

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034777.D
 Acq On : 28 Mar 2023 03:57
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Mar 28 09:22:42 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	4.903	128	26075	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	186817	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	200893	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	77284	30.847	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.833%			
60) 4-Bromofluorobenzene	11.079	95	116211	28.950	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.500%			
63) Toluene-d8	8.646	98	203718	29.840	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.467%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52079	21.058	ug/l	100
3) Chloromethane	1.294	50	69347	21.625	ug/l	96
4) Vinyl Chloride	1.373	62	67894	21.459	ug/l	94
5) Bromomethane	1.617	94	45450	21.840	ug/l	97
6) Chloroethane	1.690	64	43919	21.331	ug/l	93
7) Trichlorofluoromethane	1.892	101	107495	21.330	ug/l	96
8) Diethyl Ether	2.129	74	39414	21.724	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.330	101	54433	21.290	ug/l	99
10) 1,1-Dichloroethene	2.318	96	53387	20.627	ug/l	92
11) Methyl Iodide	2.452	142	66580	20.201	ug/l	96
12) Methyl Acetate	2.702	43	122484	21.370	ug/l	99
13) Acrolein	2.239	56	66025	99.336	ug/l	100
14) Acrylonitrile	3.068	53	168301	106.635	ug/l	99
15) Acetone	2.391	58	45551	106.307	ug/l	95
16) Carbon Disulfide	2.513	76	131076	19.799	ug/l	99
17) Allyl chloride	2.666	41	101770	20.320	ug/l	99
18) Methylene Chloride	2.788	84	64676	21.213	ug/l	99
19) trans-1,2-Dichloroethene	3.093	96	59286	20.933	ug/l	96
20) Diisopropyl ether	3.757	45	217947	21.241	ug/l	98
21) 1,1-Dichloroethane	3.611	63	115082	20.976	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	68566	20.787	ug/l	99
23) tert-Butyl Alcohol	2.995	59	76470m	107.686	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	202055	21.008	ug/l	100
25) Chloroform	5.092	83	114844	20.580	ug/l	98
26) Cyclohexane	5.470	56	100634	20.931	ug/l #	96
29) 1,1-Dichloropropene	5.690	75	85015	19.786	ug/l	99
30) 2-Butanone	4.562	43	242970	101.396	ug/l	99
31) 2,2-Dichloropropane	4.476	77	76334	17.518	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	97086	19.260	ug/l	98
33) Carbon Tetrachloride	5.677	117	79050	19.001	ug/l	99
34) Benzene	6.037	78	251575	20.148	ug/l	99
35) Methacrylonitrile	4.915	41	52828	20.143	ug/l	96
36) 1,2-Dichloroethane	6.086	62	99521	20.328	ug/l	99
37) Trichloroethene	7.122	130	61775	19.439	ug/l	96
38) Methylcyclohexane	7.378	83	94635	20.159	ug/l	98
39) 1,2-Dichloropropane	7.427	63	65056	20.044	ug/l	99
40) Dibromomethane	7.580	93	44229	19.837	ug/l	99
41) Bromodichloromethane	7.823	83	81843	19.488	ug/l	95
42) Vinyl Acetate	3.720	43	795779	101.795	ug/l	100

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Instrument :
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Manual Integrations
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 Supervised By :Semsettin Yesilyurt 03/29/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	96981	20.868	ug/l	98
44) Isopropyl Acetate	6.336	43	157896	20.070	ug/l	100
45) 1,4-Dioxane	7.701	88	32914	422.284	ug/l	99
46) Methyl methacrylate	7.695	41	75911	19.803	ug/l	98
47) n-amyl Acetate	10.841	43	132170	19.324	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	83674	18.286	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	93226	18.545	ug/l	95
50) 1,1,2-Trichloroethane	9.152	97	63554	20.461	ug/l	97
51) Ethyl methacrylate	9.116	69	98062	19.451	ug/l	98
52) 1,3-Dichloropropane	9.305	76	110147	20.074	ug/l	100
53) Dibromochloromethane	9.518	129	56109	18.260	ug/l	99
54) 1,2-Dibromoethane	9.610	107	65144	19.607	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	273814	103.208	ug/l	99
56) Bromoform	10.798	173	35979	16.981	ug/l	95
58) 4-Methyl-2-Pentanone	8.573	43	482356	104.723	ug/l	100
59) 2-Hexanone	9.427	43	362705	104.588	ug/l	100
61) Tetrachloroethene	9.274	164	55626	20.550	ug/l	98
62) Toluene	8.720	91	267285	20.348	ug/l	100
64) Chlorobenzene	10.079	112	163333	20.191	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.164	131	56051	19.382	ug/l	97
66) Ethyl Benzene	10.195	91	298526	20.404	ug/l	99
67) m/p-Xylenes	10.299	106	224840	40.389	ug/l	98
68) o-Xylene	10.640	106	112658	20.464	ug/l	98
69) Styrene	10.658	104	179177	19.743	ug/l	100
70) Isopropylbenzene	10.963	105	286242	20.090	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	94775	20.237	ug/l	99
72) 1,2,3-Trichloropropane	11.237	75	84862m	19.906	ug/l	
73) Bromobenzene	11.201	156	66942	19.564	ug/l	98
74) n-propylbenzene	11.304	91	331515	19.988	ug/l	99
75) 2-Chlorotoluene	11.365	91	202524	19.586	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	239891	20.001	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	21110	16.124	ug/l	96
78) 4-Chlorotoluene	11.457	91	232803	19.639	ug/l	100
79) tert-butylbenzene	11.713	119	225933	19.734	ug/l	98
80) 1,2,4-Trimethylbenzene	11.749	105	237131	19.896	ug/l	99
81) sec-Butylbenzene	11.890	105	277290	19.988	ug/l	99
82) p-Isopropyltoluene	12.012	119	227910	19.468	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	125183	19.373	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	127209	19.604	ug/l	99
85) n-Butylbenzene	12.335	91	193799	19.208	ug/l	100
86) Hexachloroethane	12.536	117	34318	17.898	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	122951	19.445	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.944	75	19379	18.935	ug/l	96
89) 1,2,4-Trichlorobenzene	13.591	180	73770	19.449	ug/l	98
90) Hexachlorobutadiene	13.725	225	27472	18.781	ug/l	94
91) Naphthalene	13.774	128	268026	20.000	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	73528	19.391	ug/l	99

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

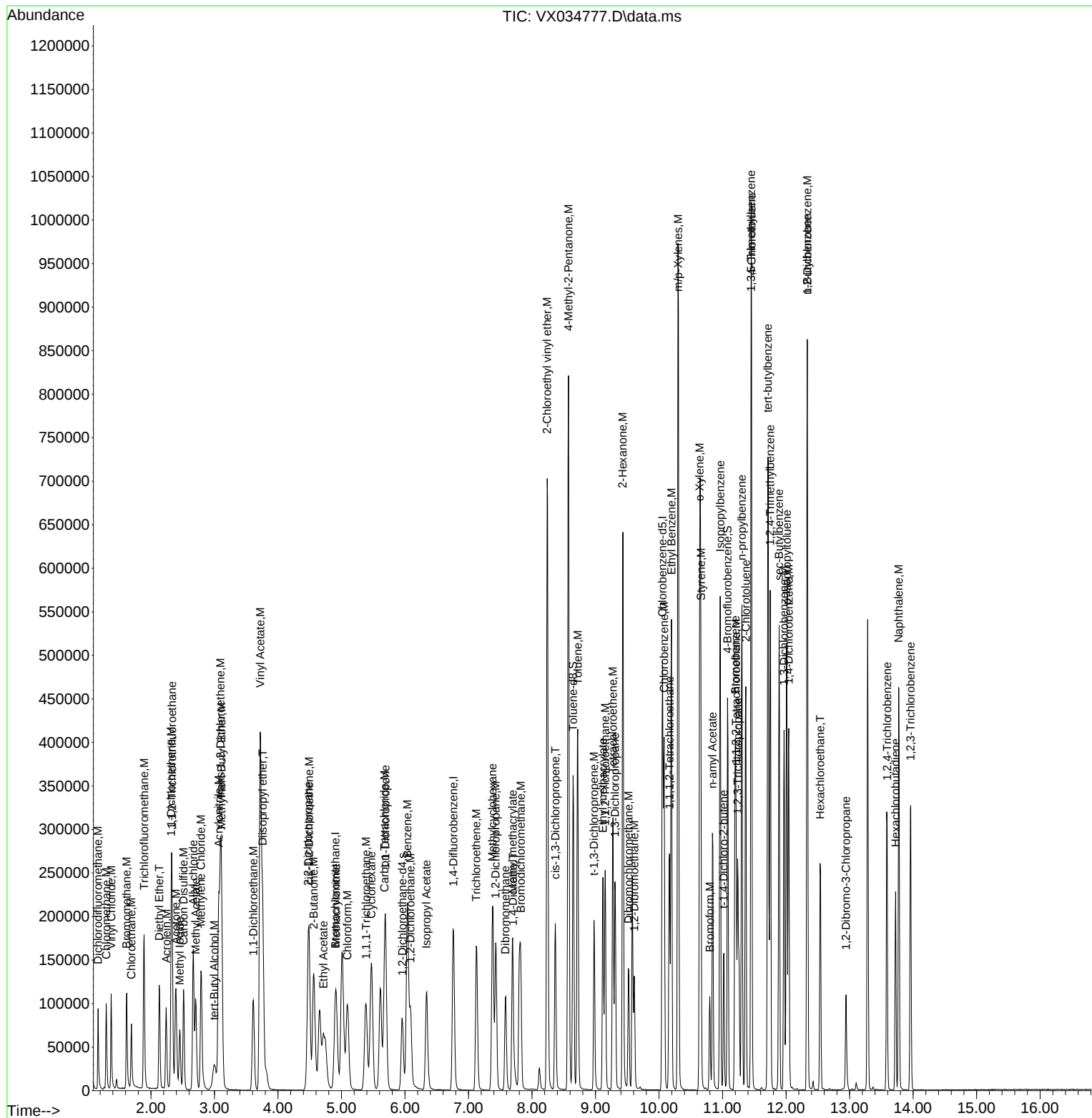
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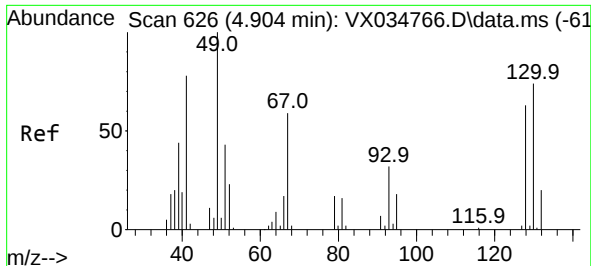
Instrument :
 MSVOA_X
 ClientSampleId :
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 Supervised By :Semsettin Yesilyurt 03/29/2023





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.903 min Scan# 61

Delta R.T. -0.001 min

Lab File: VX034777.D

Acq: 28 Mar 2023 03:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

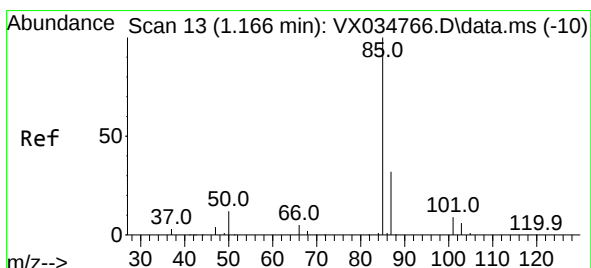
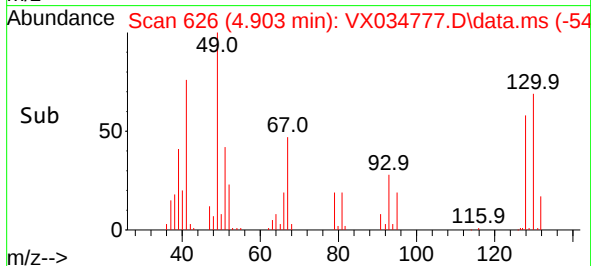
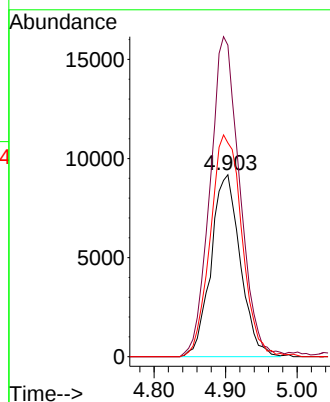
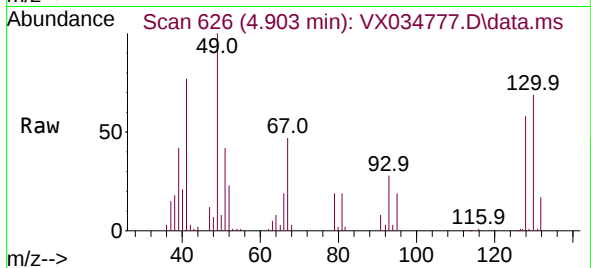
Tgt Ion:	128	Resp:	26079
Ion Ratio	Lower	Upper	
128	100		
49	177.6	0.0	428.8
130	131.8	0.0	310.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#2

Dichlorodifluoromethane

Concen: 21.058 ug/l

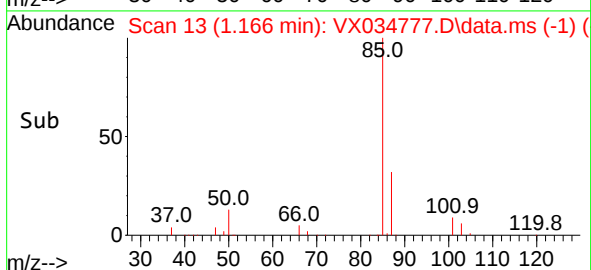
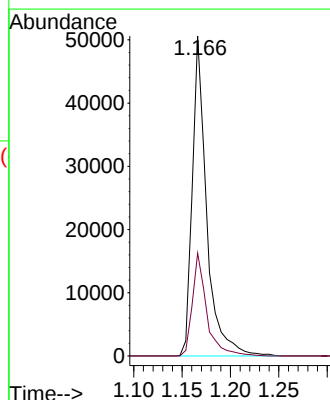
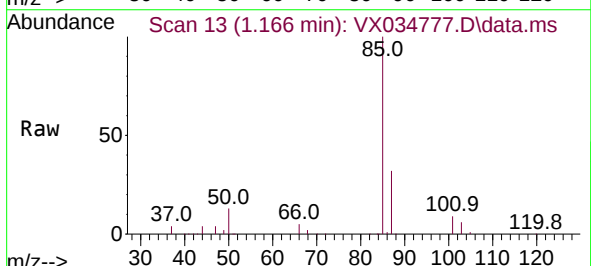
RT: 1.166 min Scan# 13

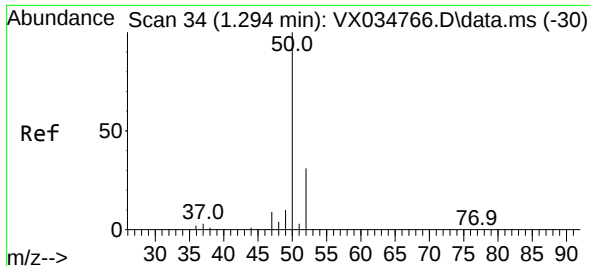
Delta R.T. -0.000 min

Lab File: VX034777.D

Acq: 28 Mar 2023 03:57

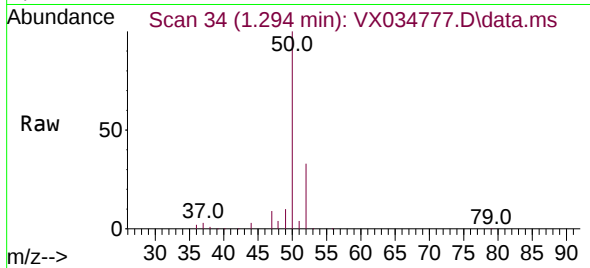
Tgt Ion:	85	Resp:	52079
Ion Ratio	Lower	Upper	
85	100		
87	32.2	16.0	48.0





#3
Chloromethane
Concen: 21.625 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

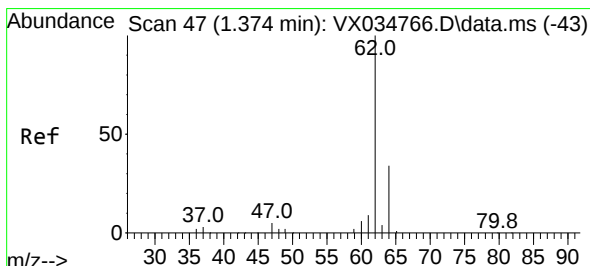
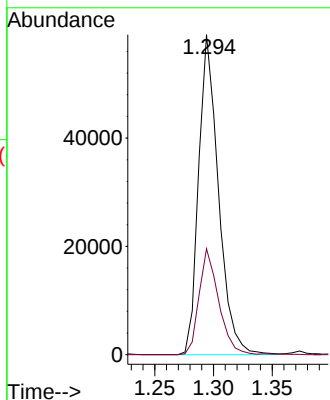
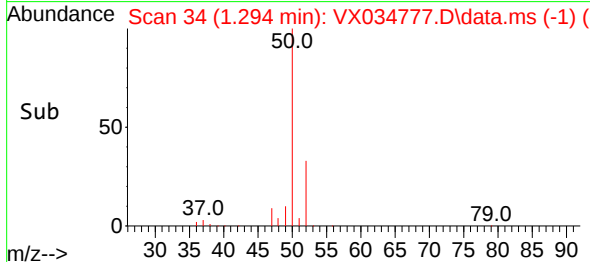
Instrument :
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ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 6934
Ion Ratio Lower Upper
50 100
52 33.1 24.6 36.8

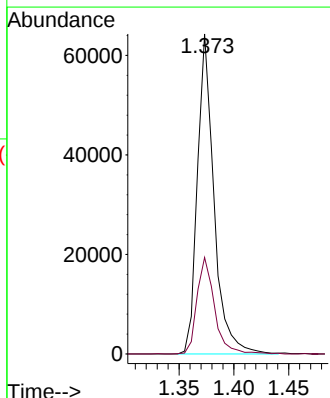
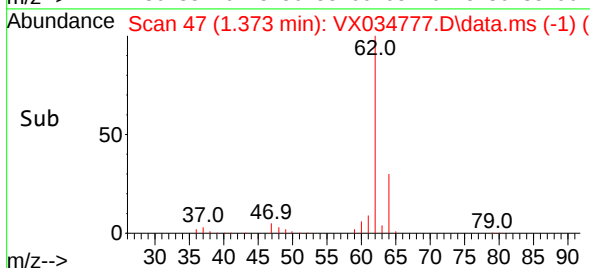
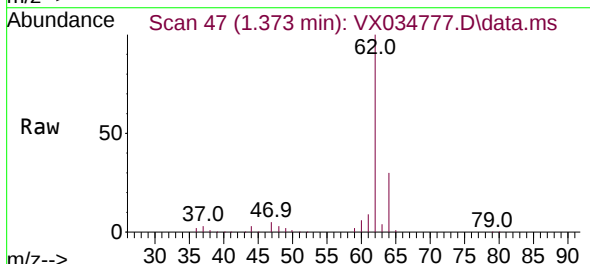
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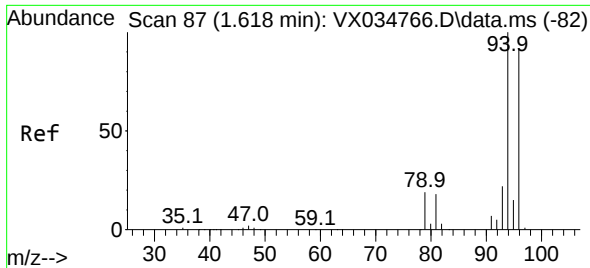
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#4
Vinyl Chloride
Concen: 21.459 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

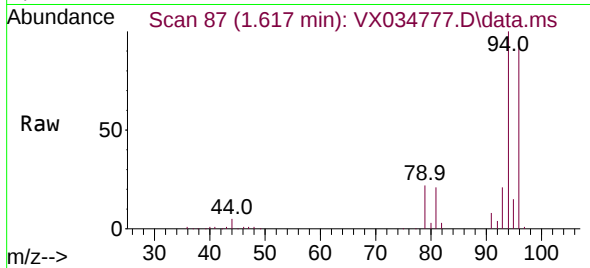
Tgt Ion: 62 Resp: 67894
Ion Ratio Lower Upper
62 100
64 30.0 26.9 40.3





#5
Bromomethane
Concen: 21.840 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

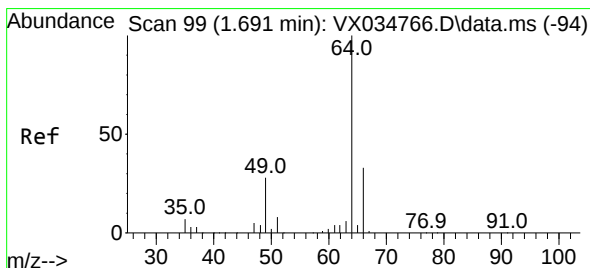
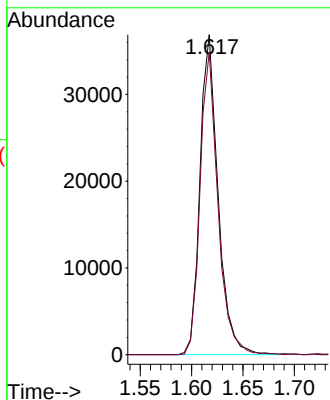
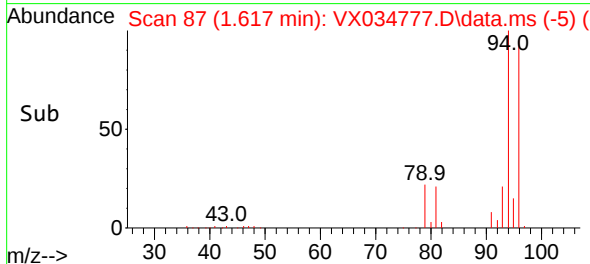
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Tgt Ion: 94 Resp: 45450
Ion Ratio Lower Upper
94 100
96 94.7 73.4 110.0

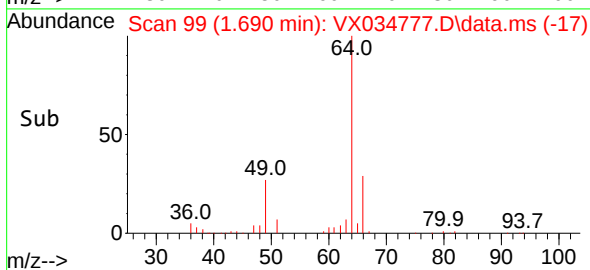
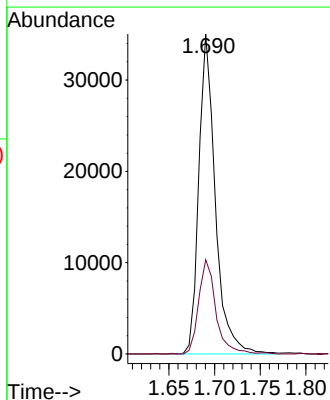
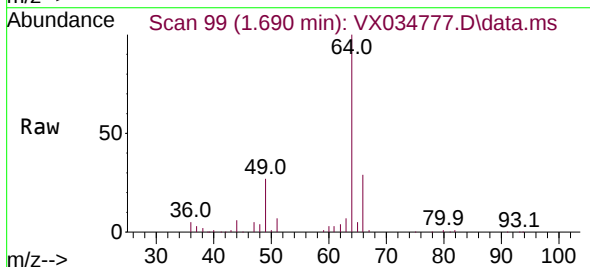
Manual Integrations
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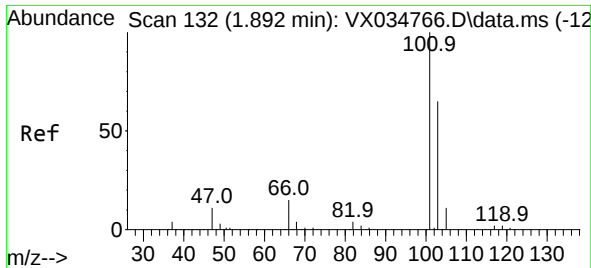
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#6
Chloroethane
Concen: 21.331 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

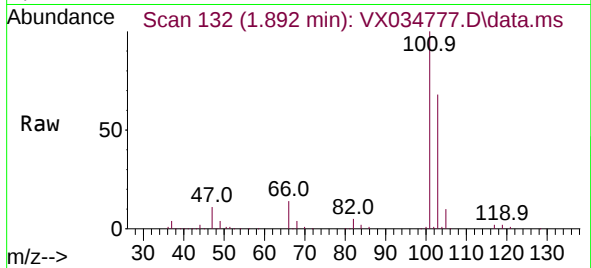
Tgt Ion: 64 Resp: 43919
Ion Ratio Lower Upper
64 100
66 29.5 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 21.330 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034777.D
 Acq: 28 Mar 2023 03:57

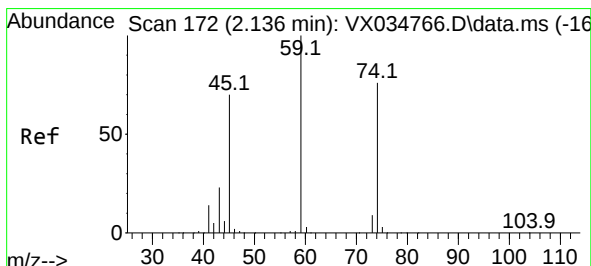
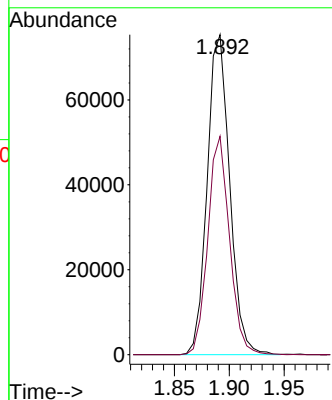
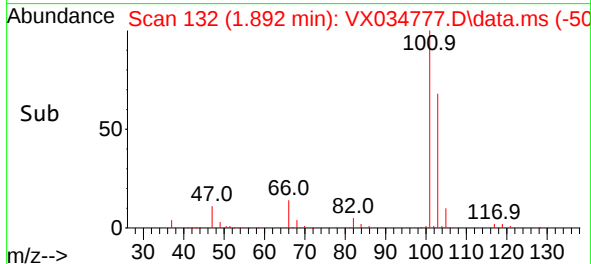
Instrument :
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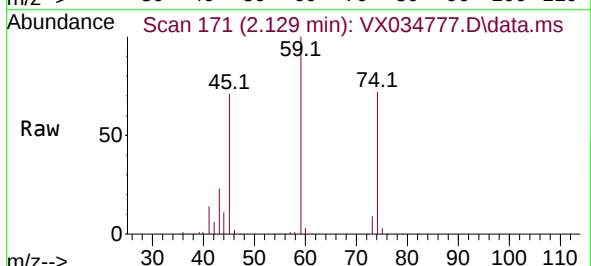
Tgt Ion:101 Resp: 10749
 Ion Ratio Lower Upper
 101 100
 103 68.3 52.1 78.1

