

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
 Data File : VX027093.D
 Acq On : 17 Feb 2022 21:58
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 18 04:53:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 18 04:52:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	14491	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	78881	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	69171	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	31205	28.144	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	93.800%	
60) 4-Bromofluorobenzene	11.085	95	33890	29.784	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	99.267%	
63) Toluene-d8	8.653	98	94277	30.343	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.133%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	17642	20.344	ug/l	100
3) Chloromethane	1.294	50	16672	17.649	ug/l	100
4) Vinyl Chloride	1.374	62	16107	17.046	ug/l	100
5) Bromomethane	1.605	94	9808	18.127	ug/l	100
6) Chloroethane	1.691	64	9938	16.811	ug/l	100
7) Trichlorofluoromethane	1.892	101	25129	16.576	ug/l	100
8) Diethyl Ether	2.136	74	8953	16.527	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	17581	19.941	ug/l	100
10) 1,1-Dichloroethene	2.325	96	17372	20.278	ug/l	100
11) Methyl Iodide	2.459	142	21596	18.203	ug/l	100
12) Methyl Acetate	2.709	43	25645	20.198	ug/l	100
13) Acrolein	2.239	56	17276	116.556	ug/l	100
14) Acrylonitrile	3.068	53	57095	101.625	ug/l	100
15) Acetone	2.380	58	15578	96.151	ug/l	100
16) Carbon Disulfide	2.514	76	44293	20.685	ug/l	100
17) Allyl chloride	2.672	41	30350	19.363	ug/l	100
18) Methylene Chloride	2.794	84	19511	19.568	ug/l	100
19) trans-1,2-Dichloroethene	3.099	96	18591	20.249	ug/l	100
20) Diisopropyl ether	3.769	45	62227	19.855	ug/l	100
21) 1,1-Dichloroethane	3.617	63	34066	19.886	ug/l	100
22) cis-1,2-Dichloroethene	4.495	96	21532	20.221	ug/l	100
23) tert-Butyl Alcohol	2.959	59	21792	88.508	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	60253	20.124	ug/l	100
25) Chloroform	5.099	83	35090	19.949	ug/l	100
26) Cyclohexane	5.483	56	31778	20.355	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	25943	20.613	ug/l	100
30) 2-Butanone	4.562	43	80180	98.445	ug/l	100
31) 2,2-Dichloropropane	4.483	77	21879	16.328	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	30302	20.144	ug/l	100
33) Carbon Tetrachloride	5.690	117	26281	20.059	ug/l	100
34) Benzene	6.043	78	76570	20.433	ug/l	100
35) Methacrylonitrile	4.928	41	16143	19.362	ug/l	100
36) 1,2-Dichloroethane	6.092	62	27618	19.477	ug/l	100
37) Trichloroethene	7.129	130	22335	21.498	ug/l	100
38) Methylcyclohexane	7.385	83	31925	20.097	ug/l	100
39) 1,2-Dichloropropane	7.433	63	19288	19.785	ug/l	100
40) Dibromomethane	7.586	93	13704	19.814	ug/l	100
41) Bromodichloromethane	7.830	83	25615	20.134	ug/l	100
42) Vinyl Acetate	3.727	43	267169	99.149	ug/l	100

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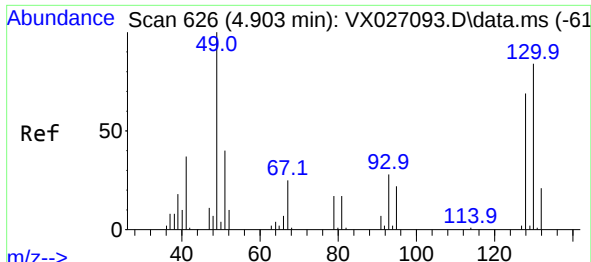
Manual Integrations
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 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 18 04:53:54 2022
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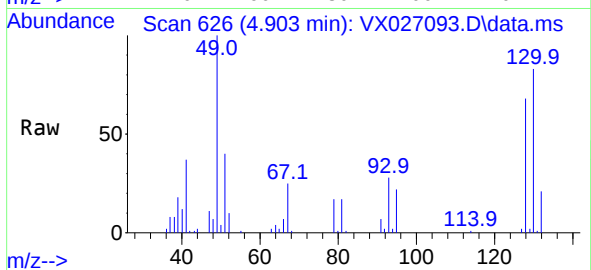
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	30670	20.006	ug/l	100
44) Isopropyl Acetate	6.348	43	45961	18.919	ug/l	100
45) 1,4-Dioxane	7.665	88	9754	390.749	ug/l	100
46) Methyl methacrylate	7.696	41	22705	19.302	ug/l	100
47) n-amyl Acetate	10.847	43	36375	17.798	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	24527	17.098	ug/l	100
49) cis-1,3-Dichloropropene	8.372	75	28682	18.609	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	19800	19.760	ug/l	100
51) Ethyl methacrylate	9.116	69	30512	19.259	ug/l	100
52) 1,3-Dichloropropane	9.311	76	33099	20.098	ug/l	100
53) Dibromochloromethane	9.525	129	19256	19.059	ug/l	100
54) 1,2-Dibromoethane	9.610	107	20139	19.141	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	65301	85.498	ug/l	100
56) Bromoform	10.799	173	12994	18.134	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	152171	101.852	ug/l	100
59) 2-Hexanone	9.433	43	115107	100.212	ug/l	100
61) Tetrachloroethene	9.275	164	23800	24.240	ug/l	100
62) Toluene	8.720	91	82348	20.790	ug/l	100
64) Chlorobenzene	10.079	112	49894	20.056	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	18065	19.600	ug/l	100
66) Ethyl Benzene	10.195	91	90287	20.544	ug/l	100
67) m/p-Xylenes	10.305	106	69972	41.216	ug/l	100
68) o-Xylene	10.646	106	34300	20.491	ug/l	100
69) Styrene	10.659	104	56302	20.372	ug/l	100
70) Isopropylbenzene	10.963	105	89562	20.338	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	26443	19.229	ug/l	100
72) 1,2,3-Trichloropropane	11.244	75	26015m	20.044	ug/l	
73) Bromobenzene	11.201	156	21803	20.373	ug/l	100
74) n-propylbenzene	11.305	91	100355	19.790	ug/l	100
75) 2-Chlorotoluene	11.366	91	62717	20.543	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	74404	20.391	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	6897	15.432	ug/l	100
78) 4-Chlorotoluene	11.457	91	70163	20.345	ug/l	100
79) tert-butylbenzene	11.719	119	68835	19.569	ug/l	100
80) 1,2,4-Trimethylbenzene	11.756	105	74253	20.565	ug/l	100
81) sec-Butylbenzene	11.890	105	90374	19.955	ug/l	100
82) p-Isopropyltoluene	12.012	119	75482	20.212	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	39699	20.402	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	40020	20.691	ug/l	100
85) n-Butylbenzene	12.335	91	61099	18.736	ug/l	100
86) Hexachloroethane	12.542	117	11251	18.640	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	39630	21.021	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	6140	19.646	ug/l	100
89) 1,2,4-Trichlorobenzene	13.591	180	23584	20.164	ug/l	100
90) Hexachlorobutadiene	13.725	225	9887	19.248	ug/l	100
91) Naphthalene	13.780	128	84721	20.977	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	23885	20.350	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

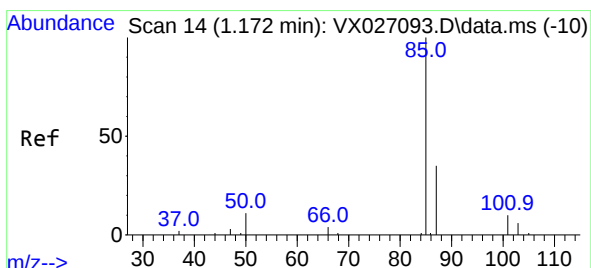
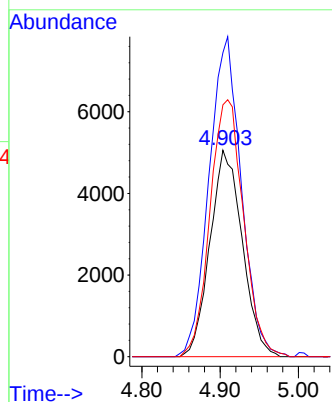
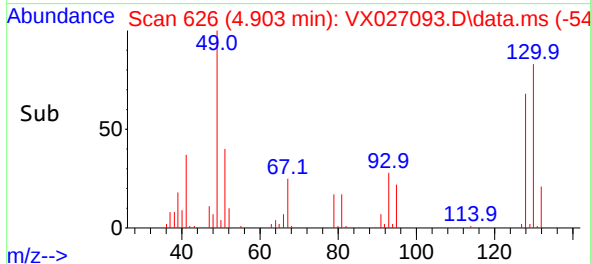
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



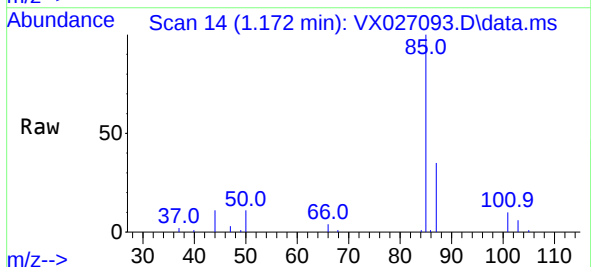
Tgt Ion:128 Resp: 1449
Ion Ratio Lower Upper
128 100
49 154.8 0.0 387.0
130 129.2 0.0 323.0

Manual Integrations
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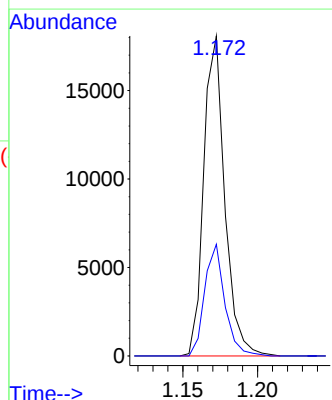
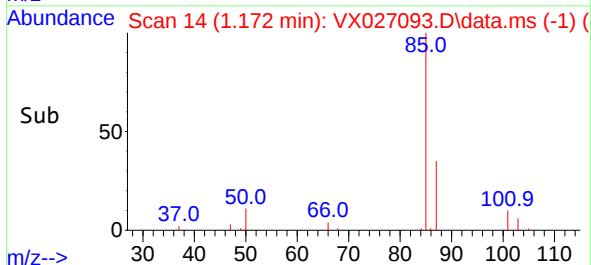
Reviewed By :John Carlone 02/18/2022
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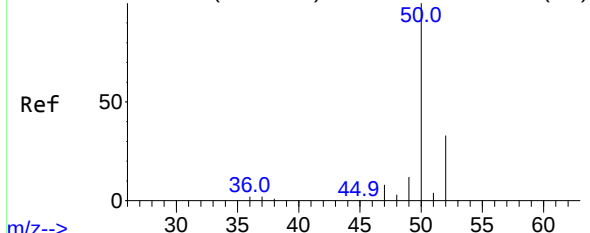
#2
Dichlorodifluoromethane
Concen: 20.344 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58



Tgt Ion: 85 Resp: 17642
Ion Ratio Lower Upper
85 100
87 34.9 17.4 52.3



Abundance Scan 34 (1.294 min): VX027093.D\data.ms (-31)



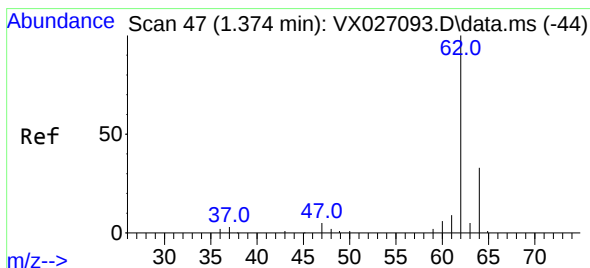
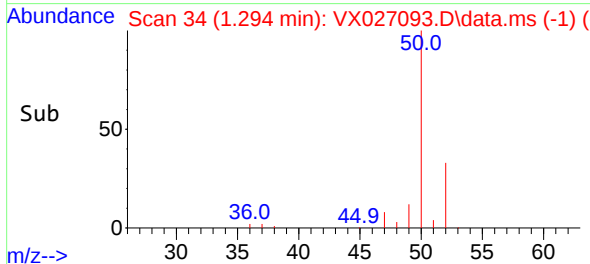
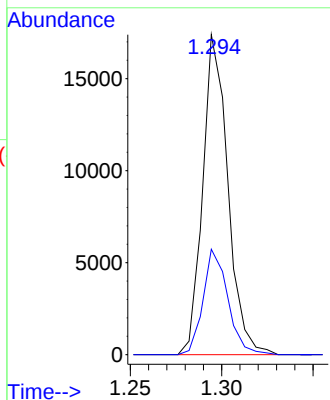
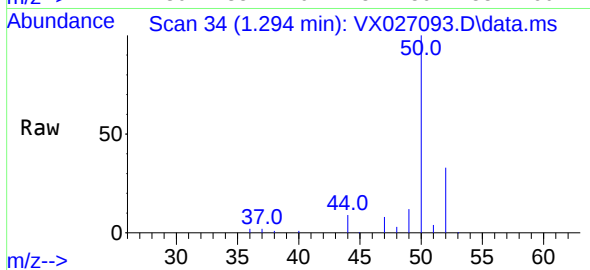
#3
Chloromethane
Concen: 17.649 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 50 Resp: 16672
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5

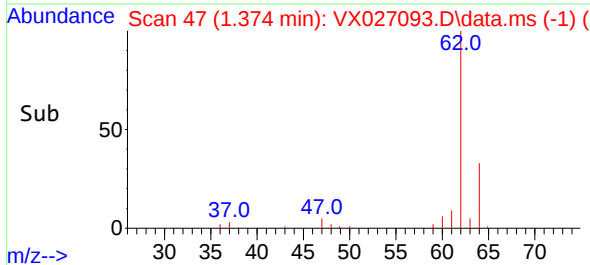
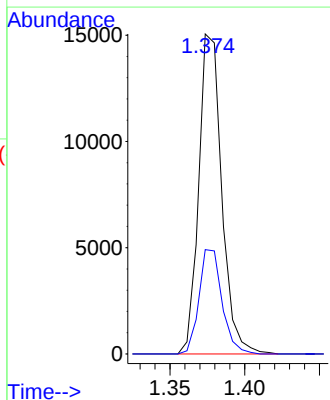
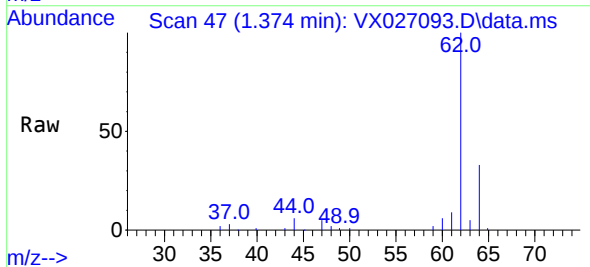
Manual Integrations
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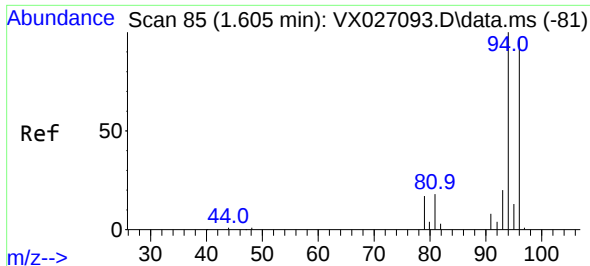
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#4
Vinyl Chloride
Concen: 17.046 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

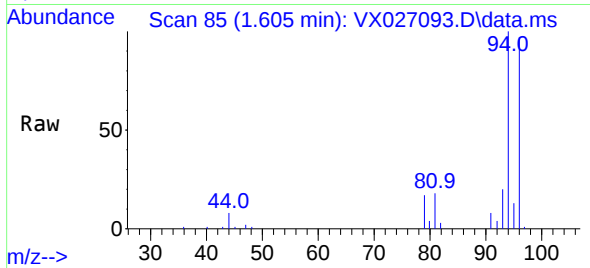
Tgt Ion: 62 Resp: 16107
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1





#5
Bromomethane
Concen: 18.127 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

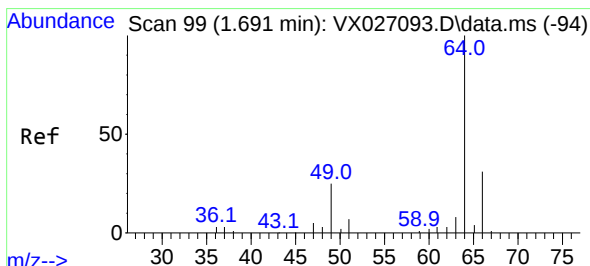
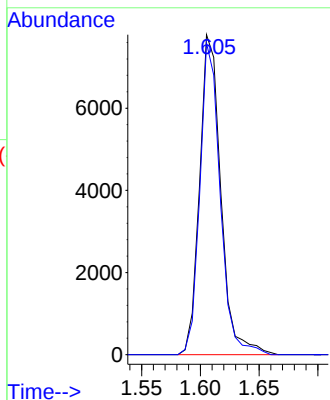
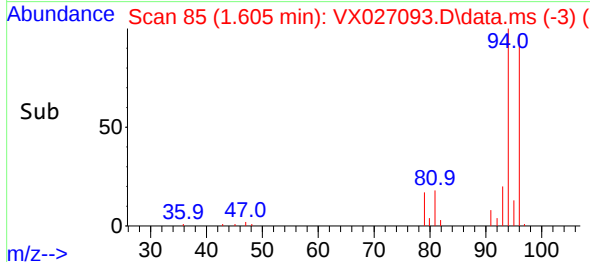
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 9808
Ion Ratio Lower Upper
94 100
96 97.4 77.9 116.9

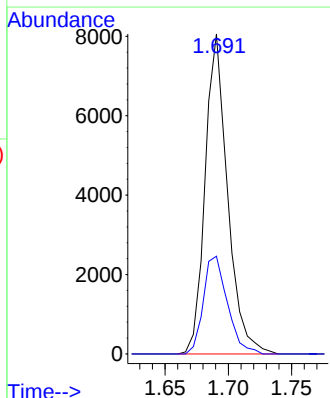
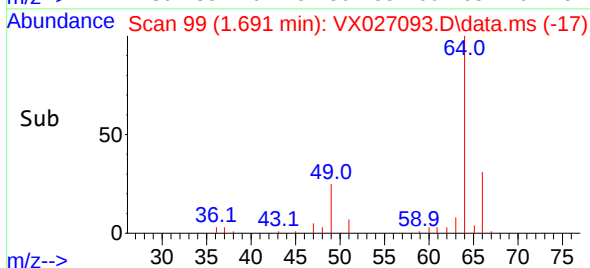
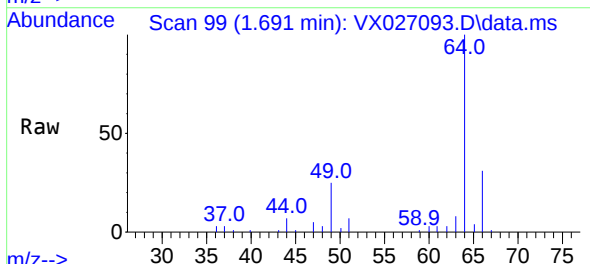
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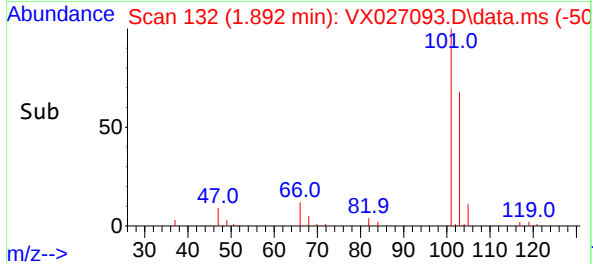
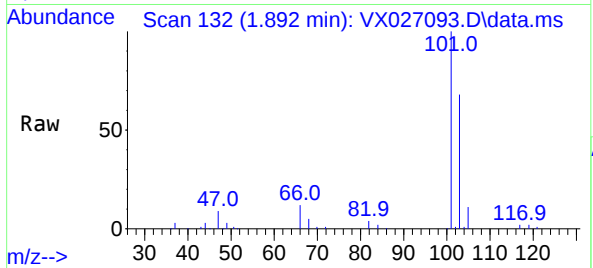
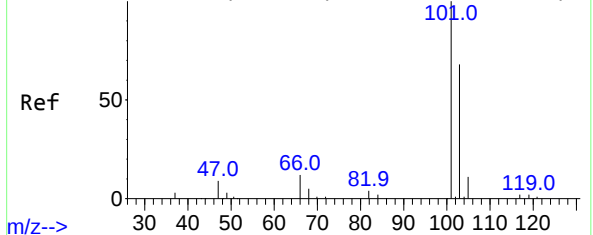


#6
Chloroethane
Concen: 16.811 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Tgt Ion: 64 Resp: 9938
Ion Ratio Lower Upper
64 100
66 30.6 24.5 36.7



Abundance Scan 132 (1.892 min): VX027093.D\data.ms (-12



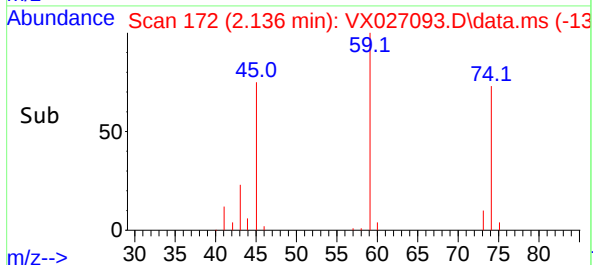
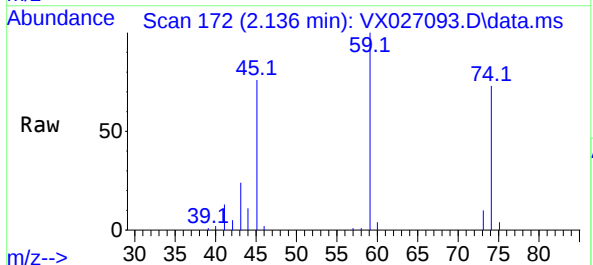
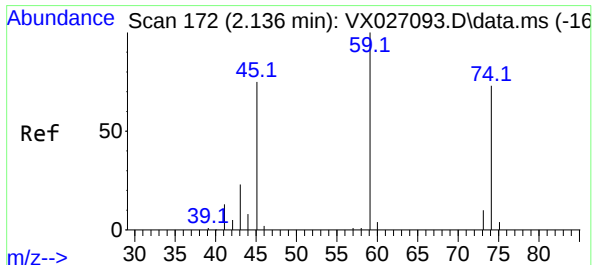
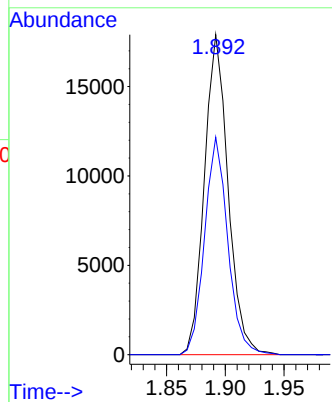
#7
Trichlorofluoromethane
Concen: 16.576 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Tgt Ion:101 Resp: 25129
Ion Ratio Lower Upper
101 100
103 67.9 54.3 81.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

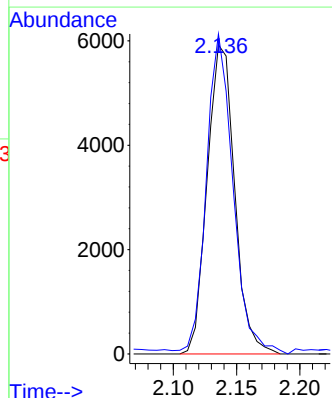
Manual Integrations
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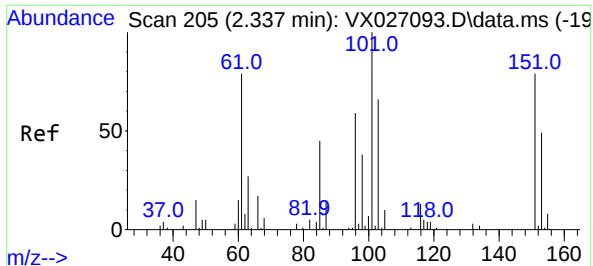
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#8
Diethyl Ether
Concen: 16.527 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Tgt Ion: 74 Resp: 8953
Ion Ratio Lower Upper
74 100
45 100.8 20.2 181.4





