

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030028.D
 Acq On : 12 Jul 2022 18:38
 Operator : JC/MD
 Sample : N3617-08MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05MS

Quant Time: Jul 13 09:10:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	177536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	311358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106438	49.255	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.520%		
35) Dibromofluoromethane	5.391	113	96999	48.766	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	8.653	98	374180	50.019	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.040%		
62) 4-Bromofluorobenzene	11.086	95	133640	51.478	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	105323	52.276	ug/l	99
3) Chloromethane	1.288	50	106504	57.569	ug/l	99
4) Vinyl Chloride	1.374	62	114605	55.773	ug/l	100
5) Bromomethane	1.599	94	40750	46.684	ug/l	93
6) Chloroethane	1.679	64	62478	53.993	ug/l	99
7) Trichlorofluoromethane	1.886	101	146055	55.037	ug/l	94
8) Diethyl Ether	2.136	74	59820	54.488	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	93891	51.826	ug/l	97
10) Methyl Iodide	2.453	142	97246	54.448	ug/l	98
11) Tert butyl alcohol	2.983	59	129282	231.807	ug/l	99
12) 1,1-Dichloroethene	2.319	96	100679	55.660	ug/l	94
13) Acrolein	2.240	56	25722	231.570	ug/l	99
14) Allyl chloride	2.666	41	172351	54.524	ug/l	98
15) Acrylonitrile	3.069	53	351156	277.043	ug/l	99
16) Acetone	2.386	43	273984	269.075	ug/l	99
17) Carbon Disulfide	2.508	76	271709	53.708	ug/l	97
18) Methyl Acetate	2.709	43	154408	49.846	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	320758	56.101	ug/l	96
20) Methylene Chloride	2.788	84	113533	55.351	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	106226	56.341	ug/l	99
22) Diisopropyl ether	3.764	45	342520	55.358	ug/l	99
23) Vinyl Acetate	3.727	43	1474216	281.450	ug/l	98
24) 1,1-Dichloroethane	3.611	63	184835	53.909	ug/l	98
25) 2-Butanone	4.562	43	478416	275.821	ug/l	99
26) 2,2-Dichloropropane	4.483	77	115851	48.101	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	126827	54.931	ug/l	95
28) Bromochloromethane	4.904	49	74739	51.815	ug/l	95
29) Tetrahydrofuran	5.007	42	323060	274.447	ug/l	99
30) Chloroform	5.099	83	185267	54.222	ug/l	100
31) Cyclohexane	5.477	56	166654	53.200	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	152563	54.631	ug/l	98
36) 1,1-Dichloropropene	5.696	75	138971	54.090	ug/l	99
37) Ethyl Acetate	4.721	43	175273	53.090	ug/l	99
38) Carbon Tetrachloride	5.684	117	127174	53.079	ug/l	97
39) Methylcyclohexane	7.385	83	173106	53.149	ug/l	99
40) Benzene	6.044	78	446173	55.174	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	95465	53.704	ug/l	98
42) 1,2-Dichloroethane	6.093	62	137164	54.730	ug/l	99
43) Isopropyl Acetate	6.349	43	268744	54.134	ug/l	99
44) Trichloroethene	7.129	130	119602	50.614	ug/l	99
45) 1,2-Dichloropropane	7.434	63	115880	55.130	ug/l	97
46) Dibromomethane	7.586	93	77772	53.758	ug/l	98
47) Bromodichloromethane	7.824	83	142489	54.280	ug/l	98
48) Methyl methacrylate	7.696	41	130877	57.136	ug/l	98
49) 1,4-Dioxane	7.671	88	64208	1078.908	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	915607	278.714	ug/l	100
52) Toluene	8.720	92	275955	53.739	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	152137	55.794	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	169105	54.135	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	115791	54.680	ug/l	99
56) Ethyl methacrylate	9.116	69	181795	57.100	ug/l	99
57) 1,3-Dichloropropane	9.311	76	184499	54.846	ug/l	99
59) 2-Hexanone	9.433	43	715263	283.922	ug/l	99
60) Dibromochloromethane	9.525	129	112326	54.447	ug/l	100
61) 1,2-Dibromoethane	9.616	107	119606	54.269	ug/l	98
64) Tetrachloroethene	9.275	164	112689	50.602	ug/l	98
65) Chlorobenzene	10.080	112	293617	53.151	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	102438	54.393	ug/l	99
67) Ethyl Benzene	10.195	91	524370	56.006	ug/l	100
68) m/p-Xylenes	10.305	106	403672	109.927	ug/l	99
69) o-Xylene	10.647	106	202829	55.163	ug/l	98
70) Styrene	10.659	104	338487	55.464	ug/l	99
71) Bromoform	10.805	173	80094	52.934	ug/l #	99
73) Isopropylbenzene	10.964	105	505670	53.458	ug/l	99
74) N-amyl acetate	10.848	43	230447	55.468	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	184396	54.032	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	164188m	52.565	ug/l	
77) Bromobenzene	11.201	156	122743	51.862	ug/l	97
78) n-propylbenzene	11.305	91	608112	54.189	ug/l	100
79) 2-Chlorotoluene	11.366	91	353879	52.648	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	423425	53.123	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	55844	51.597	ug/l	99
82) 4-Chlorotoluene	11.457	91	401527	53.317	ug/l	99
83) tert-Butylbenzene	11.720	119	405154	53.005	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	428037	54.293	ug/l	100
85) sec-Butylbenzene	11.890	105	562003	55.616	ug/l	100
86) p-Isopropyltoluene	12.012	119	445276	54.926	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	230876	52.796	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	237996	53.034	ug/l	97
89) n-Butylbenzene	12.335	91	424195	58.401	ug/l	99
90) Hexachloroethane	12.543	117	74567	53.806	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	233180	52.486	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42806	54.933	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	149504	54.787	ug/l	98
94) Hexachlorobutadiene	13.725	225	56849	52.181	ug/l	98
95) Naphthalene	13.780	128	601660	55.547	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	152922	55.077	ug/l	97

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QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

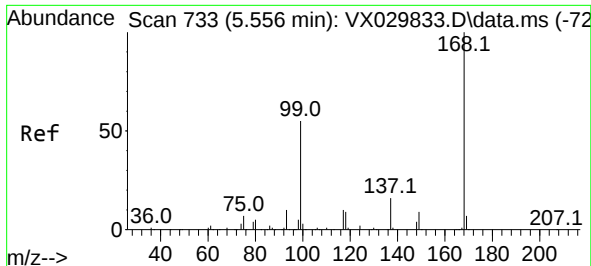
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Manual Integrations

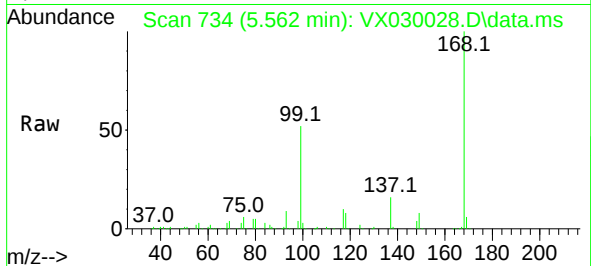
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030028.D
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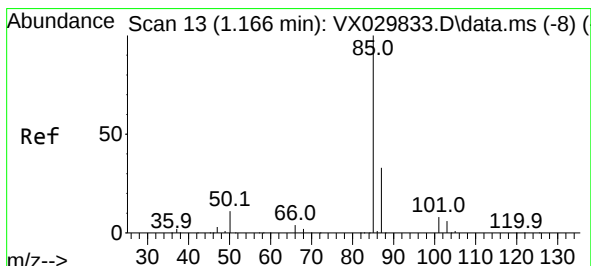
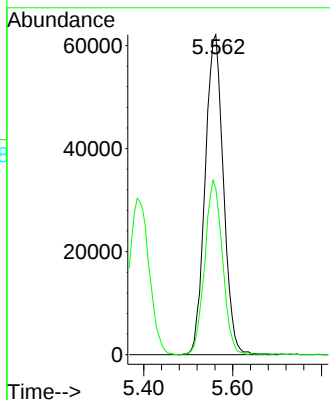
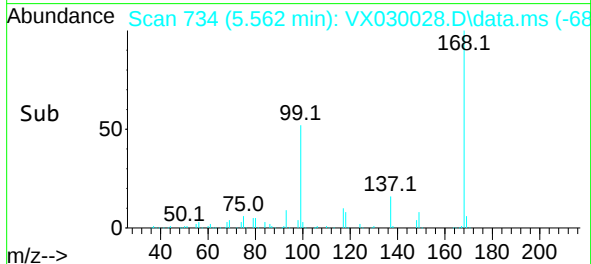
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion:168 Resp: 177530
Ion Ratio Lower Upper
168 100
99 51.9 44.0 66.0

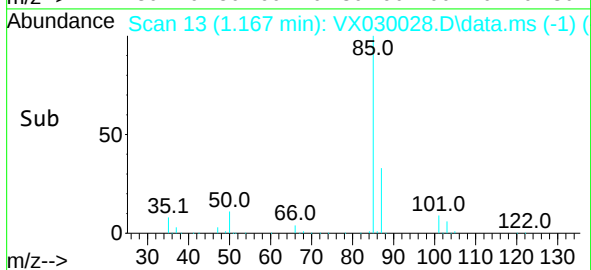
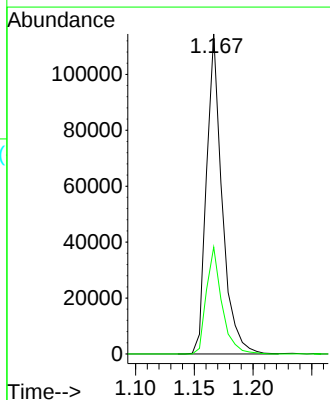
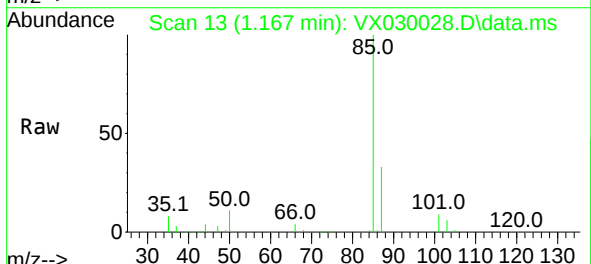
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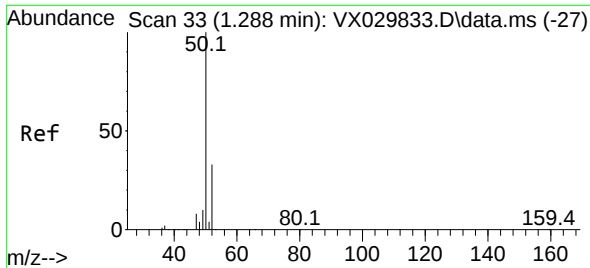
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#2
Dichlorodifluoromethane
Concen: 52.276 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

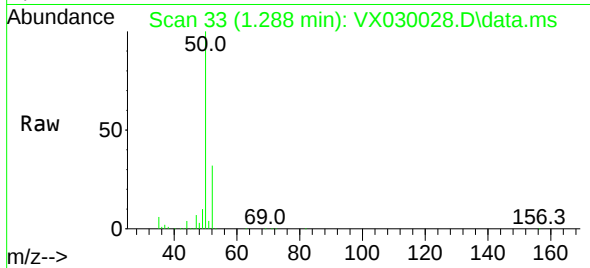
Tgt Ion: 85 Resp: 105323
Ion Ratio Lower Upper
85 100
87 33.4 16.5 49.5





#3
Chloromethane
Concen: 57.569 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

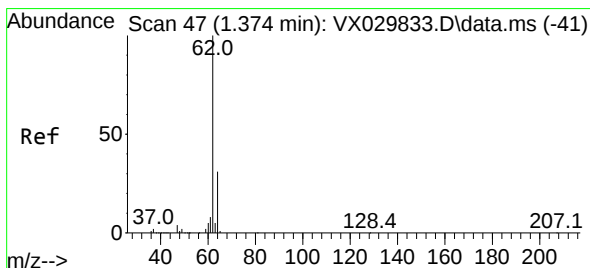
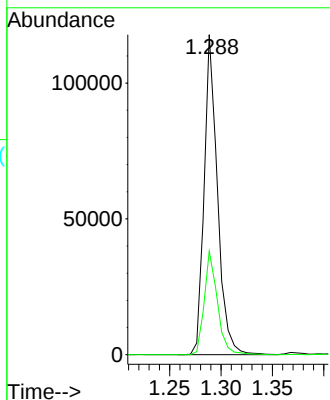
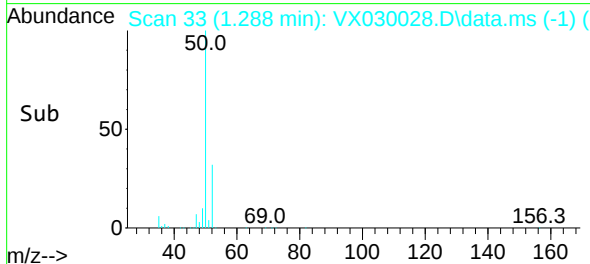
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 106504
Ion Ratio Lower Upper
50 100
52 32.4 26.3 39.5

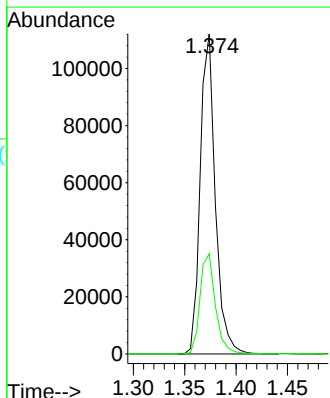
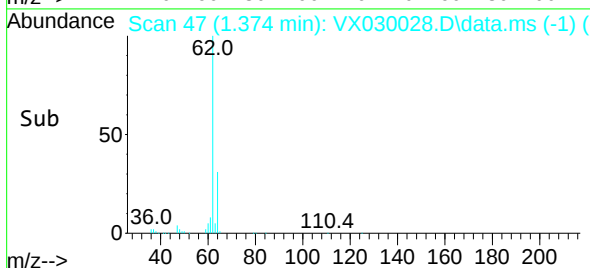
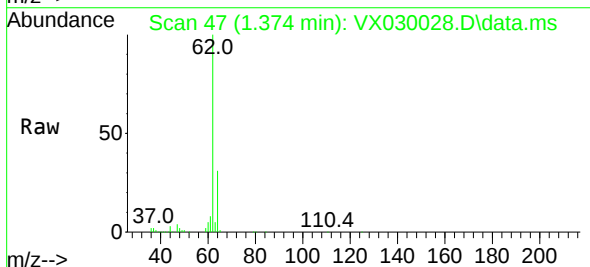
Manual Integrations
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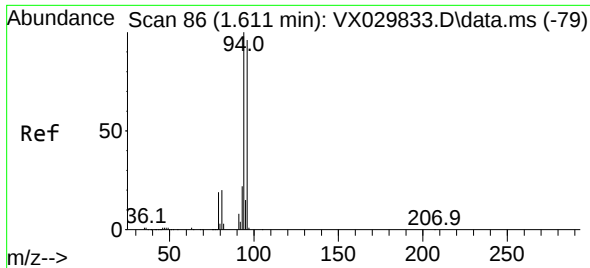
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#4
Vinyl Chloride
Concen: 55.773 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

Tgt Ion: 62 Resp: 114605
Ion Ratio Lower Upper
62 100
64 31.4 25.2 37.8





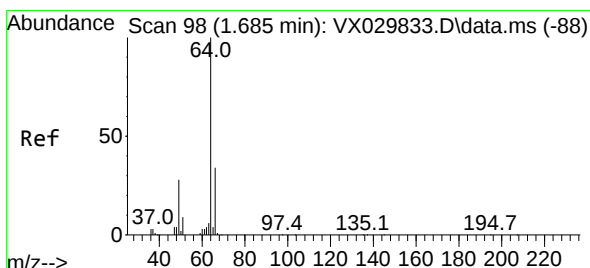
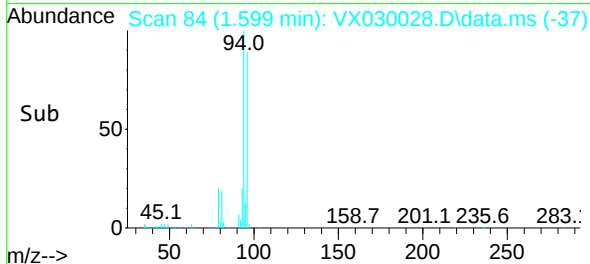
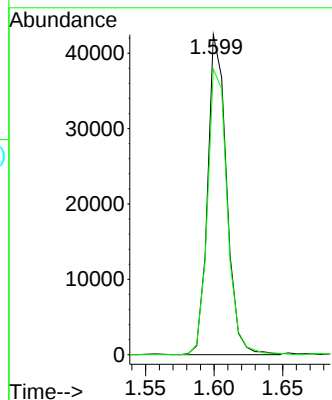
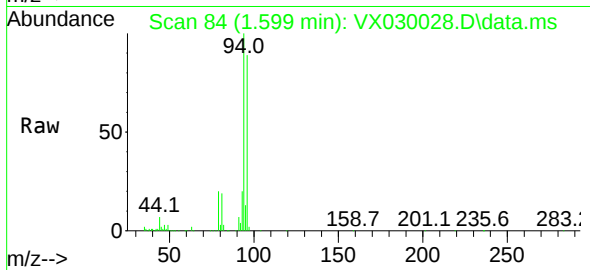
#5
Bromomethane
Concen: 46.684 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.012 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

Instrument :
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ClientSampleId :
MW-05MS

Tgt Ion: 94 Resp: 40750
Ion Ratio Lower Upper
94 100
96 89.3 76.9 115.3

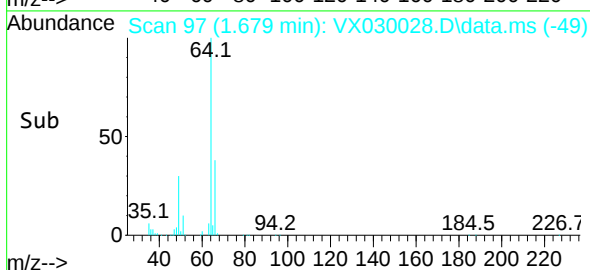
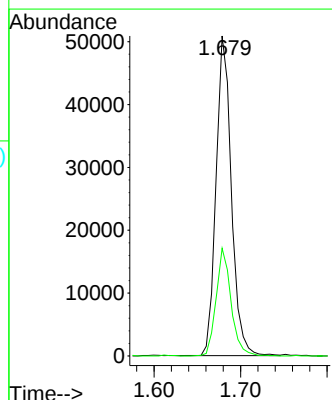
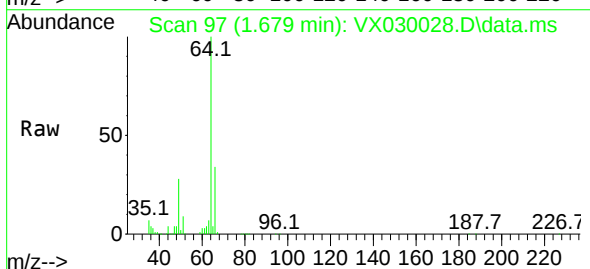
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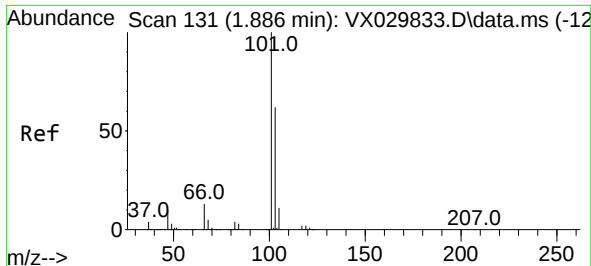
Reviewed By :John Carlone 07/13/2022
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#6
Chloroethane
Concen: 53.993 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX030028.D
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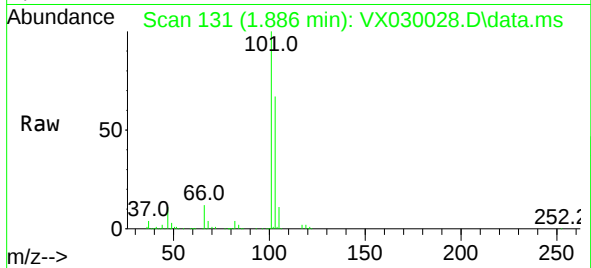
Tgt Ion: 64 Resp: 62478
Ion Ratio Lower Upper
64 100
66 33.7 27.2 40.8





#7
 Trichlorofluoromethane
 Concen: 55.037 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030028.D
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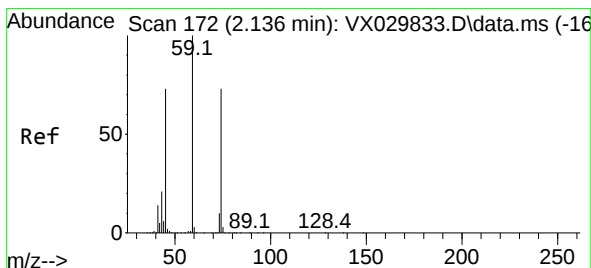
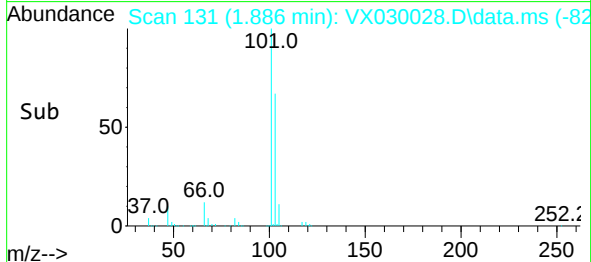
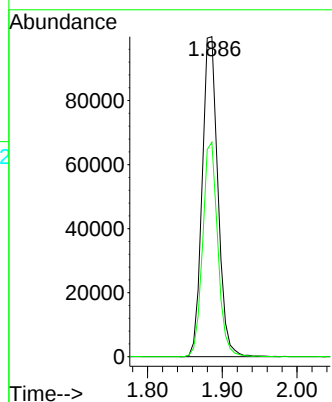
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05MS



Tgt Ion:101 Resp: 14605
 Ion Ratio Lower Upper
 101 100
 103 67.0 49.7 74.5

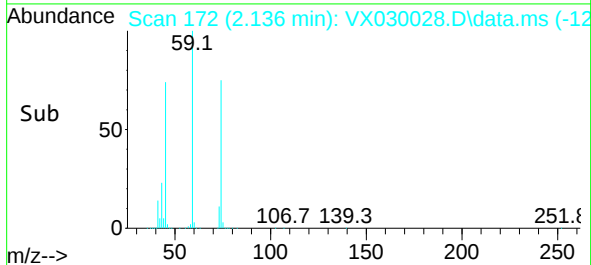
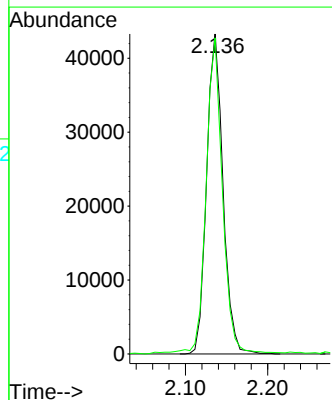
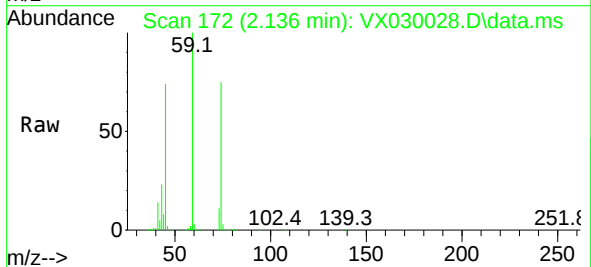
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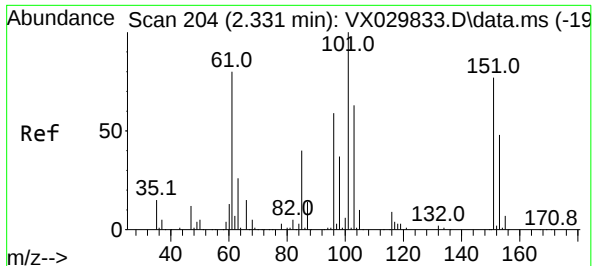
Reviewed By :John Carlone 07/13/2022
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#8
 Diethyl Ether
 Concen: 54.488 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX030028.D
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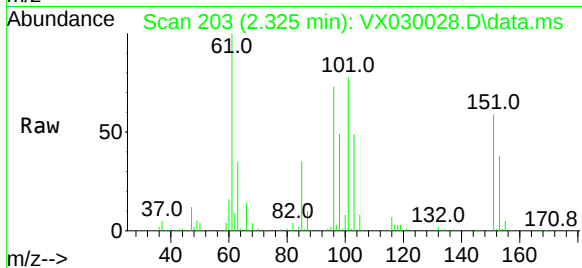
Tgt Ion: 74 Resp: 59820
 Ion Ratio Lower Upper
 74 100
 45 99.4 51.5 154.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.826 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

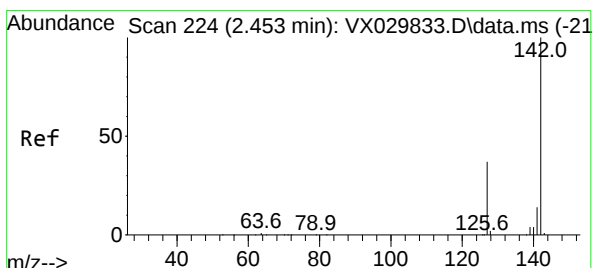
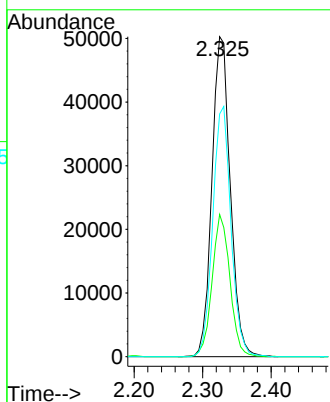
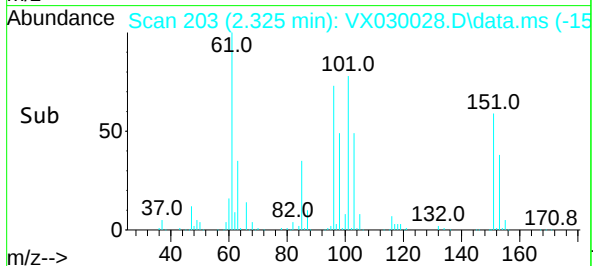
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



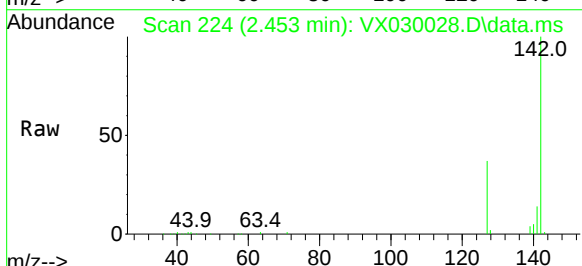
Tgt Ion:101 Resp: 9389
Ion Ratio Lower Upper
101 100
85 42.9 34.0 51.0
151 77.6 59.4 89.0