Manual Integrations
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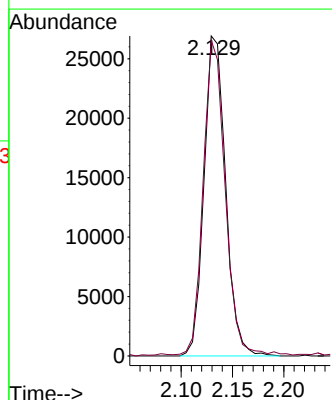
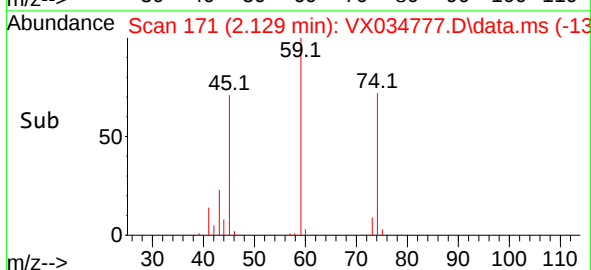
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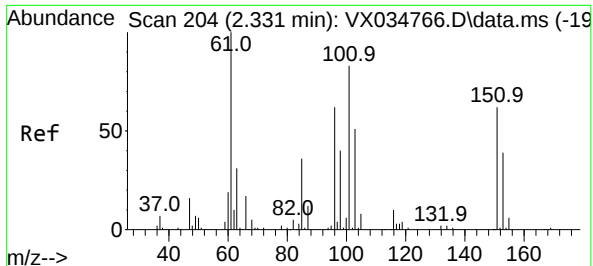


#8
 Diethyl Ether
 Concen: 21.724 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX034777.D
 Acq: 28 Mar 2023 03:57



Tgt Ion: 74 Resp: 39414
 Ion Ratio Lower Upper
 74 100
 45 99.9 20.5 184.5





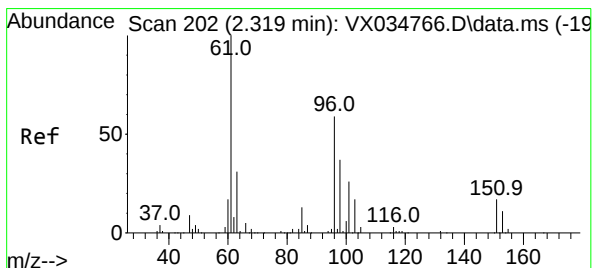
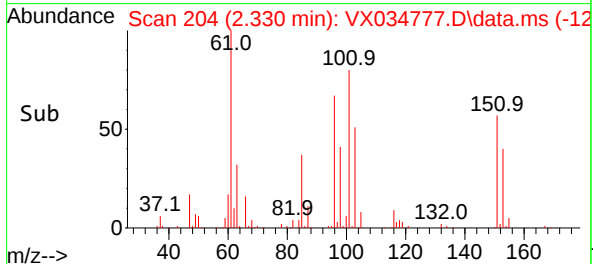
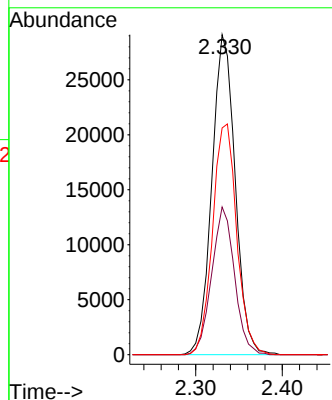
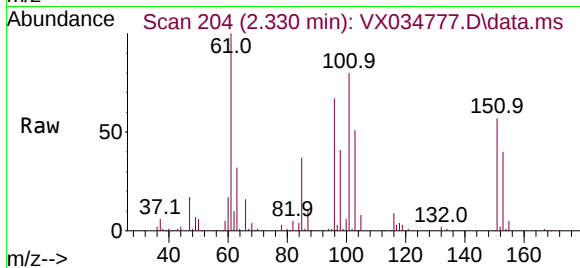
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.290 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 5443
Ion Ratio Lower Upper
101 100
85 45.2 0.0 88.8
151 74.7 0.0 147.6

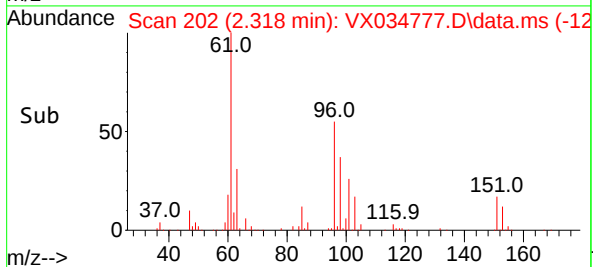
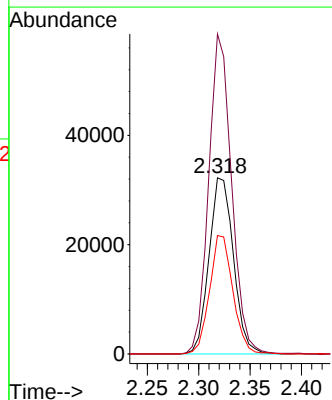
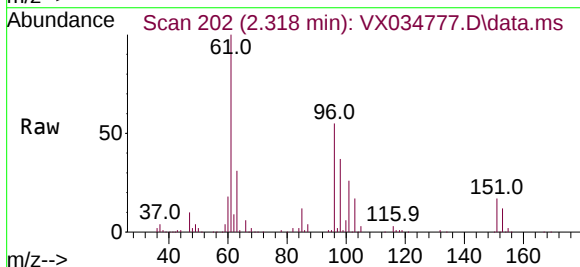
Manual Integrations
APPROVED

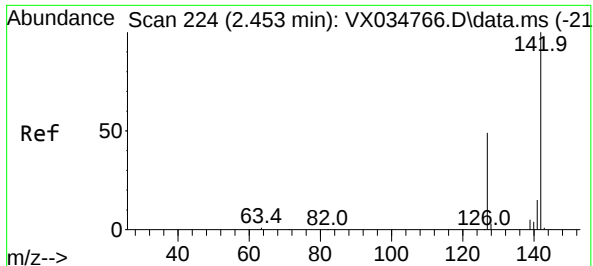
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#10
1,1-Dichloroethene
Concen: 20.627 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Tgt Ion: 96 Resp: 53387
Ion Ratio Lower Upper
96 100
61 181.7 135.8 203.6
98 67.3 49.8 74.6





#11

Methyl Iodide

Concen: 20.201 ug/l

RT: 2.452 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034777.D

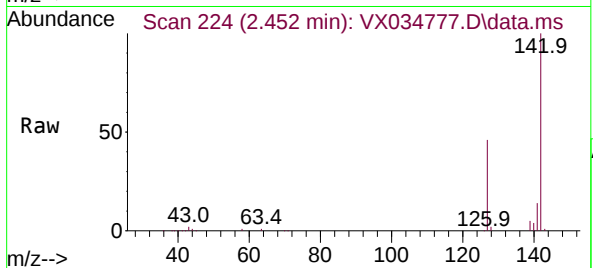
Acq: 28 Mar 2023 03:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion:142 Resp: 66580

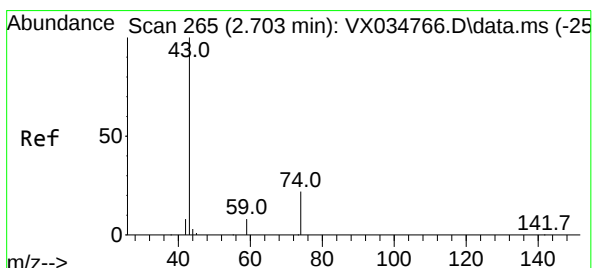
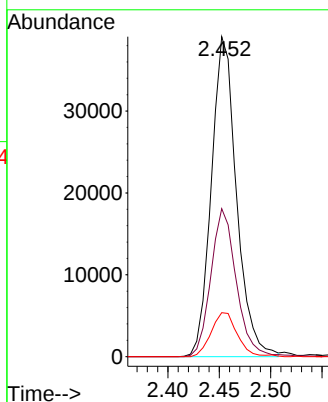
Ion	Ratio	Lower	Upper
142	100		
127	46.2	24.5	73.5
141	13.7	7.6	22.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#12

Methyl Acetate

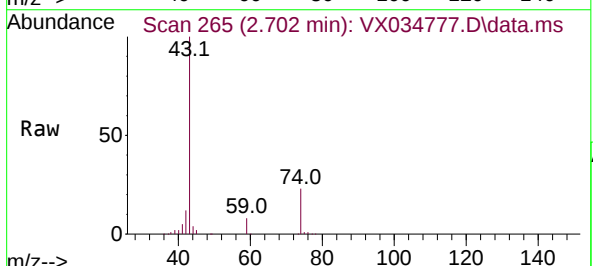
Concen: 21.370 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

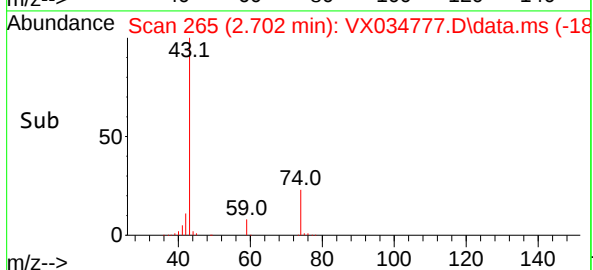
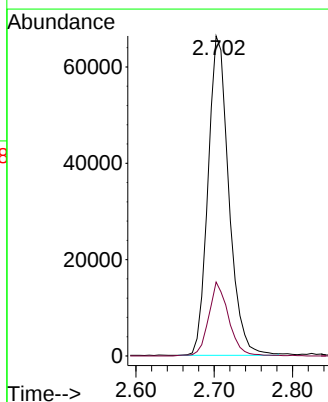
Lab File: VX034777.D

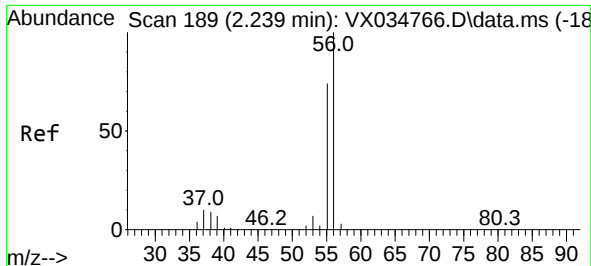
Acq: 28 Mar 2023 03:57



Tgt Ion: 43 Resp: 122484

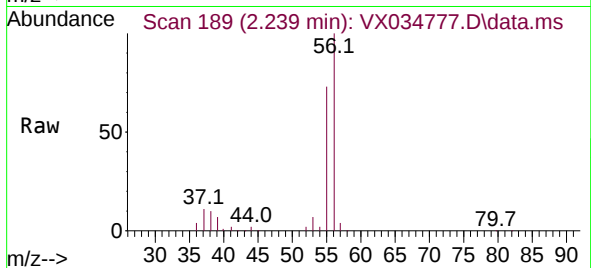
Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.0	27.0





#13
Acrolein
Concen: 99.336 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

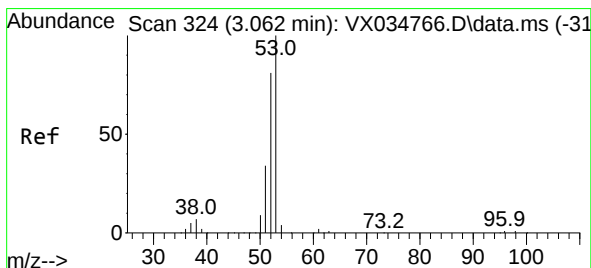
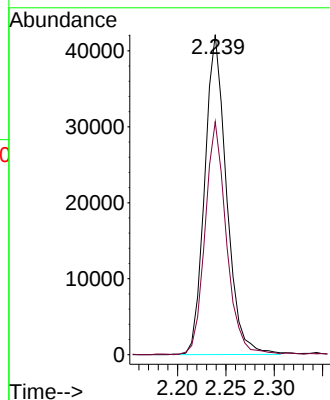
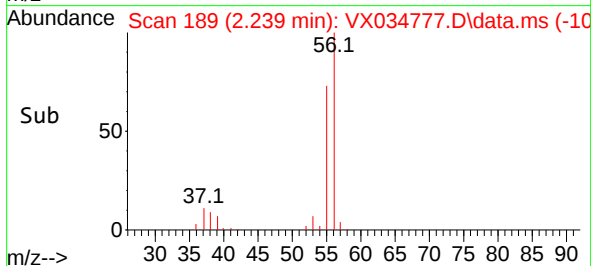
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



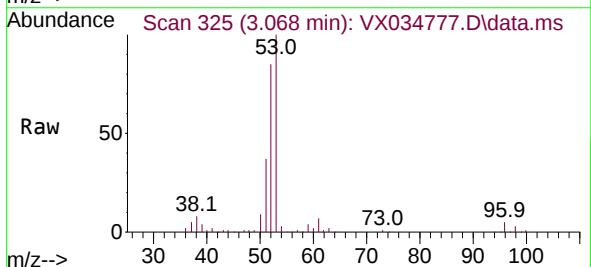
Tgt Ion: 56 Resp: 66025
Ion Ratio Lower Upper
56 100
55 71.2 56.6 85.0

Manual Integrations
APPROVED

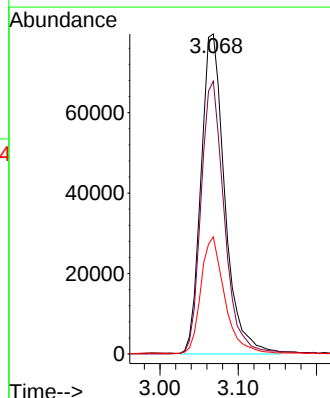
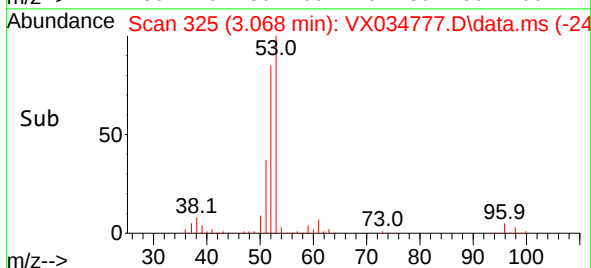
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

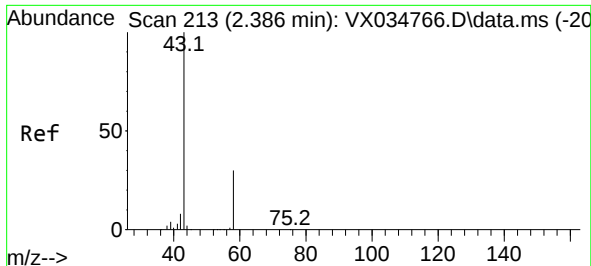


#14
Acrylonitrile
Concen: 106.635 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57



Tgt Ion: 53 Resp: 168301
Ion Ratio Lower Upper
53 100
52 83.7 41.3 123.7
51 36.2 17.9 53.7





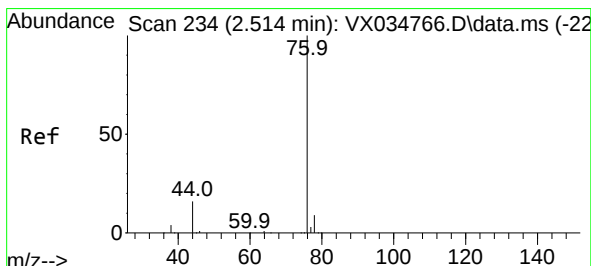
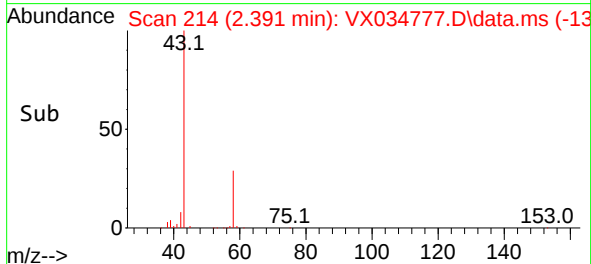
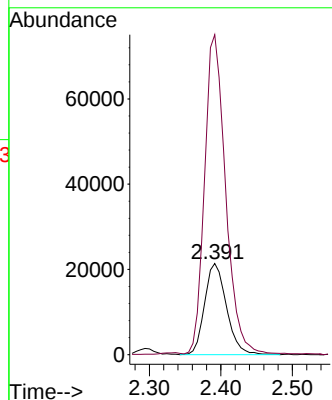
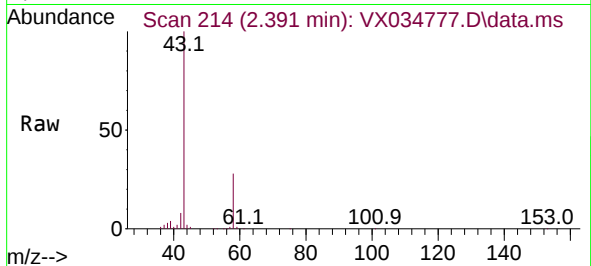
#15
Acetone
Concen: 106.307 ug/l
RT: 2.391 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 4555
Ion Ratio Lower Upper
58 100
43 349.6 270.8 406.2

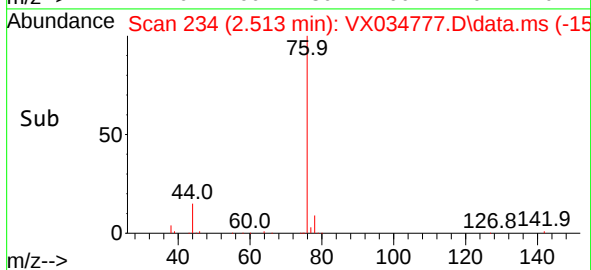
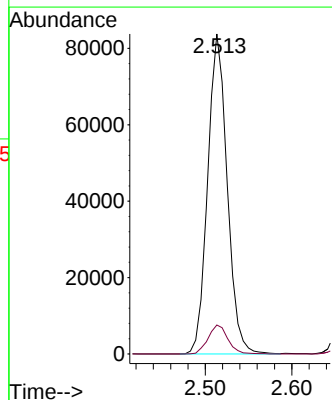
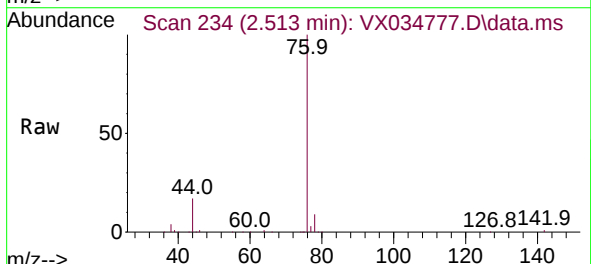
Manual Integrations
APPROVED

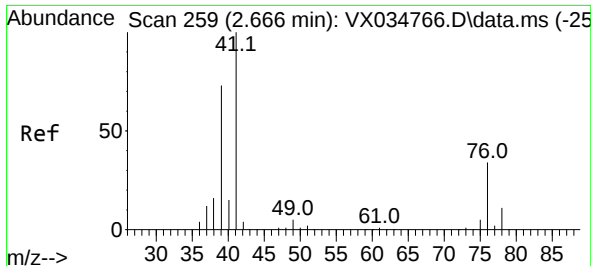
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#16
Carbon Disulfide
Concen: 19.799 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Tgt Ion: 76 Resp: 131076
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6





#17

Allyl chloride

Concen: 20.320 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX034777.D

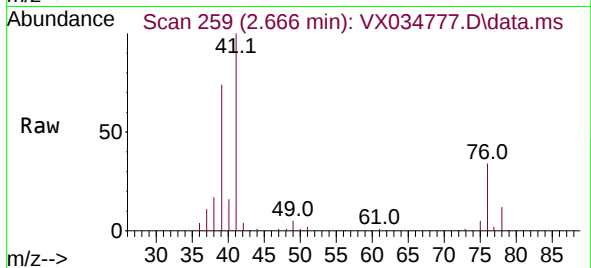
Acq: 28 Mar 2023 03:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



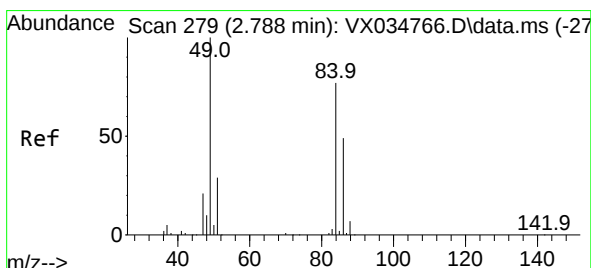
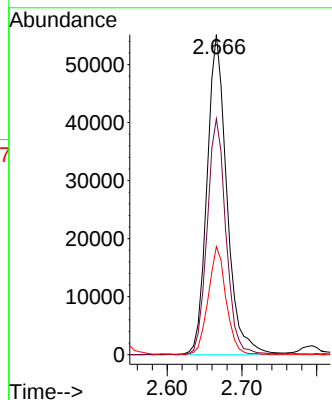
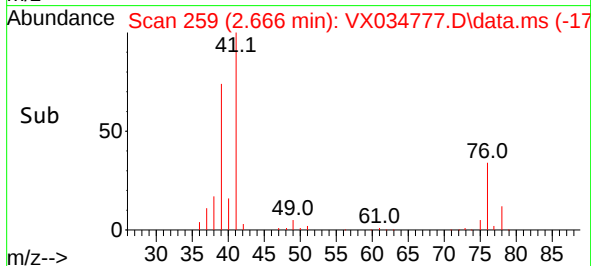
Tgt Ion:	41	Resp:	101770
Ion Ratio	100	Lower	Upper
41	100		
39	73.6	36.4	109.3
76	33.8	17.0	51.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#18

Methylene Chloride

Concen: 21.213 ug/l

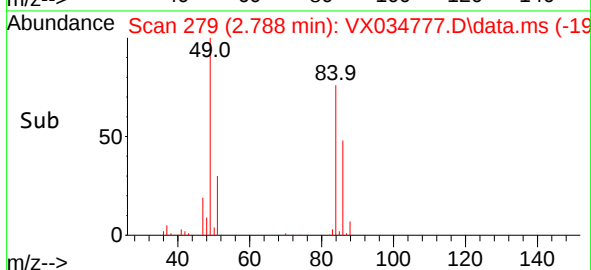
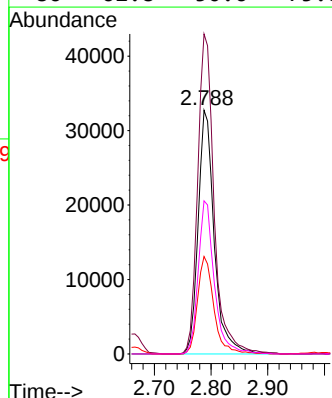
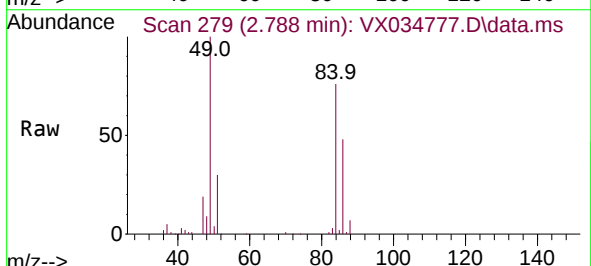
RT: 2.788 min Scan# 279

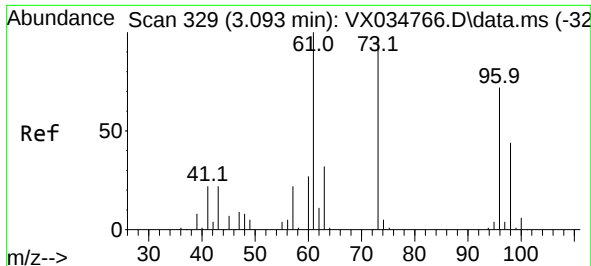
Delta R.T. -0.000 min

Lab File: VX034777.D

Acq: 28 Mar 2023 03:57

Tgt Ion:	84	Resp:	64676
Ion Ratio	100	Lower	Upper
84	100		
49	131.3	103.9	155.9
51	40.0	30.6	45.8
86	62.8	50.6	75.8





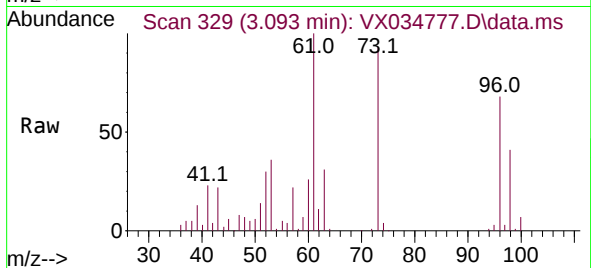
#19
trans-1,2-Dichloroethene
Concen: 20.933 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



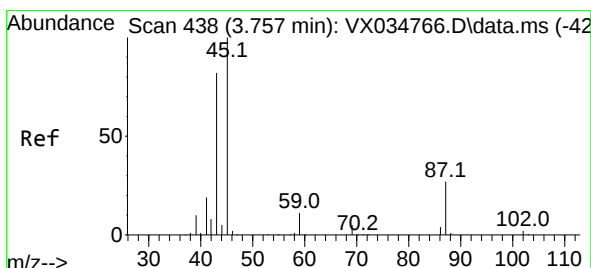
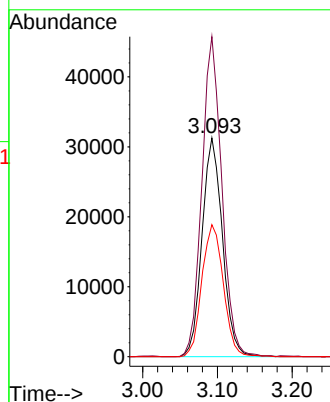
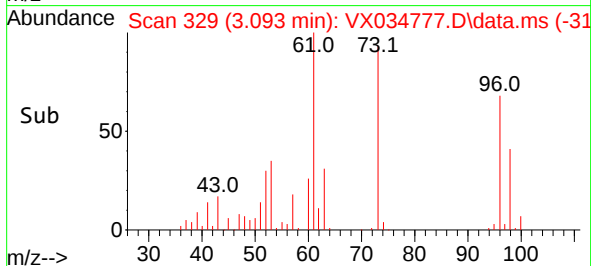
Tgt Ion: 96 Resp: 59280
Ion Ratio Lower Upper
96 100
61 146.1 111.1 166.7
98 60.4 48.6 72.8

