

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030053.D
 Acq On : 14 Jul 2022 11:36
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

Quant Time: Jul 14 16:49:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	28977	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	162171	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	143185	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	69134	29.259	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	97.533%	
60) 4-Bromofluorobenzene	11.079	95	83383	30.901	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	103.000%	
63) Toluene-d8	8.653	98	237780	30.625	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	102.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	40633	20.506	ug/l	98
3) Chloromethane	1.288	50	40790	19.741	ug/l	99
4) Vinyl Chloride	1.374	62	43409	18.540	ug/l	96
5) Bromomethane	1.605	94	20347	21.092	ug/l	94
6) Chloroethane	1.685	64	24925	19.878	ug/l	98
7) Trichlorofluoromethane	1.886	101	58850	19.828	ug/l	98
8) Diethyl Ether	2.136	74	23151	18.339	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	39735	19.883	ug/l	96
10) 1,1-Dichloroethene	2.319	96	39630	19.421	ug/l	90
11) Methyl Iodide	2.453	142	39005	24.504	ug/l	91
12) Methyl Acetate	2.709	43	66358	19.967	ug/l	94
13) Acrolein	2.239	56	17860	45.746	ug/l	97
14) Acrylonitrile	3.069	53	139943	97.841	ug/l	97
15) Acetone	2.386	58	38819	99.914	ug/l	81
16) Carbon Disulfide	2.508	76	101479	19.050	ug/l	99
17) Allyl chloride	2.660	41	67824	18.861	ug/l	91
18) Methylene Chloride	2.788	84	46574	19.590	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	42030	18.980	ug/l	98
20) Diisopropyl ether	3.764	45	137696	19.114	ug/l	91
21) 1,1-Dichloroethane	3.611	63	75186	19.387	ug/l	98
22) cis-1,2-Dichloroethene	4.495	96	50314	19.135	ug/l	98
23) tert-Butyl Alcohol	2.977	59	59400	90.653	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	125612	19.081	ug/l	100
25) Chloroform	5.099	83	76353	19.754	ug/l	95
26) Cyclohexane	5.477	56	68198	18.979	ug/l #	92
29) 1,1-Dichloropropene	5.696	75	55661	20.064	ug/l	98
30) 2-Butanone	4.562	43	189642	101.277	ug/l	99
31) 2,2-Dichloropropane	4.477	77	51040	19.249	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	60539	20.295	ug/l	97
33) Carbon Tetrachloride	5.678	117	50717	20.243	ug/l	96
34) Benzene	6.038	78	177869	19.951	ug/l	97
35) Methacrylonitrile	4.922	41	38525	20.326	ug/l	93
36) 1,2-Dichloroethane	6.092	62	55605	20.489	ug/l	97
37) Trichloroethene	7.129	130	48076	20.164	ug/l	97
38) Methylcyclohexane	7.379	83	72862	20.241	ug/l	96
39) 1,2-Dichloropropane	7.434	63	46020	20.278	ug/l	99
40) Dibromomethane	7.586	93	30623	19.907	ug/l	92
41) Bromodichloromethane	7.824	83	56441	20.540	ug/l	98
42) Vinyl Acetate	3.727	43	592553	98.953	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	68660	19.466	ug/l	99
44) Isopropyl Acetate	6.342	43	106756	19.923	ug/l	99
45) 1,4-Dioxane	7.677	88	26177	416.151	ug/l	97
46) Methyl methacrylate	7.696	41	51715	20.366	ug/l	99
47) n-amyl Acetate	10.842	43	84082	18.266	ug/l	98
48) t-1,3-Dichloropropene	8.982	75	56881	18.731	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	66724	19.567	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	47449	20.820	ug/l	98
51) Ethyl methacrylate	9.116	69	69382	19.564	ug/l	98
52) 1,3-Dichloropropane	9.311	76	73461	20.039	ug/l	99
53) Dibromochloromethane	9.525	129	42010	19.916	ug/l	97
54) 1,2-Dibromoethane	9.610	107	47069	19.889	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	195353	106.860	ug/l	95
56) Bromoform	10.805	173	29962	20.291	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	365702	103.399	ug/l	98
59) 2-Hexanone	9.433	43	281532	102.916	ug/l	98
61) Tetrachloroethene	9.275	164	48718	22.661	ug/l	94
62) Toluene	8.720	91	192593	20.220	ug/l	96
64) Chlorobenzene	10.079	112	114818	20.185	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	40146	20.240	ug/l	95
66) Ethyl Benzene	10.195	91	204838	20.237	ug/l	99
67) m/p-Xylenes	10.305	106	159559	40.623	ug/l	99
68) o-Xylene	10.646	106	78202	19.994	ug/l	98
69) Styrene	10.659	104	131450	20.309	ug/l	97
70) Isopropylbenzene	10.963	105	203805	20.696	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	70667	19.733	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	64984m	20.187	ug/l	
73) Bromobenzene	11.201	156	48462	20.522	ug/l	92
74) n-propylbenzene	11.305	91	242238	20.505	ug/l	98
75) 2-Chlorotoluene	11.366	91	140336	20.173	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	169516	20.502	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	20596	18.602	ug/l	85
78) 4-Chlorotoluene	11.457	91	158670	20.322	ug/l	99
79) tert-butylbenzene	11.713	119	161295	20.053	ug/l	98
80) 1,2,4-Trimethylbenzene	11.756	105	166123	19.544	ug/l	97
81) sec-Butylbenzene	11.890	105	218497	20.069	ug/l	98
82) p-Isopropyltoluene	12.012	119	173098	19.749	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	90667	19.845	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	91439	19.734	ug/l	99
85) n-Butylbenzene	12.335	91	154550	18.790	ug/l	97
86) Hexachloroethane	12.542	117	28106	19.300	ug/l	87
87) 1,2-Dichlorobenzene	12.335	146	91688	20.323	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	15381	18.833	ug/l	96
89) 1,2,4-Trichlorobenzene	13.591	180	55369	19.822	ug/l	98
90) Hexachlorobutadiene	13.725	225	22888	21.606	ug/l	99
91) Naphthalene	13.774	128	218347	19.611	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	58695	20.629	ug/l	96

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

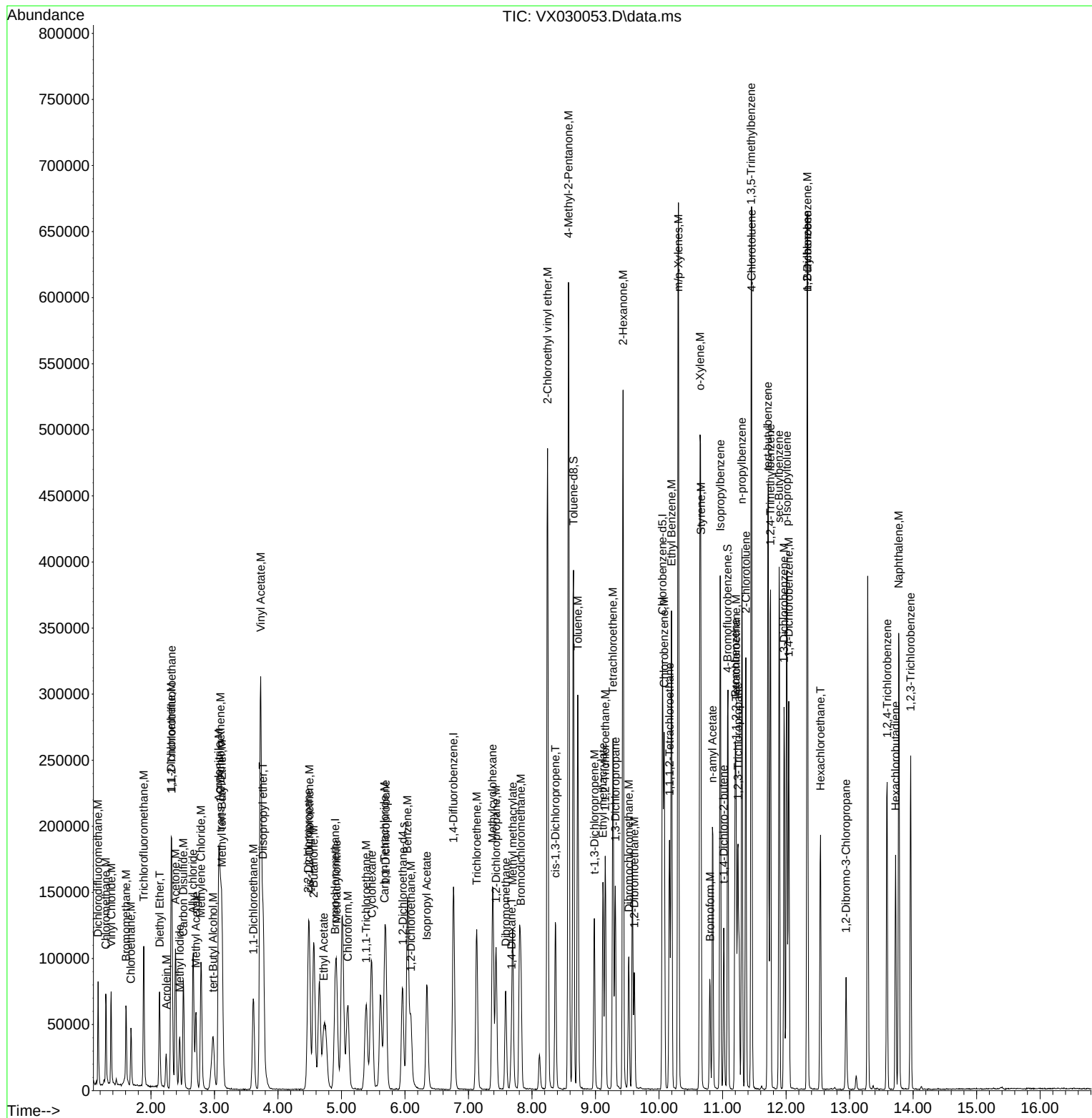
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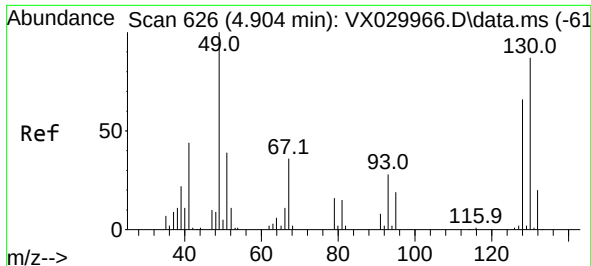
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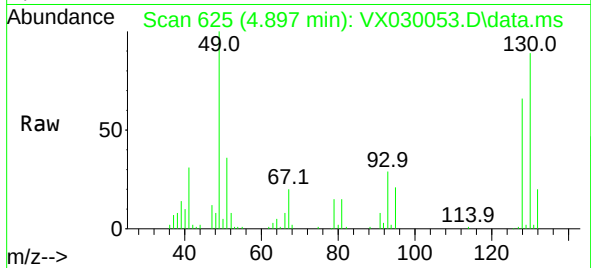
Quant Time: Jul 14 16:49:51 2022
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

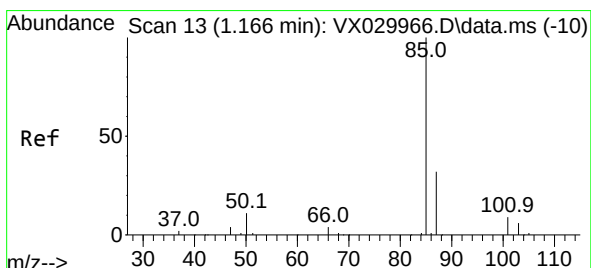
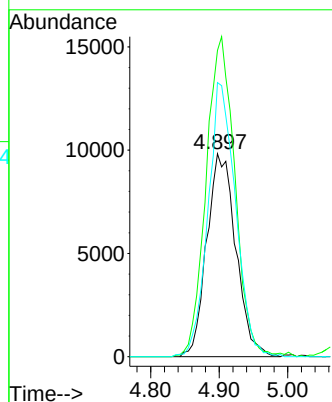
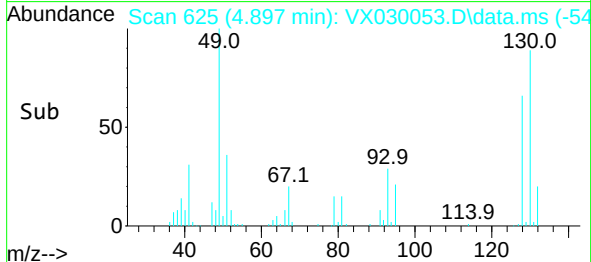
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



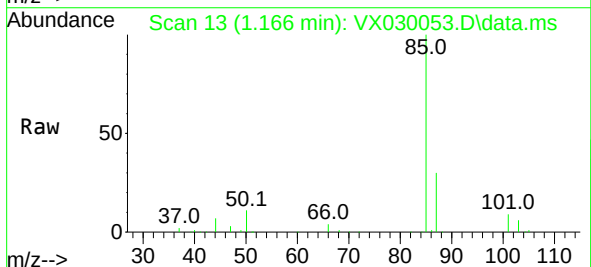
Tgt Ion:128 Resp: 2897
Ion Ratio Lower Upper
128 100
49 155.4 0.0 358.3
130 126.7 0.0 319.3

Manual Integrations
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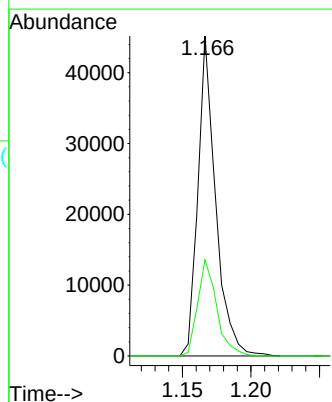
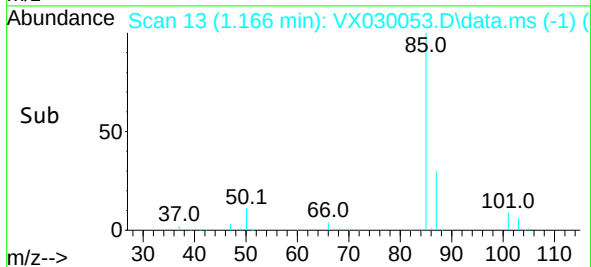
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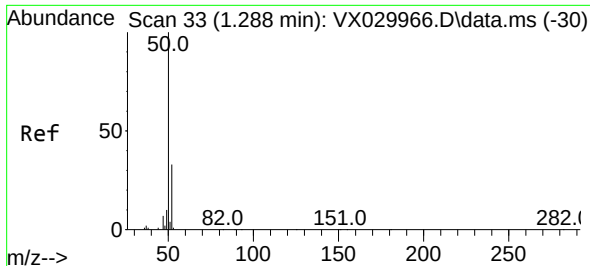


#2
Dichlorodifluoromethane
Concen: 20.506 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36



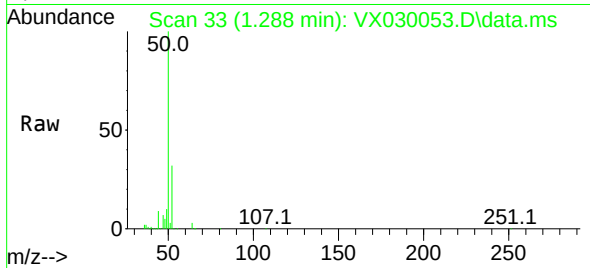
Tgt Ion: 85 Resp: 40633
Ion Ratio Lower Upper
85 100
87 30.1 15.6 46.8





#3
Chloromethane
Concen: 19.741 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

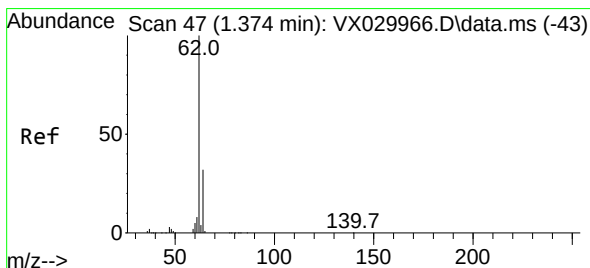
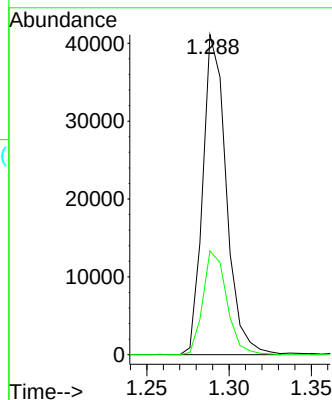
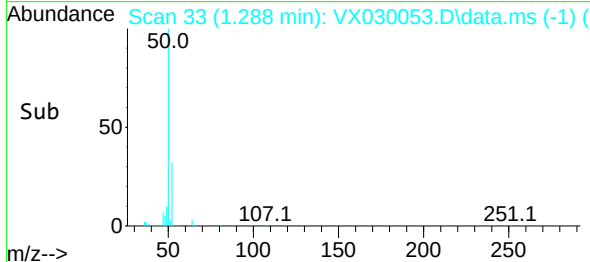
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Tgt Ion: 50 Resp: 40790
Ion Ratio Lower Upper
50 100
52 32.5 25.6 38.4

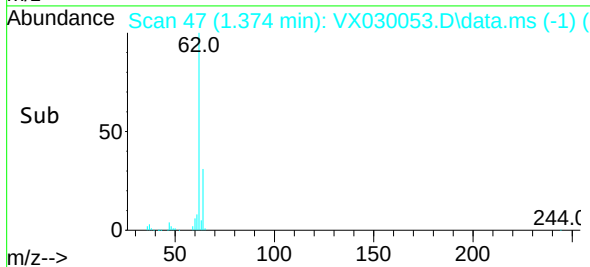
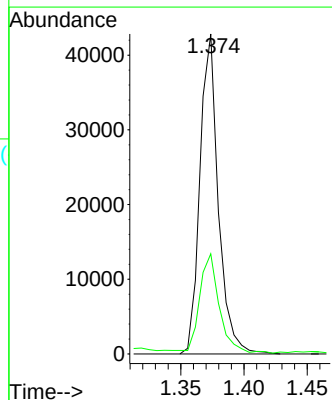
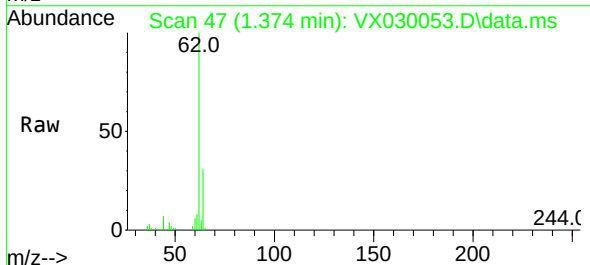
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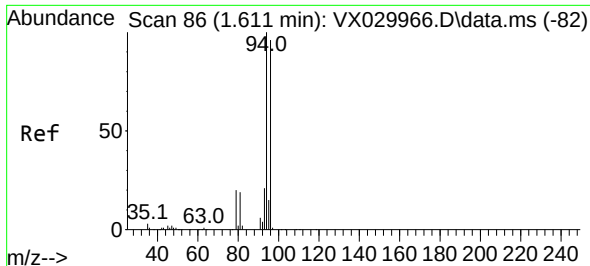
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#4
Vinyl Chloride
Concen: 18.540 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

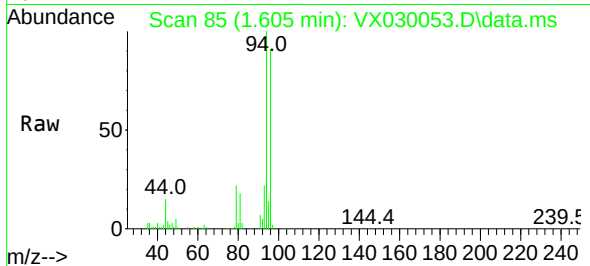
Tgt Ion: 62 Resp: 43409
Ion Ratio Lower Upper
62 100
64 30.7 26.2 39.2





#5
Bromomethane
Concen: 21.092 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

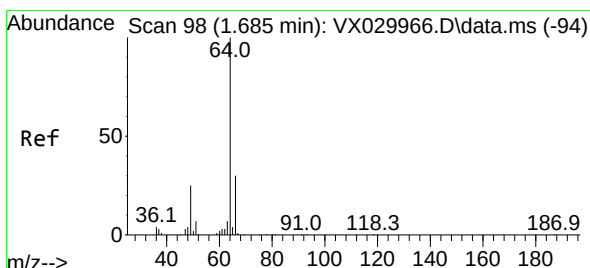
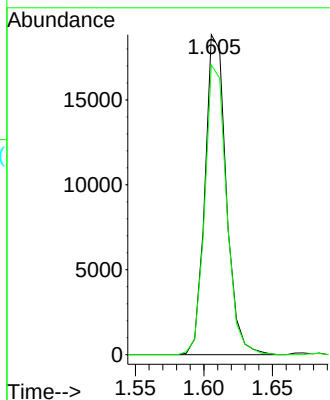
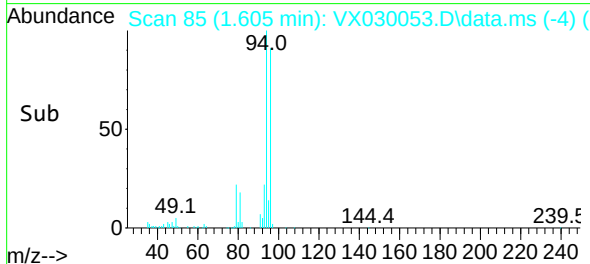
Instrument :
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Tgt Ion: 94 Resp: 2034
Ion Ratio Lower Upper
94 100
96 90.5 77.0 115.6

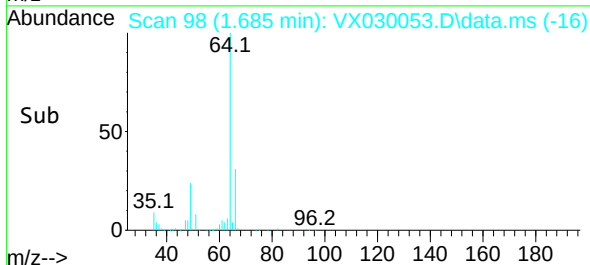
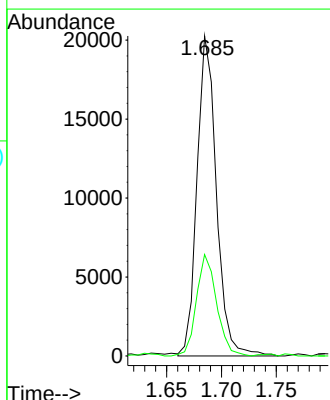
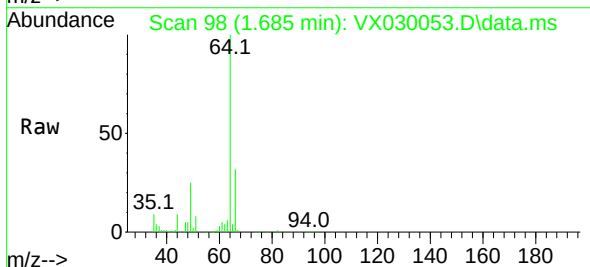
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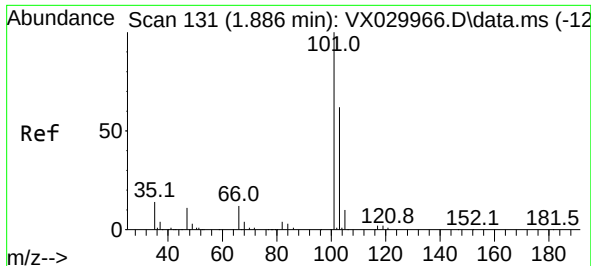
Reviewed By :John Carlone 07/15/2022
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#6
Chloroethane
Concen: 19.878 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX030053.D
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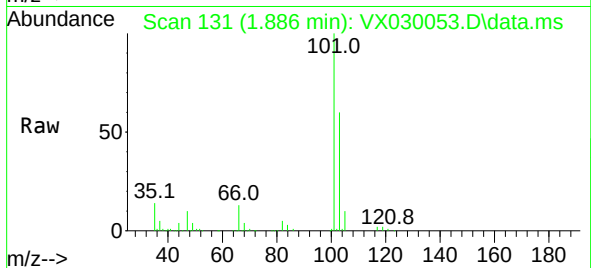
Tgt Ion: 64 Resp: 24925
Ion Ratio Lower Upper
64 100
66 31.7 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 19.828 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX030053.D
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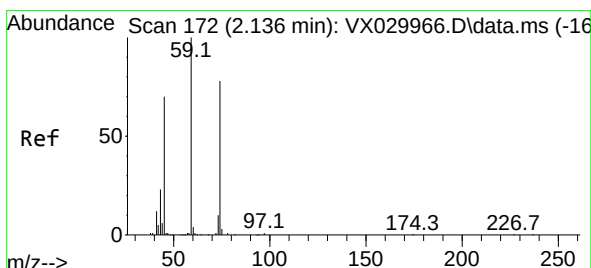
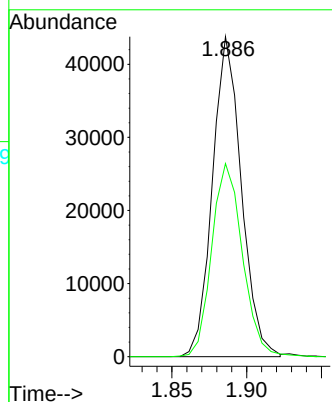
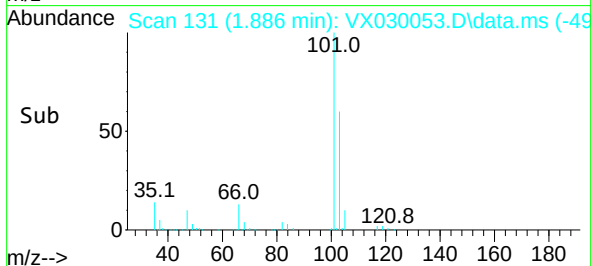
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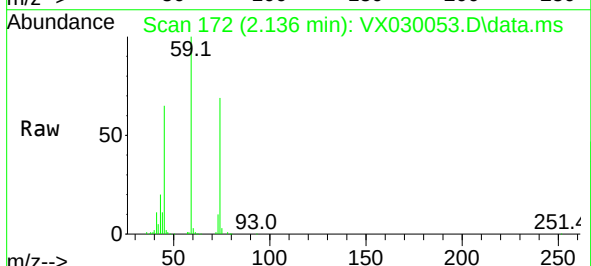
Tgt Ion:101 Resp: 58850
 Ion Ratio Lower Upper
 101 100
 103 60.1 49.6 74.4