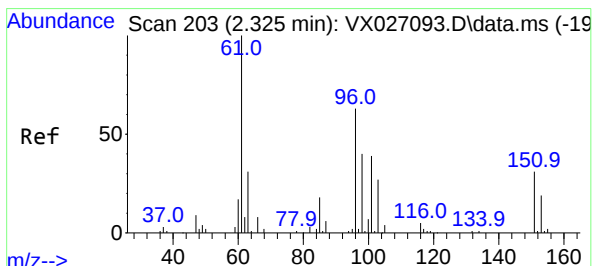
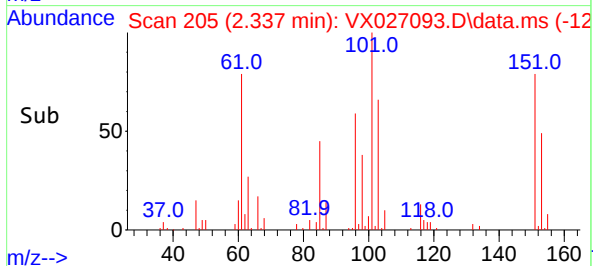
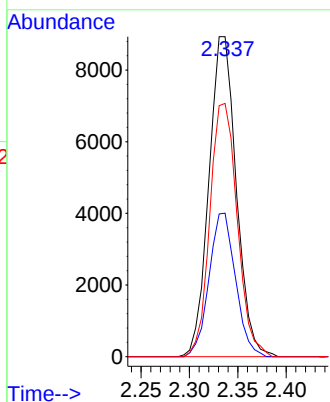
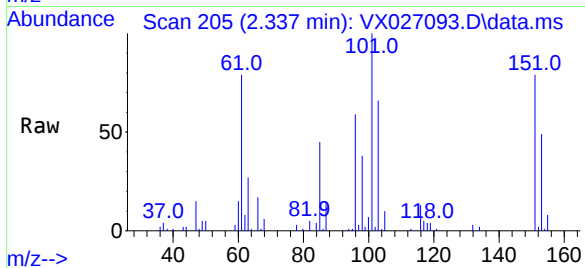
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.941 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 1758
Ion Ratio Lower Upper
101 100
85 43.3 0.0 86.6
151 79.0 0.0 158.0

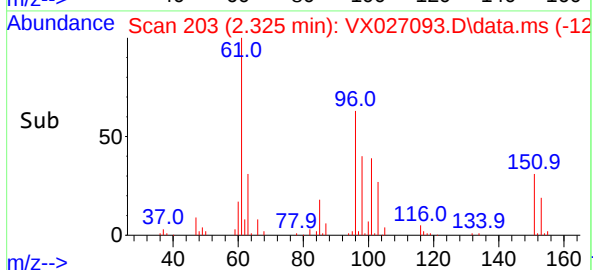
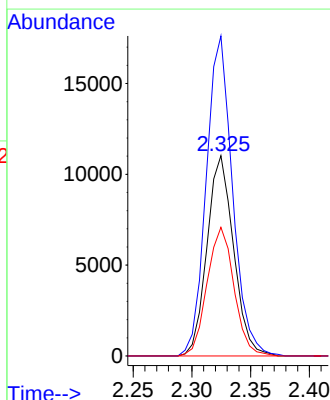
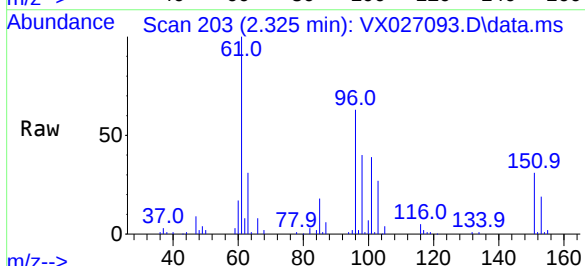
Manual Integrations
APPROVED

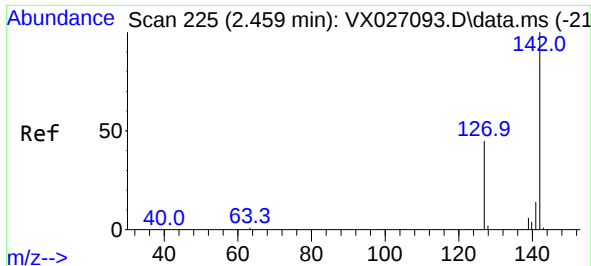
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#10
1,1-Dichloroethene
Concen: 20.278 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

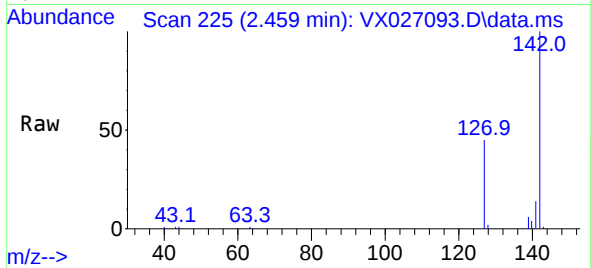
Tgt Ion: 96 Resp: 17372
Ion Ratio Lower Upper
96 100
61 159.7 127.8 191.6
98 64.2 51.4 77.0





#11
Methyl Iodide
Concen: 18.203 ug/l
RT: 2.459 min Scan# 21590
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

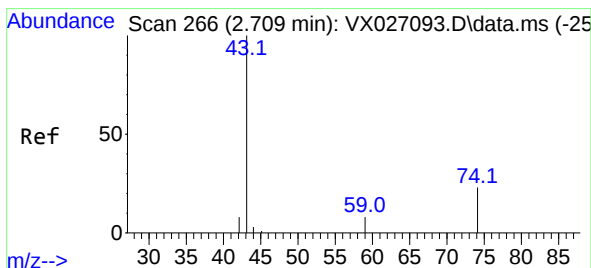
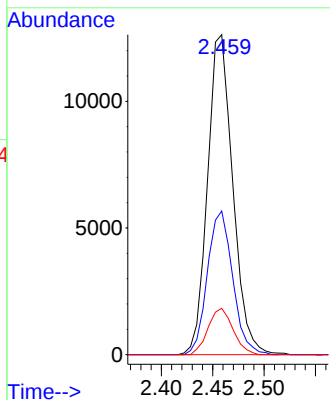
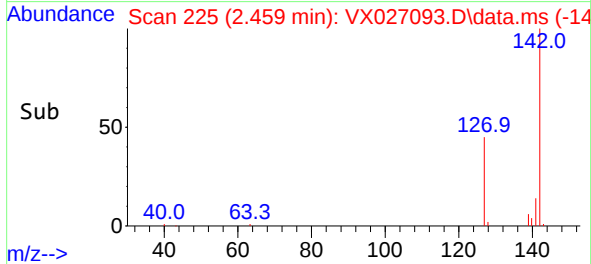
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



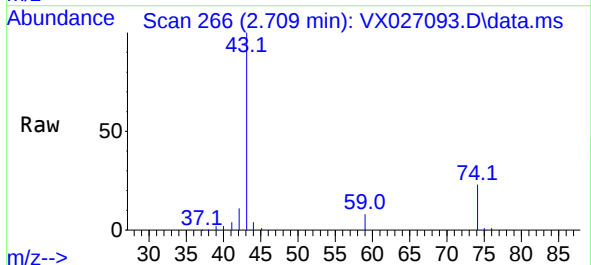
Tgt Ion:142 Resp: 21590
Ion Ratio Lower Upper
142 100
127 45.0 22.5 67.5
141 14.5 7.2 21.7

Manual Integrations
APPROVED

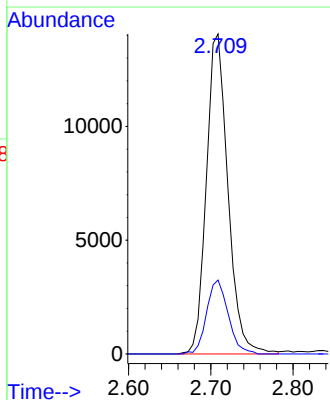
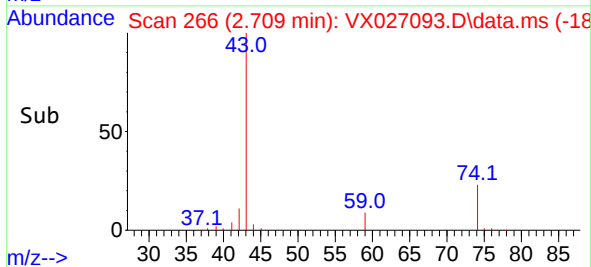
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



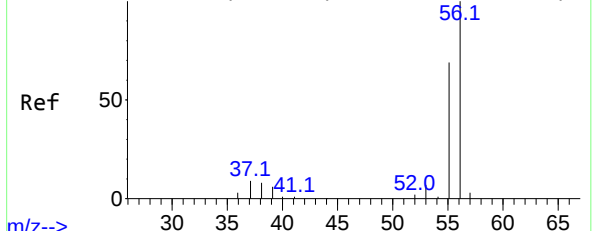
#12
Methyl Acetate
Concen: 20.198 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58



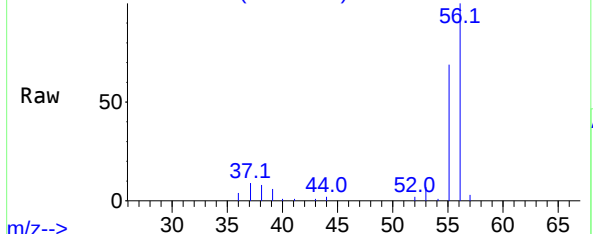
Tgt Ion: 43 Resp: 25645
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8



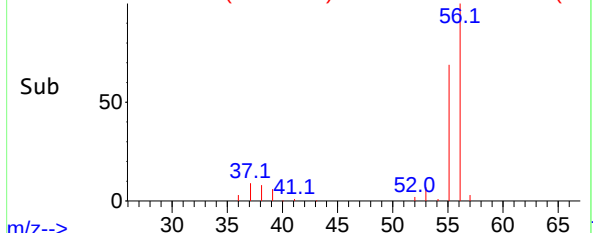
Abundance Scan 189 (2.239 min): VX027093.D\data.ms (-18



m/z--> Scan 189 (2.239 min): VX027093.D\data.ms



m/z--> Scan 189 (2.239 min): VX027093.D\data.ms (-10



m/z-->

#13

Acrolein

Concen: 116.556 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX027093.D

Acq: 17 Feb 2022 21:58

Tgt Ion: 56 Resp: 17270

Ion Ratio Lower Upper

56 100

55 70.0 56.0 84.0

Instrument :

MSVOA_X

ClientSampleId :

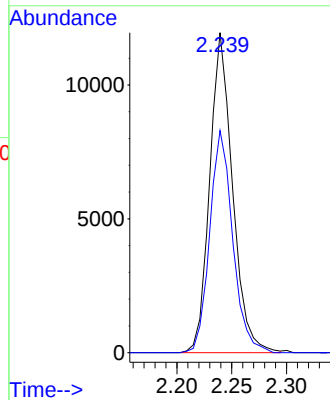
VSTDICCC020

Manual Integrations

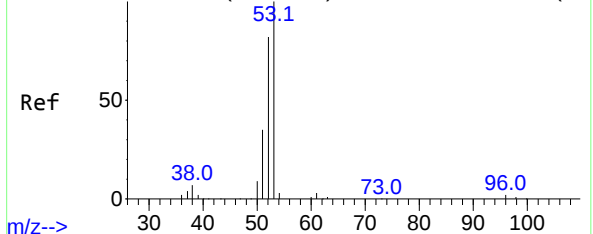
APPROVED

Reviewed By :John Carlone 02/18/2022

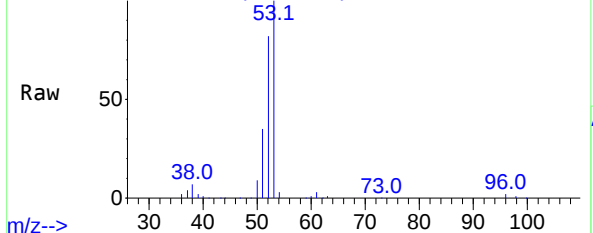
Supervised By :Mahesh Dadoda 02/21/2022



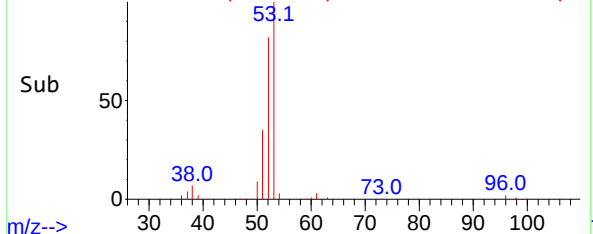
Abundance Scan 325 (3.068 min): VX027093.D\data.ms (-31



m/z--> Scan 325 (3.068 min): VX027093.D\data.ms



m/z--> Scan 325 (3.068 min): VX027093.D\data.ms (-24



m/z-->

#14

Acrylonitrile

Concen: 101.625 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX027093.D

Acq: 17 Feb 2022 21:58

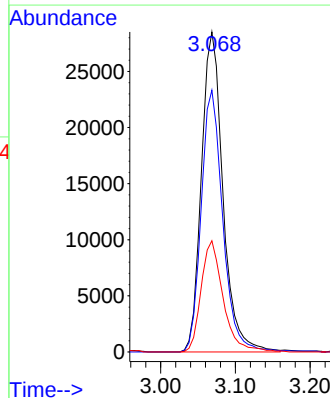
Tgt Ion: 53 Resp: 57095

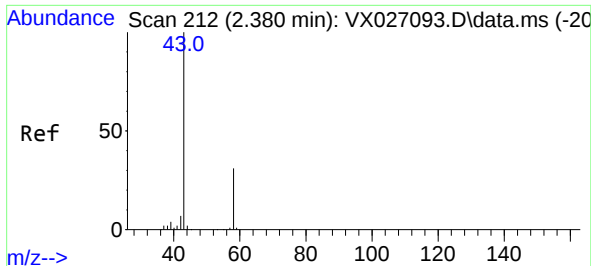
Ion Ratio Lower Upper

53 100

52 81.8 40.9 122.7

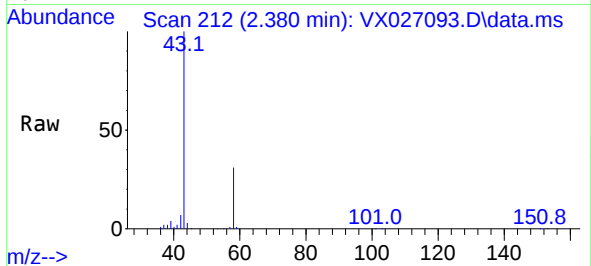
51 35.6 17.8 53.4





#15
Acetone
Concen: 96.151 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

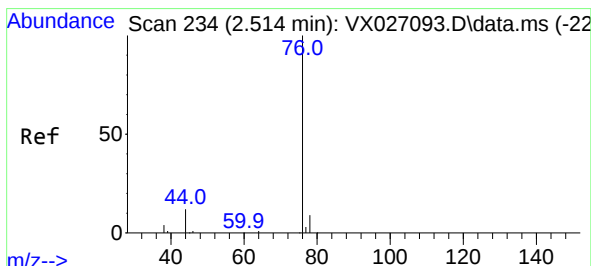
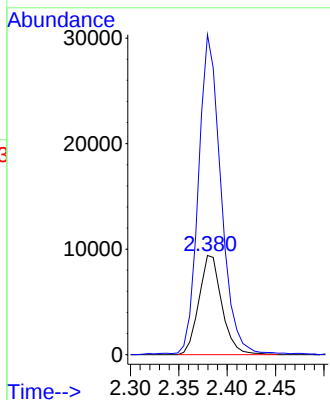
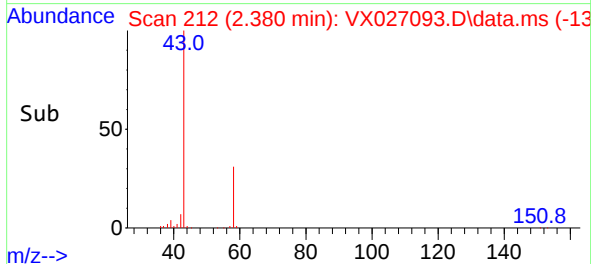
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 15578
Ion Ratio Lower Upper
58 100
43 321.1 256.9 385.3

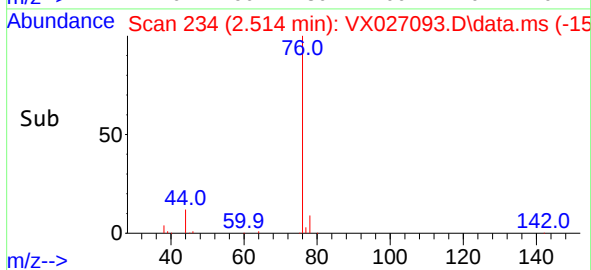
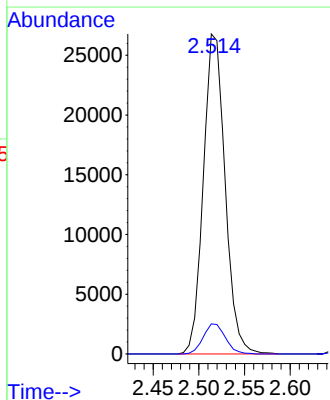
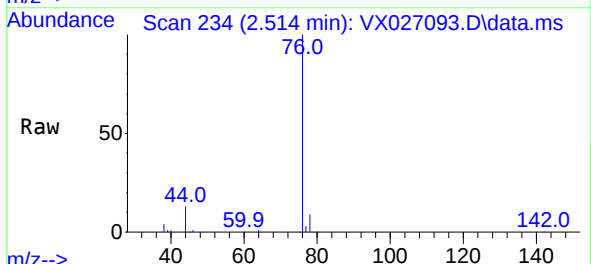
Manual Integrations
APPROVED

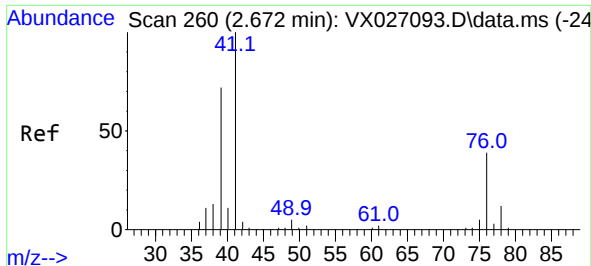
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#16
Carbon Disulfide
Concen: 20.685 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Tgt Ion: 76 Resp: 44293
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3





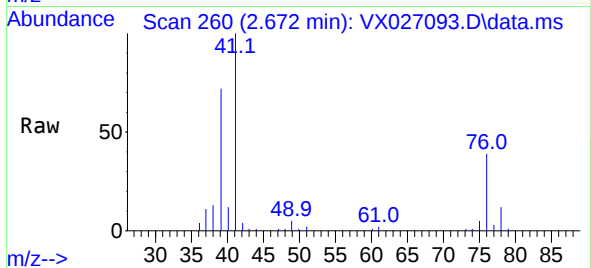
#17
 Allyl chloride
 Concen: 19.363 ug/l
 RT: 2.672 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX027093.D
 Acq: 17 Feb 2022 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

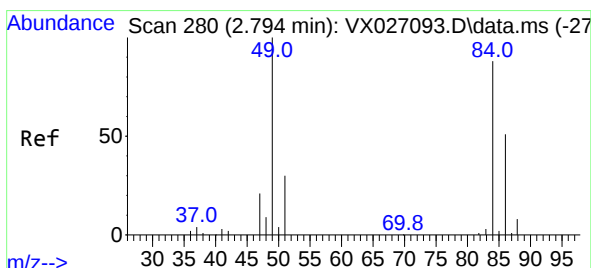
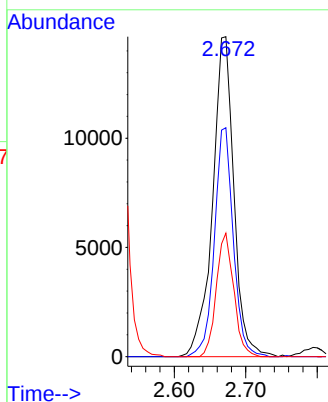
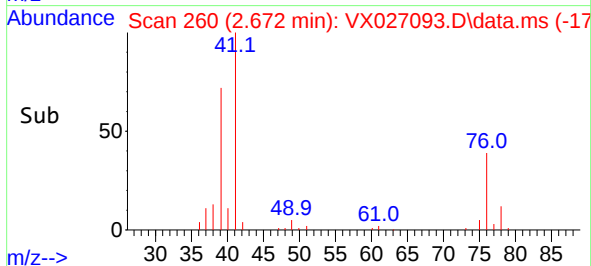


Tgt Ion: 41 Resp: 30350
 Ion Ratio Lower Upper
 41 100
 39 71.5 35.8 107.3
 76 38.6 19.3 57.9

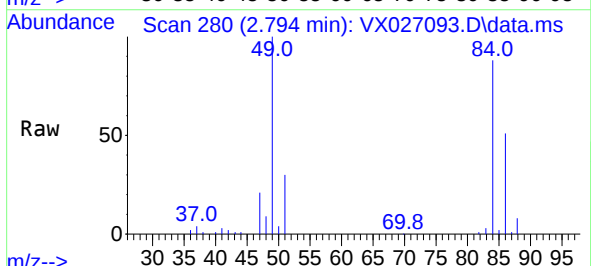
Manual Integrations

APPROVED

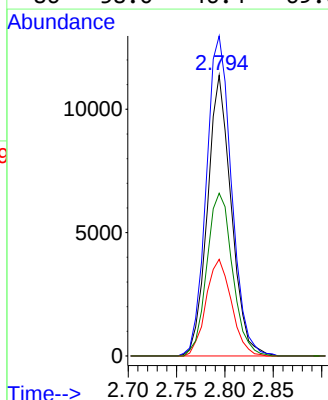
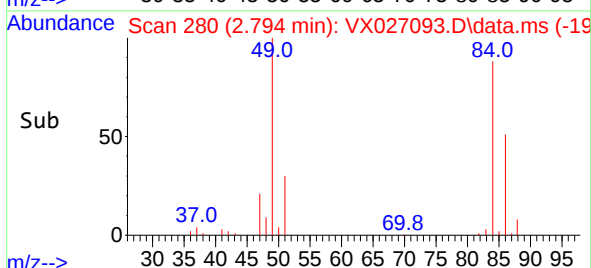
Reviewed By :John Carlone 02/18/2022
 Supervised By :Mahesh Dadoda 02/21/2022

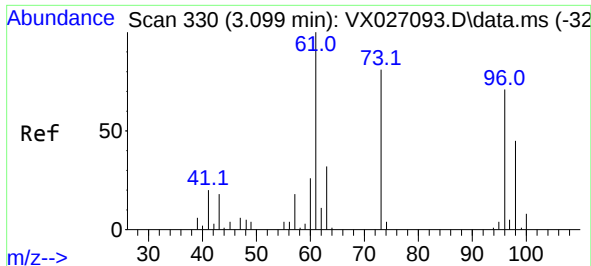


#18
 Methylene Chloride
 Concen: 19.568 ug/l
 RT: 2.794 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VX027093.D
 Acq: 17 Feb 2022 21:58



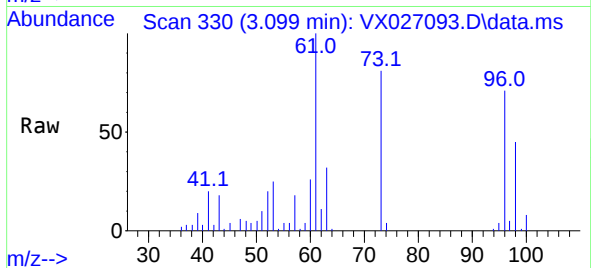
Tgt Ion: 84 Resp: 19511
 Ion Ratio Lower Upper
 84 100
 49 114.0 91.2 136.8
 51 34.5 27.6 41.4
 86 58.0 46.4 69.6





#19
trans-1,2-Dichloroethene
Concen: 20.249 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

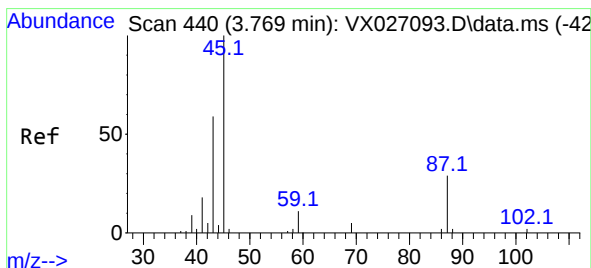
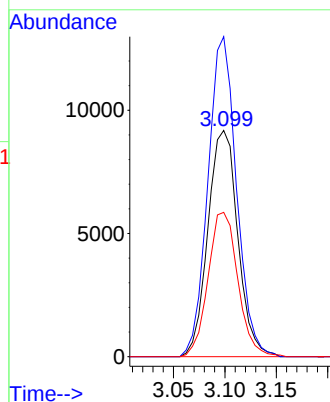
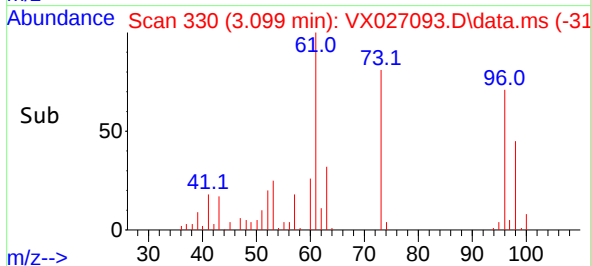
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