Manual Integrations

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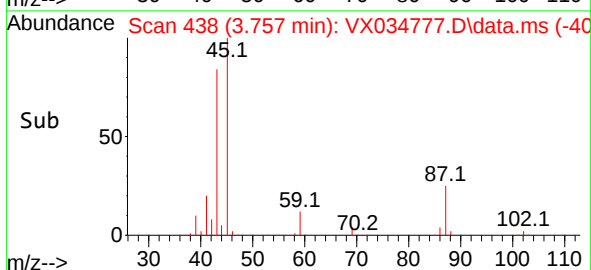
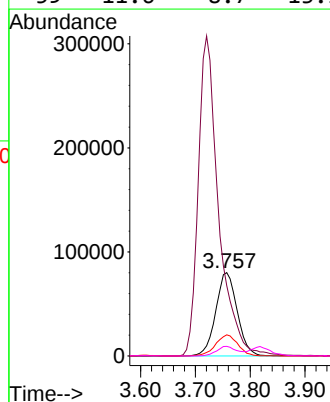
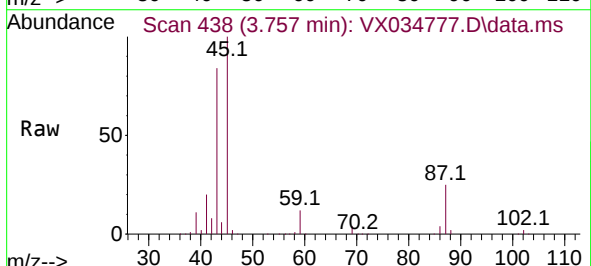
Reviewed By :Krupa Patel 03/29/2023

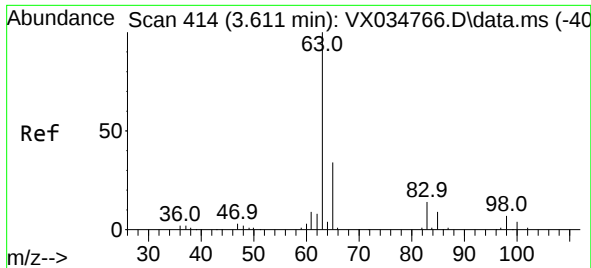
Supervised By :Semsettin Yesilyurt 03/29/2023



#20
Diisopropyl ether
Concen: 21.241 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Tgt Ion: 45 Resp: 217947
Ion Ratio Lower Upper
45 100
43 83.9 66.0 99.0
87 25.3 21.8 32.6
59 11.6 8.7 13.1





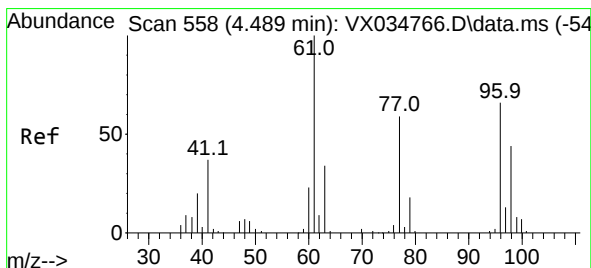
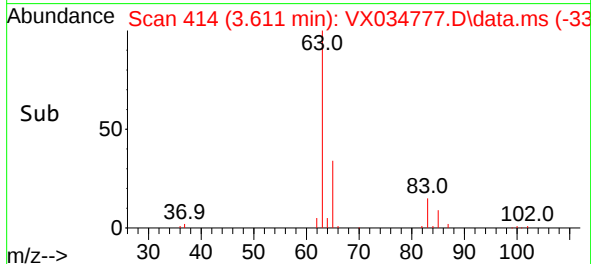
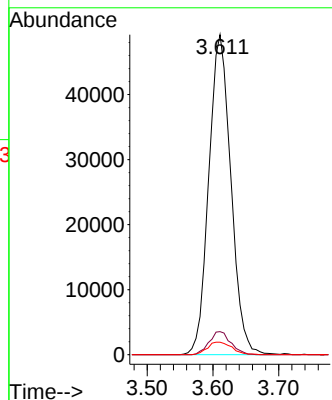
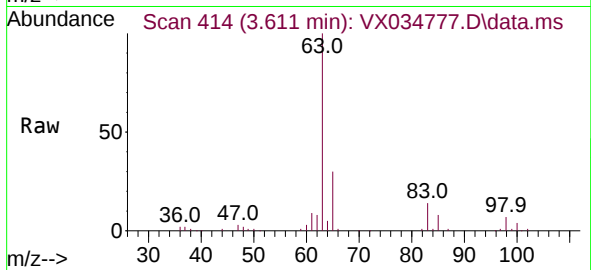
#21
1,1-Dichloroethane
Concen: 20.976 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 11508
Ion Ratio Lower Upper
63 100
98 7.2 3.5 10.6
100 3.9 2.2 6.6

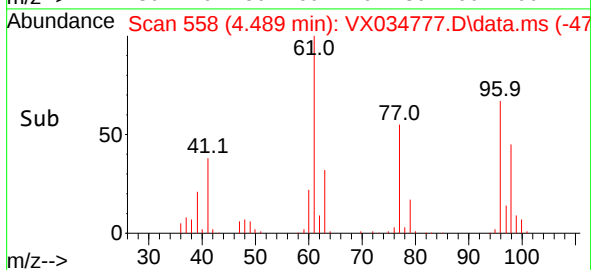
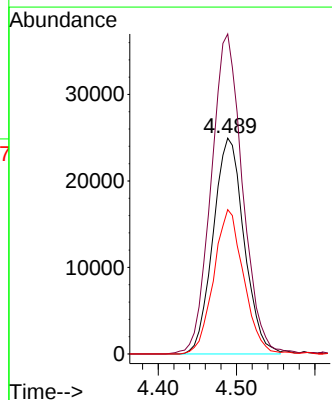
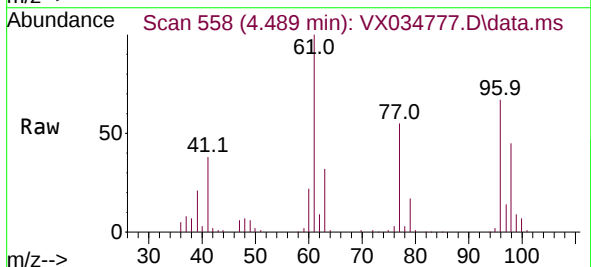
Manual Integrations
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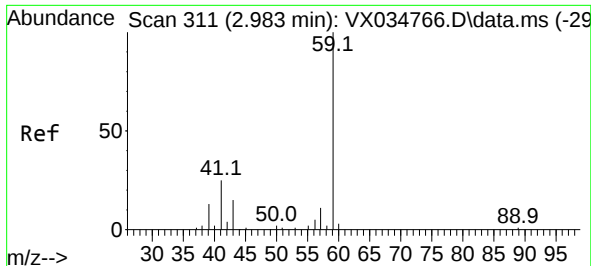
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#22
cis-1,2-Dichloroethene
Concen: 20.787 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Tgt Ion: 96 Resp: 68566
Ion Ratio Lower Upper
96 100
61 150.3 121.7 182.5
98 64.4 52.2 78.2





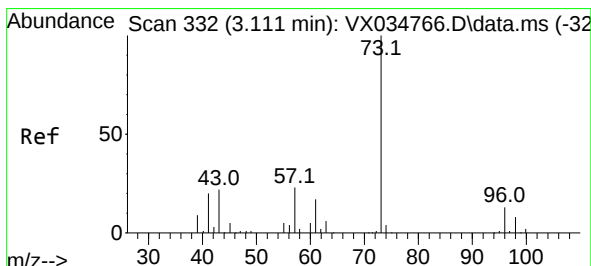
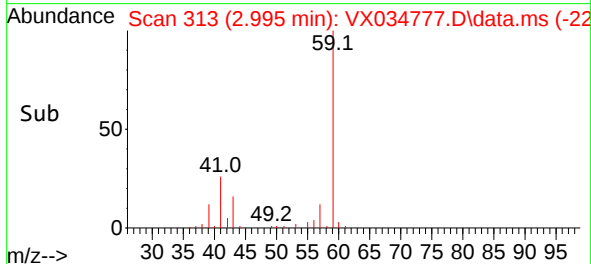
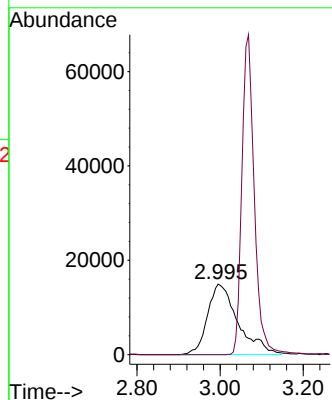
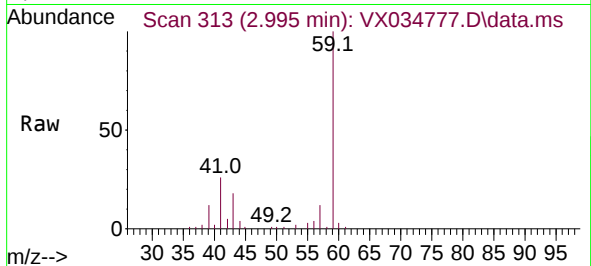
#23
tert-Butyl Alcohol
Concen: 107.686 ug/l m
RT: 2.995 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 76470
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

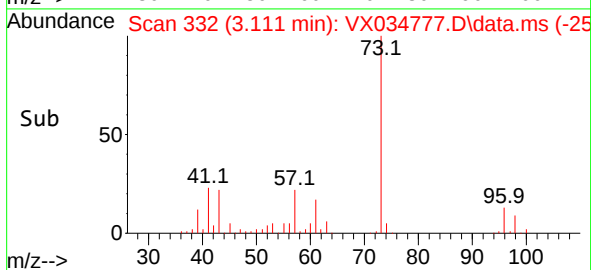
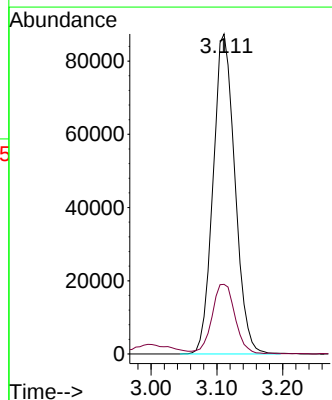
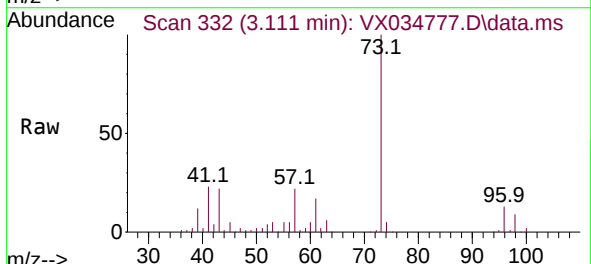
Manual Integrations
APPROVED

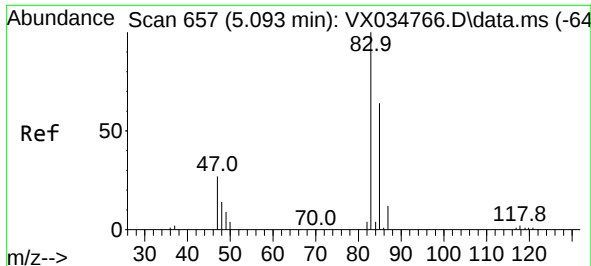
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#24
Methyl tert-Butyl Ether
Concen: 21.008 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

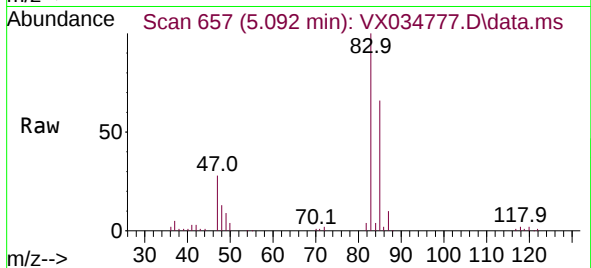
Tgt Ion: 73 Resp: 202055
Ion Ratio Lower Upper
73 100
43 22.6 17.9 26.9





#25
Chloroform
Concen: 20.580 ug/l
RT: 5.092 min Scan# 611
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

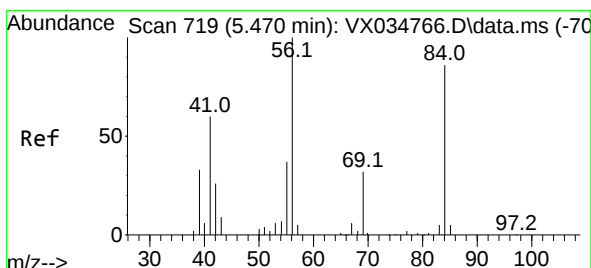
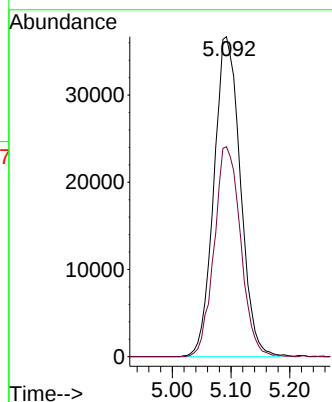
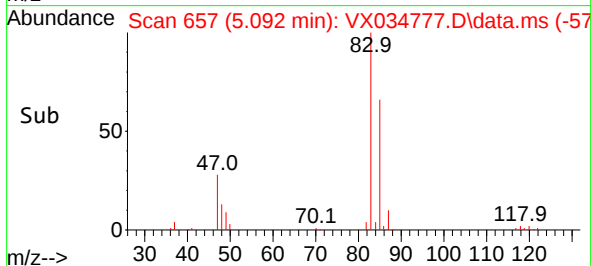
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 114844
Ion Ratio Lower Upper
83 100
85 65.6 51.2 76.8

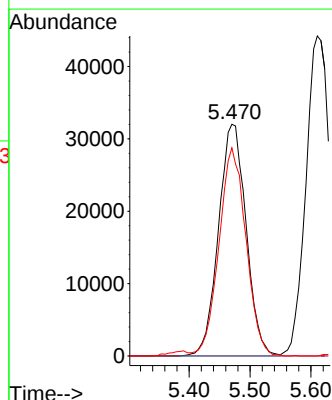
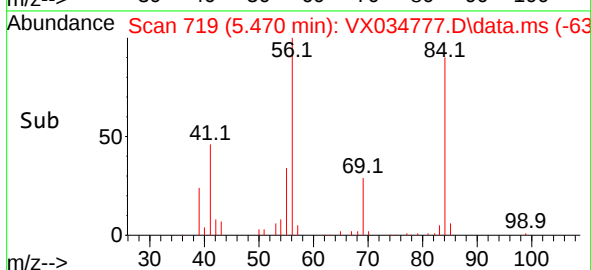
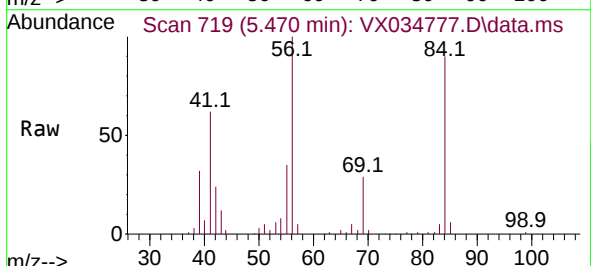
Manual Integrations
APPROVED

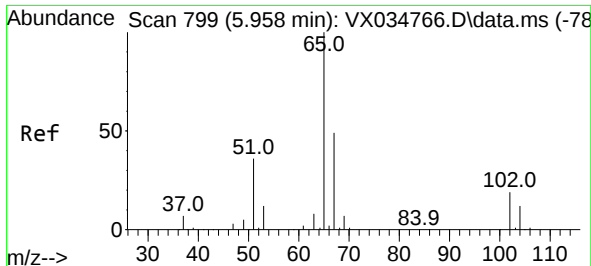
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#26
Cyclohexane
Concen: 20.931 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Tgt Ion: 56 Resp: 100634
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.9 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 30.847 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX034777.D

Acq: 28 Mar 2023 03:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 77284

Ion Ratio Lower Upper

65 100

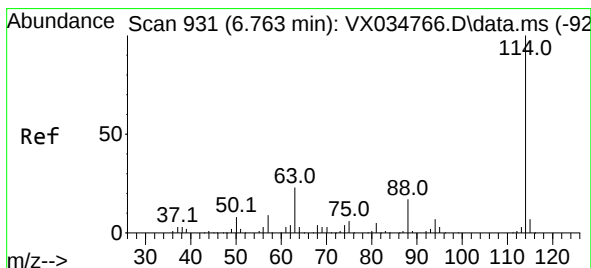
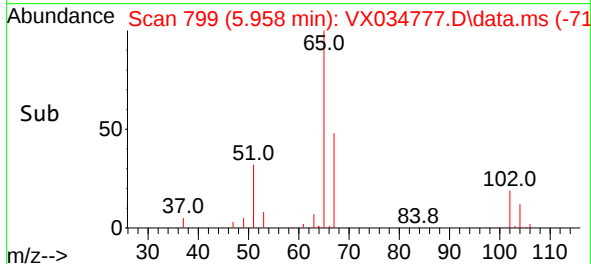
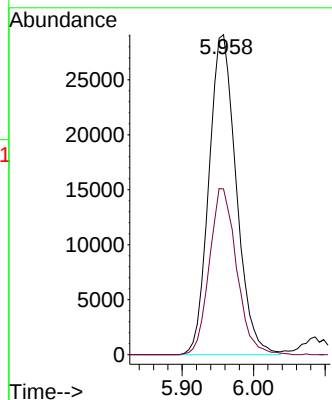
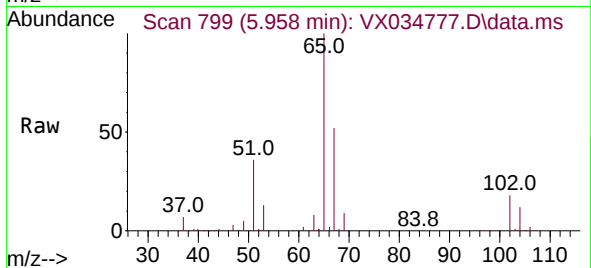
67 51.8 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX034777.D

Acq: 28 Mar 2023 03:57

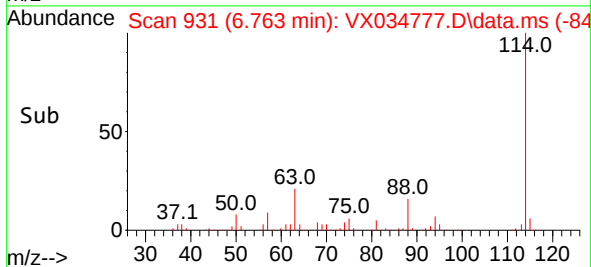
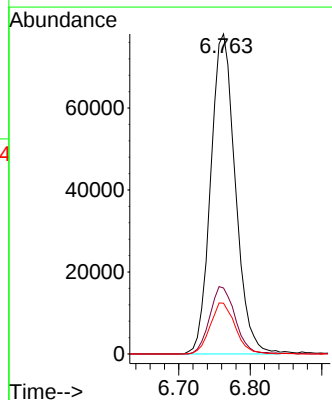
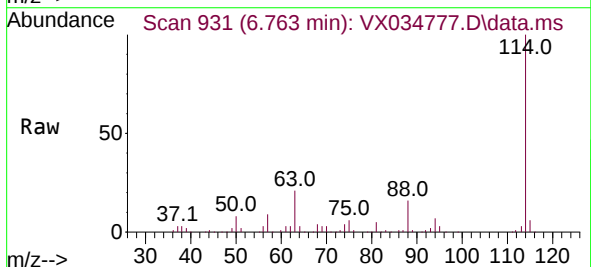
Tgt Ion:114 Resp: 186817

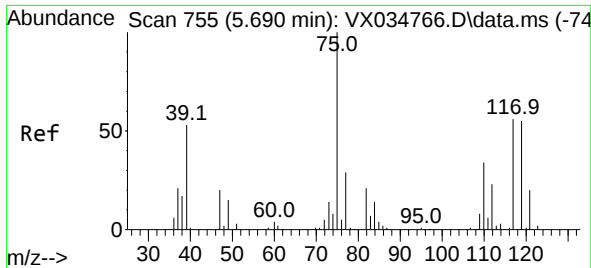
Ion Ratio Lower Upper

114 100

63 21.5 18.0 27.0

88 16.2 13.3 19.9





#29
1,1-Dichloropropene
Concen: 19.786 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Instrument :

MSVOA_X

ClientSampleId :

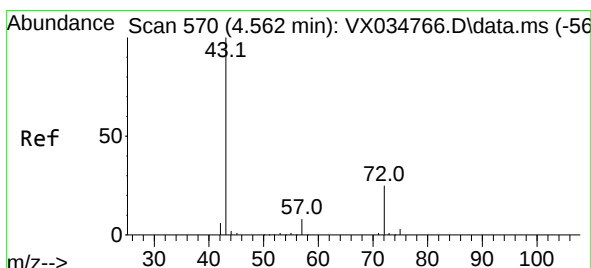
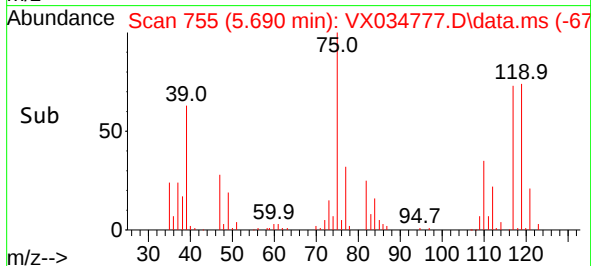
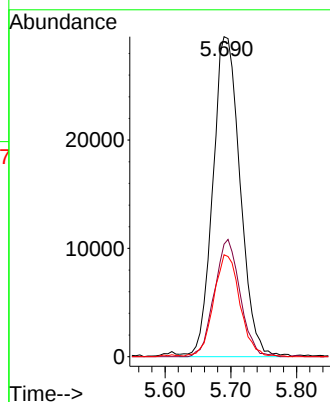
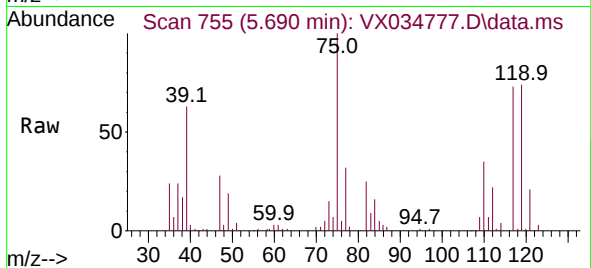
VSTDCCC020EC

Tgt Ion: 75 Resp: 85015
Ion Ratio Lower Upper
75 100
110 34.7 0.0 71.4
77 30.4 0.0 61.6

Manual Integrations

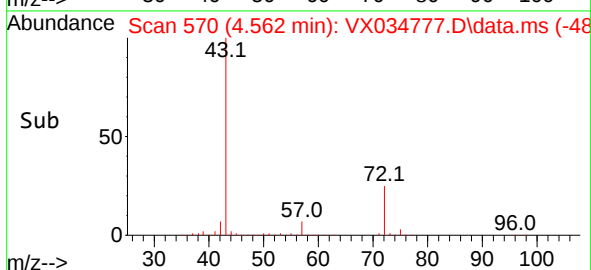
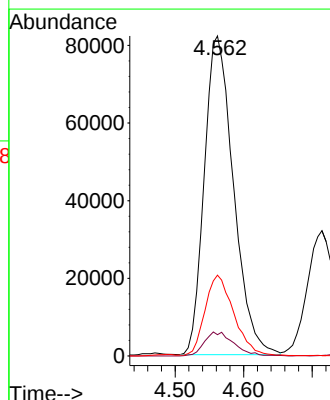
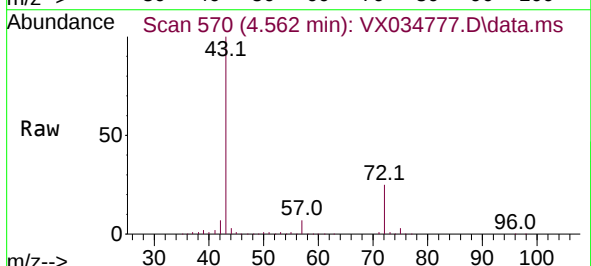
APPROVED

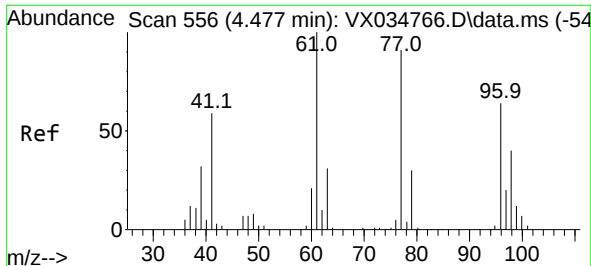
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#30
2-Butanone
Concen: 101.396 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

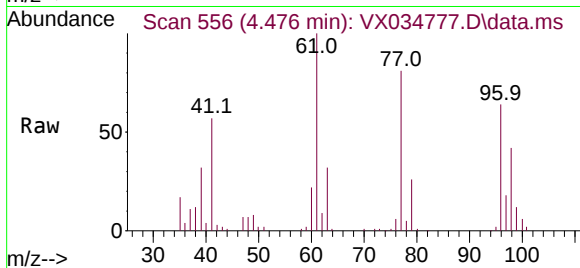
Tgt Ion: 43 Resp: 242970
Ion Ratio Lower Upper
43 100
57 7.5 6.3 9.5
72 25.1 19.6 29.4





#31
2,2-Dichloropropane
Concen: 17.518 ug/l
RT: 4.476 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

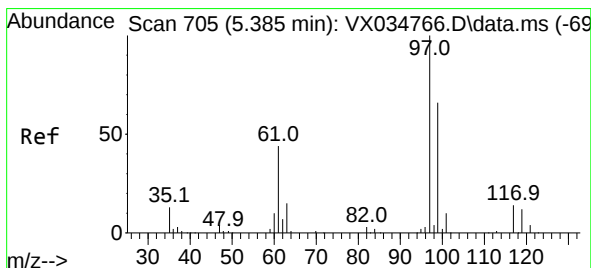
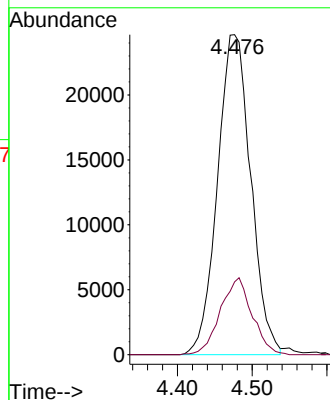
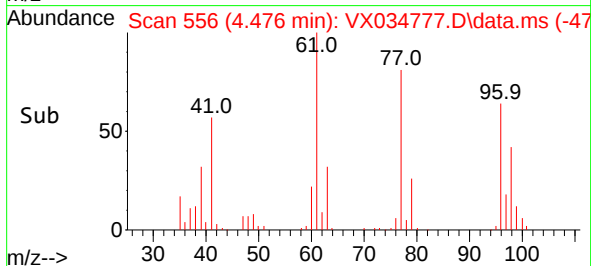
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 76334
Ion Ratio Lower Upper
77 100
97 22.9 18.2 27.4