Manual Integrations
APPROVED

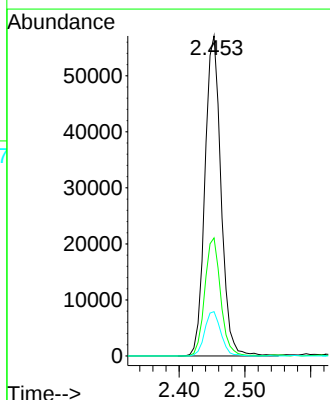
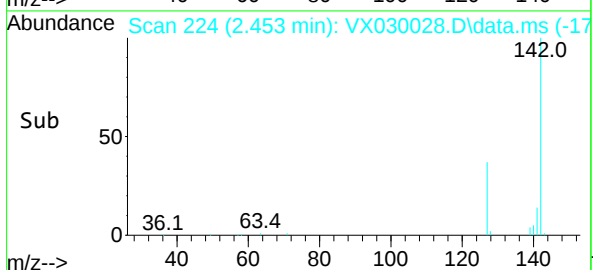
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

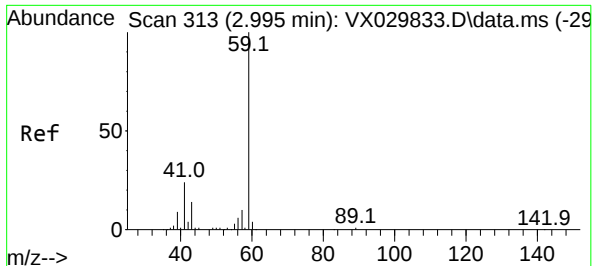


#10
Methyl Iodide
Concen: 54.448 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38



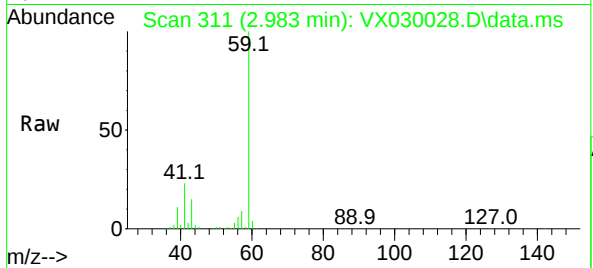
Tgt Ion:142 Resp: 97246
Ion Ratio Lower Upper
142 100
127 36.3 30.2 45.2
141 13.9 11.3 16.9





#11
Tert butyl alcohol
Concen: 231.807 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

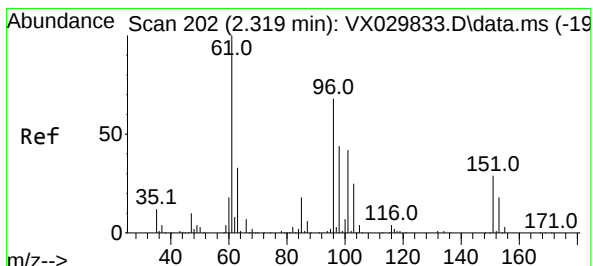
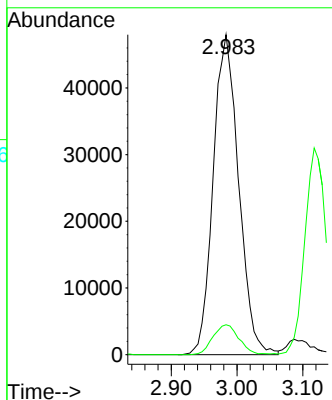
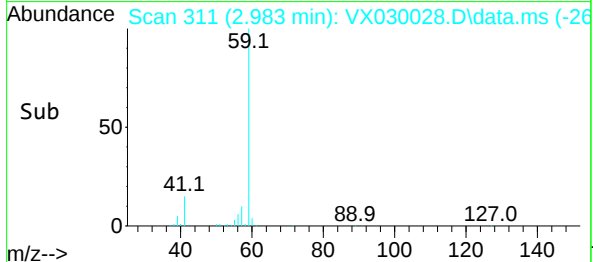
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



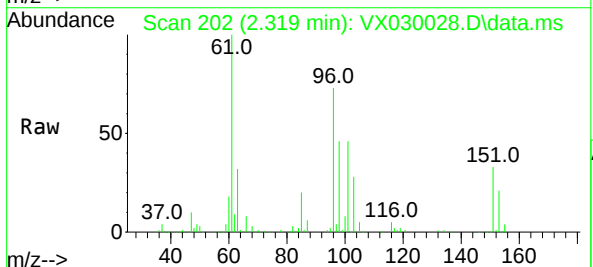
Tgt Ion: 59 Resp: 12928
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.2

Manual Integrations
APPROVED

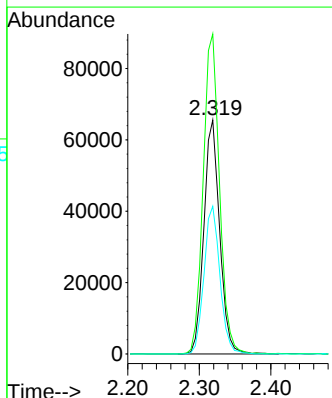
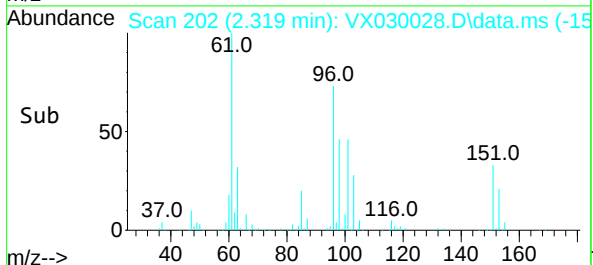
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

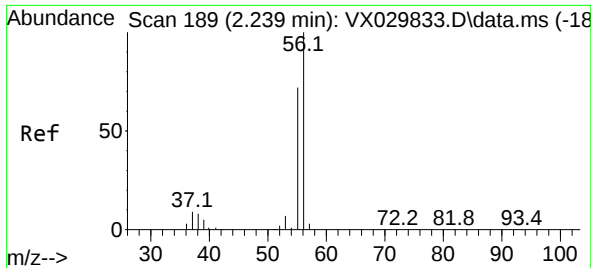


#12
1,1-Dichloroethene
Concen: 55.660 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38



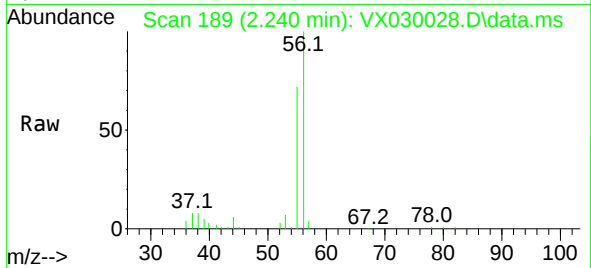
Tgt Ion: 96 Resp: 100679
Ion Ratio Lower Upper
96 100
61 136.8 117.4 176.0
98 63.1 52.2 78.4





#13
Acrolein
Concen: 231.570 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

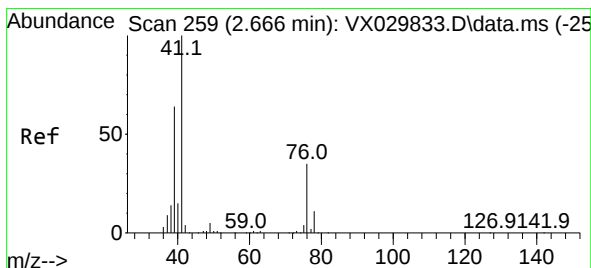
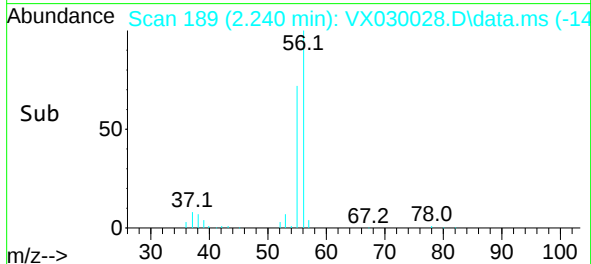
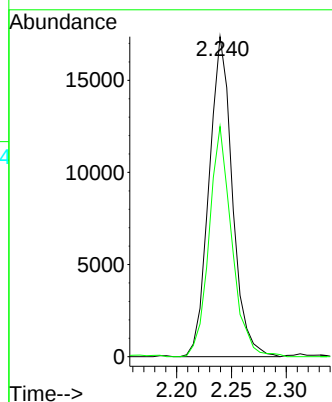
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion: 56 Resp: 2572
Ion Ratio Lower Upper
56 100
55 69.8 56.6 84.8

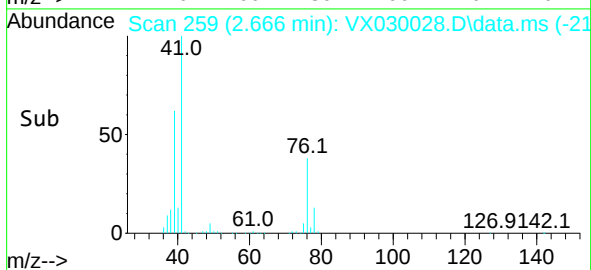
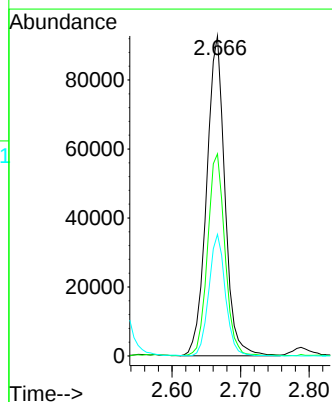
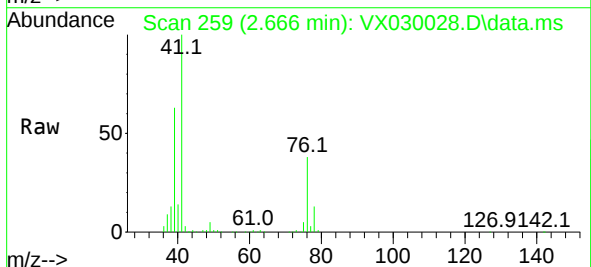
Manual Integrations
APPROVED

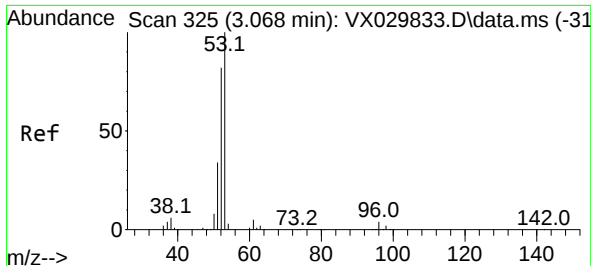
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#14
Allyl chloride
Concen: 54.524 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

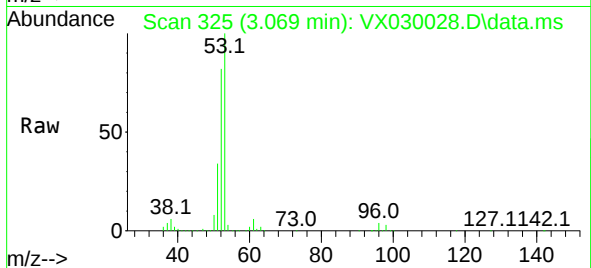
Tgt Ion: 41 Resp: 172351
Ion Ratio Lower Upper
41 100
39 59.7 48.9 73.3
76 34.4 26.9 40.3





#15
Acrylonitrile
Concen: 277.043 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

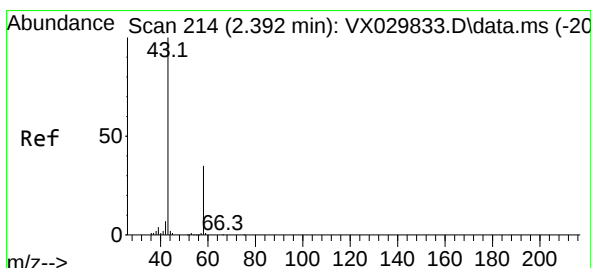
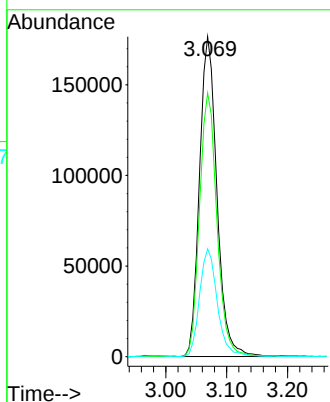
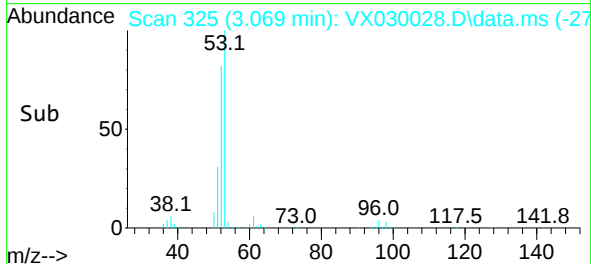
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



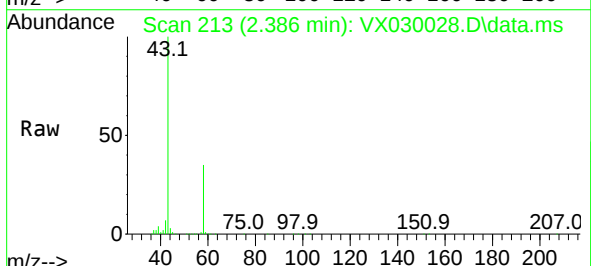
Tgt Ion: 53 Resp: 351150
Ion Ratio Lower Upper
53 100
52 82.4 65.4 98.0
51 34.3 27.7 41.5

Manual Integrations
APPROVED

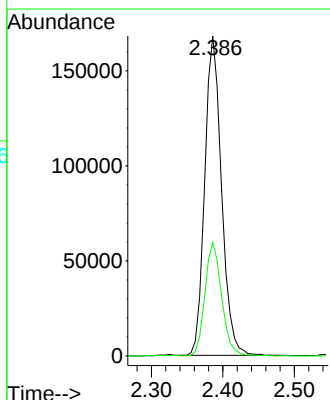
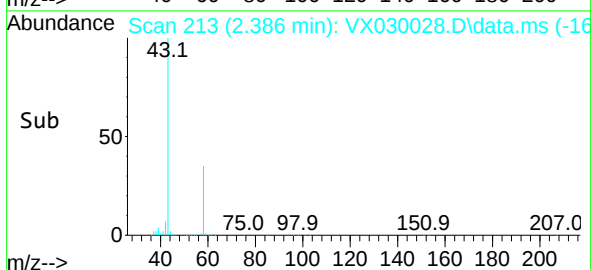
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

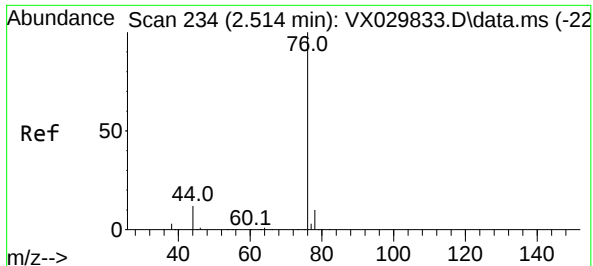


#16
Acetone
Concen: 269.075 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38



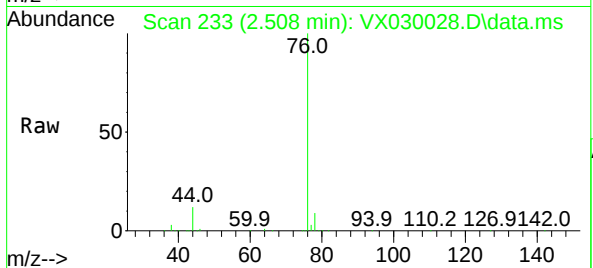
Tgt Ion: 43 Resp: 273984
Ion Ratio Lower Upper
43 100
58 35.4 27.7 41.5





#17
Carbon Disulfide
Concen: 53.708 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

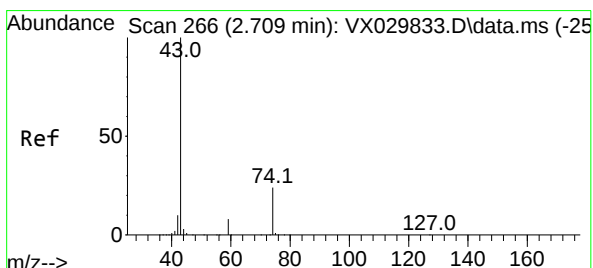
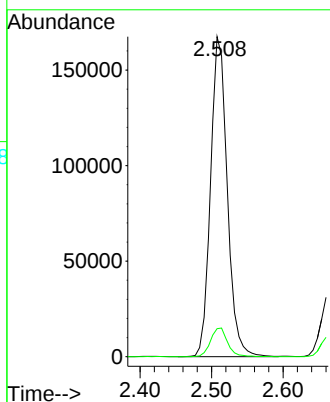
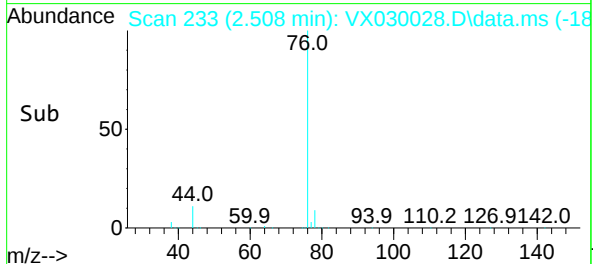
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion: 76 Resp: 271709
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.6

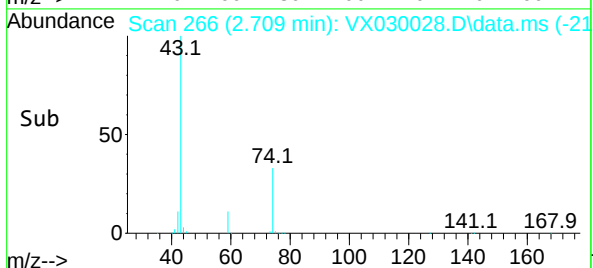
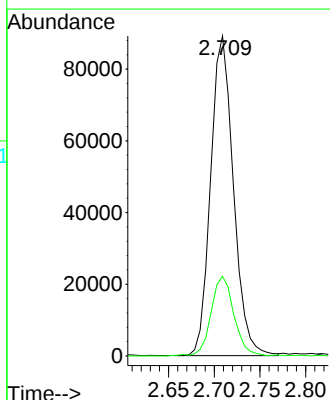
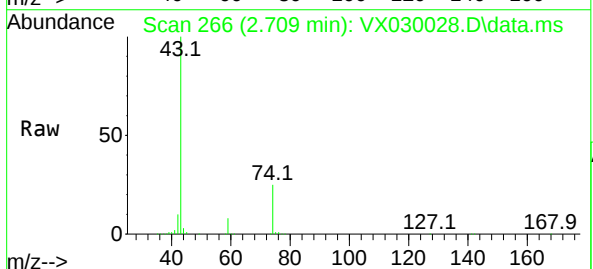
Manual Integrations
APPROVED

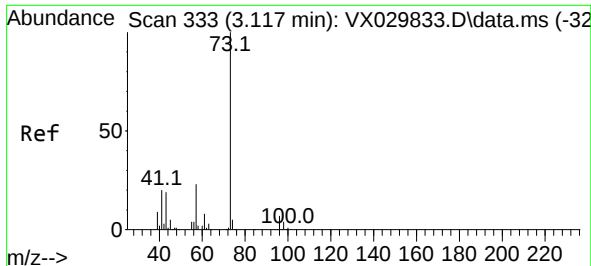
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#18
Methyl Acetate
Concen: 49.846 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

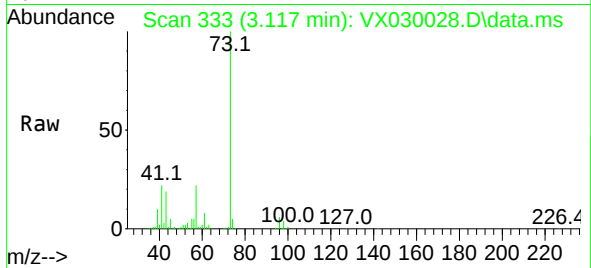
Tgt Ion: 43 Resp: 154408
Ion Ratio Lower Upper
43 100
74 25.1 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 56.101 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

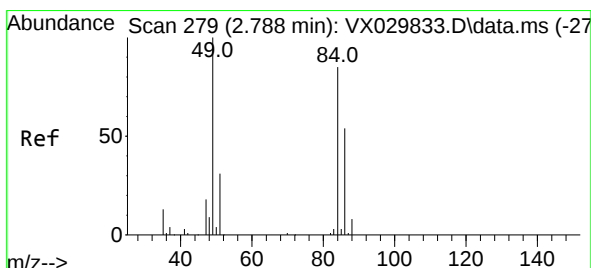
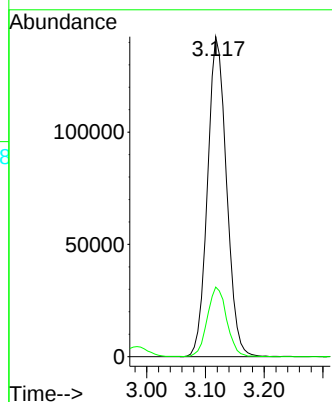
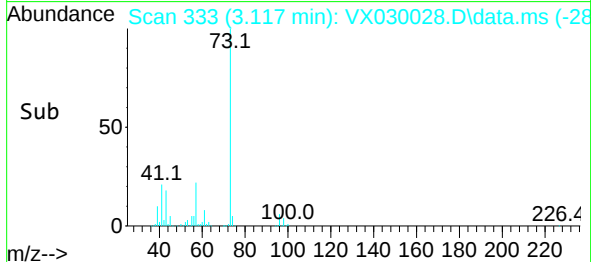
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion: 73 Resp: 320758
Ion Ratio Lower Upper
73 100
57 21.8 19.0 28.6

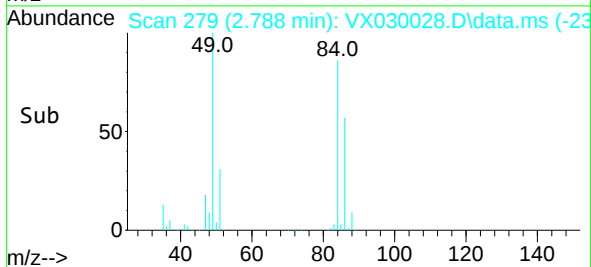
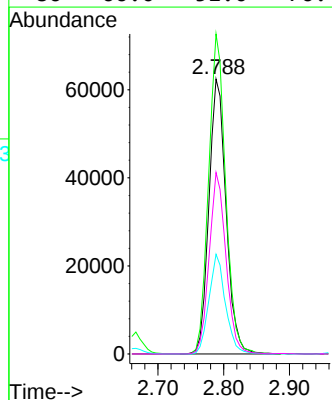
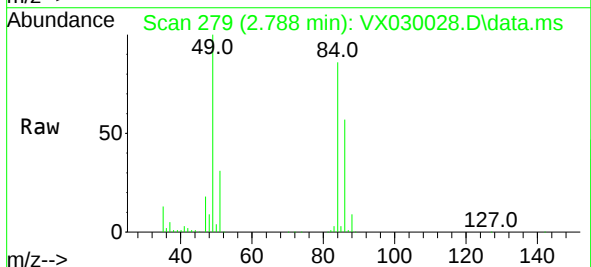
Manual Integrations
APPROVED

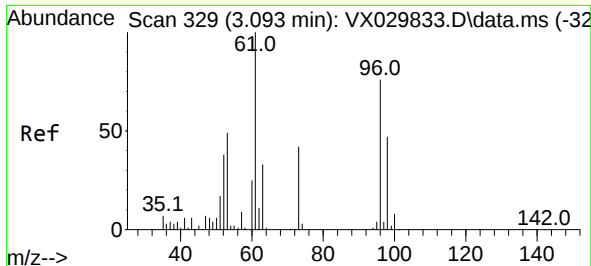
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#20
Methylene Chloride
Concen: 55.351 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

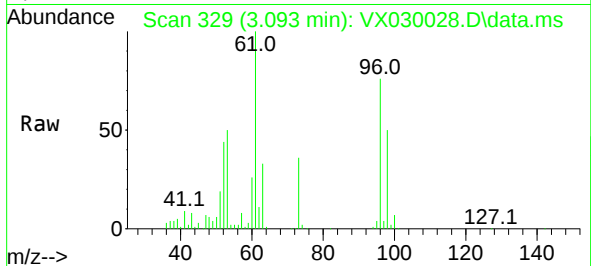
Tgt Ion: 84 Resp: 113533
Ion Ratio Lower Upper
84 100
49 116.4 93.8 140.6
51 36.3 29.4 44.0
86 66.0 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 56.341 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

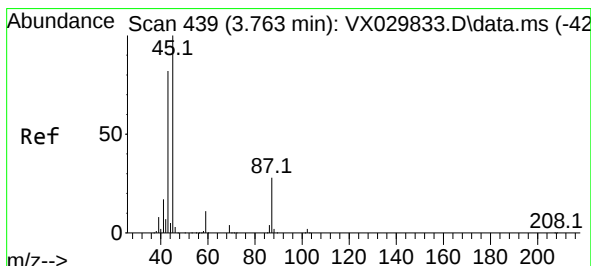
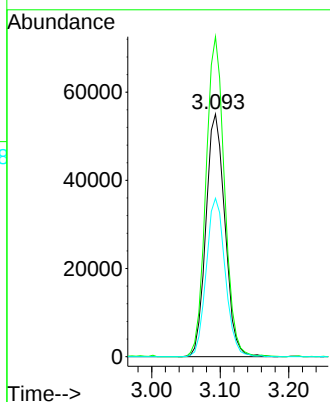
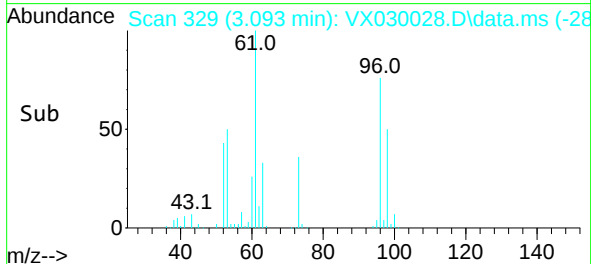
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



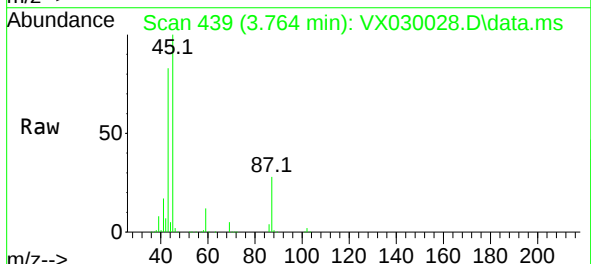
Tgt Ion: 96 Resp: 106220
Ion Ratio Lower Upper
96 100
61 131.9 105.6 158.4
98 65.3 50.1 75.1