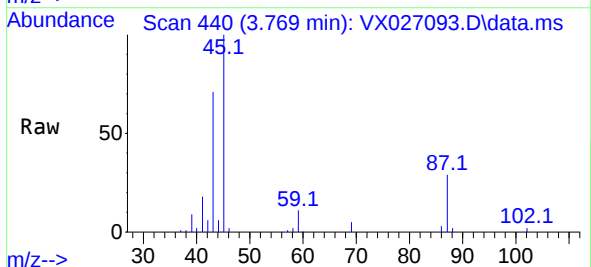
Tgt Ion: 96 Resp: 1859
Ion Ratio Lower Upper
96 100
61 141.5 113.2 169.8
98 63.8 51.0 76.6

Manual Integrations
APPROVED

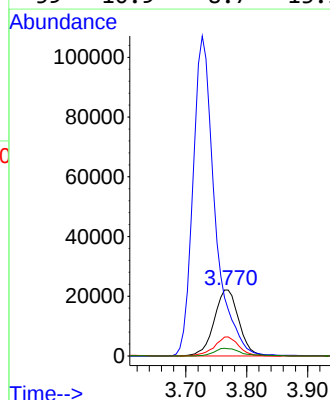
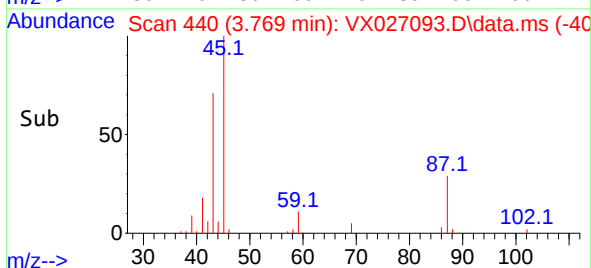
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

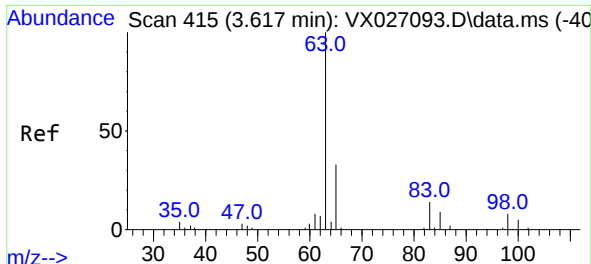


#20
Diisopropyl ether
Concen: 19.855 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58



Tgt Ion: 45 Resp: 62227
Ion Ratio Lower Upper
45 100
43 69.4 55.5 83.3
87 28.9 23.1 34.7
59 10.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.886 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.000 min

Lab File: VX027093.D

Acq: 17 Feb 2022 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 3406

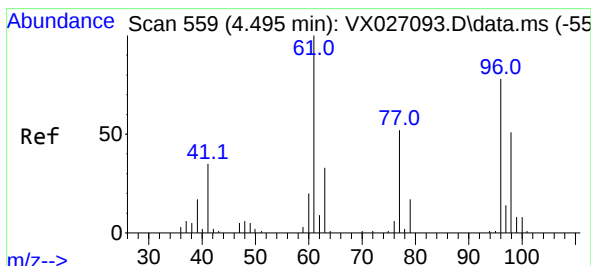
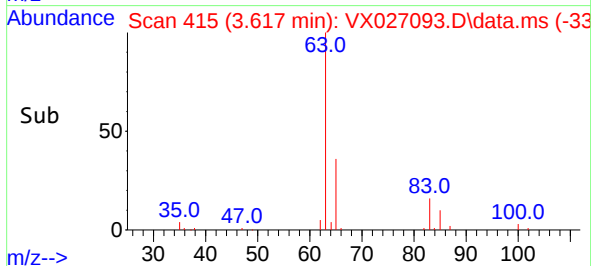
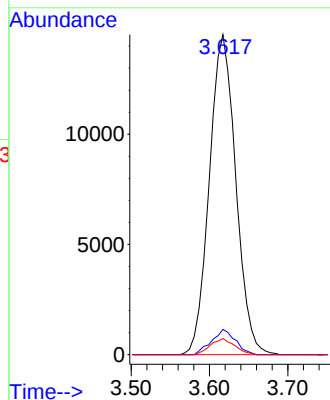
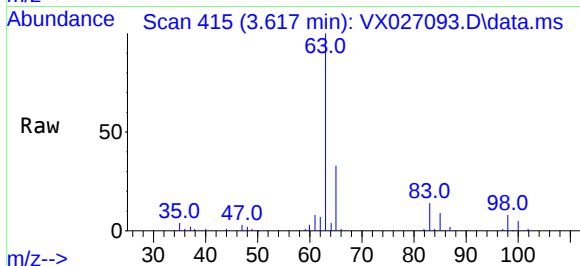
Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.0	11.9
100	5.0	2.5	7.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#22

cis-1,2-Dichloroethene

Concen: 20.221 ug/l

RT: 4.495 min Scan# 559

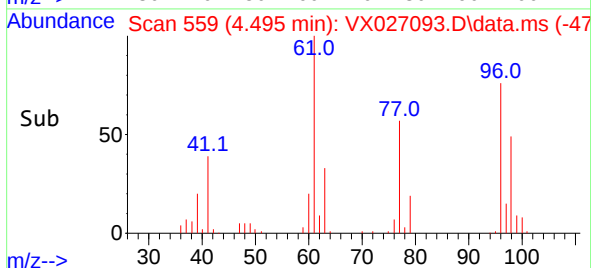
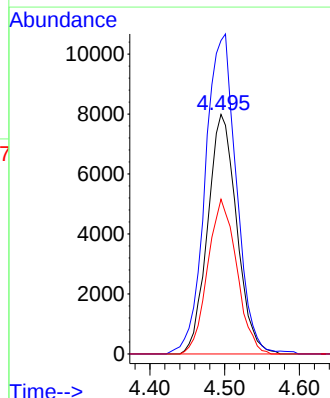
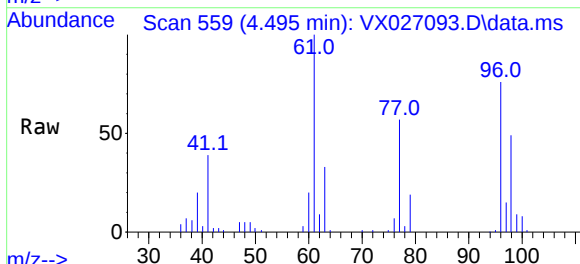
Delta R.T. 0.000 min

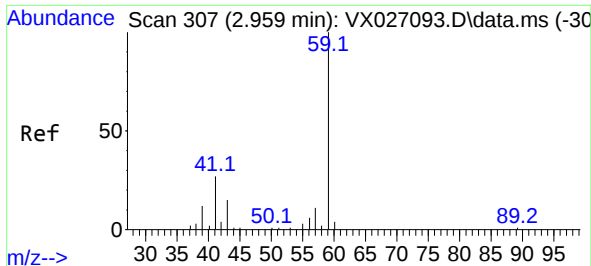
Lab File: VX027093.D

Acq: 17 Feb 2022 21:58

Tgt Ion: 96 Resp: 21532

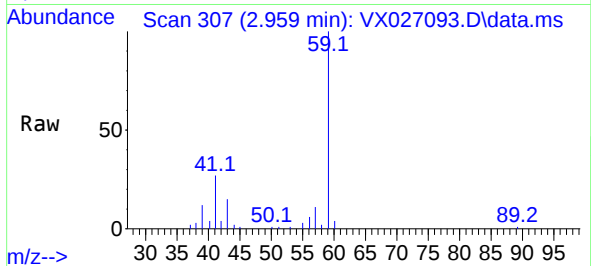
Ion	Ratio	Lower	Upper
96	100		
61	142.9	114.3	171.5
98	64.6	51.7	77.5





#23
tert-Butyl Alcohol
Concen: 88.508 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

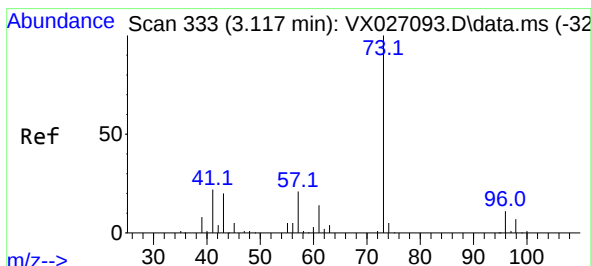
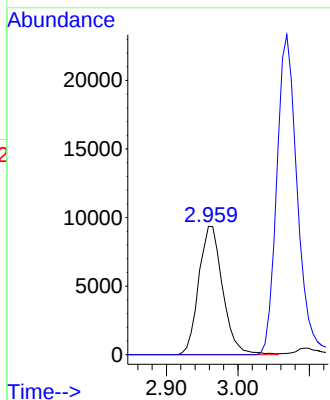
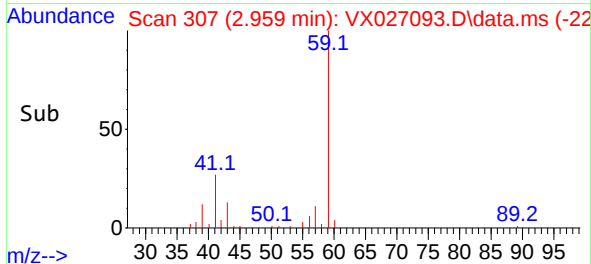
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



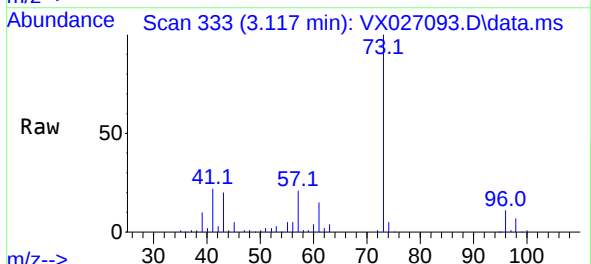
Tgt Ion: 59 Resp: 21792
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

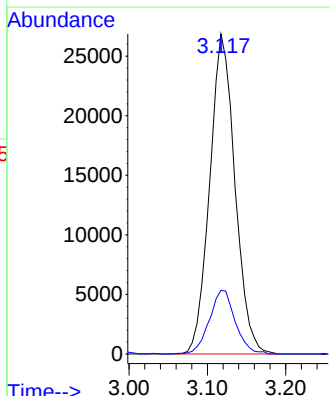
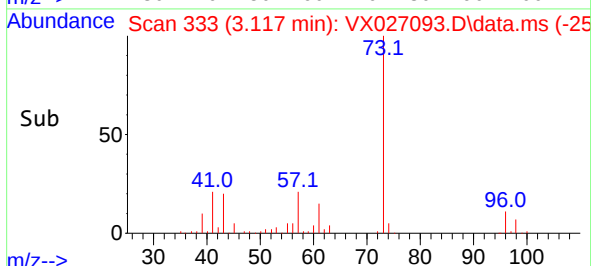
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

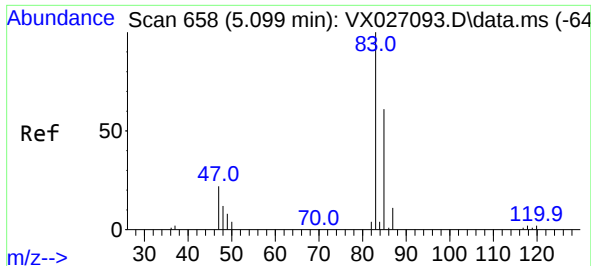


#24
Methyl tert-Butyl Ether
Concen: 20.124 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58



Tgt Ion: 73 Resp: 60253
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.4





#25

Chloroform

Concen: 19.949 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX027093.D

Acq: 17 Feb 2022 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 35090

Ion Ratio Lower Upper

83 100

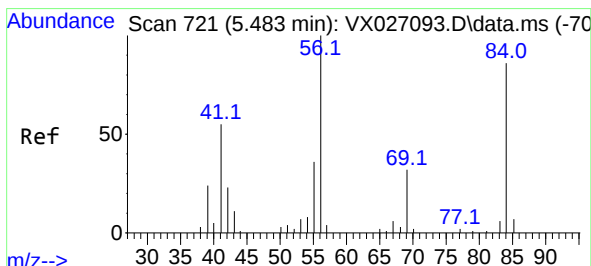
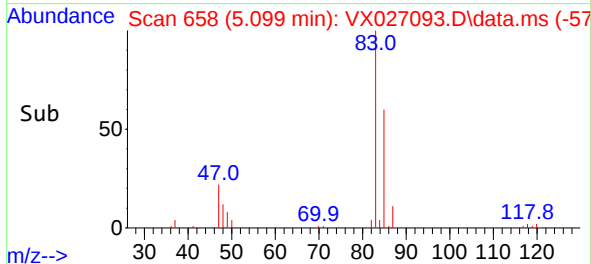
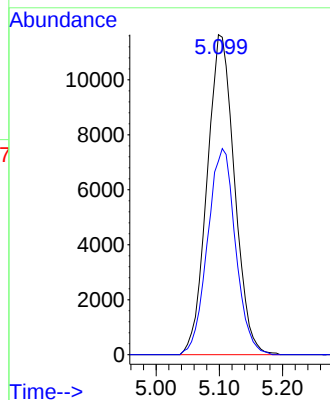
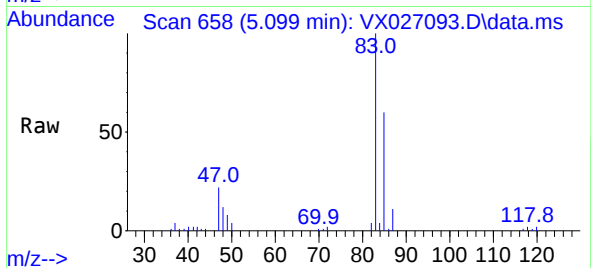
85 60.5 48.4 72.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#26

Cyclohexane

Concen: 20.355 ug/l

RT: 5.483 min Scan# 721

Delta R.T. 0.000 min

Lab File: VX027093.D

Acq: 17 Feb 2022 21:58

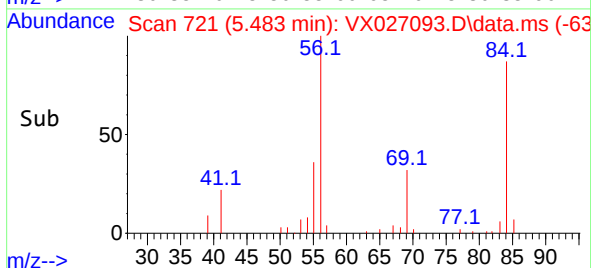
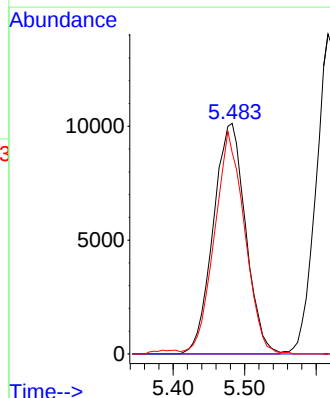
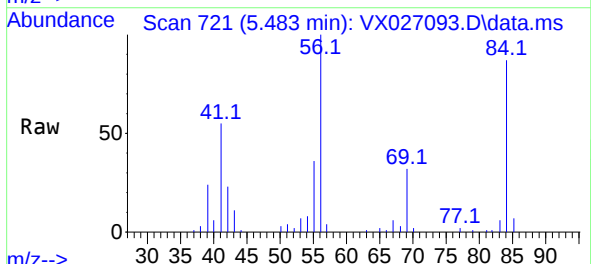
Tgt Ion: 56 Resp: 31778

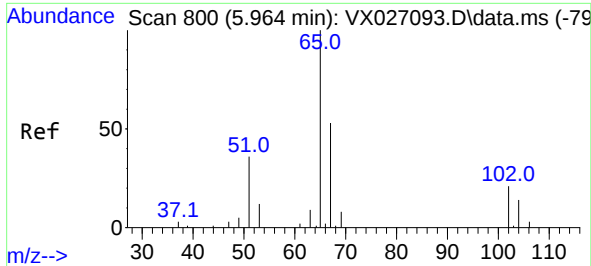
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.9 71.9 107.9





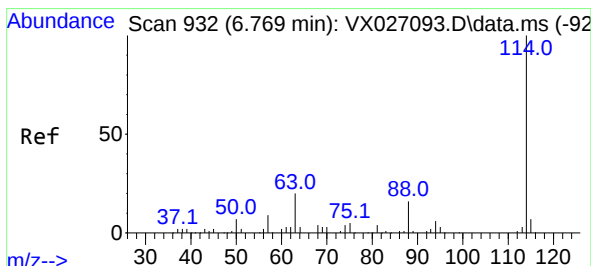
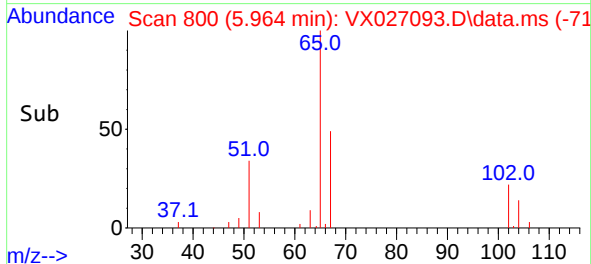
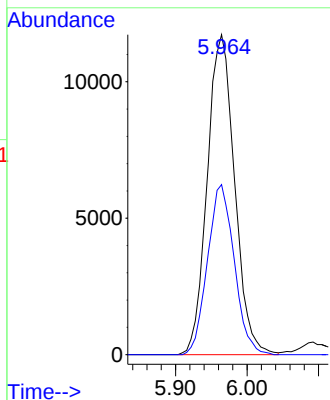
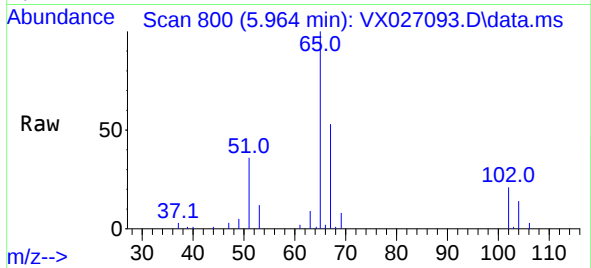
#27
1,2-Dichloroethane-d4
Concen: 28.144 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 3120
Ion Ratio Lower Upper
65 100
67 51.8 41.4 62.2

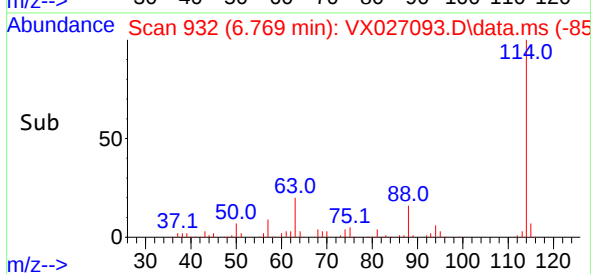
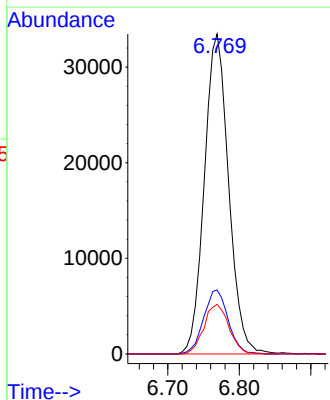
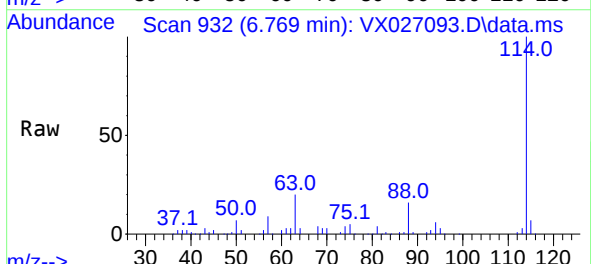
Manual Integrations
APPROVED

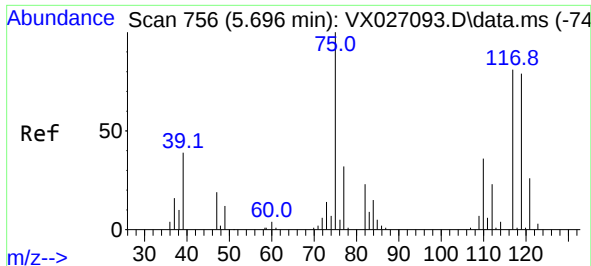
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

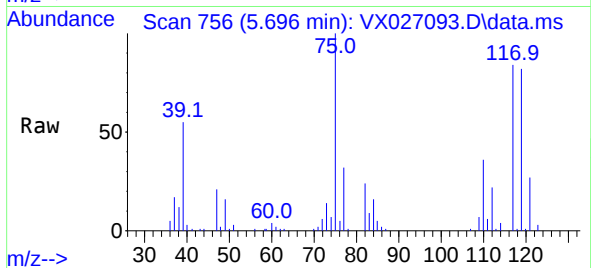
Tgt Ion:114 Resp: 78881
Ion Ratio Lower Upper
114 100
63 20.2 16.2 24.2
88 15.9 12.7 19.1





#29
1,1-Dichloropropene
Concen: 20.613 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

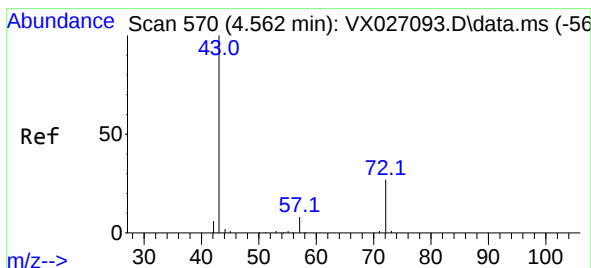
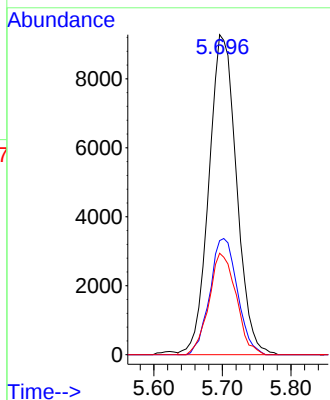
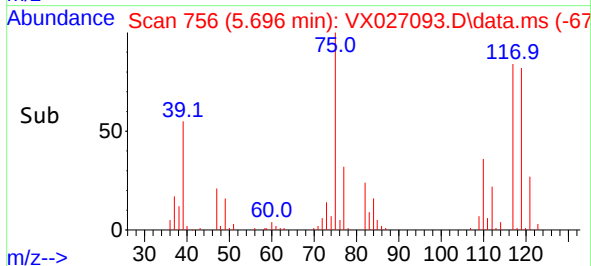
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



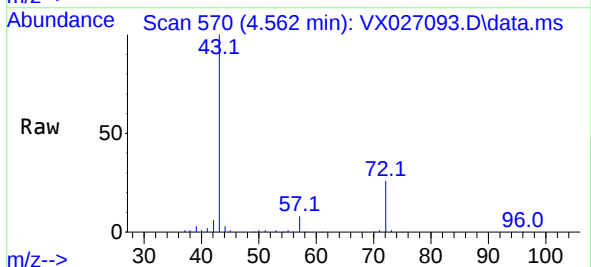
Tgt Ion: 75 Resp: 2594
Ion Ratio Lower Upper
75 100
110 36.3 0.0 72.6
77 31.2 0.0 62.4

Manual Integrations
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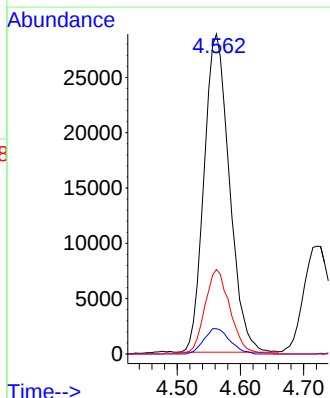
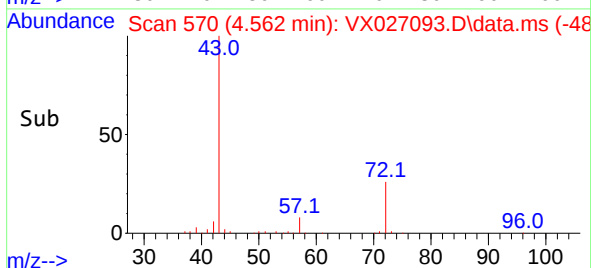
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