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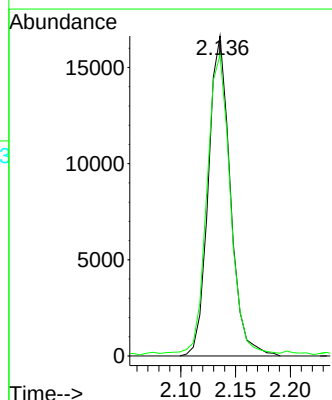
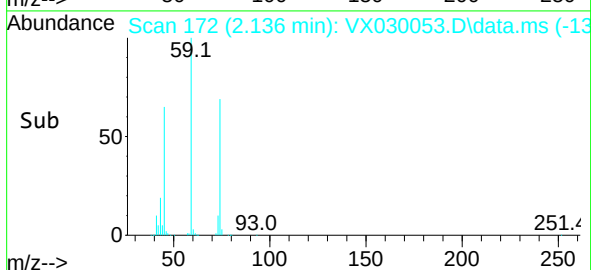
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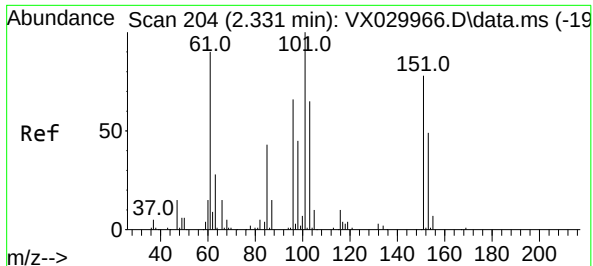


#8
 Diethyl Ether
 Concen: 18.339 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 23151
 Ion Ratio Lower Upper
 74 100
 45 102.0 18.7 168.7





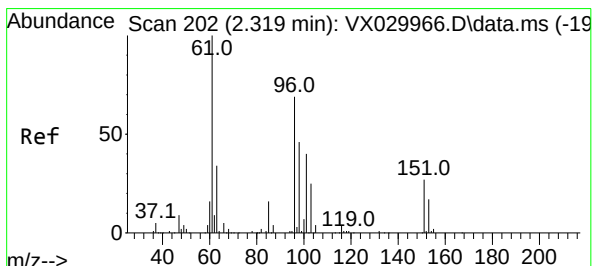
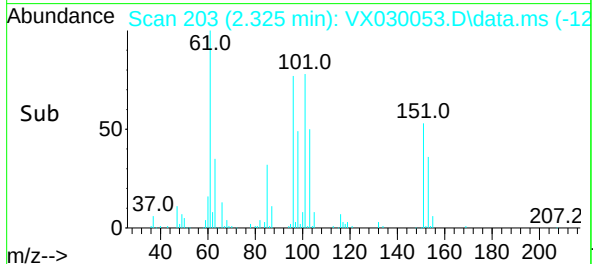
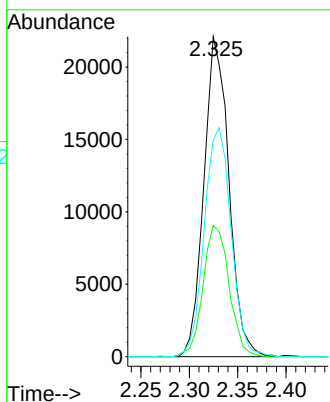
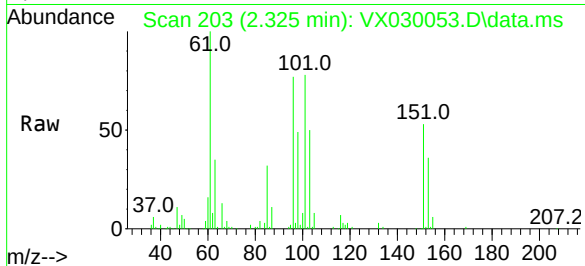
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.883 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030053.D
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Instrument :
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Tgt Ion:101 Resp: 3973
Ion Ratio Lower Upper
101 100
85 42.7 0.0 84.6
151 77.1 0.0 165.4

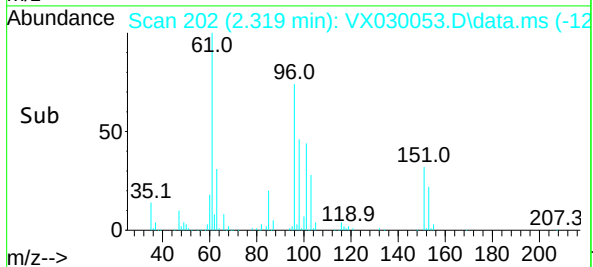
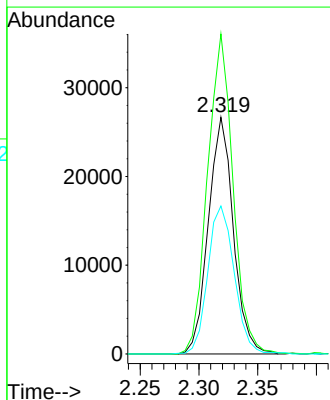
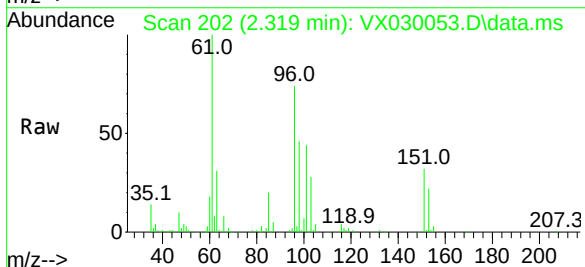
Manual Integrations
APPROVED

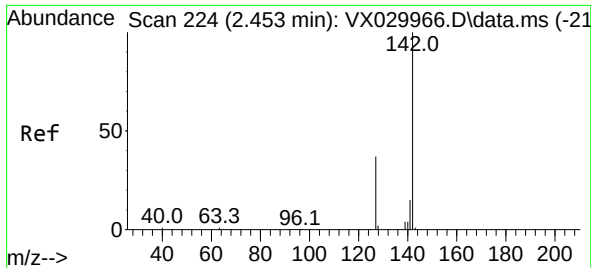
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#10
1,1-Dichloroethene
Concen: 19.421 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

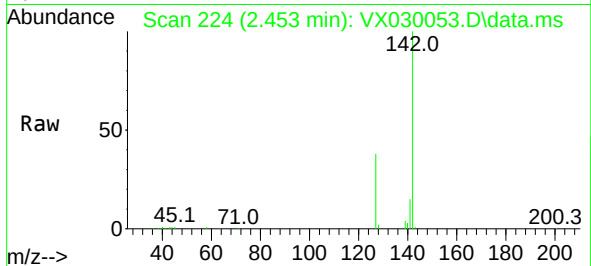
Tgt Ion: 96 Resp: 39630
Ion Ratio Lower Upper
96 100
61 135.2 122.6 183.8
98 62.3 50.1 75.1





#11
Methyl Iodide
Concen: 24.504 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

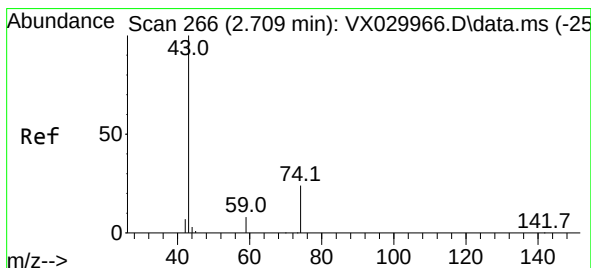
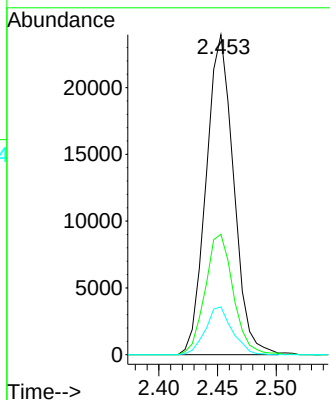
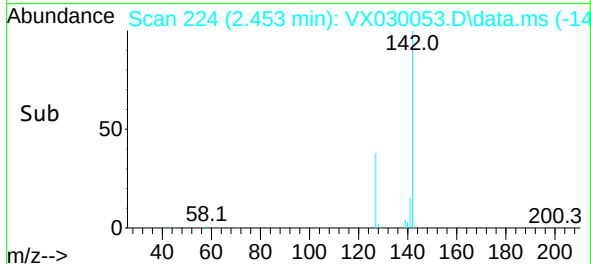
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



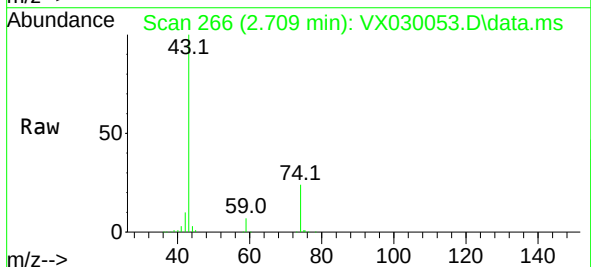
Tgt Ion:142 Resp: 3900
Ion Ratio Lower Upper
142 100
127 37.5 22.3 66.9
141 15.0 7.0 20.9

Manual Integrations
APPROVED

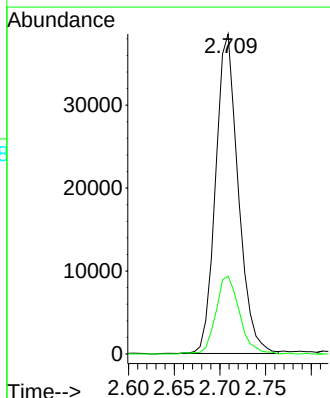
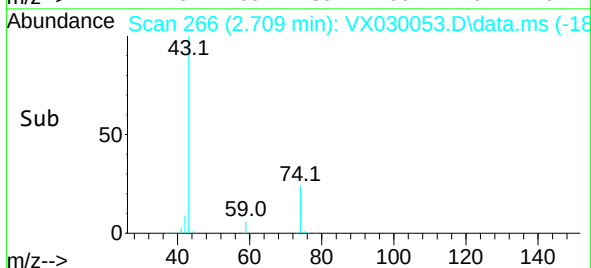
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

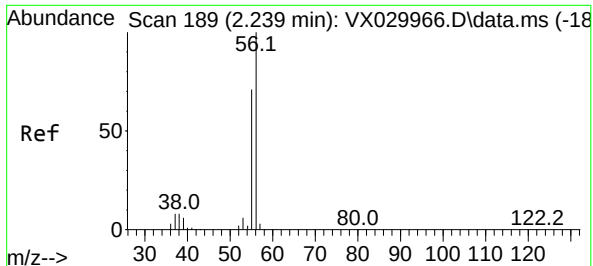


#12
Methyl Acetate
Concen: 19.967 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36



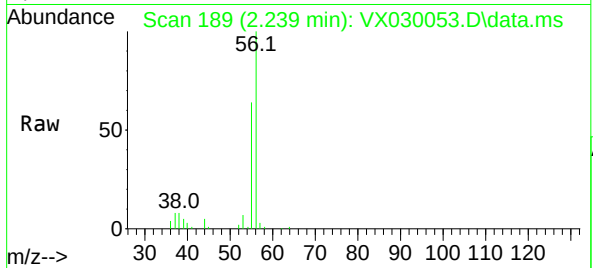
Tgt Ion: 43 Resp: 66358
Ion Ratio Lower Upper
43 100
74 24.4 22.1 33.1





#13
Acrolein
Concen: 45.746 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

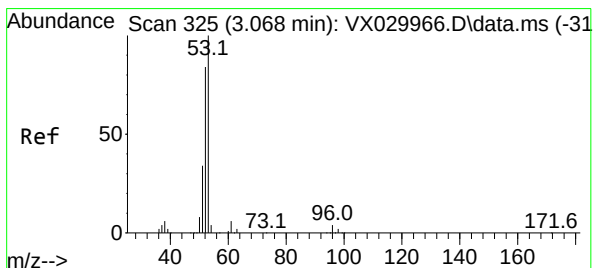
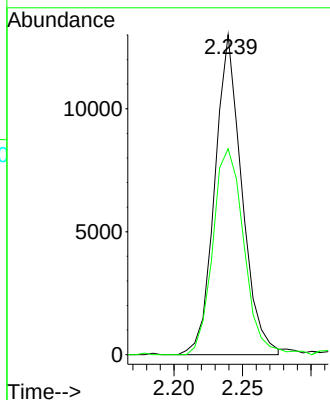
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



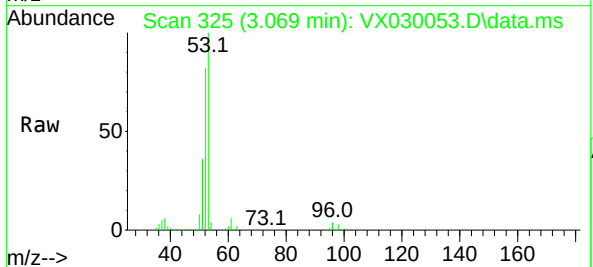
Tgt Ion: 56 Resp: 17860
Ion Ratio Lower Upper
56 100
55 73.4 56.4 84.6

Manual Integrations
APPROVED

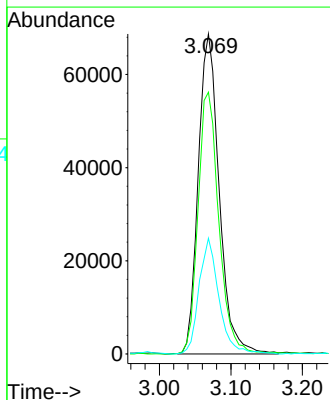
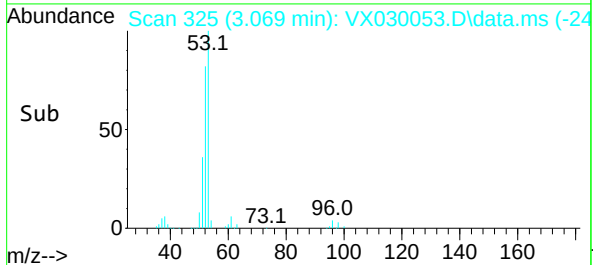
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

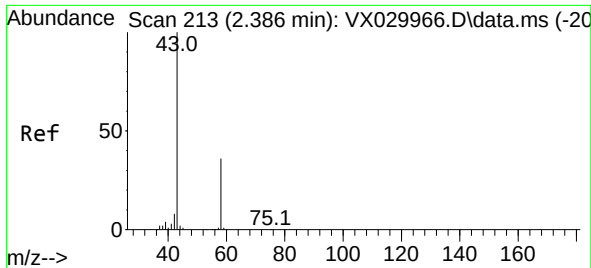


#14
Acrylonitrile
Concen: 97.841 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36



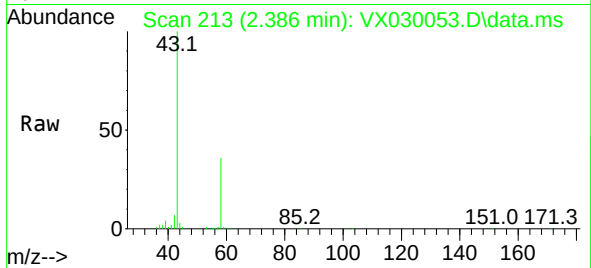
Tgt Ion: 53 Resp: 139943
Ion Ratio Lower Upper
53 100
52 81.2 41.5 124.5
51 34.0 18.1 54.4





#15
Acetone
Concen: 99.914 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

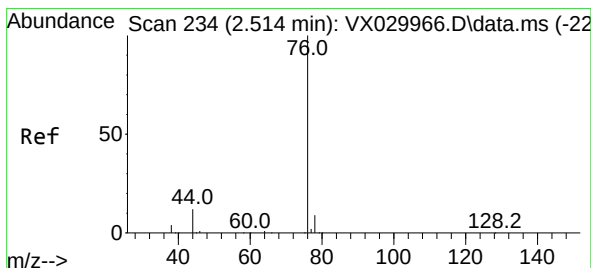
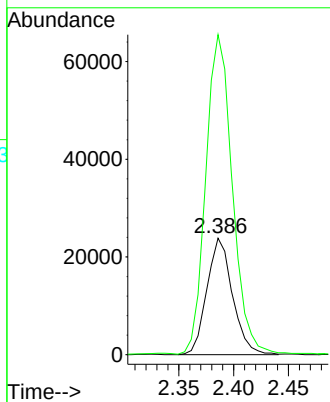
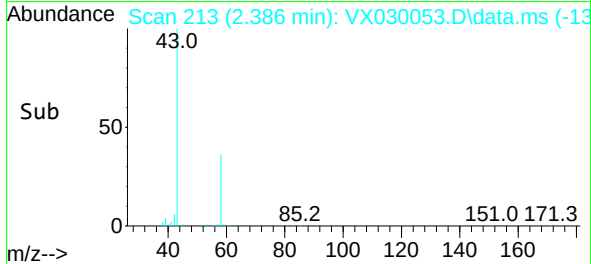
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



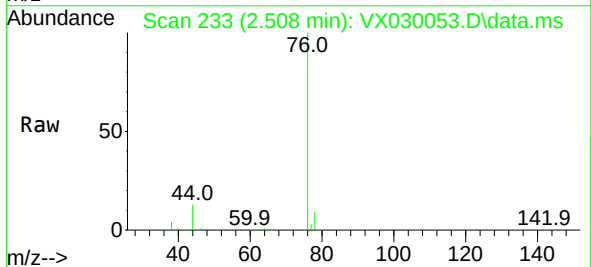
Tgt Ion: 58 Resp: 38819
Ion Ratio Lower Upper
58 100
43 274.3 250.2 375.2

Manual Integrations
APPROVED

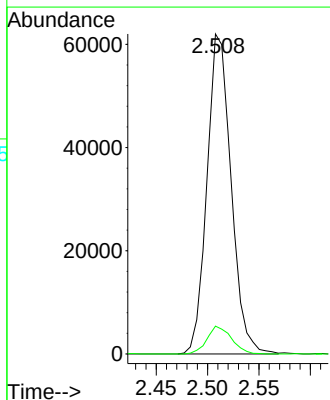
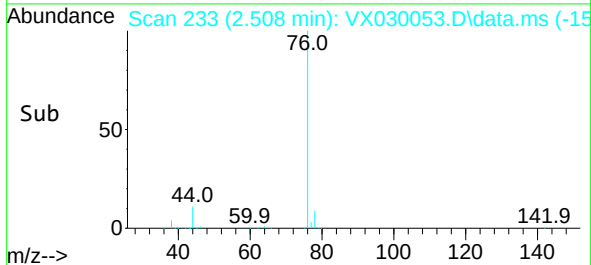
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

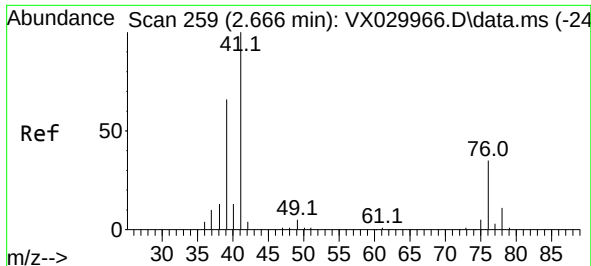


#16
Carbon Disulfide
Concen: 19.050 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36



Tgt Ion: 76 Resp: 101479
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7





#17

Allyl chloride

Concen: 18.861 ug/l

RT: 2.660 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

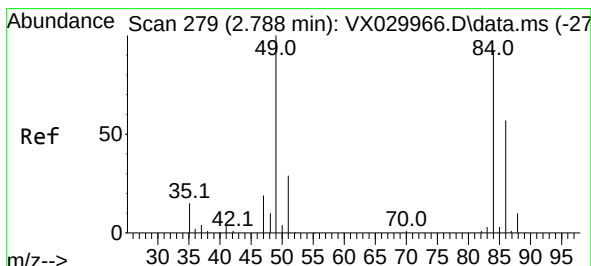
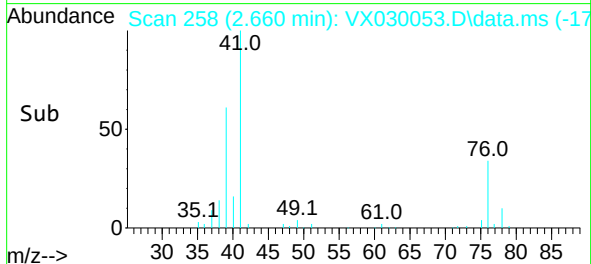
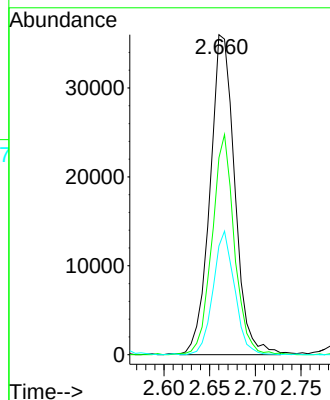
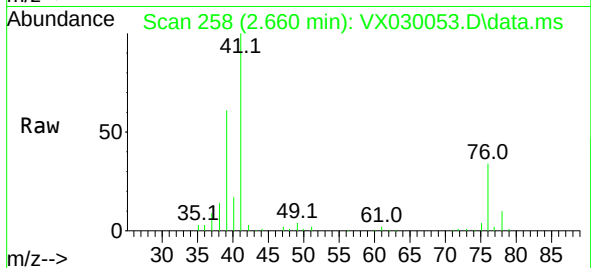
Tgt Ion: 41	Resp: 67824
Ion Ratio	Lower Upper
41 100	
39 61.2	35.4 106.1
76 34.0	18.4 55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#18

Methylene Chloride

Concen: 19.590 ug/l

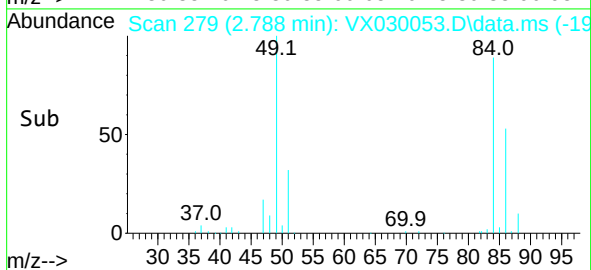
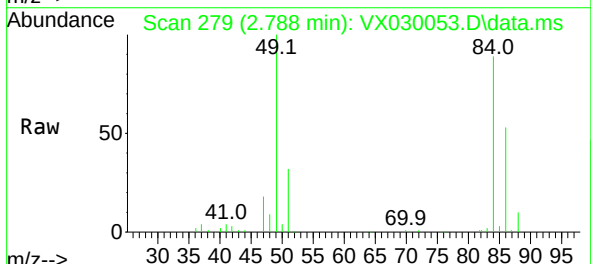
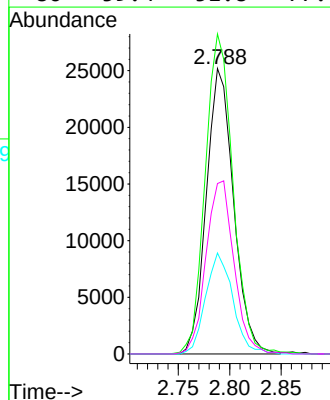
RT: 2.788 min Scan# 279

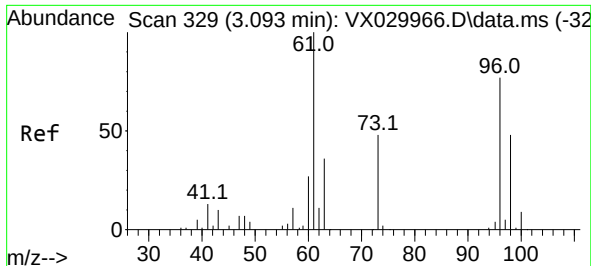
Delta R.T. 0.000 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

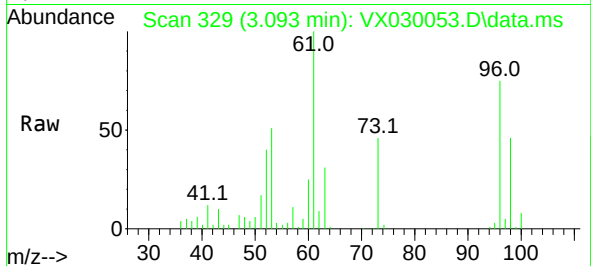
Tgt Ion: 84	Resp: 46574
Ion Ratio	Lower Upper
84 100	
49 111.5	94.2 141.2
51 35.4	29.2 43.8
86 59.4	51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 18.980 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

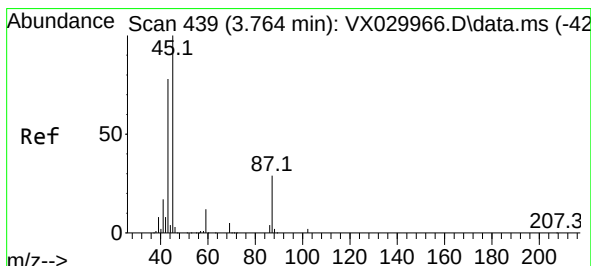
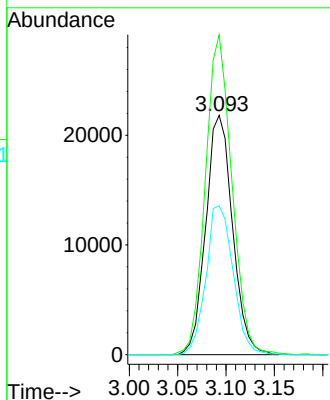
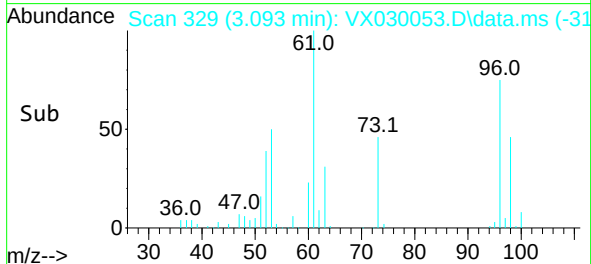
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



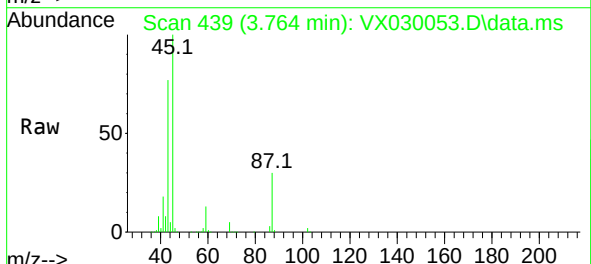
Tgt Ion: 96 Resp: 42030
Ion Ratio Lower Upper
96 100
61 133.0 108.7 163.1
98 62.2 49.2 73.8