Manual Integrations
APPROVED

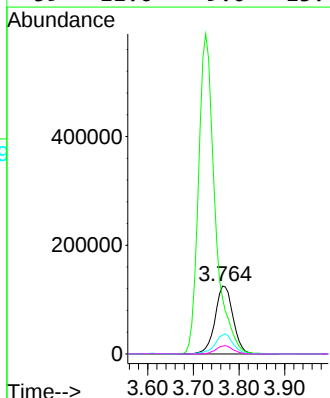
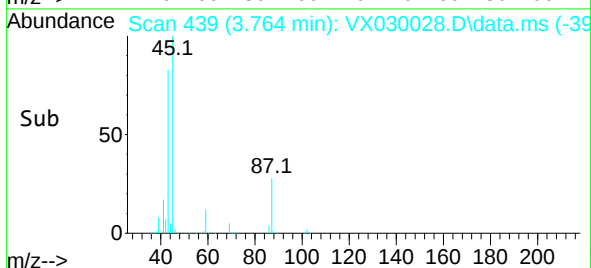
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

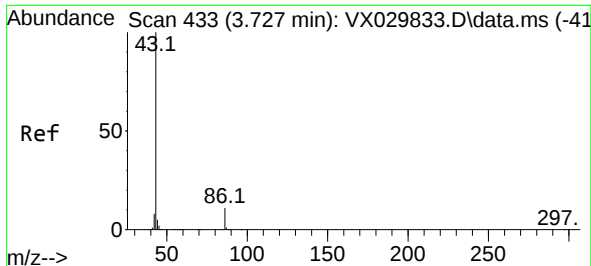


#22
Diisopropyl ether
Concen: 55.358 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38



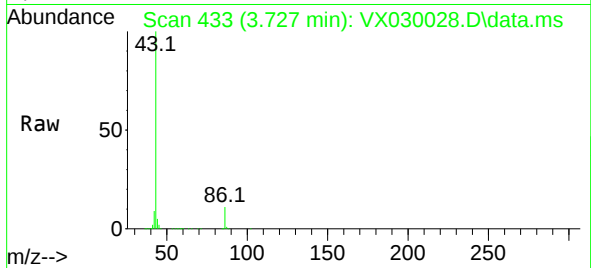
Tgt Ion: 45 Resp: 342520
Ion Ratio Lower Upper
45 100
43 82.6 65.4 98.0
87 27.6 22.3 33.5
59 11.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 281.450 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030028.D
 Acq: 12 Jul 2022 18:38

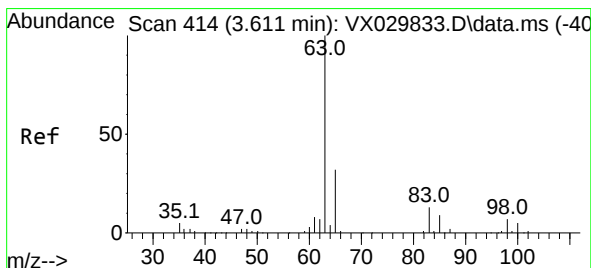
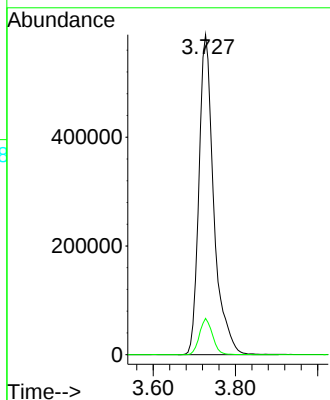
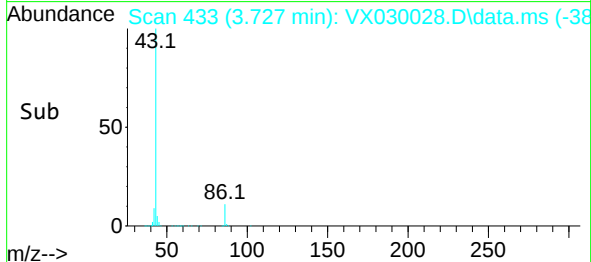
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05MS



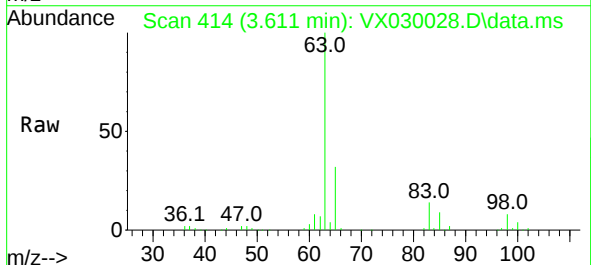
Tgt Ion: 43 Resp: 1474210
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.5 12.7

Manual Integrations
 APPROVED

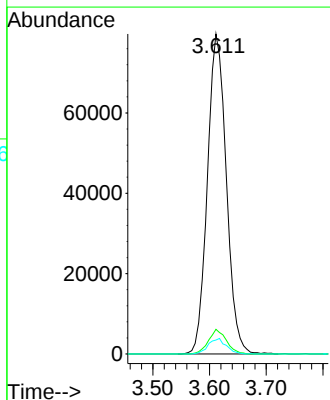
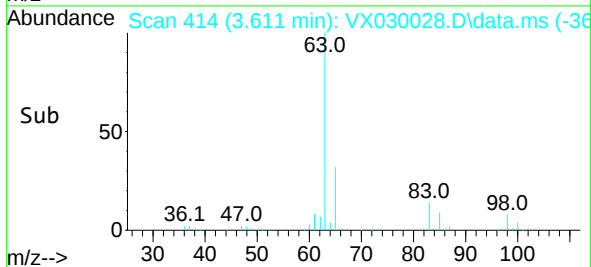
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

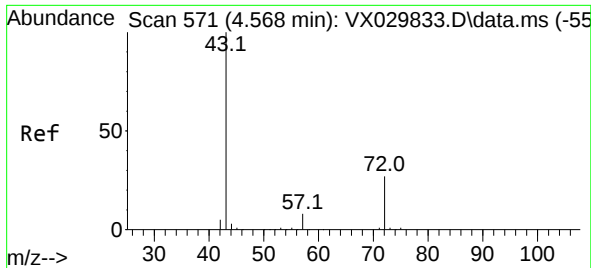


#24
 1,1-Dichloroethane
 Concen: 53.909 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030028.D
 Acq: 12 Jul 2022 18:38



Tgt Ion: 63 Resp: 184835
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.5
 100 4.4 2.3 6.9





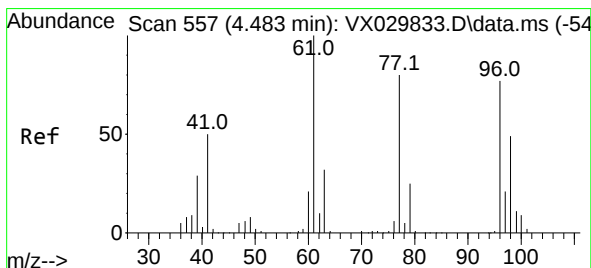
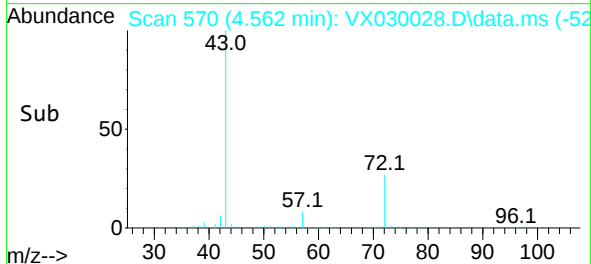
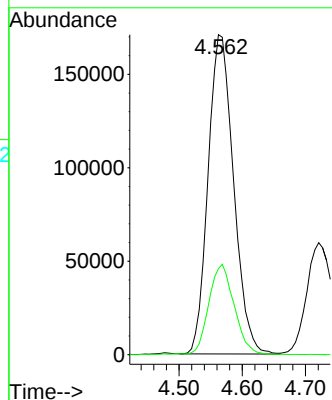
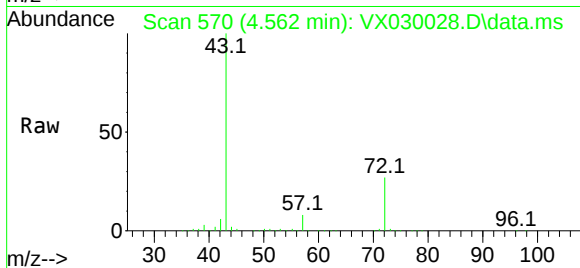
#25
2-Butanone
Concen: 275.821 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

Instrument :
MSVOA_X
ClientSampleId :
MW-05MS

Tgt Ion: 43 Resp: 478410
Ion Ratio Lower Upper
43 100
72 26.8 21.7 32.5

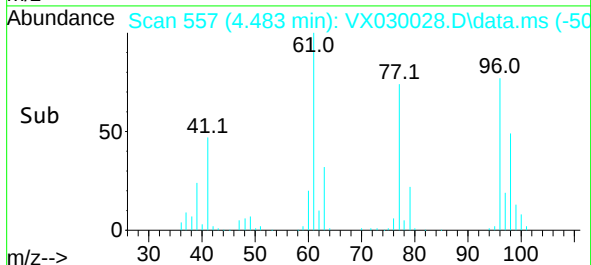
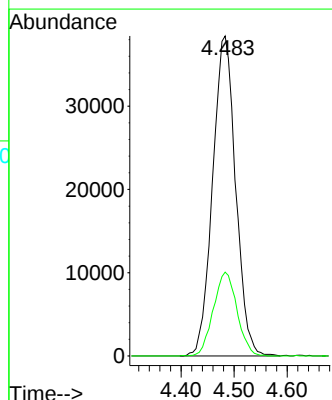
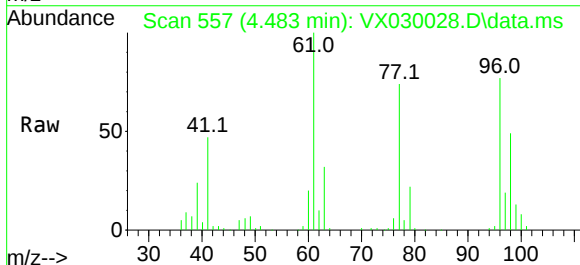
Manual Integrations
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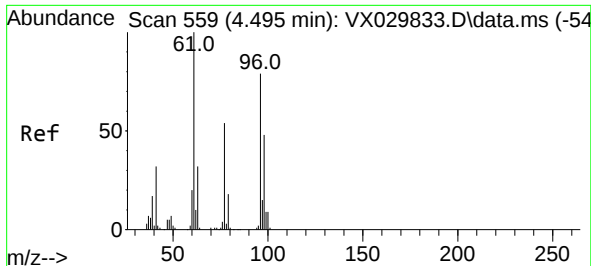
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#26
2,2-Dichloropropane
Concen: 48.101 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

Tgt Ion: 77 Resp: 115851
Ion Ratio Lower Upper
77 100
97 26.9 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 54.931 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

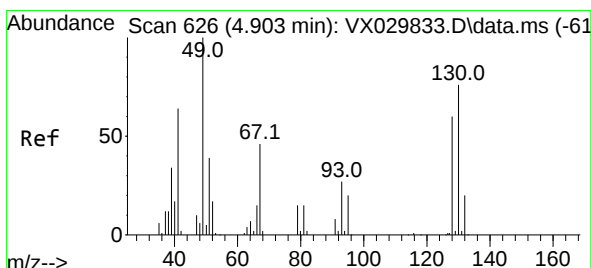
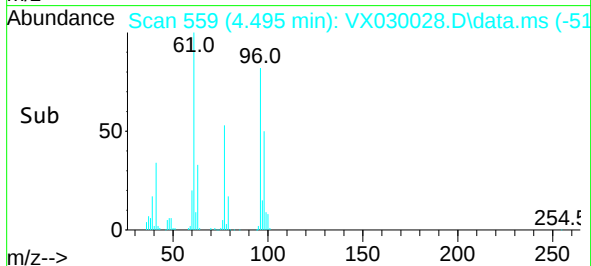
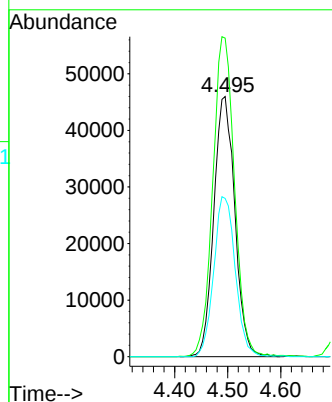
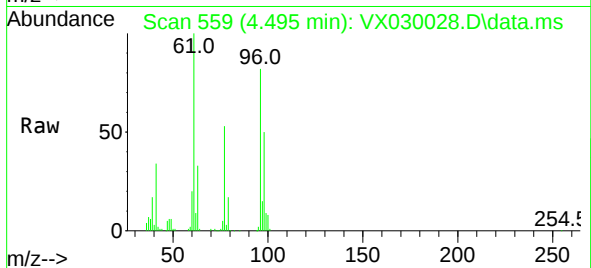
Tgt Ion:	96	Resp:	12682
Ion Ratio	Lower	Upper	
96	100		
61	127.3	0.0	270.0
98	62.9	0.0	127.8

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#28

Bromochloromethane

Concen: 51.815 ug/l

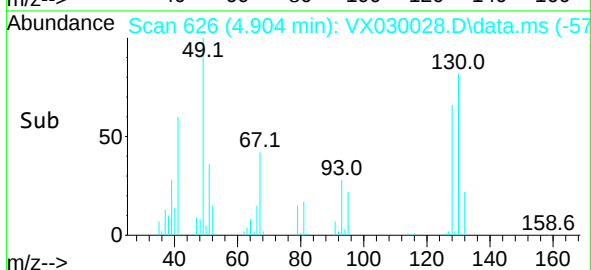
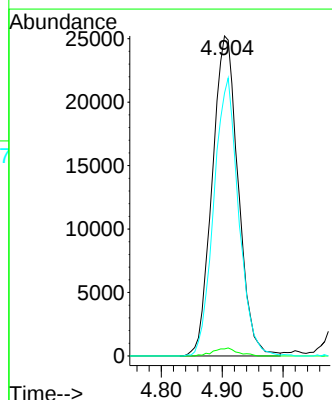
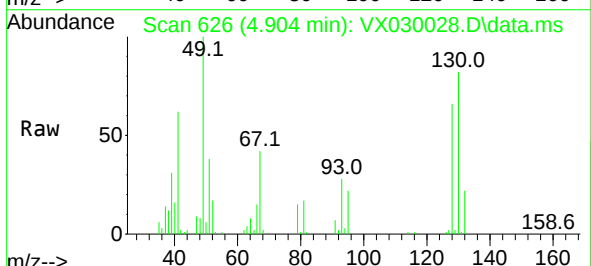
RT: 4.904 min Scan# 626

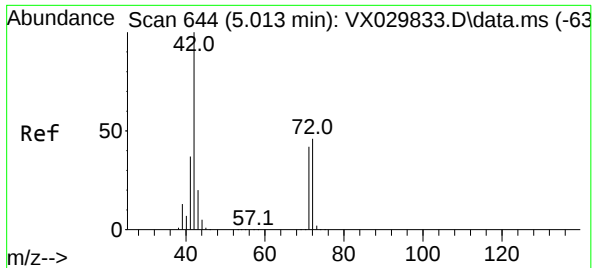
Delta R.T. 0.001 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Tgt Ion:	49	Resp:	74739
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	4.4
130	82.8	62.8	94.2





#29

Tetrahydrofuran

Concen: 274.447 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 42 Resp: 323060

Ion Ratio Lower Upper

42 100

72 46.4 36.5 54.7

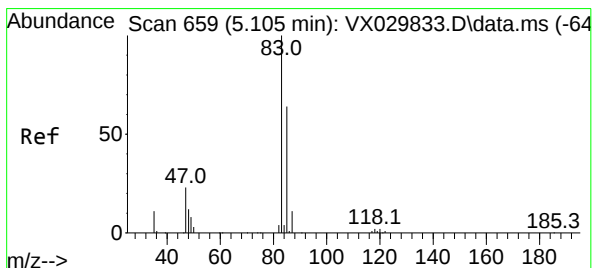
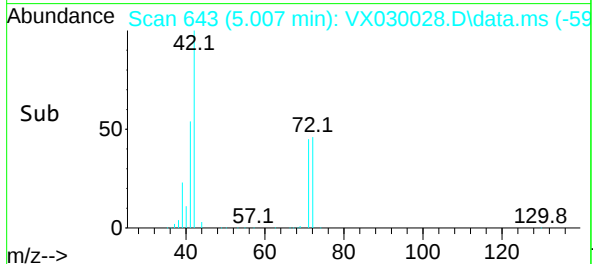
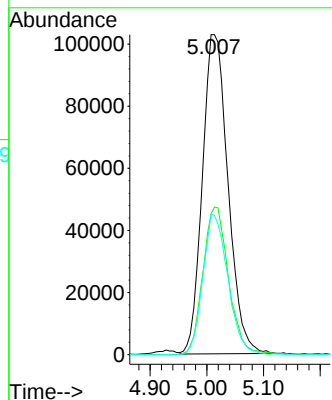
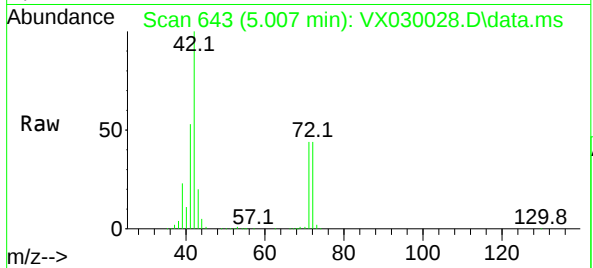
71 42.9 33.9 50.9

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#30

Chloroform

Concen: 54.222 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX030028.D

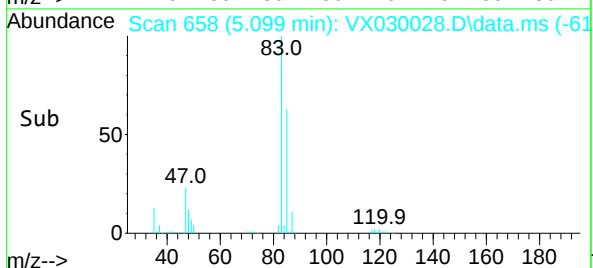
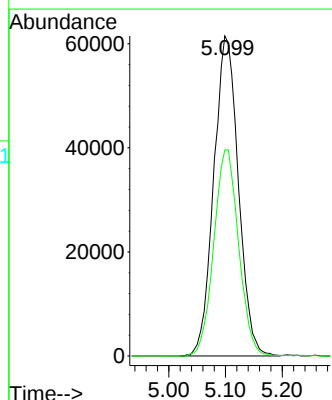
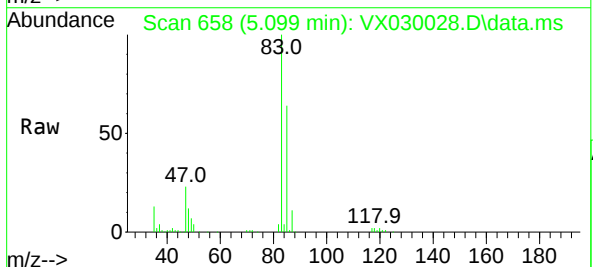
Acq: 12 Jul 2022 18:38

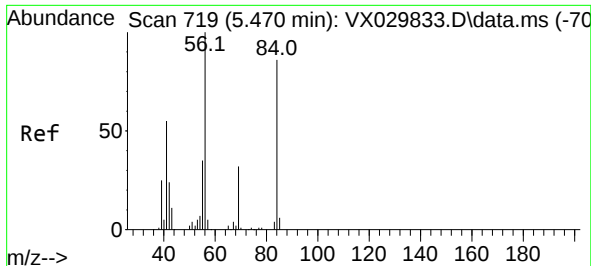
Tgt Ion: 83 Resp: 185267

Ion Ratio Lower Upper

83 100

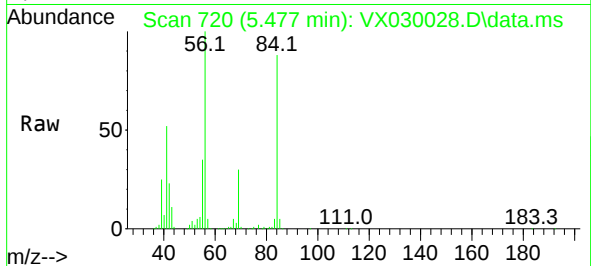
85 64.4 51.5 77.3





#31
Cyclohexane
Concen: 53.200 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

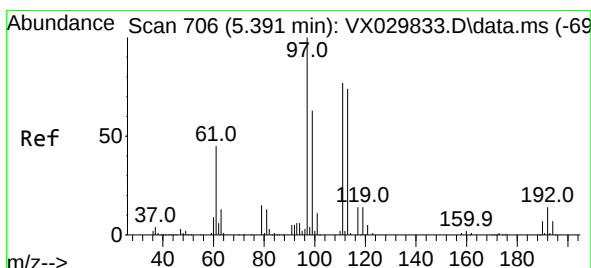
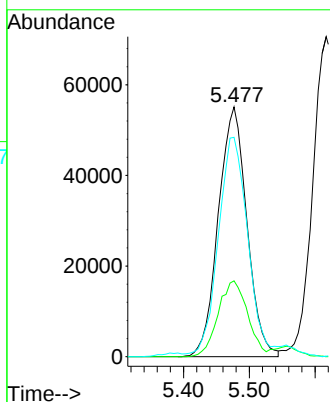
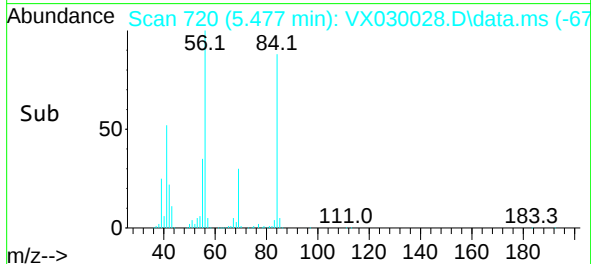
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



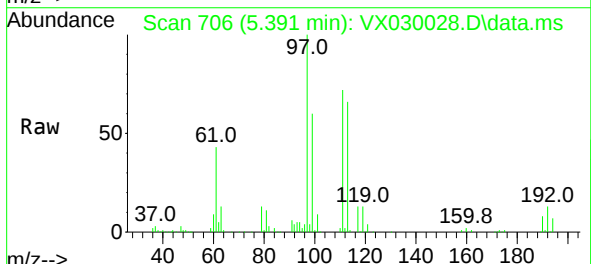
Tgt Ion: 56 Resp: 166654
Ion Ratio Lower Upper
56 100
69 30.3 25.4 38.0
84 86.3 68.9 103.3

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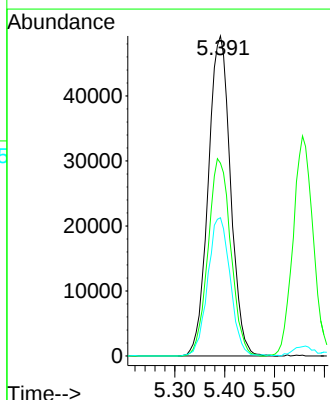
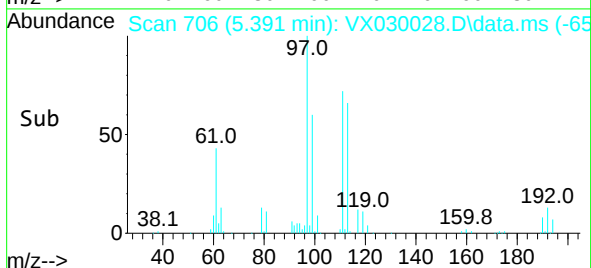
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

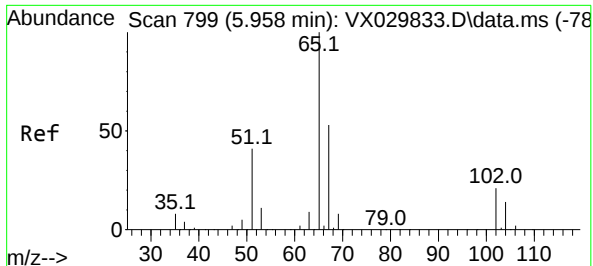


#32
1,1,1-Trichloroethane
Concen: 54.631 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38



Tgt Ion: 97 Resp: 152563
Ion Ratio Lower Upper
97 100
99 62.8 51.4 77.0
61 43.6 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 49.255 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 65 Resp: 106438

Ion Ratio Lower Upper

65 100

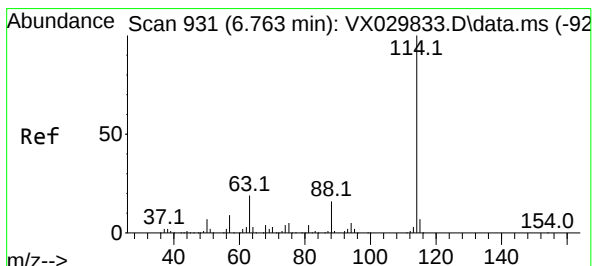
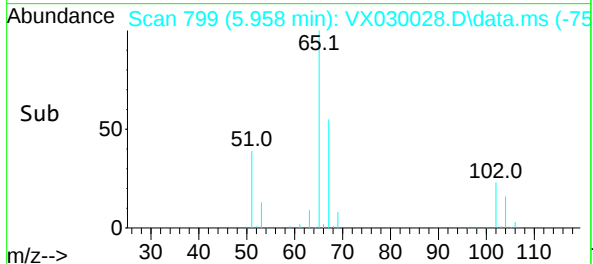
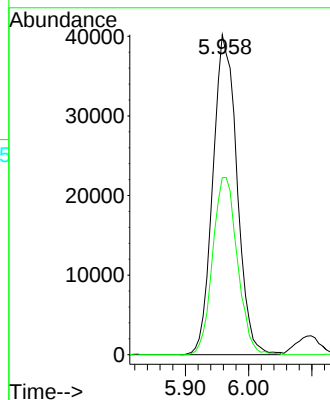
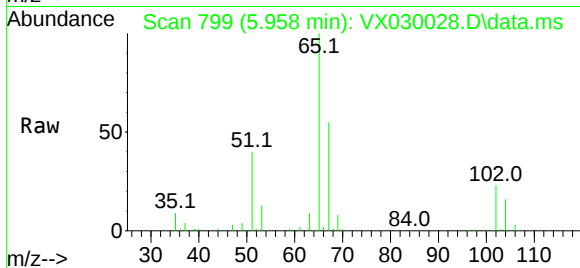
67 56.8 0.0 109.6

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

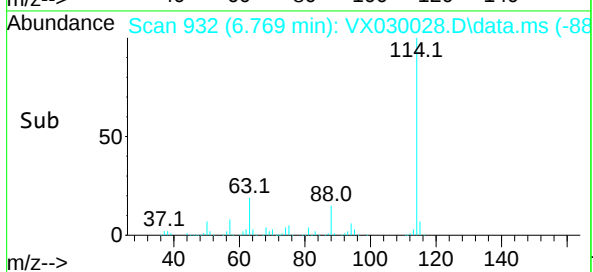
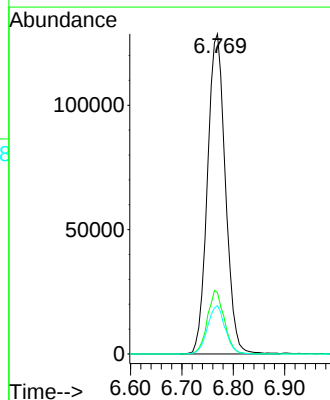
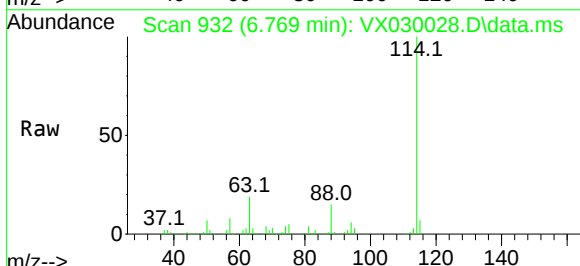
Tgt Ion:114 Resp: 311358

