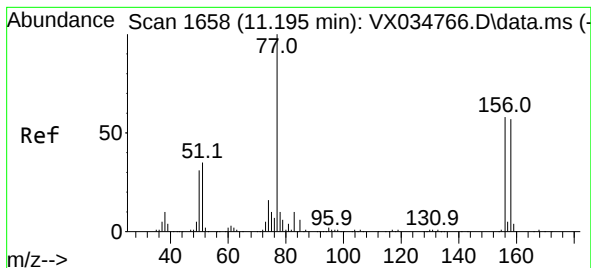
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#72
1,2,3-Trichloropropane
Concen: 17.585 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion: 75 Resp: 81667
Ion Ratio Lower Upper
75 100
77 43.0 0.0 73.8





#73

Bromobenzene

Concen: 19.653 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

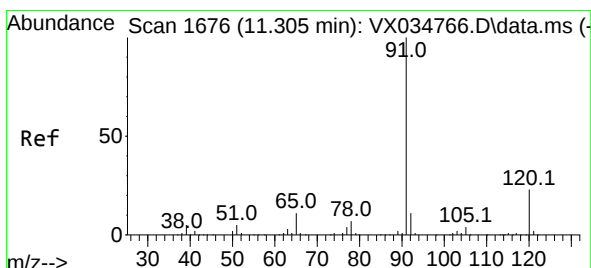
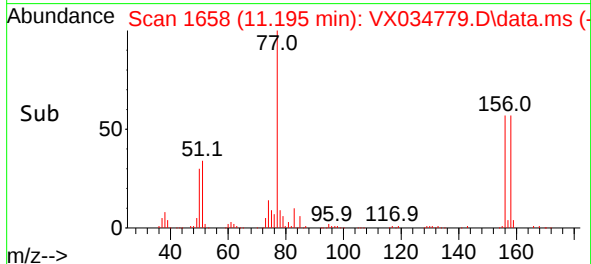
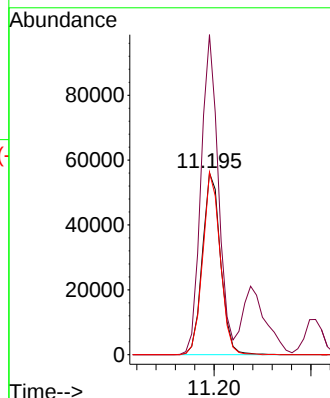
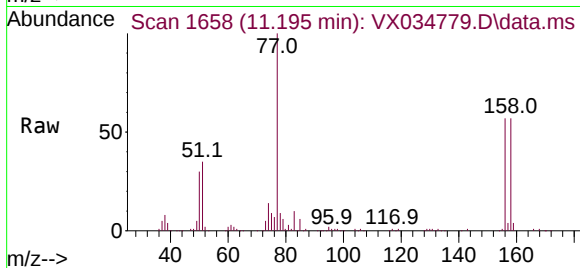
Tgt Ion:	156	Resp:	7325
Ion Ratio	Lower	Upper	
156	100		
77	168.3	0.0	330.8
158	96.6	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#74

n-propylbenzene

Concen: 20.188 ug/l

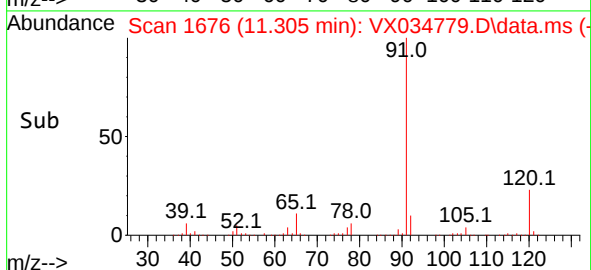
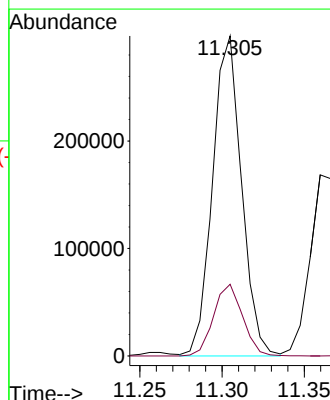
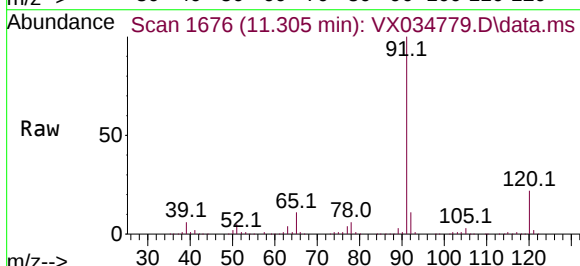
RT: 11.305 min Scan# 1676

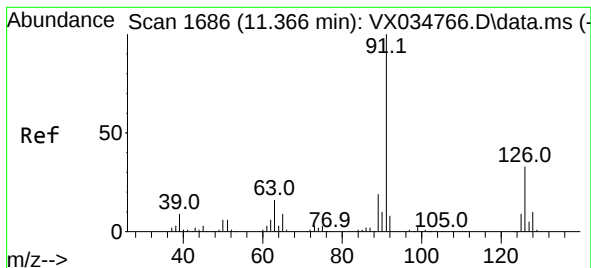
Delta R.T. 0.000 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Tgt Ion:	91	Resp:	364759
Ion Ratio	Lower	Upper	
91	100		
120	22.5	0.0	44.8