Manual Integrations
APPROVED

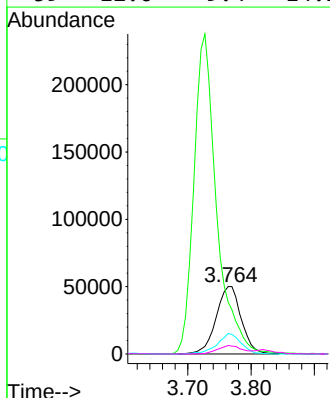
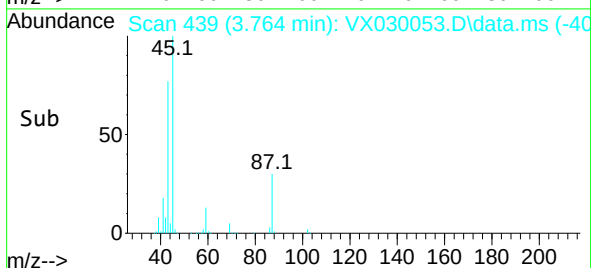
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

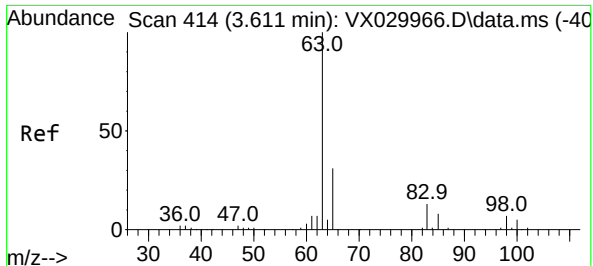


#20
Diisopropyl ether
Concen: 19.114 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36



Tgt Ion: 45 Resp: 137696
Ion Ratio Lower Upper
45 100
43 75.2 70.3 105.5
87 30.4 24.5 36.7
59 12.6 9.4 14.2





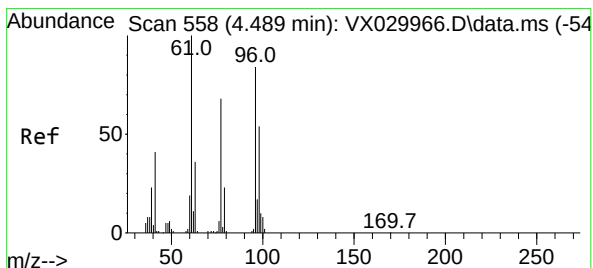
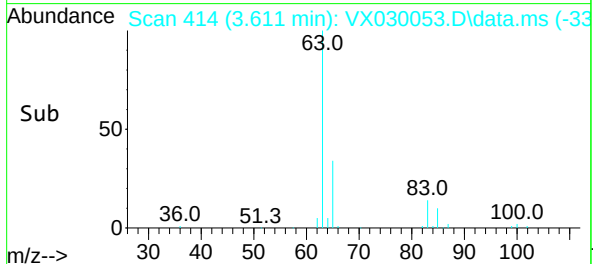
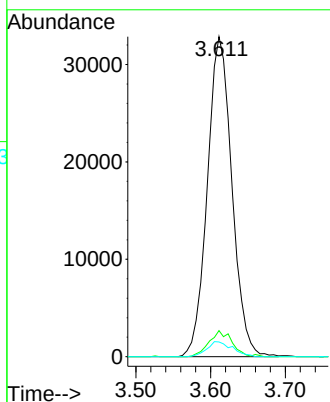
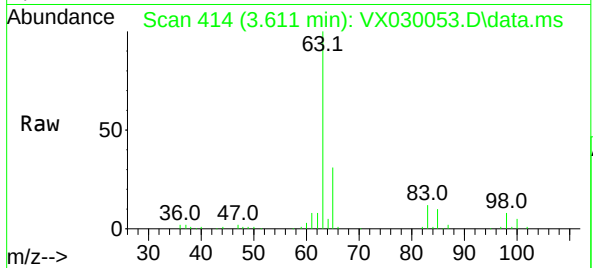
#21
1,1-Dichloroethane
Concen: 19.387 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 75180
Ion Ratio Lower Upper
63 100
98 8.1 3.8 11.2
100 4.6 2.5 7.5

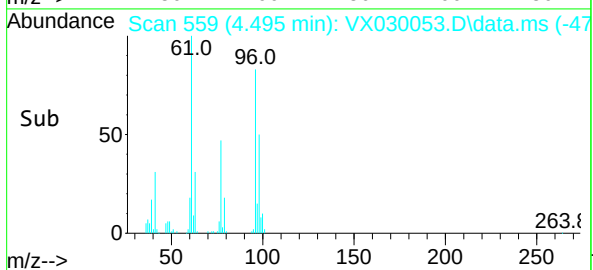
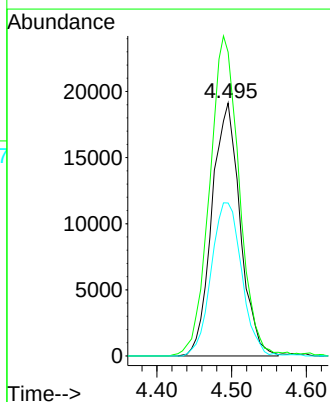
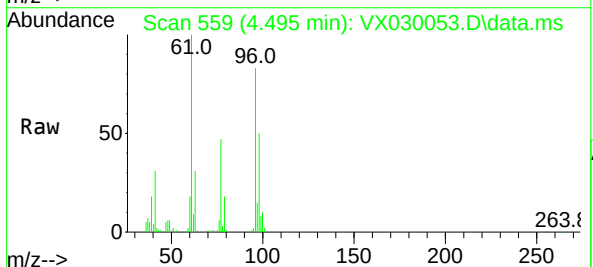
Manual Integrations
APPROVED

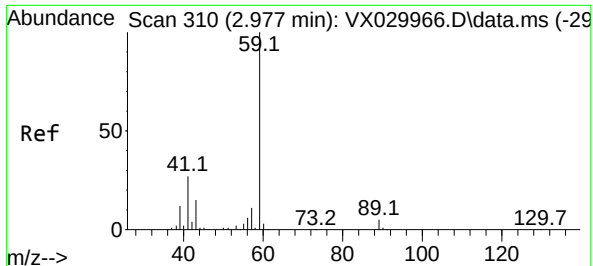
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#22
cis-1,2-Dichloroethene
Concen: 19.135 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Tgt Ion: 96 Resp: 50314
Ion Ratio Lower Upper
96 100
61 132.1 107.4 161.2
98 65.1 51.1 76.7





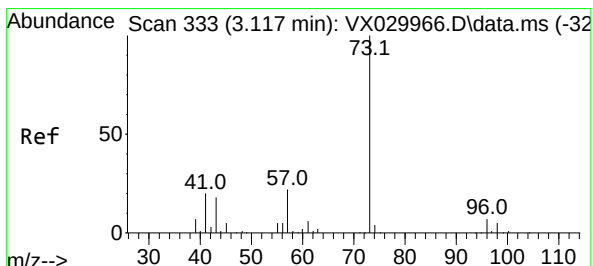
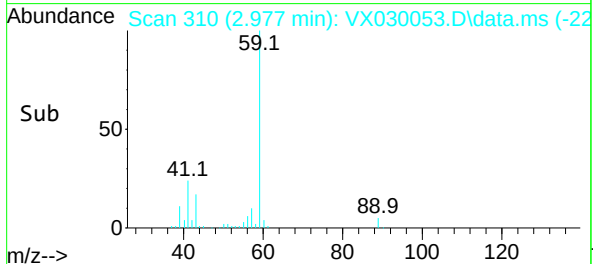
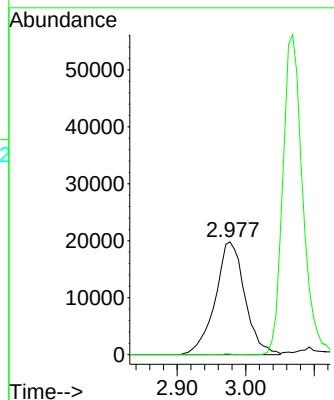
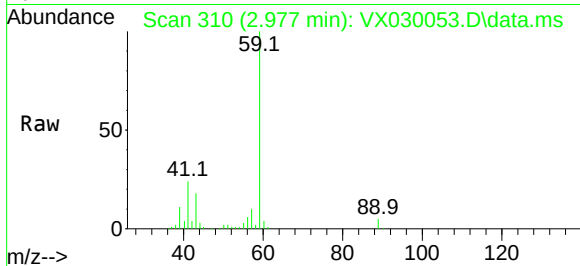
#23
tert-Butyl Alcohol
Concen: 90.653 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 59400
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

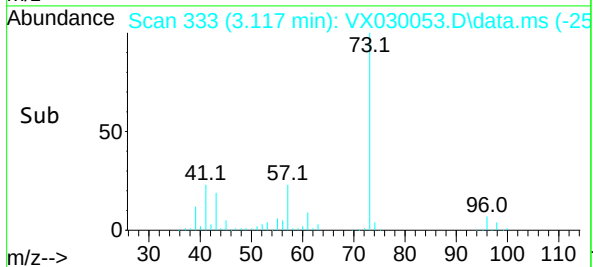
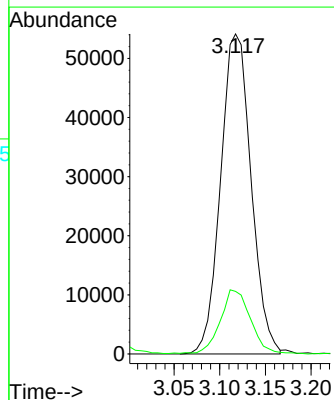
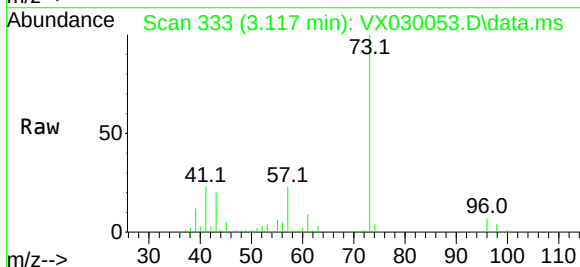
Manual Integrations
APPROVED

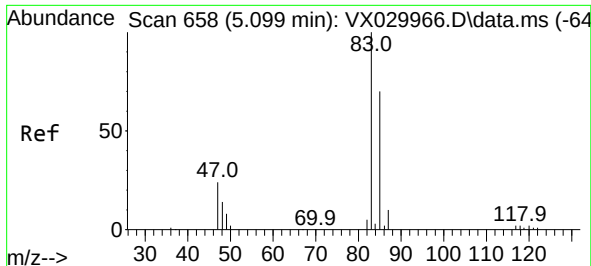
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#24
Methyl tert-Butyl Ether
Concen: 19.081 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Tgt Ion: 73 Resp: 125612
Ion Ratio Lower Upper
73 100
43 19.9 16.0 24.0





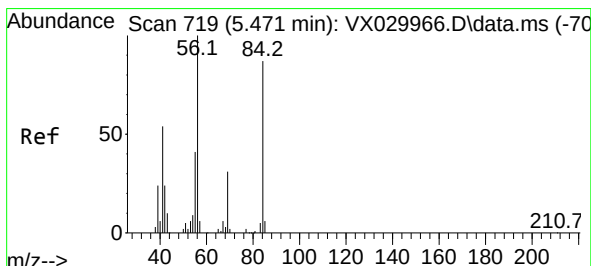
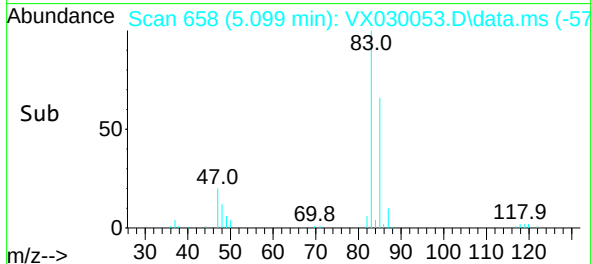
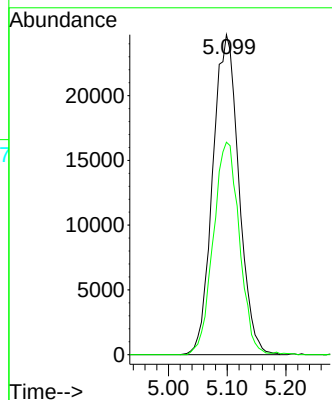
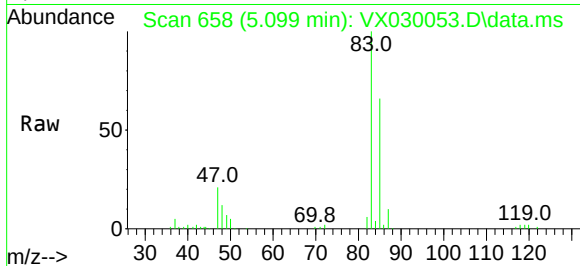
#25
Chloroform
Concen: 19.754 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 7635
Ion Ratio Lower Upper
83 100
85 66.4 49.9 74.9

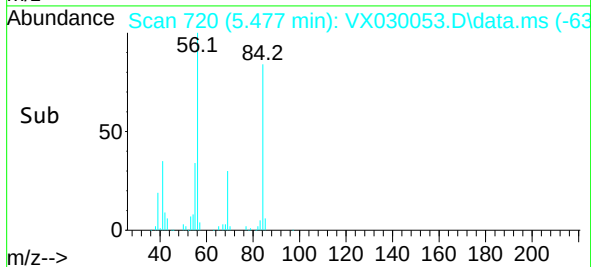
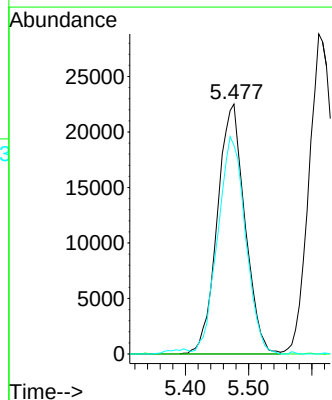
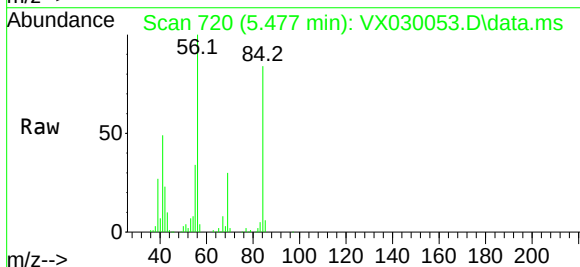
Manual Integrations
APPROVED

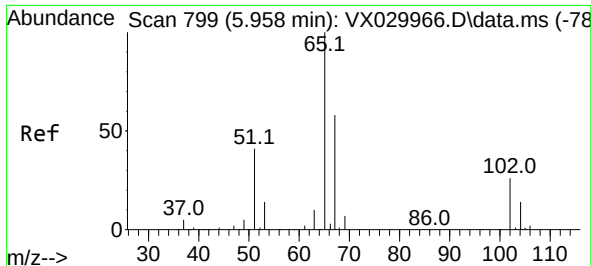
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#26
Cyclohexane
Concen: 18.979 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Tgt Ion: 56 Resp: 68198
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.7 76.2 114.2





#27

1,2-Dichloroethane-d4

Concen: 29.259 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 69134

Ion Ratio Lower Upper

65 100

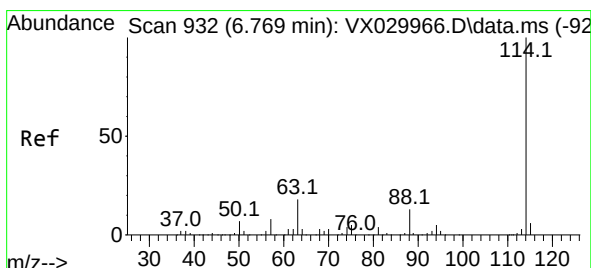
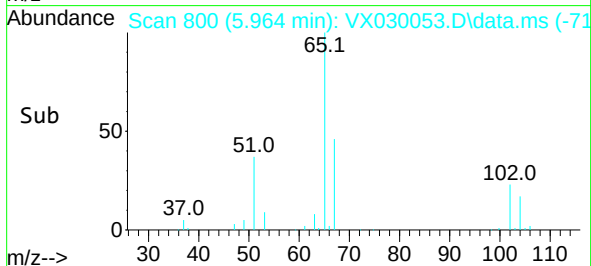
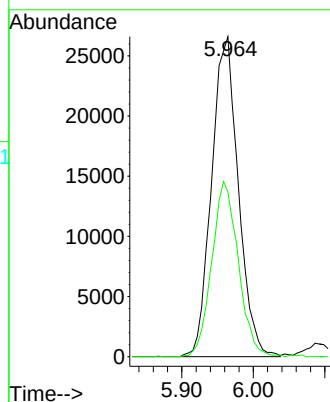
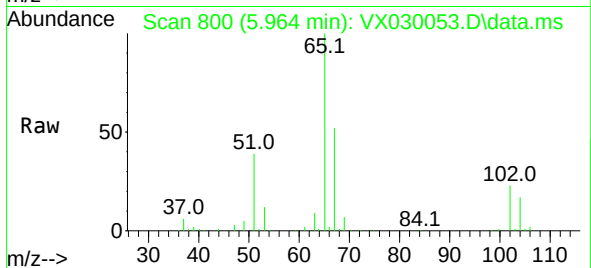
67 54.1 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

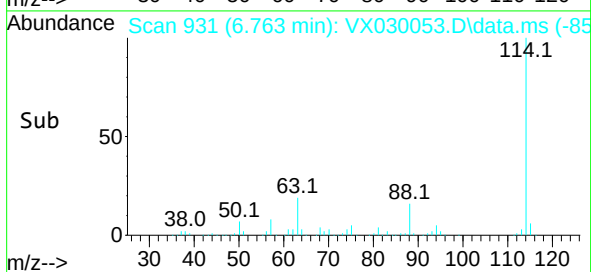
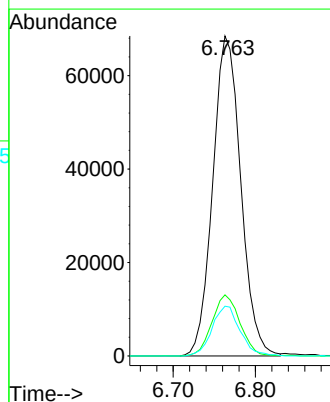
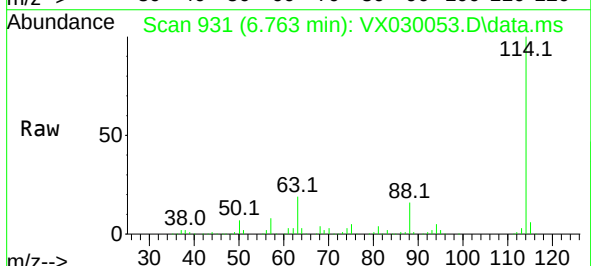
Tgt Ion:114 Resp: 162171

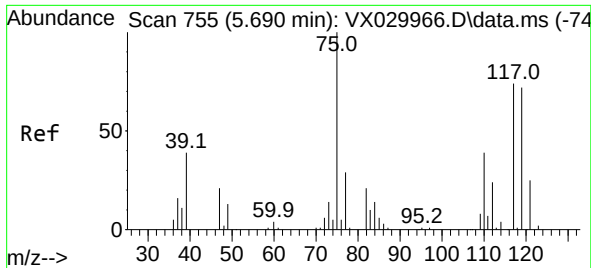
Ion Ratio Lower Upper

114 100

63 19.0 15.3 22.9

88 15.5 12.2 18.4





#29

1,1-Dichloropropene

Concen: 20.064 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 5566

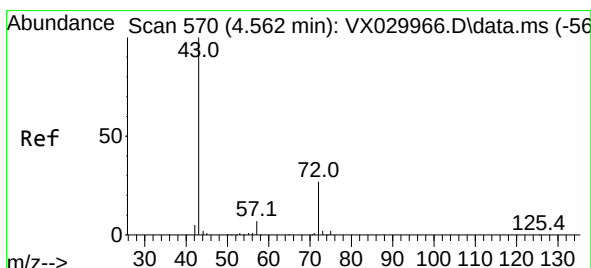
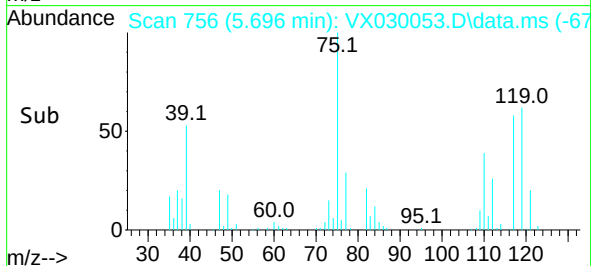
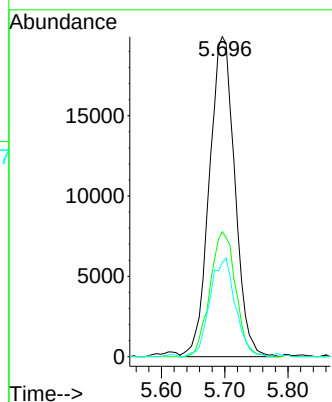
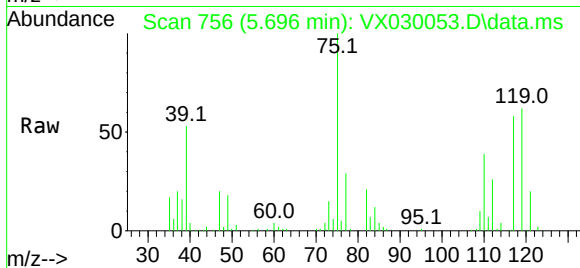
Ion	Ratio	Lower	Upper
75	100		
110	39.3	0.0	73.6
77	30.8	0.0	62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#30

2-Butanone

Concen: 101.277 ug/l

RT: 4.562 min Scan# 570

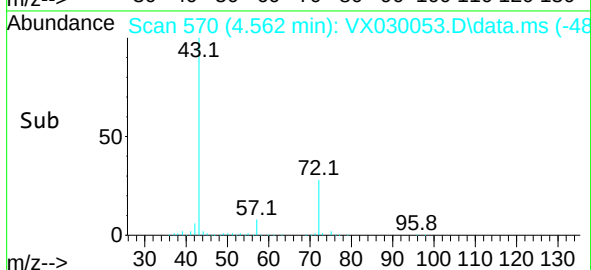
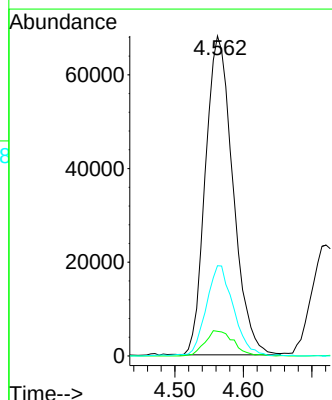
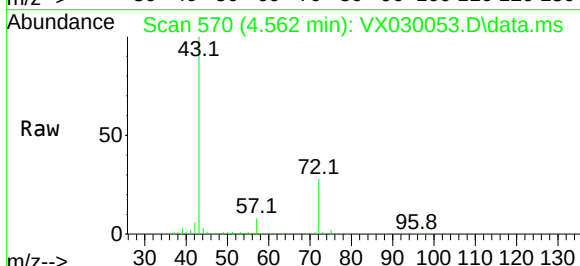
Delta R.T. 0.000 min

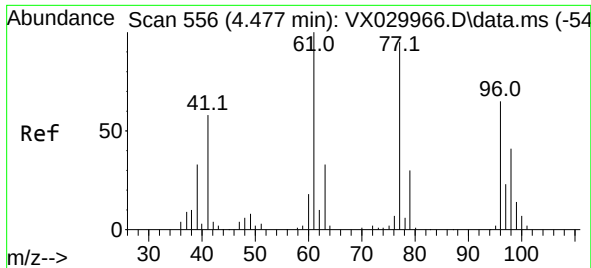
Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

Tgt Ion: 43 Resp: 189642

Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.6	10.0
72	27.9	22.1	33.1





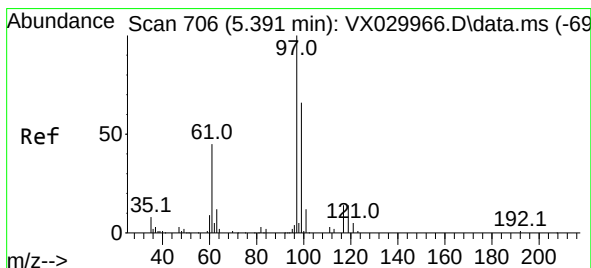
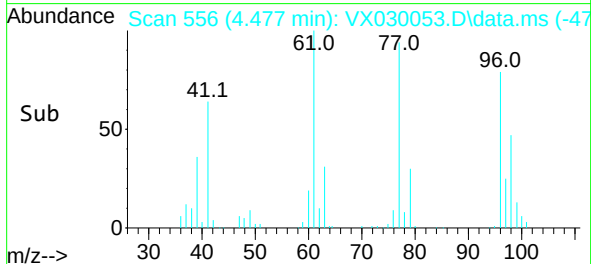
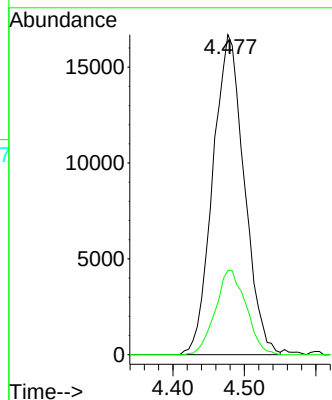
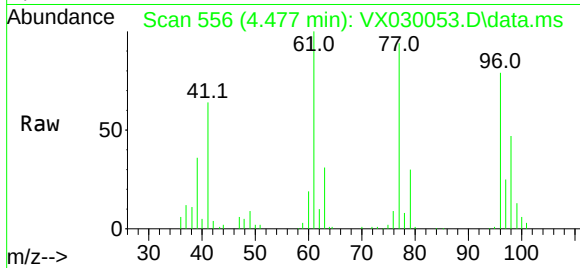
#31
2,2-Dichloropropane
Concen: 19.249 ug/l
RT: 4.477 min Scan# 51040
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 51040
Ion Ratio Lower Upper
77 100
97 25.7 18.4 27.6