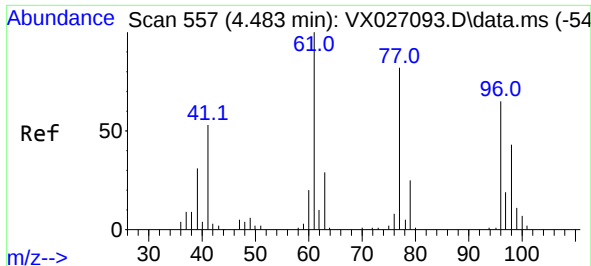


#30
2-Butanone
Concen: 98.445 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58



Tgt Ion: 43 Resp: 80180
Ion Ratio Lower Upper
43 100
57 8.2 6.6 9.8
72 26.3 21.0 31.6





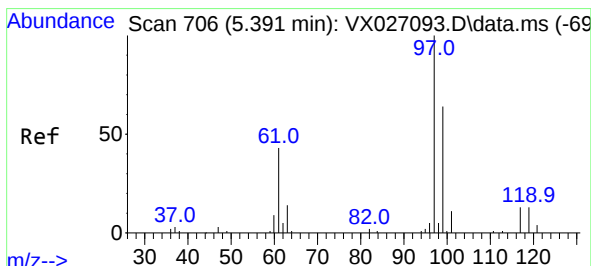
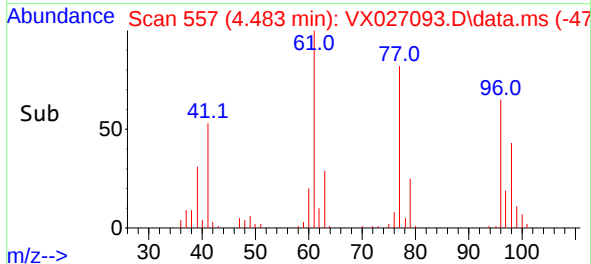
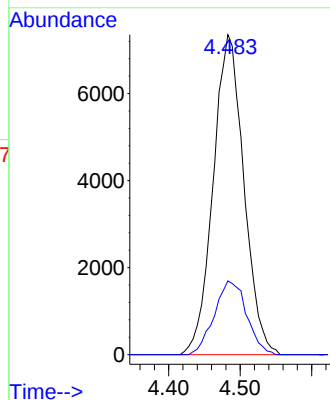
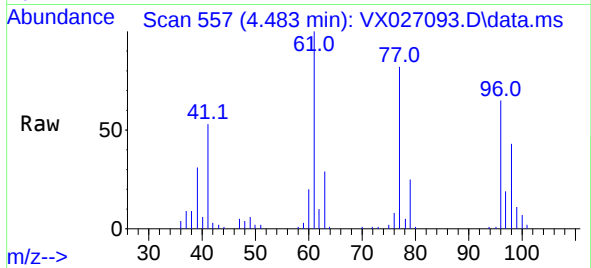
#31
2,2-Dichloropropane
Concen: 16.328 ug/l
RT: 4.483 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 21879
Ion Ratio Lower Upper
77 100
97 24.3 19.4 29.2

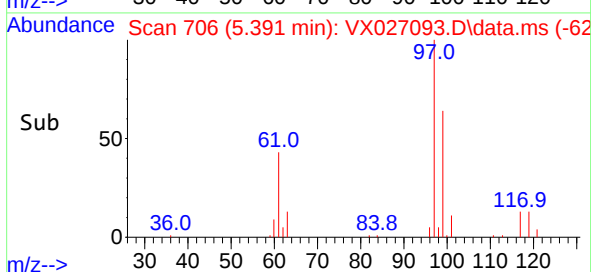
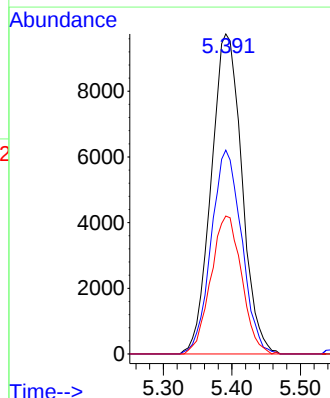
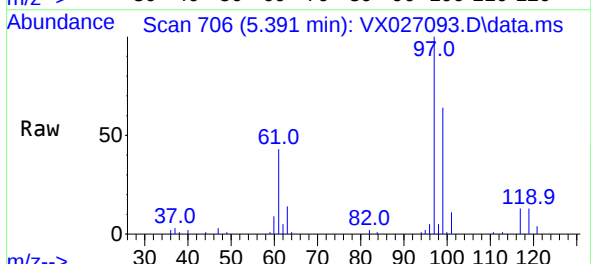
Manual Integrations
APPROVED

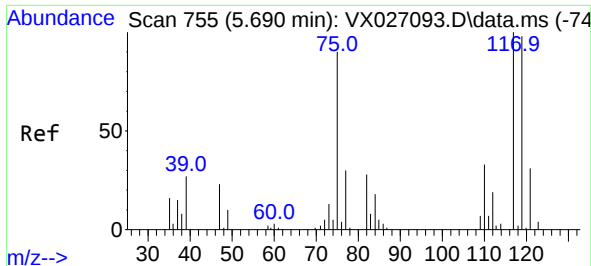
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#32
1,1,1-Trichloroethane
Concen: 20.144 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

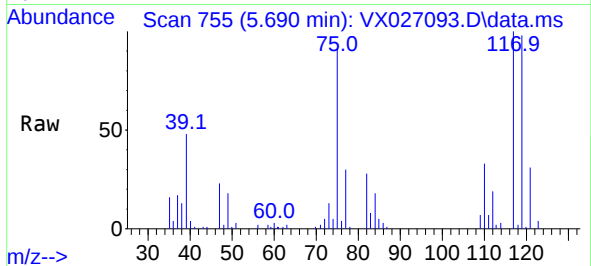
Tgt Ion: 97 Resp: 30302
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 43.3 34.6 52.0





#33
Carbon Tetrachloride
Concen: 20.059 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

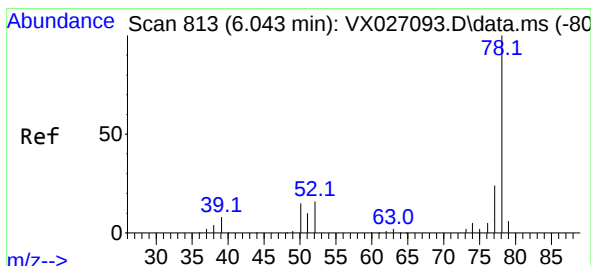
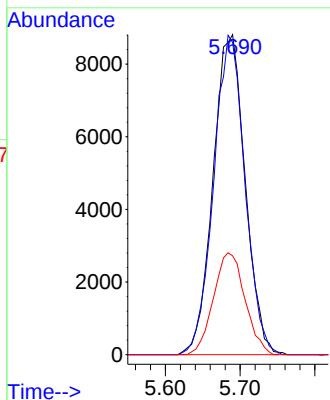
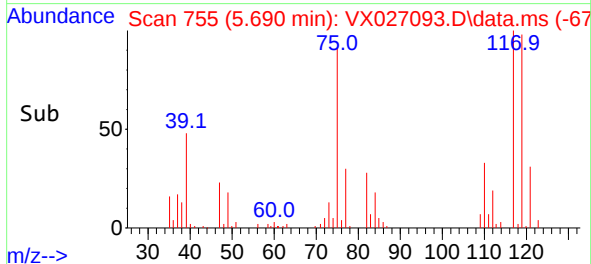
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



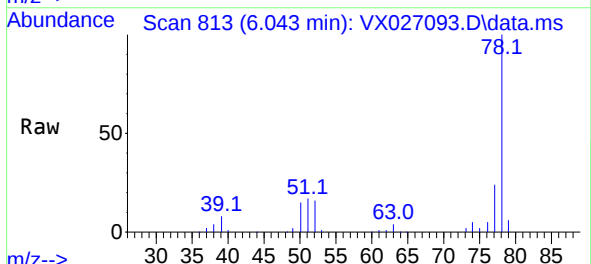
Tgt Ion:117 Resp: 2628
Ion Ratio Lower Upper
117 100
119 97.6 78.1 117.1
121 30.9 24.7 37.1

Manual Integrations
APPROVED

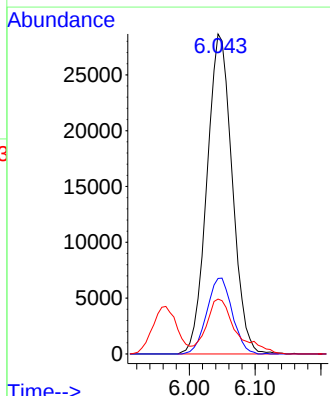
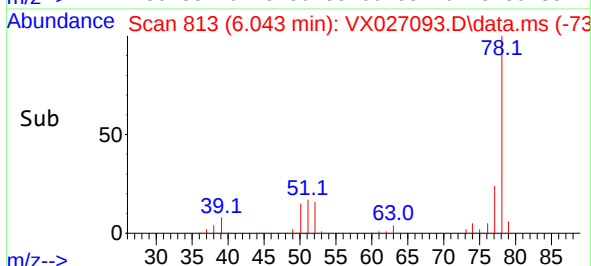
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

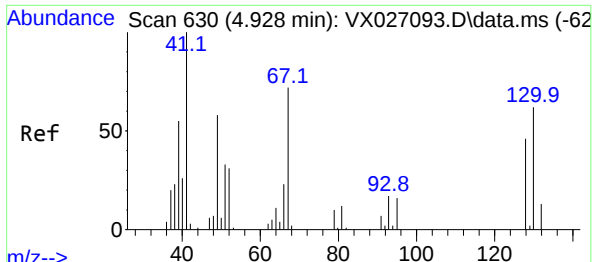


#34
Benzene
Concen: 20.433 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58



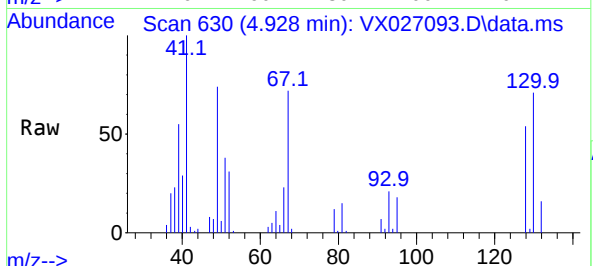
Tgt Ion: 78 Resp: 76570
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3
51 16.8 13.4 20.2





#35
Methacrylonitrile
Concen: 19.362 ug/l
RT: 4.928 min Scan# 614
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

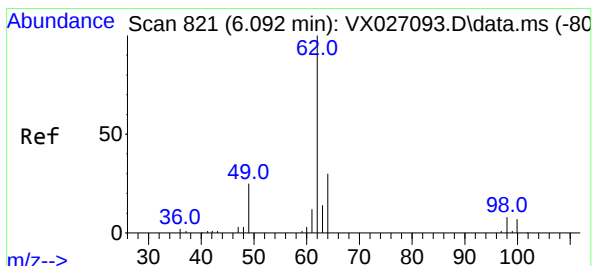
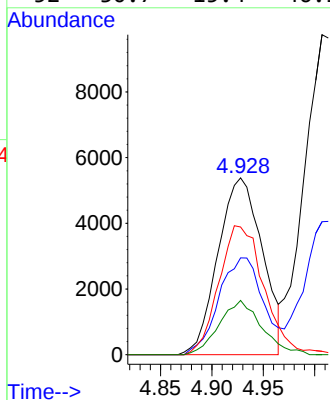
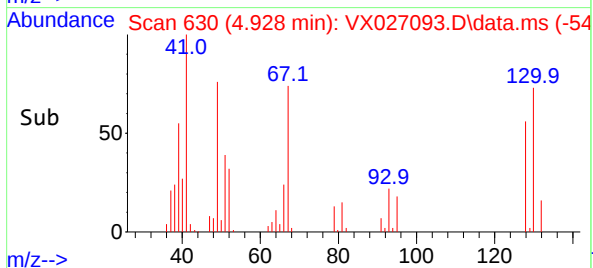
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



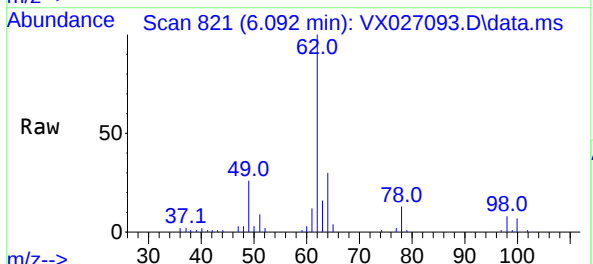
Tgt Ion: 41 Resp: 1614
Ion Ratio Lower Upper
41 100
39 54.7 27.4 82.0
67 72.2 36.1 108.3
52 30.7 15.4 46.1

Manual Integrations
APPROVED

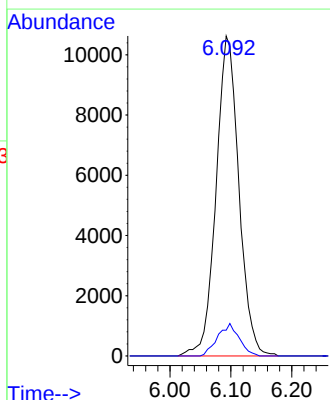
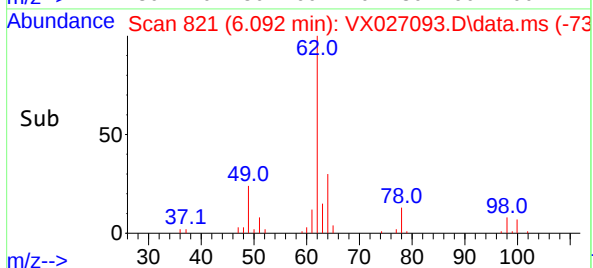
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

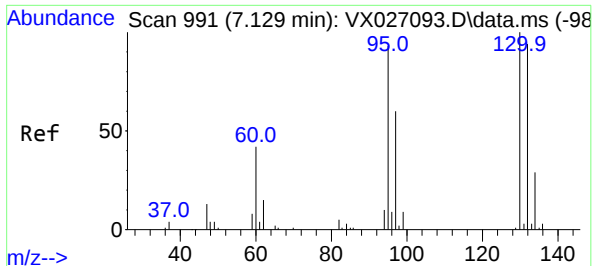


#36
1,2-Dichloroethane
Concen: 19.477 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58



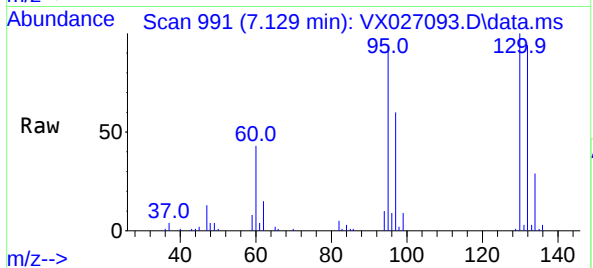
Tgt Ion: 62 Resp: 27618
Ion Ratio Lower Upper
62 100
98 9.5 7.6 11.4





#37
Trichloroethene
Concen: 21.498 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

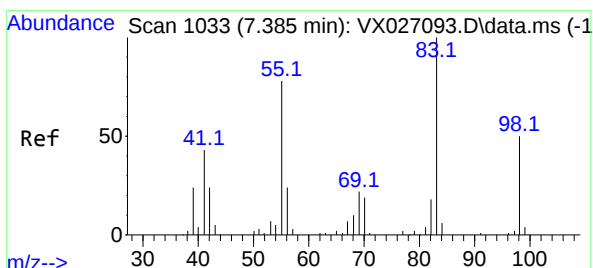
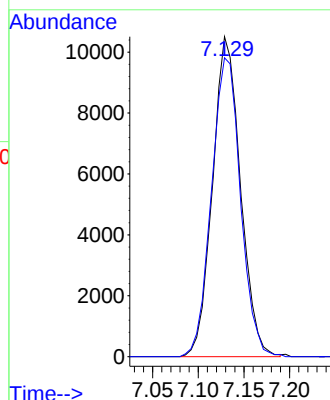
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:130 Resp: 2233
Ion Ratio Lower Upper
130 100
95 93.4 74.7 112.1

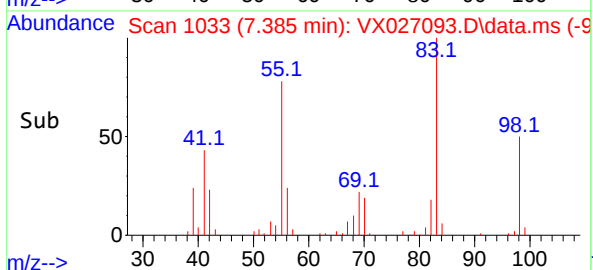
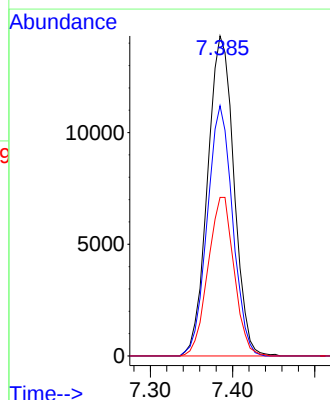
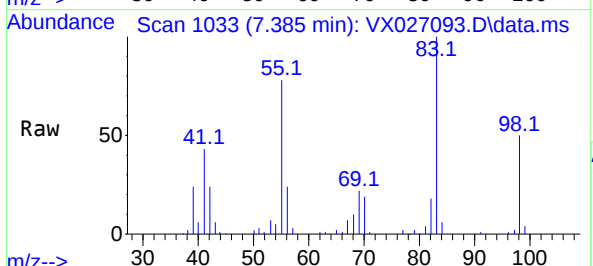
Manual Integrations
APPROVED

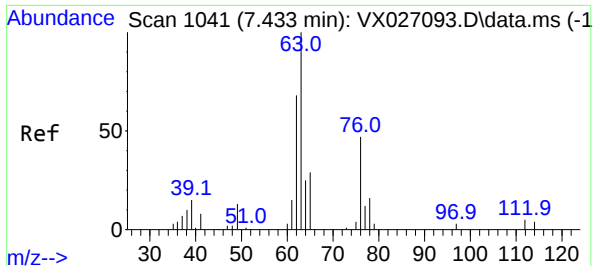
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#38
Methylcyclohexane
Concen: 20.097 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Tgt Ion: 83 Resp: 31925
Ion Ratio Lower Upper
83 100
55 75.3 37.6 112.9
98 49.1 24.6 73.6





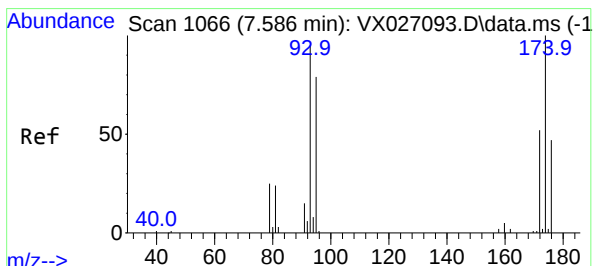
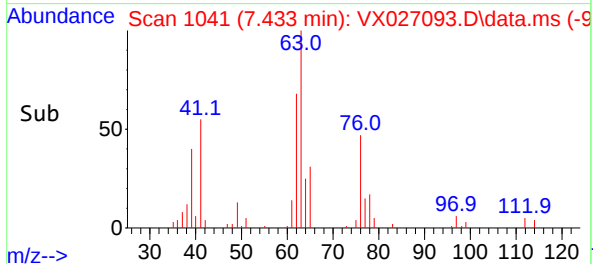
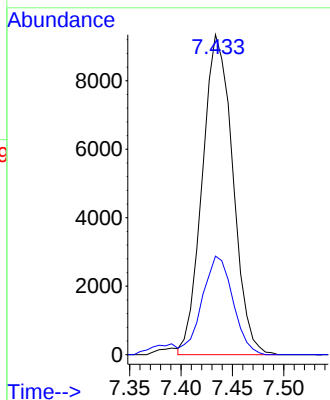
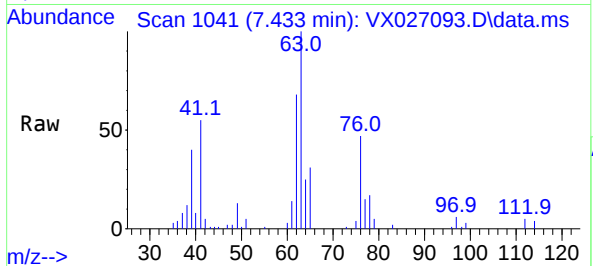
#39
1,2-Dichloropropane
Concen: 19.785 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 1928
Ion Ratio Lower Upper
63 100
65 30.8 24.6 37.0

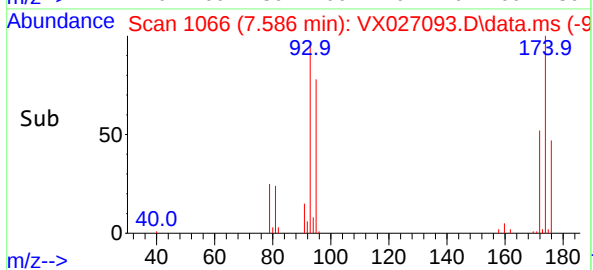
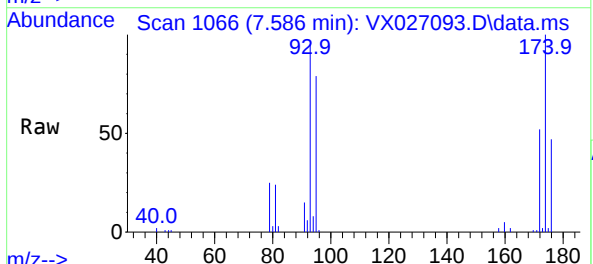
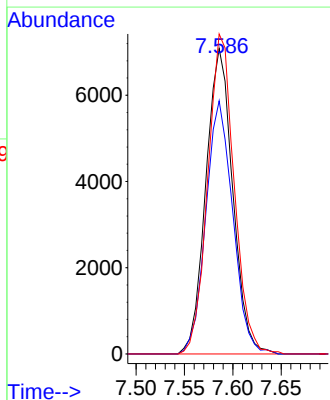
Manual Integrations
APPROVED

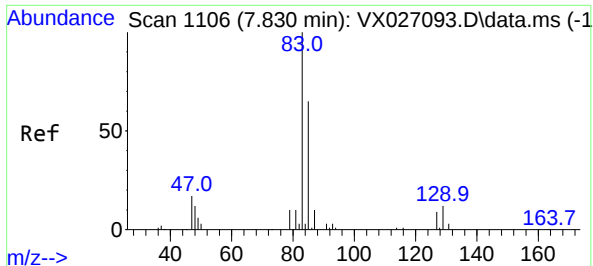
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#40
Dibromomethane
Concen: 19.814 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

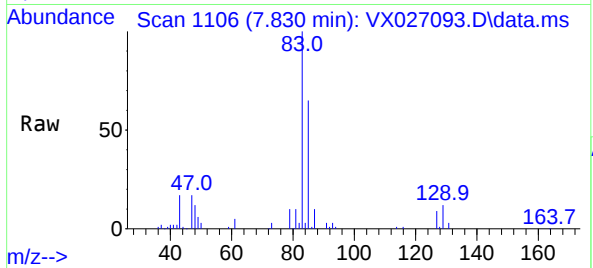
Tgt Ion: 93 Resp: 13704
Ion Ratio Lower Upper
93 100
95 83.1 0.0 166.2
174 102.9 0.0 205.8





#41
Bromodichloromethane
Concen: 20.134 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

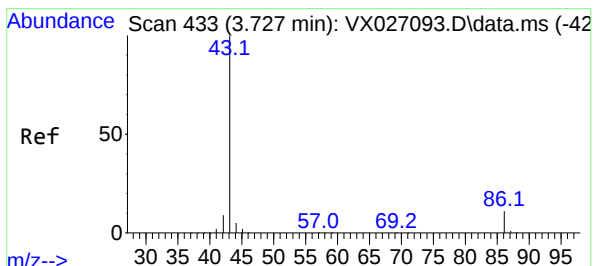
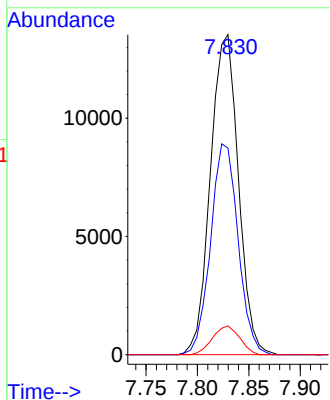
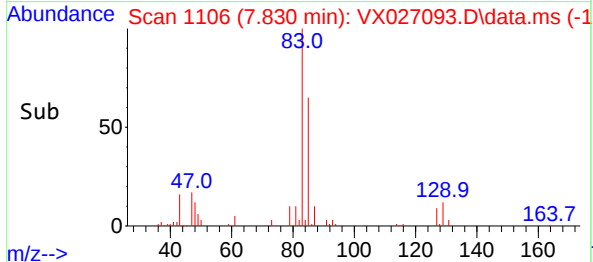
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