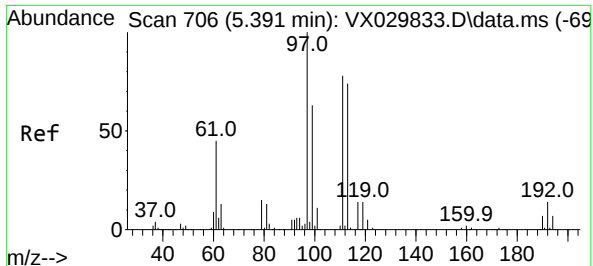
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.766 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030028.D

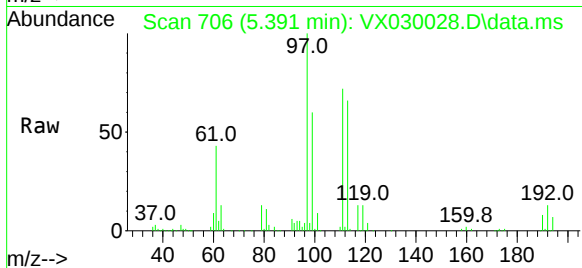
Acq: 12 Jul 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS



Tgt Ion: 113 Resp: 9699

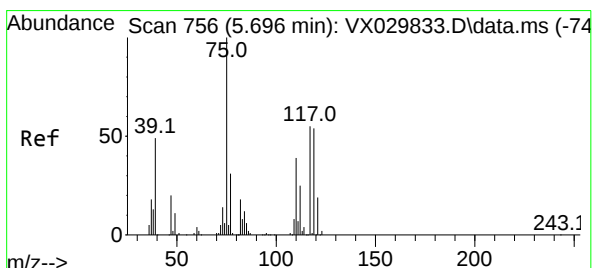
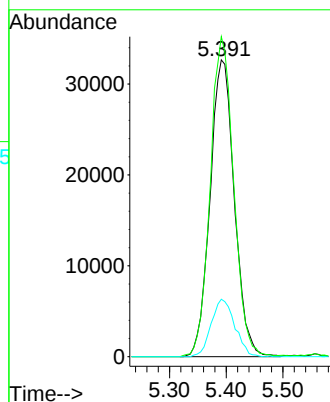
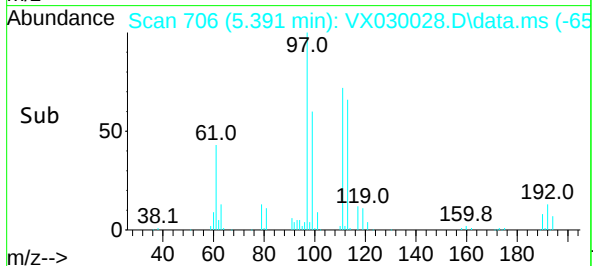
Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.2	124.8
192	18.8	14.8	22.2

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#36

1,1-Dichloropropene

Concen: 54.090 ug/l

RT: 5.696 min Scan# 756

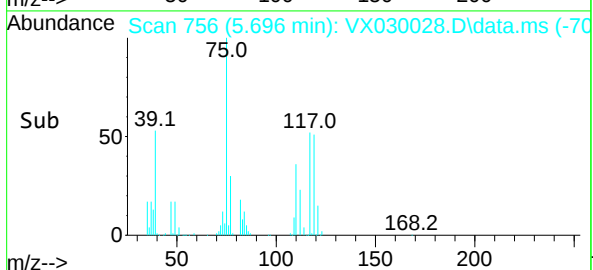
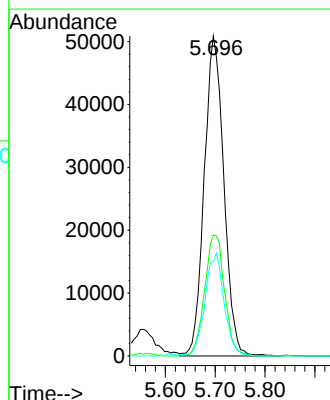
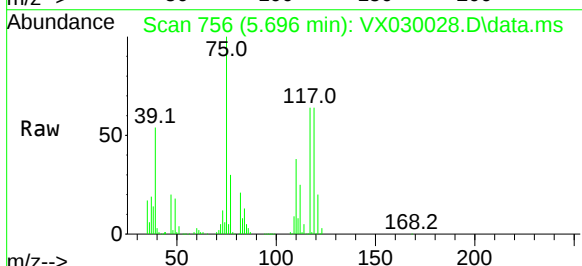
Delta R.T. 0.000 min

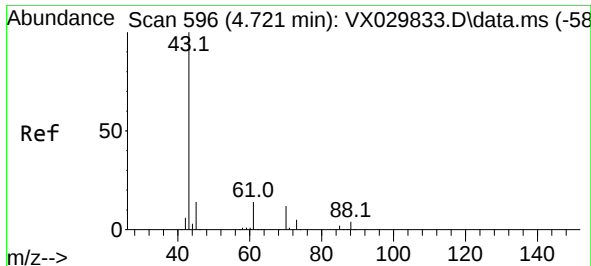
Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Tgt Ion: 75 Resp: 138971

Ion	Ratio	Lower	Upper
75	100		
110	38.4	19.3	57.9
77	31.5	24.4	36.6





#37

Ethyl Acetate

Concen: 53.090 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 43 Resp: 17527

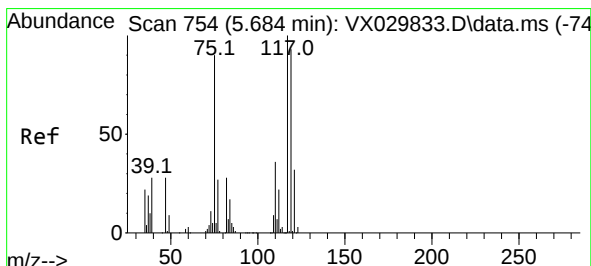
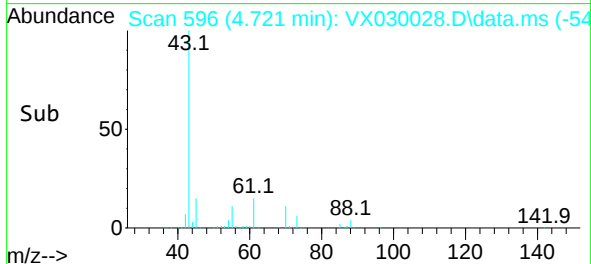
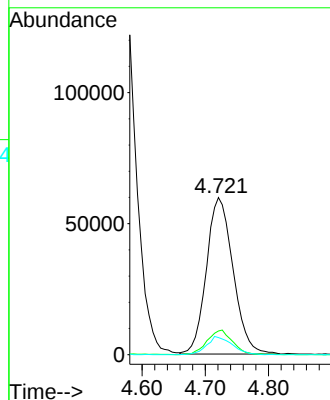
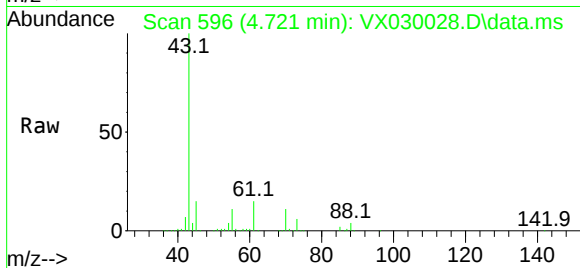
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.7	17.5
70	11.0	9.3	13.9

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#38

Carbon Tetrachloride

Concen: 53.079 ug/l

RT: 5.684 min Scan# 754

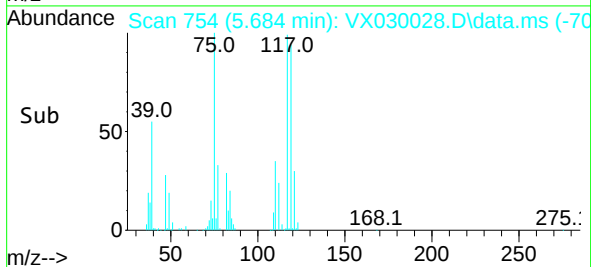
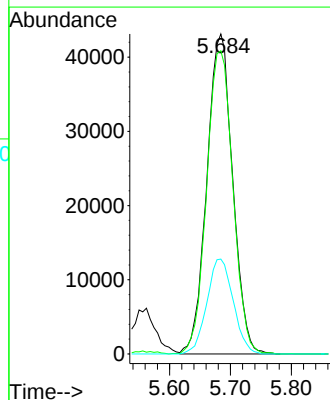
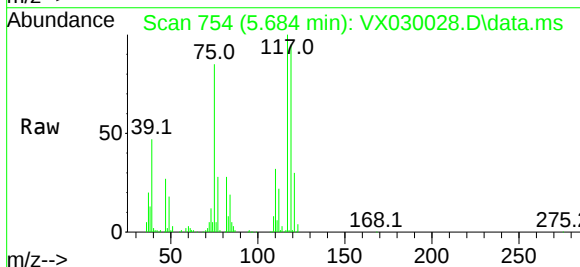
Delta R.T. 0.000 min

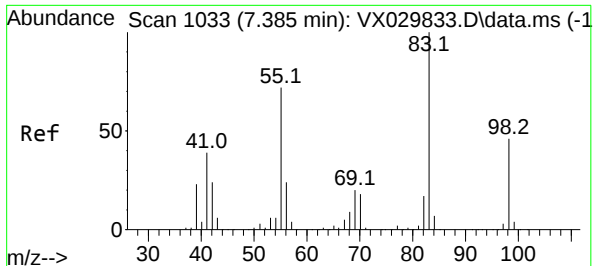
Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Tgt Ion:117 Resp: 127174

Ion	Ratio	Lower	Upper
117	100		
119	94.7	74.1	111.1
121	29.7	25.8	38.8





#39

Methylcyclohexane

Concen: 53.149 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 83 Resp: 173100

Ion Ratio Lower Upper

83 100

55 73.4 57.7 86.5

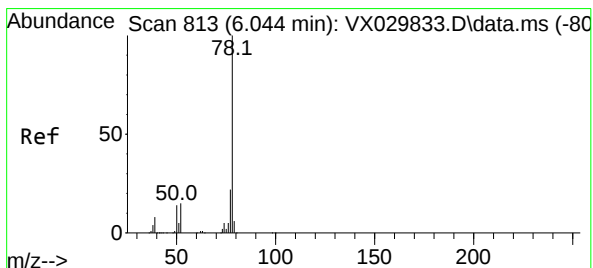
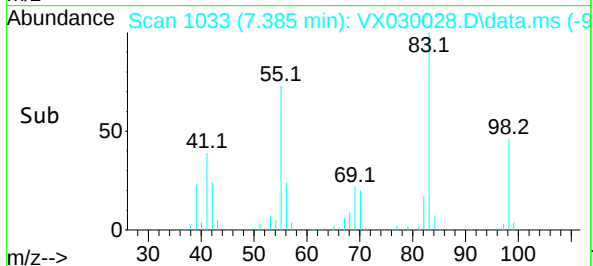
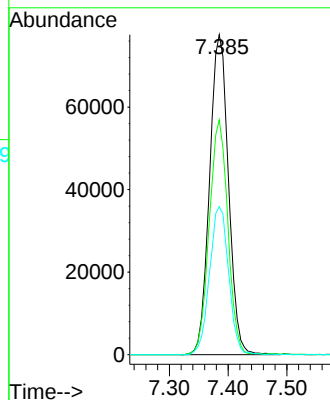
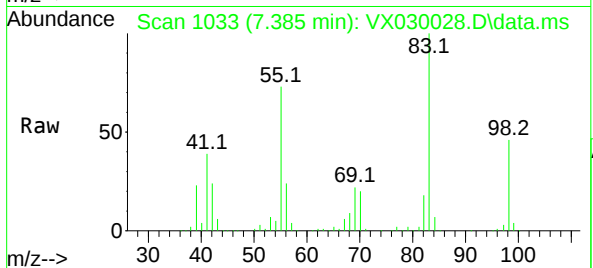
98 46.2 36.5 54.7

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#40

Benzene

Concen: 55.174 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX030028.D

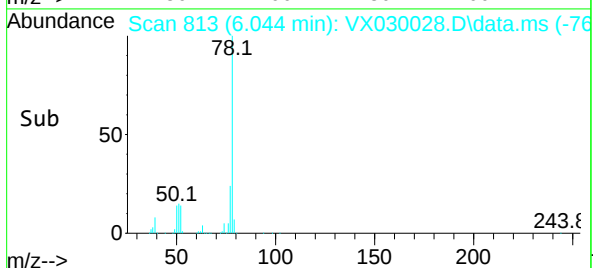
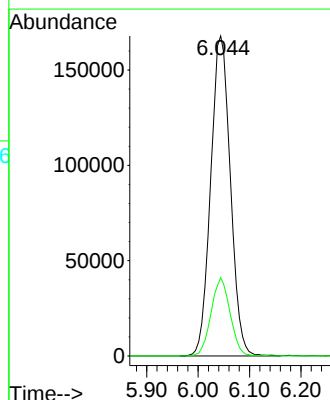
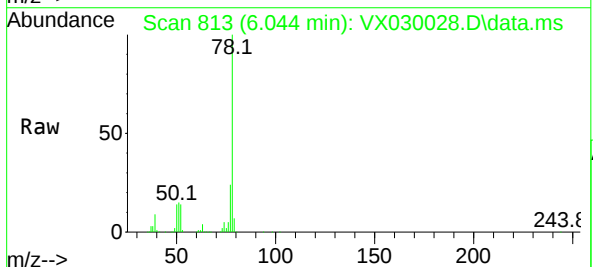
Acq: 12 Jul 2022 18:38

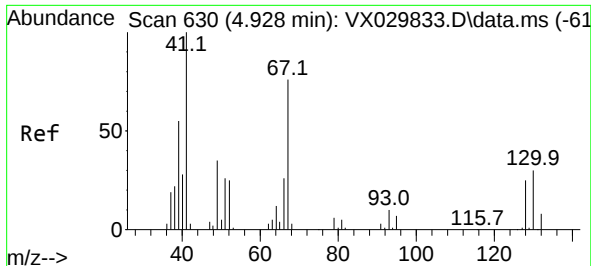
Tgt Ion: 78 Resp: 446173

Ion Ratio Lower Upper

78 100

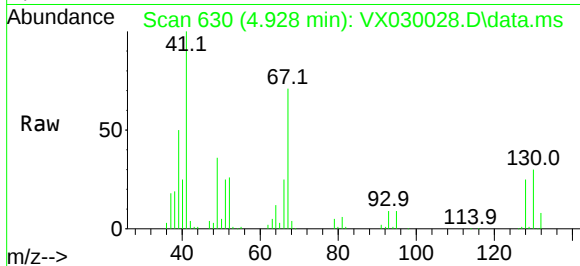
77 24.4 18.0 27.0





#41
Methacrylonitrile
Concen: 53.704 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

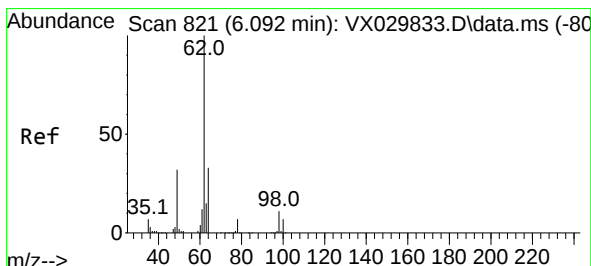
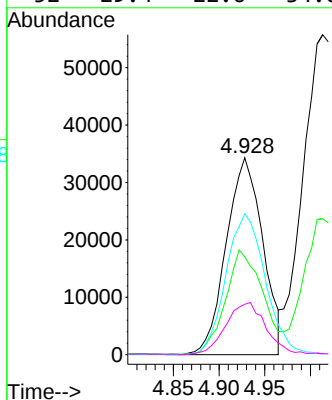
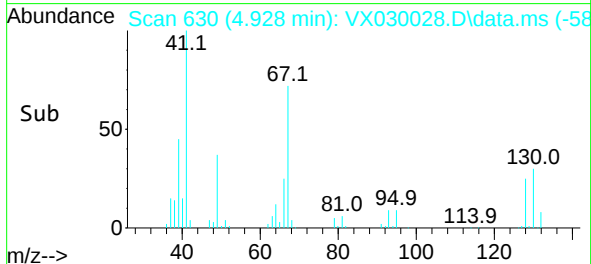
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion: 41 Resp: 9546
Ion Ratio Lower Upper
41 100
39 54.6 42.9 64.3
67 77.1 60.1 90.1
52 29.4 22.6 34.0

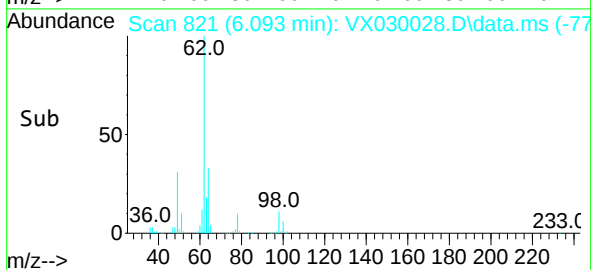
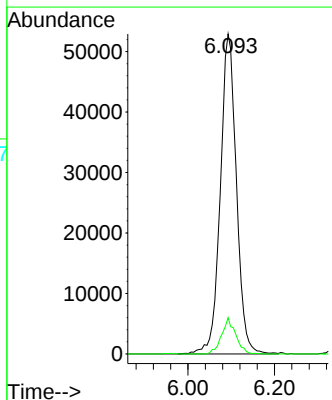
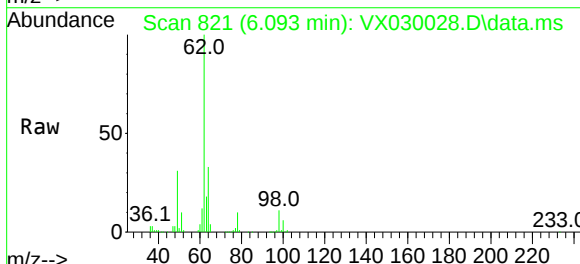
Manual Integrations
APPROVED

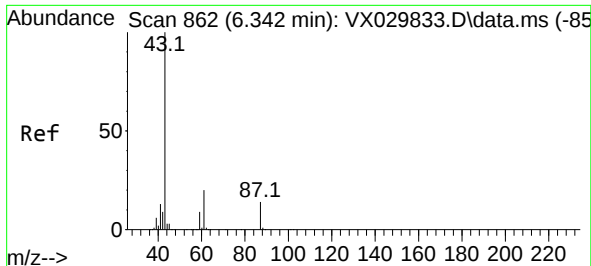
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#42
1,2-Dichloroethane
Concen: 54.730 ug/l
RT: 6.093 min Scan# 821
Delta R.T. 0.001 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

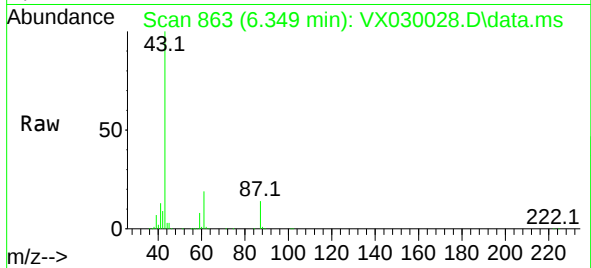
Tgt Ion: 62 Resp: 137164
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.2





#43
Isopropyl Acetate
Concen: 54.134 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.007 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

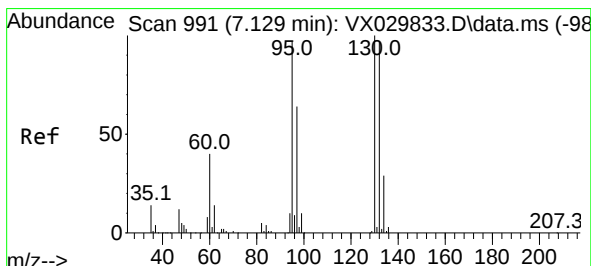
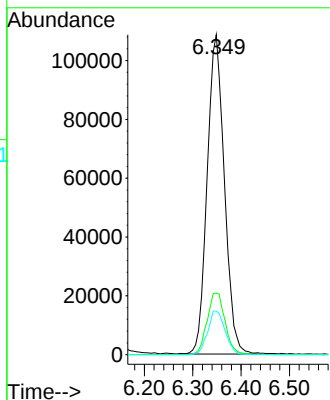
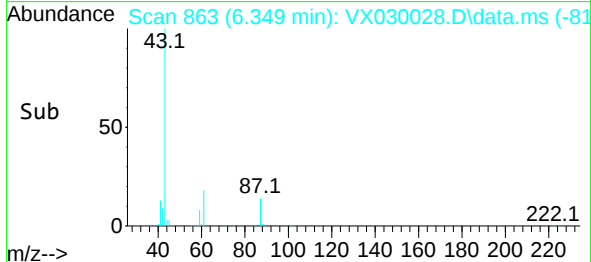
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion: 43 Resp: 268744
Ion Ratio Lower Upper
43 100
61 20.2 16.5 24.7
87 13.9 11.1 16.7

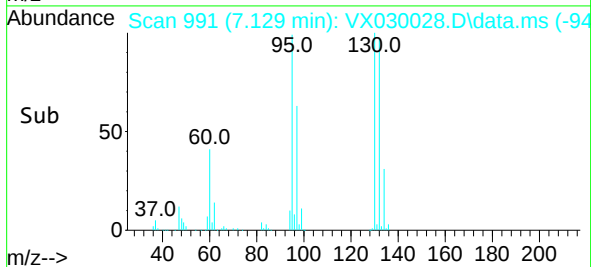
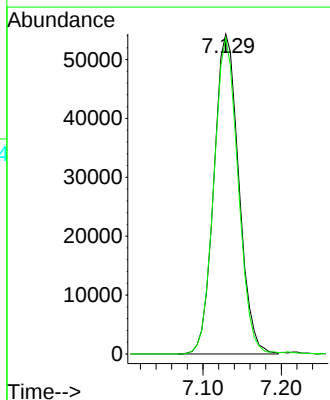
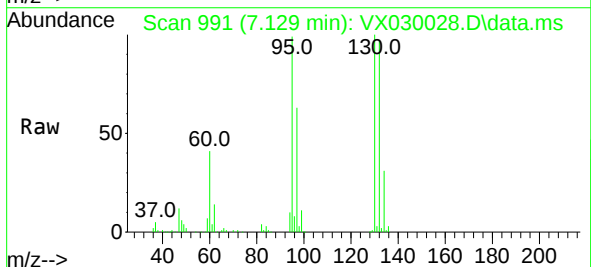
Manual Integrations
APPROVED

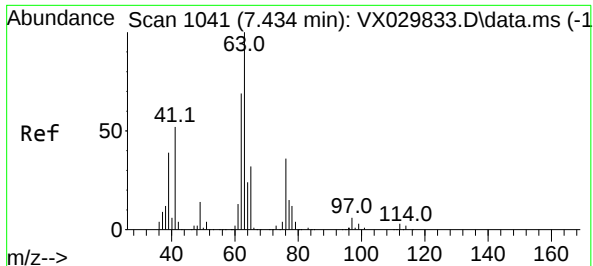
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#44
Trichloroethene
Concen: 50.614 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

Tgt Ion:130 Resp: 119602
Ion Ratio Lower Upper
130 100
95 98.8 0.0 194.8





#45

1,2-Dichloropropane

Concen: 55.130 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 63 Resp: 115880

Ion Ratio Lower Upper

63 100

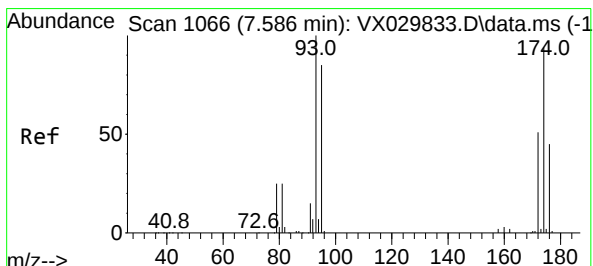
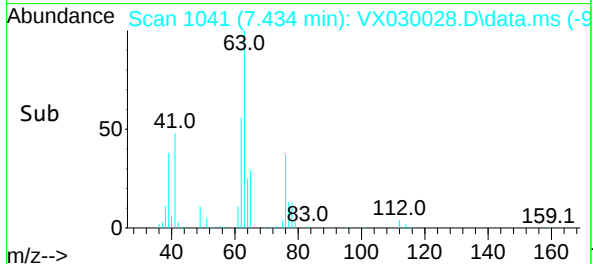
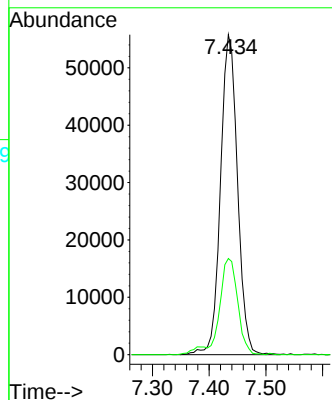
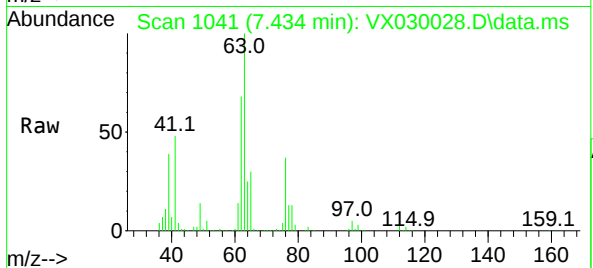
65 30.1 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#46

Dibromomethane

Concen: 53.758 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

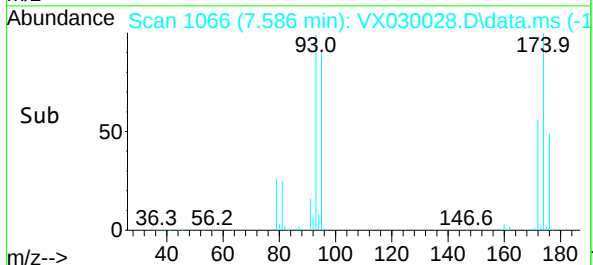
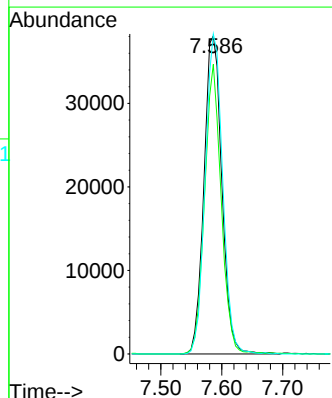
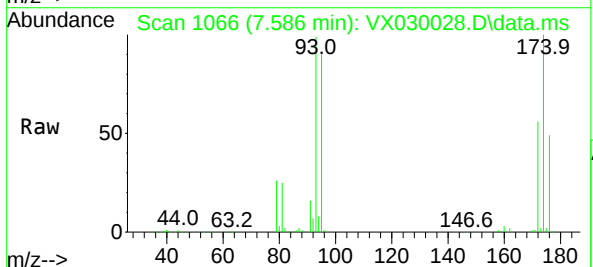
Tgt Ion: 93 Resp: 77772