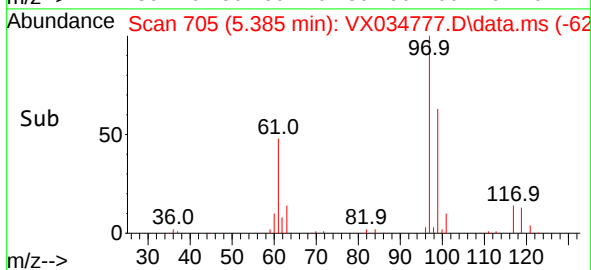
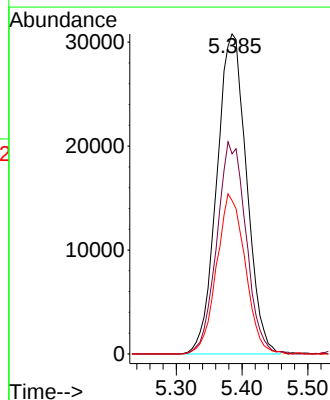
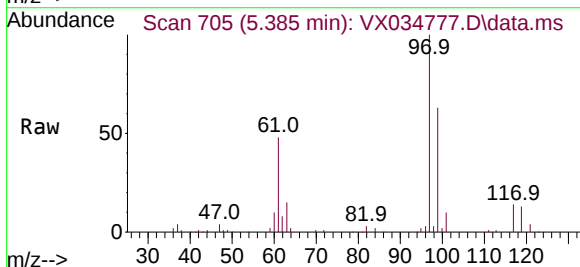
Manual Integrations
APPROVED

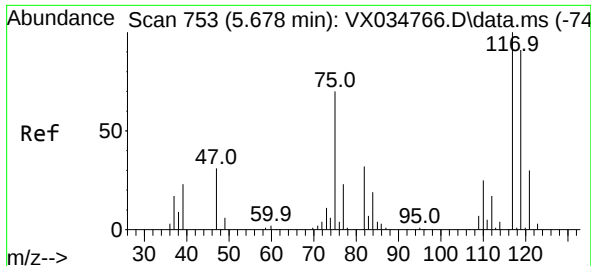
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#32
1,1,1-Trichloroethane
Concen: 19.260 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

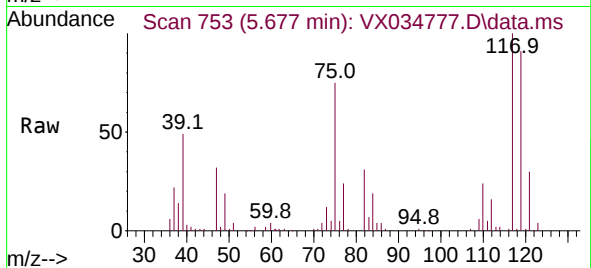
Tgt Ion: 97 Resp: 97086
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 48.0 36.6 55.0





#33
Carbon Tetrachloride
Concen: 19.001 ug/l
RT: 5.677 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

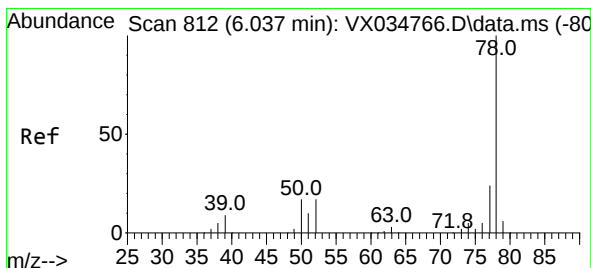
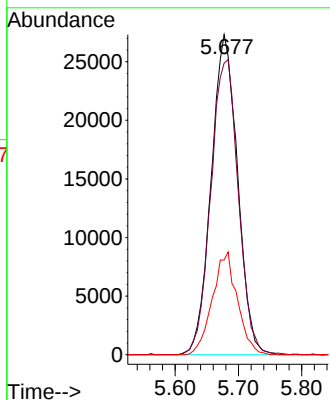
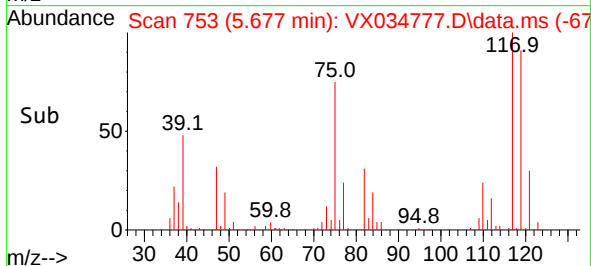
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



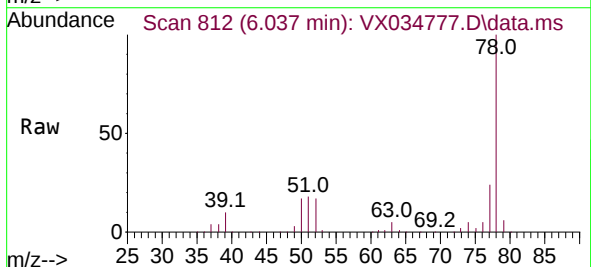
Tgt Ion:117 Resp: 79050
Ion Ratio Lower Upper
117 100
119 91.1 73.3 109.9
121 29.6 24.0 36.0

Manual Integrations
APPROVED

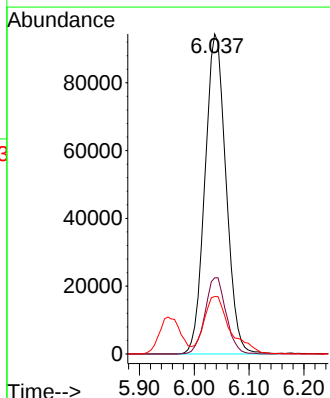
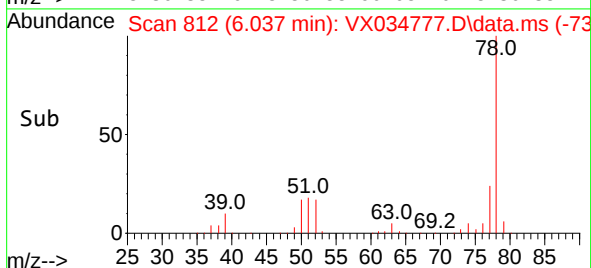
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

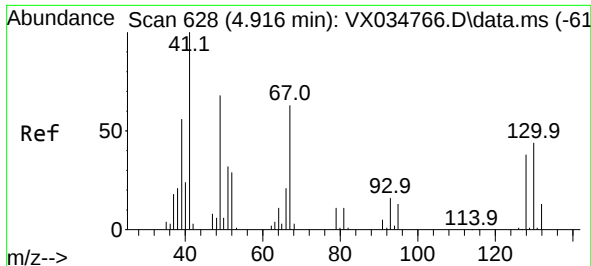


#34
Benzene
Concen: 20.148 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57



Tgt Ion: 78 Resp: 251575
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4
51 17.8 14.6 21.8





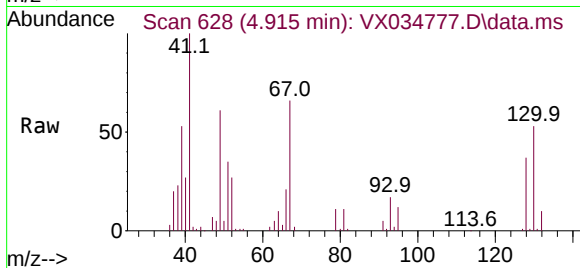
#35
Methacrylonitrile
Concen: 20.143 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



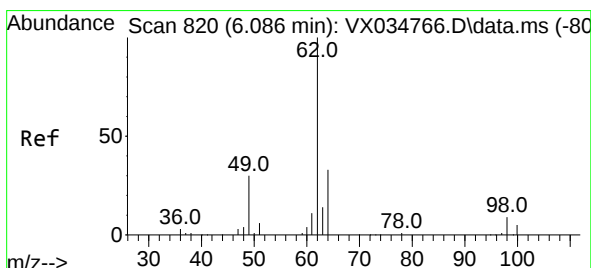
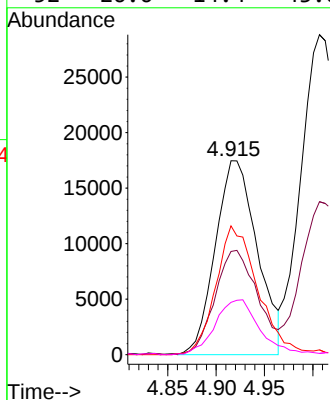
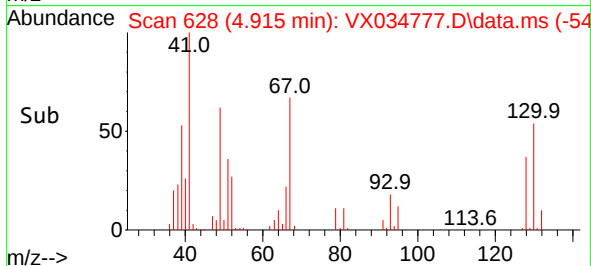
Tgt Ion:	41	Resp:	5282
Ion	Ratio	Lower	Upper
41	100		
39	52.7	28.0	84.0
67	66.0	31.6	94.7
52	26.6	14.4	43.0

Manual Integrations

APPROVED

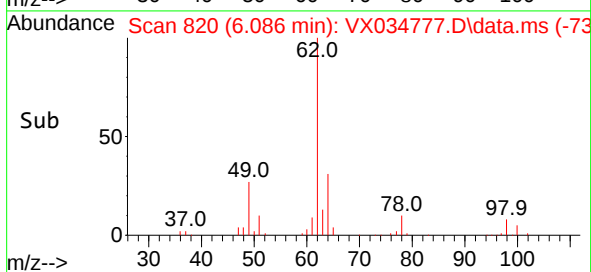
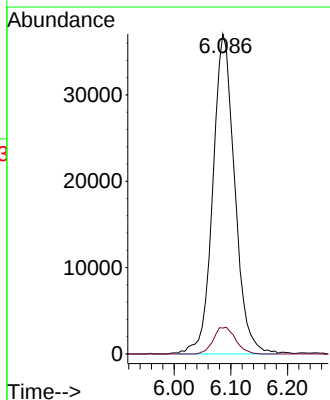
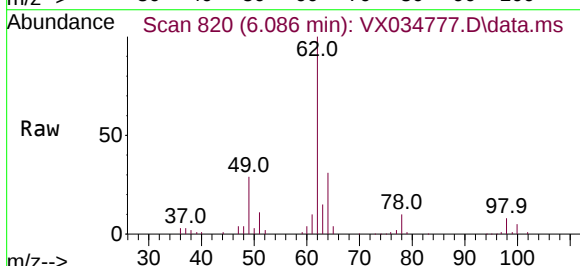
Reviewed By :Krupa Patel 03/29/2023

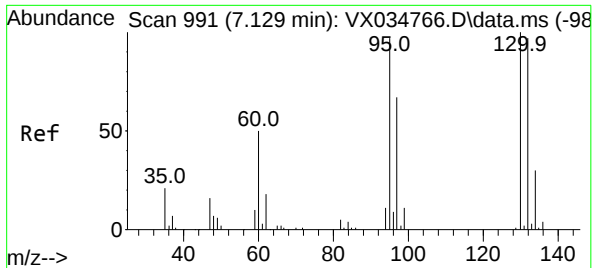
Supervised By :Semsettin Yesilyurt 03/29/2023



#36
1,2-Dichloroethane
Concen: 20.328 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

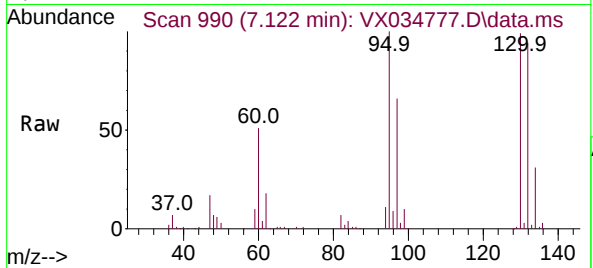
Tgt Ion:	62	Resp:	99521
Ion	Ratio	Lower	Upper
62	100		
98	8.4	7.0	10.6





#37
Trichloroethene
Concen: 19.439 ug/l
RT: 7.122 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

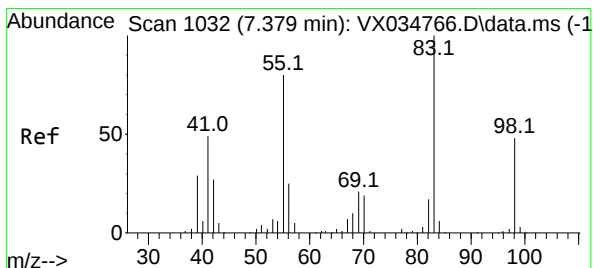
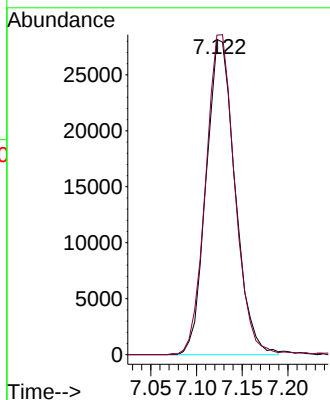
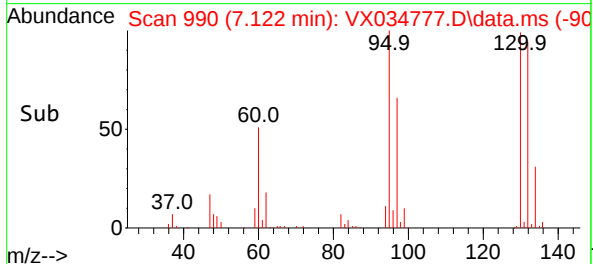
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



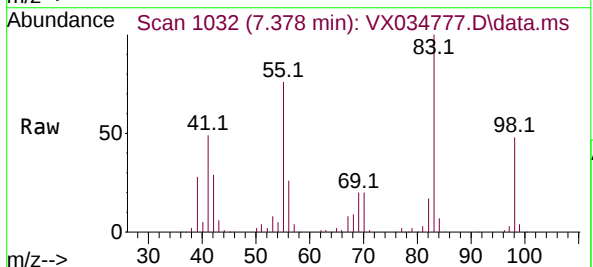
Tgt Ion:130 Resp: 61775
Ion Ratio Lower Upper
130 100
95 101.0 77.8 116.6

Manual Integrations
APPROVED

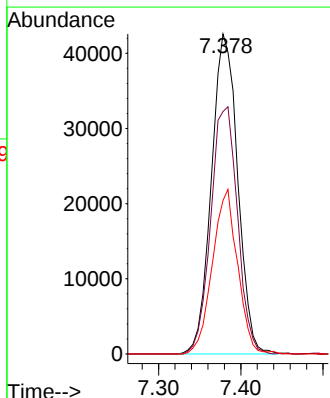
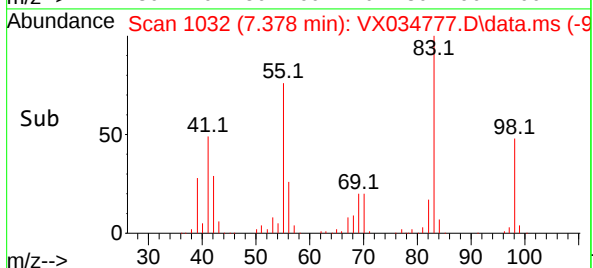
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

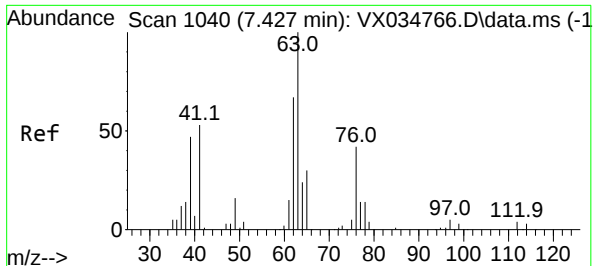


#38
Methylcyclohexane
Concen: 20.159 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57



Tgt Ion: 83 Resp: 94635
Ion Ratio Lower Upper
83 100
55 78.6 38.8 116.4
98 49.1 23.8 71.2





#39

1,2-Dichloropropane

Concen: 20.044 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034777.D

Acq: 28 Mar 2023 03:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 65050

Ion Ratio Lower Upper

63 100

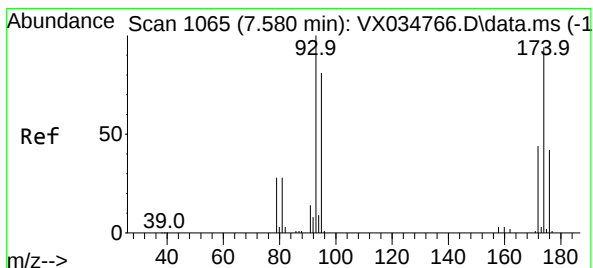
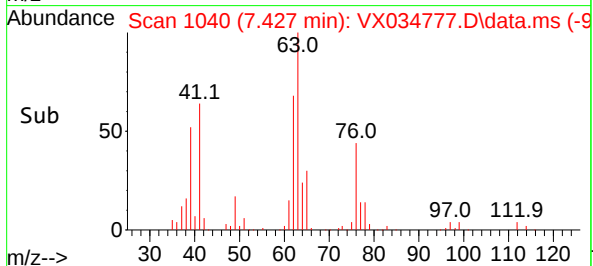
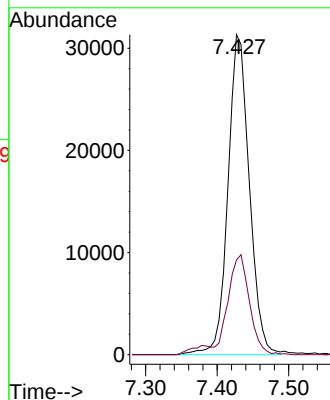
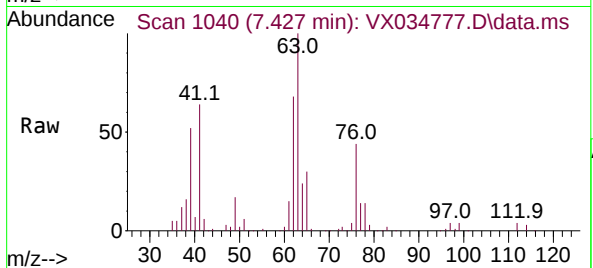
65 29.4 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#40

Dibromomethane

Concen: 19.837 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX034777.D

Acq: 28 Mar 2023 03:57

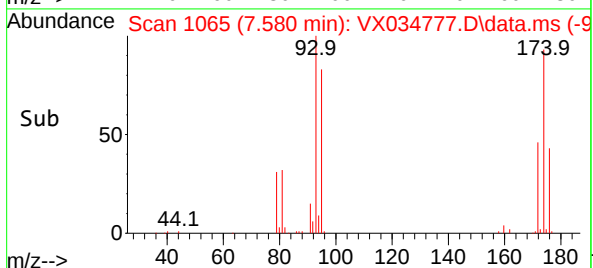
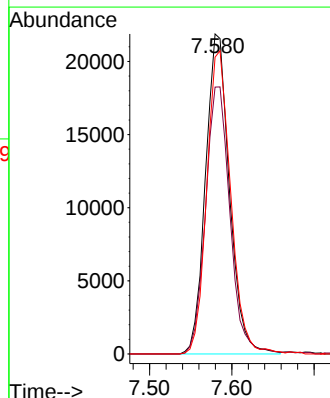
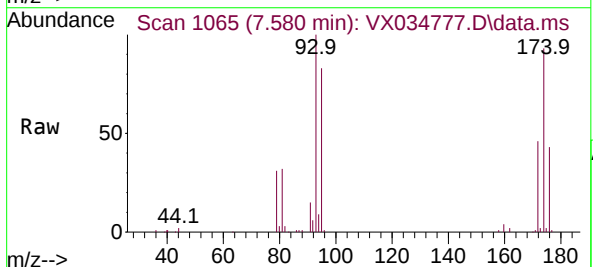
Tgt Ion: 93 Resp: 44229

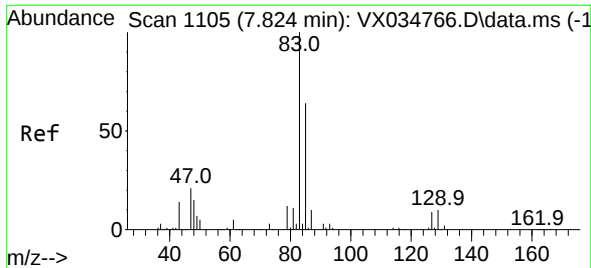
Ion Ratio Lower Upper

93 100

95 85.1 0.0 165.8

174 94.7 0.0 188.8





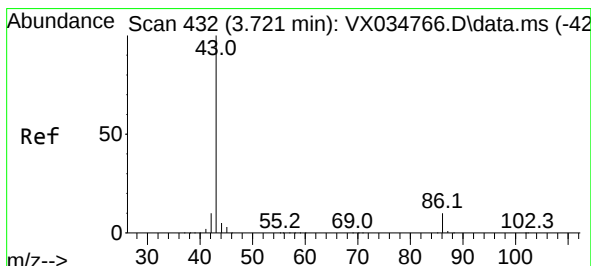
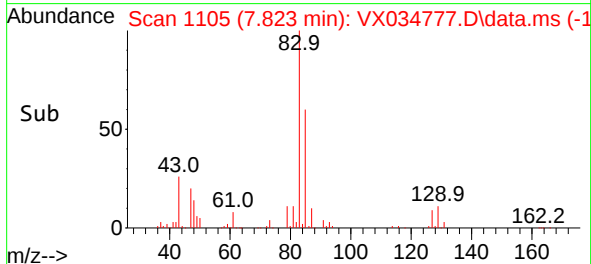
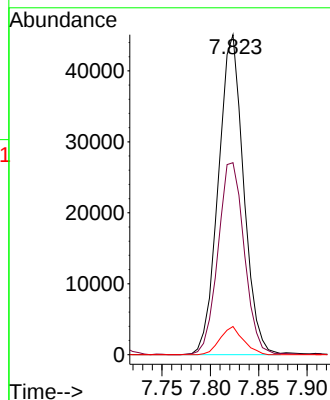
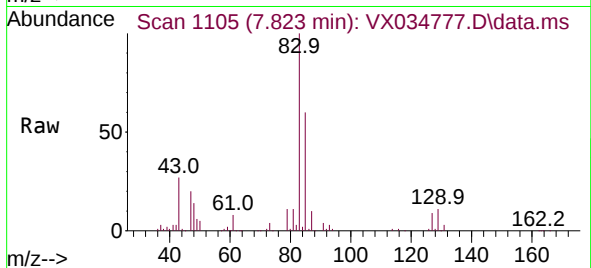
#41
Bromodichloromethane
Concen: 19.488 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 8184
Ion Ratio Lower Upper
83 100
85 60.0 51.1 76.7
127 8.8 8.2 12.4

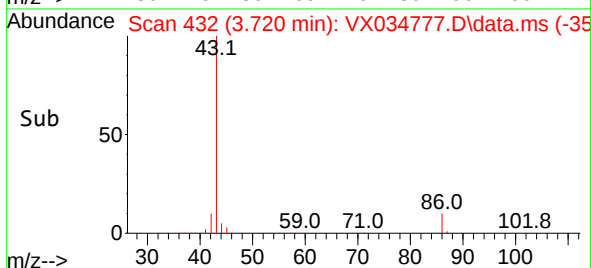
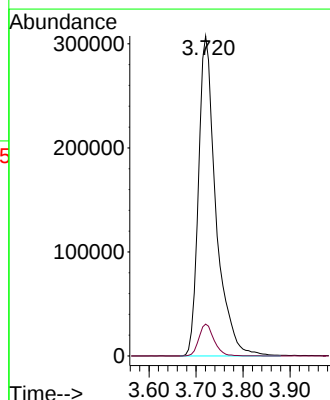
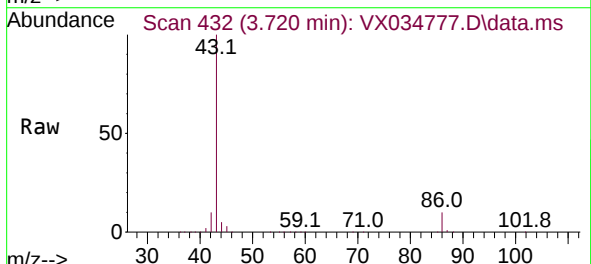
Manual Integrations
APPROVED

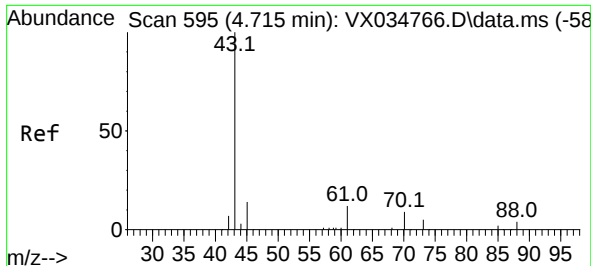
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#42
Vinyl Acetate
Concen: 101.795 ug/l
RT: 3.720 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

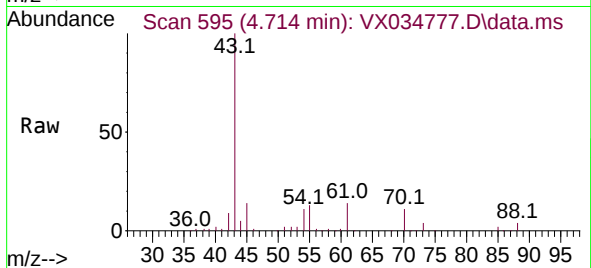
Tgt Ion: 43 Resp: 795779
Ion Ratio Lower Upper
43 100
86 8.6 6.9 10.3





#43
Ethyl Acetate
Concen: 20.868 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

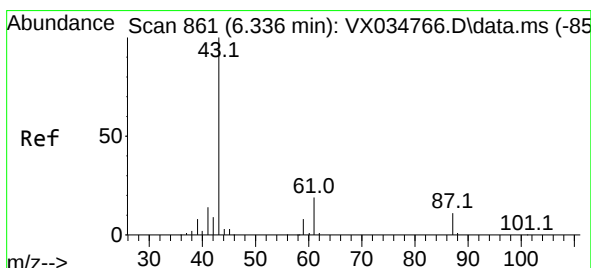
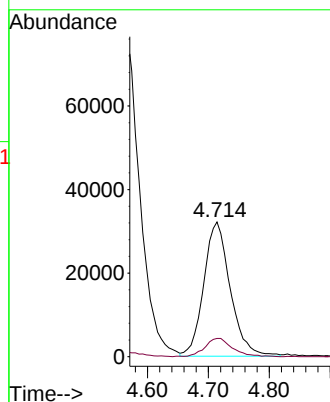
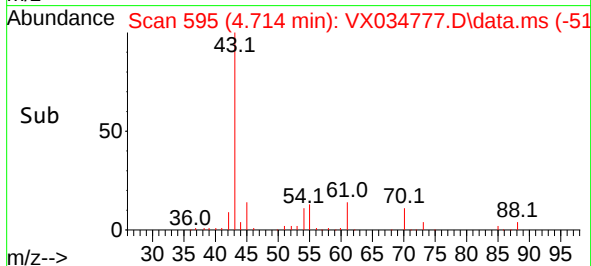
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



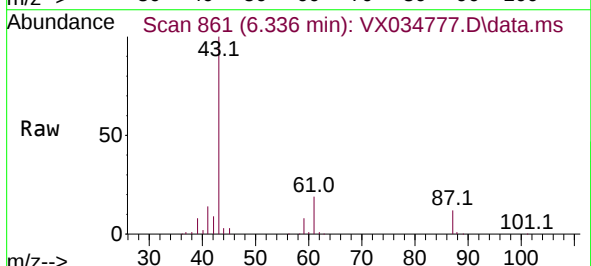
Tgt Ion: 43 Resp: 9698
Ion Ratio Lower Upper
43 100
45 14.0 12.0 18.0