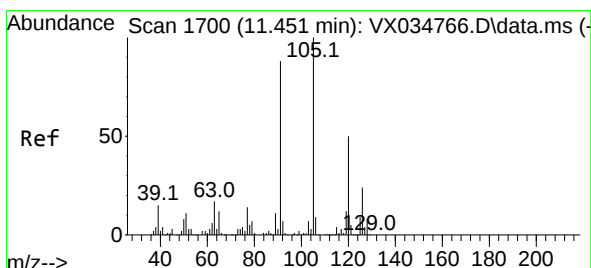
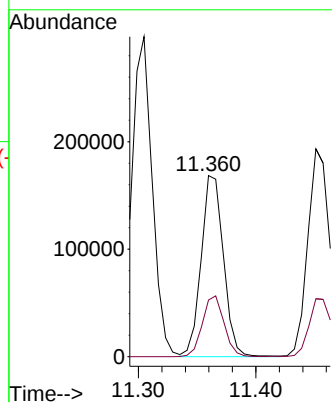
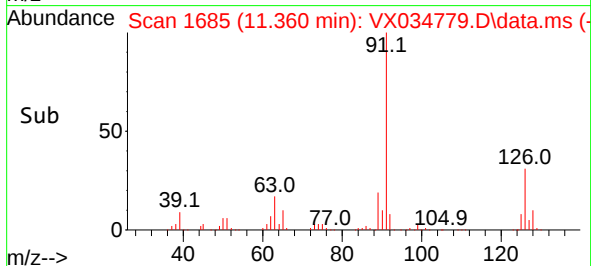
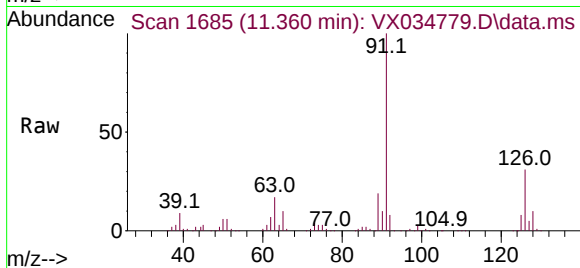
#75
2-Chlorotoluene
Concen: 19.754 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 222509
Ion Ratio Lower Upper
91 100
126 32.6 0.0 66.4

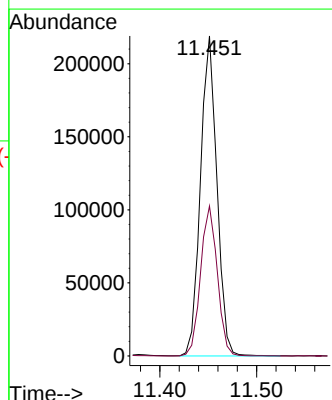
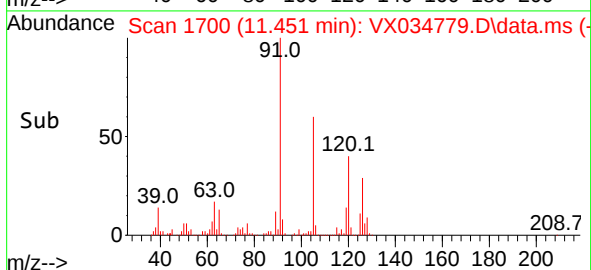
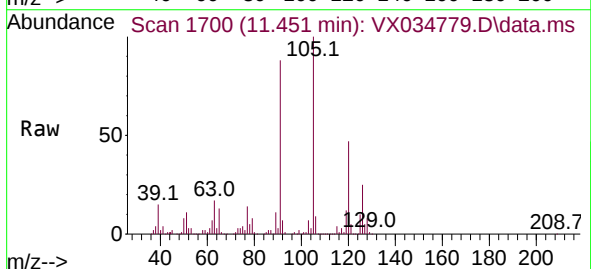
Manual Integrations
APPROVED

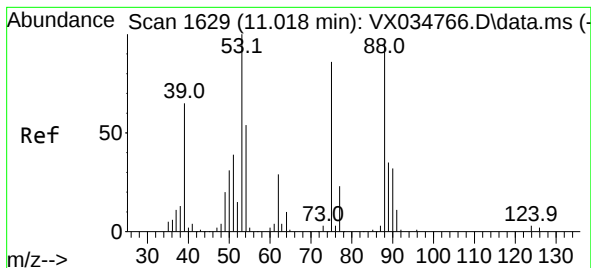
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.845 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

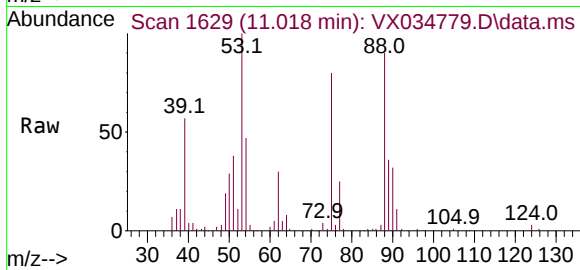
Tgt Ion:105 Resp: 259277
Ion Ratio Lower Upper
105 100
120 47.7 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.417 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