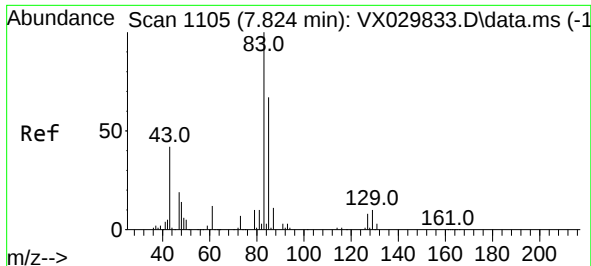
Ion Ratio Lower Upper

93 100

95 84.3 67.4 101.0

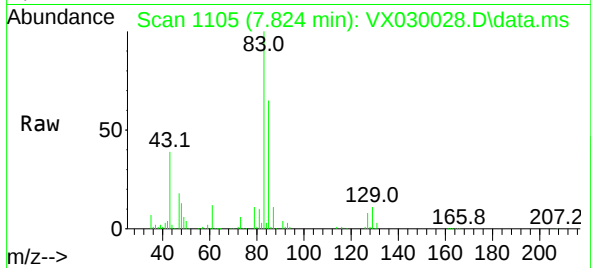
174 98.2 75.6 113.4





#47
Bromodichloromethane
Concen: 54.280 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

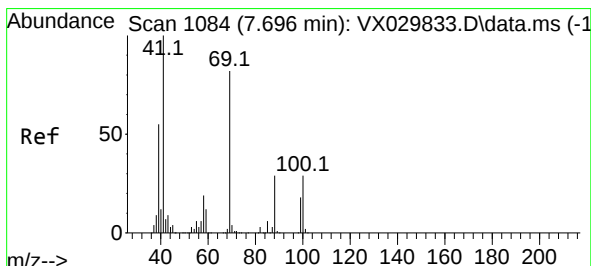
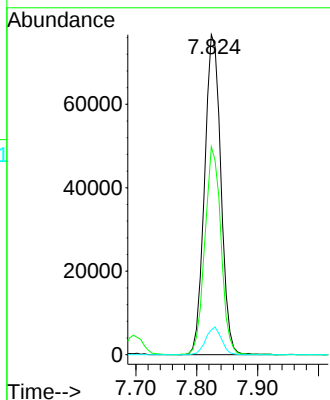
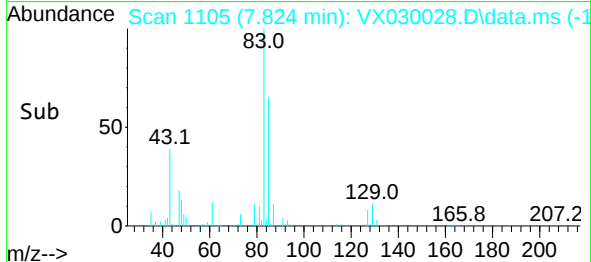
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion: 83 Resp: 142489
Ion Ratio Lower Upper
83 100
85 65.0 53.5 80.3
127 7.7 6.6 10.0

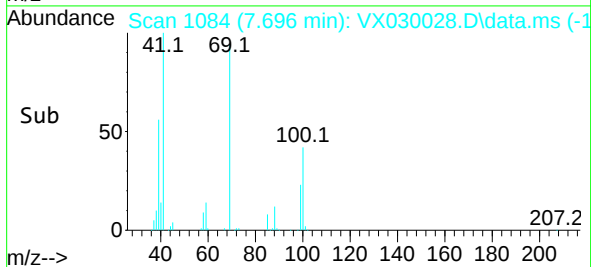
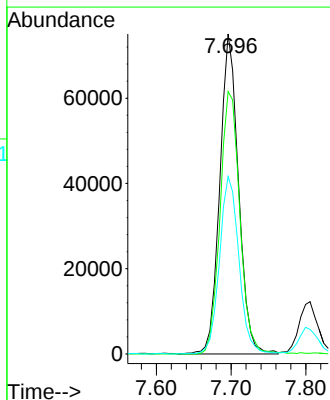
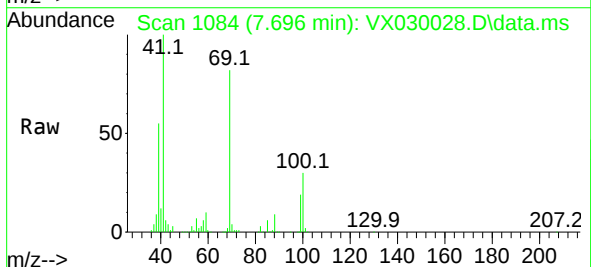
Manual Integrations
APPROVED

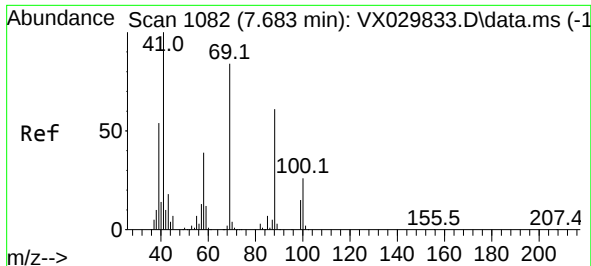
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#48
Methyl methacrylate
Concen: 57.136 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

Tgt Ion: 41 Resp: 130877
Ion Ratio Lower Upper
41 100
69 86.8 68.8 103.2
39 57.8 44.6 66.8





#49

1,4-Dioxane

Concen: 1078.908 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.012 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 88 Resp: 64208

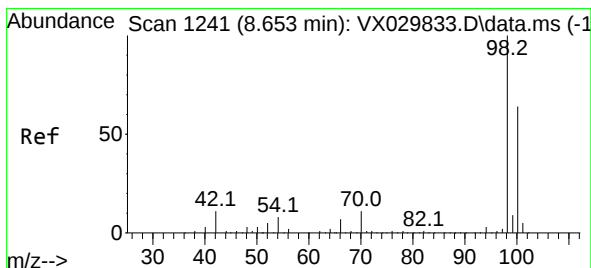
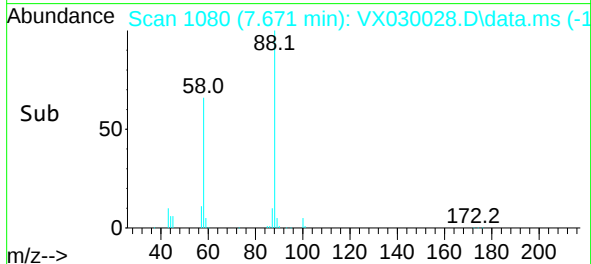
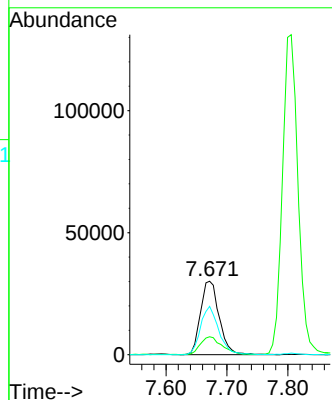
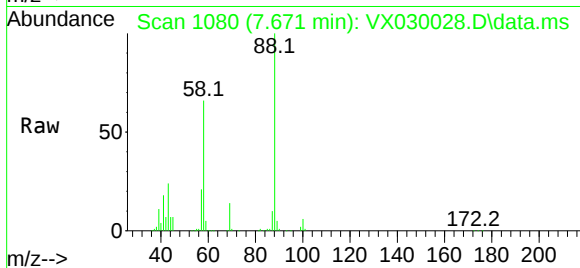
Ion	Ratio	Lower	Upper
88	100		
43	28.4	23.8	35.8
58	64.0	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#50

Toluene-d8

Concen: 50.019 ug/l

RT: 8.653 min Scan# 1241

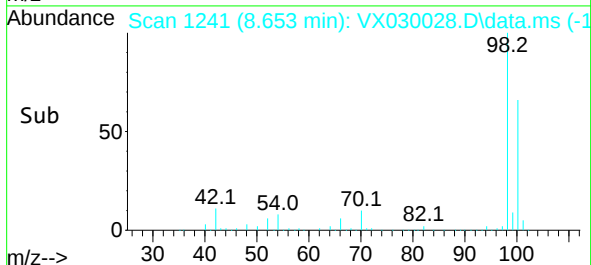
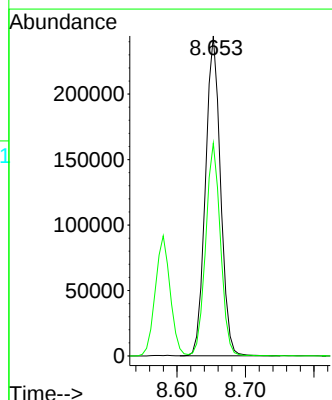
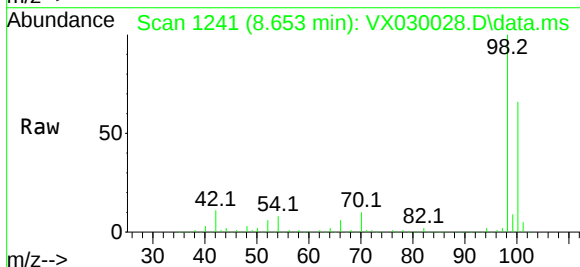
Delta R.T. 0.000 min

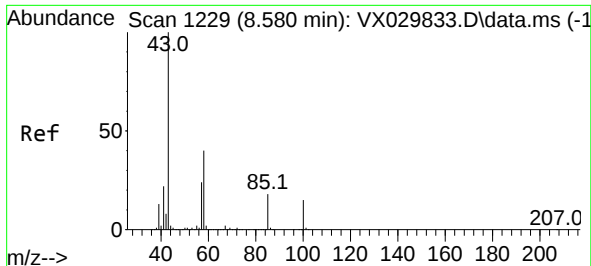
Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Tgt Ion: 98 Resp: 374180

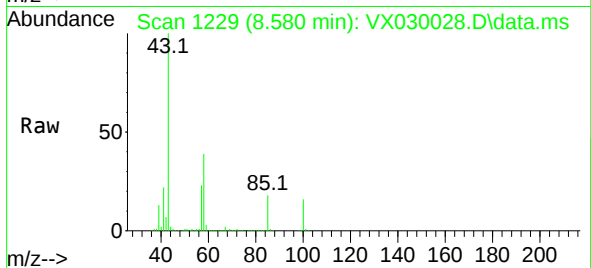
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 278.714 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

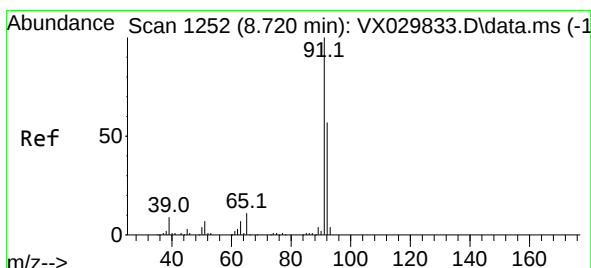
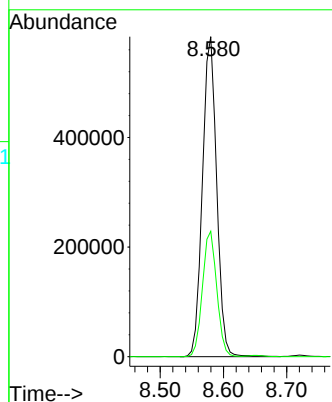
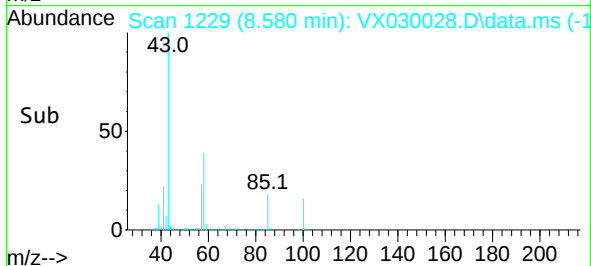
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion: 43 Resp: 91560
Ion Ratio Lower Upper
43 100
58 39.4 31.4 47.2

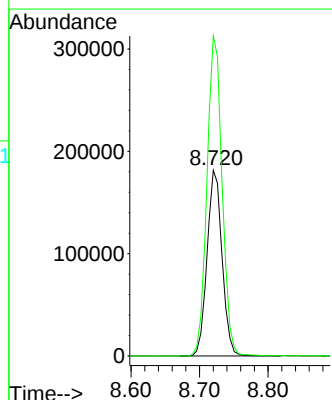
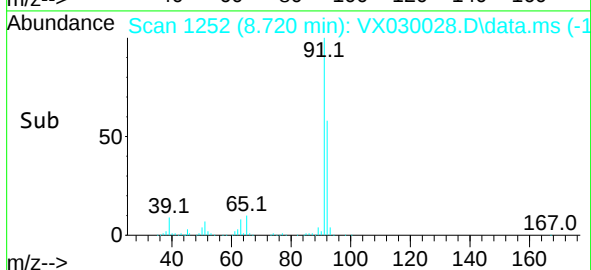
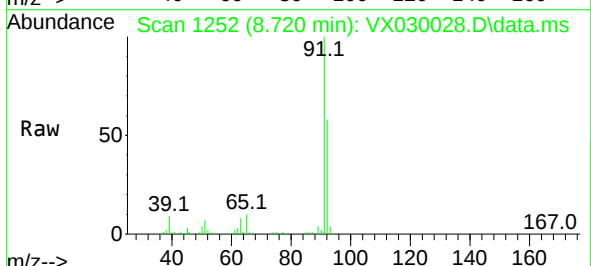
Manual Integrations
APPROVED

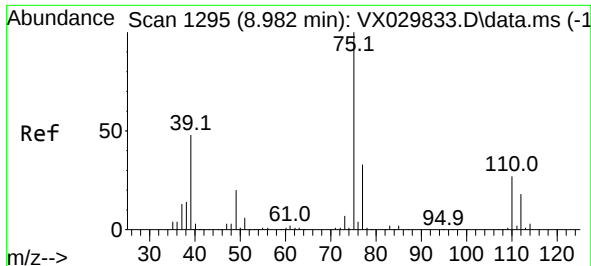
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#52
Toluene
Concen: 53.739 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

Tgt Ion: 92 Resp: 275955
Ion Ratio Lower Upper
92 100
91 174.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 55.794 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 75 Resp: 15213

Ion Ratio Lower Upper

75 100

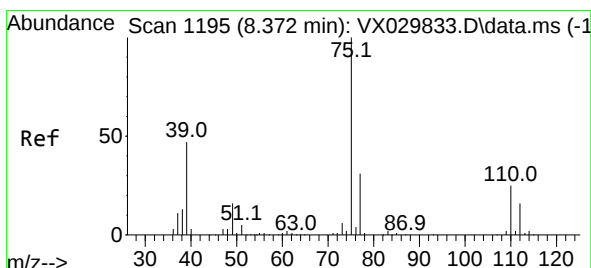
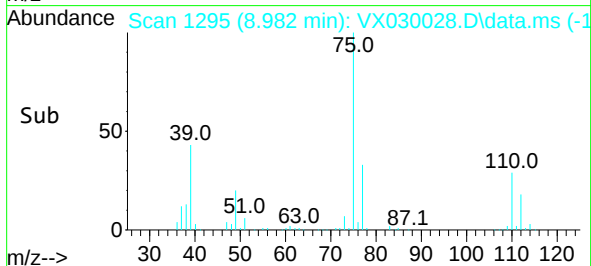
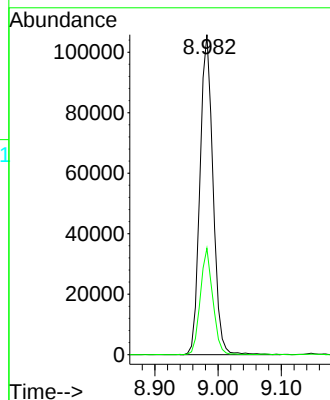
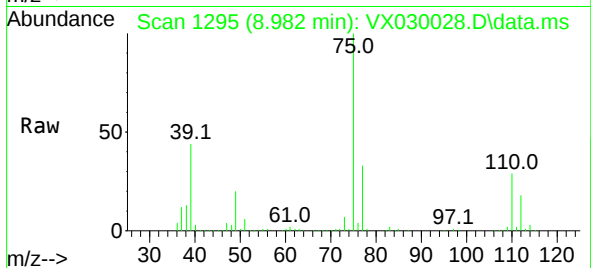
77 33.2 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#54

cis-1,3-Dichloropropene

Concen: 54.135 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.001 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

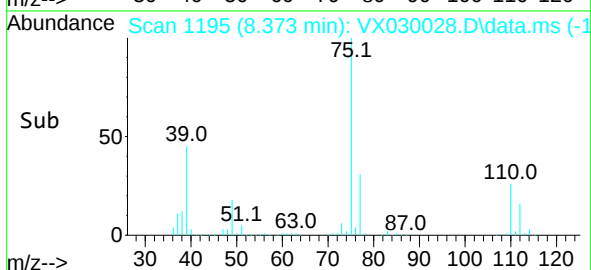
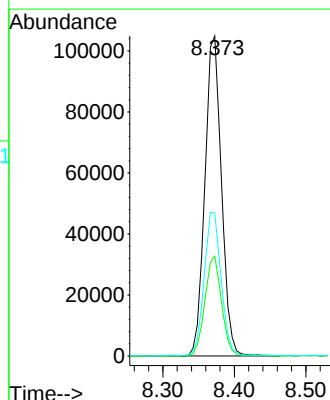
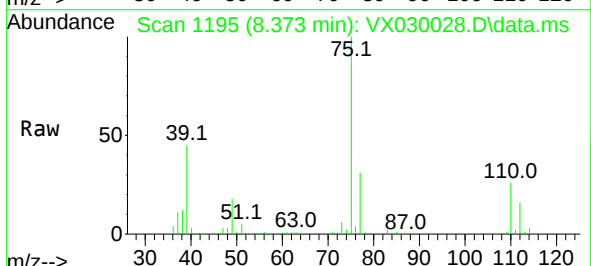
Tgt Ion: 75 Resp: 169105

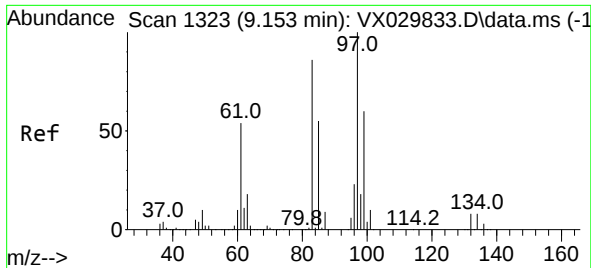
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

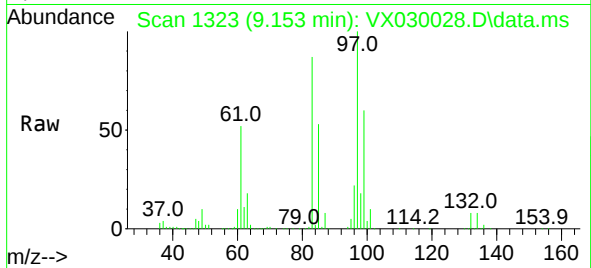
39 44.5 37.5 56.3





#55
1,1,2-Trichloroethane
Concen: 54.680 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

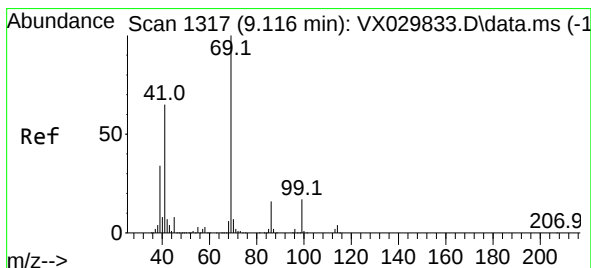
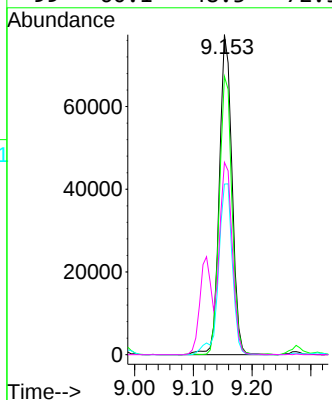
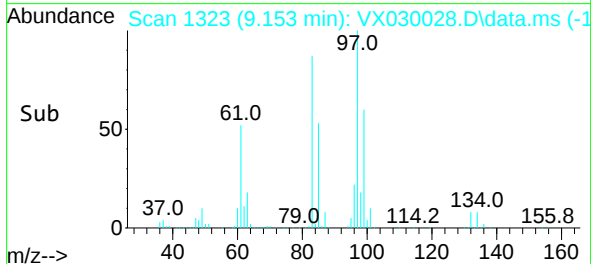
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



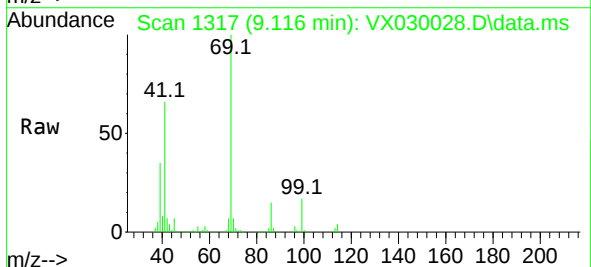
Tgt Ion: 97 Resp: 11579
Ion Ratio Lower Upper
97 100
83 87.0 68.9 103.3
85 53.3 44.0 66.0
99 60.1 48.3 72.5

Manual Integrations
APPROVED

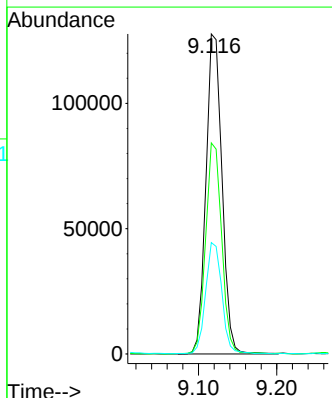
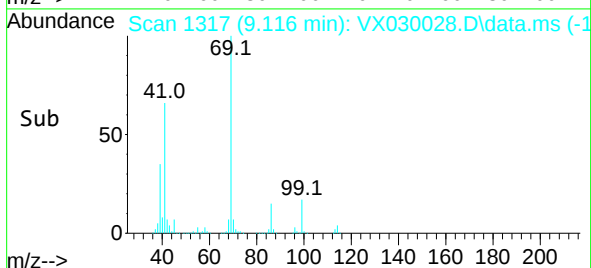
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

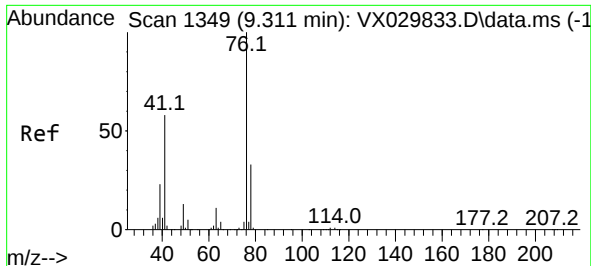


#56
Ethyl methacrylate
Concen: 57.100 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38



Tgt Ion: 69 Resp: 181795
Ion Ratio Lower Upper
69 100
41 66.2 52.3 78.5
39 35.1 28.2 42.4





#57

1,3-Dichloropropane

Concen: 54.846 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion: 76 Resp: 18449

Ion Ratio Lower Upper

76 100

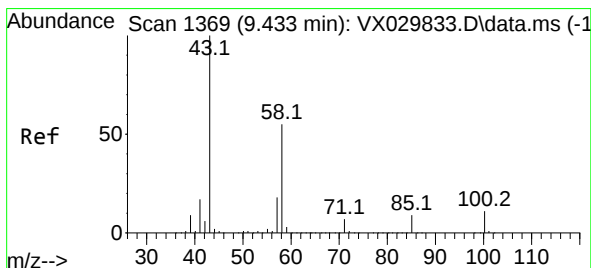
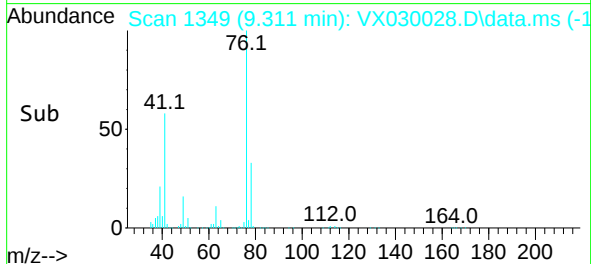
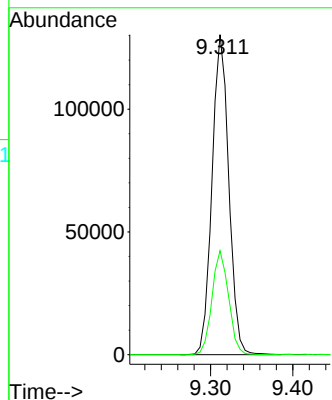
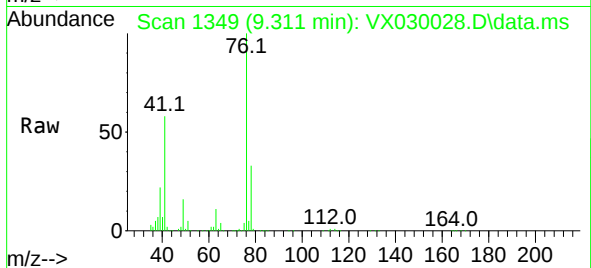
78 32.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#59

2-Hexanone

Concen: 283.922 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030028.D

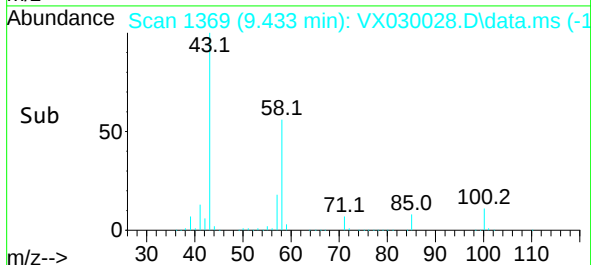
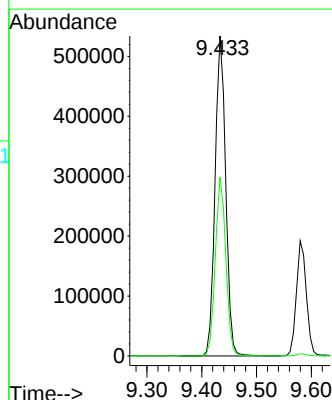
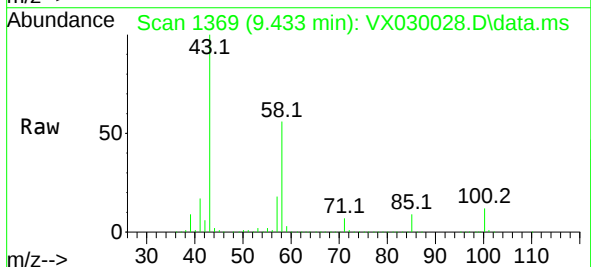
Acq: 12 Jul 2022 18:38