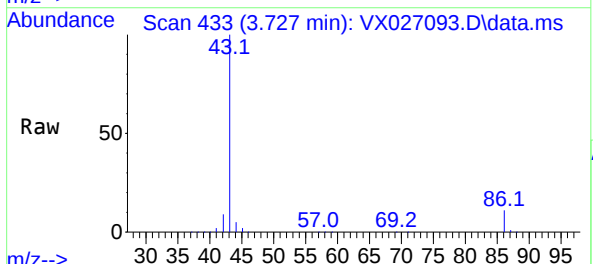
Tgt Ion: 83 Resp: 25619
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4
127 9.0 7.2 10.8

Manual Integrations
APPROVED

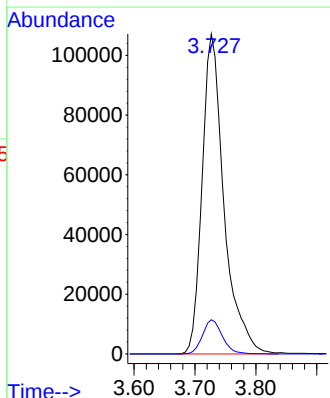
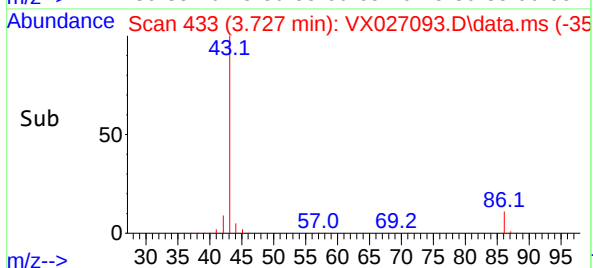
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

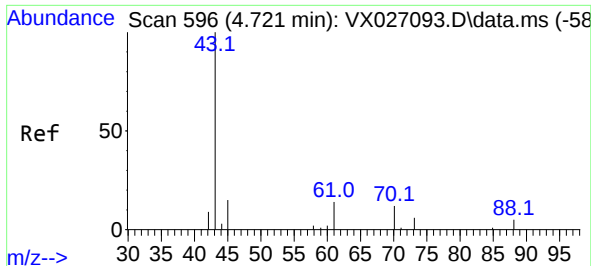


#42
Vinyl Acetate
Concen: 99.149 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58



Tgt Ion: 43 Resp: 267169
Ion Ratio Lower Upper
43 100
86 9.7 7.8 11.6





#43

Ethyl Acetate

Concen: 20.006 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX027093.D

Acq: 17 Feb 2022 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 30670

Ion Ratio Lower Upper

43 100

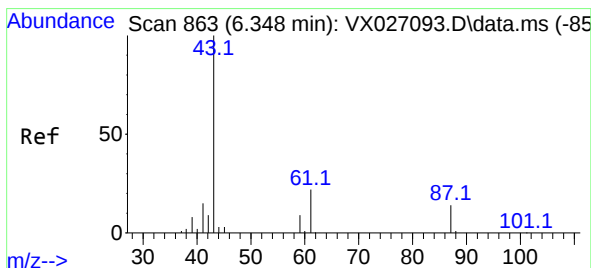
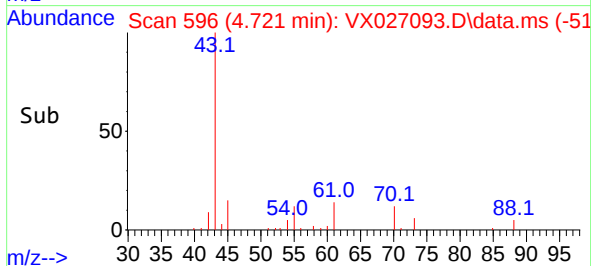
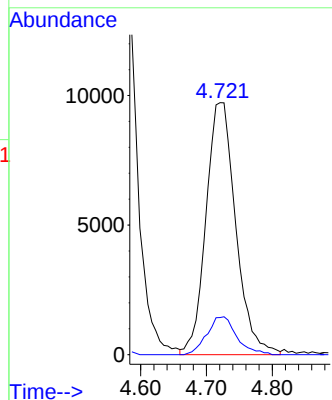
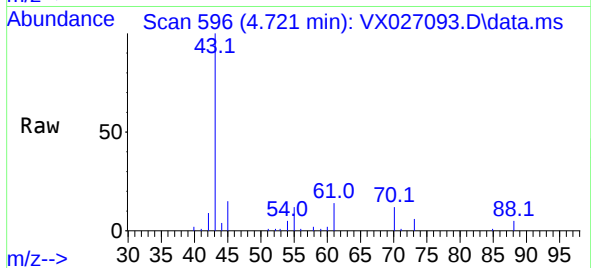
45 15.0 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#44

Isopropyl Acetate

Concen: 18.919 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX027093.D

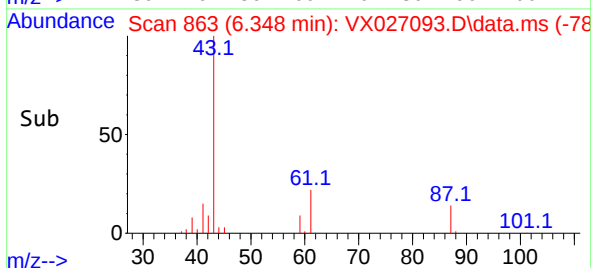
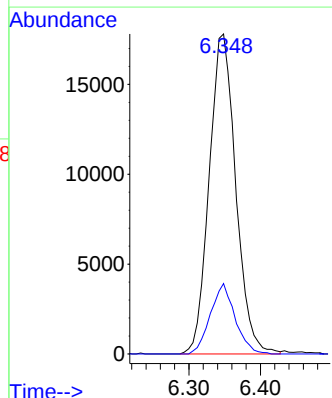
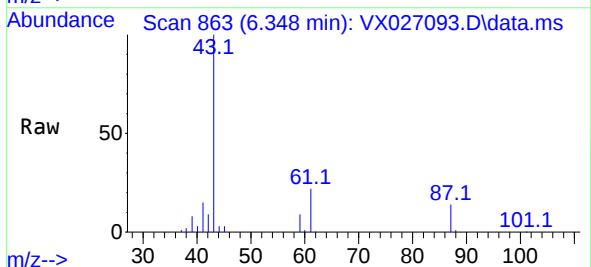
Acq: 17 Feb 2022 21:58

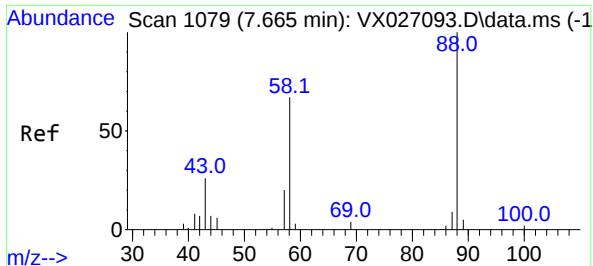
Tgt Ion: 43 Resp: 45961

Ion Ratio Lower Upper

43 100

61 20.5 16.4 24.6





#45
1,4-Dioxane
Concen: 390.749 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

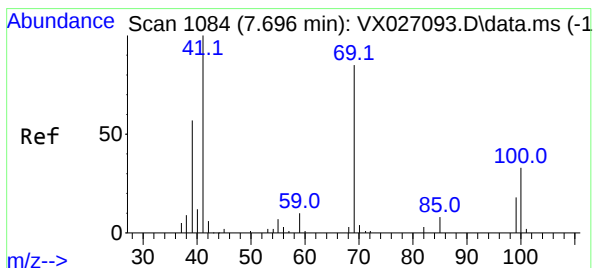
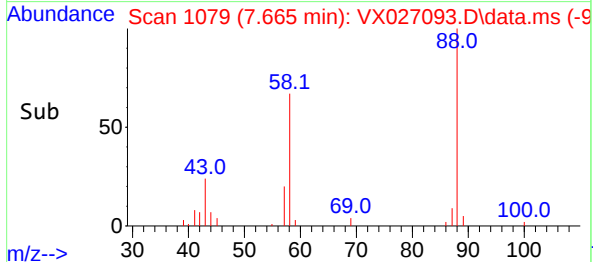
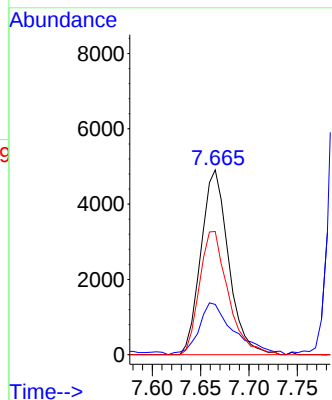
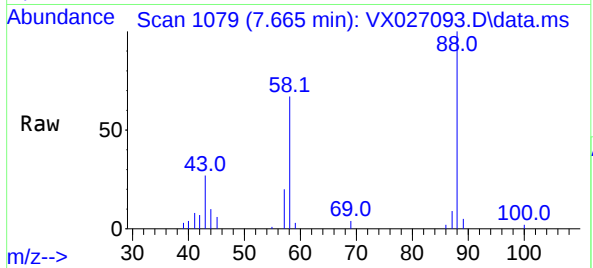
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 88 Resp: 9754

Ion	Ratio	Lower	Upper
88	100		
43	35.4	28.3	42.5
58	69.3	55.4	83.2

Manual Integrations
APPROVED

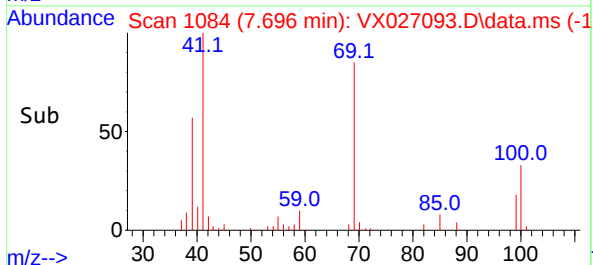
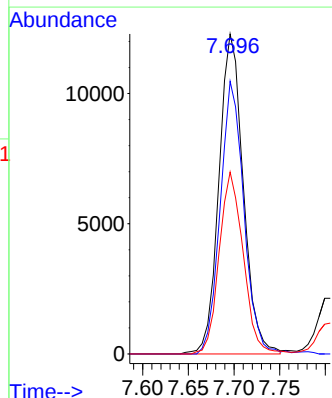
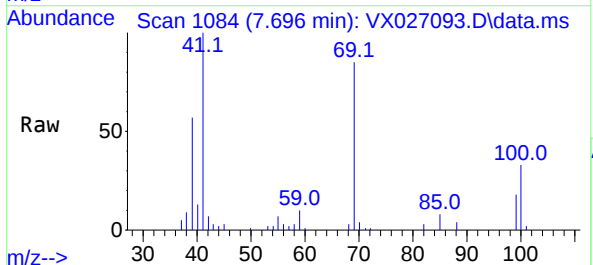
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

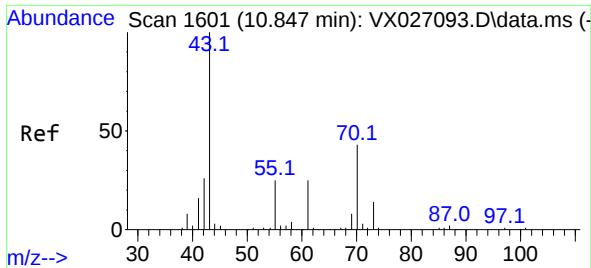


#46
Methyl methacrylate
Concen: 19.302 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Tgt Ion: 41 Resp: 22705

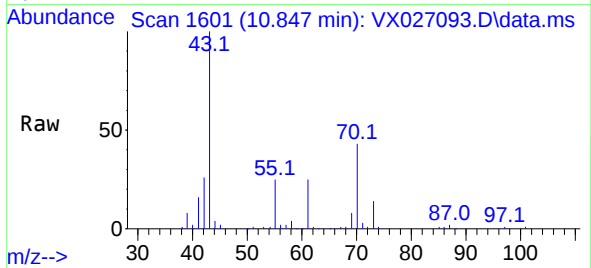
Ion	Ratio	Lower	Upper
41	100		
69	85.2	42.6	127.8
39	56.9	28.4	85.3





#47
n-amy1 Acetate
Concen: 17.798 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

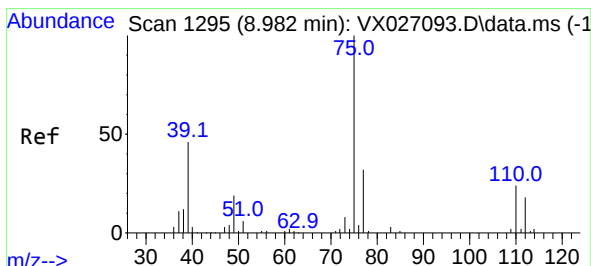
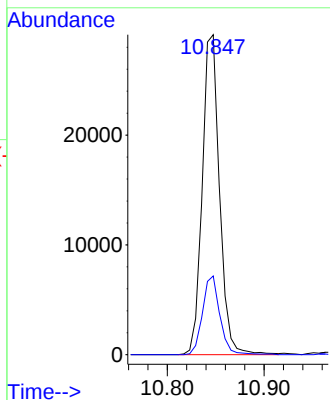
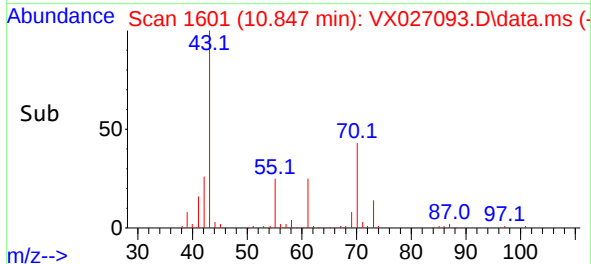
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



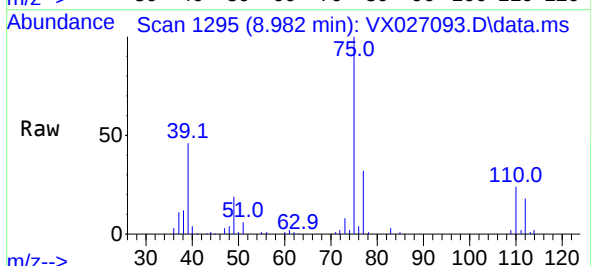
Tgt Ion: 43 Resp: 36375
Ion Ratio Lower Upper
43 100
55 24.6 19.7 29.5

Manual Integrations
APPROVED

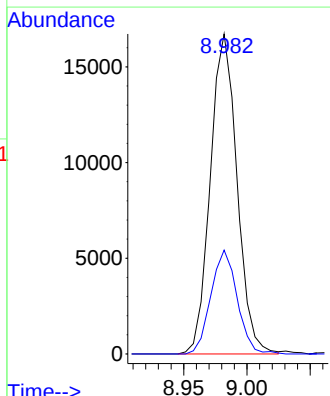
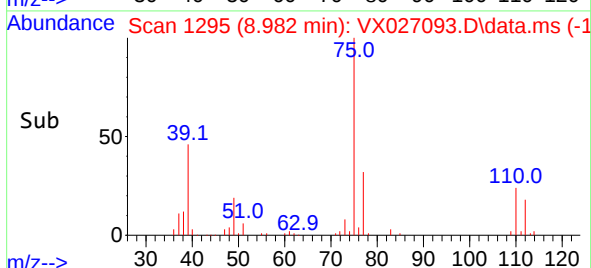
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

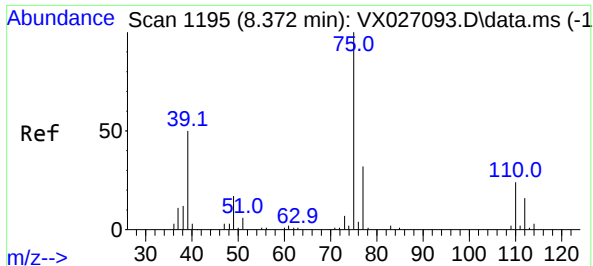


#48
t-1,3-Dichloropropene
Concen: 17.098 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58



Tgt Ion: 75 Resp: 24527
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9





#49

cis-1,3-Dichloropropene

Concen: 18.609 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX027093.D

Acq: 17 Feb 2022 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 2868

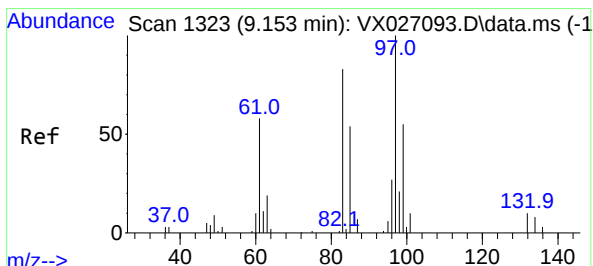
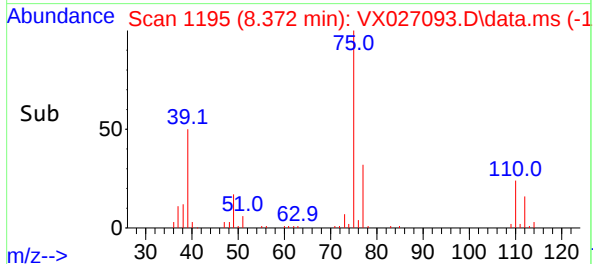
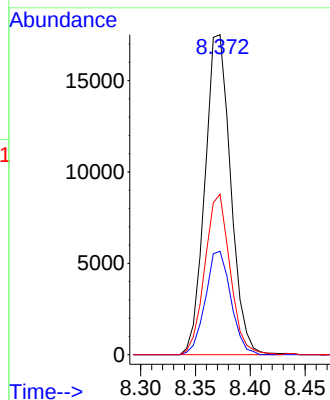
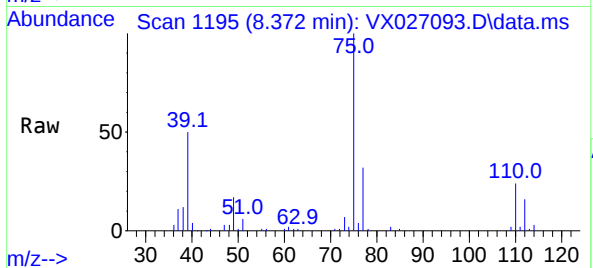
Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8
39	50.1	40.1	60.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#50

1,1,2-Trichloroethane

Concen: 19.760 ug/l

RT: 9.153 min Scan# 1323

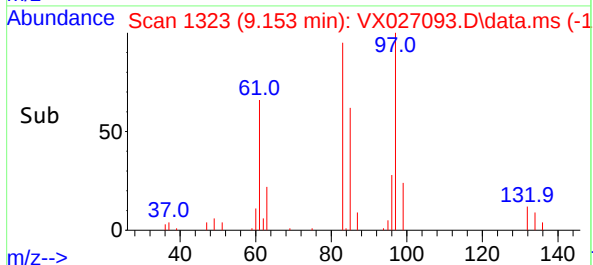
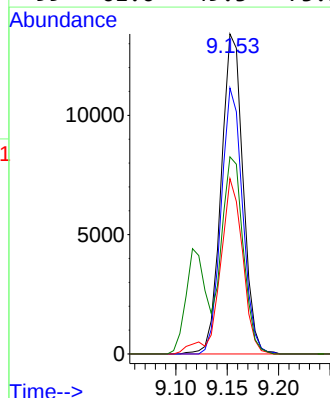
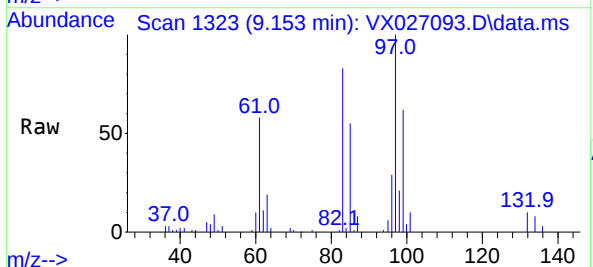
Delta R.T. 0.000 min

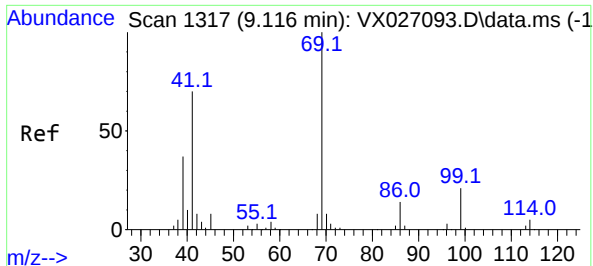
Lab File: VX027093.D

Acq: 17 Feb 2022 21:58

Tgt Ion: 97 Resp: 19800

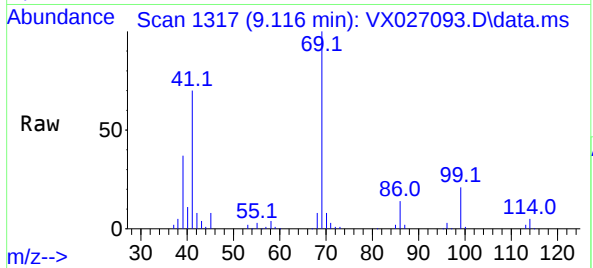
Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.5	99.7
85	54.8	43.8	65.8
99	61.6	49.3	73.9





#51
Ethyl methacrylate
Concen: 19.259 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

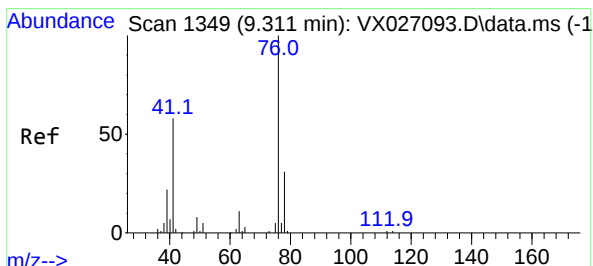
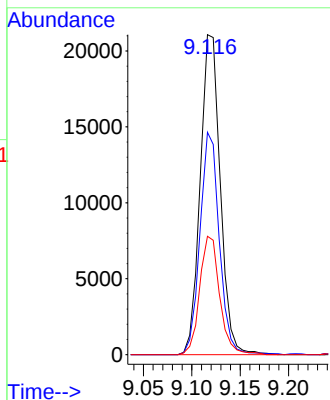
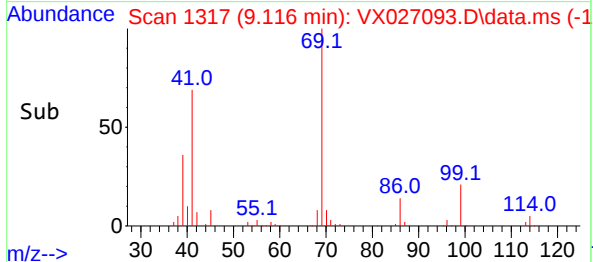
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



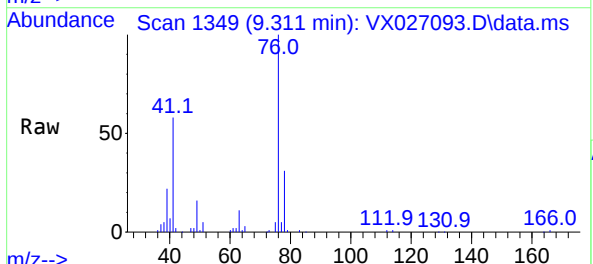
Tgt Ion: 69 Resp: 30512
Ion Ratio Lower Upper
69 100
41 69.5 34.8 104.3
39 37.0 18.5 55.5

Manual Integrations
APPROVED

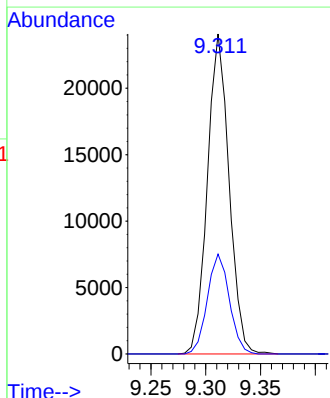
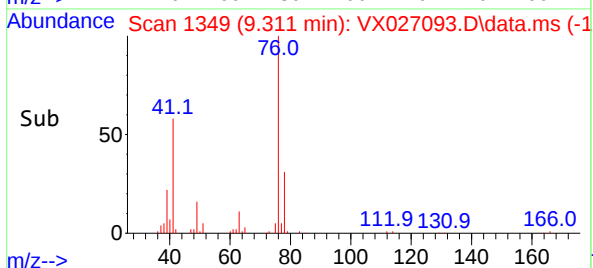
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