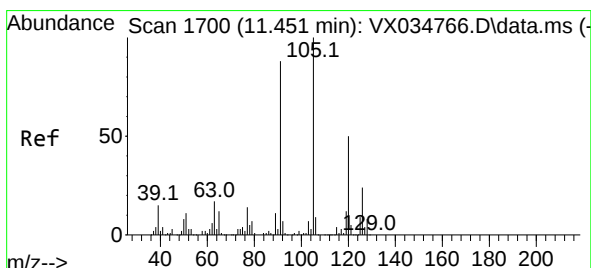
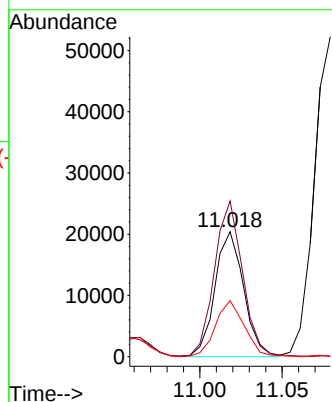
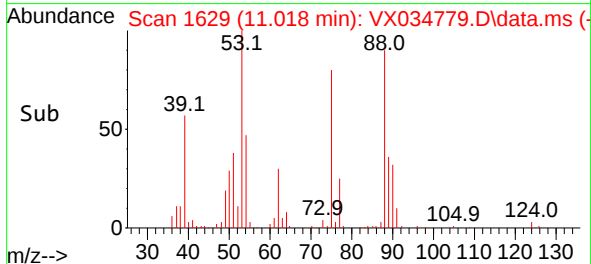
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 24840
Ion Ratio Lower Upper
75 100
53 124.3 58.2 174.6
89 45.0 20.6 61.8

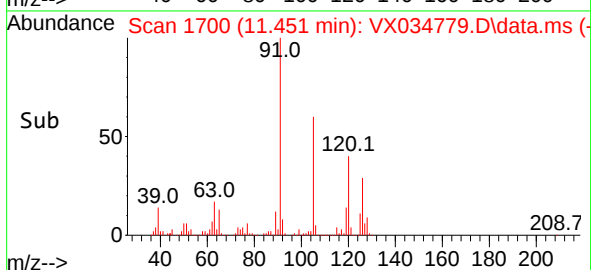
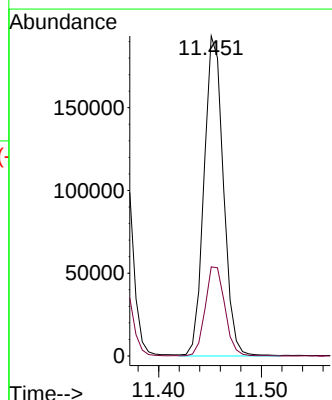
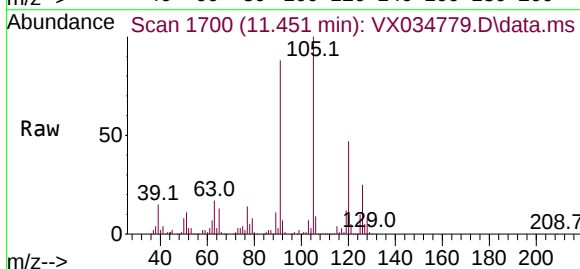
Manual Integrations
APPROVED

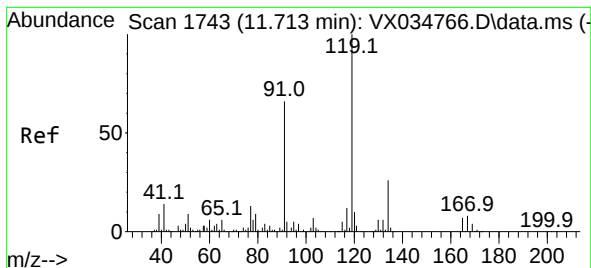
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#78
4-Chlorotoluene
Concen: 19.595 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Tgt Ion: 91 Resp: 253032
Ion Ratio Lower Upper
91 100
126 28.4 0.0 56.8





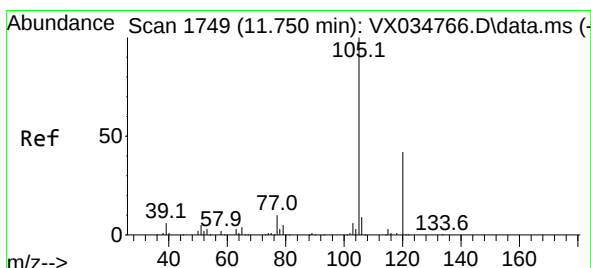
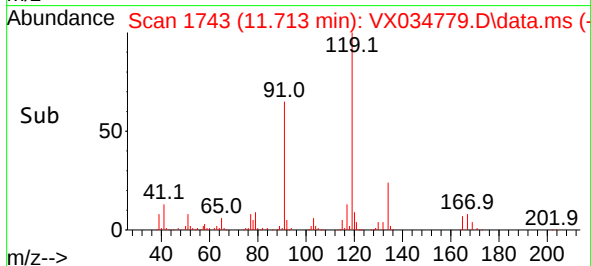
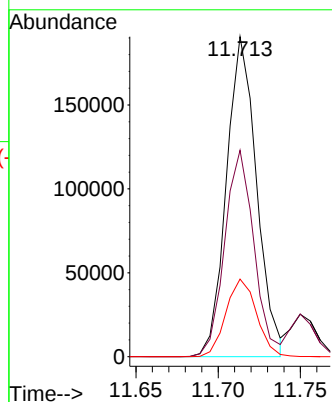
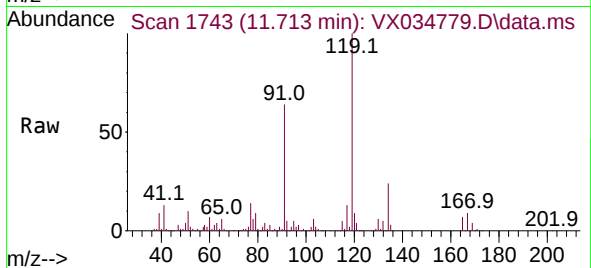
#79
tert-butylbenzene
Concen: 19.558 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 24393
Ion Ratio Lower Upper
119 100
91 62.8 0.0 122.4
134 24.6 0.0 49.2