Manual Integrations
APPROVED

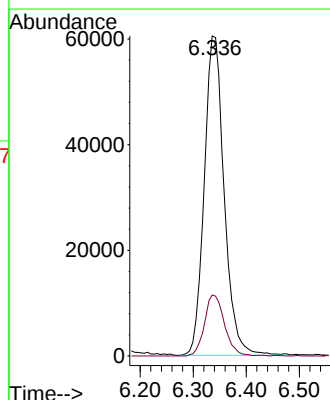
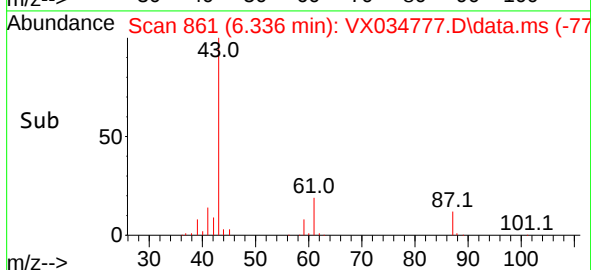
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

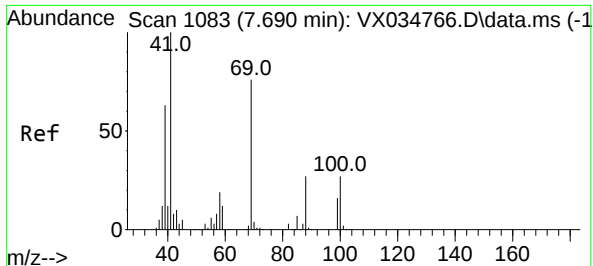


#44
Isopropyl Acetate
Concen: 20.070 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57



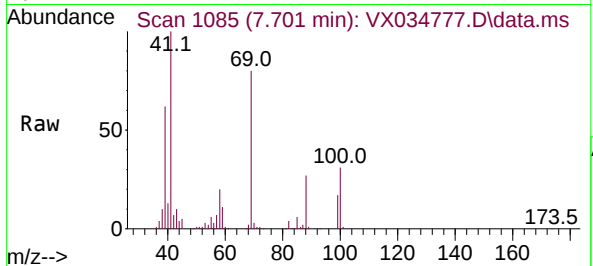
Tgt Ion: 43 Resp: 157896
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0





#45
1,4-Dioxane
Concen: 422.284 ug/l
RT: 7.701 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

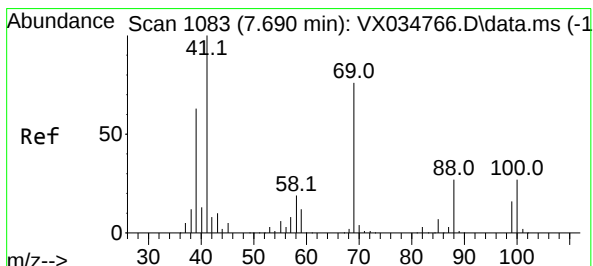
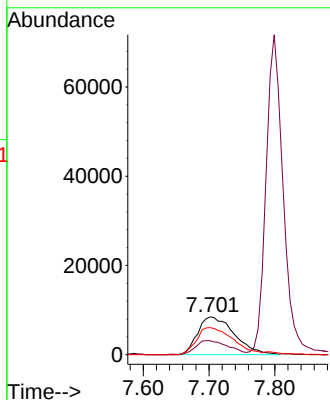
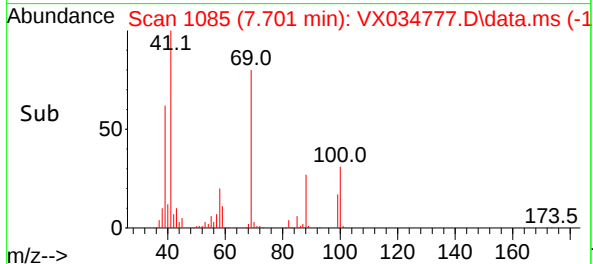
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



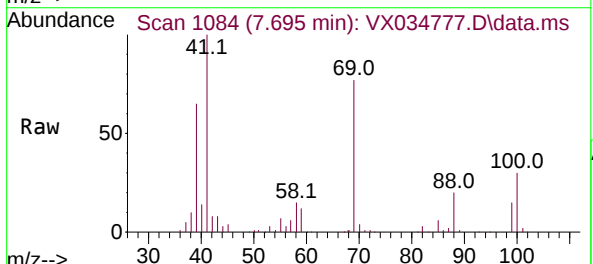
Tgt Ion: 88 Resp: 32914
Ion Ratio Lower Upper
88 100
43 32.1 26.5 39.7
58 70.4 55.6 83.4

Manual Integrations
APPROVED

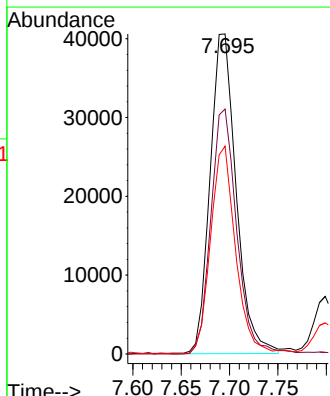
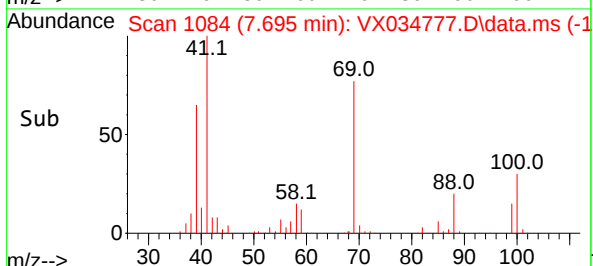
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

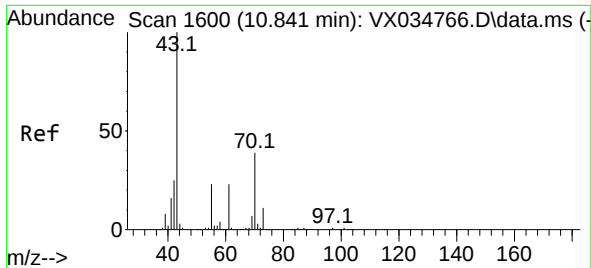


#46
Methyl methacrylate
Concen: 19.803 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57



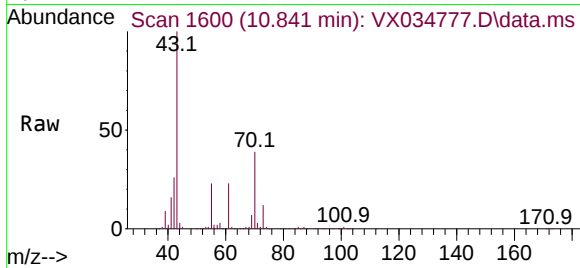
Tgt Ion: 41 Resp: 75911
Ion Ratio Lower Upper
41 100
69 76.7 38.1 114.5
39 65.1 31.4 94.3





#47
n-amyl acetate
Concen: 19.324 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

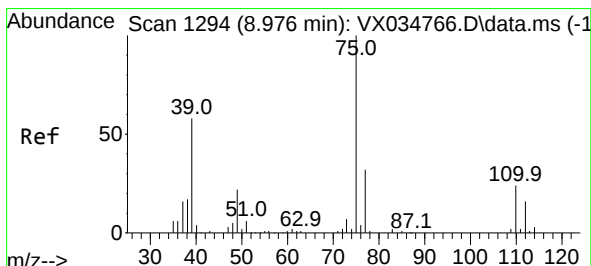
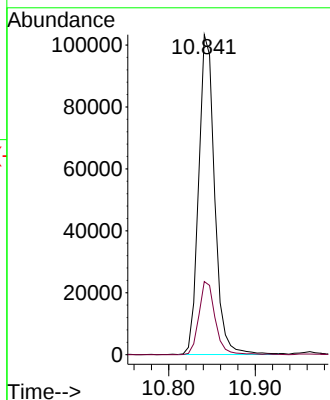
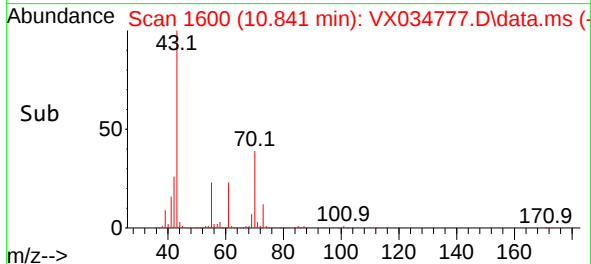
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 132170
Ion Ratio Lower Upper
43 100
55 23.0 18.6 28.0

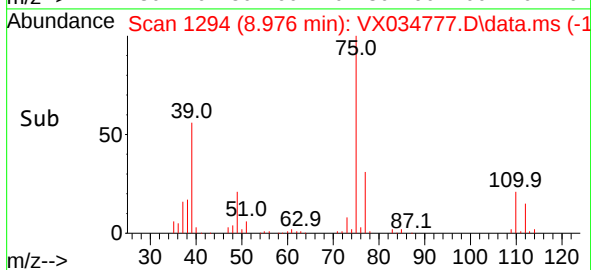
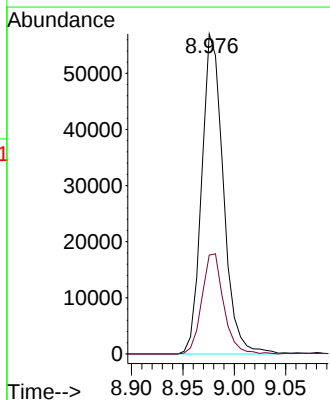
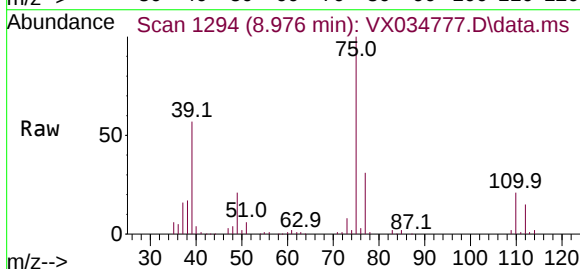
Manual Integrations
APPROVED

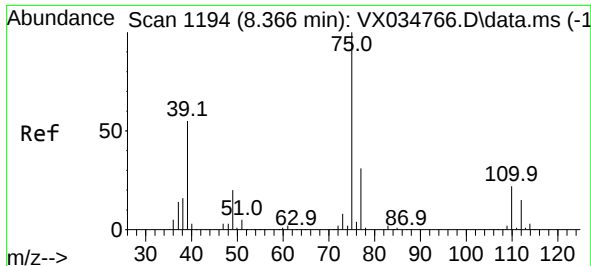
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#48
t-1,3-Dichloropropene
Concen: 18.286 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Tgt Ion: 75 Resp: 83674
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 18.545 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034777.D

Acq: 28 Mar 2023 03:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 93220

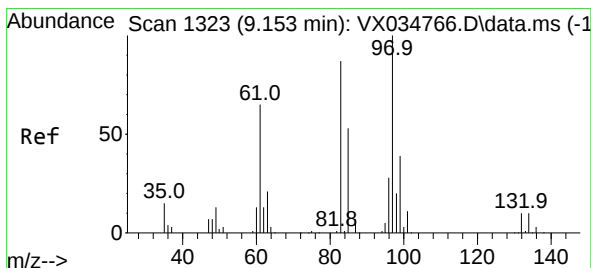
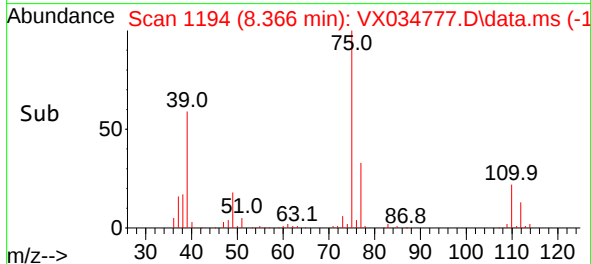
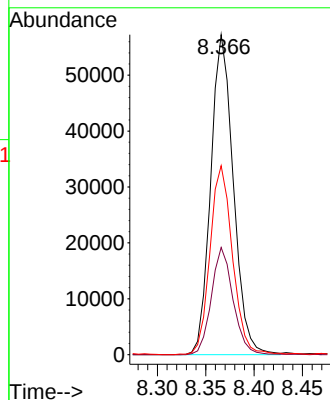
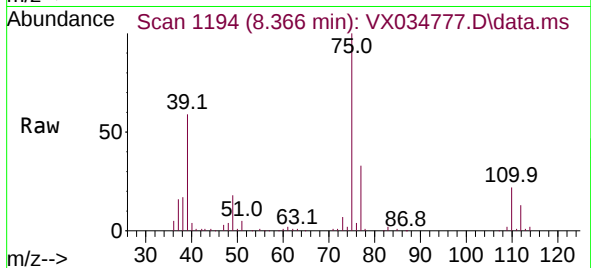
Ion	Ratio	Lower	Upper
75	100		
77	33.5	24.6	37.0
39	58.9	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#50

1,1,2-Trichloroethane

Concen: 20.461 ug/l

RT: 9.152 min Scan# 1323

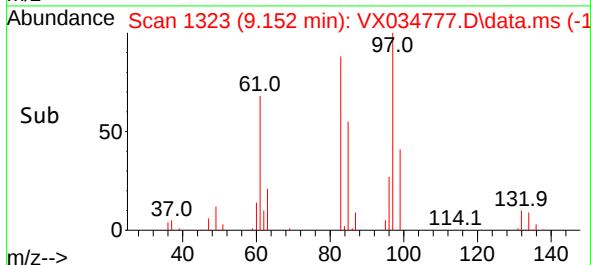
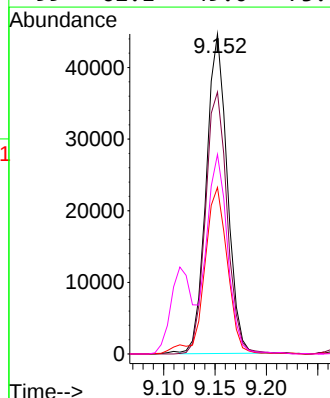
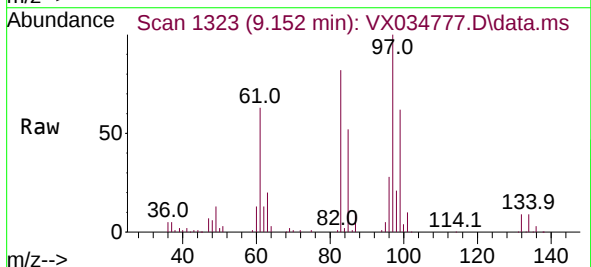
Delta R.T. -0.000 min

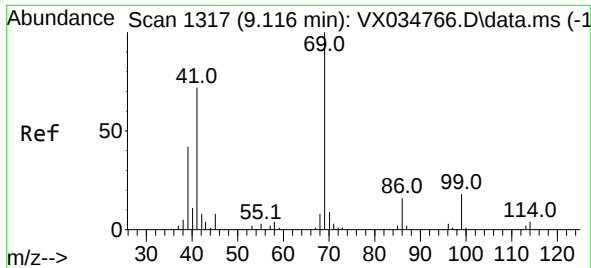
Lab File: VX034777.D

Acq: 28 Mar 2023 03:57

Tgt Ion: 97 Resp: 63554

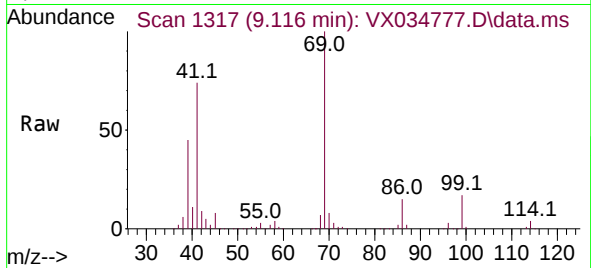
Ion	Ratio	Lower	Upper
97	100		
83	81.9	68.9	103.3
85	51.9	44.0	66.0
99	62.1	49.0	73.4





#51
Ethyl methacrylate
Concen: 19.451 ug/l
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

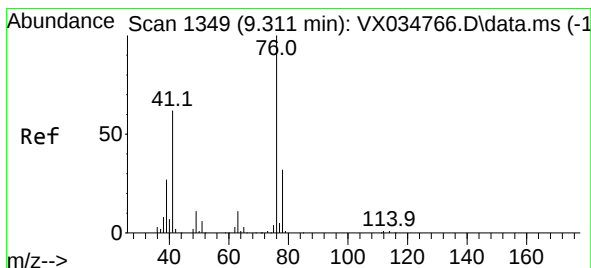
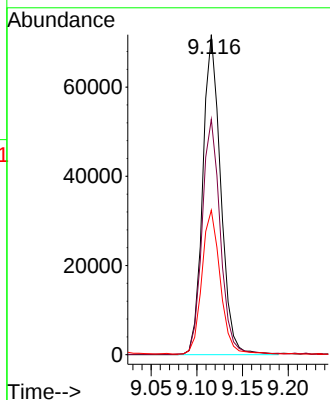
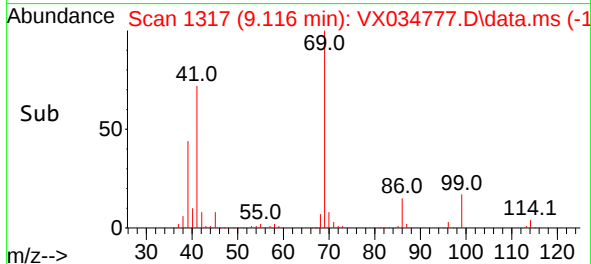
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



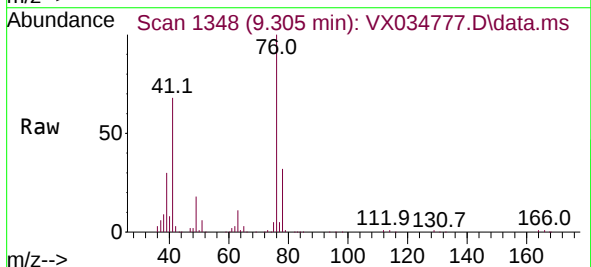
Tgt Ion: 69 Resp: 98062
Ion Ratio Lower Upper
69 100
41 73.3 36.2 108.6
39 45.0 21.2 63.6

Manual Integrations
APPROVED

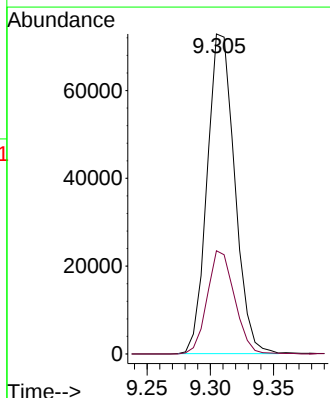
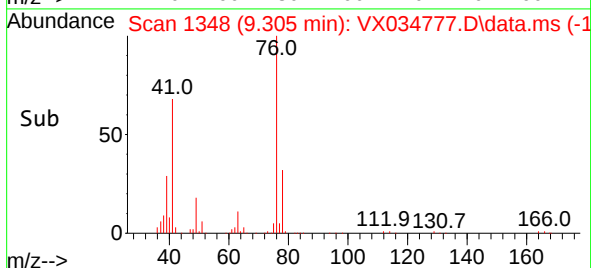
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

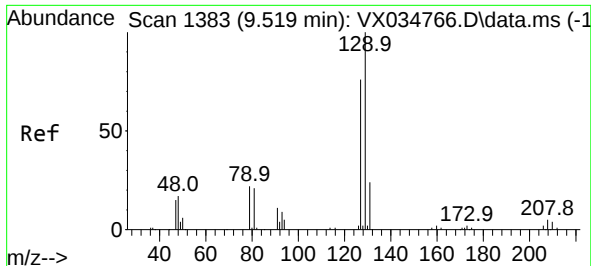


#52
1,3-Dichloropropane
Concen: 20.074 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57



Tgt Ion: 76 Resp: 110147
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.8





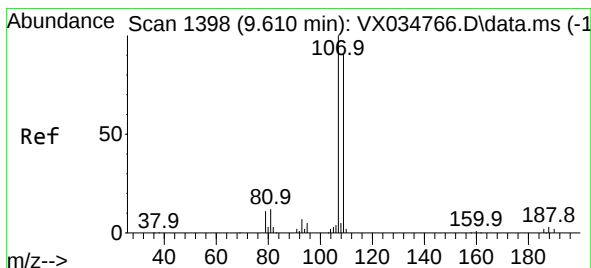
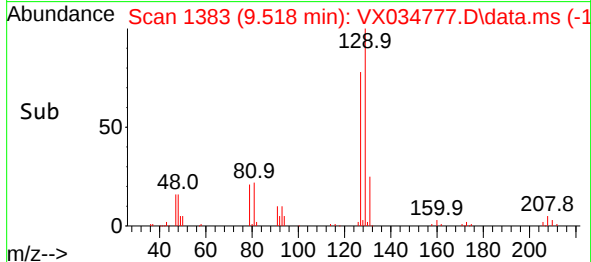
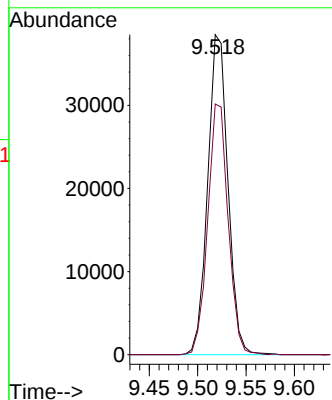
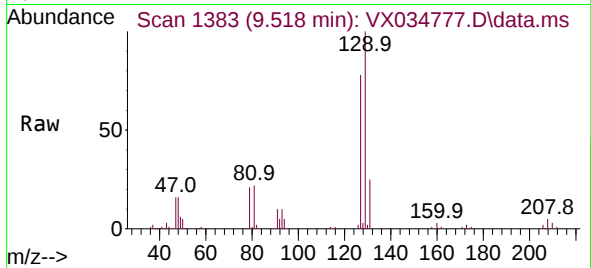
#53
Dibromochloromethane
Concen: 18.260 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 56109
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.5

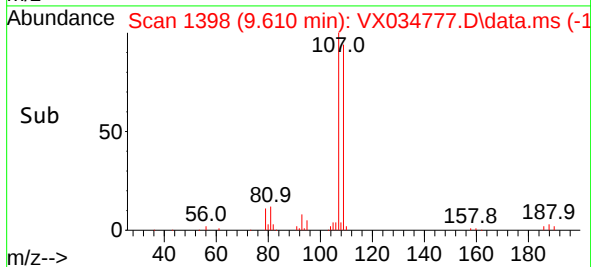
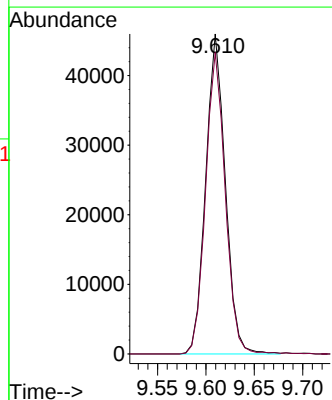
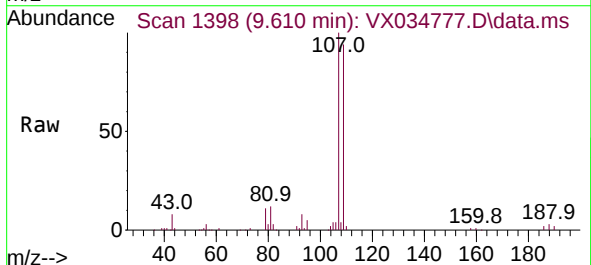
Manual Integrations
APPROVED

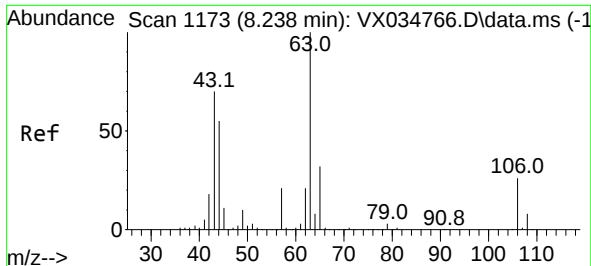
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#54
1,2-Dibromoethane
Concen: 19.607 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Tgt Ion:107 Resp: 65144
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2





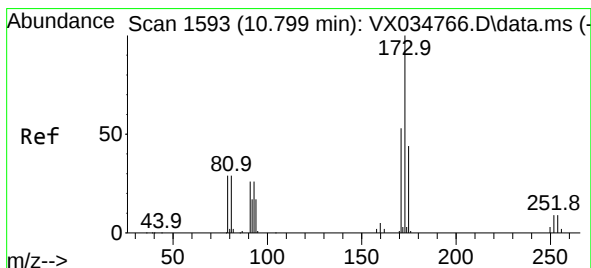
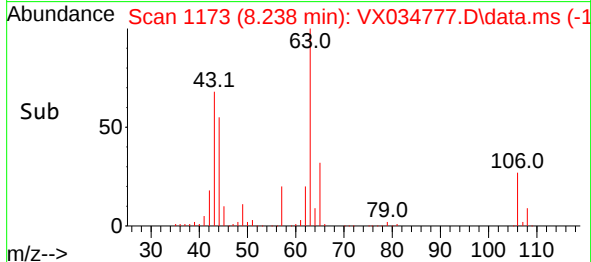
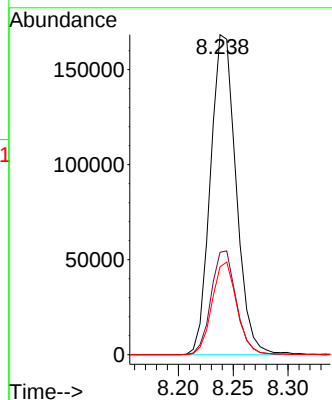
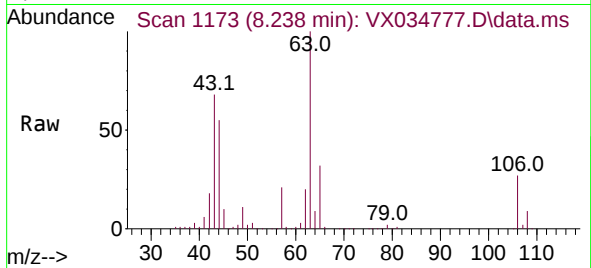
#55
2-Chloroethyl vinyl ether
Concen: 103.208 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 273814
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.2
106 28.1 21.6 32.4