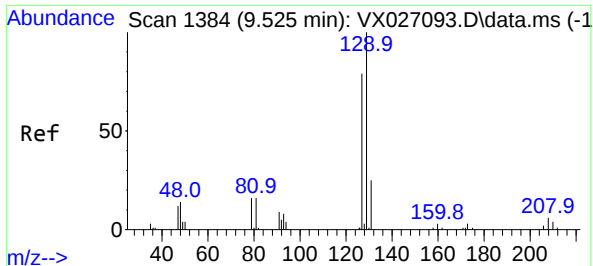


#52
1,3-Dichloropropane
Concen: 20.098 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58



Tgt Ion: 76 Resp: 33099
Ion Ratio Lower Upper
76 100
78 31.6 0.0 63.2





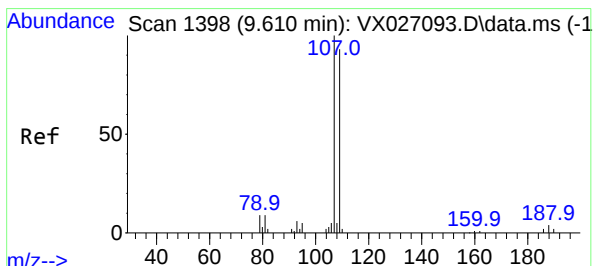
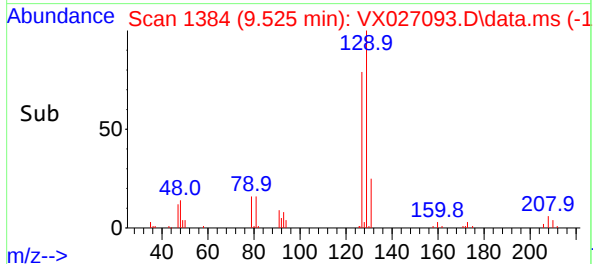
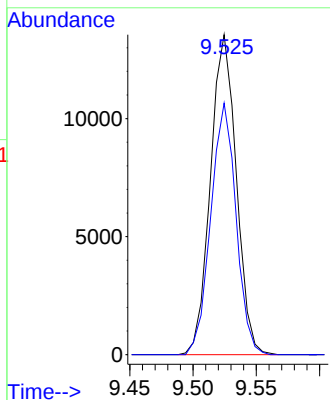
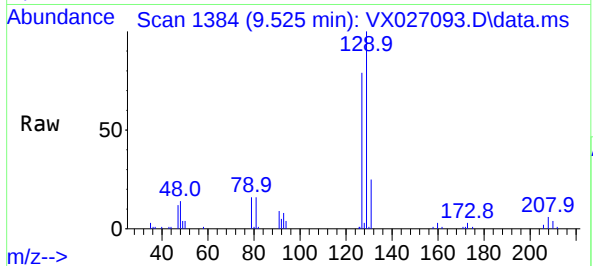
#53
Dibromochloromethane
Concen: 19.059 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 19250
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2

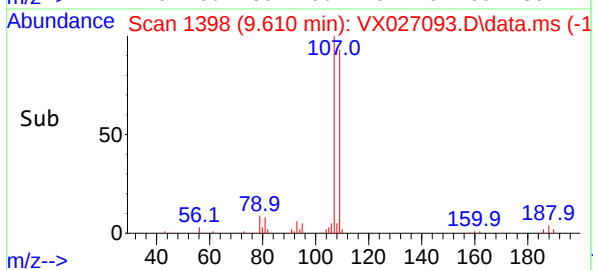
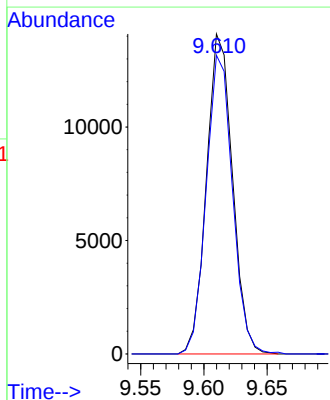
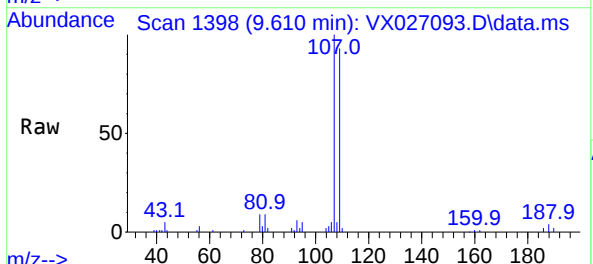
Manual Integrations
APPROVED

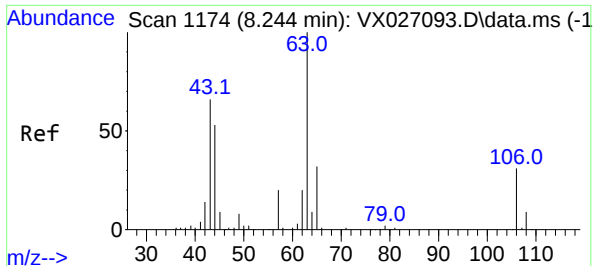
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#54
1,2-Dibromoethane
Concen: 19.141 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Tgt Ion:107 Resp: 20139
Ion Ratio Lower Upper
107 100
109 94.4 75.5 113.3





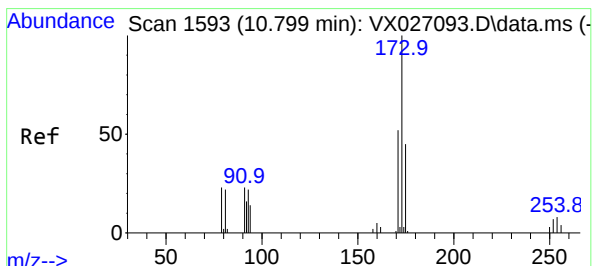
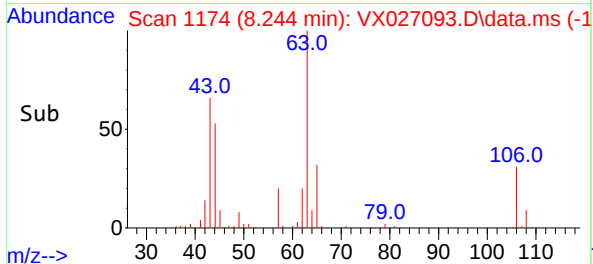
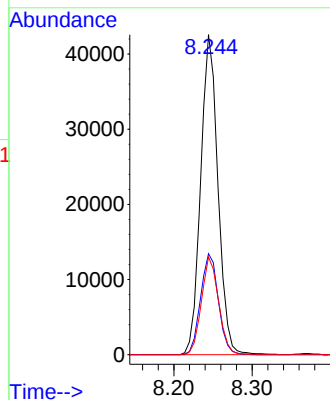
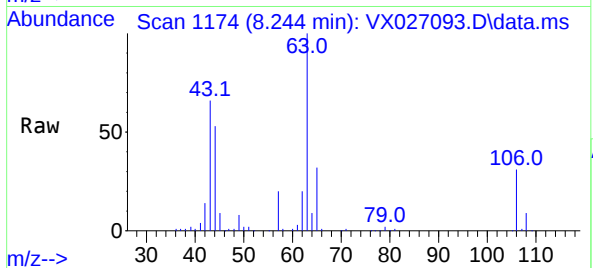
#55
2-Chloroethyl vinyl ether
Concen: 85.498 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 6530
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 30.3 24.2 36.4

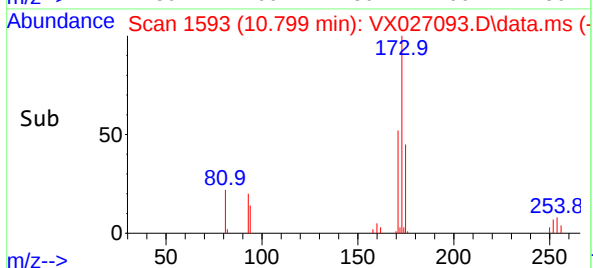
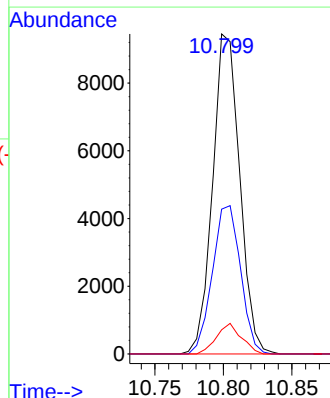
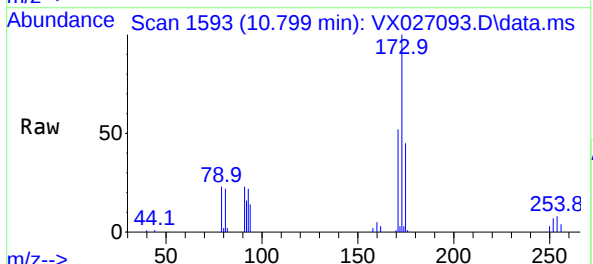
Manual Integrations
APPROVED

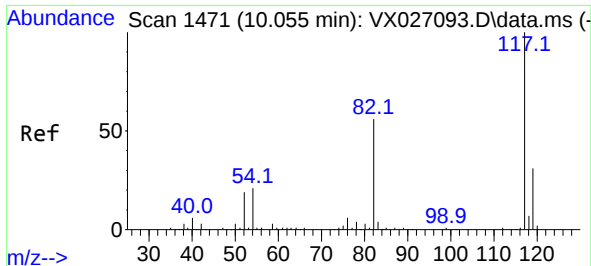
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#56
Bromoform
Concen: 18.134 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Tgt Ion:173 Resp: 12994
Ion Ratio Lower Upper
173 100
175 48.1 38.5 57.7
254 8.8 7.0 10.6





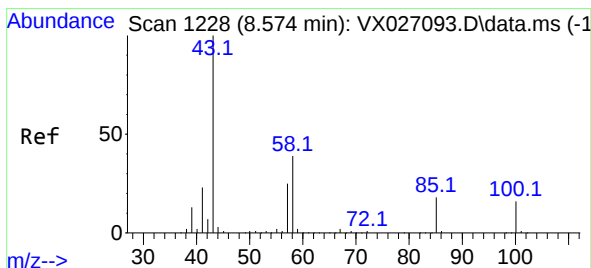
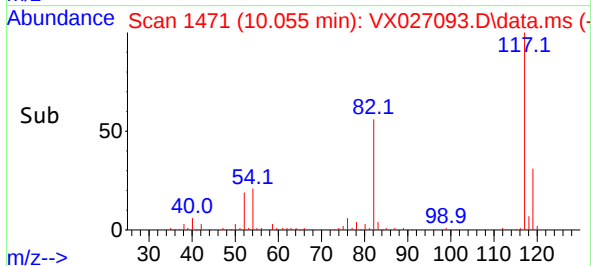
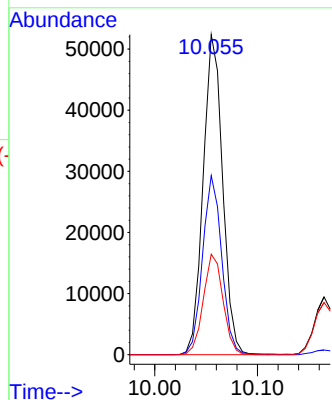
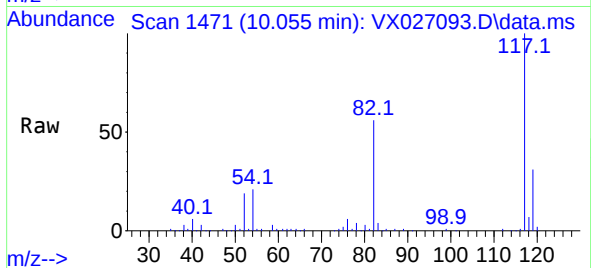
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 117 Resp: 6917
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 31.7 25.4 38.0

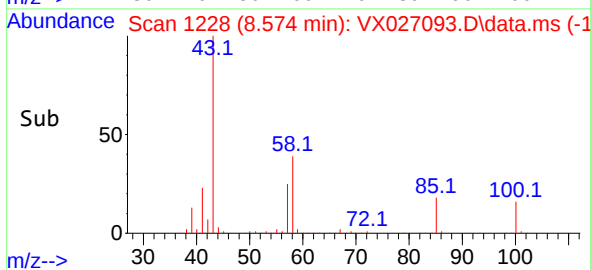
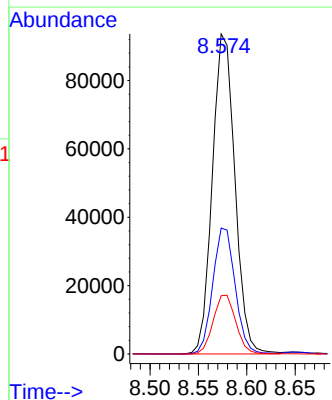
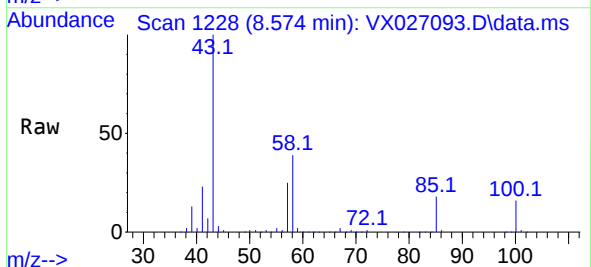
Manual Integrations
APPROVED

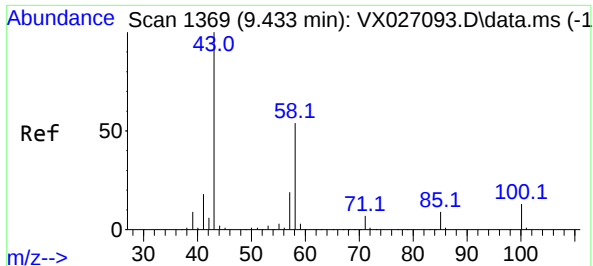
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#58
4-Methyl-2-Pentanone
Concen: 101.852 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Tgt Ion: 43 Resp: 152171
Ion Ratio Lower Upper
43 100
58 39.0 31.2 46.8
85 18.5 14.8 22.2





#59

2-Hexanone

Concen: 100.212 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027093.D

Acq: 17 Feb 2022 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 11510

Ion Ratio Lower Upper

43 100

58 54.3 43.4 65.2

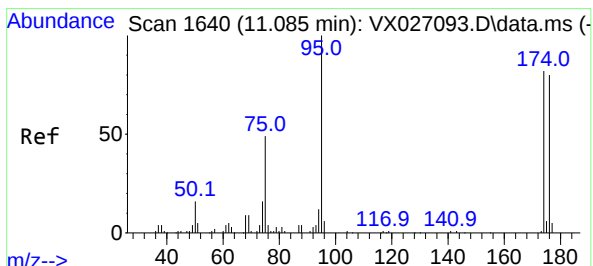
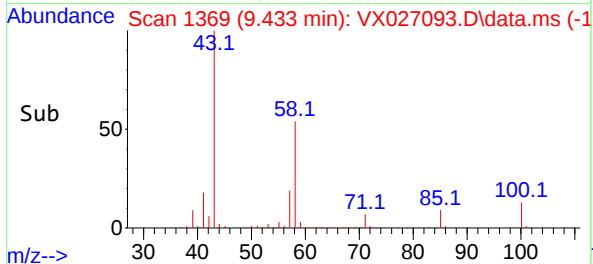
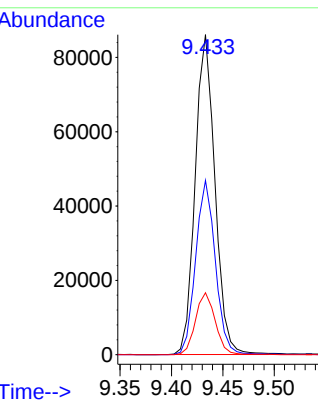
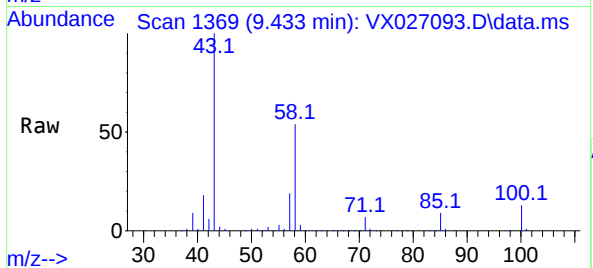
57 19.3 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#60

4-Bromofluorobenzene

Concen: 29.784 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027093.D

Acq: 17 Feb 2022 21:58

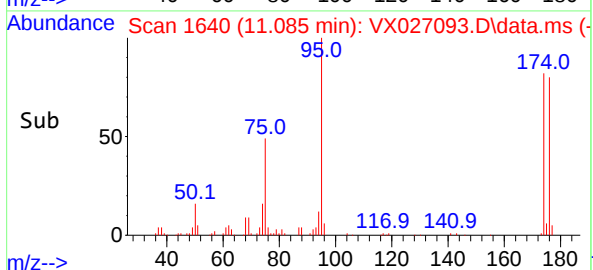
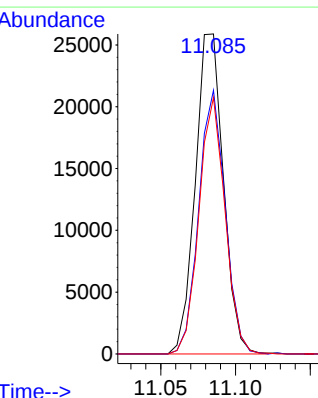
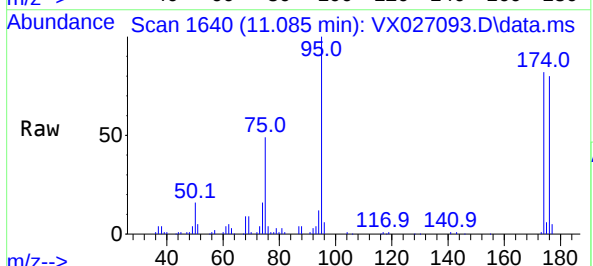
Tgt Ion: 95 Resp: 33890

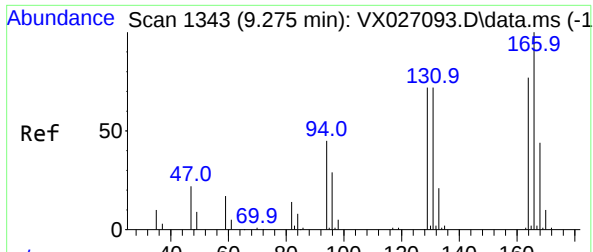
Ion Ratio Lower Upper

95 100

174 77.3 61.8 92.8

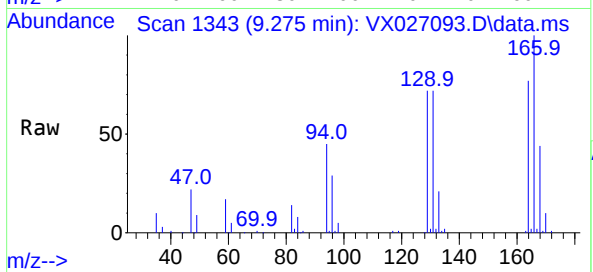
176 74.3 59.4 89.2





#61
Tetrachloroethene
Concen: 24.240 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

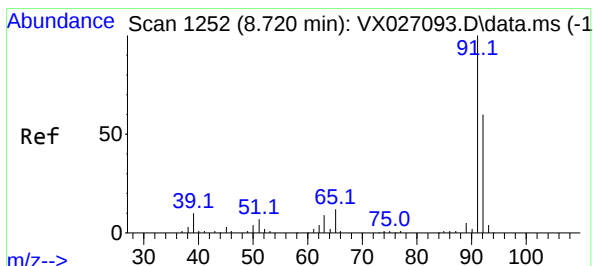
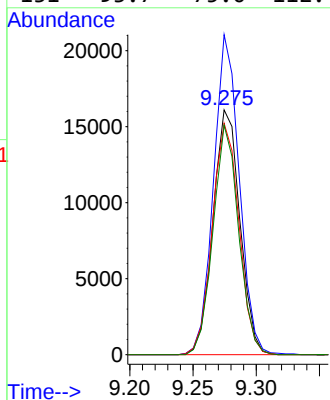
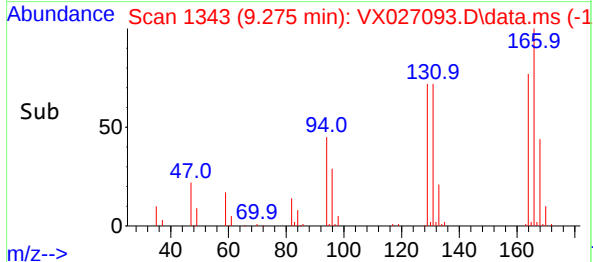
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 23800
Ion Ratio Lower Upper
164 100
166 130.7 104.6 156.8
129 94.5 75.6 113.4
131 93.7 75.0 112.4

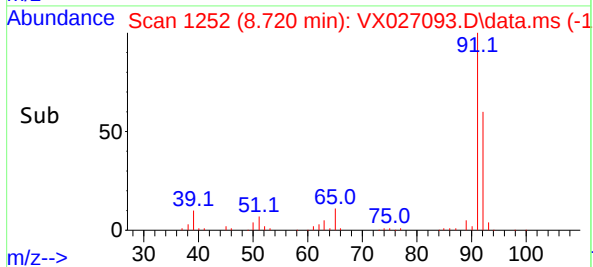
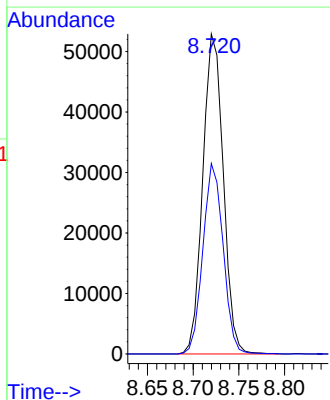
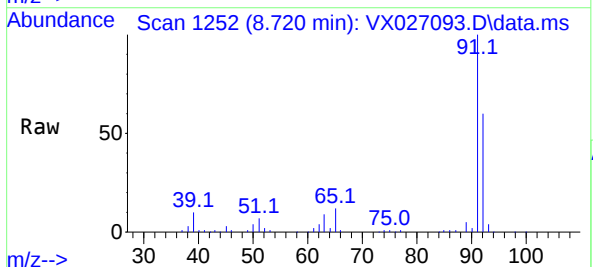
Manual Integrations
APPROVED

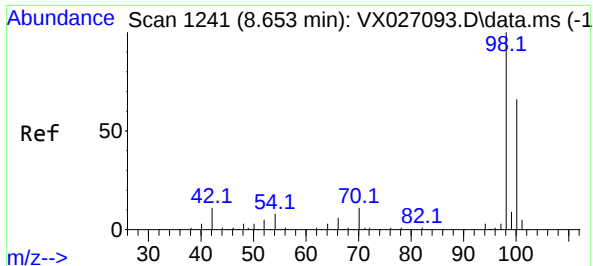
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#62
Toluene
Concen: 20.790 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Tgt Ion: 91 Resp: 82348
Ion Ratio Lower Upper
91 100
92 58.8 47.0 70.6





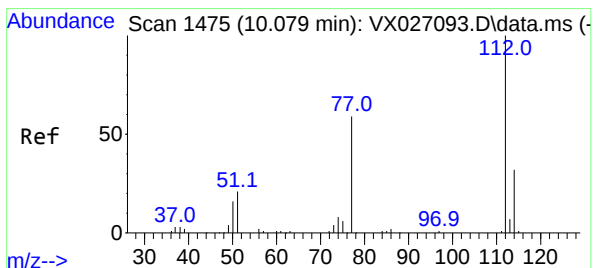
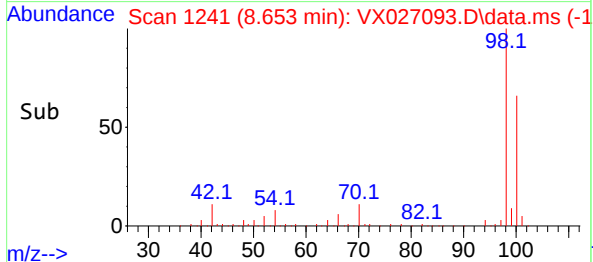
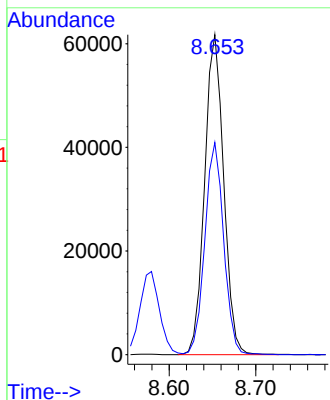
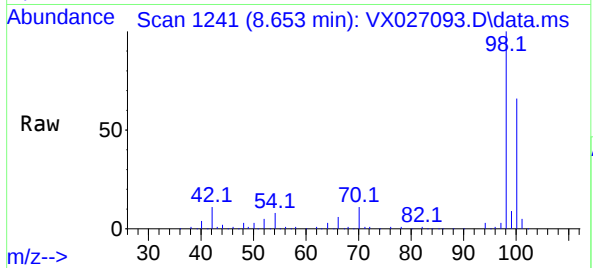
#63
Toluene-d8
Concen: 30.343 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 98 Resp: 9427
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