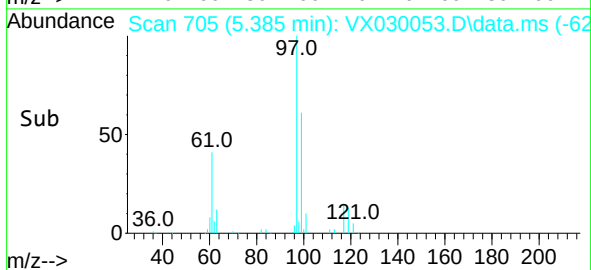
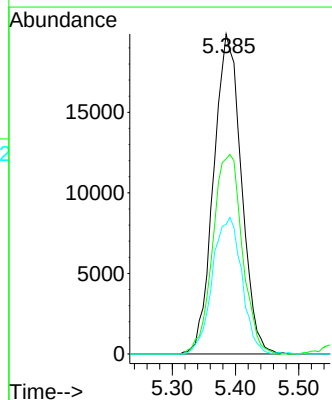
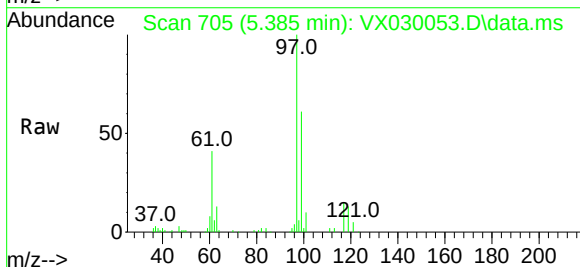
Manual Integrations
APPROVED

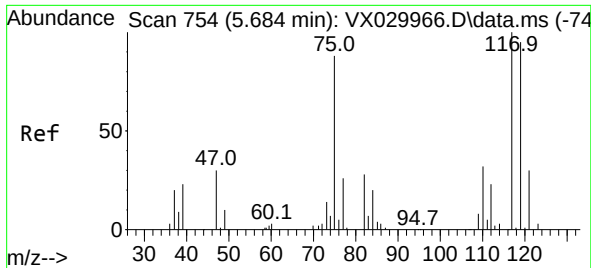
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#32
1,1,1-Trichloroethane
Concen: 20.295 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

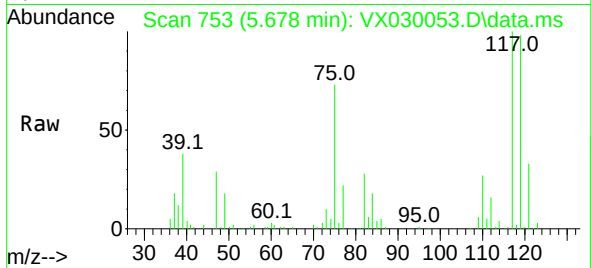
Tgt Ion: 97 Resp: 60539
Ion Ratio Lower Upper
97 100
99 66.3 51.8 77.8
61 45.1 33.4 50.0





#33
Carbon Tetrachloride
Concen: 20.243 ug/l
RT: 5.678 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

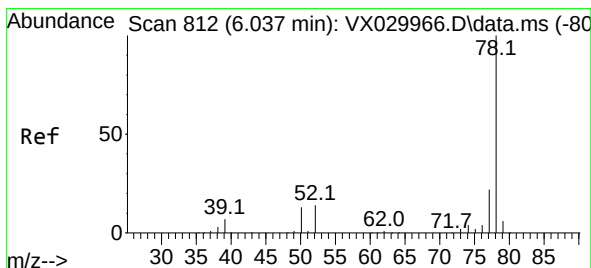
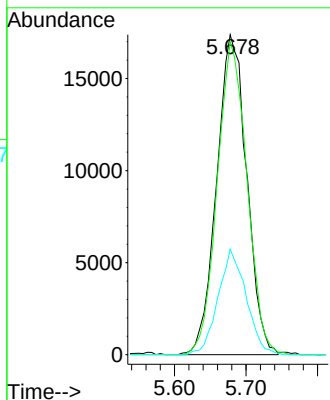
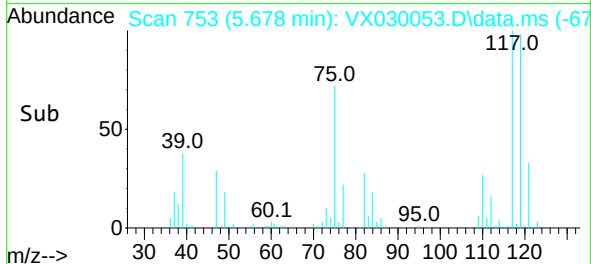
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 5071
Ion Ratio Lower Upper
117 100
119 97.7 75.3 112.9
121 33.0 24.1 36.1

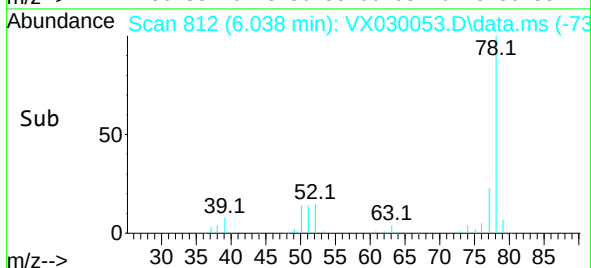
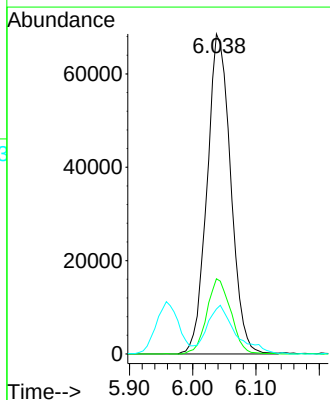
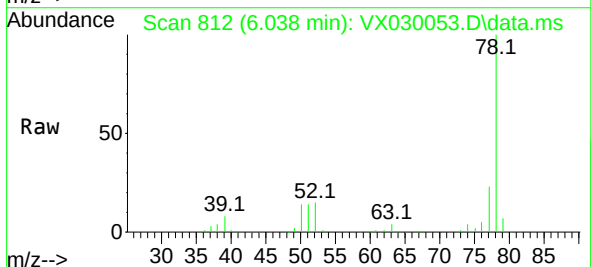
Manual Integrations
APPROVED

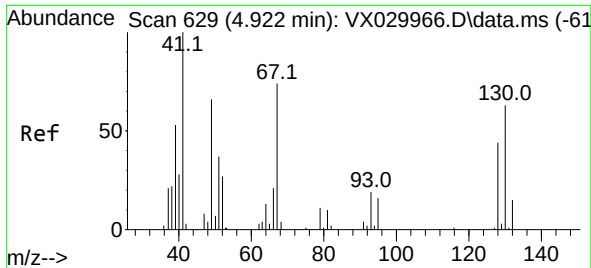
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#34
Benzene
Concen: 19.951 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Tgt Ion: 78 Resp: 177869
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7
51 13.9 12.9 19.3





#35
Methacrylonitrile
Concen: 20.326 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Instrument :

MSVOA_X

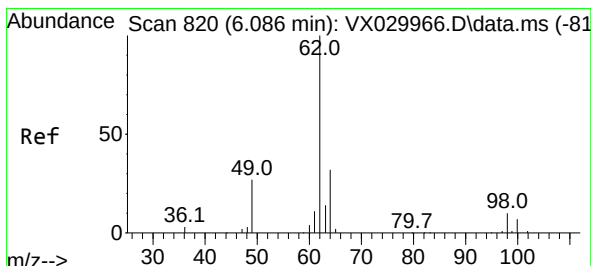
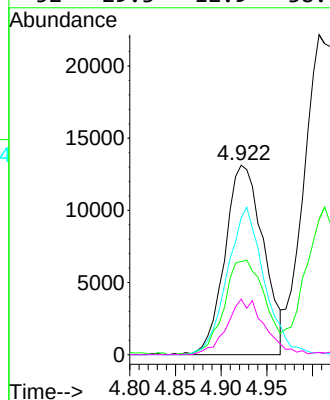
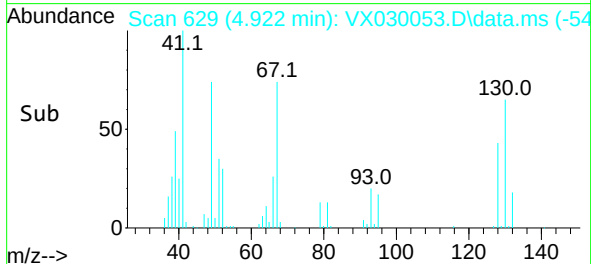
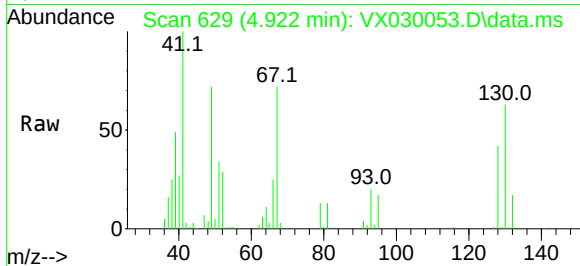
ClientSampleId :

VSTDCCC020

Tgt Ion: 41 Resp: 3852
Ion Ratio Lower Upper
41 100
39 48.6 27.0 81.0
67 72.3 33.3 99.8
52 29.3 12.9 38.7

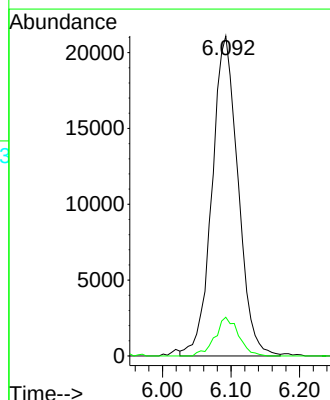
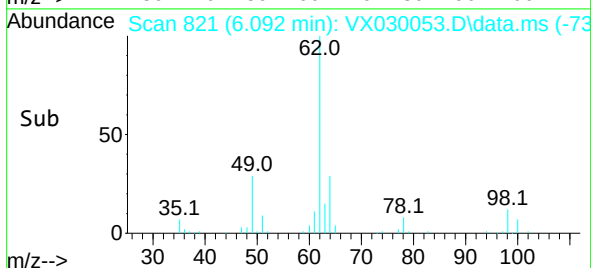
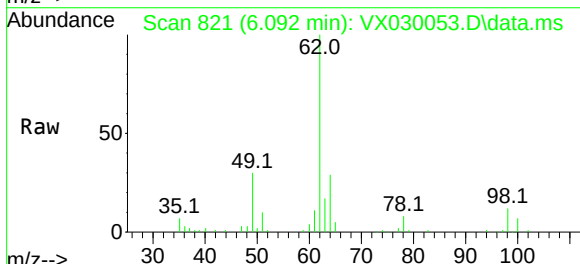
Manual Integrations
APPROVED

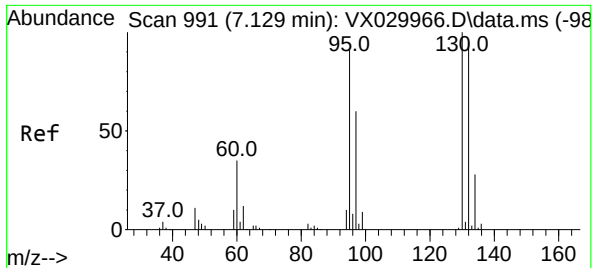
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#36
1,2-Dichloroethane
Concen: 20.489 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Tgt Ion: 62 Resp: 55605
Ion Ratio Lower Upper
62 100
98 10.4 7.4 11.0





#37

Trichloroethene

Concen: 20.164 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 48076

Ion Ratio Lower Upper

130 100

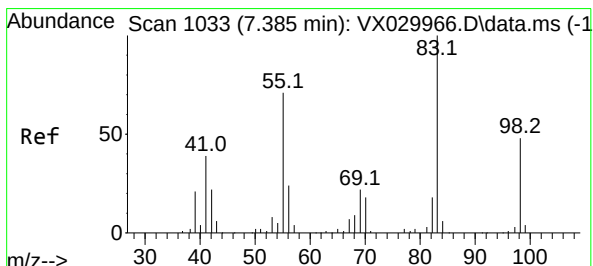
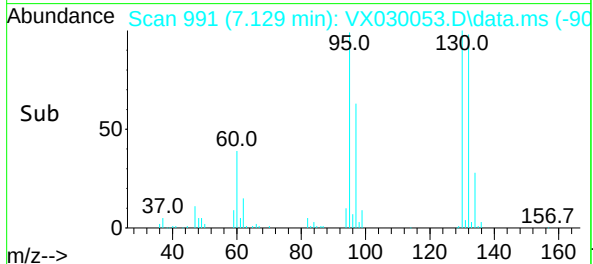
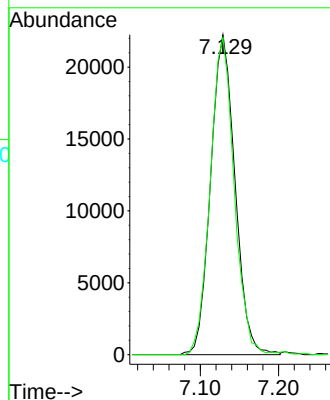
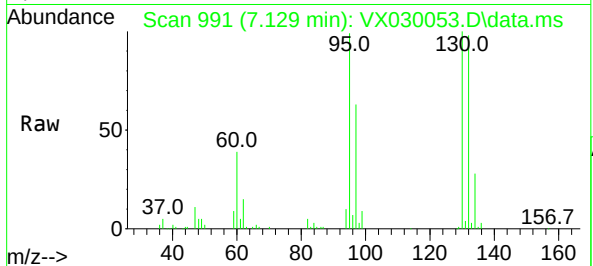
95 99.0 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#38

Methylcyclohexane

Concen: 20.241 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

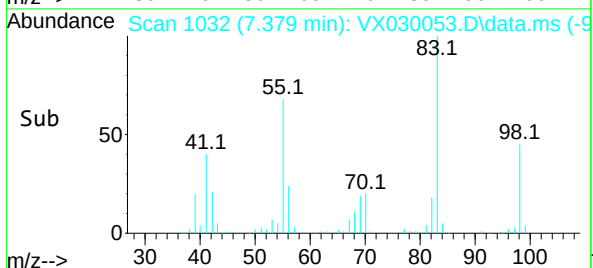
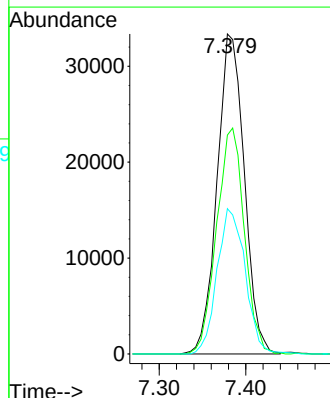
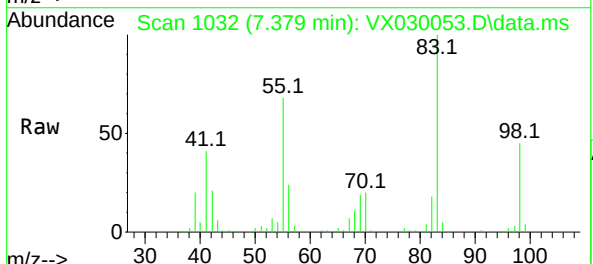
Tgt Ion: 83 Resp: 72862

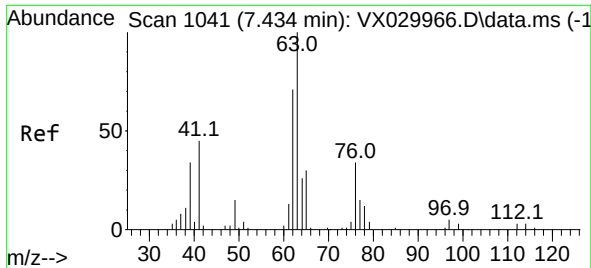
Ion Ratio Lower Upper

83 100

55 71.9 37.0 110.9

98 46.9 25.9 77.8





#39

1,2-Dichloropropane

Concen: 20.278 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 46020

Ion Ratio Lower Upper

63 100

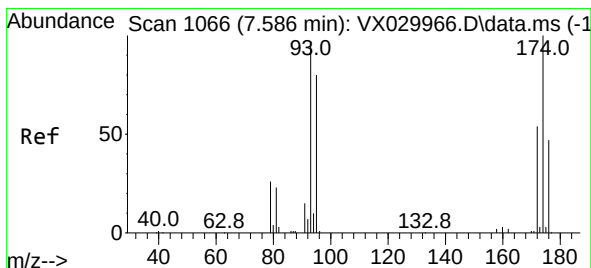
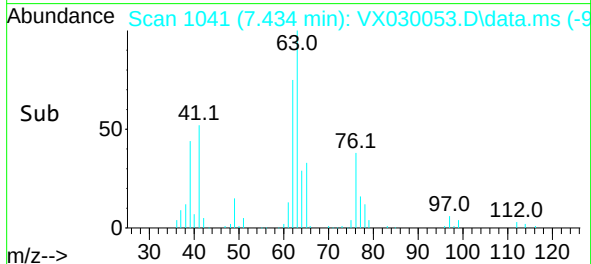
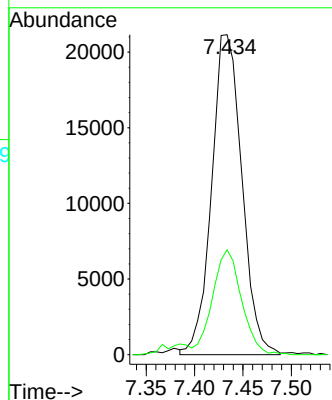
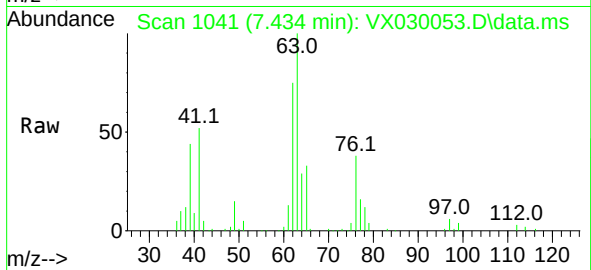
65 32.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#40

Dibromomethane

Concen: 19.907 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

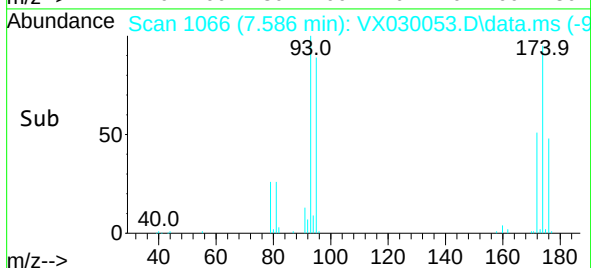
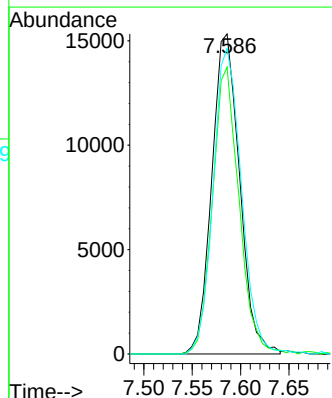
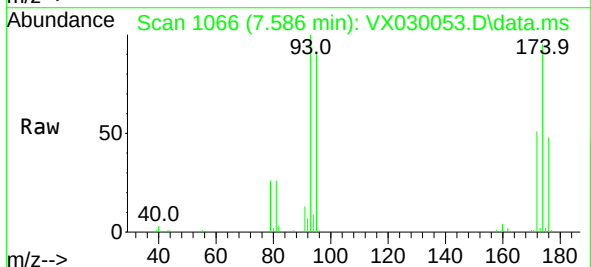
Tgt Ion: 93 Resp: 30623

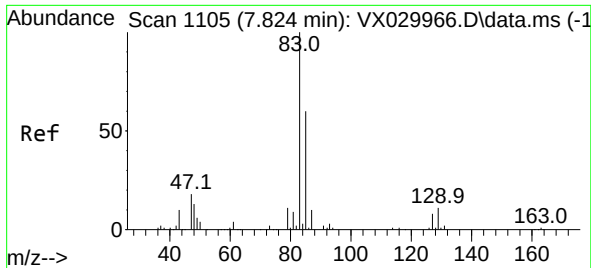
Ion Ratio Lower Upper

93 100

95 85.5 0.0 168.8

174 96.6 0.0 220.8





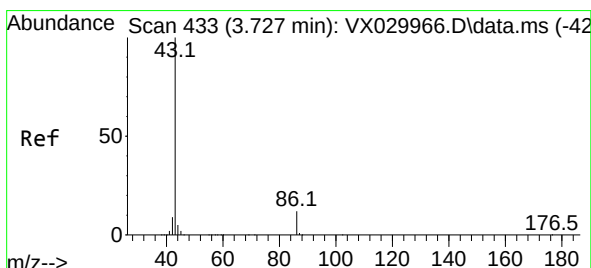
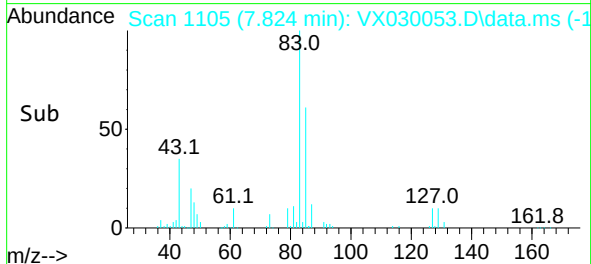
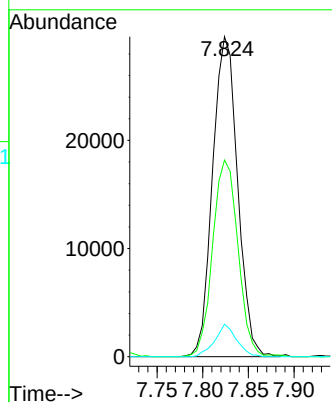
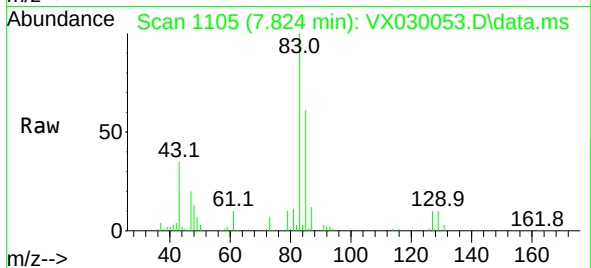
#41
Bromodichloromethane
Concen: 20.540 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 5644
Ion Ratio Lower Upper
83 100
85 61.4 50.6 75.8
127 10.2 7.0 10.6

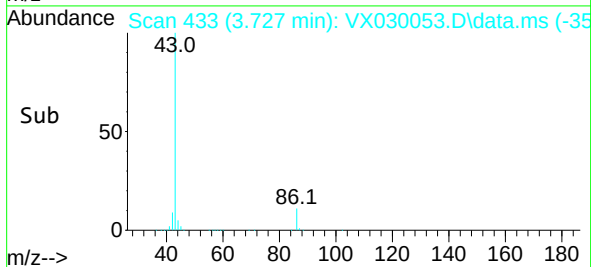
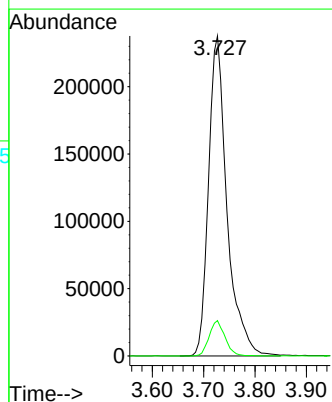
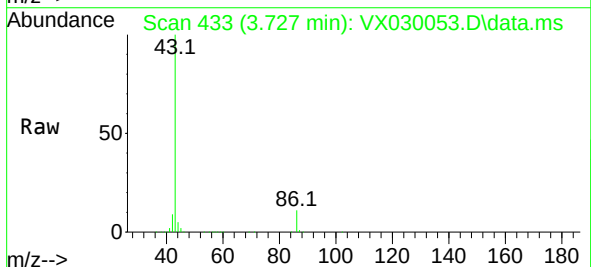
Manual Integrations
APPROVED

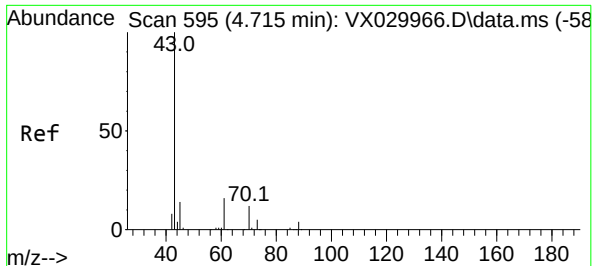
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#42
Vinyl Acetate
Concen: 98.953 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Tgt Ion: 43 Resp: 592553
Ion Ratio Lower Upper
43 100
86 9.5 8.5 12.7





#43

Ethyl Acetate

Concen: 19.466 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 68660

Ion Ratio Lower Upper

43 100

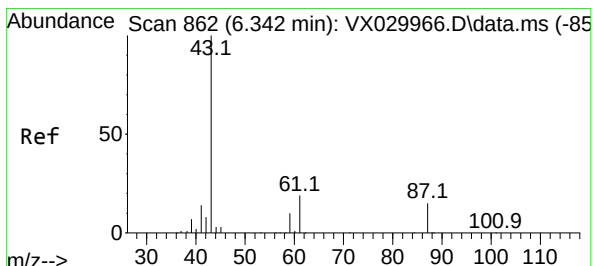
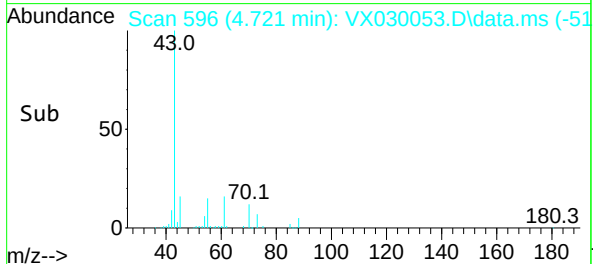
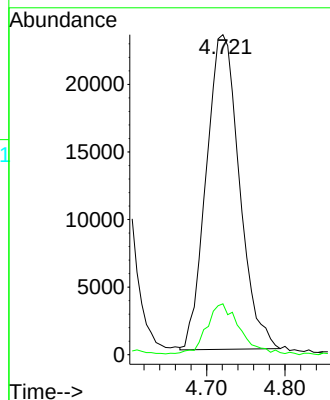
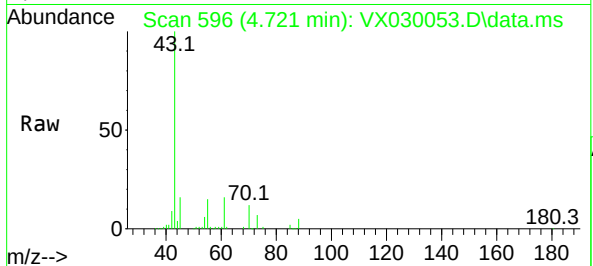
45 15.2 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#44