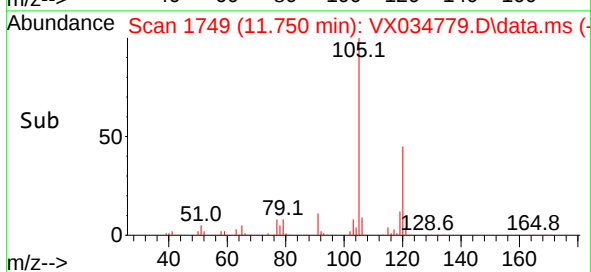
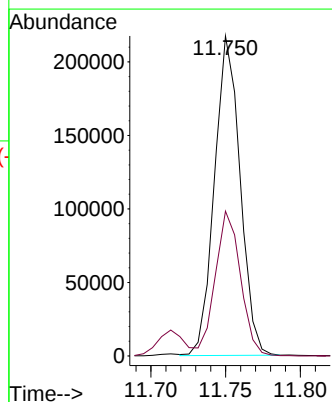
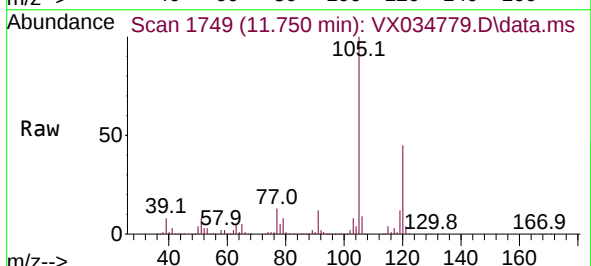
Manual Integrations
APPROVED

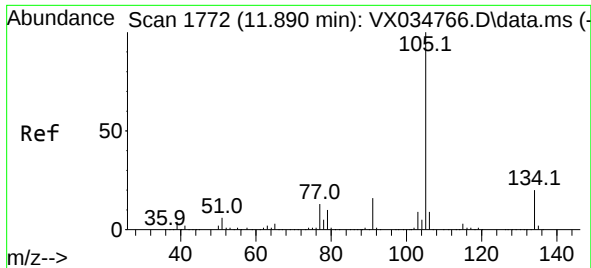
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.945 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

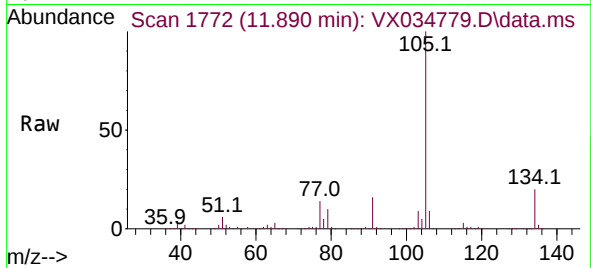
Tgt Ion:105 Resp: 258953
Ion Ratio Lower Upper
105 100
120 44.2 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 19.982 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034779.D
 Acq: 28 Mar 2023 09:06

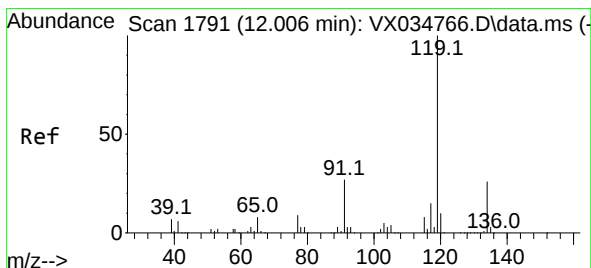
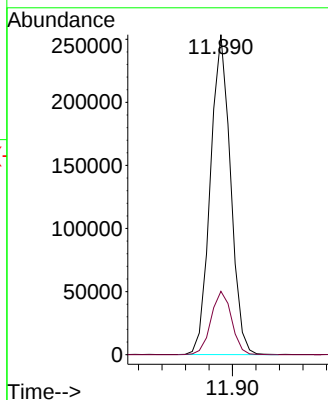
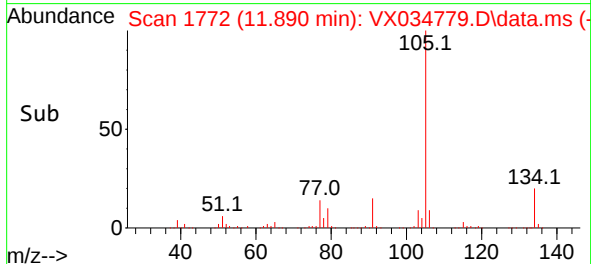
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



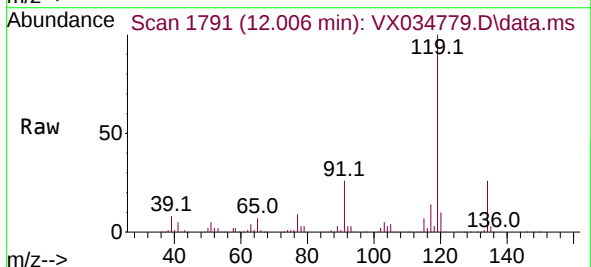
Tgt Ion:105 Resp: 30198
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.2

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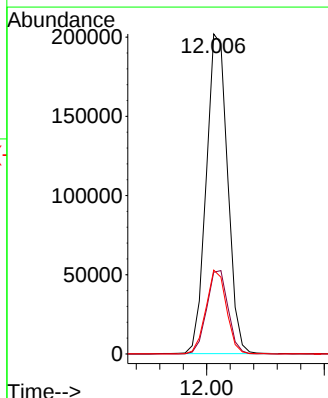
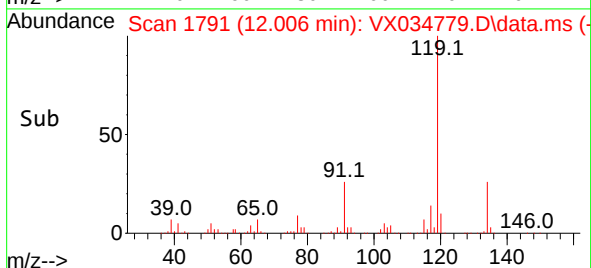
Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