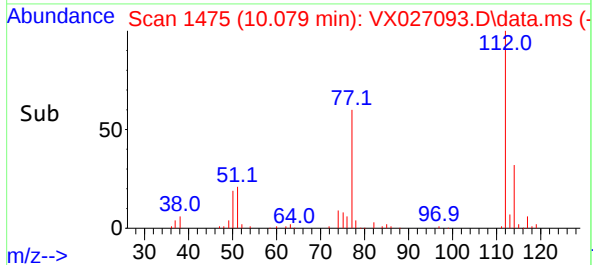
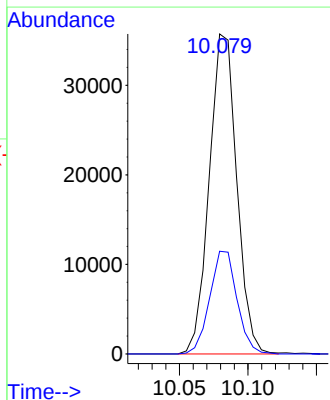
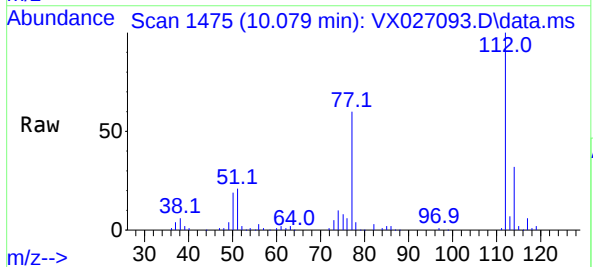
Manual Integrations
APPROVED

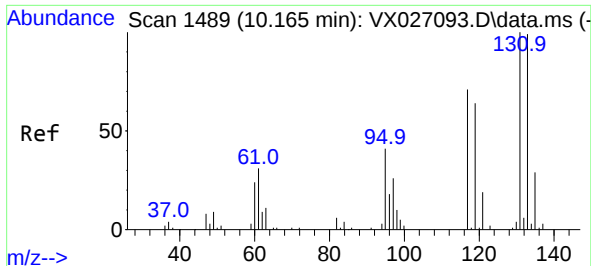
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#64
Chlorobenzene
Concen: 20.056 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

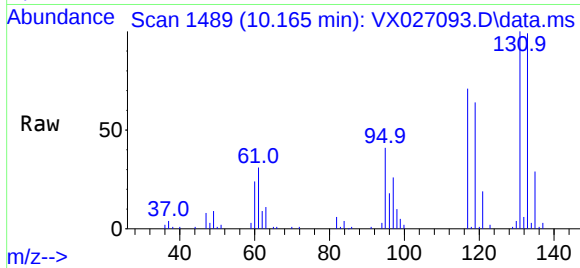
Tgt Ion:112 Resp: 49894
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 19.600 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

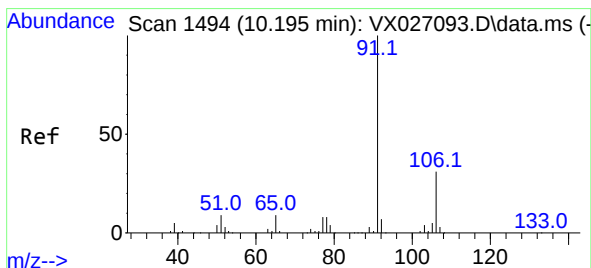
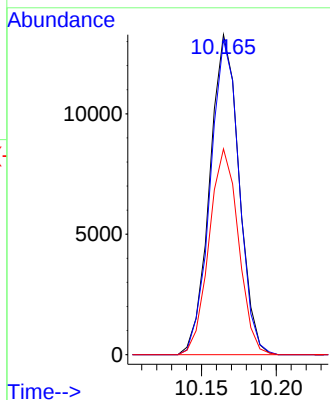
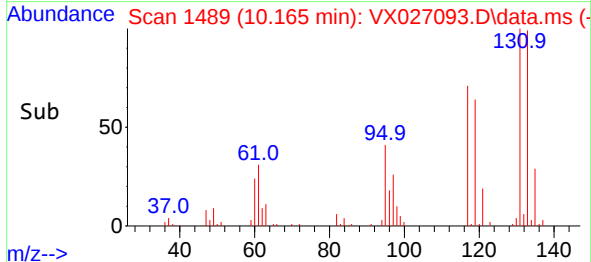
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



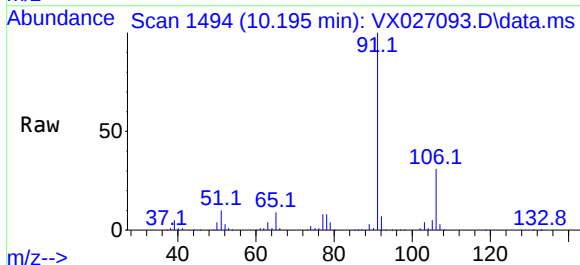
Tgt Ion:131 Resp: 1806
Ion Ratio Lower Upper
131 100
133 96.8 0.0 193.6
119 64.7 0.0 129.4

Manual Integrations
APPROVED

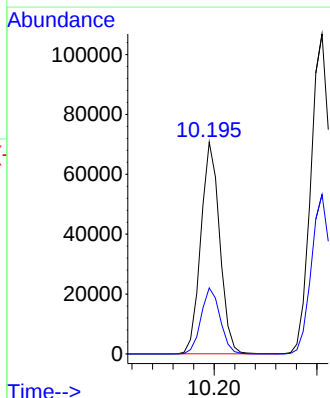
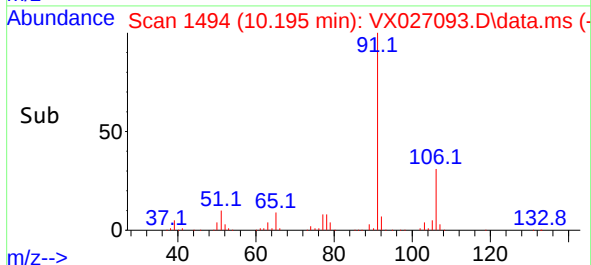
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

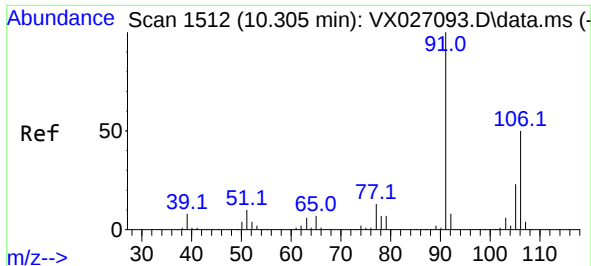


#66
Ethyl Benzene
Concen: 20.544 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58



Tgt Ion: 91 Resp: 90287
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4





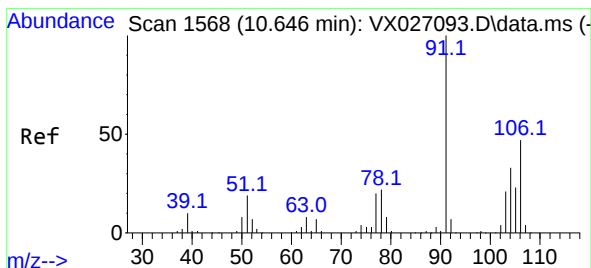
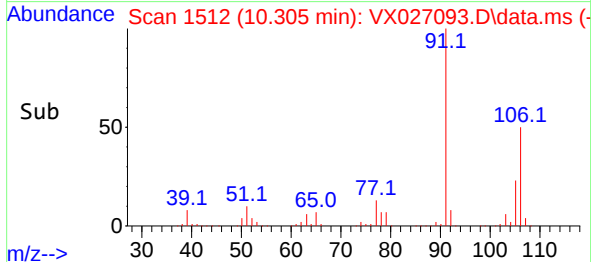
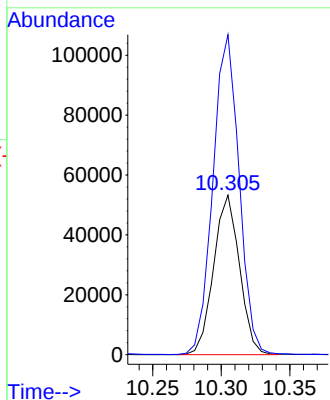
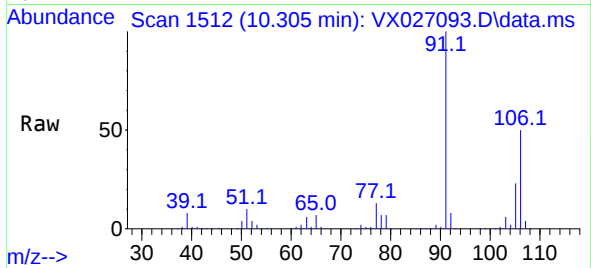
#67
m/p-Xylenes
Concen: 41.216 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 69972
Ion Ratio Lower Upper
106 100
91 203.0 162.4 243.6

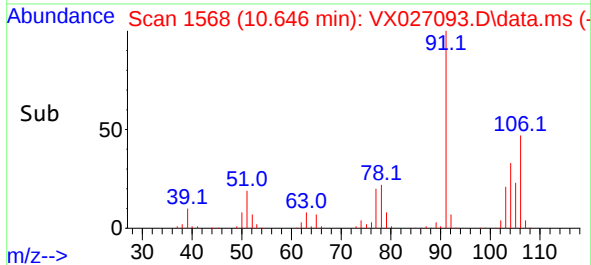
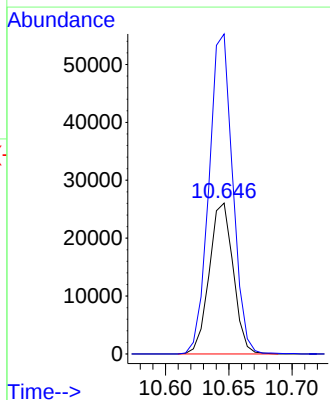
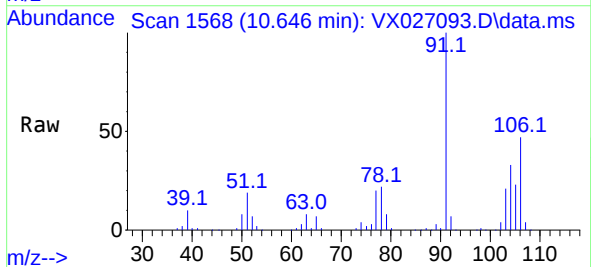
Manual Integrations
APPROVED

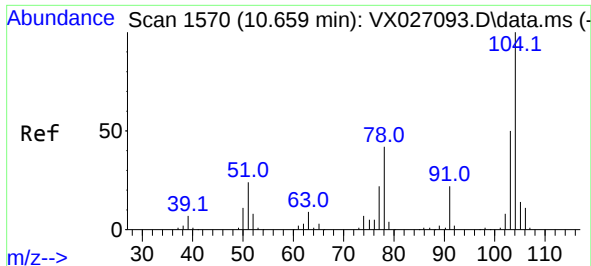
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#68
o-Xylene
Concen: 20.491 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Tgt Ion:106 Resp: 34300
Ion Ratio Lower Upper
106 100
91 209.8 104.9 314.7





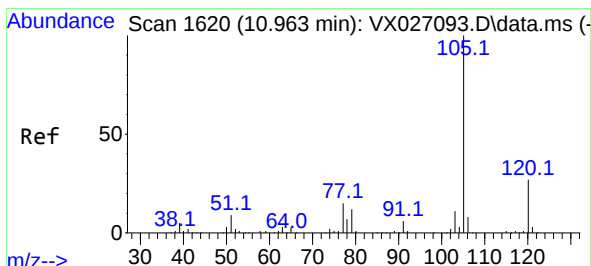
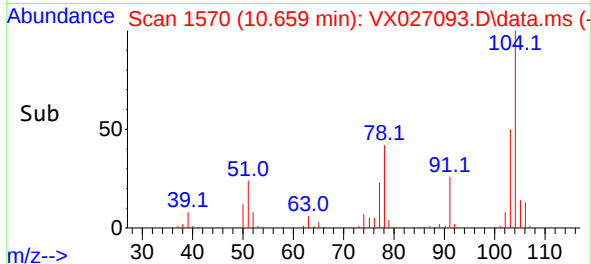
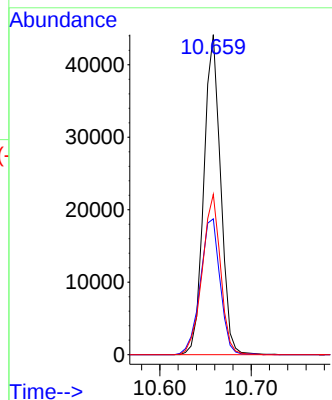
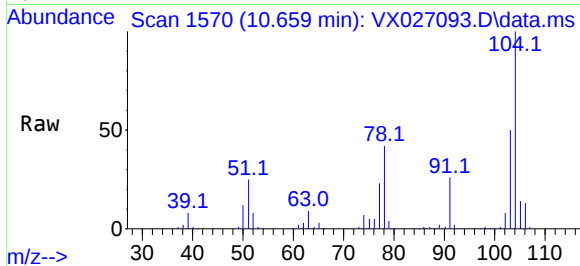
#69
Styrene
Concen: 20.372 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 56302
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 54.5 43.6 65.4

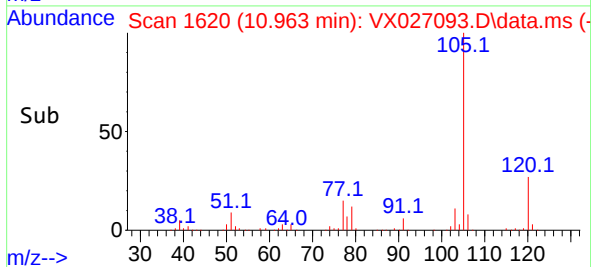
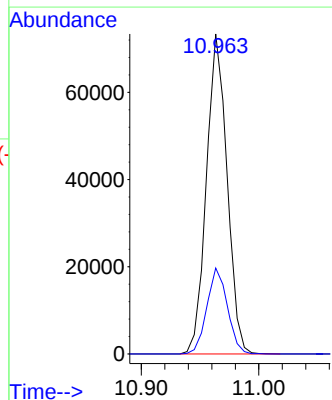
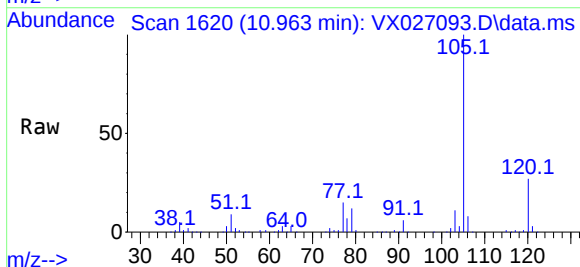
Manual Integrations
APPROVED

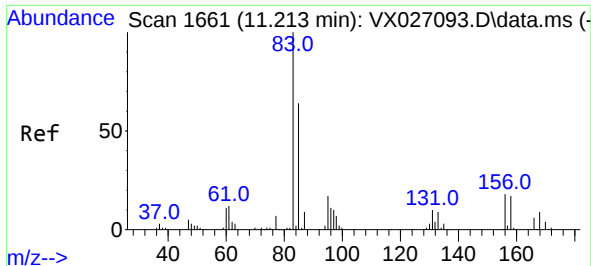
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#70
Isopropylbenzene
Concen: 20.338 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Tgt Ion:105 Resp: 89562
Ion Ratio Lower Upper
105 100
120 26.7 18.7 34.7





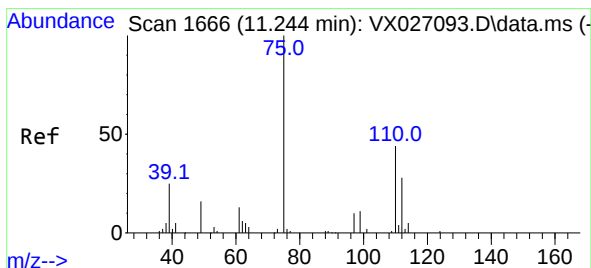
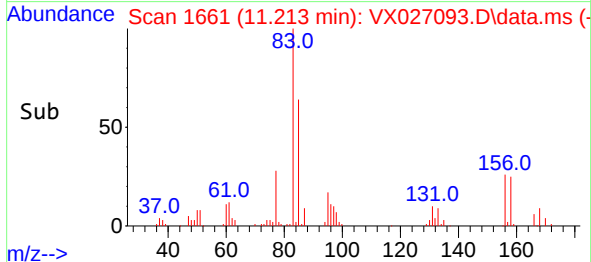
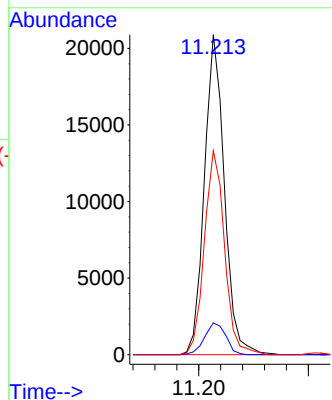
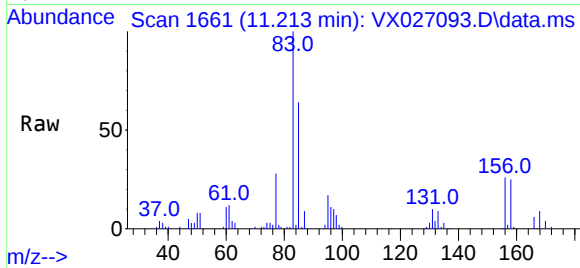
#71
1,1,2,2-Tetrachloroethane
Concen: 19.229 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 2644
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.9
85 64.4 32.2 96.6

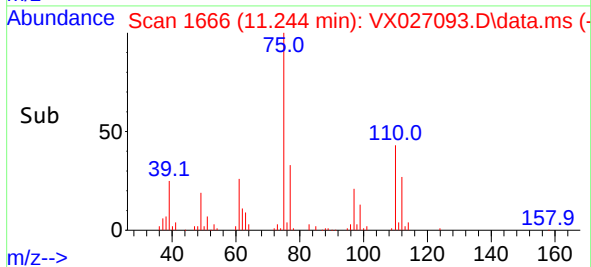
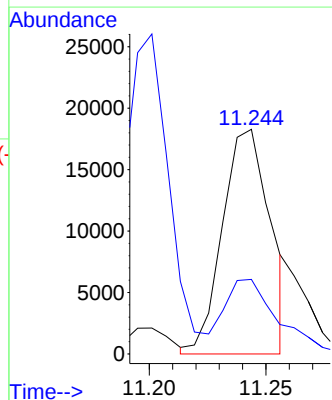
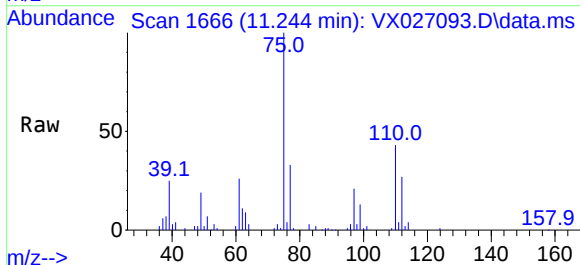
Manual Integrations
APPROVED

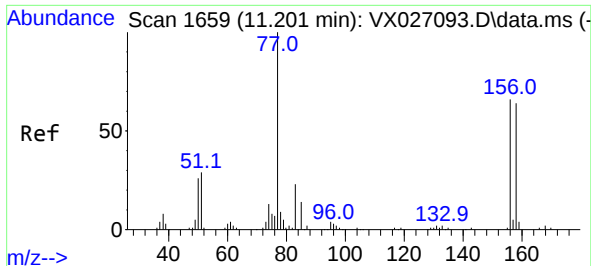
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#72
1,2,3-Trichloropropane
Concen: 20.044 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Tgt Ion: 75 Resp: 26015
Ion Ratio Lower Upper
75 100
77 37.0 0.0 74.0





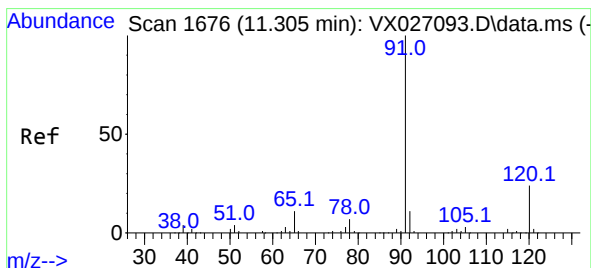
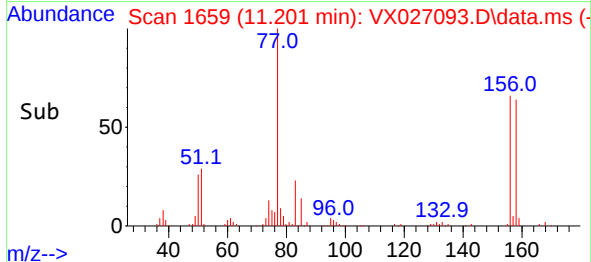
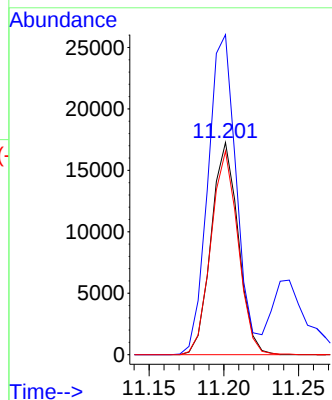
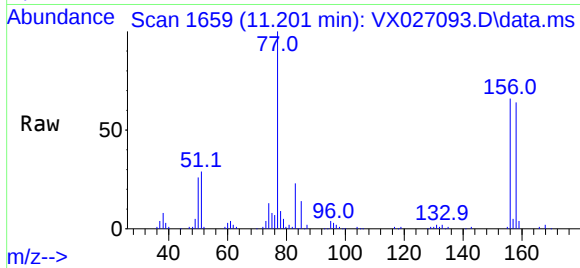
#73
Bromobenzene
Concen: 20.373 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:156 Resp: 2180
Ion Ratio Lower Upper
156 100
77 159.0 0.0 318.0
158 95.9 0.0 191.8

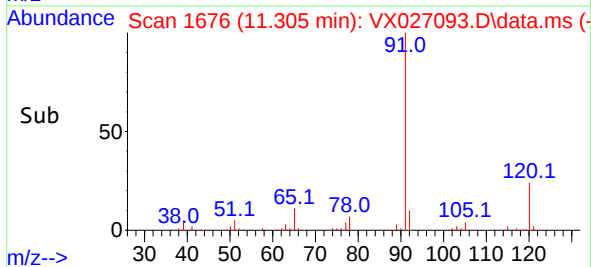
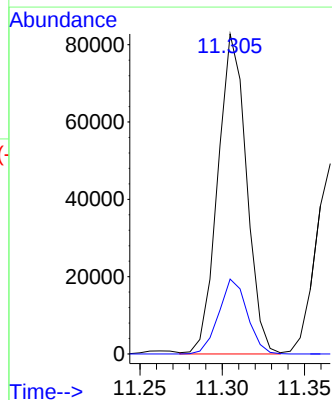
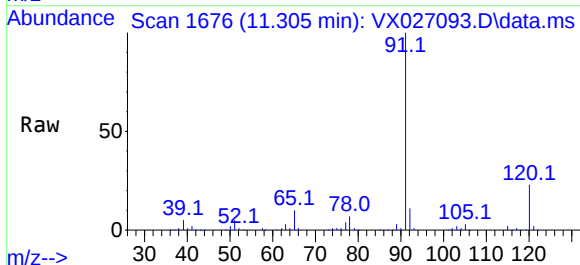
Manual Integrations
APPROVED

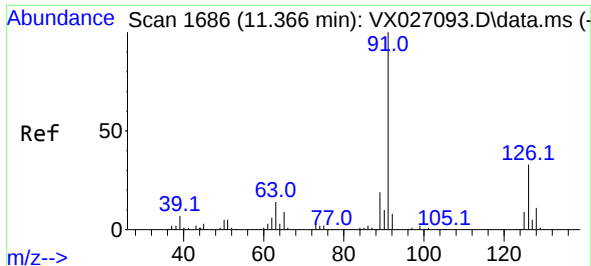
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#74
n-propylbenzene
Concen: 19.790 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Tgt Ion: 91 Resp: 100355
Ion Ratio Lower Upper
91 100
120 23.2 0.0 46.4