Isopropyl Acetate

Concen: 19.923 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX030053.D

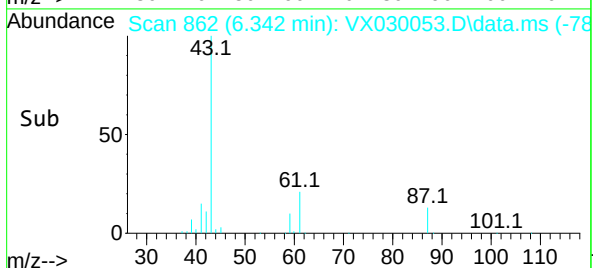
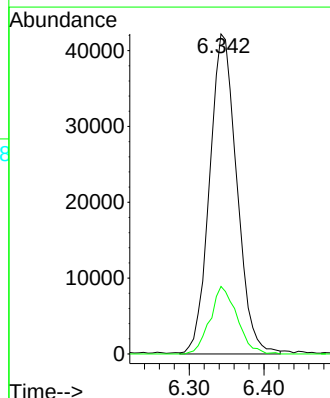
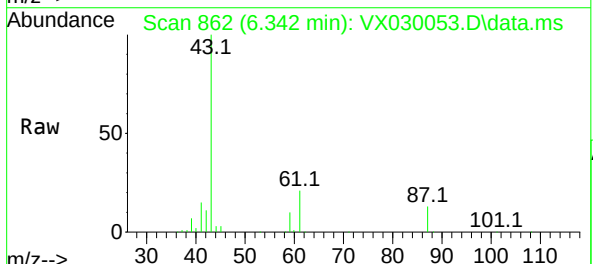
Acq: 14 Jul 2022 11:36

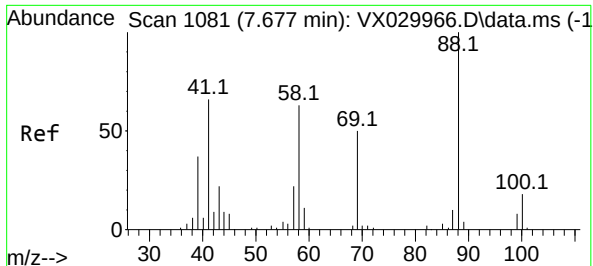
Tgt Ion: 43 Resp: 106756

Ion Ratio Lower Upper

43 100

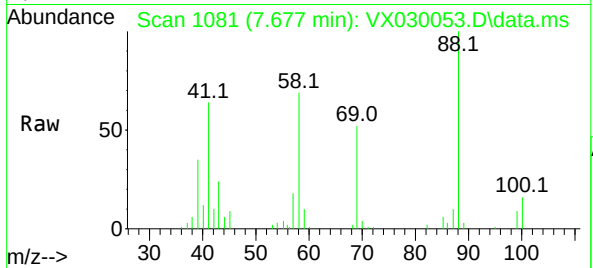
61 20.7 17.0 25.4





#45
1,4-Dioxane
Concen: 416.151 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

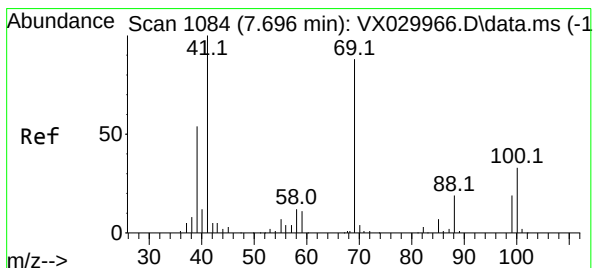
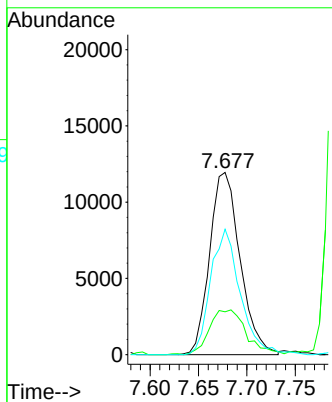
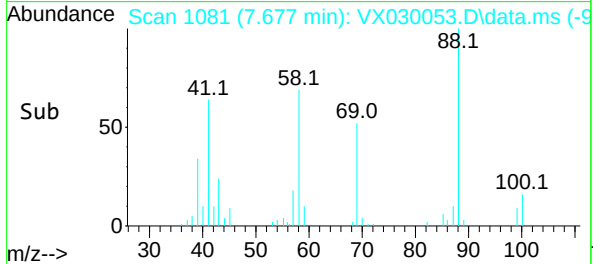
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



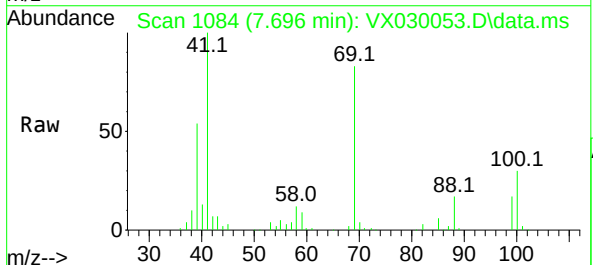
Tgt Ion: 88 Resp: 2617
Ion Ratio Lower Upper
88 100
43 29.5 25.8 38.6
58 66.5 54.8 82.2

Manual Integrations
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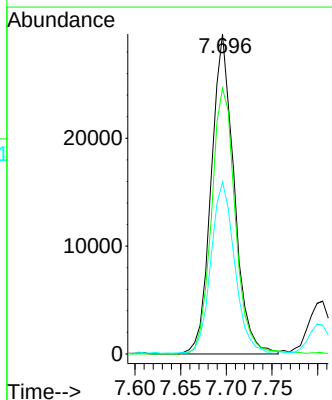
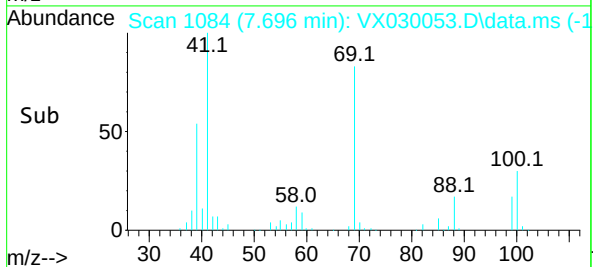
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

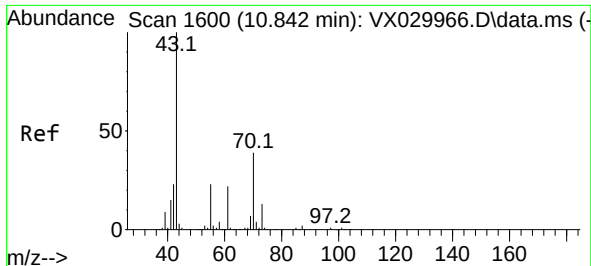


#46
Methyl methacrylate
Concen: 20.366 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36



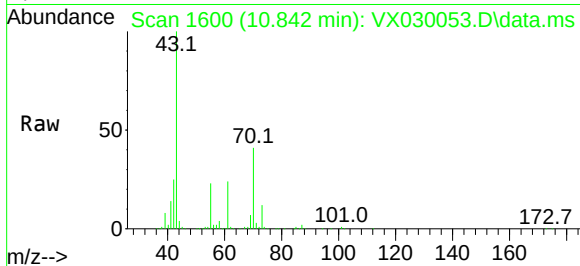
Tgt Ion: 41 Resp: 51715
Ion Ratio Lower Upper
41 100
69 83.1 41.9 125.8
39 53.5 27.5 82.5





#47
n-amy1 Acetate
Concen: 18.266 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

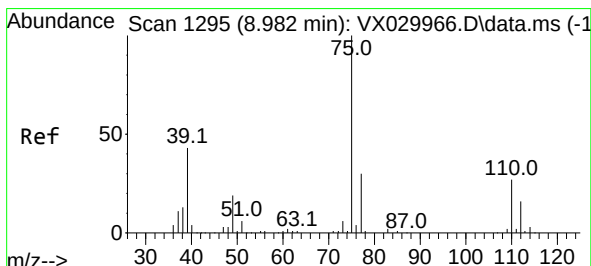
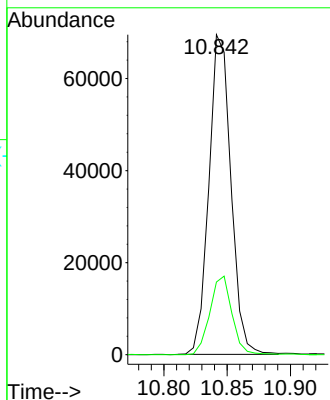
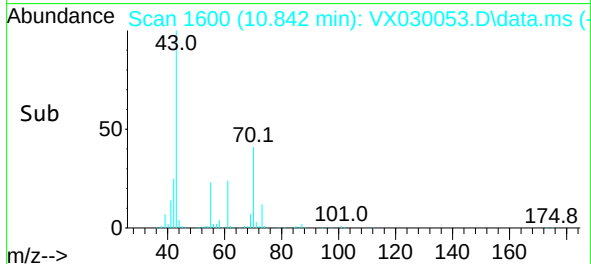
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 8408
Ion Ratio Lower Upper
43 100
55 24.7 20.4 30.6

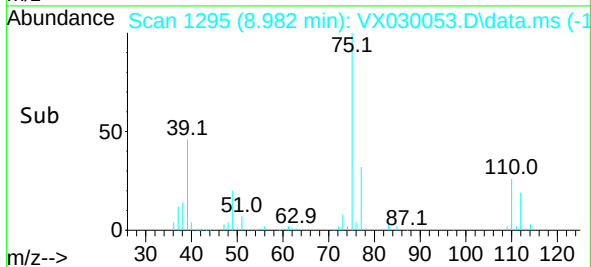
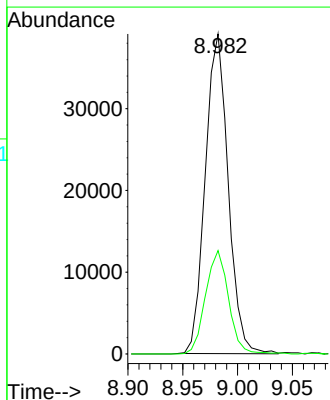
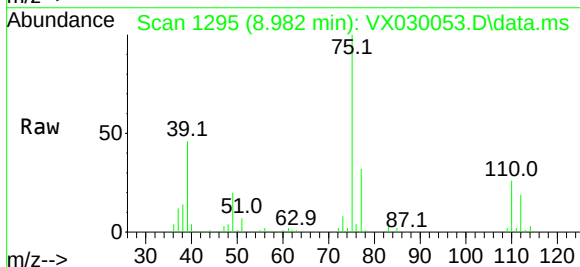
Manual Integrations
APPROVED

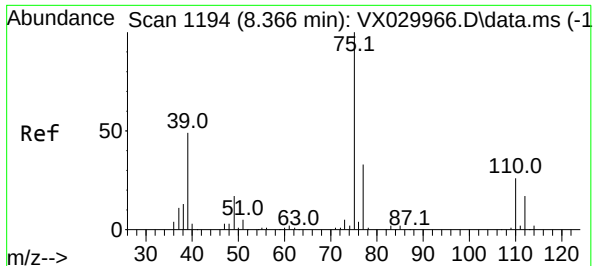
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#48
t-1,3-Dichloropropene
Concen: 18.731 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Tgt Ion: 75 Resp: 56881
Ion Ratio Lower Upper
75 100
77 32.4 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 19.567 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 66724

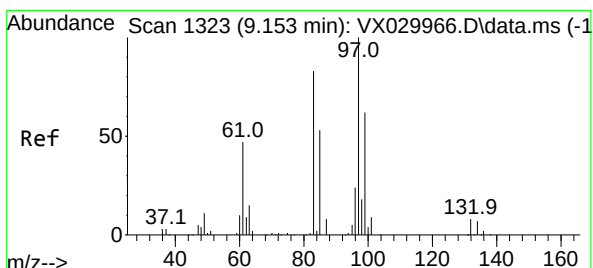
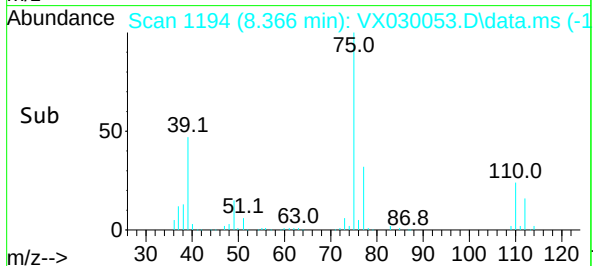
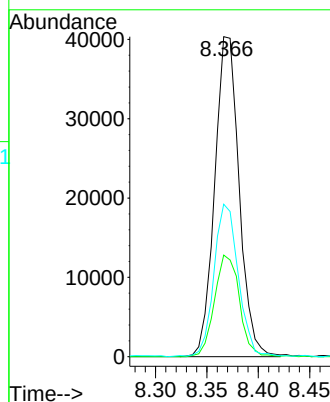
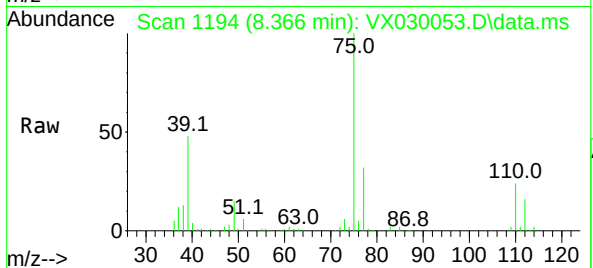
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.2	37.8
39	47.3	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#50

1,1,2-Trichloroethane

Concen: 20.820 ug/l

RT: 9.153 min Scan# 1323

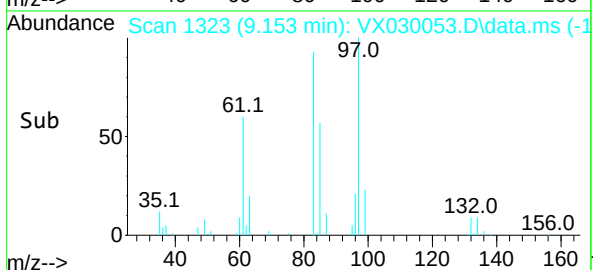
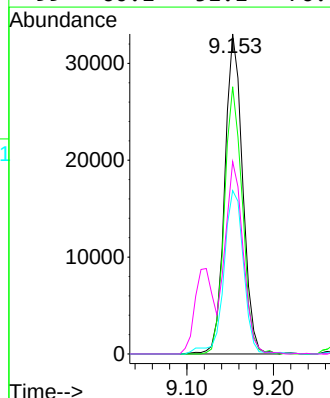
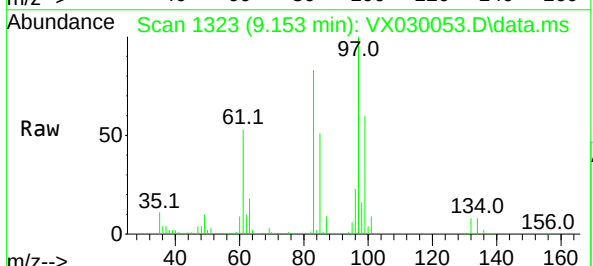
Delta R.T. 0.000 min

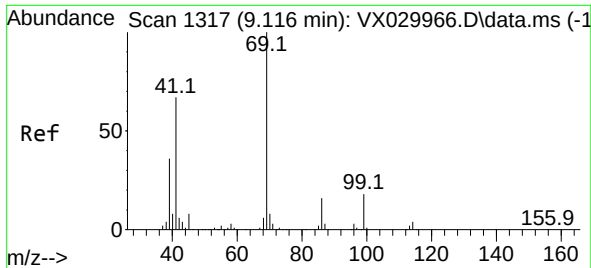
Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

Tgt Ion: 97 Resp: 47449

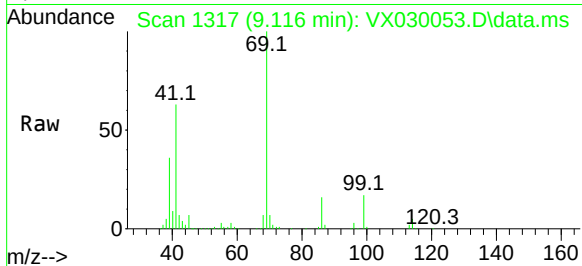
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.2	99.4
85	51.0	40.4	60.6
99	60.1	51.1	76.7





#51
Ethyl methacrylate
Concen: 19.564 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

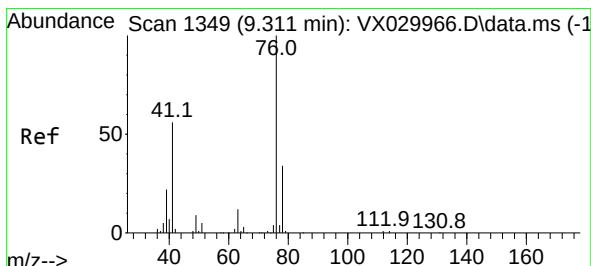
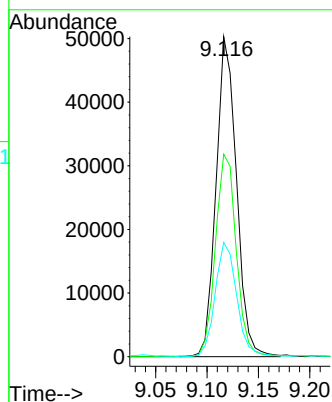
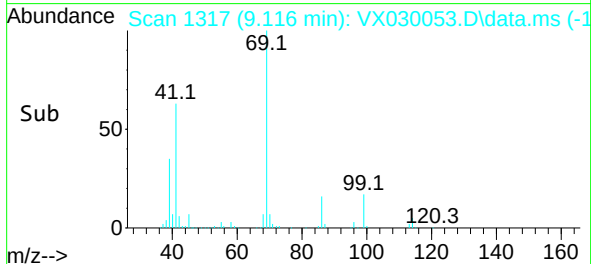
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



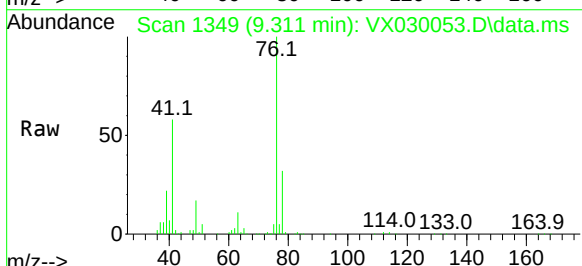
Tgt Ion: 69 Resp: 6938
Ion Ratio Lower Upper
69 100
41 63.1 32.1 96.5
39 35.7 18.3 54.9

Manual Integrations
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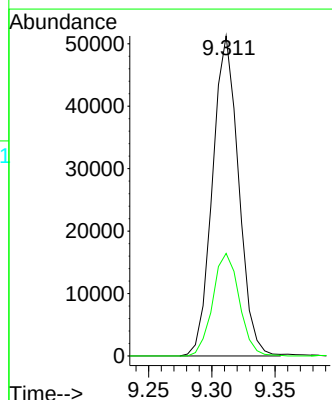
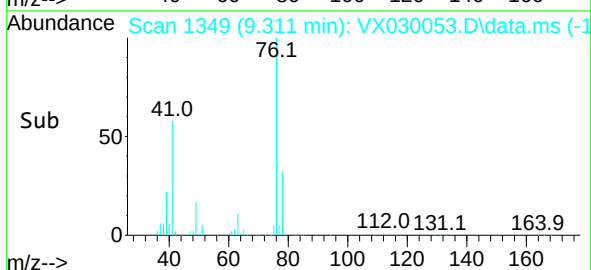
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

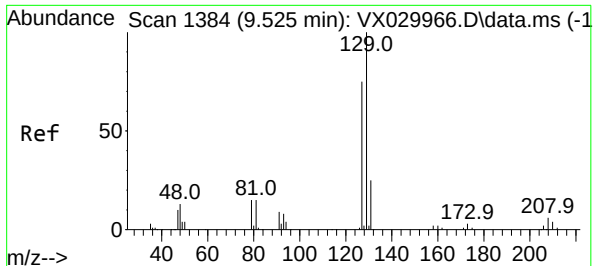


#52
1,3-Dichloropropane
Concen: 20.039 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36



Tgt Ion: 76 Resp: 73461
Ion Ratio Lower Upper
76 100
78 32.7 0.0 64.4





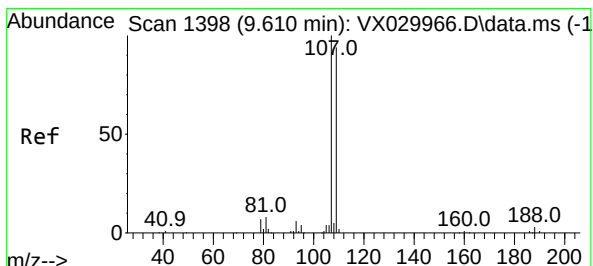
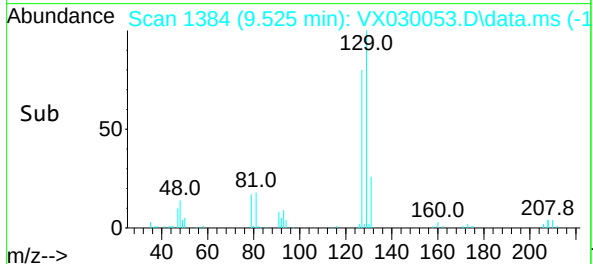
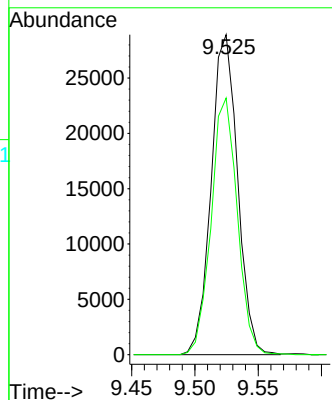
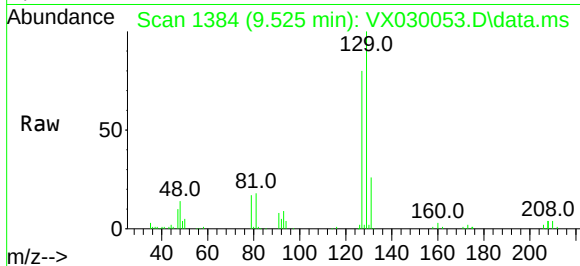
#53
Dibromochloromethane
Concen: 19.916 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 42010
Ion Ratio Lower Upper
129 100
127 79.3 38.4 115.1

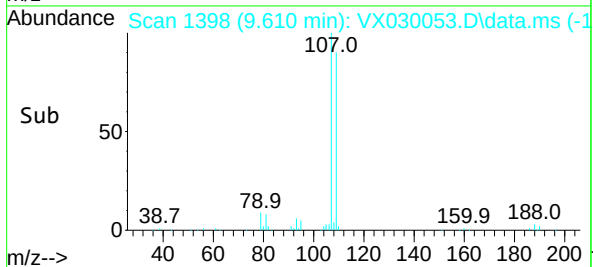
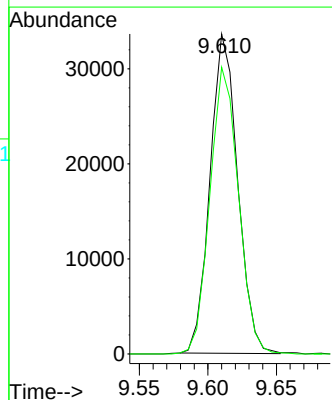
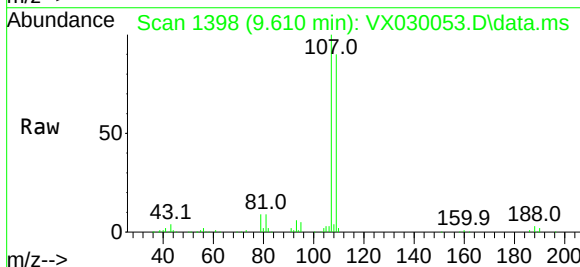
Manual Integrations
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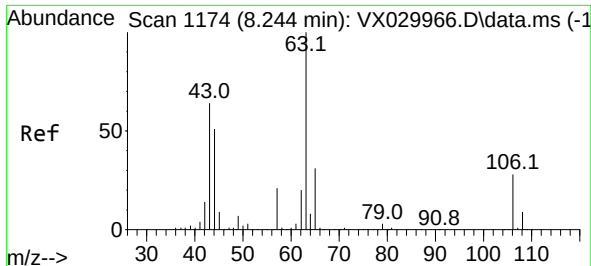
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#54
1,2-Dibromoethane
Concen: 19.889 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Tgt Ion:107 Resp: 47069
Ion Ratio Lower Upper
107 100
109 92.9 76.2 114.4





#55

2-Chloroethyl vinyl ether

Concen: 106.860 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 19535

Ion Ratio Lower Upper

63 100

65 33.1 25.9 38.9

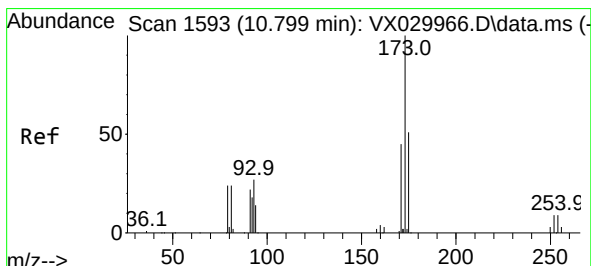
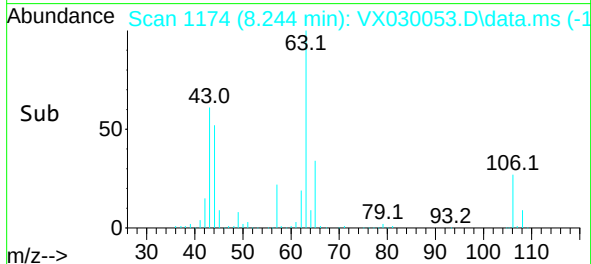
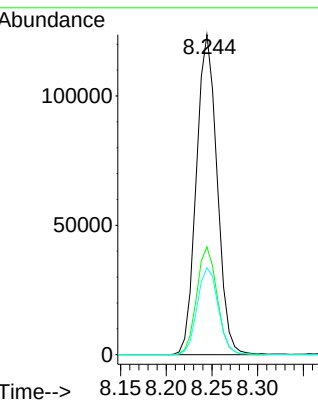
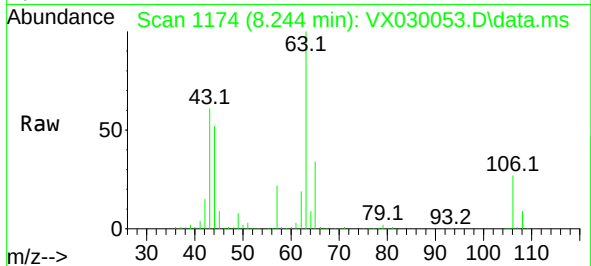
106 27.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#56