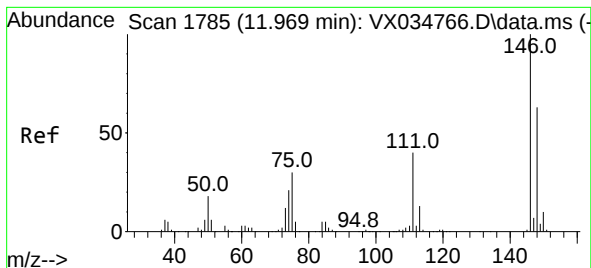


#82
 p-Isopropyltoluene
 Concen: 19.945 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034779.D
 Acq: 28 Mar 2023 09:06



Tgt Ion:119 Resp: 254355
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.2
 91 25.2 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 19.654 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 13834

Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.9

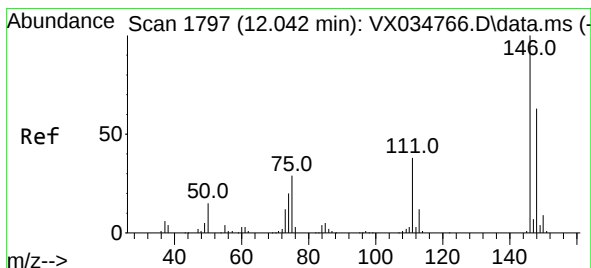
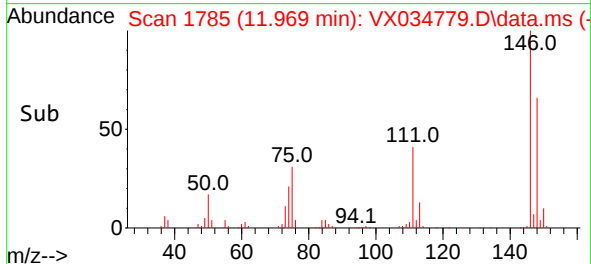
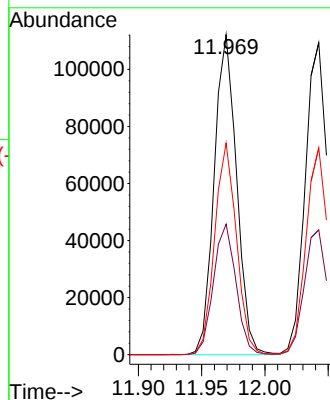
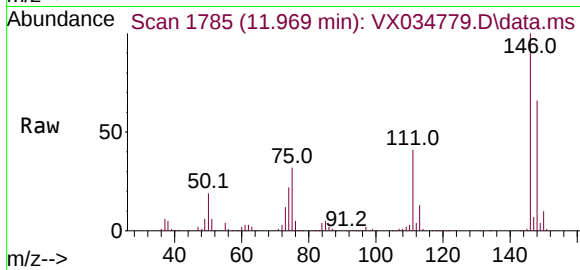
148 64.0 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#84

1,4-Dichlorobenzene

Concen: 19.485 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

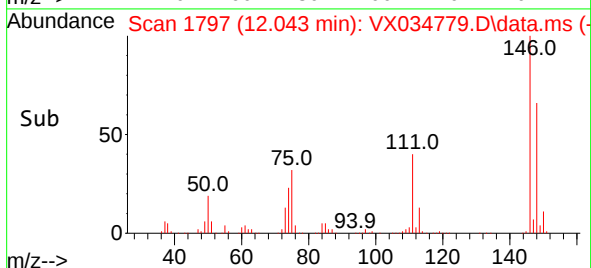
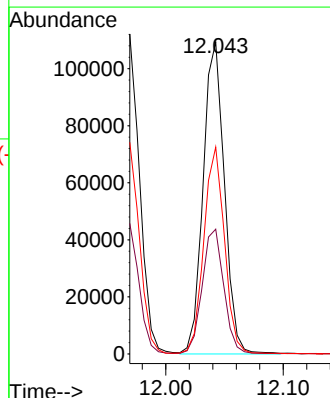
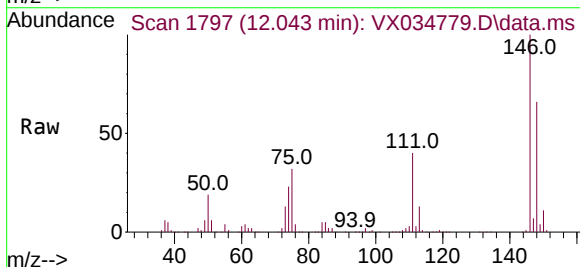
Tgt Ion:146 Resp: 137737

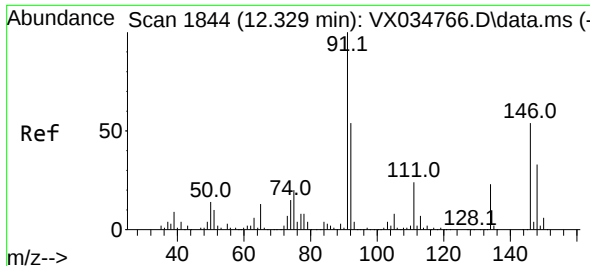
Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.9