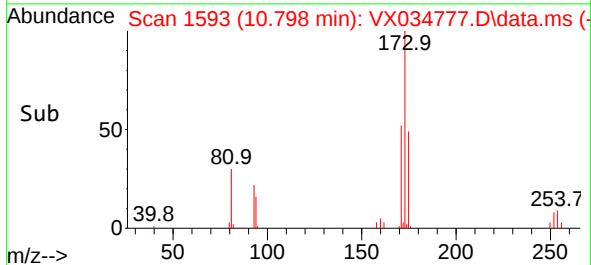
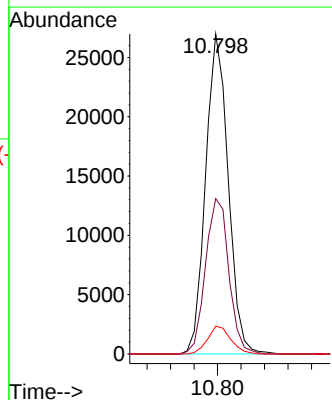
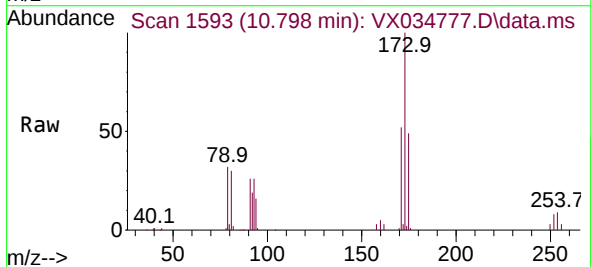
Manual Integrations
APPROVED

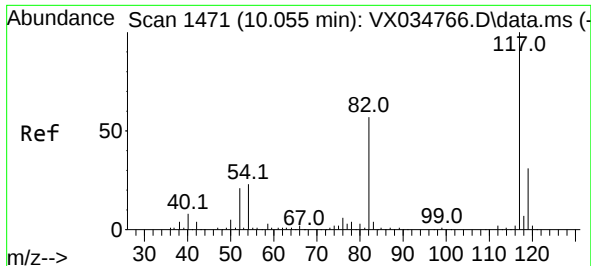
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#56
Bromoform
Concen: 16.981 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Tgt Ion:173 Resp: 35979
Ion Ratio Lower Upper
173 100
175 50.2 37.0 55.4
254 9.0 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: VX034777.D
Acq: 28 Mar 2023 03:57

Instrument :

MSVOA_X

ClientSampleId :

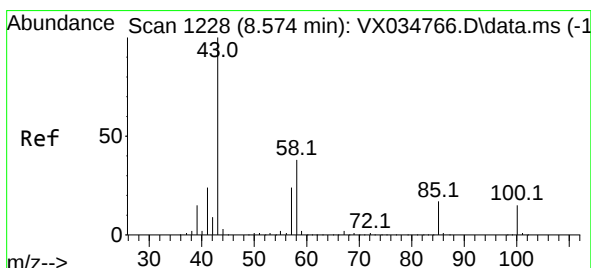
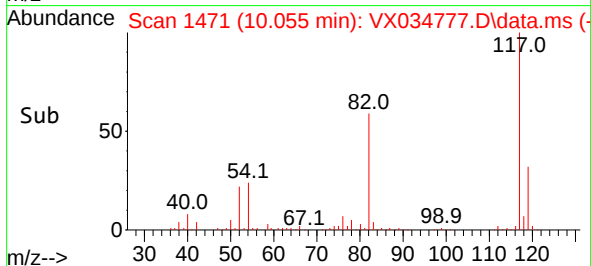
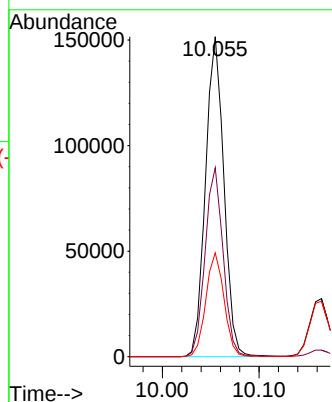
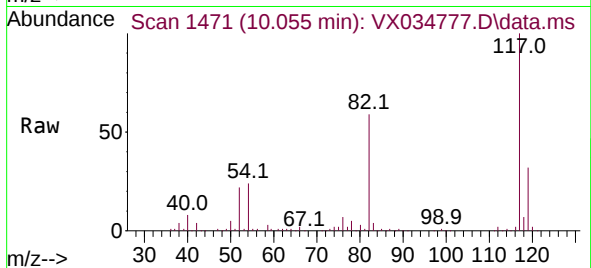
VSTDCCC020EC

Tgt Ion:117 Resp: 20089
Ion Ratio Lower Upper
117 100
82 58.2 45.8 68.8
119 32.1 25.4 38.0

Manual Integrations

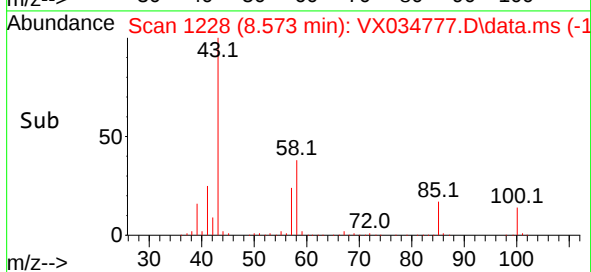
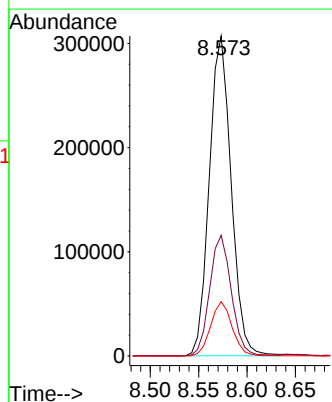
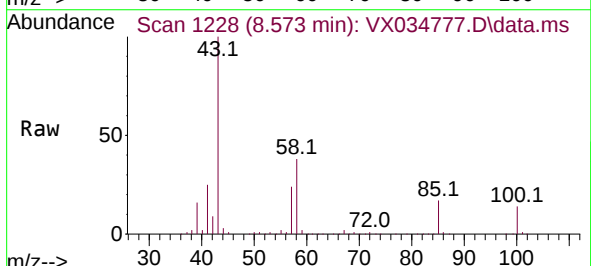
APPROVED

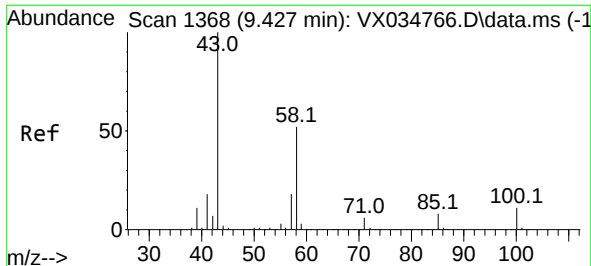
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#58
4-Methyl-2-Pentanone
Concen: 104.723 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

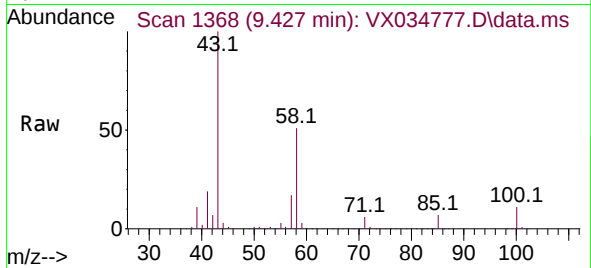
Tgt Ion: 43 Resp: 482356
Ion Ratio Lower Upper
43 100
58 37.4 29.9 44.9
85 16.6 13.2 19.8





#59
2-Hexanone
Concen: 104.588 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

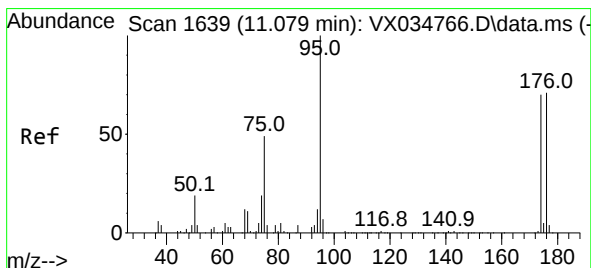
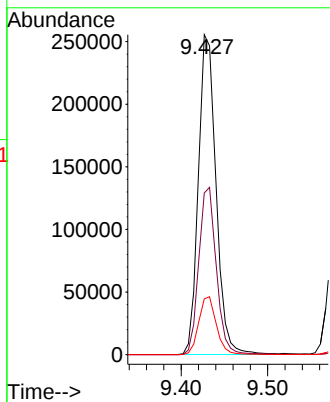
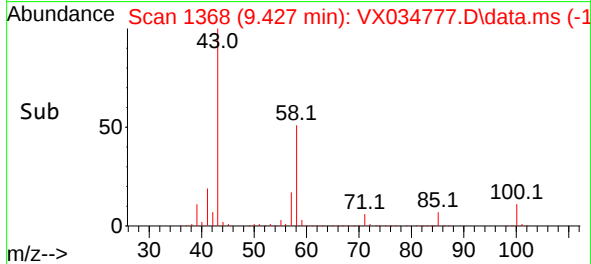
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 362709
Ion Ratio Lower Upper
43 100
58 51.7 41.7 62.5
57 18.2 14.7 22.1

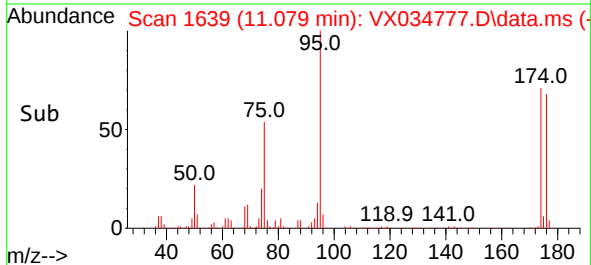
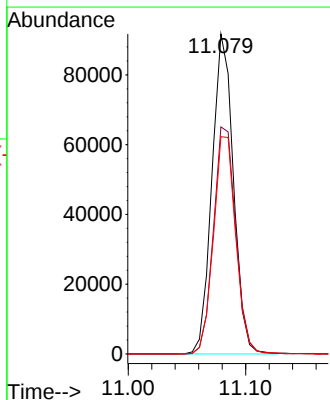
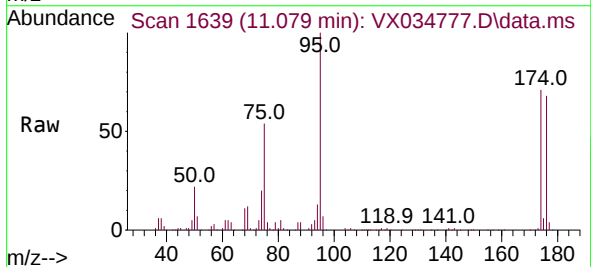
Manual Integrations
APPROVED

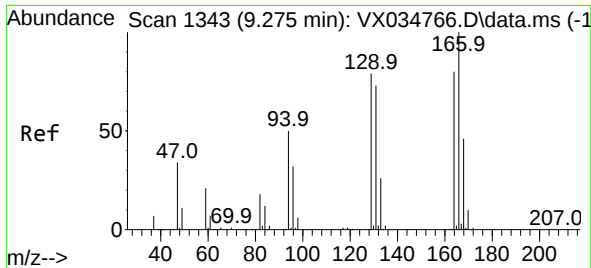
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#60
4-Bromofluorobenzene
Concen: 28.950 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

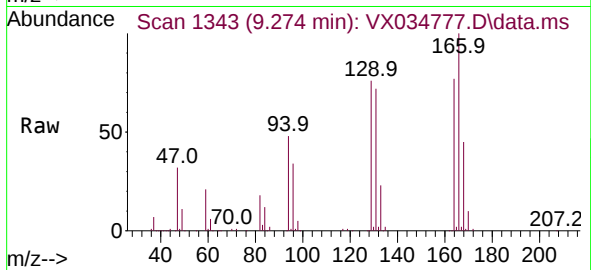
Tgt Ion: 95 Resp: 116211
Ion Ratio Lower Upper
95 100
174 74.0 0.2 0.4#
176 70.8 0.2 0.2#





#61
Tetrachloroethene
Concen: 20.550 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

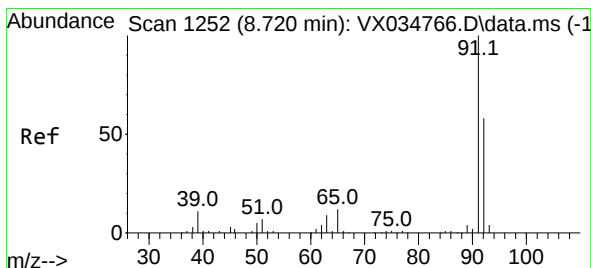
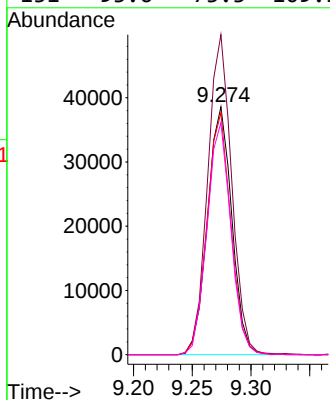
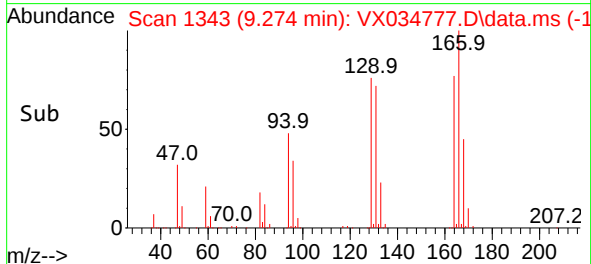
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 55620
Ion Ratio Lower Upper
164 100
166 129.1 100.1 150.1
129 97.6 79.1 118.7
131 93.6 73.3 109.9

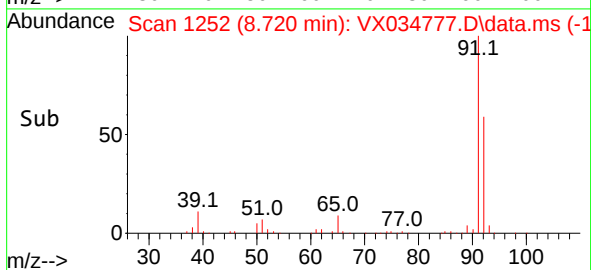
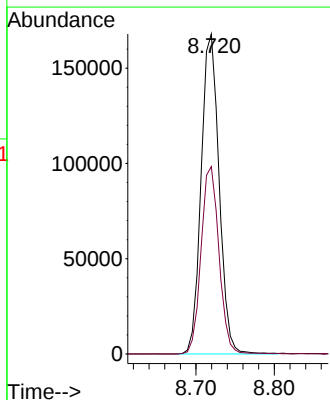
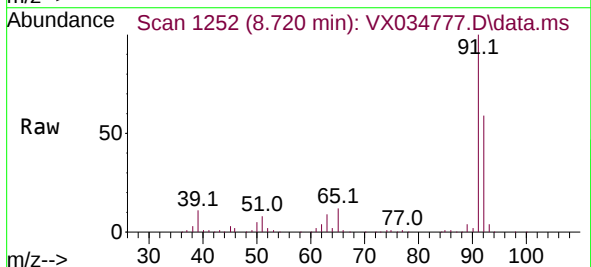
Manual Integrations
APPROVED

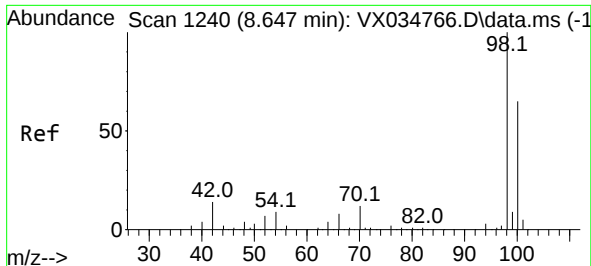
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#62
Toluene
Concen: 20.348 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Tgt Ion: 91 Resp: 267285
Ion Ratio Lower Upper
91 100
92 58.4 46.5 69.7





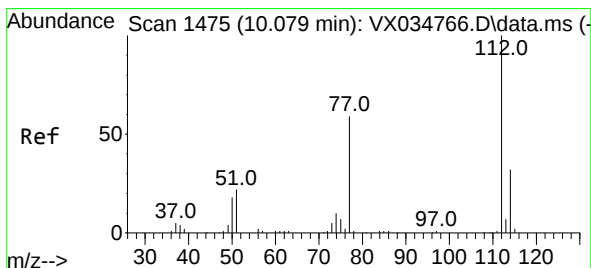
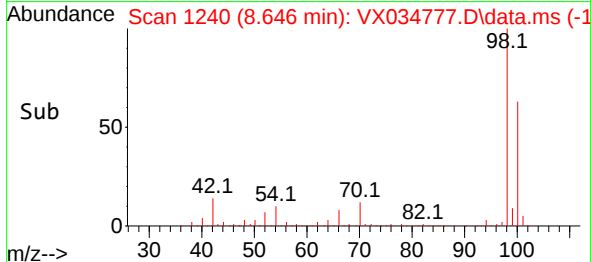
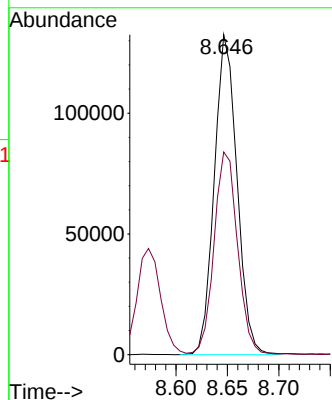
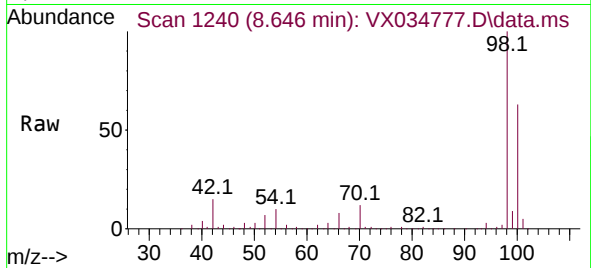
#63
Toluene-d8
Concen: 29.840 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 203718
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1

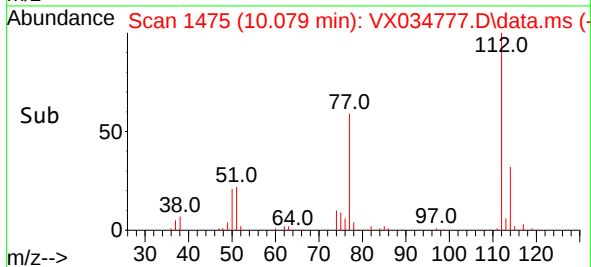
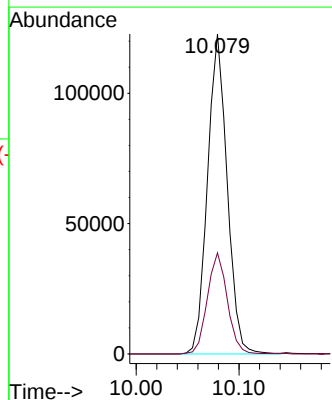
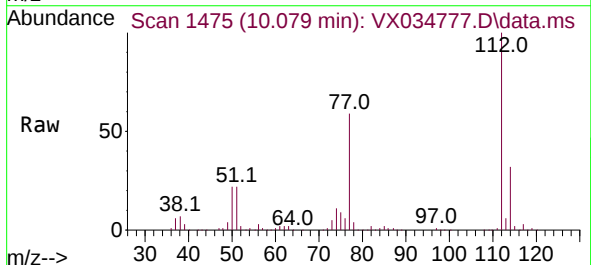
Manual Integrations
APPROVED

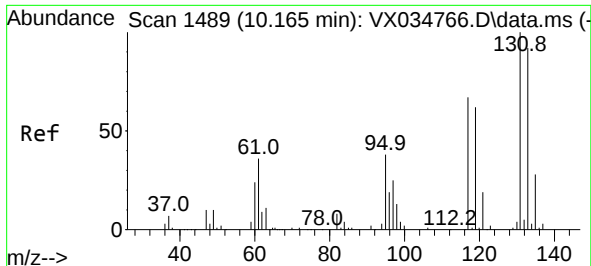
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#64
Chlorobenzene
Concen: 20.191 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

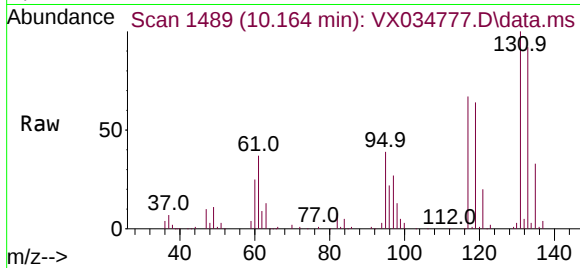
Tgt Ion:112 Resp: 163333
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 19.382 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

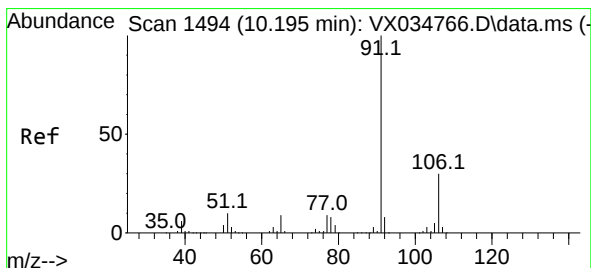
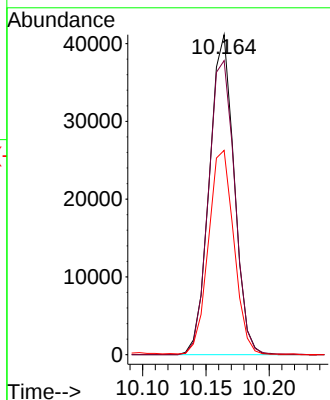
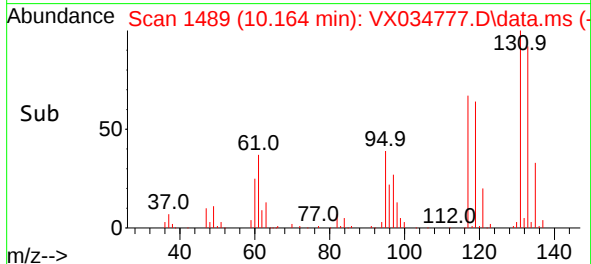
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 5605
Ion Ratio Lower Upper
131 100
133 96.9 0.0 186.6
119 65.3 0.0 128.6

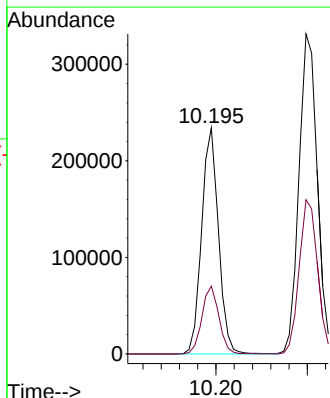
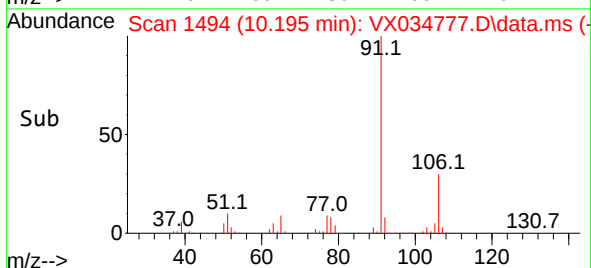
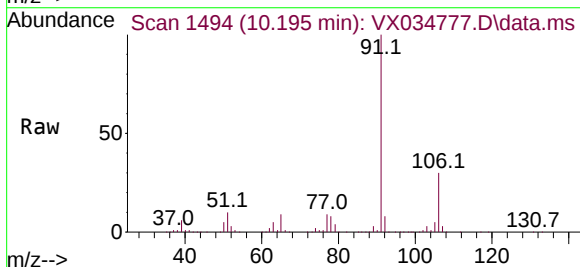
Manual Integrations
APPROVED

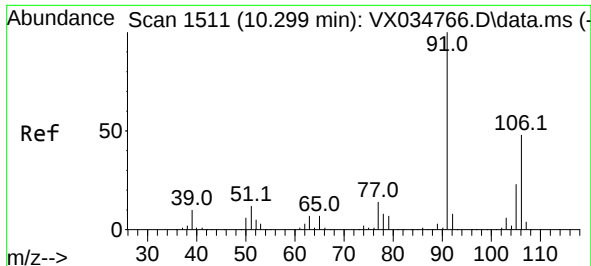
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#66
Ethyl Benzene
Concen: 20.404 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Tgt Ion: 91 Resp: 298526
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6





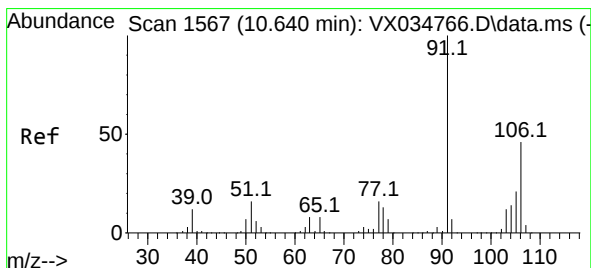
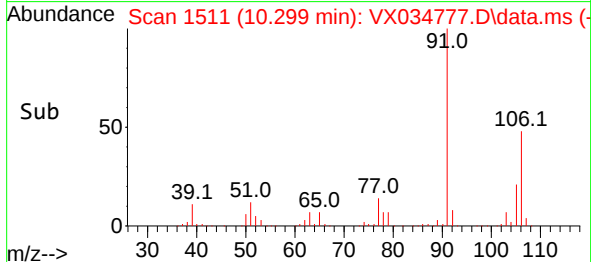
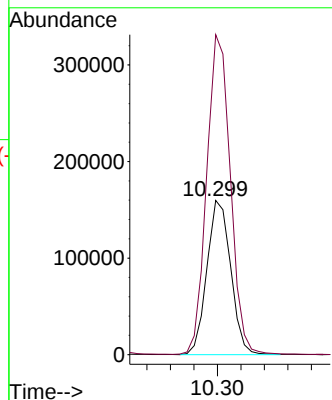
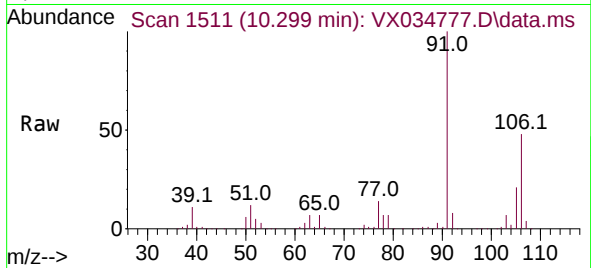
#67
m/p-Xylenes
Concen: 40.389 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 224840
Ion Ratio Lower Upper
106 100
91 206.5 167.4 251.2