Bromoform

Concen: 20.291 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

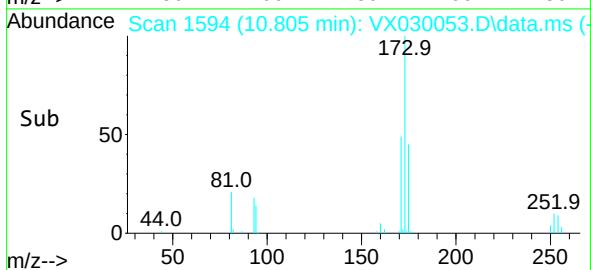
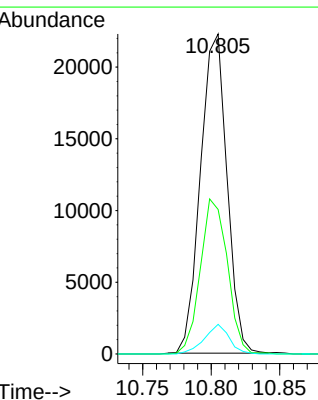
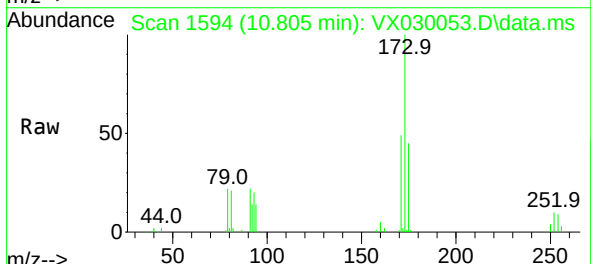
Tgt Ion:173 Resp: 29962

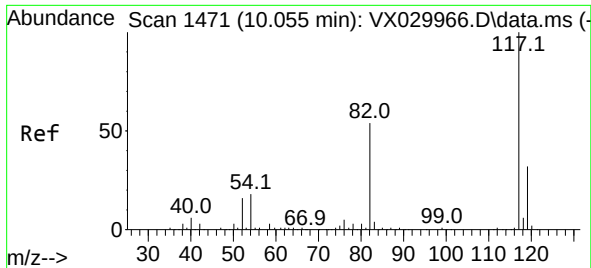
Ion Ratio Lower Upper

173 100

175 49.5 40.3 60.5

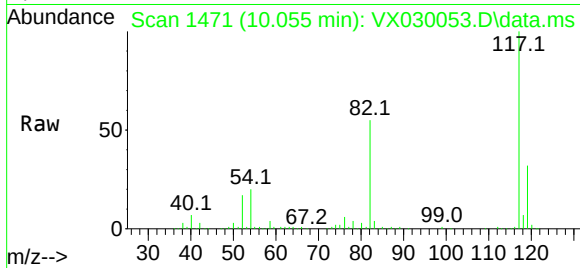
254 8.7 7.4 11.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

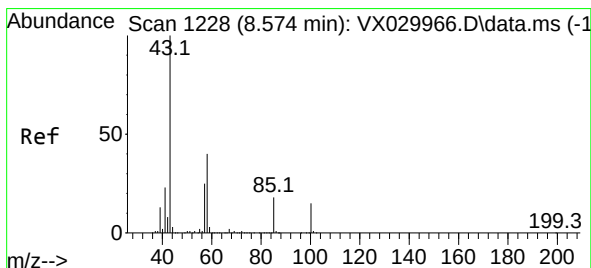
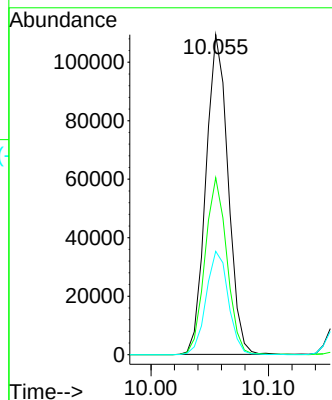
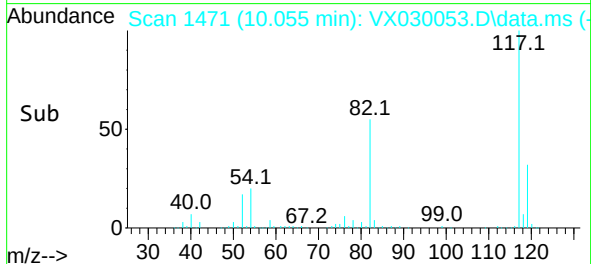
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 143185
Ion Ratio Lower Upper
117 100
82 54.7 42.3 63.5
119 32.5 26.2 39.2

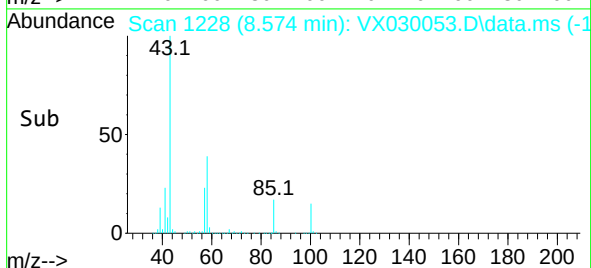
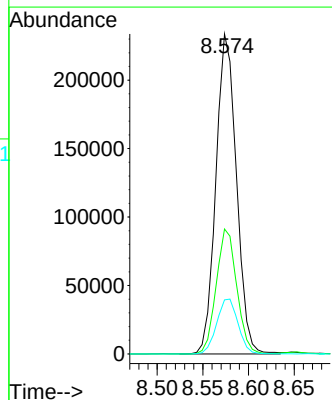
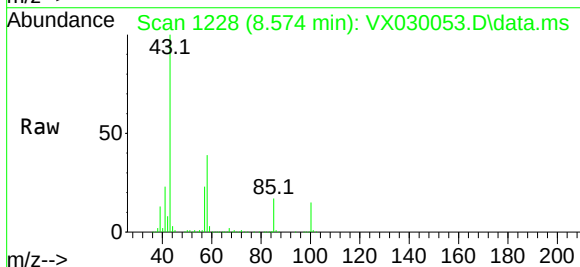
Manual Integrations
APPROVED

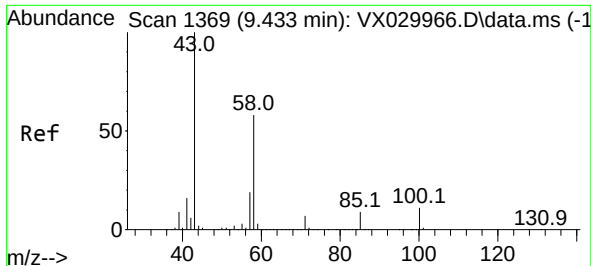
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#58
4-Methyl-2-Pentanone
Concen: 103.399 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Tgt Ion: 43 Resp: 365702
Ion Ratio Lower Upper
43 100
58 39.1 31.8 47.6
85 17.8 15.8 23.6





#59

2-Hexanone

Concen: 102.916 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 28153

Ion Ratio Lower Upper

43 100

58 54.8 44.1 66.1

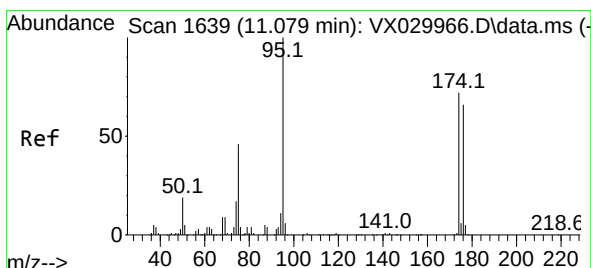
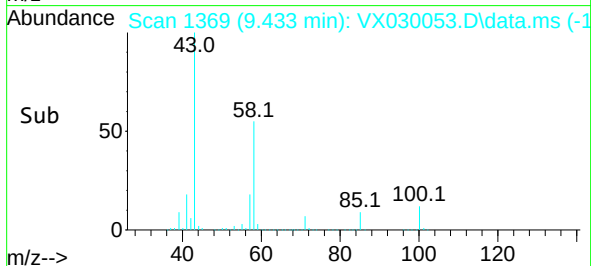
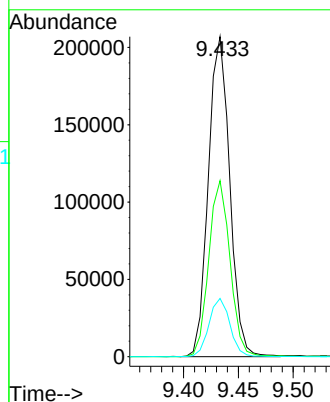
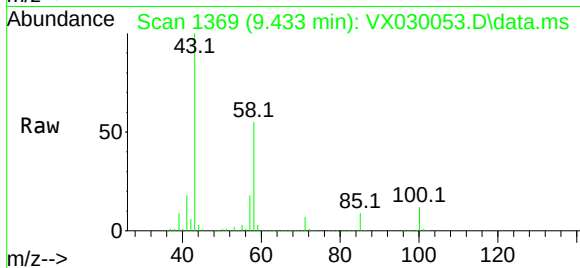
57 17.8 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#60

4-Bromofluorobenzene

Concen: 30.901 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

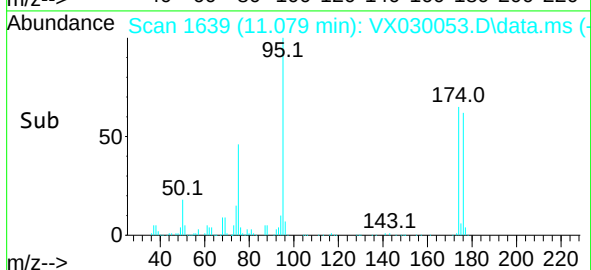
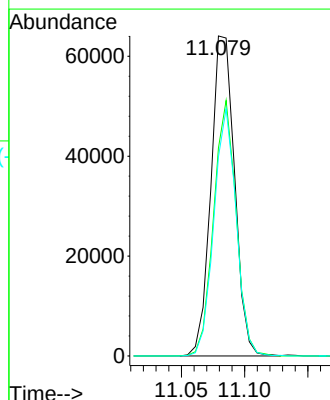
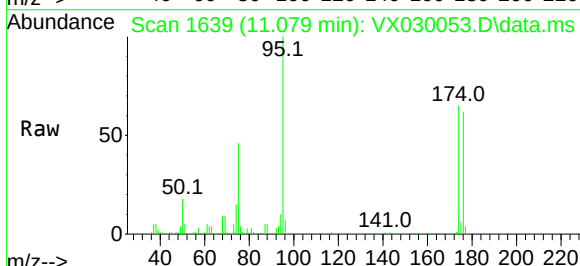
Tgt Ion: 95 Resp: 83383

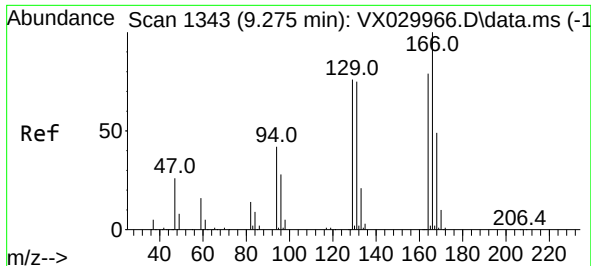
Ion Ratio Lower Upper

95 100

174 75.8 65.4 98.2

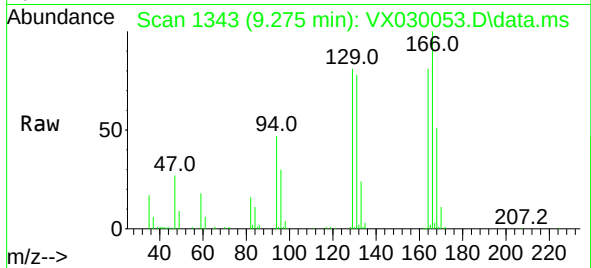
176 72.9 63.4 95.0





#61
Tetrachloroethene
Concen: 22.661 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

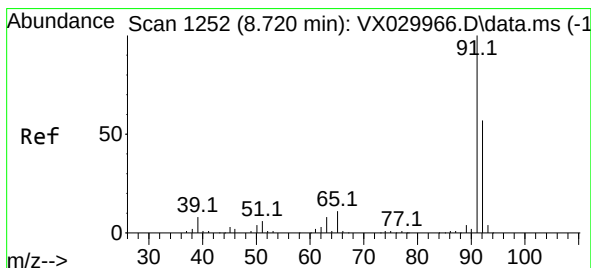
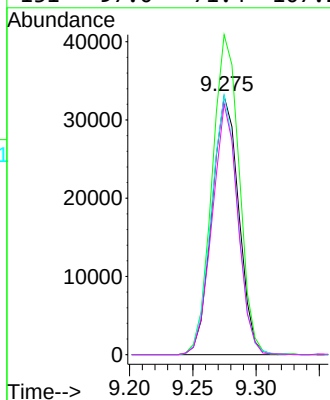
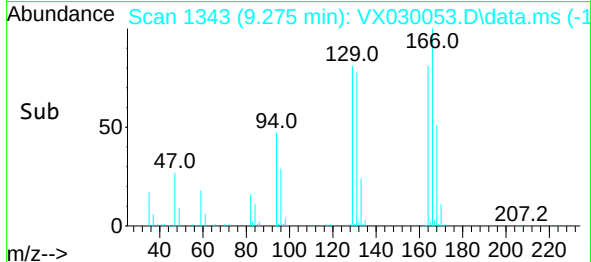
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



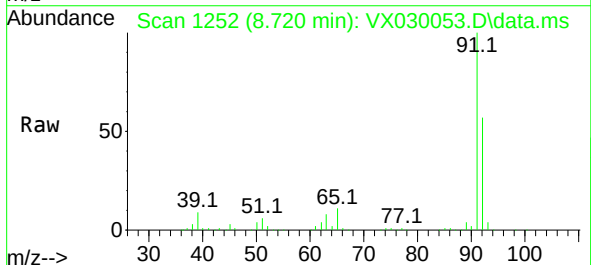
Tgt Ion:164 Resp: 48718
Ion Ratio Lower Upper
164 100
166 123.8 105.0 157.6
129 100.2 78.5 117.7
131 97.0 71.4 107.2

Manual Integrations
APPROVED

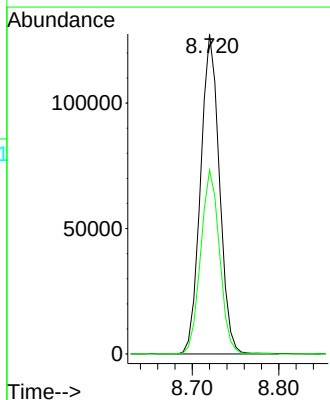
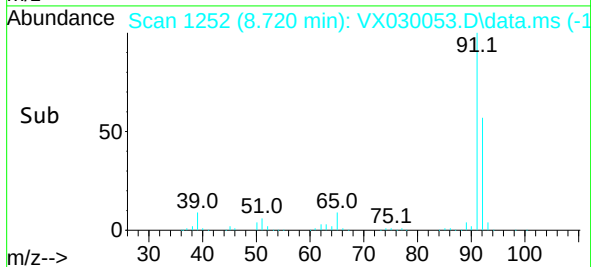
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

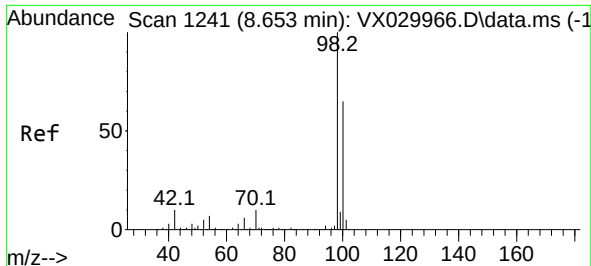


#62
Toluene
Concen: 20.220 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36



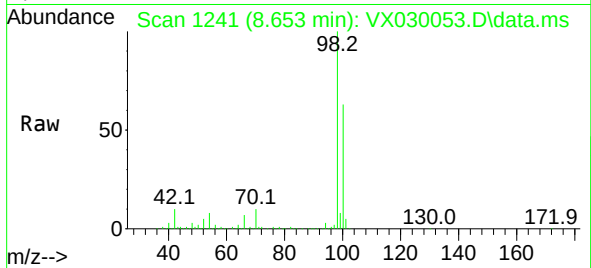
Tgt Ion: 91 Resp: 192593
Ion Ratio Lower Upper
91 100
92 57.4 48.1 72.1





#63
Toluene-d8
Concen: 30.625 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

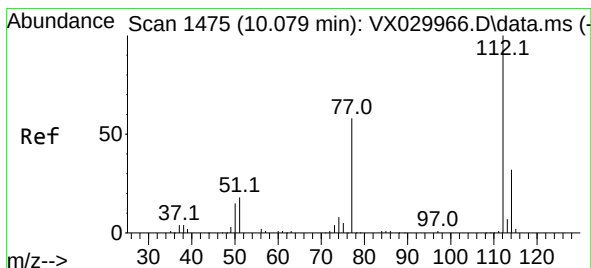
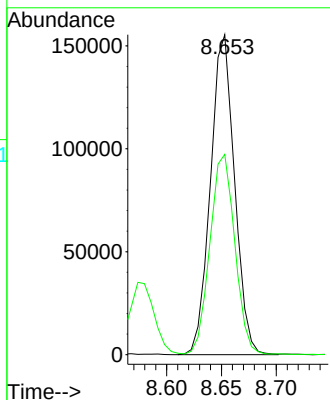
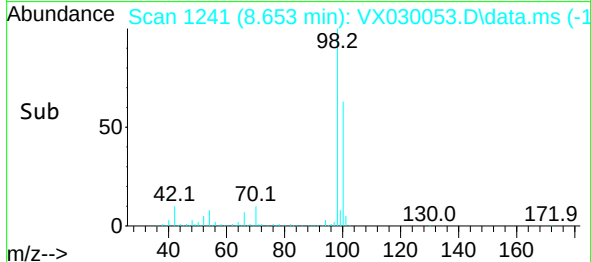
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 237780
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2

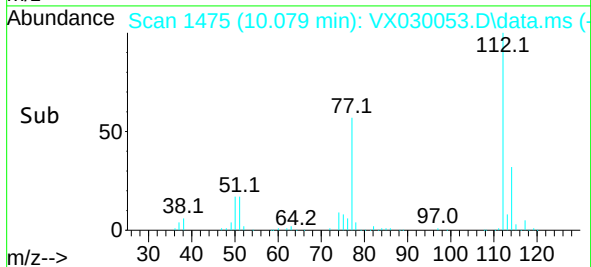
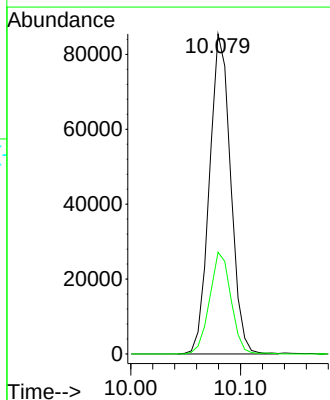
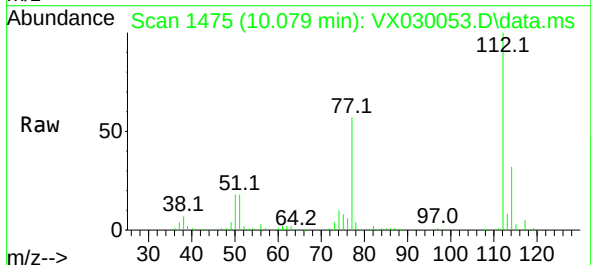
Manual Integrations
APPROVED

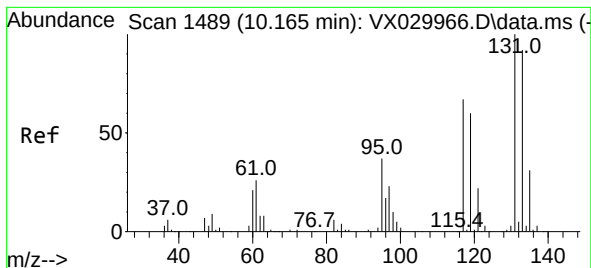
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#64
Chlorobenzene
Concen: 20.185 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

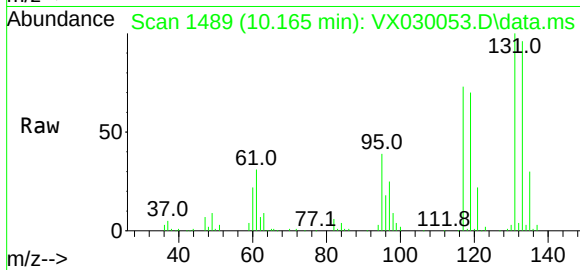
Tgt Ion:112 Resp: 114818
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 20.240 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

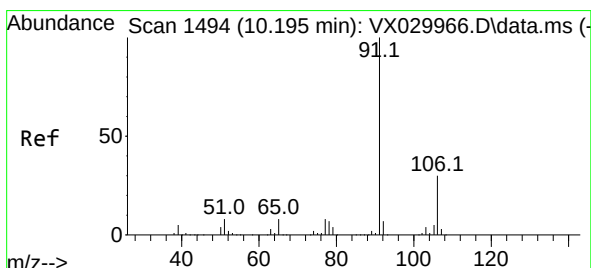
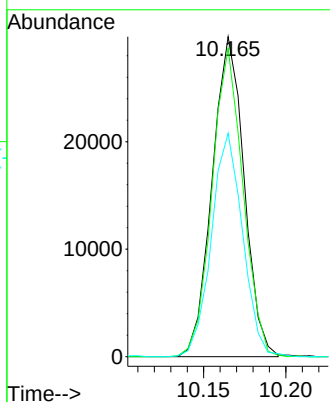
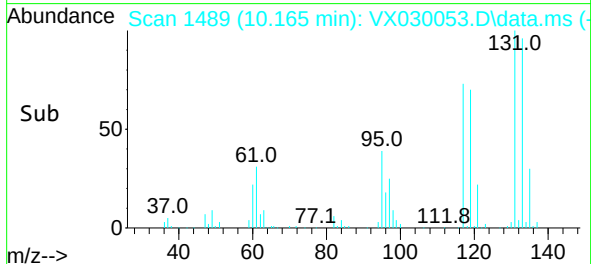
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



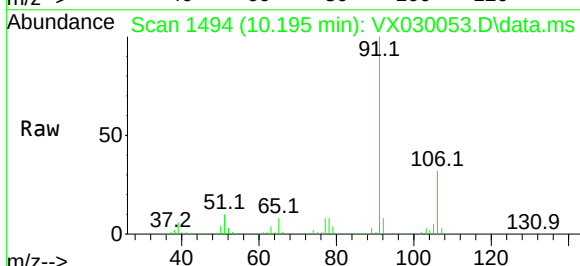
Tgt Ion:131 Resp: 40140
Ion Ratio Lower Upper
131 100
133 93.5 0.0 197.2
119 68.4 0.0 127.4

Manual Integrations
APPROVED

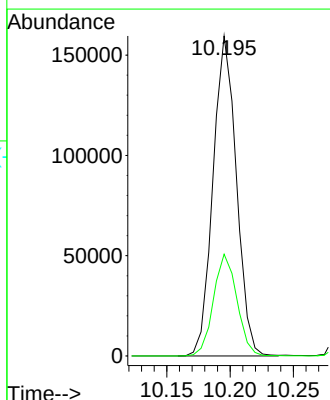
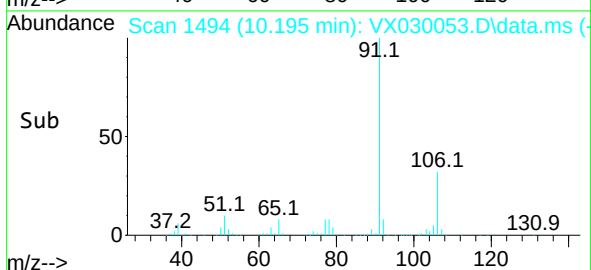
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

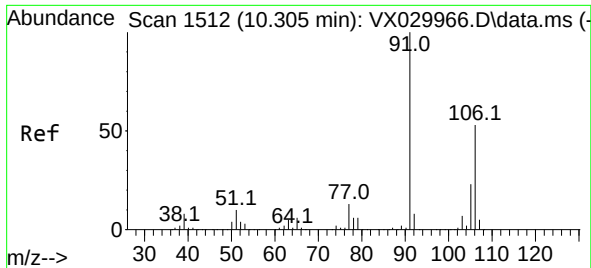


#66
Ethyl Benzene
Concen: 20.237 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36



Tgt Ion: 91 Resp: 204838
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.8





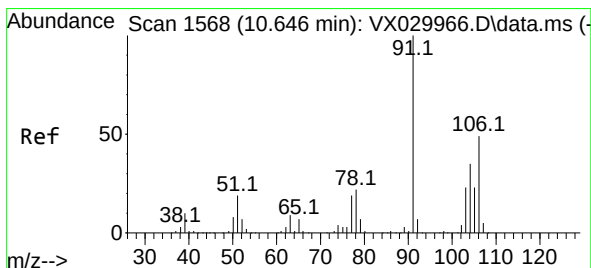
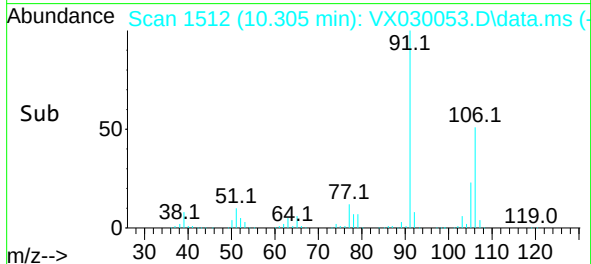
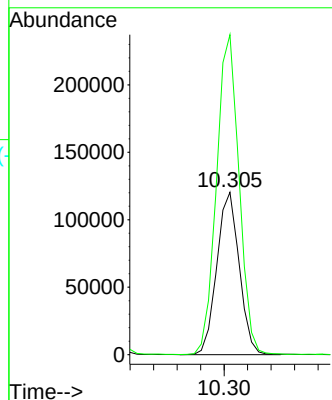
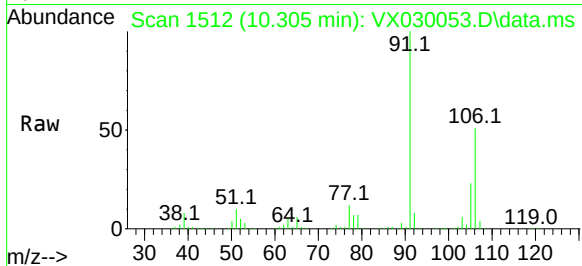
#67
m/p-Xylenes
Concen: 40.623 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 159559
Ion Ratio Lower Upper
106 100
91 198.4 159.5 239.3