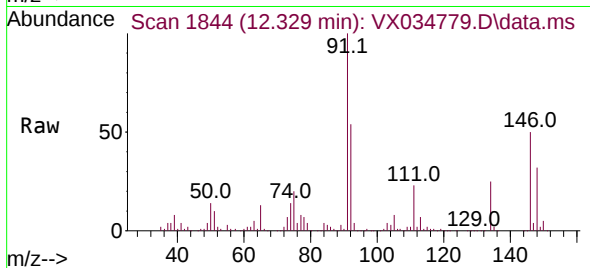
148 63.6 31.8 95.3





#85
n-Butylbenzene
Concen: 19.877 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

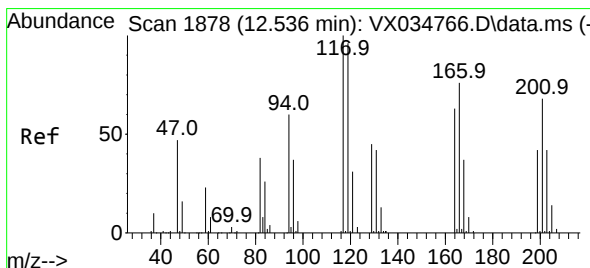
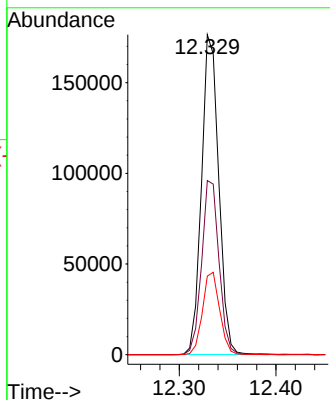
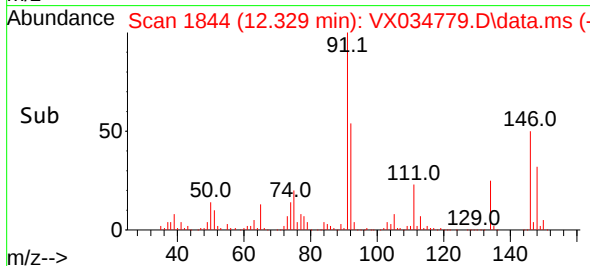
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 218464
Ion Ratio Lower Upper
91 100
92 54.9 0.0 107.6
134 25.7 0.0 49.8

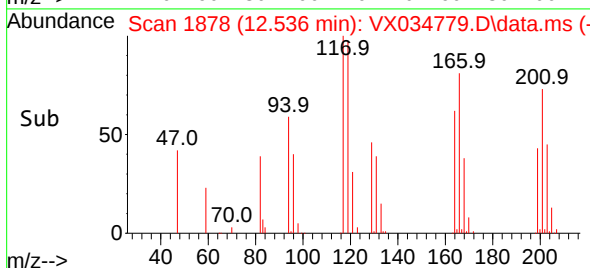
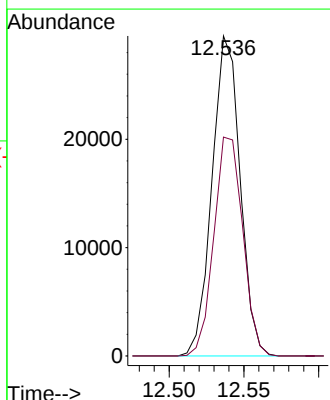
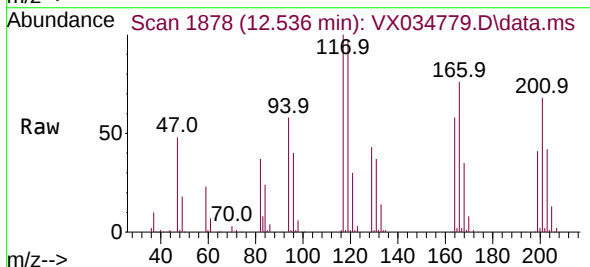
Manual Integrations
APPROVED

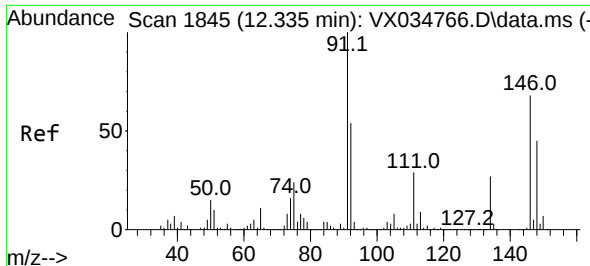
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#86
Hexachloroethane
Concen: 18.465 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

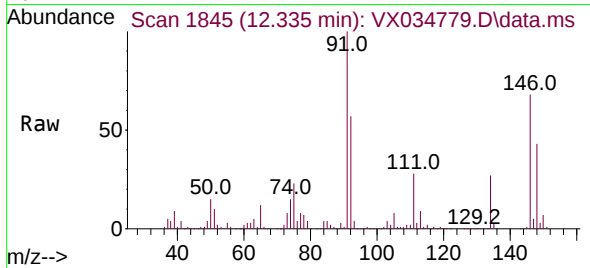
Tgt Ion:117 Resp: 38569
Ion Ratio Lower Upper
117 100
201 70.5 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 19.658 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