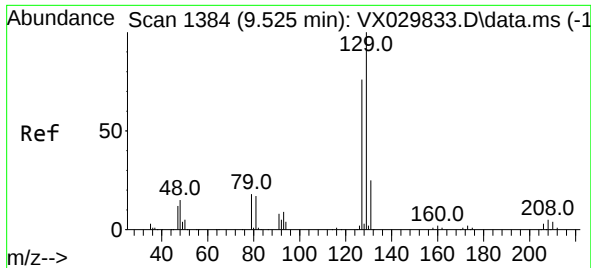
Tgt Ion: 43 Resp: 715263

Ion Ratio Lower Upper

43 100

58 55.6 27.6 82.8





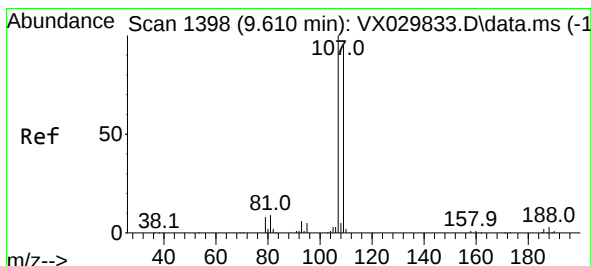
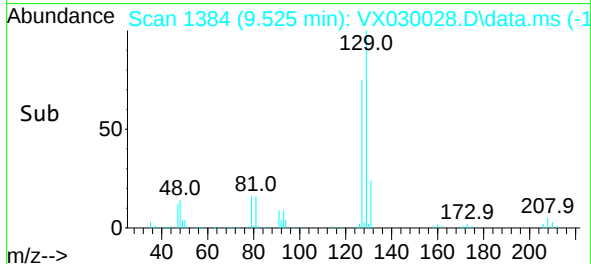
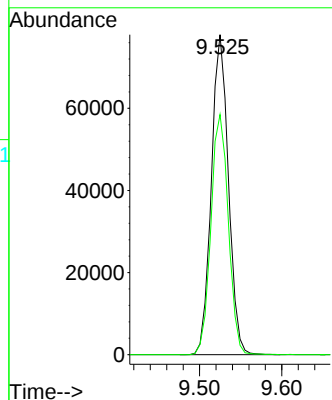
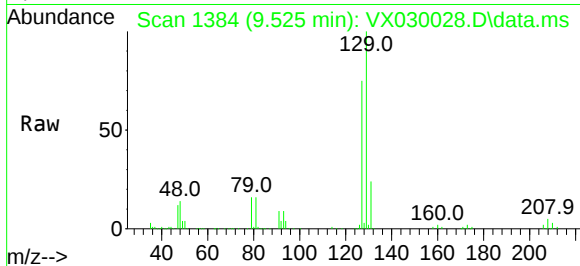
#60
Dibromochloromethane
Concen: 54.447 ug/l
RT: 9.525 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

Instrument :
MSVOA_X
ClientSampleId :
MW-05MS

Tgt Ion:129 Resp: 112320
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

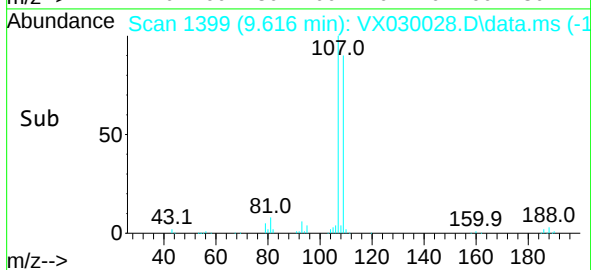
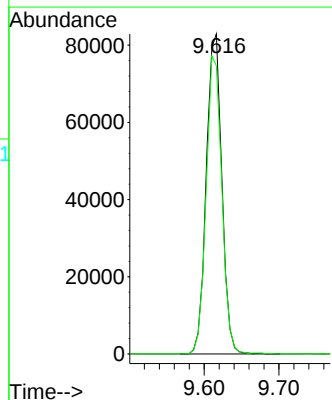
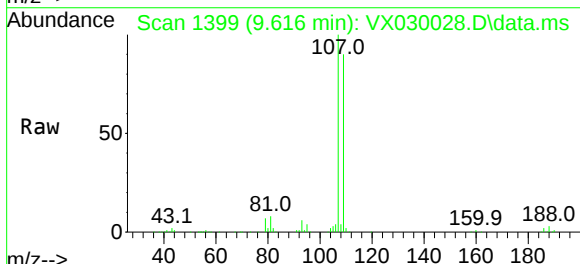
Manual Integrations
APPROVED

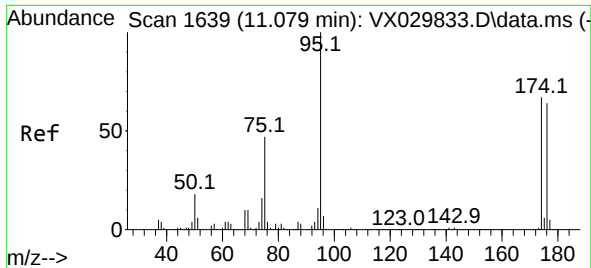
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#61
1,2-Dibromoethane
Concen: 54.269 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

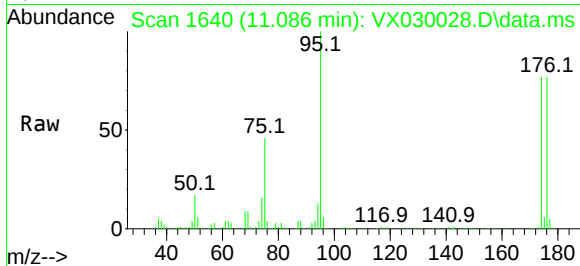
Tgt Ion:107 Resp: 119606
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8





#62
4-Bromofluorobenzene
Concen: 51.478 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

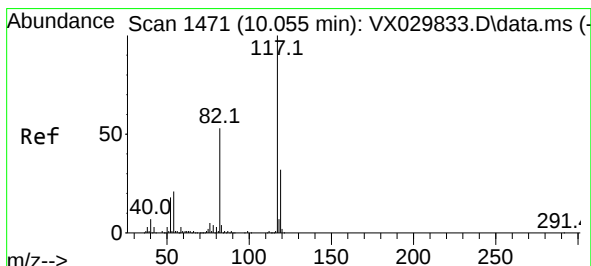
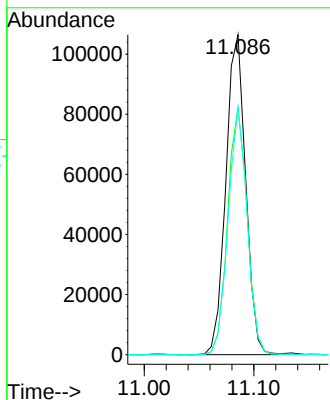
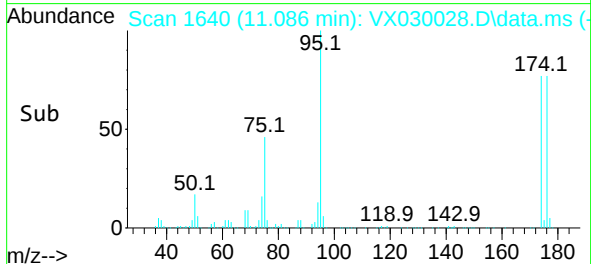
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



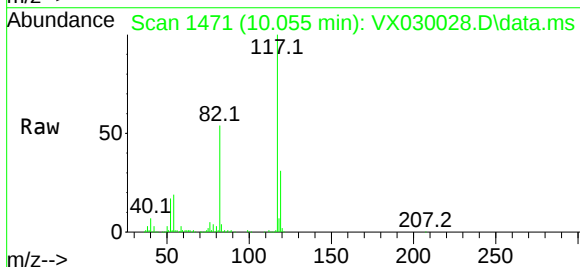
Tgt Ion: 95 Resp: 133640
Ion Ratio Lower Upper
95 100
174 76.1 0.0 149.0
176 74.1 0.0 146.0

Manual Integrations
APPROVED

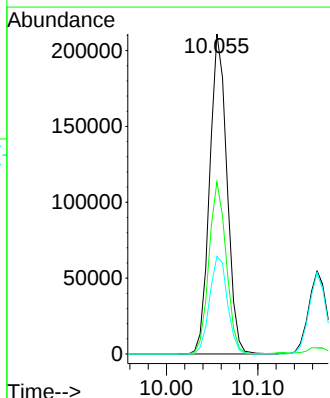
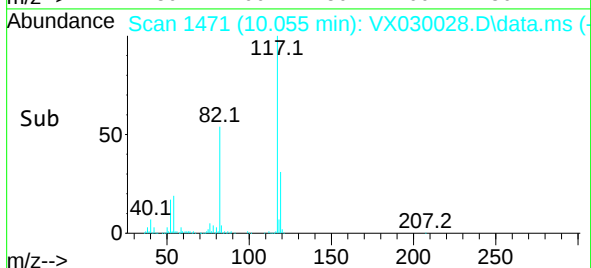
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

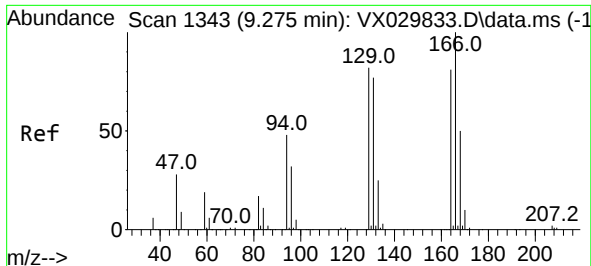


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38



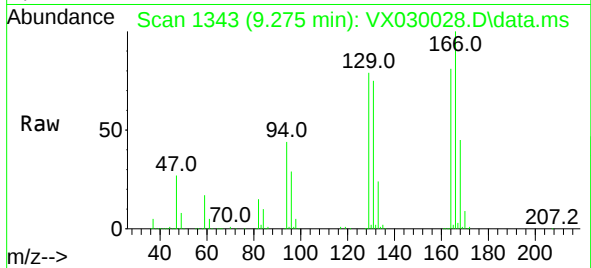
Tgt Ion:117 Resp: 277421
Ion Ratio Lower Upper
117 100
82 53.8 42.7 64.1
119 30.5 25.4 38.2





#64
Tetrachloroethene
Concen: 50.602 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

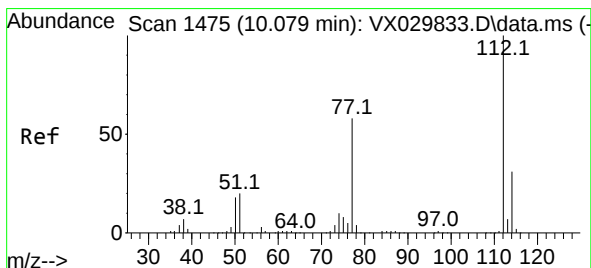
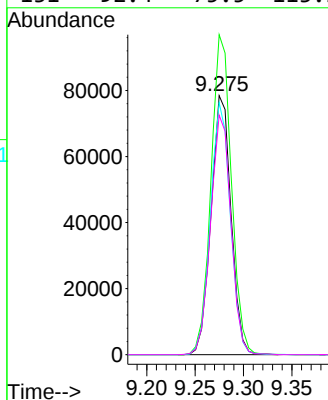
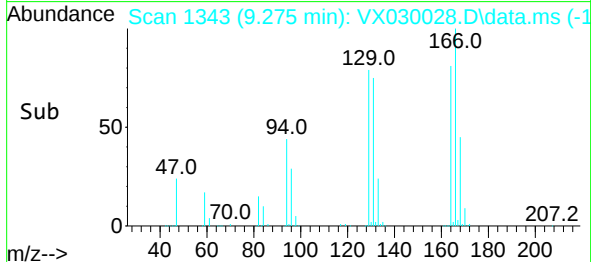
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion:164 Resp: 112689
Ion Ratio Lower Upper
164 100
166 123.5 98.2 147.4
129 97.3 80.8 121.2
131 92.4 75.5 113.3

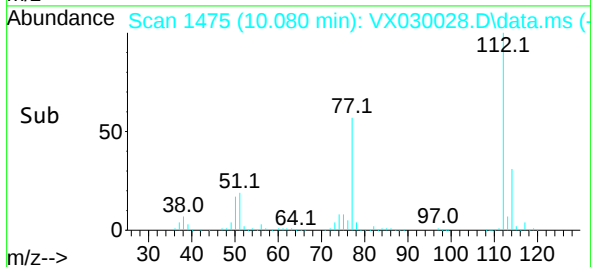
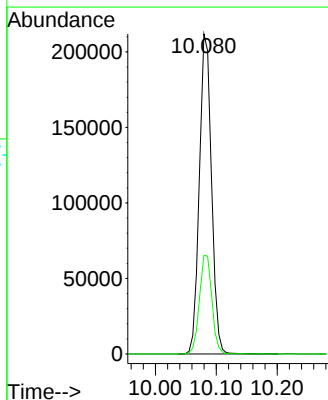
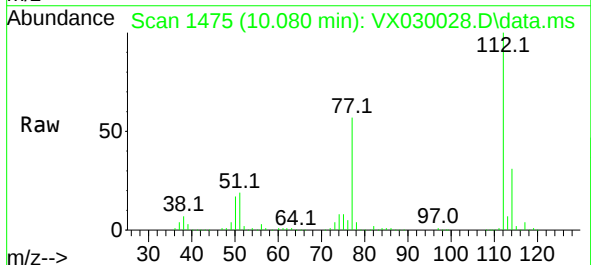
Manual Integrations
APPROVED

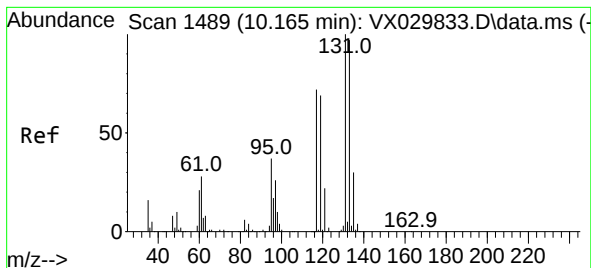
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#65
Chlorobenzene
Concen: 53.151 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

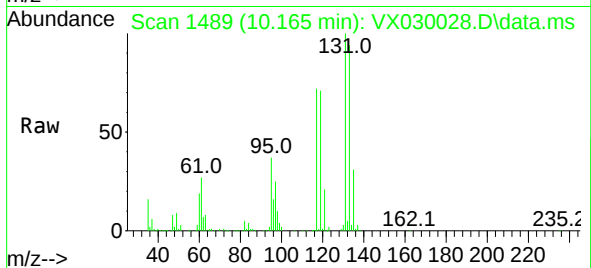
Tgt Ion:112 Resp: 293617
Ion Ratio Lower Upper
112 100
114 30.9 24.6 36.8





#66
1,1,1,2-Tetrachloroethane
Concen: 54.393 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

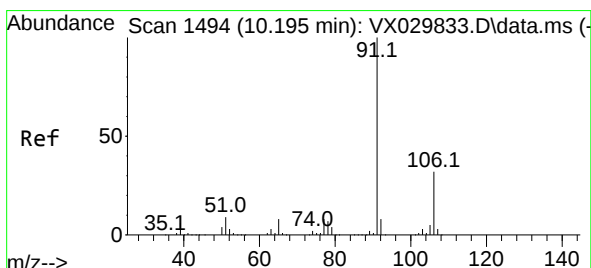
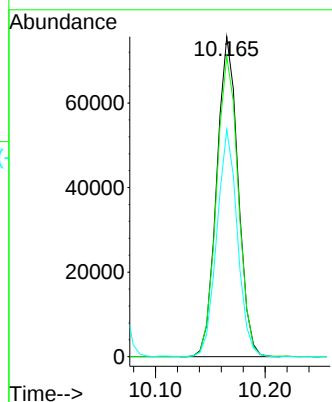
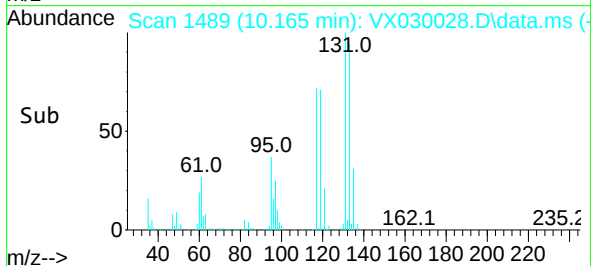
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



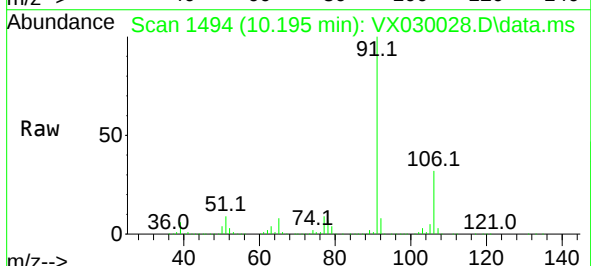
Tgt Ion:131 Resp: 102438
Ion Ratio Lower Upper
131 100
133 95.4 46.9 140.8
119 68.2 34.4 103.1

Manual Integrations
APPROVED

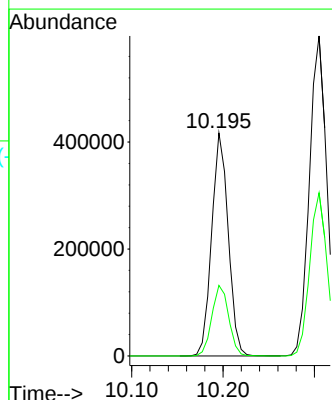
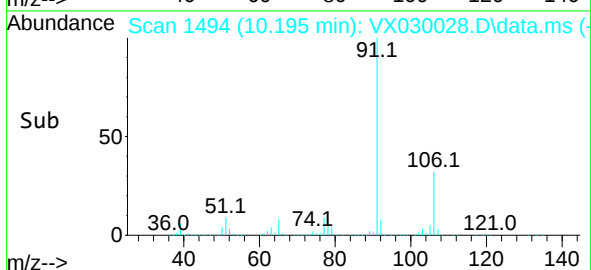
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

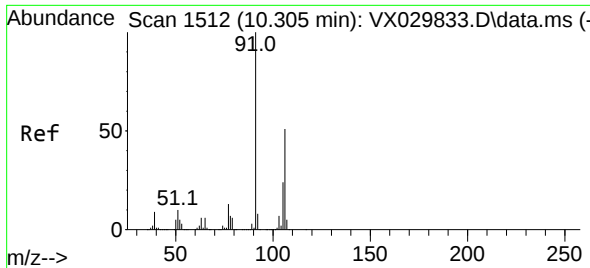


#67
Ethyl Benzene
Concen: 56.006 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38



Tgt Ion: 91 Resp: 524370
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3





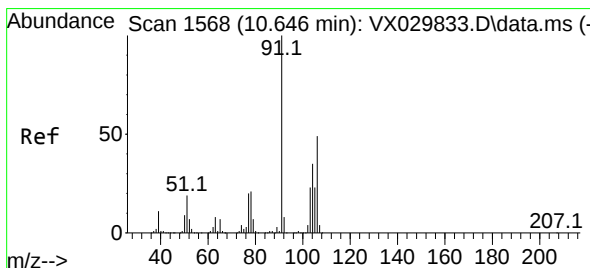
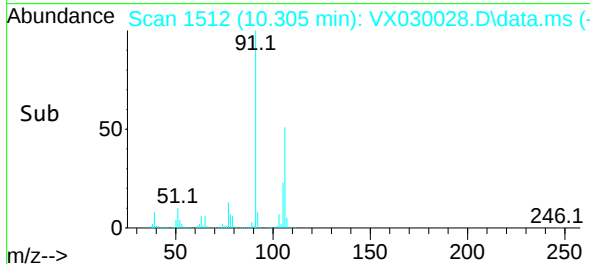
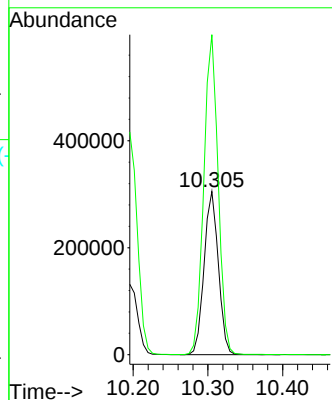
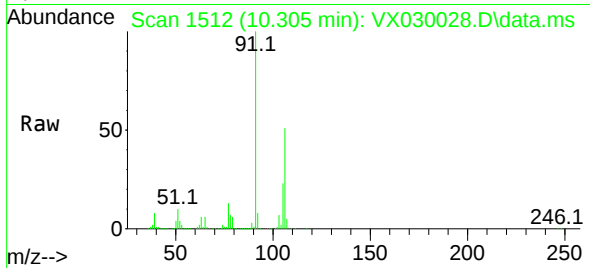
#68
m/p-Xylenes
Concen: 109.927 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

Instrument :
MSVOA_X
ClientSampleId :
MW-05MS

Tgt Ion:106 Resp: 403672
Ion Ratio Lower Upper
106 100
91 196.8 158.2 237.4

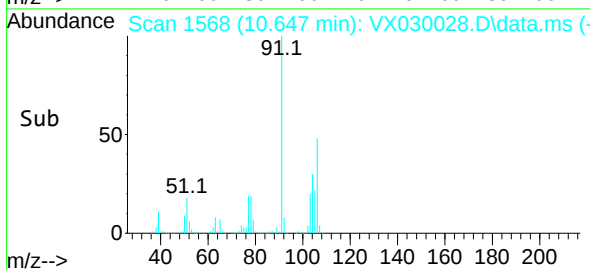
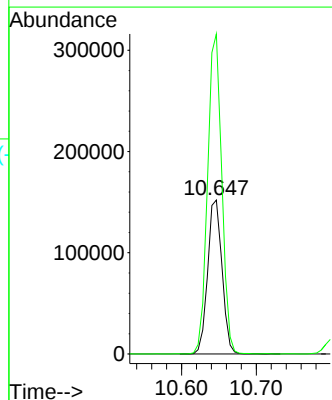
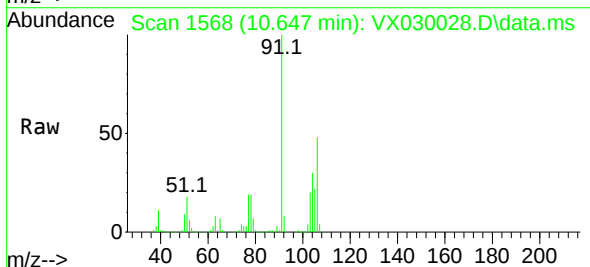
Manual Integrations
APPROVED

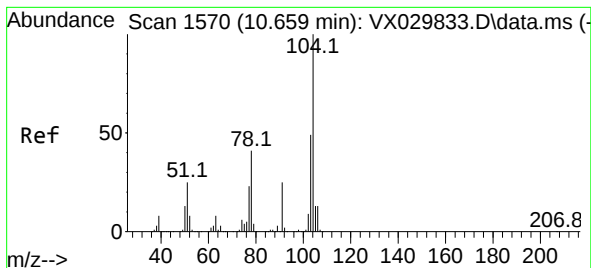
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#69
o-Xylene
Concen: 55.163 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

Tgt Ion:106 Resp: 202829
Ion Ratio Lower Upper
106 100
91 205.1 103.8 311.6





#70

Styrene

Concen: 55.464 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

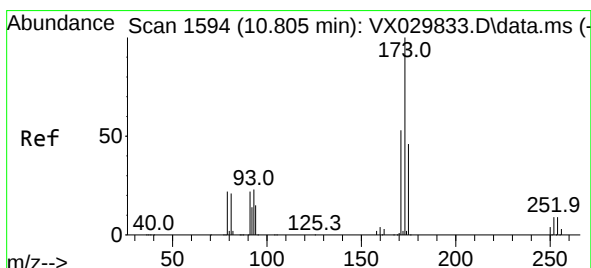
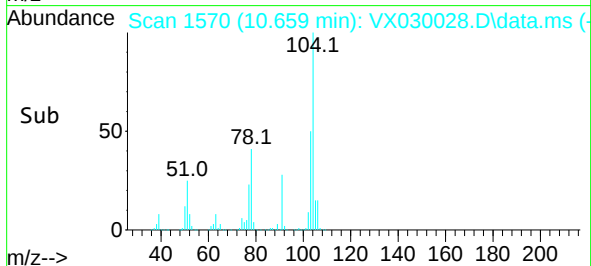
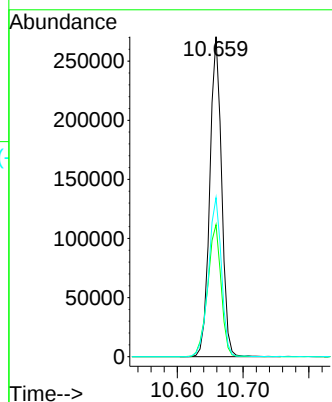
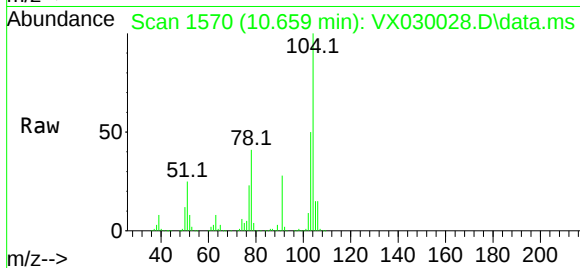
Tgt Ion:104 Resp: 33848
 Ion Ratio Lower Upper
 104 100
 78 46.9 37.8 56.8
 103 54.7 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#71

Bromoform

Concen: 52.934 ug/l

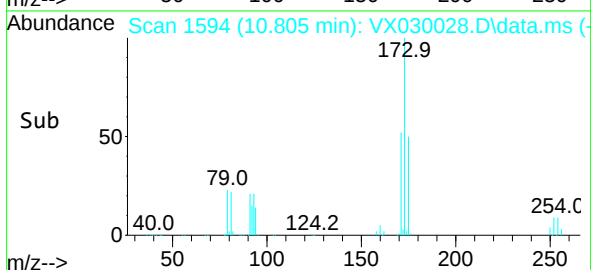
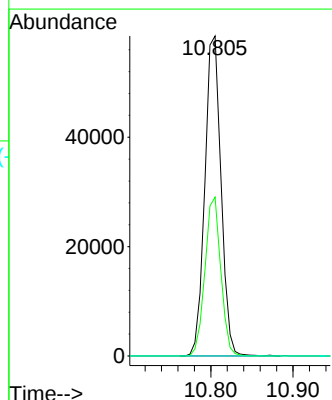
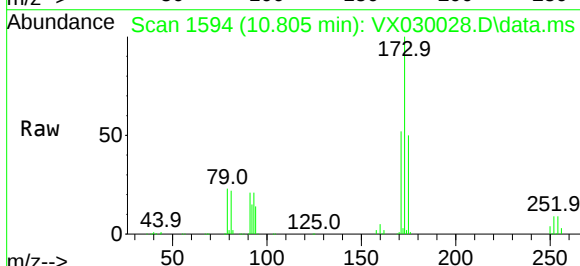
RT: 10.805 min Scan# 1594

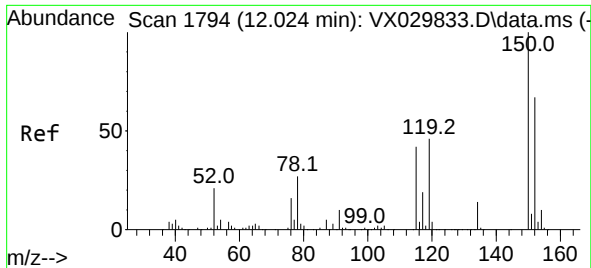
Delta R.T. 0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