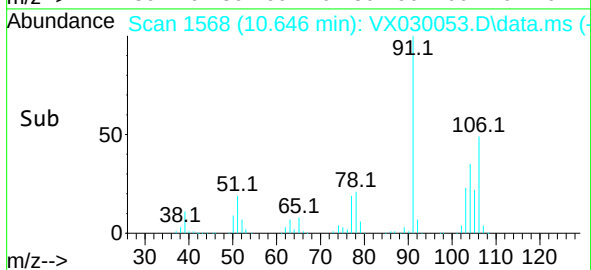
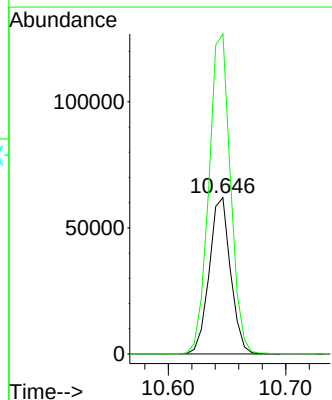
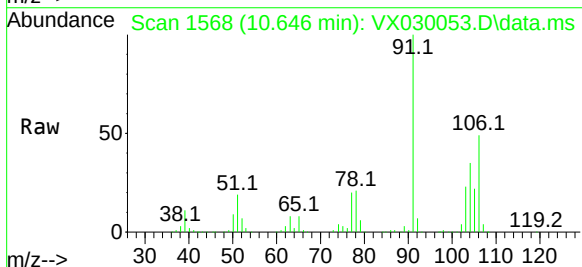
Manual Integrations
APPROVED

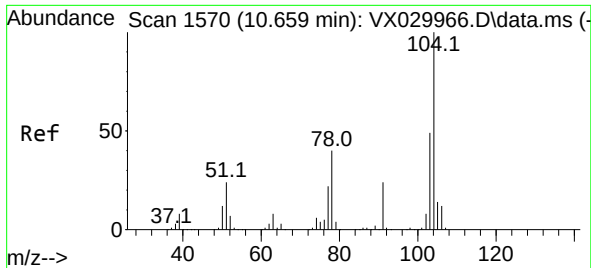
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#68
o-Xylene
Concen: 19.994 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

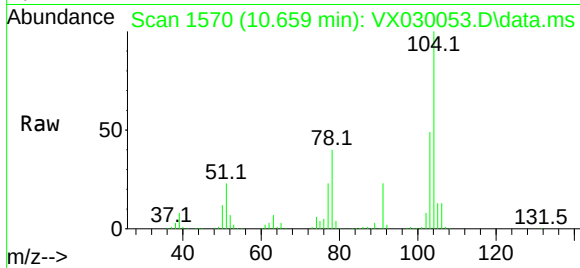
Tgt Ion:106 Resp: 78202
Ion Ratio Lower Upper
106 100
91 207.1 105.4 316.2





#69
Styrene
Concen: 20.309 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

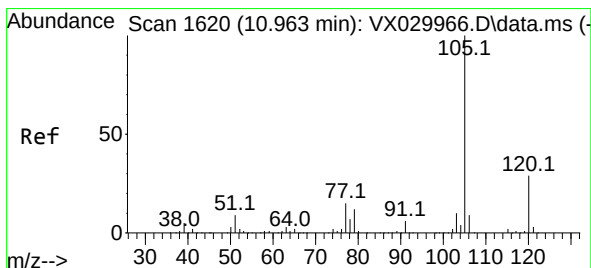
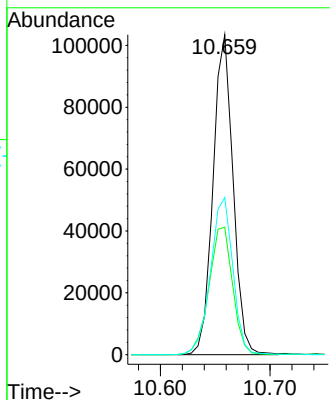
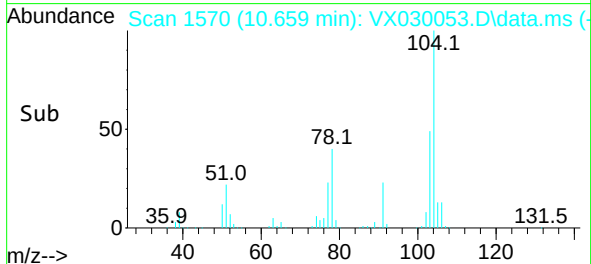
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



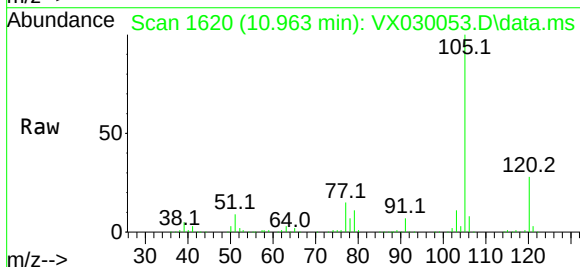
Tgt Ion:104 Resp: 131450
Ion Ratio Lower Upper
104 100
78 47.1 39.7 59.5
103 54.9 42.7 64.1

Manual Integrations
APPROVED

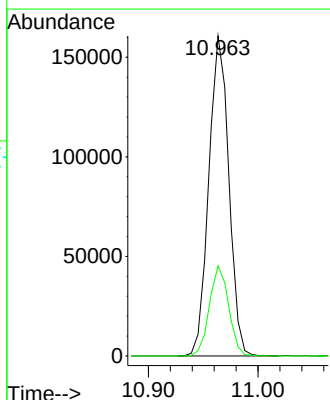
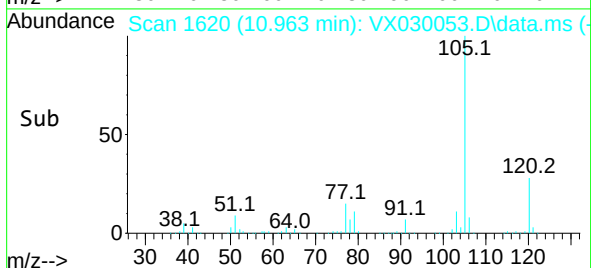
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

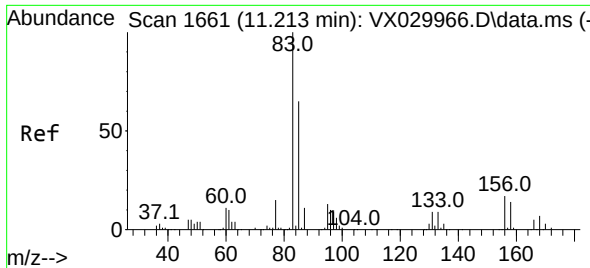


#70
Isopropylbenzene
Concen: 20.696 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36



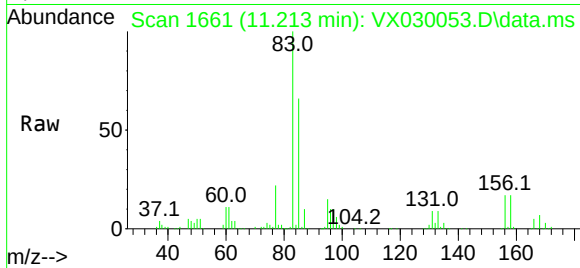
Tgt Ion:105 Resp: 203805
Ion Ratio Lower Upper
105 100
120 27.1 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 19.733 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

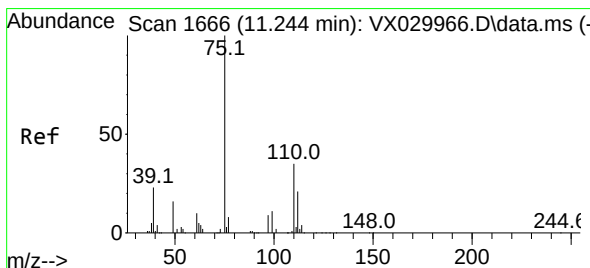
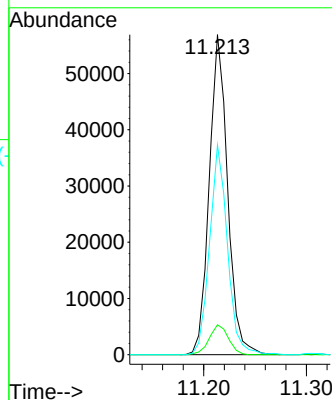
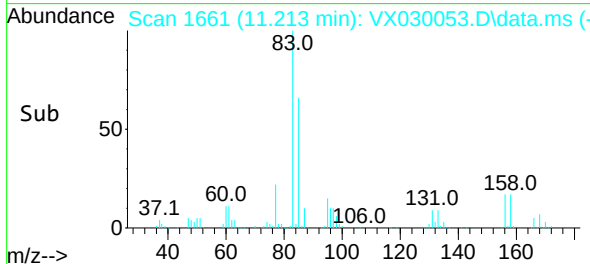
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 7066
Ion Ratio Lower Upper
83 100
131 9.8 5.8 17.3
85 63.8 32.0 96.2

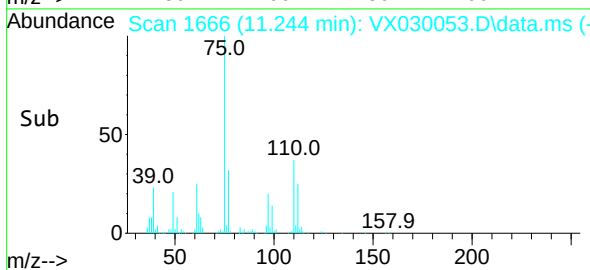
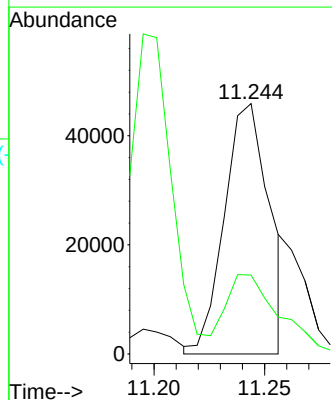
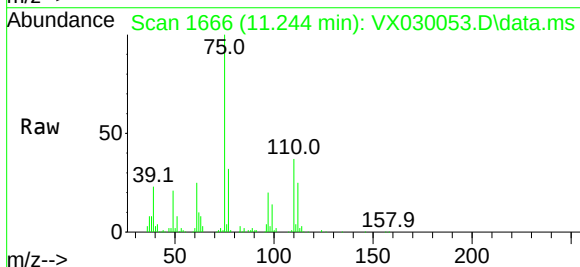
Manual Integrations
APPROVED

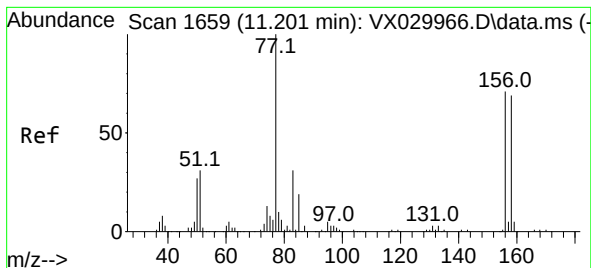
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#72
1,2,3-Trichloropropane
Concen: 20.187 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Tgt Ion: 75 Resp: 64984
Ion Ratio Lower Upper
75 100
77 37.6 0.0 78.6





#73

Bromobenzene

Concen: 20.522 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030053.D

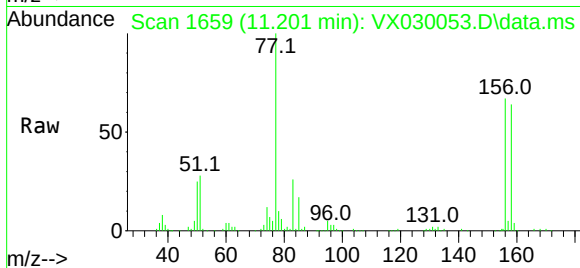
Acq: 14 Jul 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



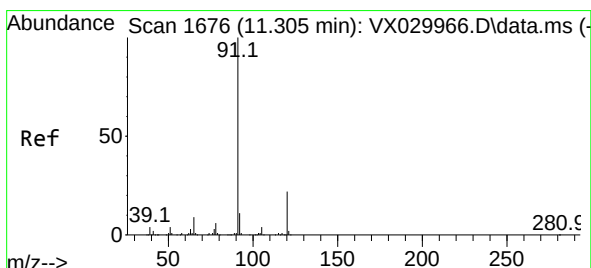
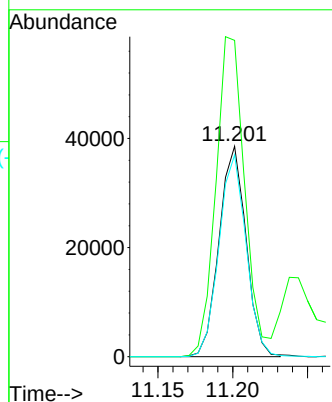
Tgt Ion:	156	Resp:	48462
Ion Ratio	Lower	Upper	
156	100		
77	163.0	0.0	297.6
158	96.5	0.0	188.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#74

n-propylbenzene

Concen: 20.505 ug/l

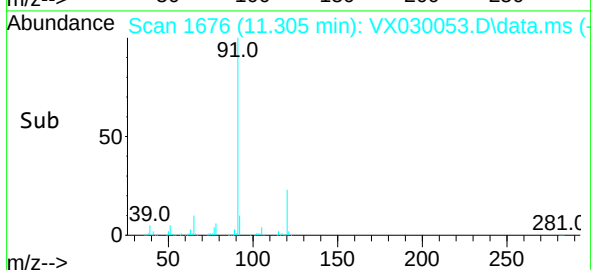
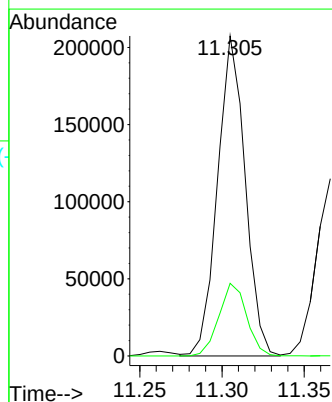
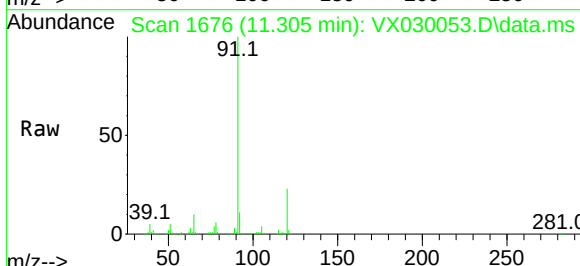
RT: 11.305 min Scan# 1676

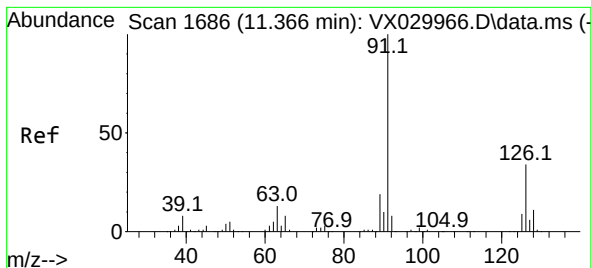
Delta R.T. 0.000 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

Tgt Ion:	91	Resp:	242238
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	48.0





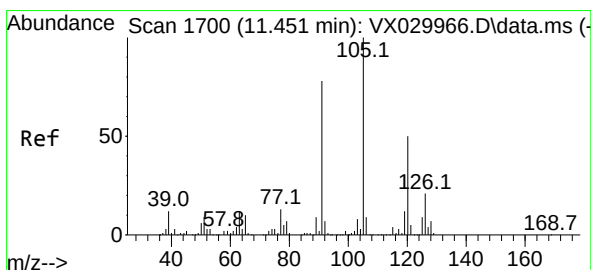
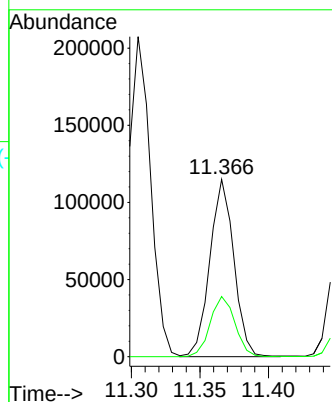
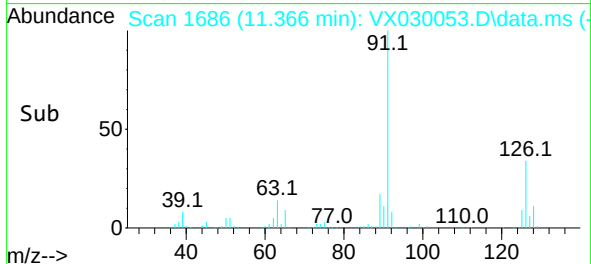
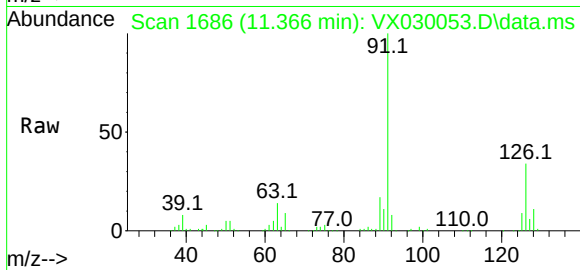
#75
2-Chlorotoluene
Concen: 20.173 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 140336
Ion Ratio Lower Upper
91 100
126 34.9 0.0 68.6

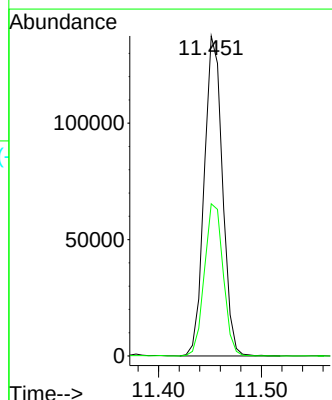
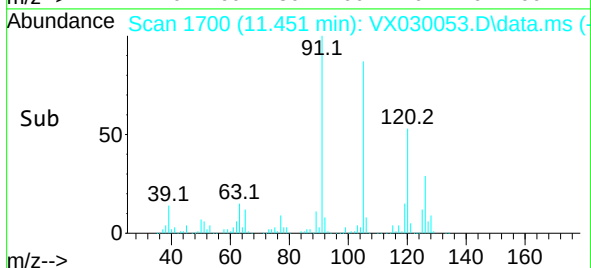
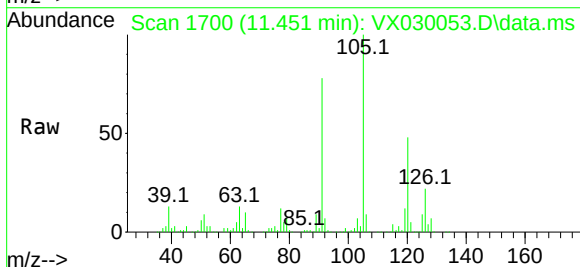
Manual Integrations
APPROVED

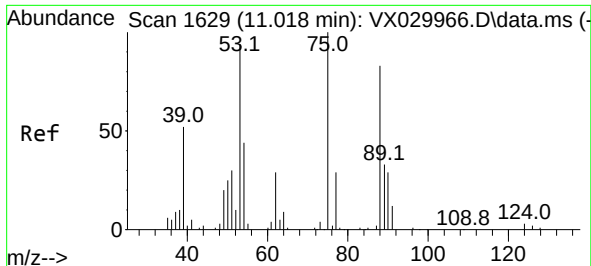
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.502 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Tgt Ion:105 Resp: 169516
Ion Ratio Lower Upper
105 100
120 49.0 0.0 98.0





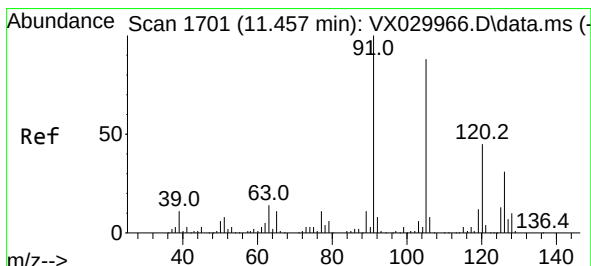
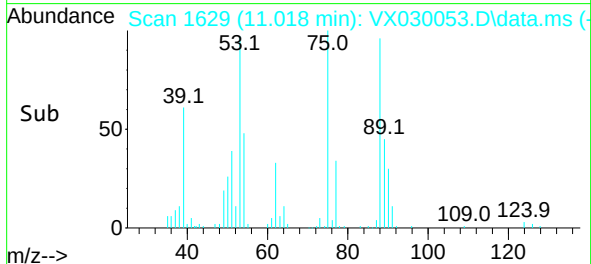
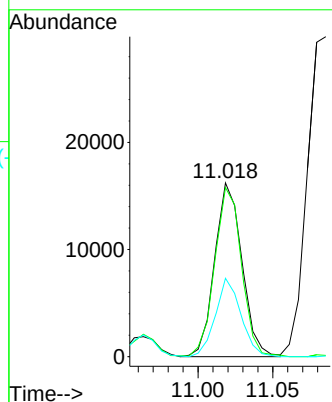
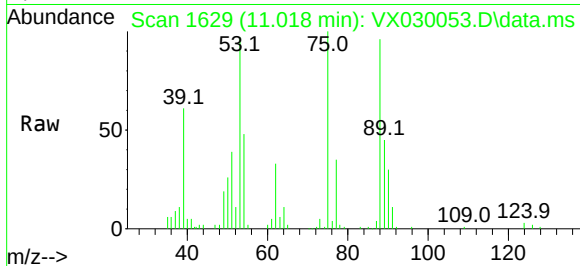
#77
t-1,4-Dichloro-2-butene
Concen: 18.602 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 20590
Ion Ratio Lower Upper
75 100
53 96.8 59.7 179.1
89 45.1 23.1 69.2

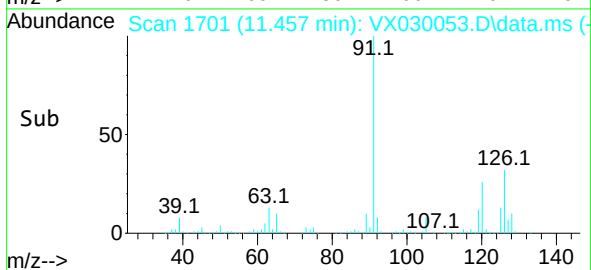
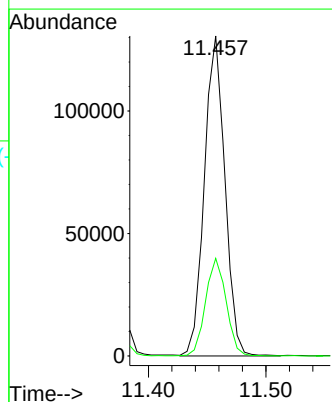
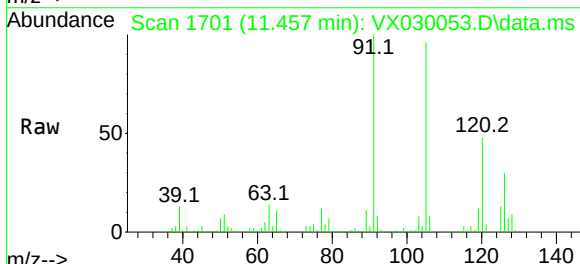
Manual Integrations
APPROVED

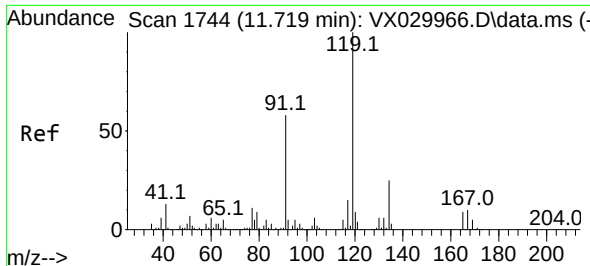
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#78
4-Chlorotoluene
Concen: 20.322 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

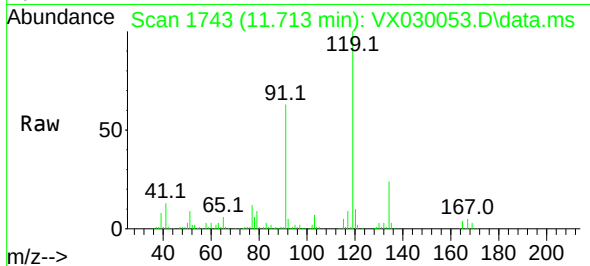
Tgt Ion: 91 Resp: 158670
Ion Ratio Lower Upper
91 100
126 30.6 0.0 59.8





#79
tert-butylbenzene
Concen: 20.053 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

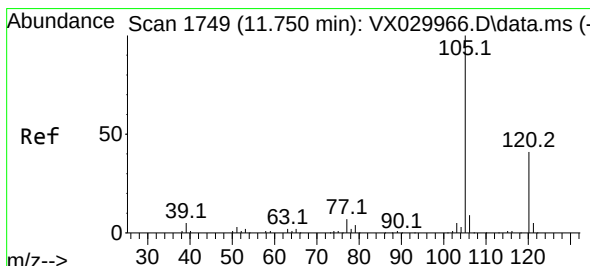
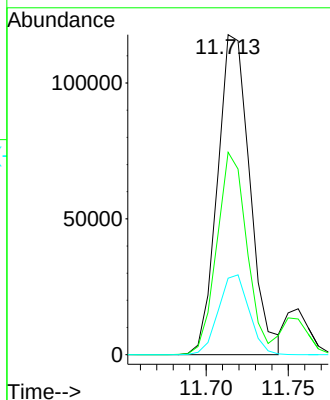
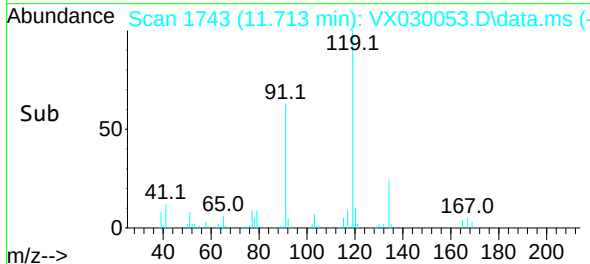
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



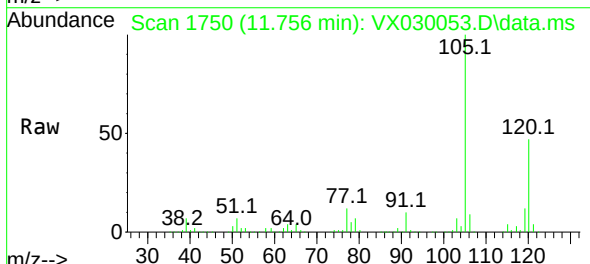
Tgt Ion:119 Resp: 16129
Ion Ratio Lower Upper
119 100
91 58.4 0.0 119.4
134 23.7 0.0 48.4