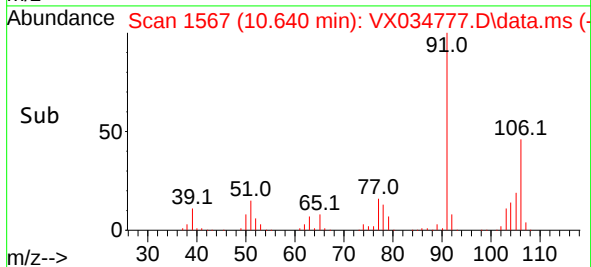
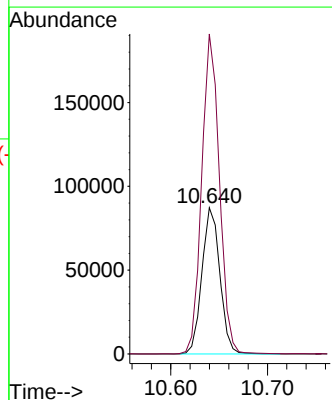
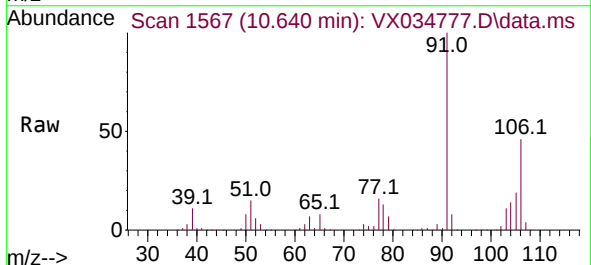
Manual Integrations
APPROVED

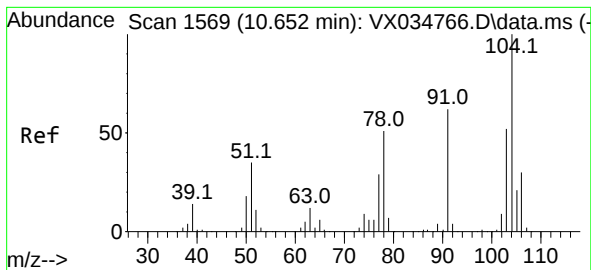
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#68
o-Xylene
Concen: 20.464 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Tgt Ion:106 Resp: 112658
Ion Ratio Lower Upper
106 100
91 215.4 108.9 326.8





#69

Styrene

Concen: 19.743 ug/l

RT: 10.658 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX034777.D

Acq: 28 Mar 2023 03:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

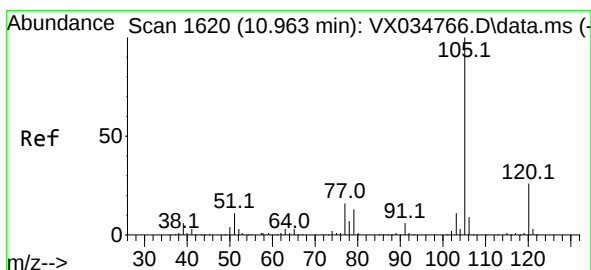
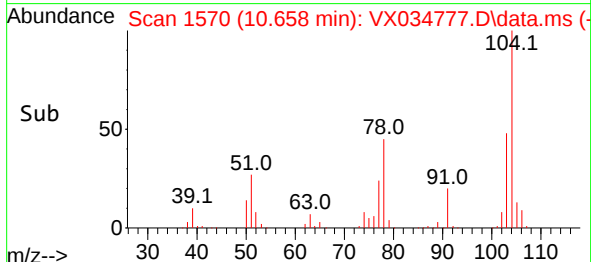
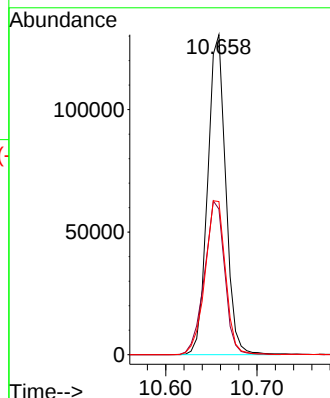
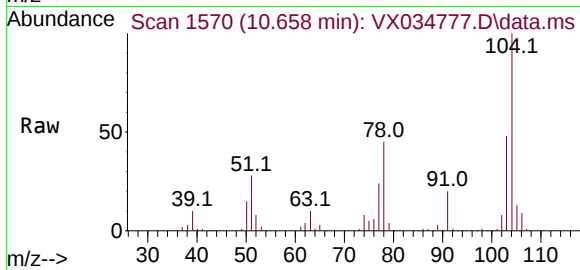
Tgt Ion:104 Resp: 17917
 Ion Ratio Lower Upper
 104 100
 78 53.4 42.8 64.2
 103 54.3 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#70

Isopropylbenzene

Concen: 20.090 ug/l

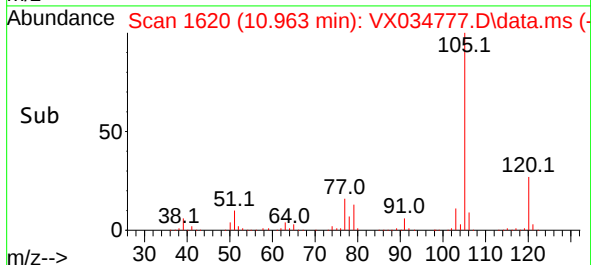
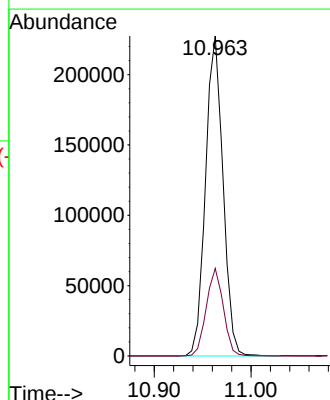
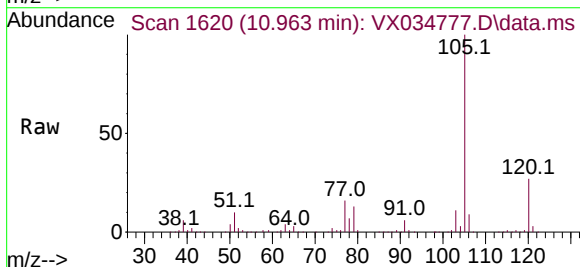
RT: 10.963 min Scan# 1620

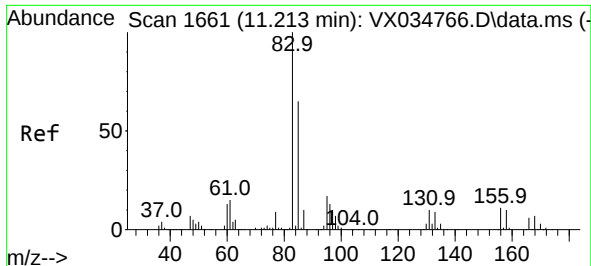
Delta R.T. -0.000 min

Lab File: VX034777.D

Acq: 28 Mar 2023 03:57

Tgt Ion:105 Resp: 286242
 Ion Ratio Lower Upper
 105 100
 120 26.7 18.5 34.3





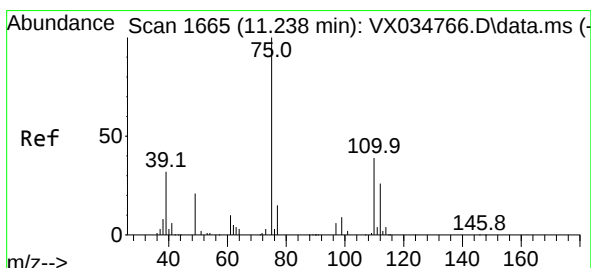
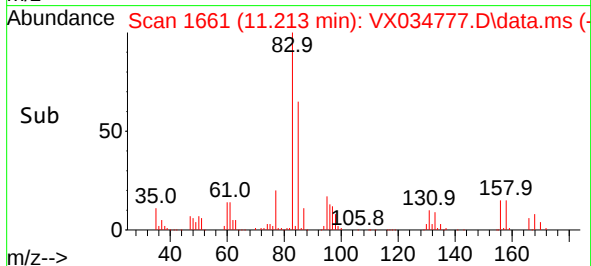
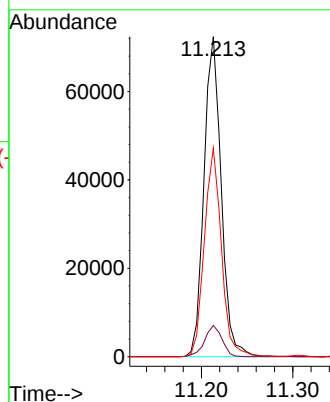
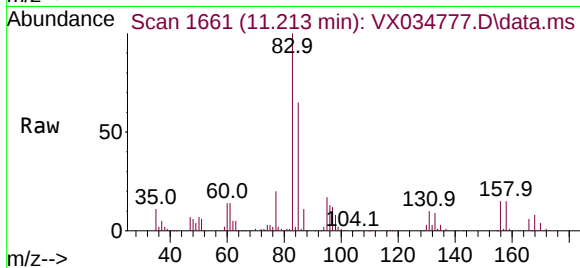
#71
1,1,2,2-Tetrachloroethane
Concen: 20.237 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 94775
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.2
85 64.5 31.9 95.5

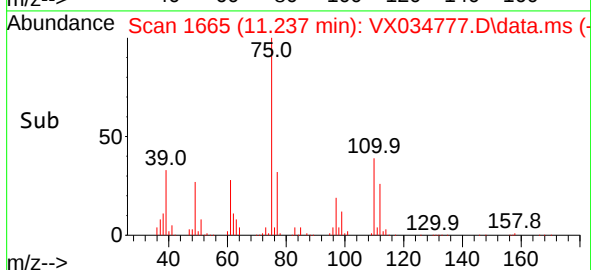
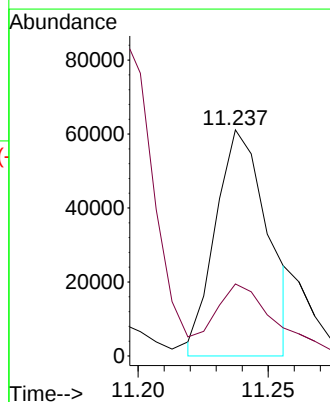
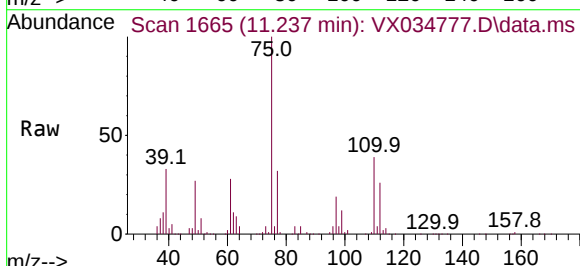
Manual Integrations
APPROVED

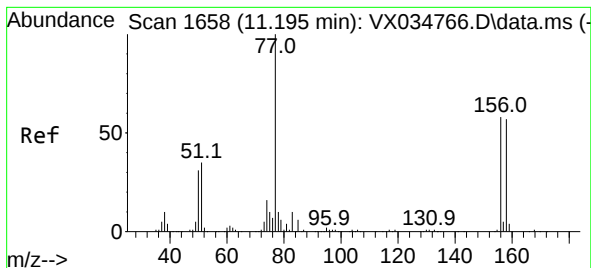
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#72
1,2,3-Trichloropropane
Concen: 19.906 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Tgt Ion: 75 Resp: 84862
Ion Ratio Lower Upper
75 100
77 37.8 0.0 73.8





#73

Bromobenzene

Concen: 19.564 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX034777.D

Acq: 28 Mar 2023 03:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

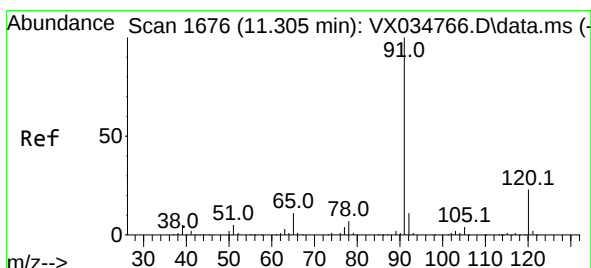
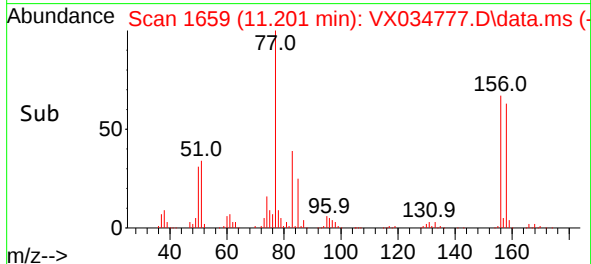
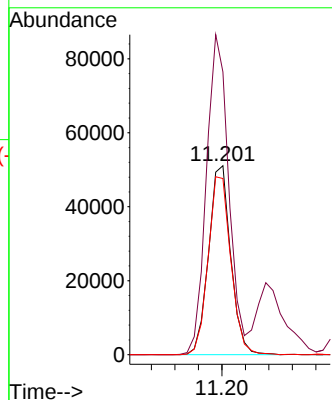
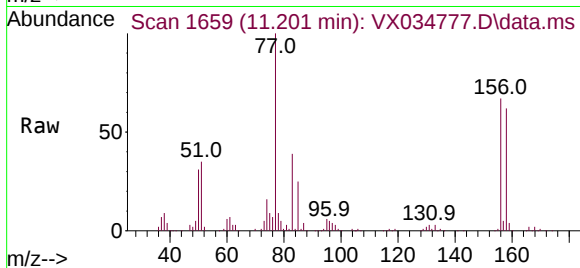
Tgt Ion:	156	Resp:	6694
Ion Ratio	Lower	Upper	
156	100		
77	169.3	0.0	330.8
158	96.5	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#74

n-propylbenzene

Concen: 19.988 ug/l

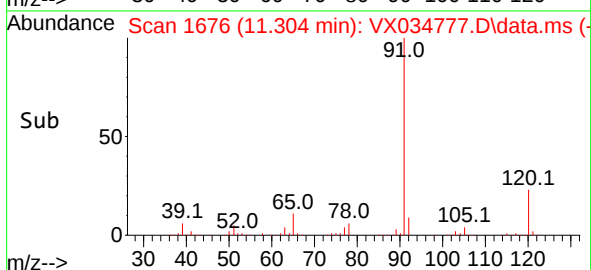
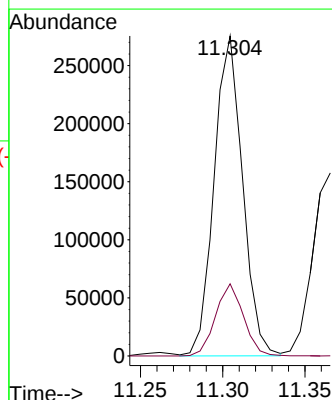
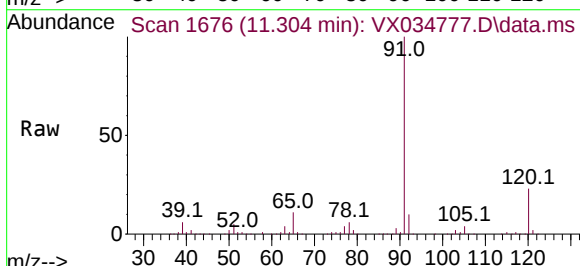
RT: 11.304 min Scan# 1676

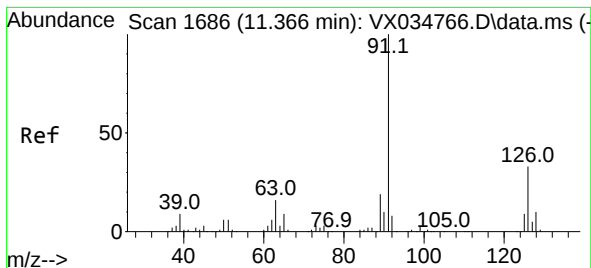
Delta R.T. -0.000 min

Lab File: VX034777.D

Acq: 28 Mar 2023 03:57

Tgt Ion:	91	Resp:	331515
Ion Ratio	Lower	Upper	
91	100		
120	22.1	0.0	44.8





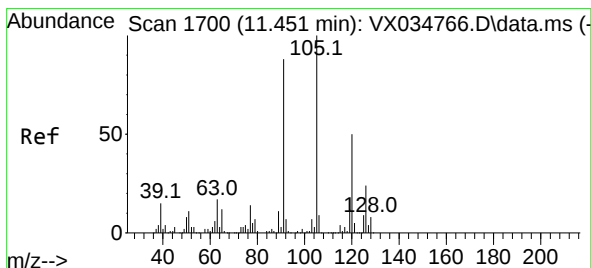
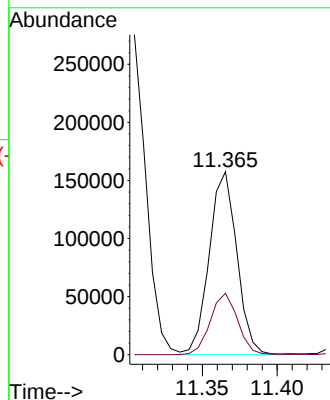
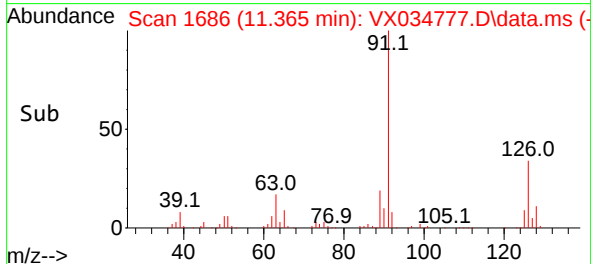
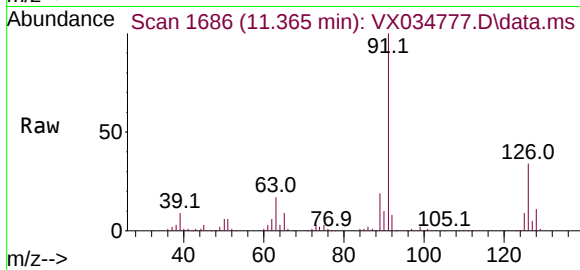
#75
2-Chlorotoluene
Concen: 19.586 ug/l
RT: 11.365 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 202524
Ion Ratio Lower Upper
91 100
126 33.2 0.0 66.4

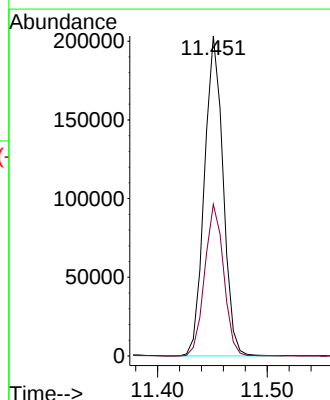
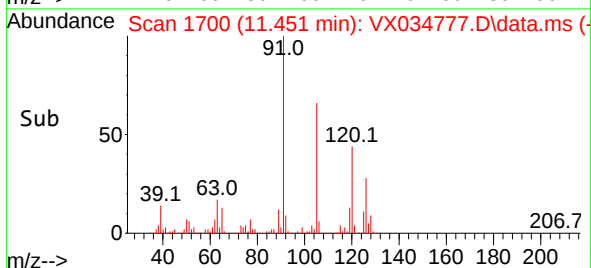
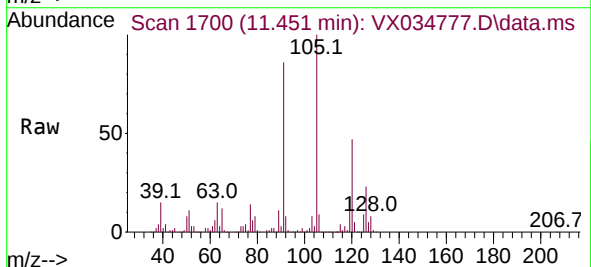
Manual Integrations
APPROVED

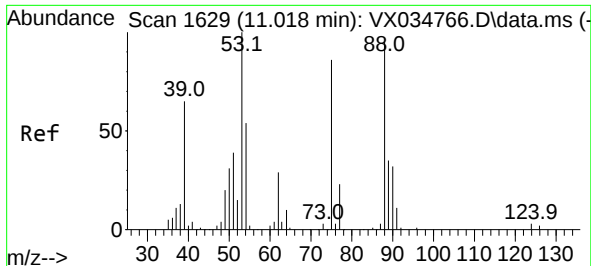
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.001 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

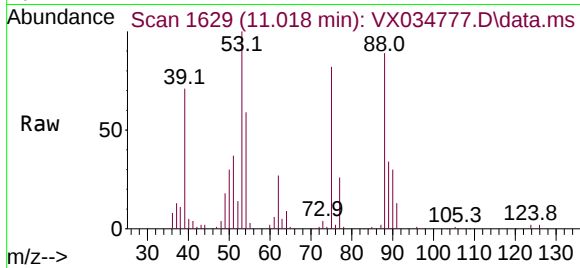
Tgt Ion:105 Resp: 239891
Ion Ratio Lower Upper
105 100
120 48.1 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.124 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

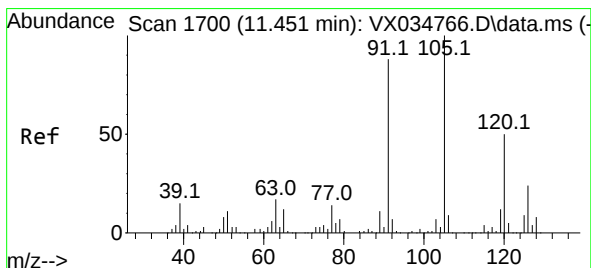
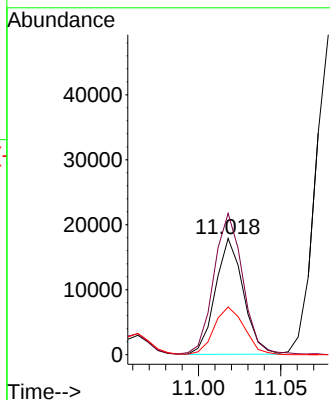
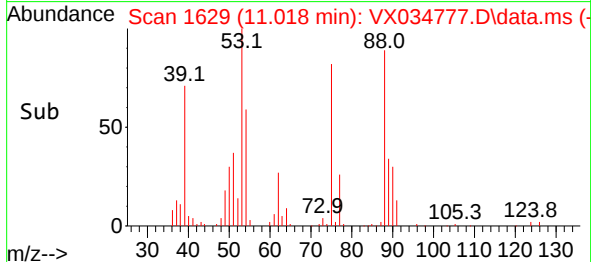
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 21110
Ion Ratio Lower Upper
75 100
53 121.6 58.2 174.6
89 40.8 20.6 61.8

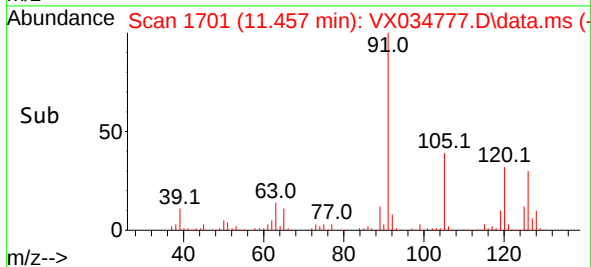
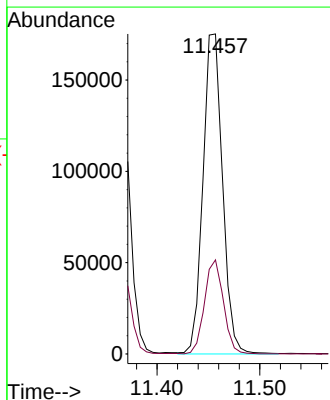
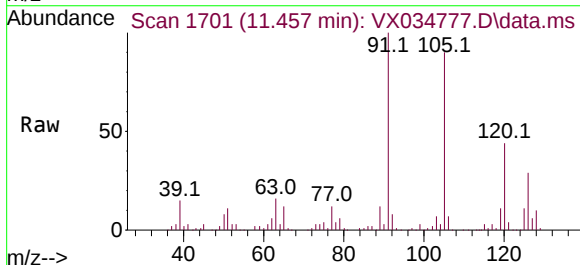
Manual Integrations
APPROVED

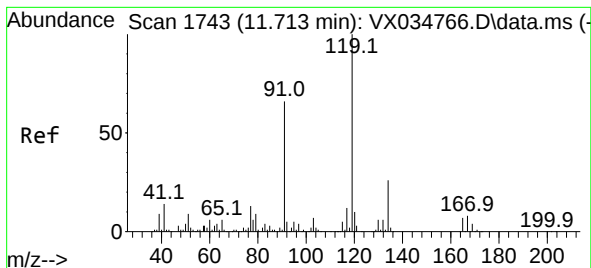
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#78
4-Chlorotoluene
Concen: 19.639 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

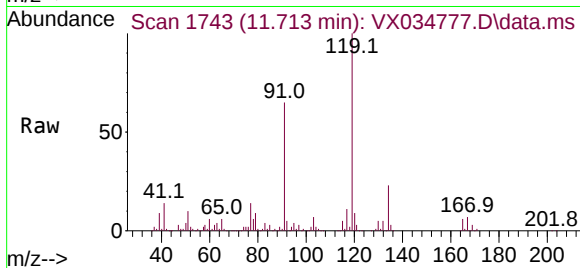
Tgt Ion: 91 Resp: 232803
Ion Ratio Lower Upper
91 100
126 28.4 0.0 56.8





#79
tert-butylbenzene
Concen: 19.734 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

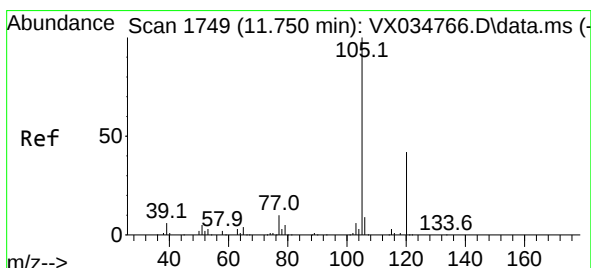
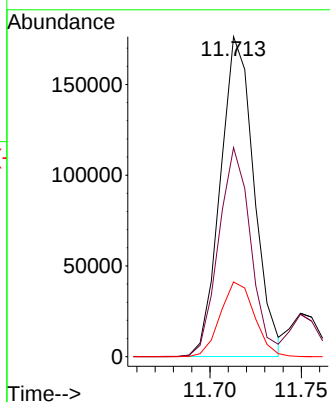
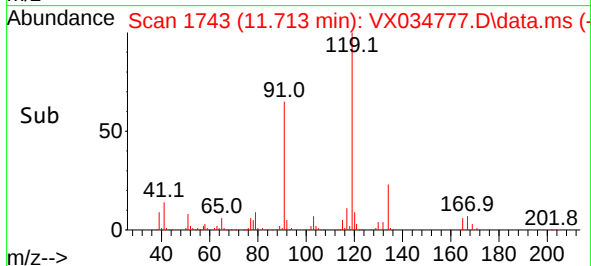
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



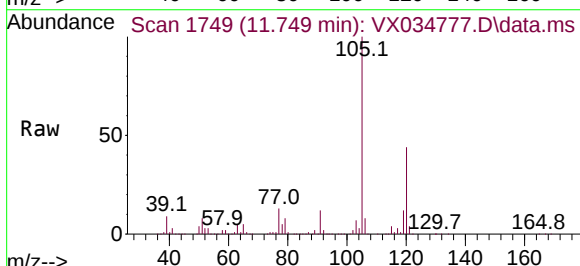
Tgt Ion:119 Resp: 225933
Ion Ratio Lower Upper
119 100
91 62.7 0.0 122.4
134 23.7 0.0 49.2