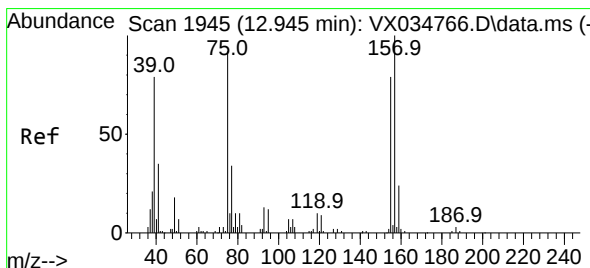
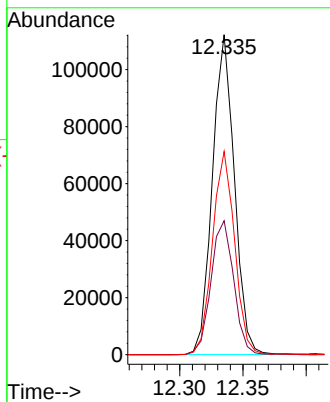
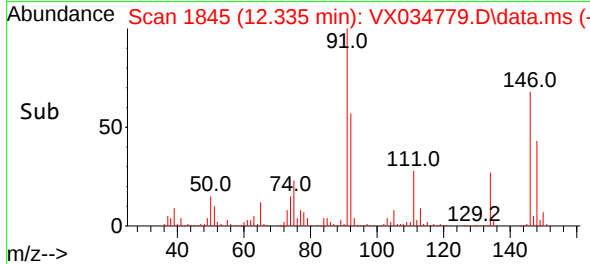
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



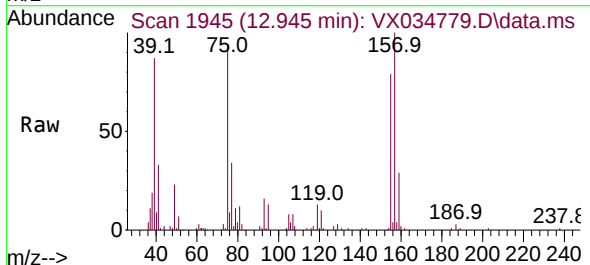
Tgt Ion:146 Resp: 135400
Ion Ratio Lower Upper
146 100
111 43.3 21.3 64.0
148 64.0 31.7 95.1

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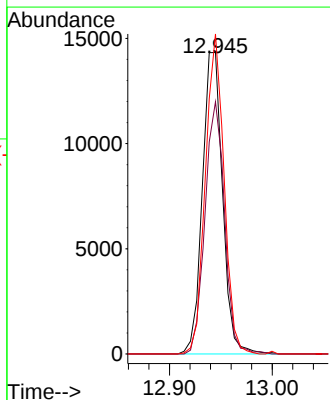
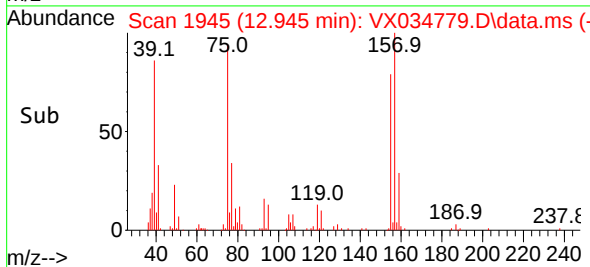
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

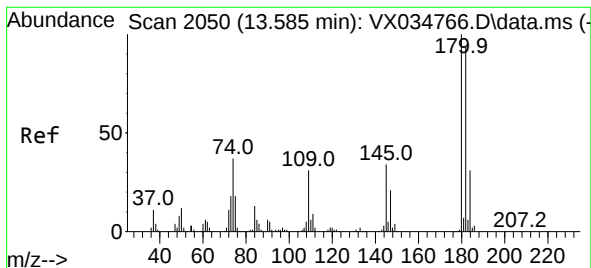


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.607 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06



Tgt Ion: 75 Resp: 19629
Ion Ratio Lower Upper
75 100
155 80.7 63.7 95.5
157 97.9 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 20.008 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

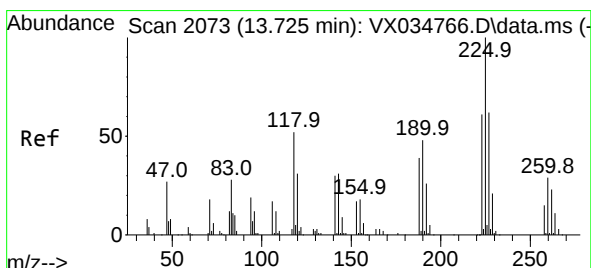
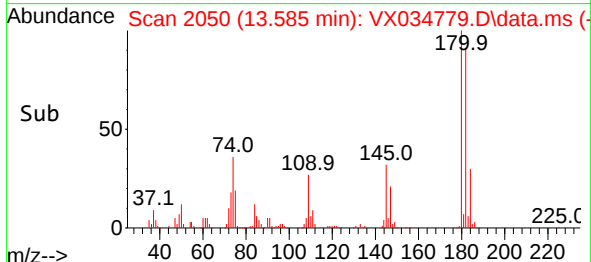
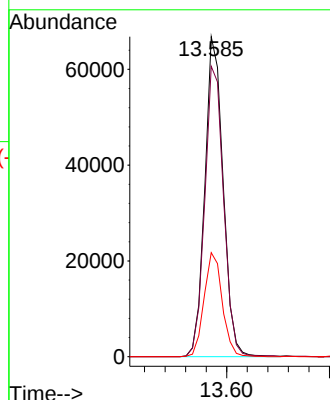
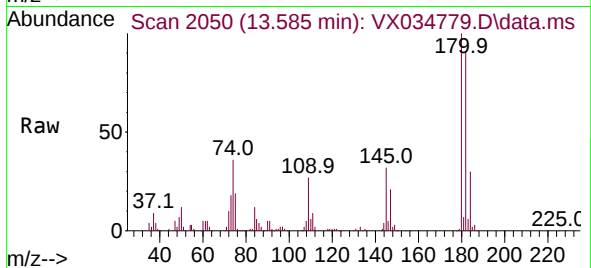
Tgt Ion:180	Resp:	82669
Ion Ratio	Lower	Upper
180	100	
182	93.3	75.8 113.8
145	32.3	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#90