Manual Integrations
APPROVED

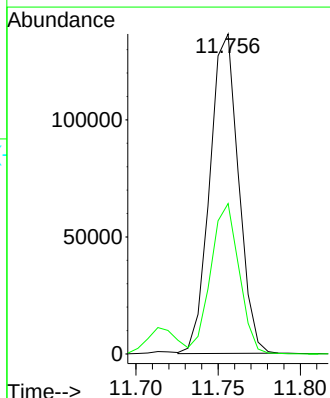
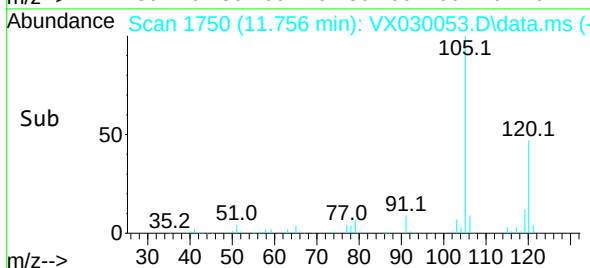
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

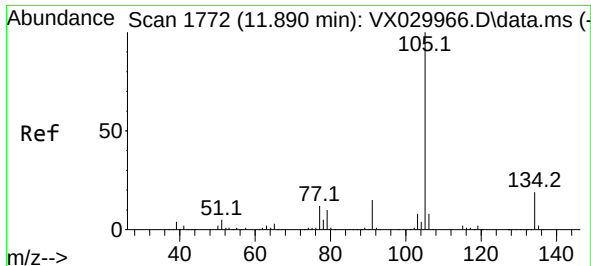


#80
1,2,4-Trimethylbenzene
Concen: 19.544 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36



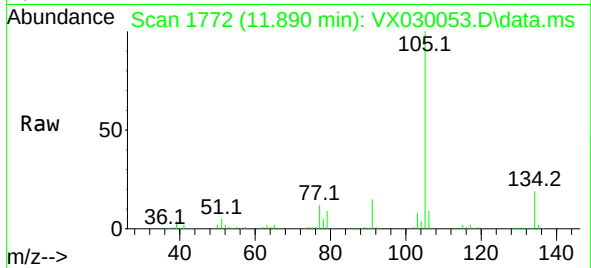
Tgt Ion:105 Resp: 166123
Ion Ratio Lower Upper
105 100
120 46.5 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 20.069 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX030053.D
 Acq: 14 Jul 2022 11:36

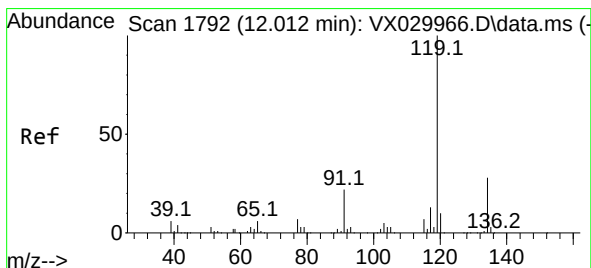
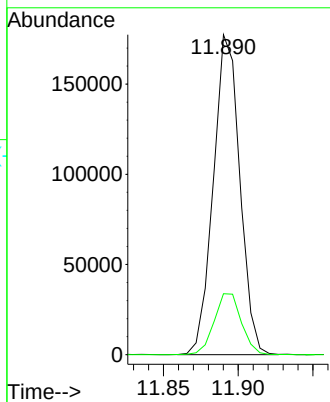
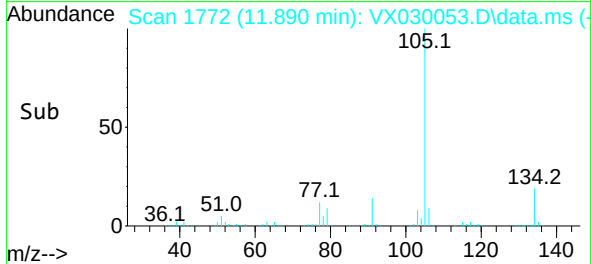
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



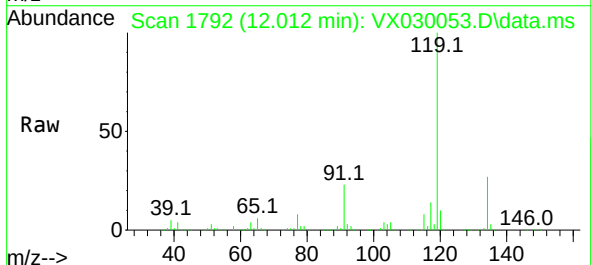
Tgt Ion:105 Resp: 21849
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 41.2

Manual Integrations
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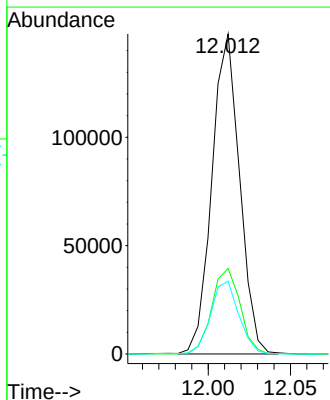
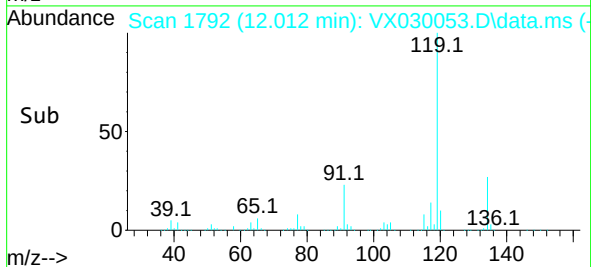
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022

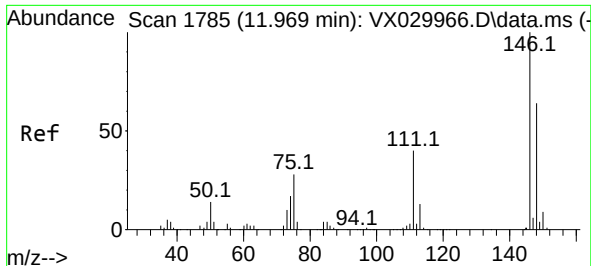


#82
 p-Isopropyltoluene
 Concen: 19.749 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030053.D
 Acq: 14 Jul 2022 11:36



Tgt Ion:119 Resp: 173098
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 52.4
 91 23.3 0.0 47.2





#83

1,3-Dichlorobenzene

Concen: 19.845 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 9066

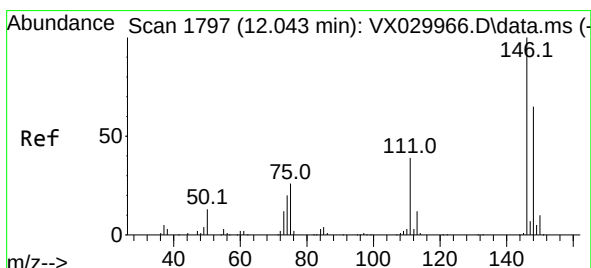
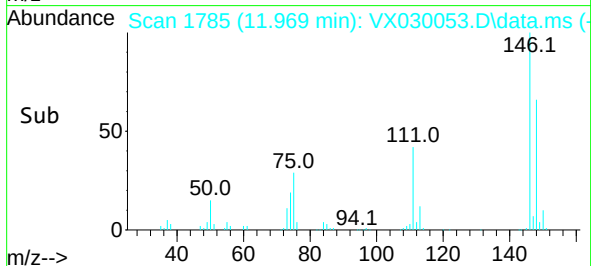
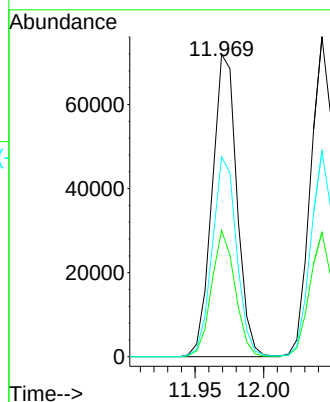
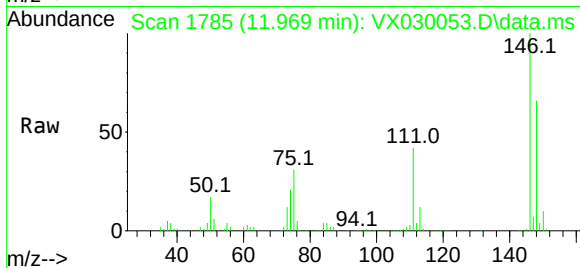
Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.4
148	64.9	31.6	94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#84

1,4-Dichlorobenzene

Concen: 19.734 ug/l

RT: 12.043 min Scan# 1797

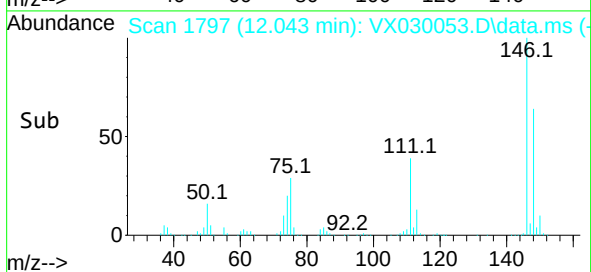
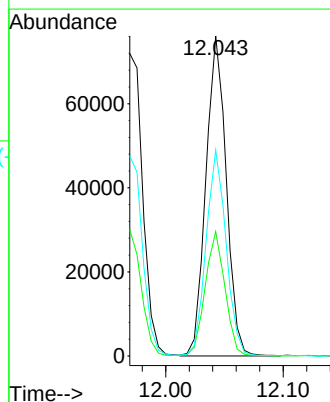
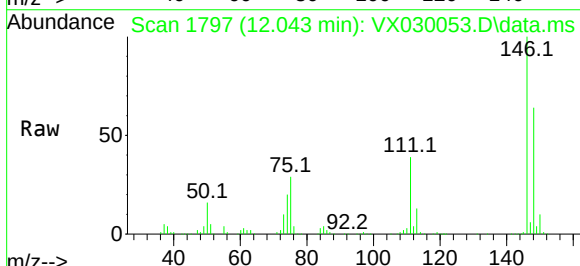
Delta R.T. 0.000 min

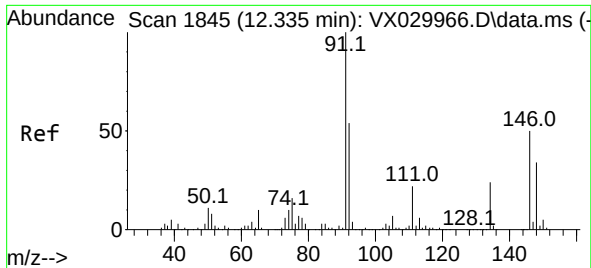
Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

Tgt Ion:146 Resp: 91439

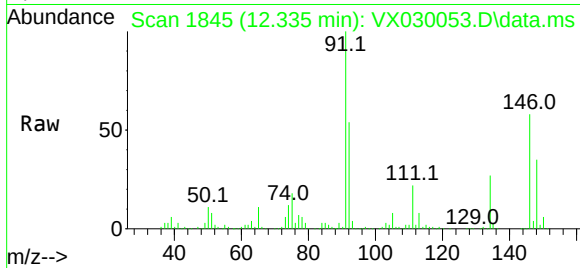
Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.2	57.6
148	63.5	32.3	96.8





#85
n-Butylbenzene
Concen: 18.790 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

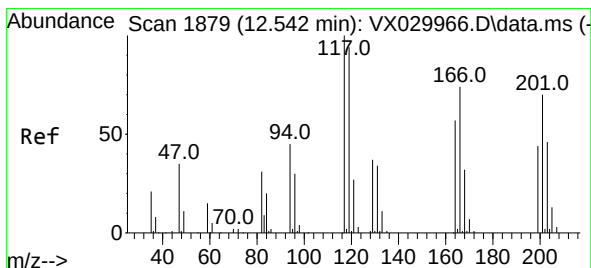
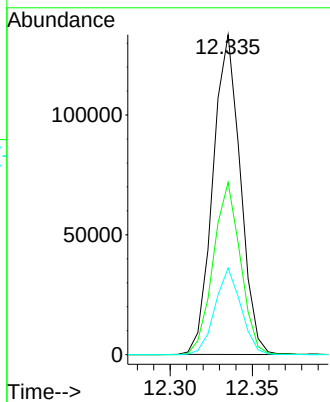
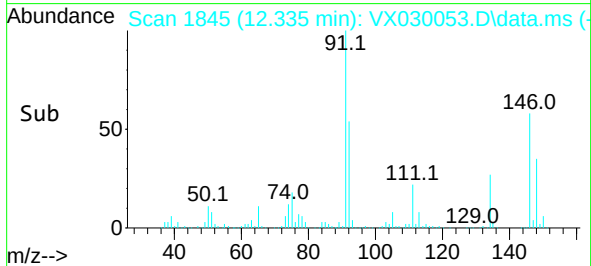
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 154550
Ion Ratio Lower Upper
91 100
92 53.4 0.0 109.4
134 25.7 0.0 56.4

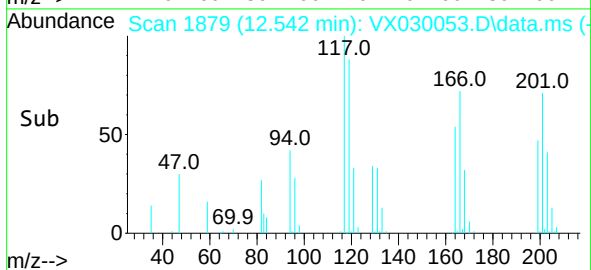
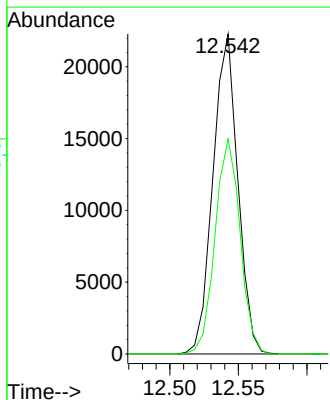
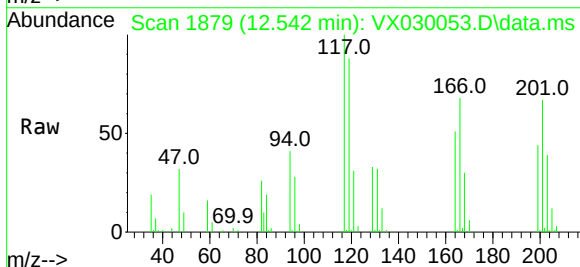
Manual Integrations
APPROVED

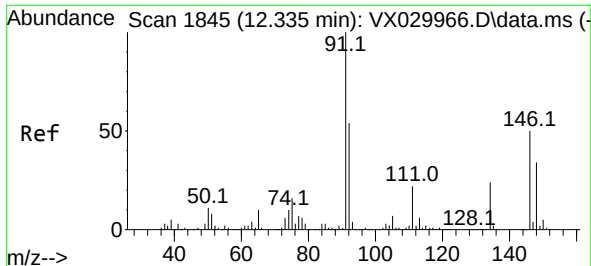
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#86
Hexachloroethane
Concen: 19.300 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

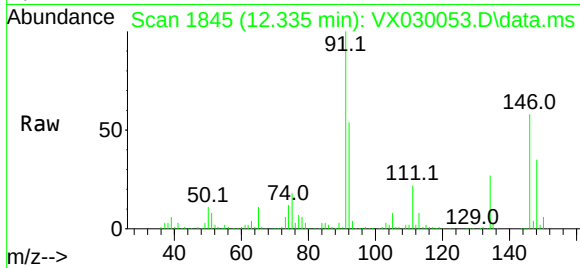
Tgt Ion:117 Resp: 28106
Ion Ratio Lower Upper
117 100
201 67.6 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 20.323 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

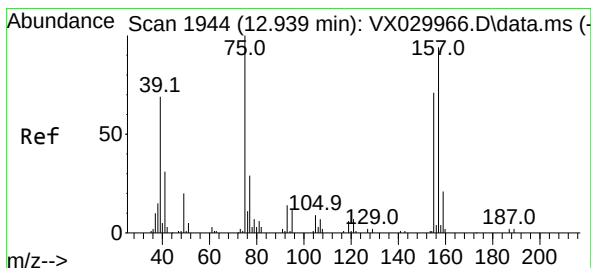
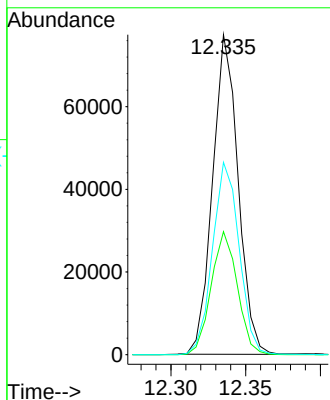
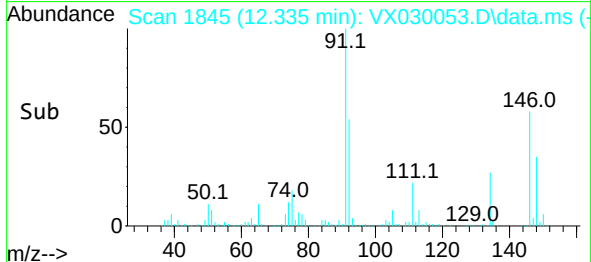
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



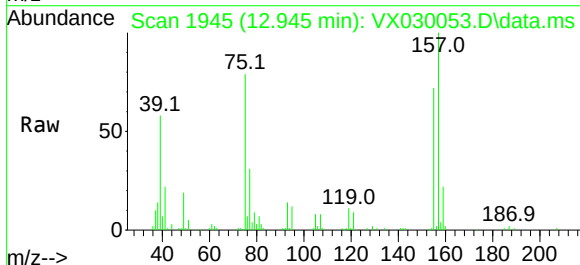
Tgt Ion:146 Resp: 91688
Ion Ratio Lower Upper
146 100
111 39.5 21.1 63.3
148 63.1 31.4 94.2

Manual Integrations
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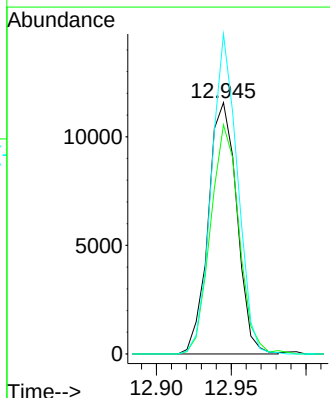
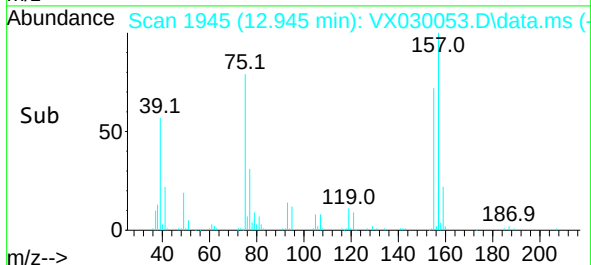
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

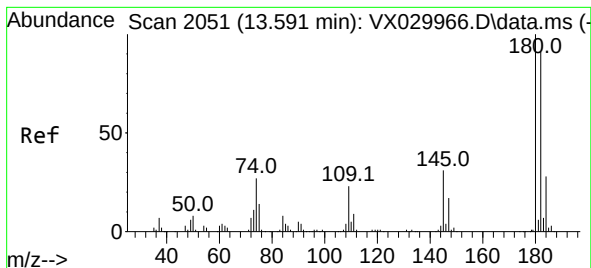


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.833 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36



Tgt Ion: 75 Resp: 15381
Ion Ratio Lower Upper
75 100
155 90.2 74.3 111.5
157 115.8 97.3 145.9





#89

1,2,4-Trichlorobenzene

Concen: 19.822 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

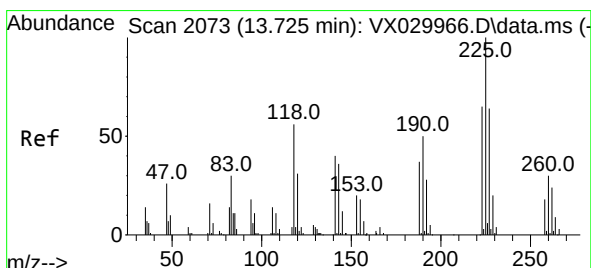
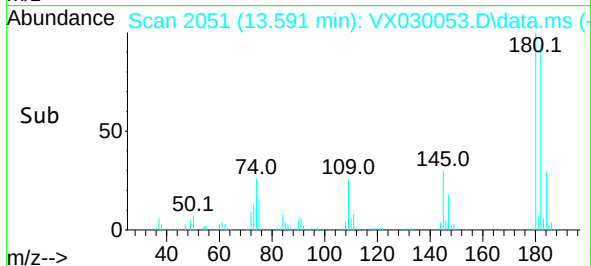
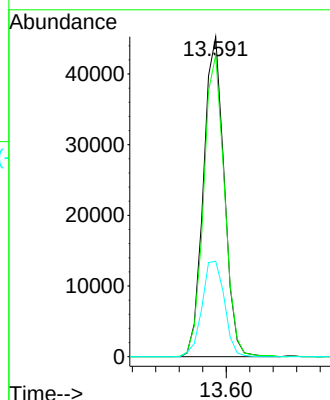
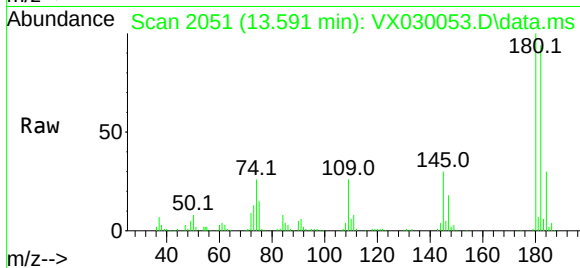
Tgt Ion:180	Resp:	55369
Ion Ratio	Lower	Upper
180	100	
182	94.9	77.4 116.2
145	32.3	24.2 36.4

Manual Integrations

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Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#90

Hexachlorobutadiene

Concen: 21.606 ug/l

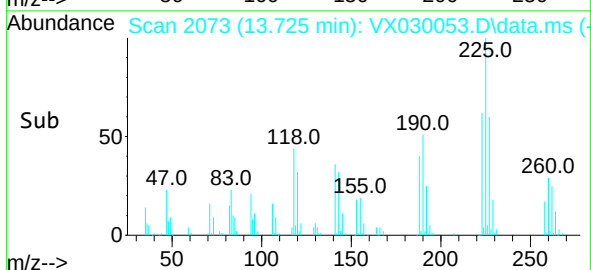
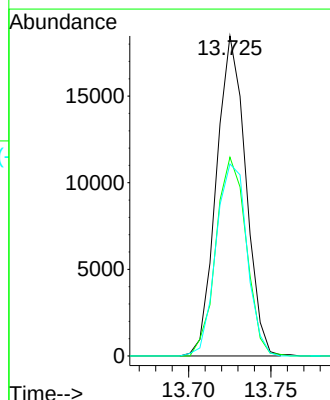
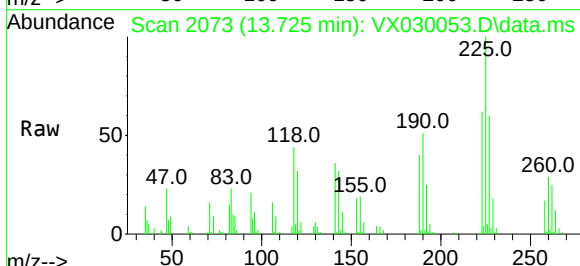
RT: 13.725 min Scan# 2073

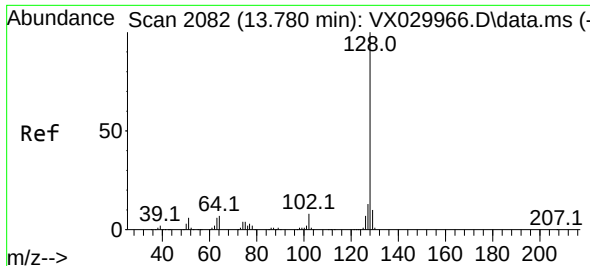
Delta R.T. 0.000 min

Lab File: VX030053.D

Acq: 14 Jul 2022 11:36

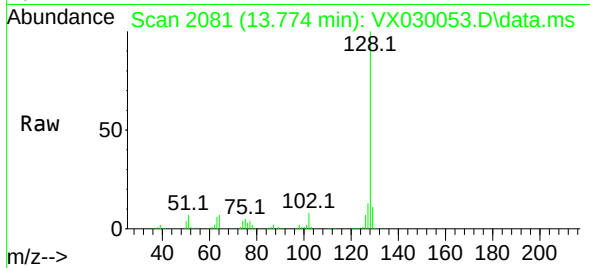
Tgt Ion:225	Resp:	22888
Ion Ratio	Lower	Upper
225	100	
223	64.0	0.0 126.0
227	63.3	0.0 125.0





#91
Naphthalene
Concen: 19.611 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

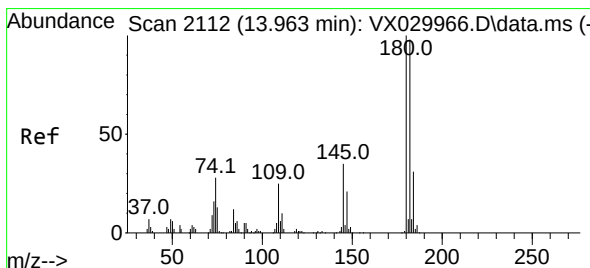
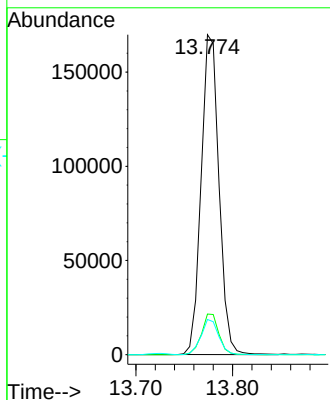
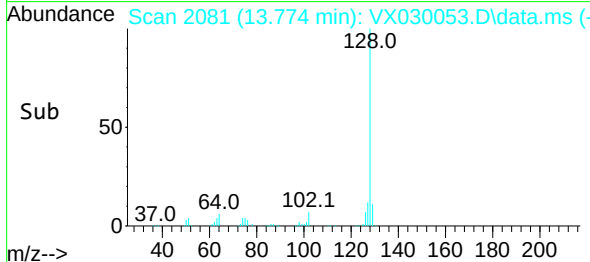
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 21834
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#92
1,2,3-Trichlorobenzene
Concen: 20.629 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030053.D
Acq: 14 Jul 2022 11:36

Tgt Ion:180 Resp: 58695
Ion Ratio Lower Upper
180 100
182 90.5 0.0 189.4
145 32.7 0.0 67.2