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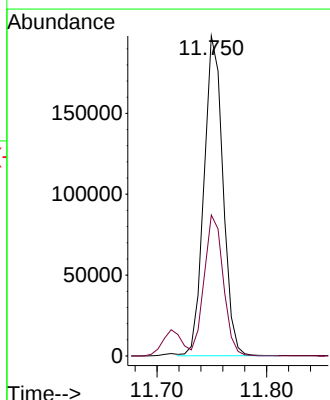
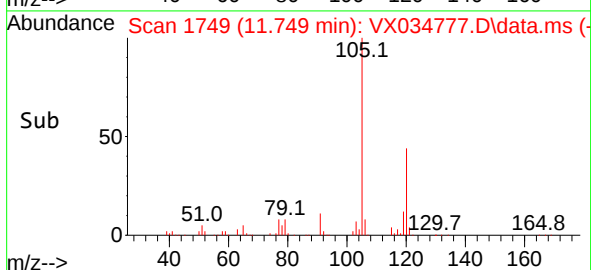
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

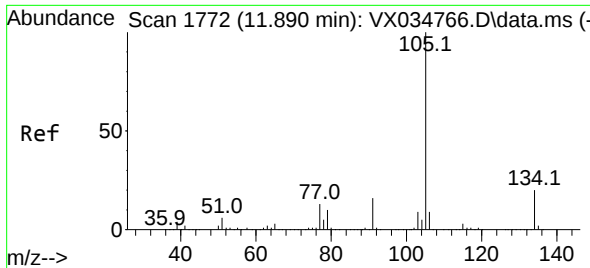


#80
1,2,4-Trimethylbenzene
Concen: 19.896 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57



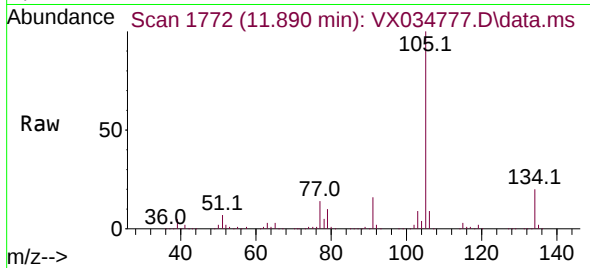
Tgt Ion:105 Resp: 237131
Ion Ratio Lower Upper
105 100
120 44.3 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 19.988 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034777.D
 Acq: 28 Mar 2023 03:57

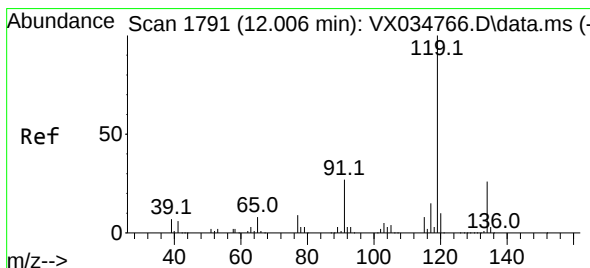
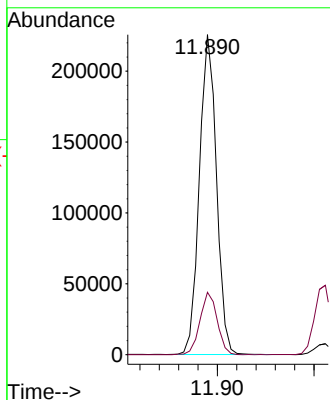
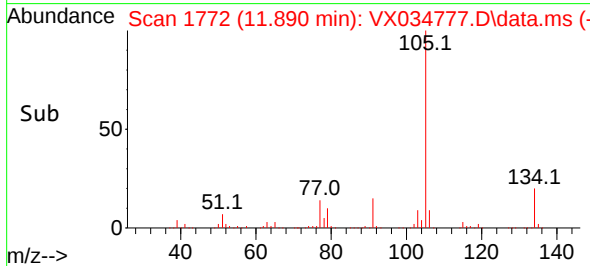
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



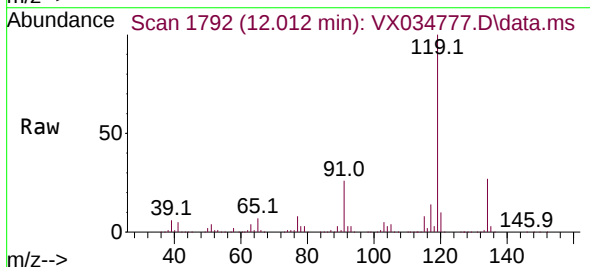
Tgt Ion:105 Resp: 277290
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 40.2

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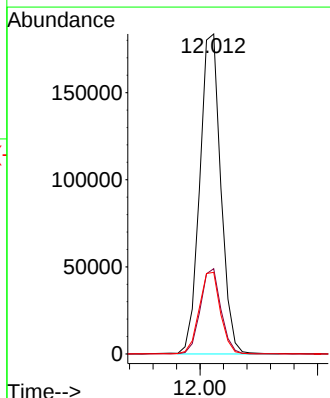
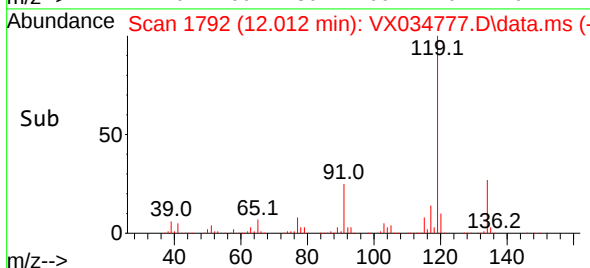
Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

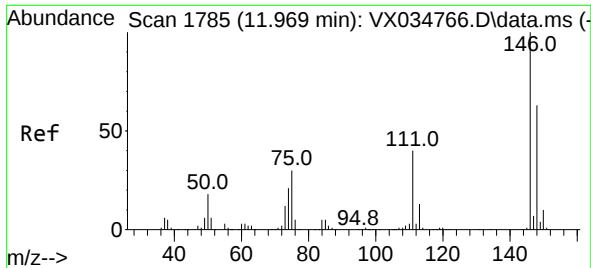


#82
 p-Isopropyltoluene
 Concen: 19.468 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034777.D
 Acq: 28 Mar 2023 03:57



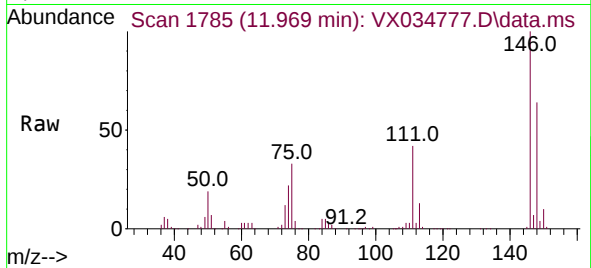
Tgt Ion:119 Resp: 227910
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.2
 91 25.7 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 19.373 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

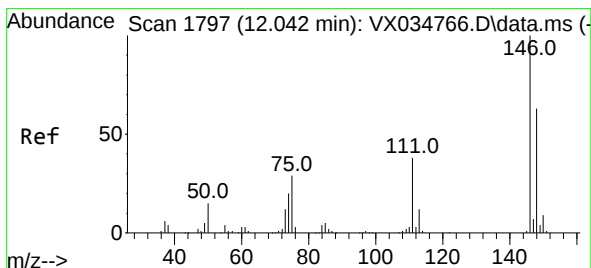
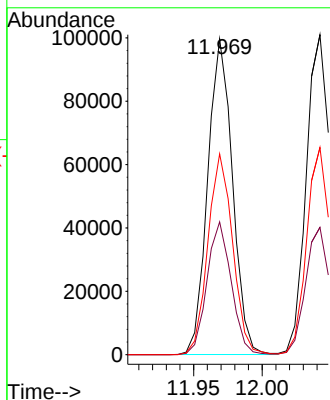
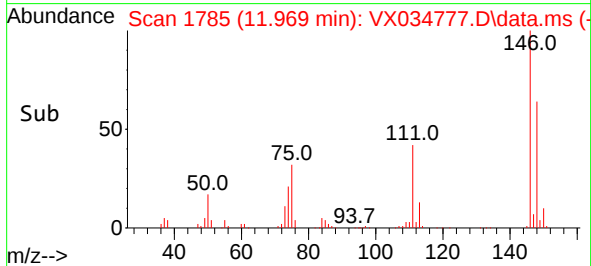
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



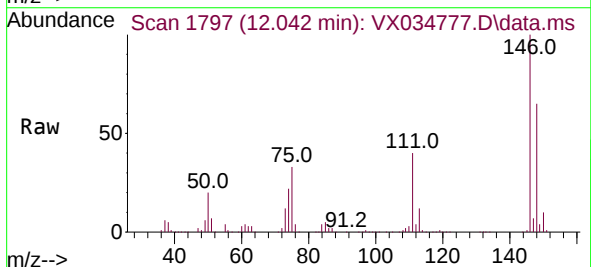
Tgt Ion:146 Resp: 125183
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.9
148 63.6 31.6 94.7

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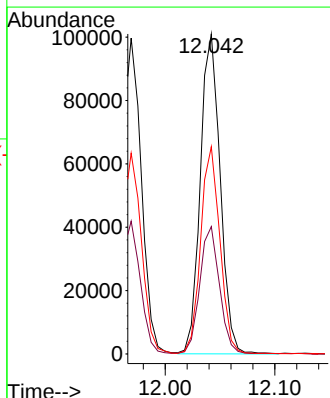
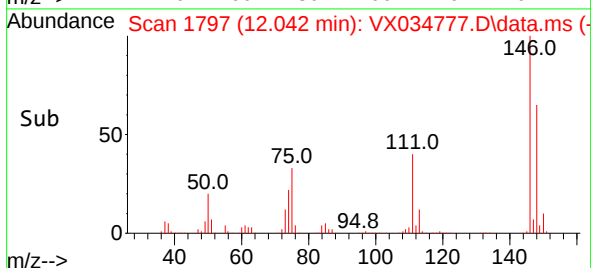
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

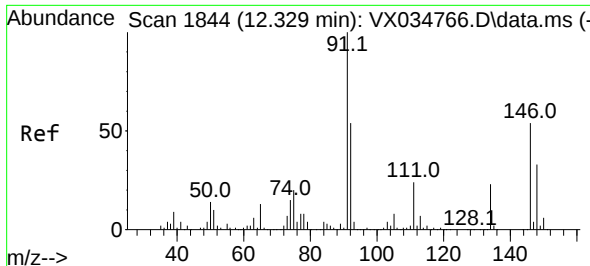


#84
1,4-Dichlorobenzene
Concen: 19.604 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57



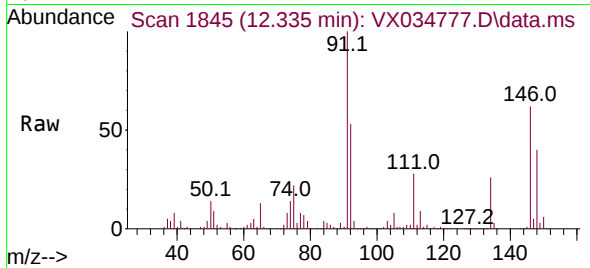
Tgt Ion:146 Resp: 127209
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.9
148 62.9 31.8 95.3





#85
n-Butylbenzene
Concen: 19.208 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

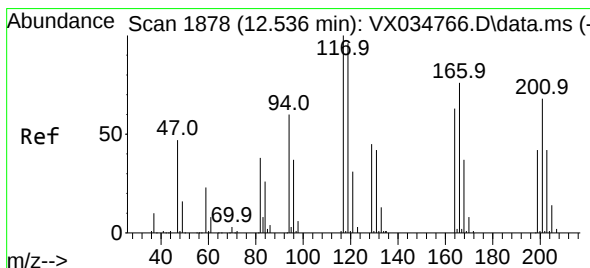
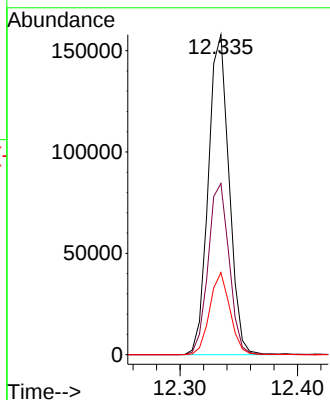
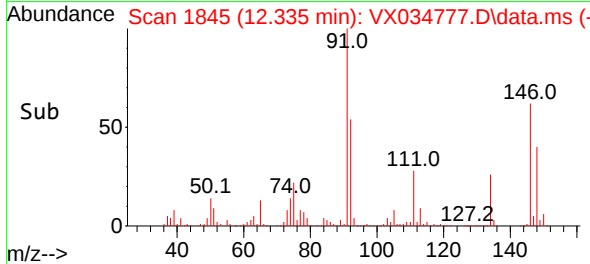
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 193799
Ion Ratio Lower Upper
91 100
92 54.0 0.0 107.6
134 25.1 0.0 49.8

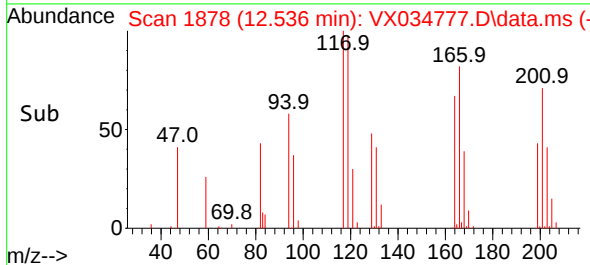
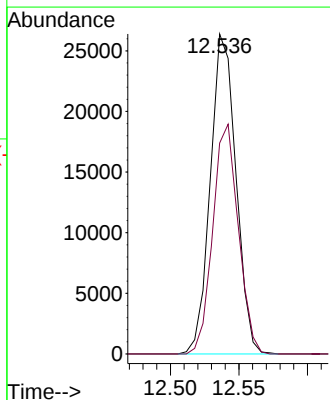
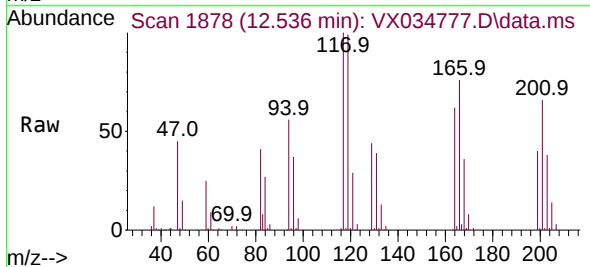
Manual Integrations
APPROVED

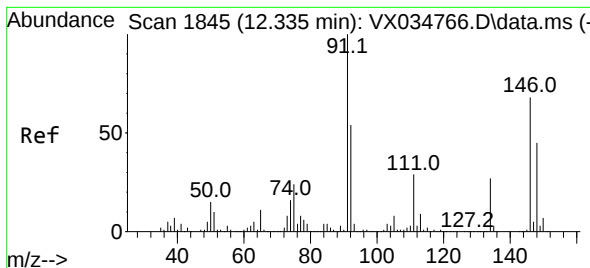
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#86
Hexachloroethane
Concen: 17.898 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

Tgt Ion:117 Resp: 34318
Ion Ratio Lower Upper
117 100
201 71.5 35.4 106.2





#87

1,2-Dichlorobenzene

Concen: 19.445 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX034777.D

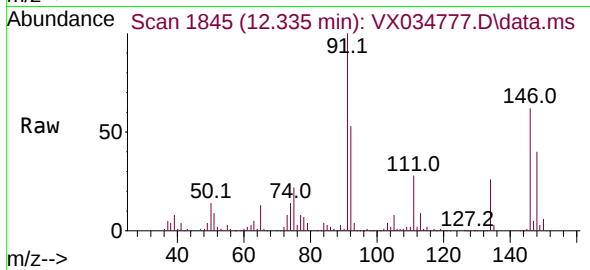
Acq: 28 Mar 2023 03:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion:146 Resp: 12295

Ion Ratio Lower Upper

146 100

111 44.2 21.3 64.0

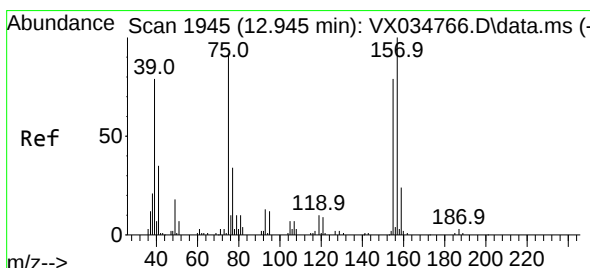
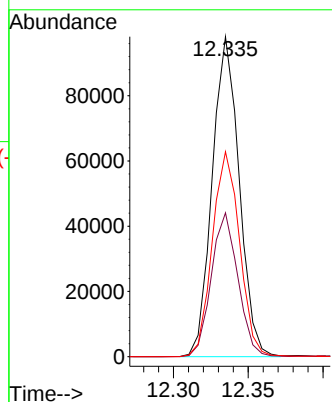
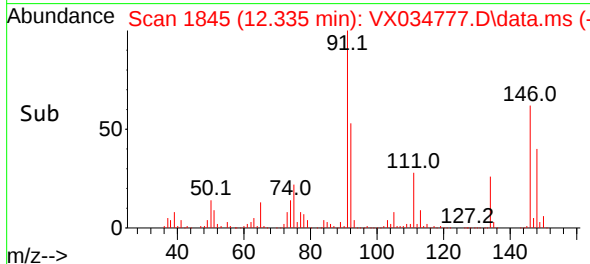
148 64.8 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.935 ug/l

RT: 12.944 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX034777.D

Acq: 28 Mar 2023 03:57

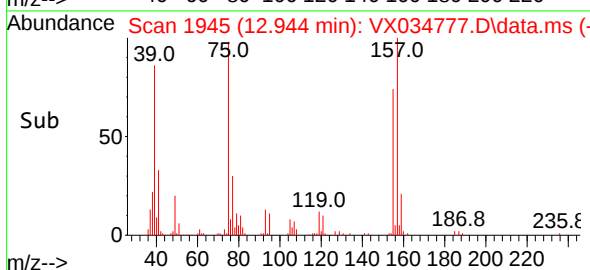
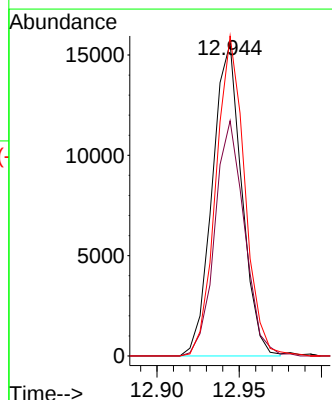
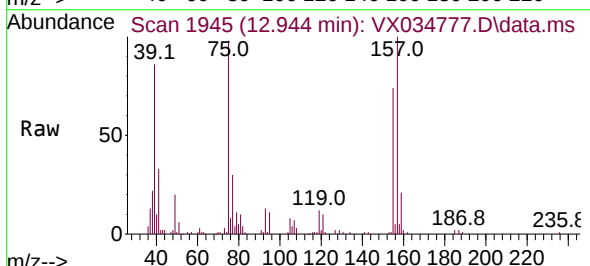
Tgt Ion: 75 Resp: 19379

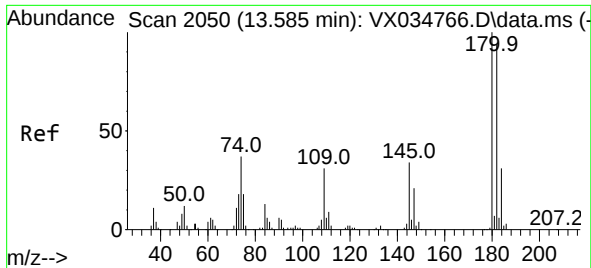
Ion Ratio Lower Upper

75 100

155 75.9 63.7 95.5

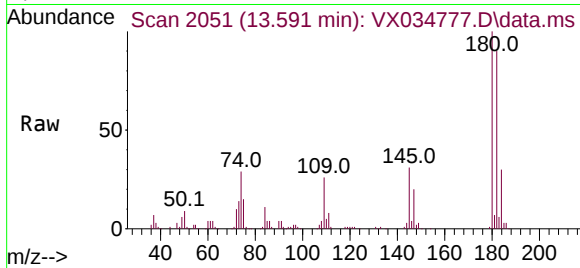
157 100.0 83.7 125.5





#89
1,2,4-Trichlorobenzene
Concen: 19.449 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

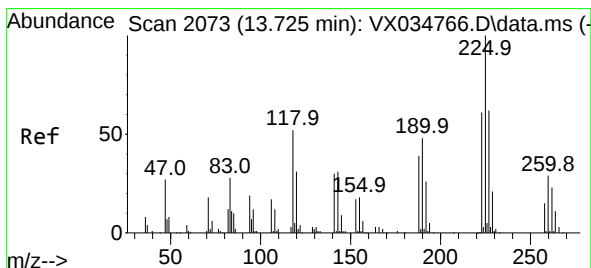
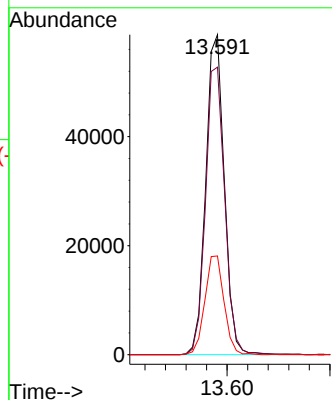
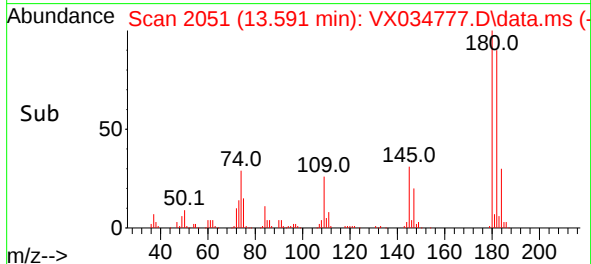
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:180 Resp: 73770
Ion Ratio Lower Upper
180 100
182 92.5 75.8 113.8
145 31.7 25.8 38.6

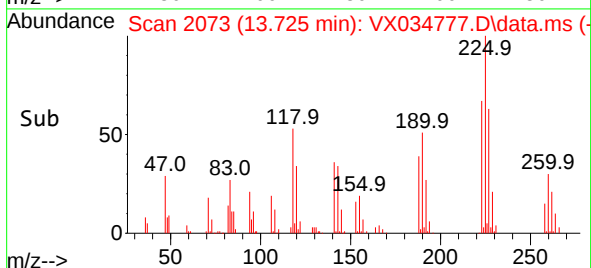
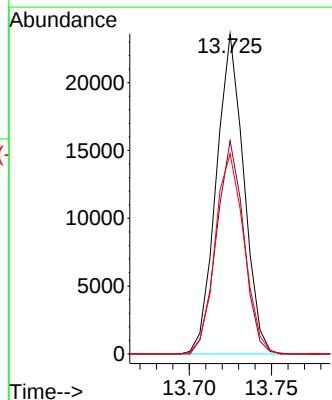
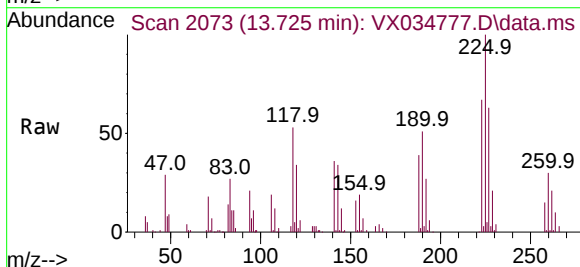
Manual Integrations
APPROVED

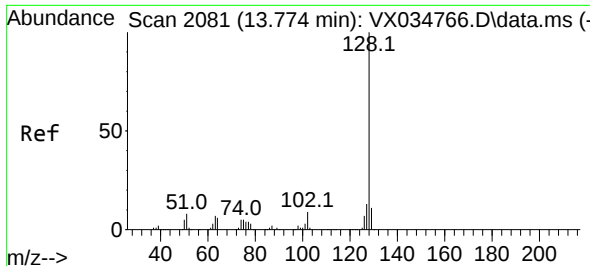
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#90
Hexachlorobutadiene
Concen: 18.781 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

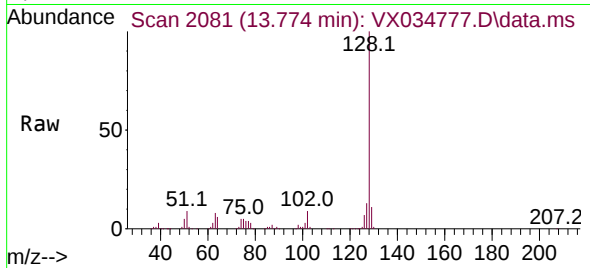
Tgt Ion:225 Resp: 27472
Ion Ratio Lower Upper
225 100
223 66.0 0.0 124.2
227 66.1 0.0 122.8





#91
Naphthalene
Concen: 20.000 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57

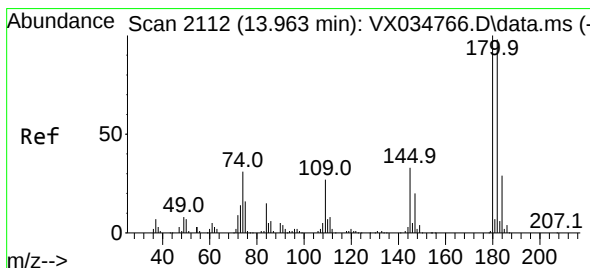
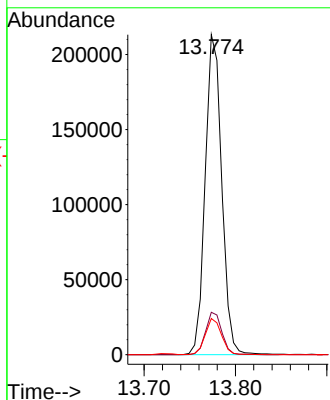
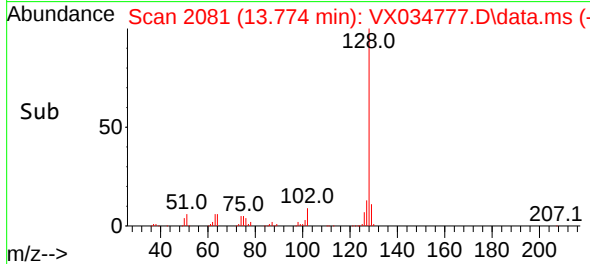
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



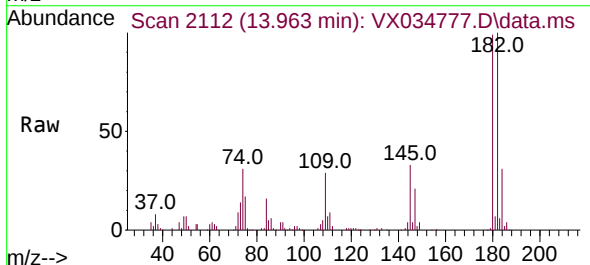
Tgt Ion:128 Resp: 268020
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.391 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034777.D
Acq: 28 Mar 2023 03:57



Tgt Ion:180 Resp: 73528
Ion Ratio Lower Upper
180 100
182 96.9 0.0 191.0
145 33.5 0.0 66.8