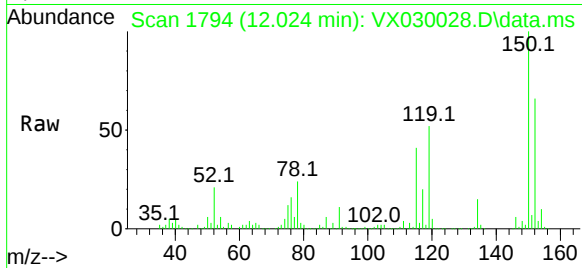
Tgt Ion:173 Resp: 80094
 Ion Ratio Lower Upper
 173 100
 175 48.4 23.8 71.2
 254 0.0 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

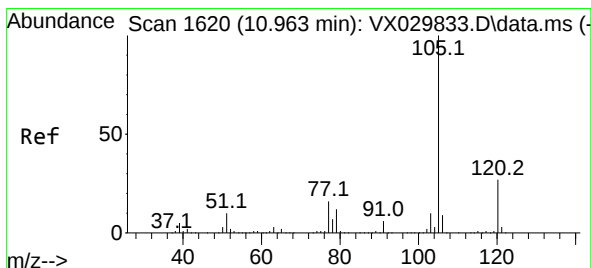
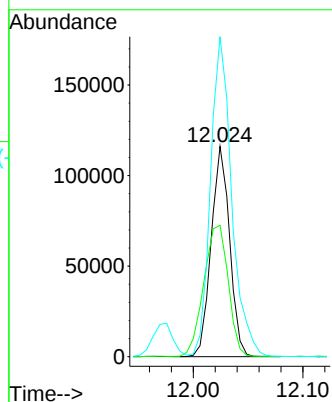
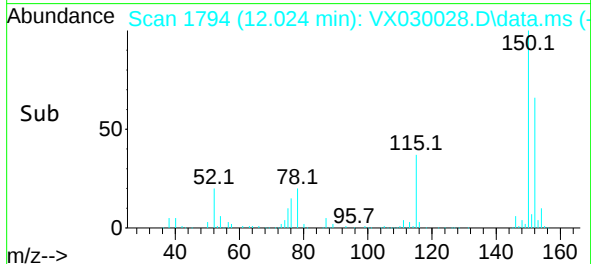
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



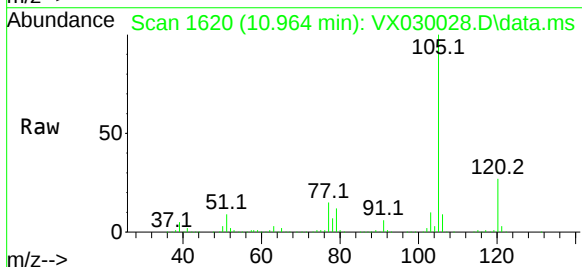
Tgt Ion:152 Resp: 13585
Ion Ratio Lower Upper
152 100
115 82.5 40.5 121.5
150 174.5 0.0 347.0

Manual Integrations
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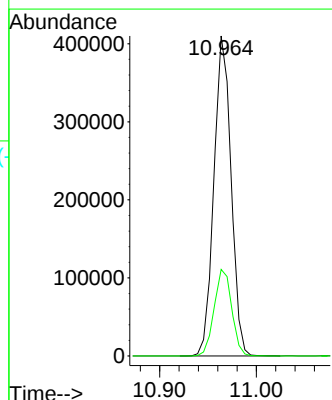
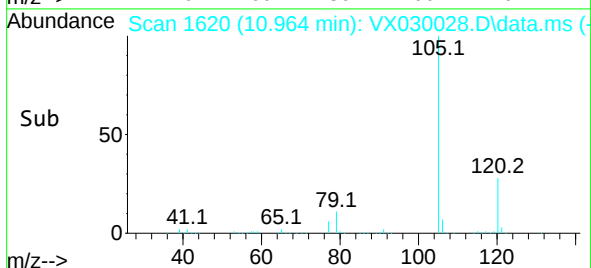
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

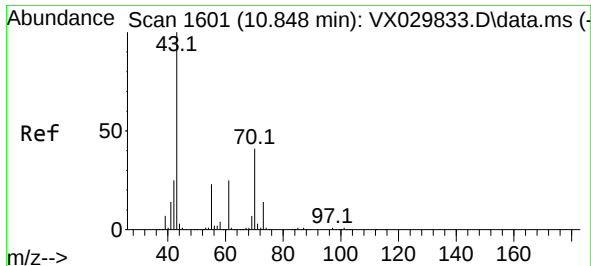


#73
Isopropylbenzene
Concen: 53.458 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38



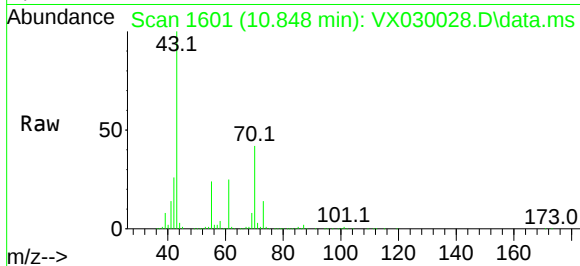
Tgt Ion:105 Resp: 505670
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.4





#74
N-amy1 acetate
Concen: 55.468 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

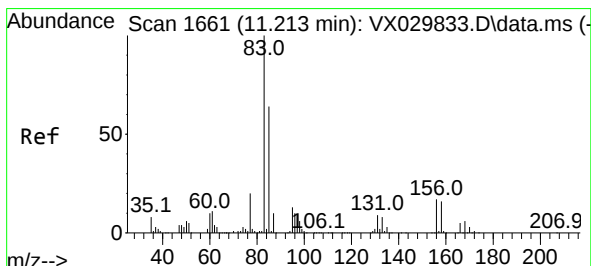
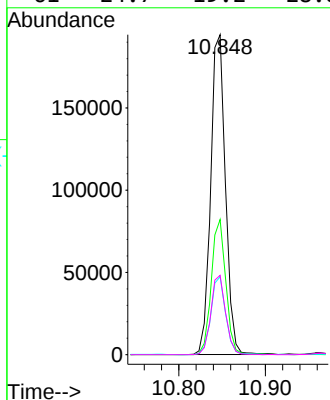
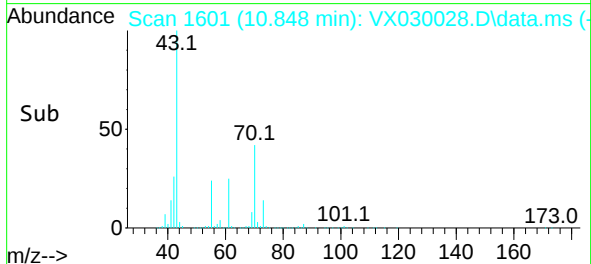
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion:	43	Resp:	23044
Ion	Ratio	Lower	Upper
43	100		
70	41.6	32.3	48.5
55	24.2	18.4	27.6
61	24.7	19.2	28.8

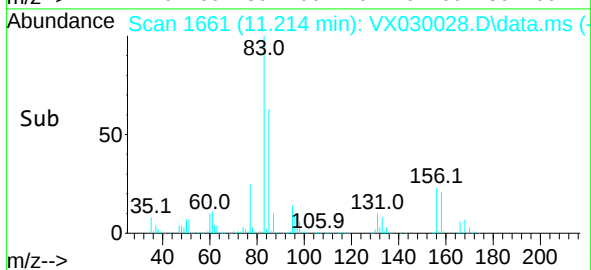
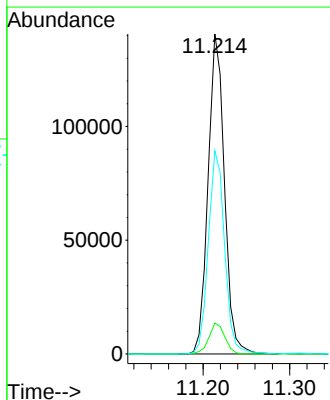
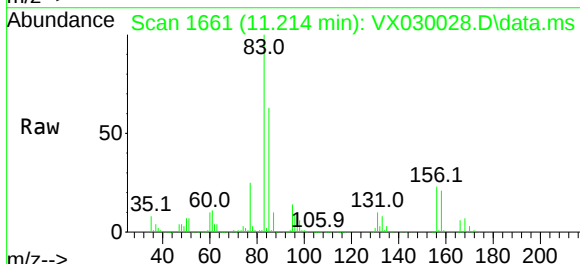
Manual Integrations
APPROVED

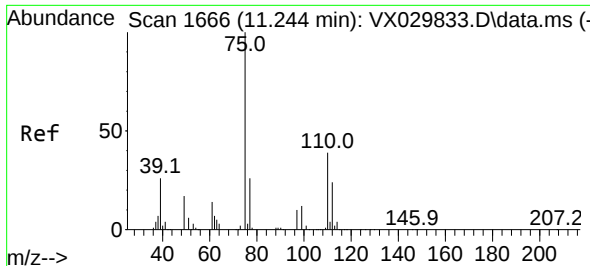
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#75
1,1,2,2-Tetrachloroethane
Concen: 54.032 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

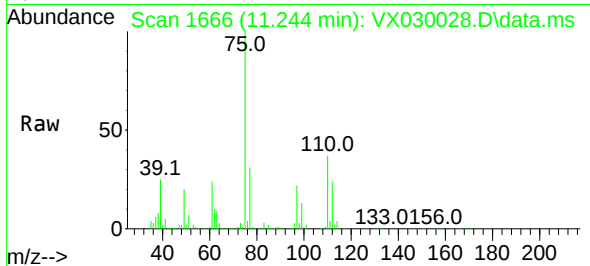
Tgt Ion:	83	Resp:	184396
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.5	13.7
85	63.4	32.5	97.5





#76
1,2,3-Trichloropropane
Concen: 52.565 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

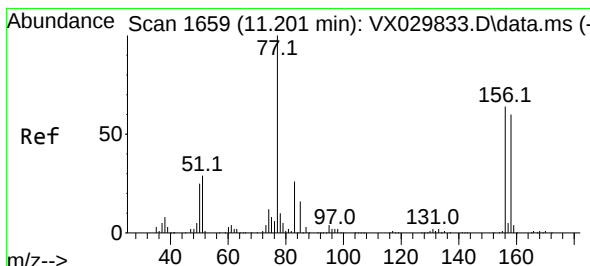
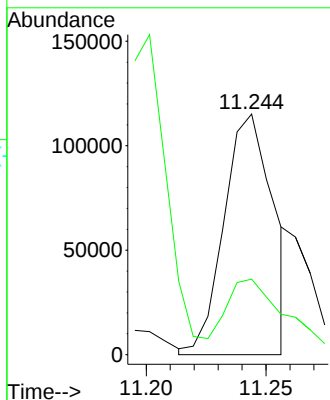
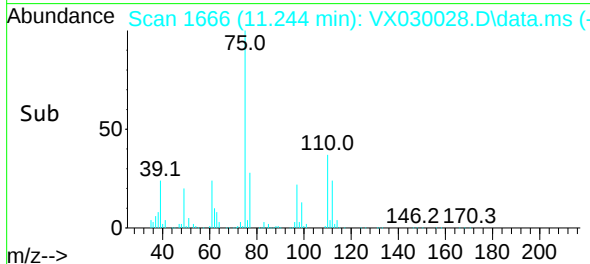
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



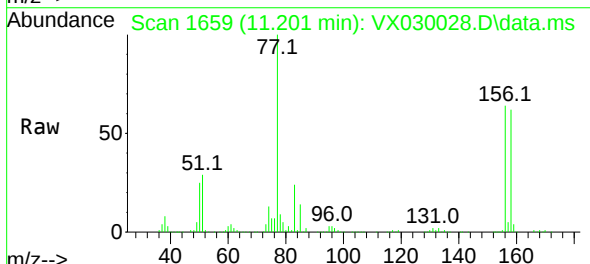
Tgt Ion: 75 Resp: 164188
Ion Ratio Lower Upper
75 100
77 38.7 19.8 59.3

Manual Integrations
APPROVED

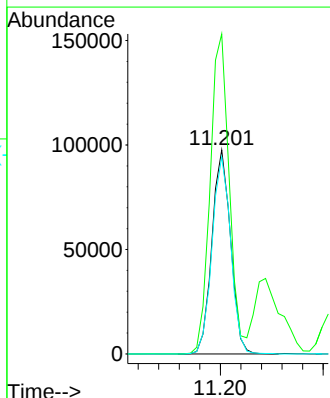
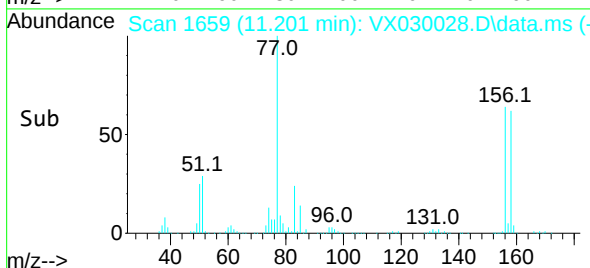
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

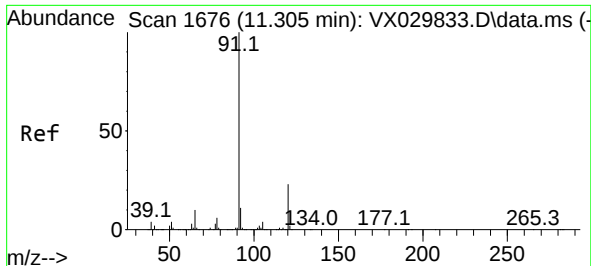


#77
Bromobenzene
Concen: 51.862 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38



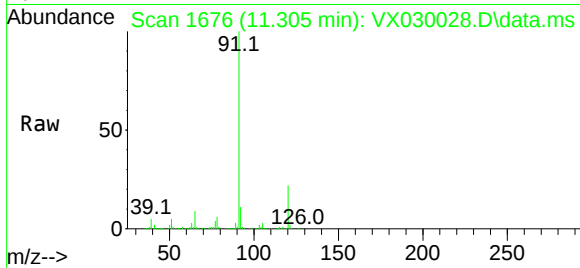
Tgt Ion:156 Resp: 122743
Ion Ratio Lower Upper
156 100
77 160.4 82.7 247.9
158 96.7 47.5 142.5





#78
n-propylbenzene
Concen: 54.189 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

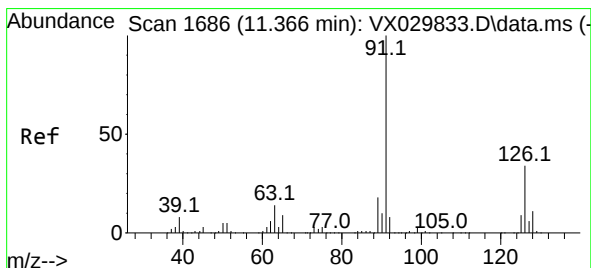
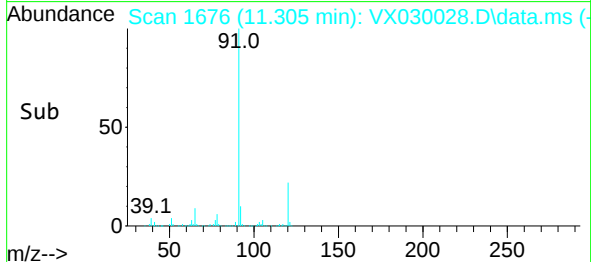
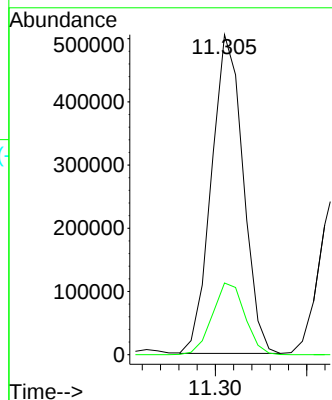
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



Tgt Ion: 91 Resp: 608112
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8

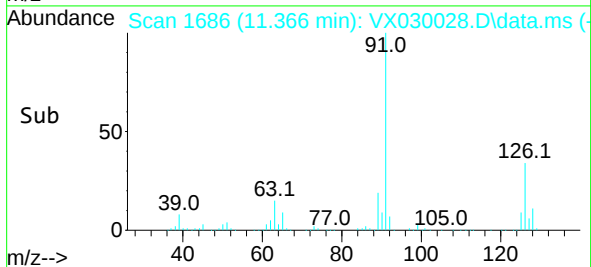
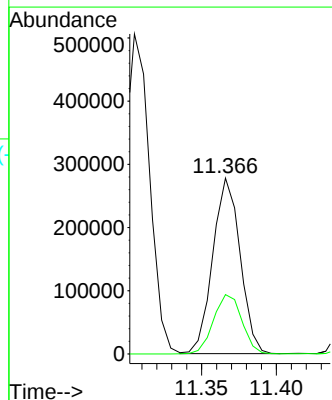
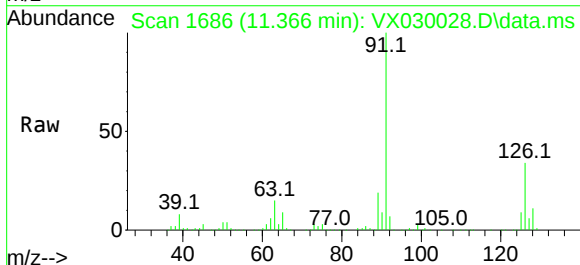
Manual Integrations
APPROVED

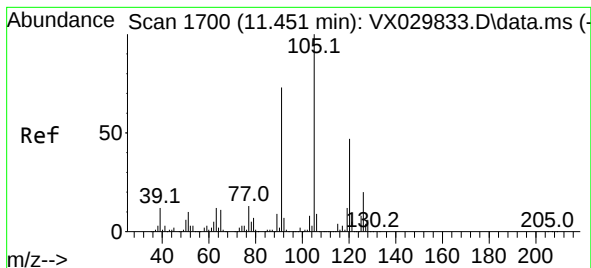
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#79
2-Chlorotoluene
Concen: 52.648 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

Tgt Ion: 91 Resp: 353879
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.3





#80

1,3,5-Trimethylbenzene

Concen: 53.123 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion:105 Resp: 42342

Ion Ratio Lower Upper

105 100

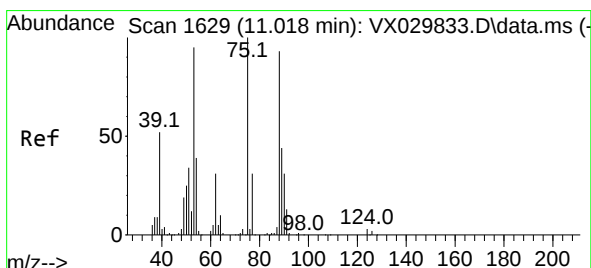
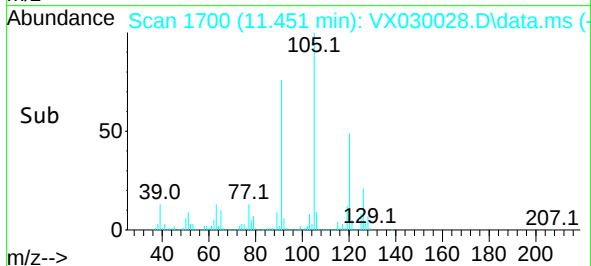
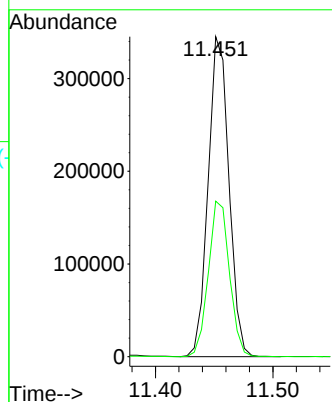
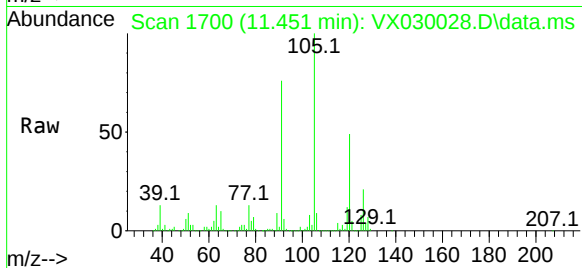
120 49.5 24.4 73.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#81

trans-1,4-Dichloro-2-butene

Concen: 51.597 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

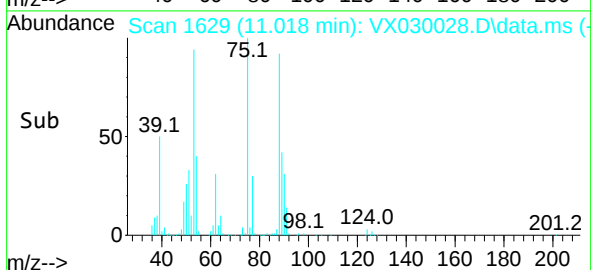
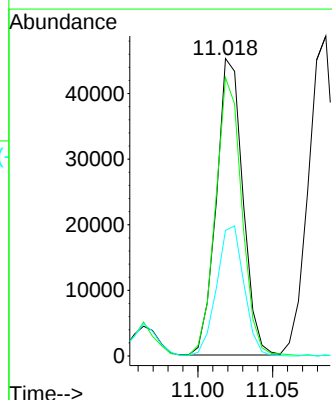
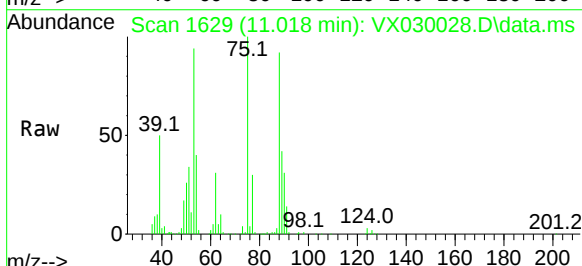
Tgt Ion: 75 Resp: 55844

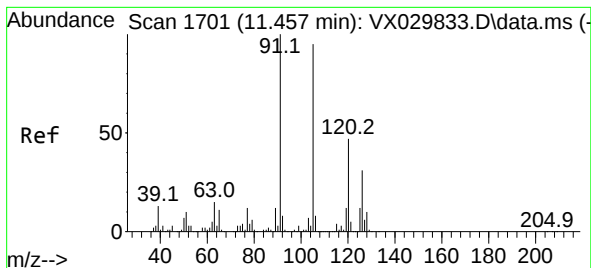
Ion Ratio Lower Upper

75 100

53 92.6 74.2 111.4

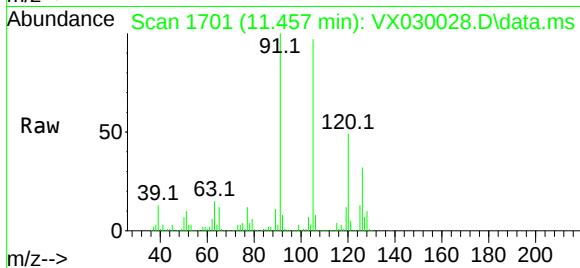
89 45.2 34.8 52.2





#82
4-Chlorotoluene
Concen: 53.317 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

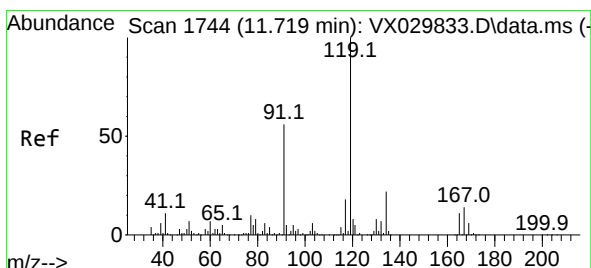
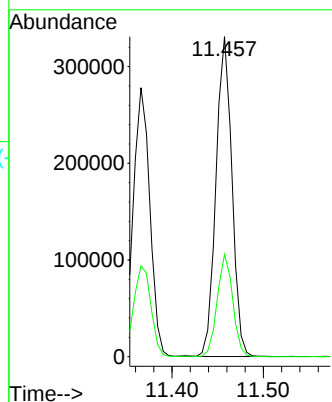
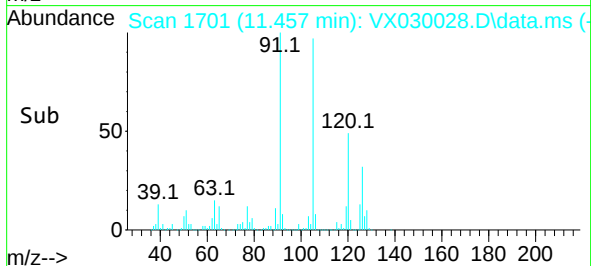
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



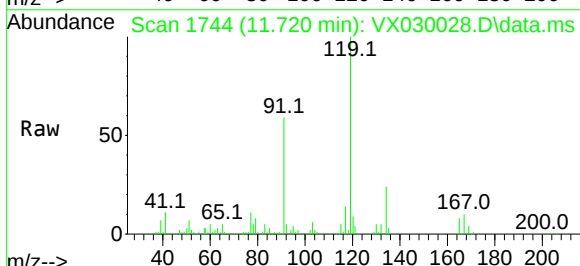
Tgt Ion: 91 Resp: 40152
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9

Manual Integrations
APPROVED

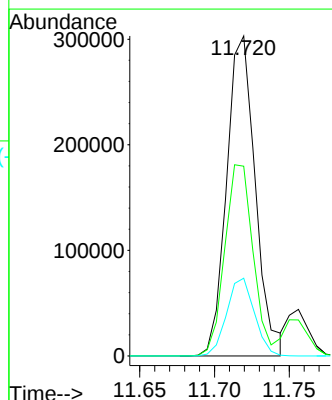
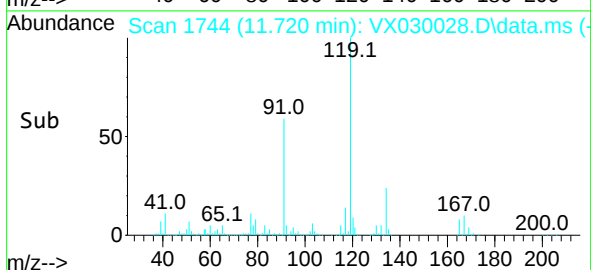
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

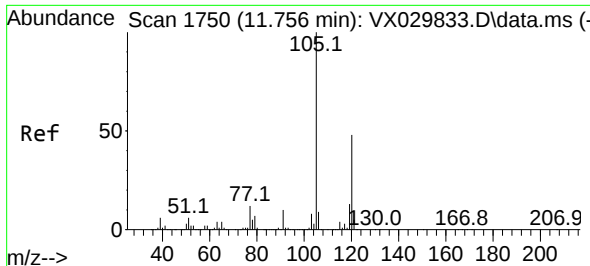


#83
tert-Butylbenzene
Concen: 53.005 ug/l
RT: 11.720 min Scan# 1744
Delta R.T. 0.001 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38



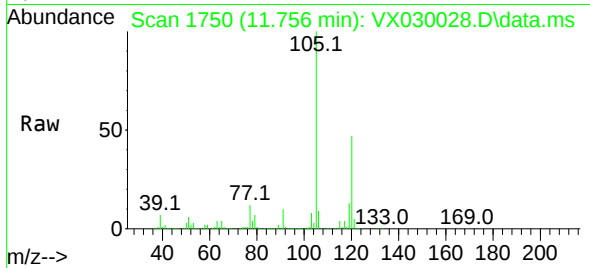
Tgt Ion:119 Resp: 405154
Ion Ratio Lower Upper
119 100
91 58.7 28.3 84.9
134 23.5 11.2 33.5