Hexachlorobutadiene

Concen: 20.654 ug/l

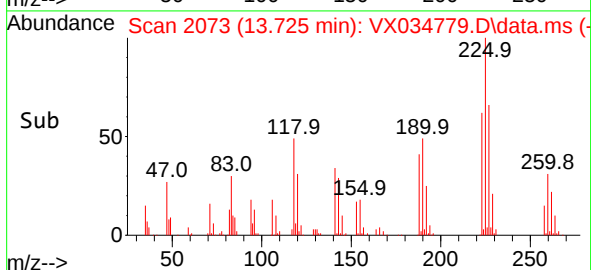
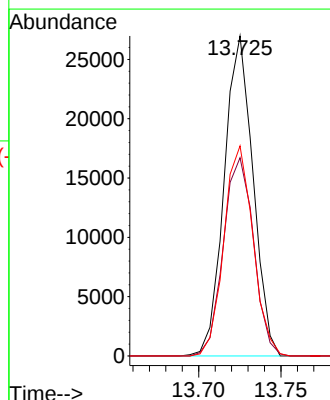
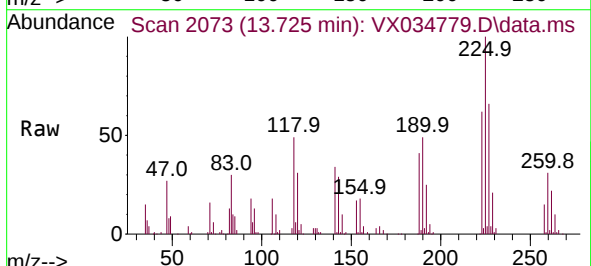
RT: 13.725 min Scan# 2073

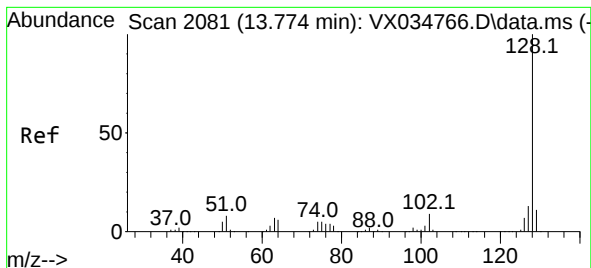
Delta R.T. 0.000 min

Lab File: VX034779.D

Acq: 28 Mar 2023 09:06

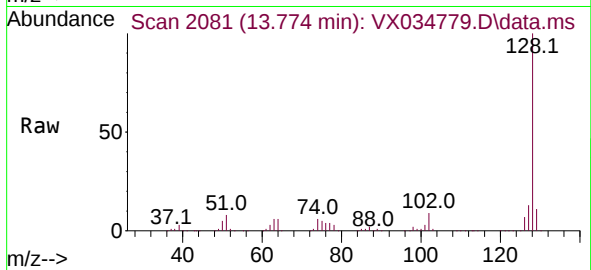
Tgt Ion:225	Resp:	32911
Ion Ratio	Lower	Upper
225	100	
223	65.0	0.0 124.2
227	66.3	0.0 122.8





#91
Naphthalene
Concen: 19.354 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06

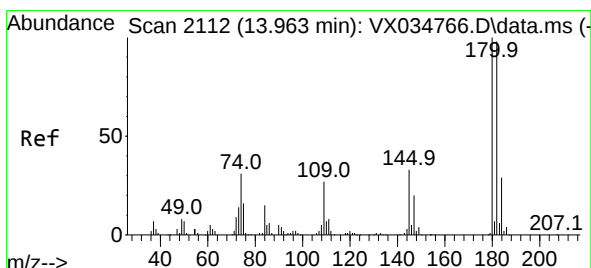
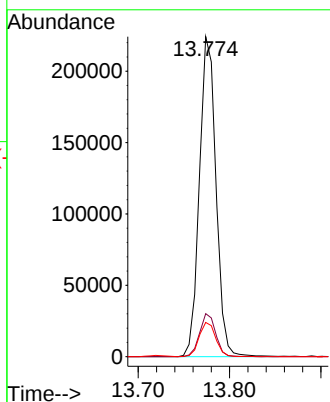
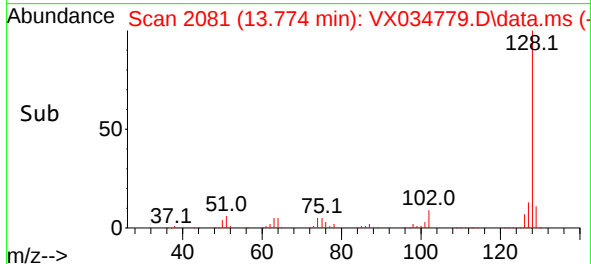
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



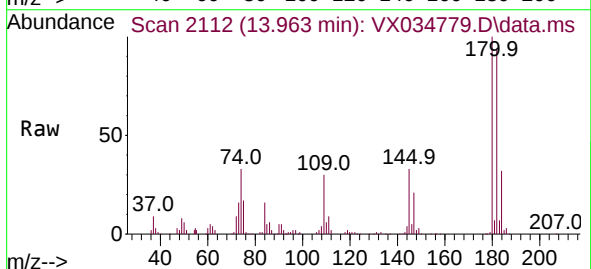
Tgt Ion:128 Resp: 282540
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.799 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034779.D
Acq: 28 Mar 2023 09:06



Tgt Ion:180 Resp: 81782
Ion Ratio Lower Upper
180 100
182 94.3 0.0 191.0
145 34.3 0.0 66.8