#84
1,2,4-Trimethylbenzene
Concen: 54.293 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

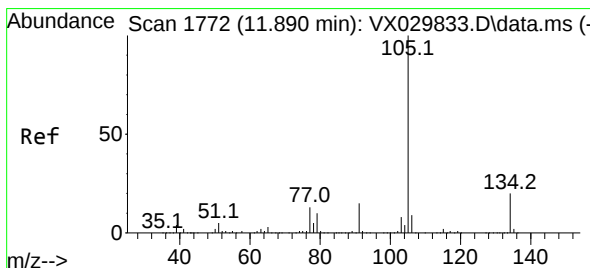
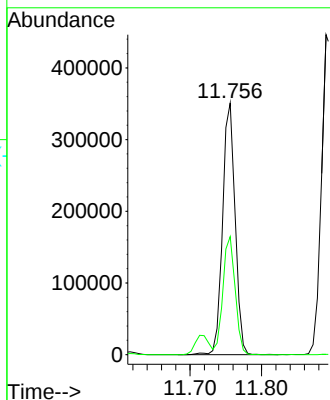
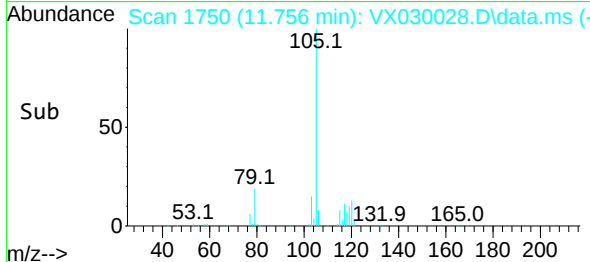
Instrument :
MSVOA_X
ClientSampleId :
MW-05MS



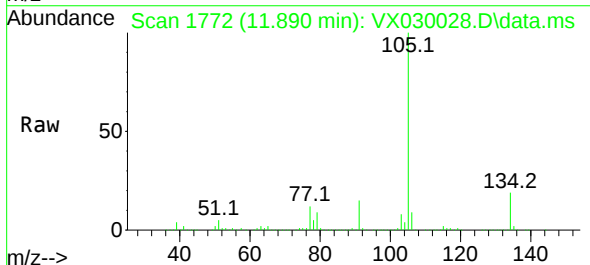
Tgt Ion:105 Resp: 42803
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.8

Manual Integrations
APPROVED

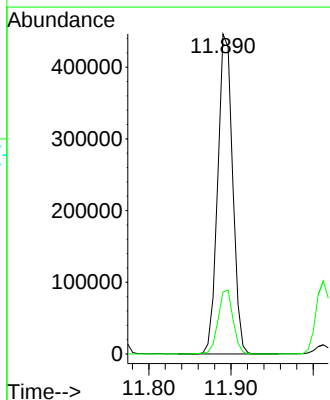
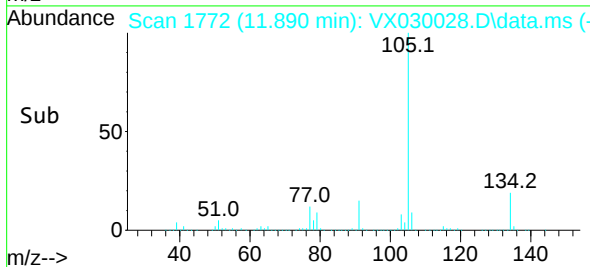
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

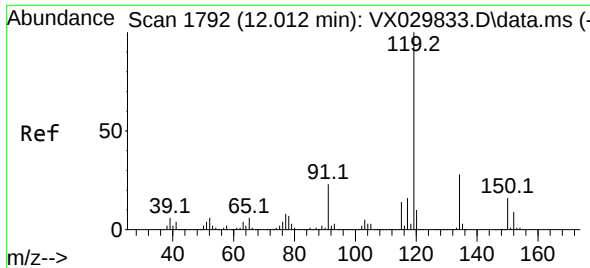


#85
sec-Butylbenzene
Concen: 55.616 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38



Tgt Ion:105 Resp: 562003
Ion Ratio Lower Upper
105 100
134 20.1 10.0 30.0





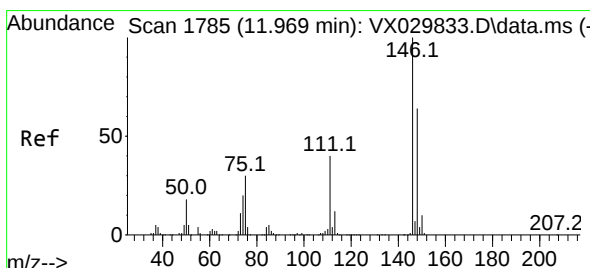
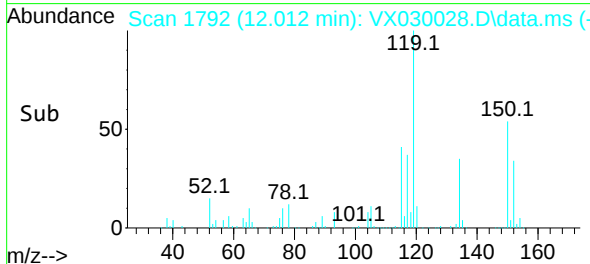
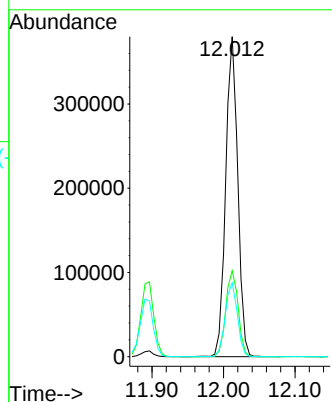
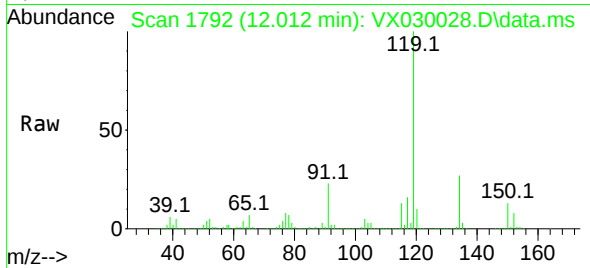
#86
p-Isopropyltoluene
Concen: 54.926 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

Instrument :
MSVOA_X
ClientSampleId :
MW-05MS

Tgt Ion:119 Resp: 445270
Ion Ratio Lower Upper
119 100
134 27.5 13.9 41.6
91 23.4 11.8 35.3

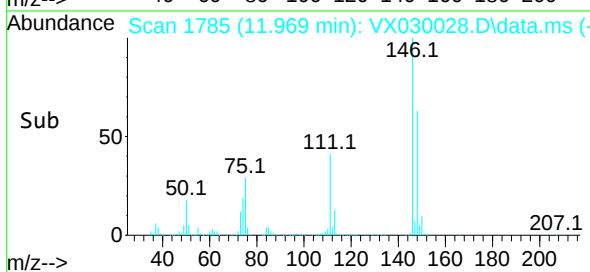
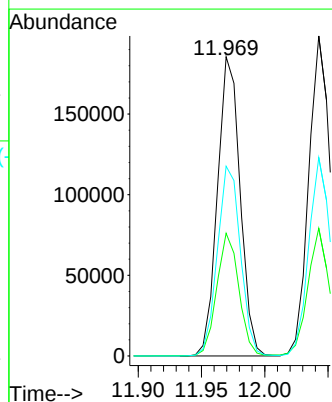
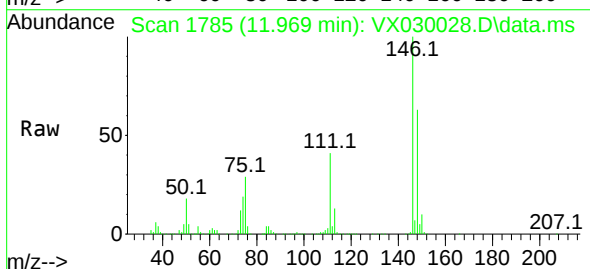
Manual Integrations
APPROVED

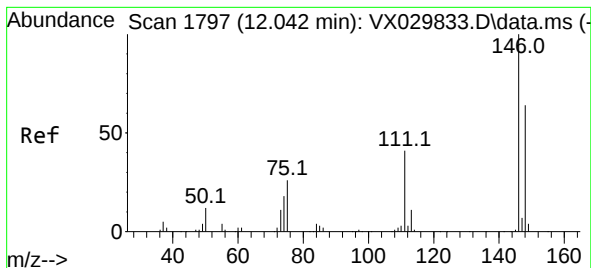
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#87
1,3-Dichlorobenzene
Concen: 52.796 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030028.D
Acq: 12 Jul 2022 18:38

Tgt Ion:146 Resp: 230876
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 64.6 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 53.034 ug/l

RT: 12.043 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion:146 Resp: 237990

Ion Ratio Lower Upper

146 100

111 38.8 20.3 60.9

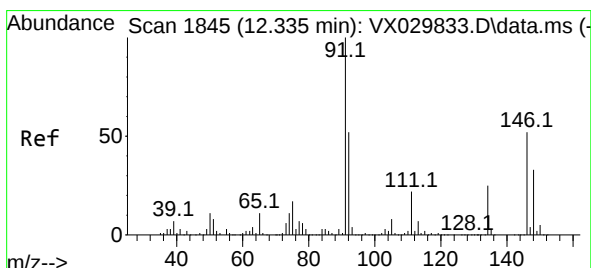
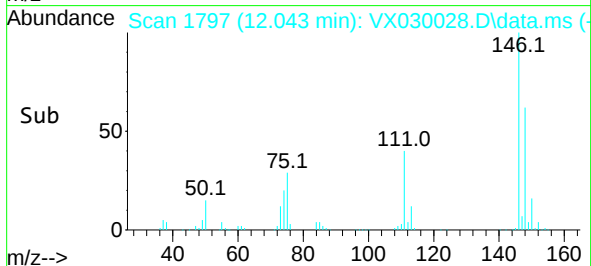
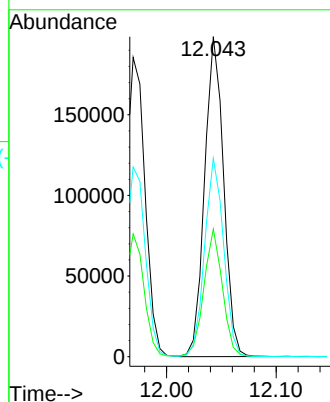
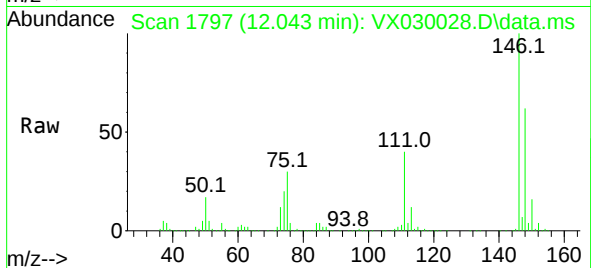
148 62.0 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#89

n-Butylbenzene

Concen: 58.401 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

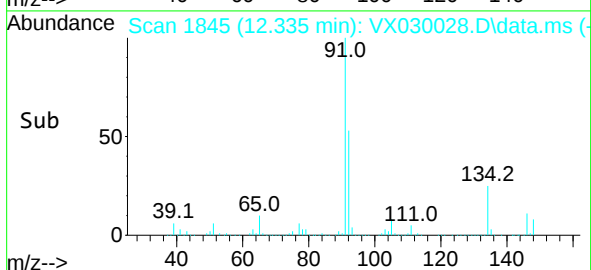
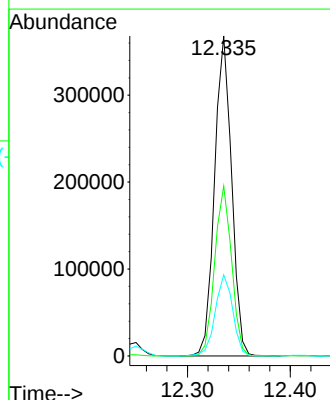
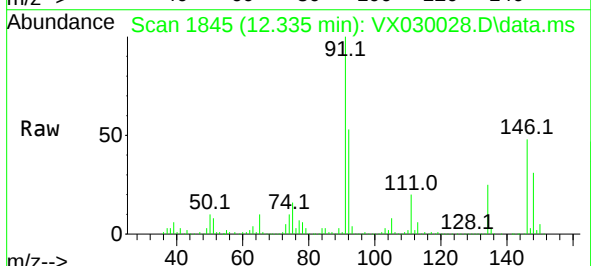
Tgt Ion: 91 Resp: 424195

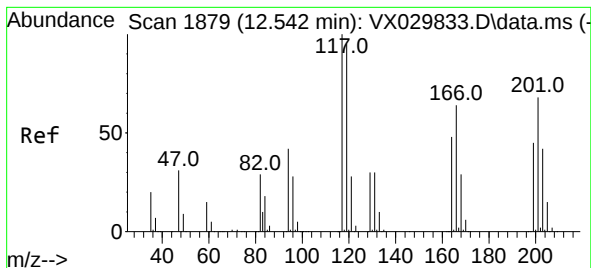
Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.5

134 26.1 12.6 37.8





#90

Hexachloroethane

Concen: 53.806 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.001 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

Tgt Ion:117 Resp: 7456

Ion Ratio Lower Upper

117 100

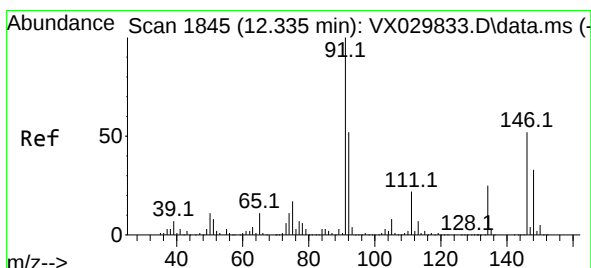
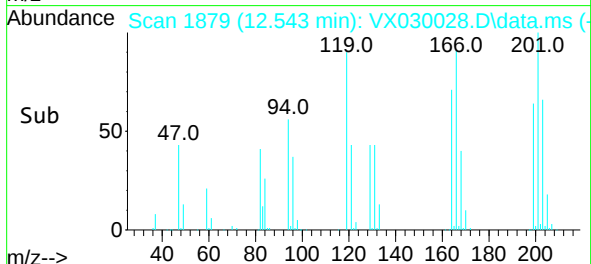
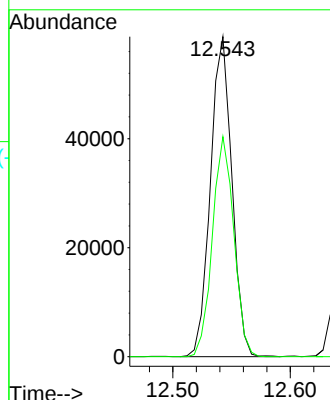
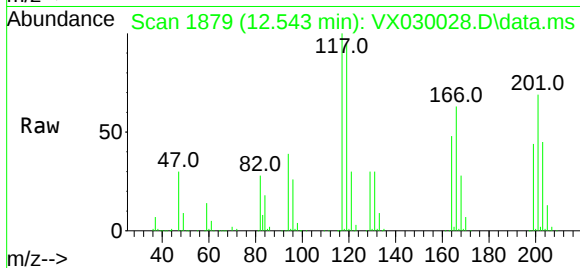
201 68.7 34.2 102.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#91

1,2-Dichlorobenzene

Concen: 52.486 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

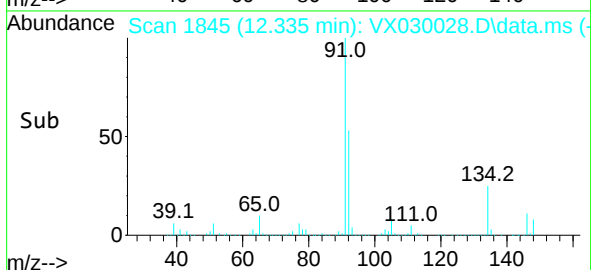
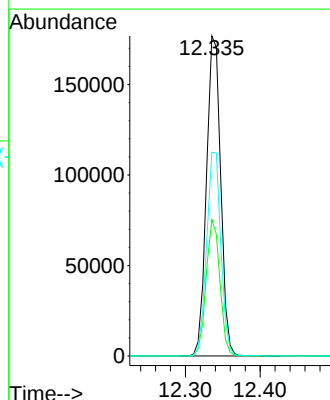
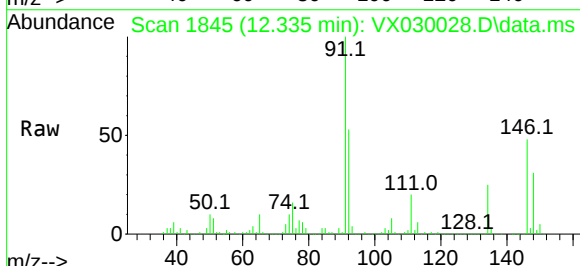
Tgt Ion:146 Resp: 233180

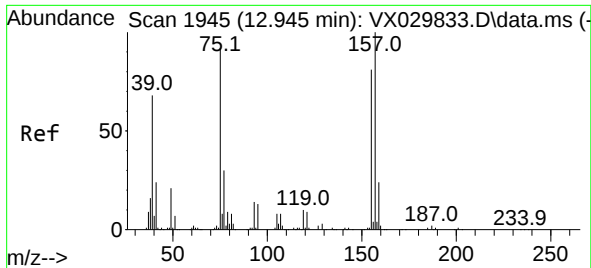
Ion Ratio Lower Upper

146 100

111 41.3 20.7 62.1

148 64.0 32.0 96.2





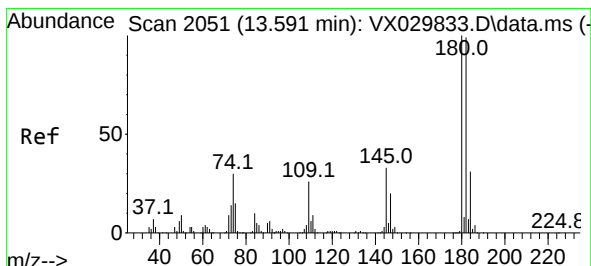
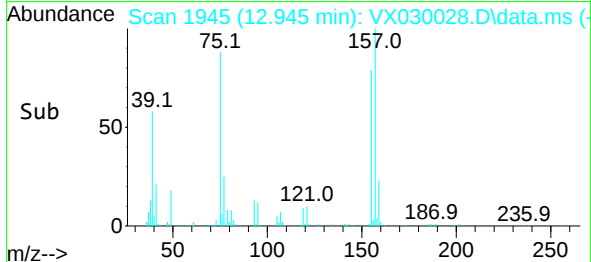
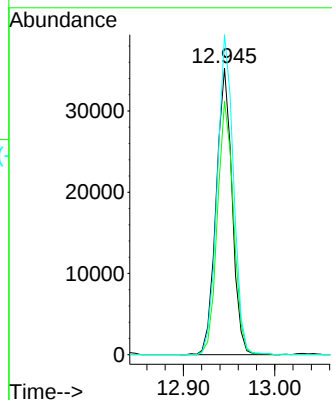
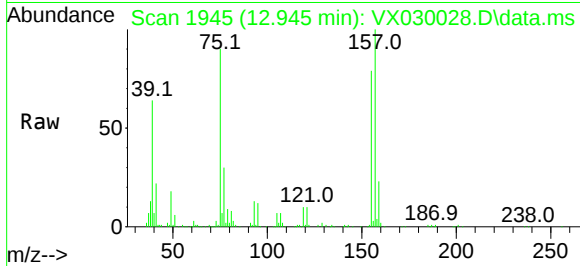
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.933 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX030028.D
 Acq: 12 Jul 2022 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05MS

Tgt Ion: 75 Resp: 42800
 Ion Ratio Lower Upper
 75 100
 155 89.0 45.0 134.8
 157 113.5 56.9 170.7

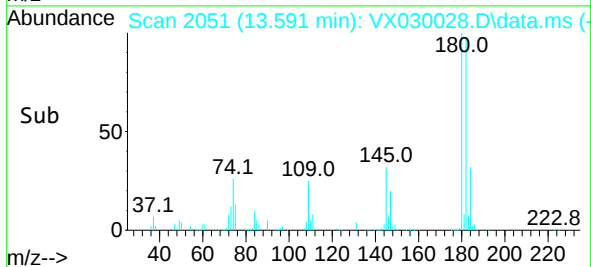
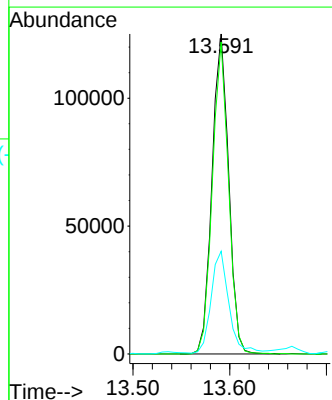
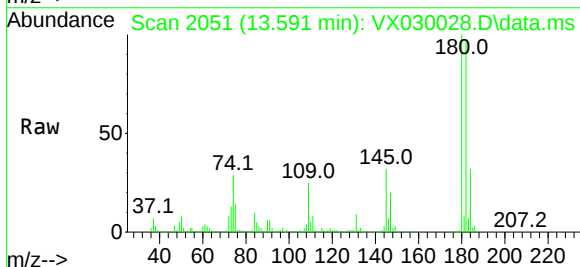
Manual Integrations
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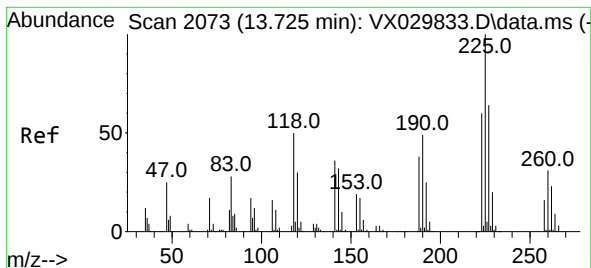
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#93
 1,2,4-Trichlorobenzene
 Concen: 54.787 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX030028.D
 Acq: 12 Jul 2022 18:38

Tgt Ion:180 Resp: 149504
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.2 144.6
 145 33.9 15.9 47.6





#94

Hexachlorobutadiene

Concen: 52.181 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-05MS

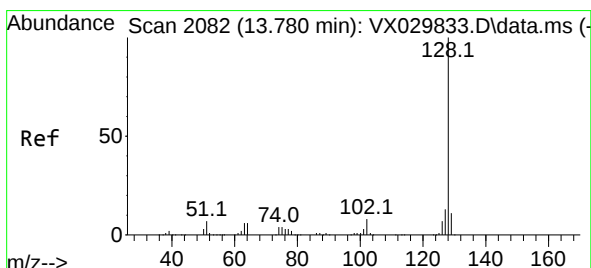
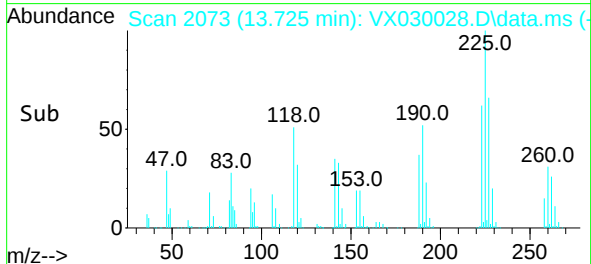
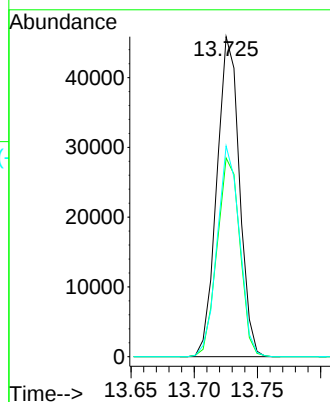
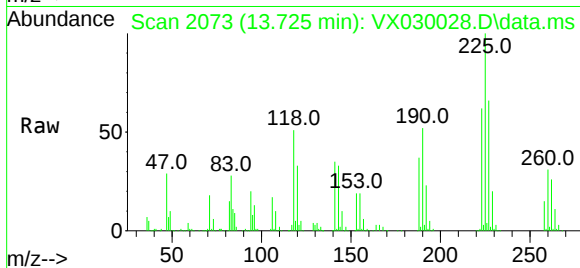
Tgt Ion:	225	Resp:	56849
Ion Ratio	Lower	Upper	
225	100		
223	62.7	30.6	91.6
227	65.2	31.9	95.9

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#95

Naphthalene

Concen: 55.547 ug/l

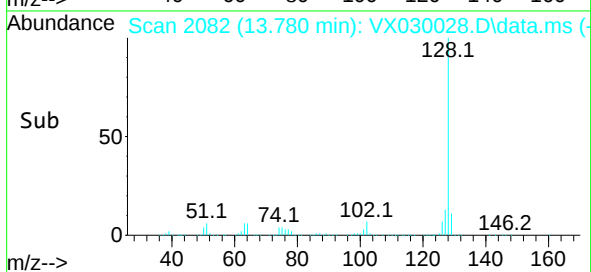
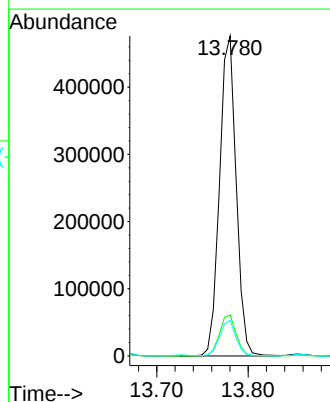
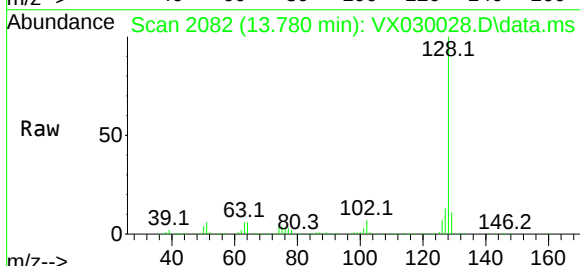
RT: 13.780 min Scan# 2082

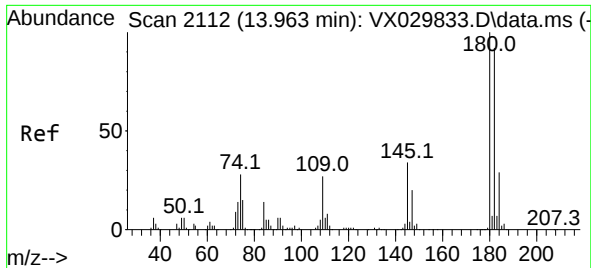
Delta R.T. 0.000 min

Lab File: VX030028.D

Acq: 12 Jul 2022 18:38

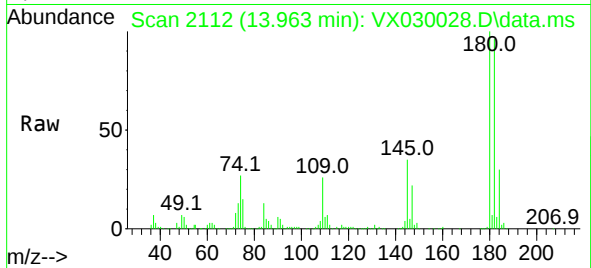
Tgt Ion:	128	Resp:	601660
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	11.2	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 55.077 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX030028.D
 Acq: 12 Jul 2022 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05MS



Tgt Ion:180 Resp: 152922
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.0 141.0
 145 37.3 17.0 50.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