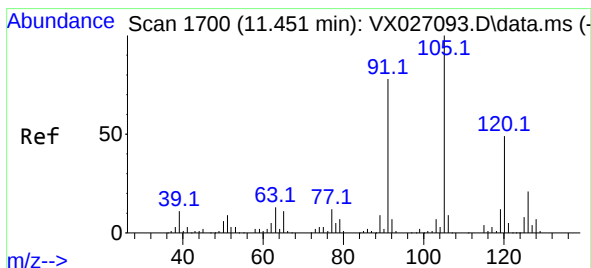
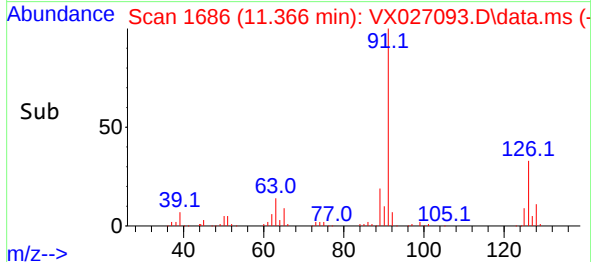
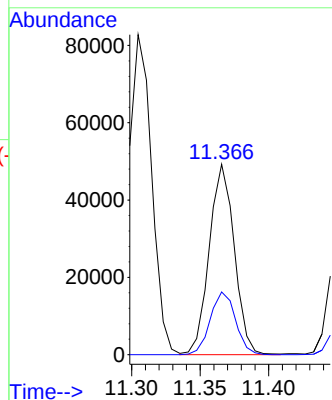
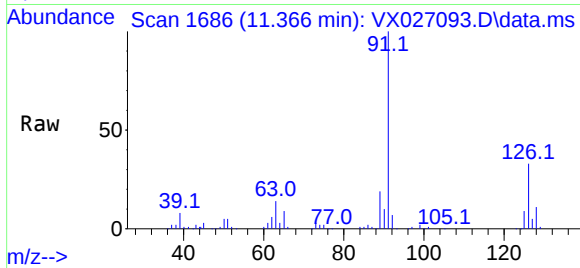
#75
2-Chlorotoluene
Concen: 20.543 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 6271
Ion Ratio Lower Upper
91 100
126 33.1 0.0 66.2

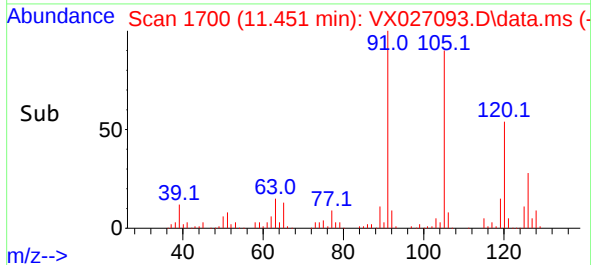
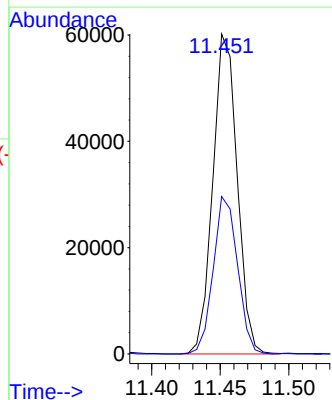
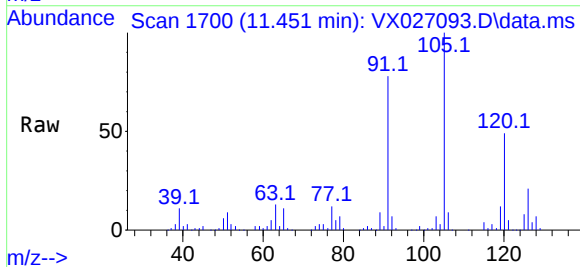
Manual Integrations
APPROVED

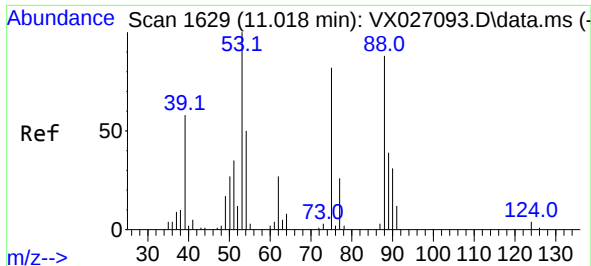
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.391 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Tgt Ion:105 Resp: 74404
Ion Ratio Lower Upper
105 100
120 49.0 0.0 98.0





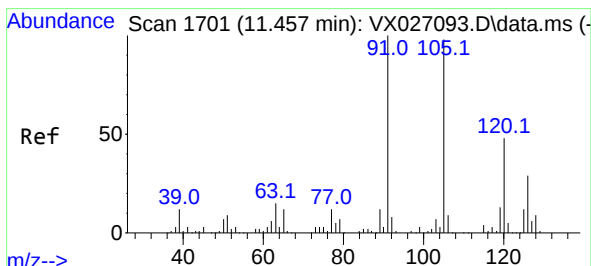
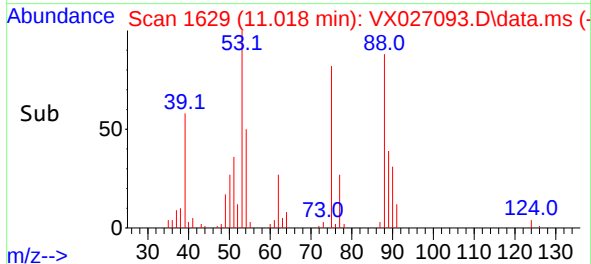
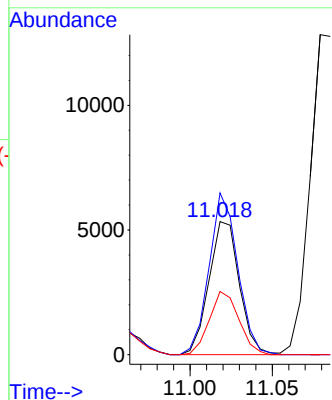
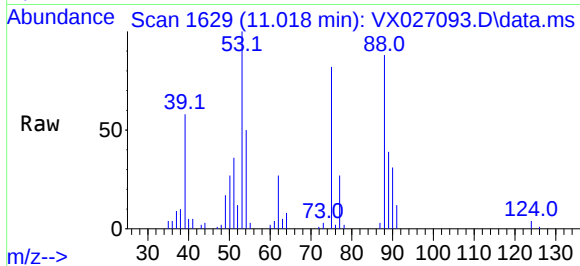
#77
t-1,4-Dichloro-2-butene
Concen: 15.432 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 689
Ion Ratio Lower Upper
75 100
53 121.5 60.8 182.3
89 47.5 23.8 71.2

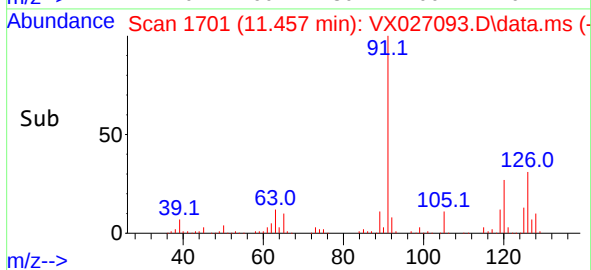
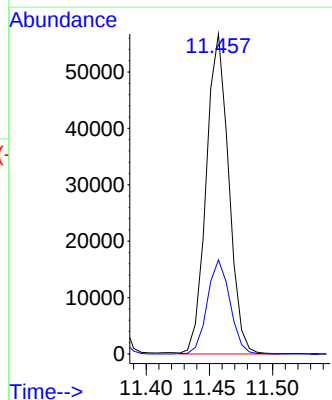
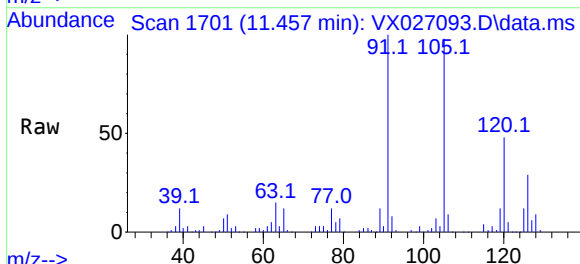
Manual Integrations
APPROVED

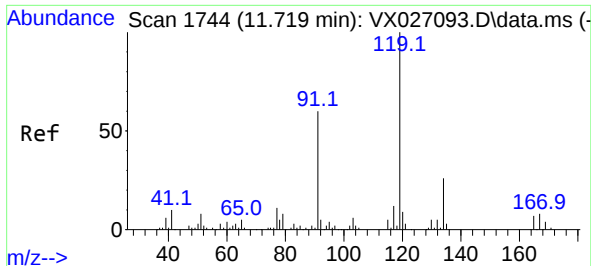
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#78
4-Chlorotoluene
Concen: 20.345 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

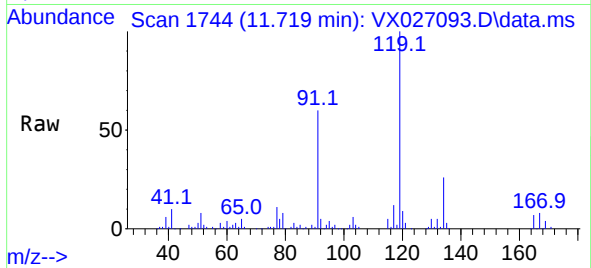
Tgt Ion: 91 Resp: 70163
Ion Ratio Lower Upper
91 100
126 29.5 0.0 59.0





#79
tert-butylbenzene
Concen: 19.569 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

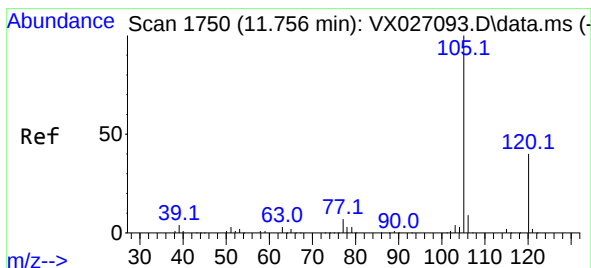
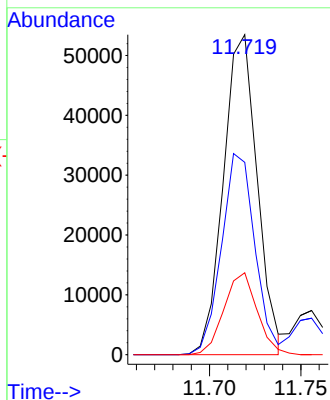
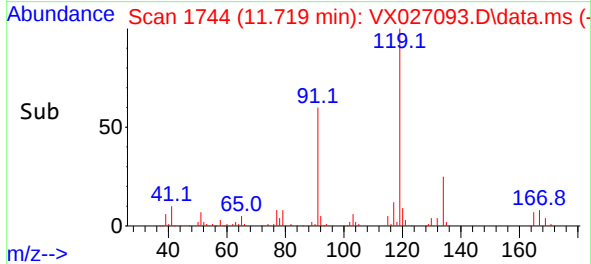
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



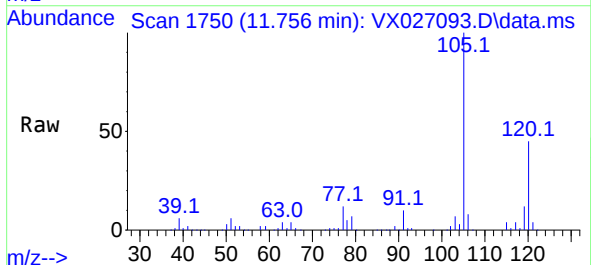
Tgt Ion:119 Resp: 68835
Ion Ratio Lower Upper
119 100
91 62.1 0.0 124.2
134 25.2 0.0 50.4

Manual Integrations
APPROVED

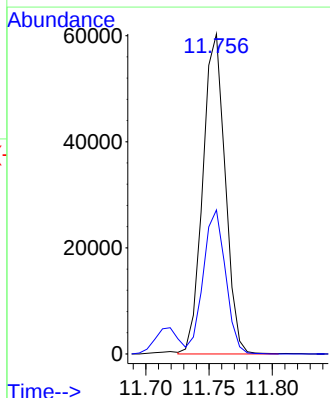
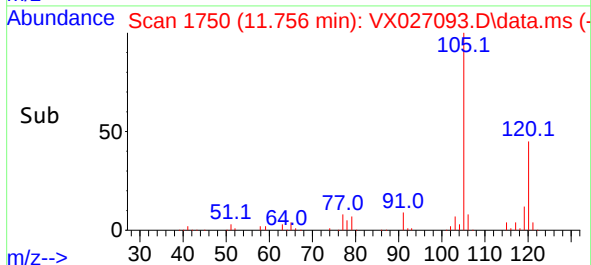
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

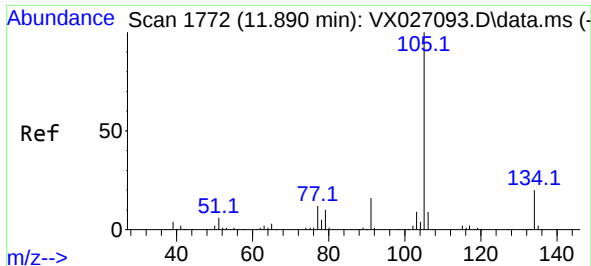


#80
1,2,4-Trimethylbenzene
Concen: 20.565 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58



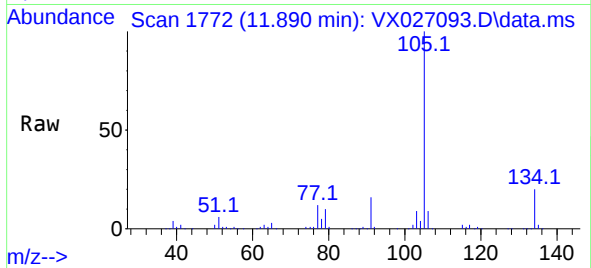
Tgt Ion:105 Resp: 74253
Ion Ratio Lower Upper
105 100
120 44.6 0.0 89.2





#81
 sec-Butylbenzene
 Concen: 19.955 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027093.D
 Acq: 17 Feb 2022 21:58

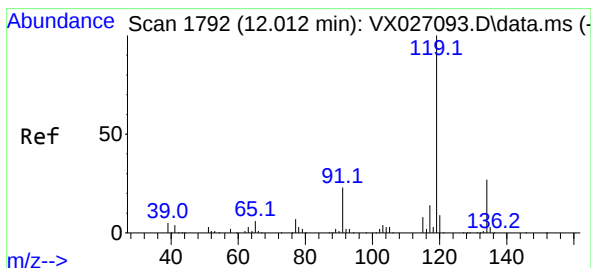
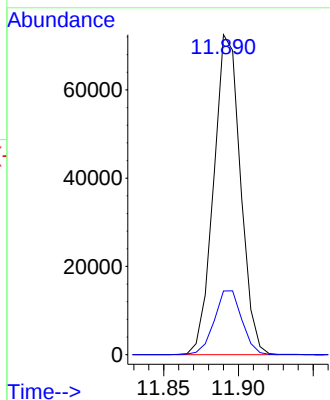
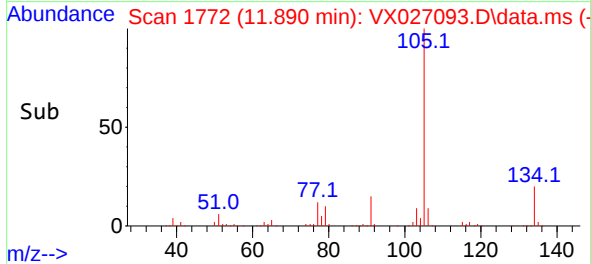
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



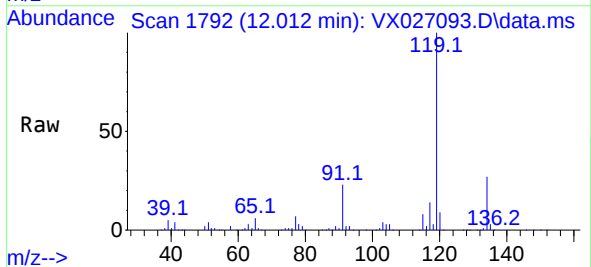
Tgt Ion:105 Resp: 90374
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.2

Manual Integrations
 APPROVED

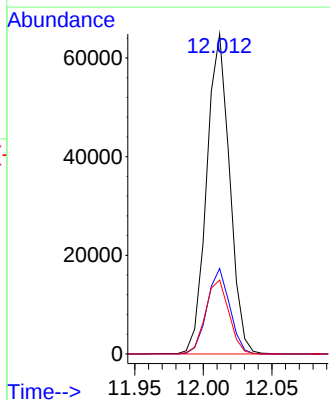
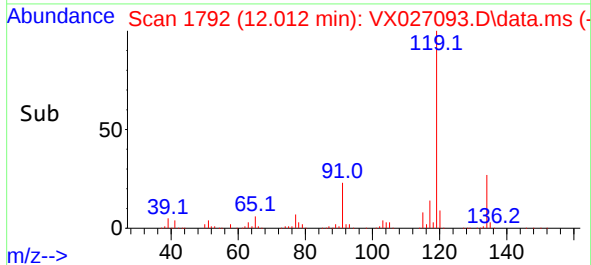
Reviewed By :John Carlone 02/18/2022
 Supervised By :Mahesh Dadoda 02/21/2022

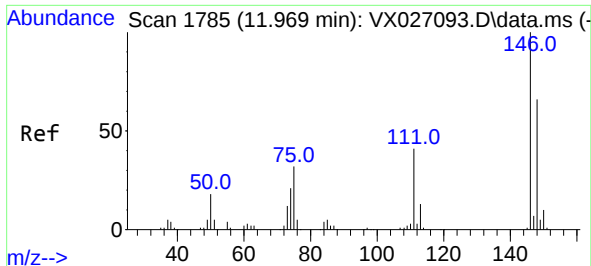


#82
 p-Isopropyltoluene
 Concen: 20.212 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027093.D
 Acq: 17 Feb 2022 21:58



Tgt Ion:119 Resp: 75482
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.8
 91 23.7 0.0 47.4





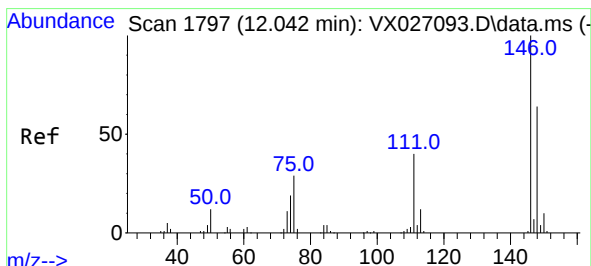
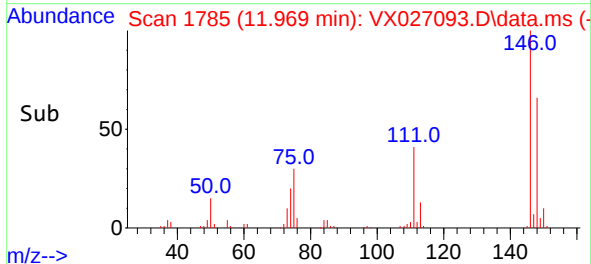
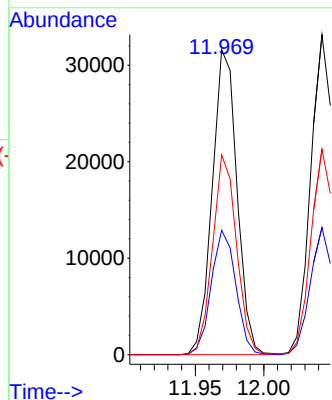
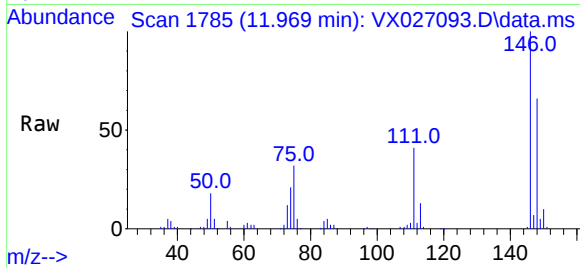
#83
1,3-Dichlorobenzene
Concen: 20.402 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 39699
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.9
148 63.4 31.7 95.1

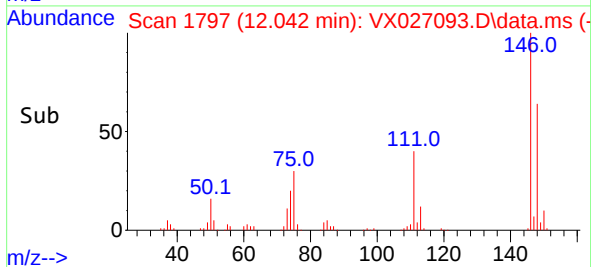
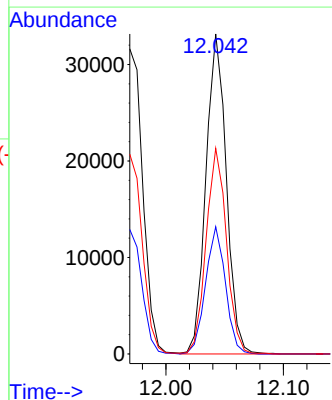
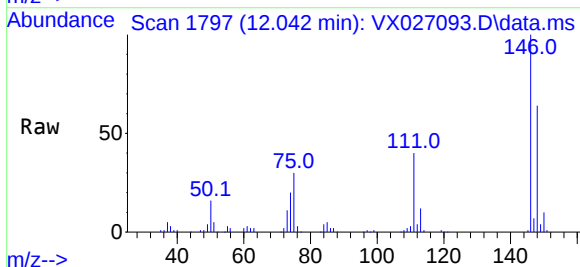
Manual Integrations
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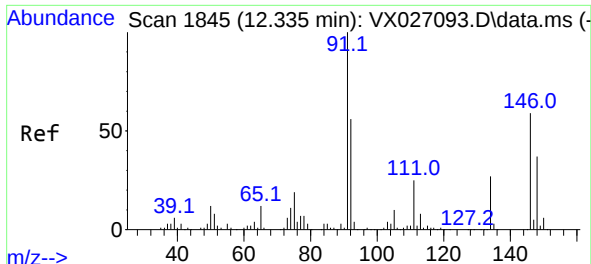
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#84
1,4-Dichlorobenzene
Concen: 20.691 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

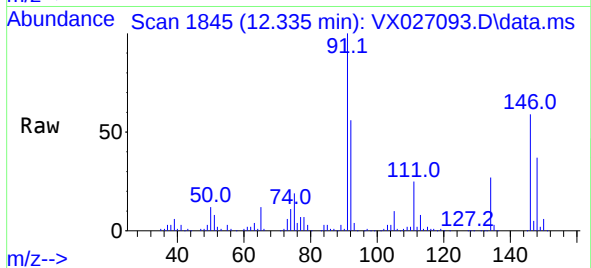
Tgt Ion:146 Resp: 40020
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.2
148 64.1 32.0 96.2





#85
n-Butylbenzene
Concen: 18.736 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

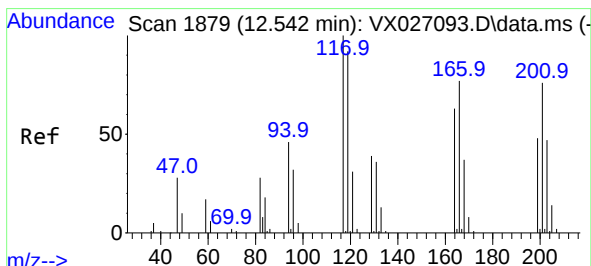
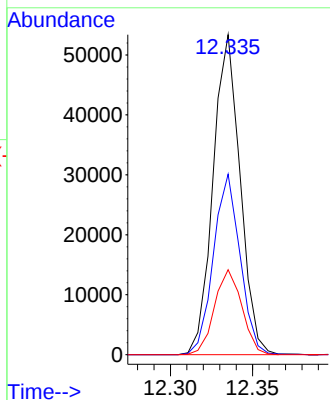
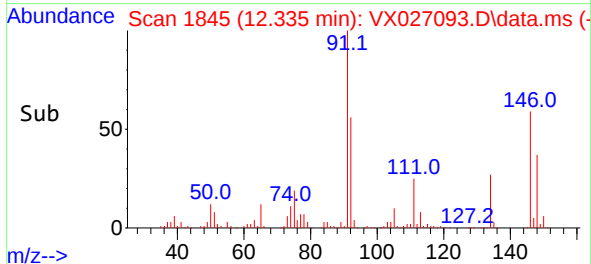
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 61099
Ion Ratio Lower Upper
91 100
92 55.6 0.0 111.2
134 26.9 0.0 53.8

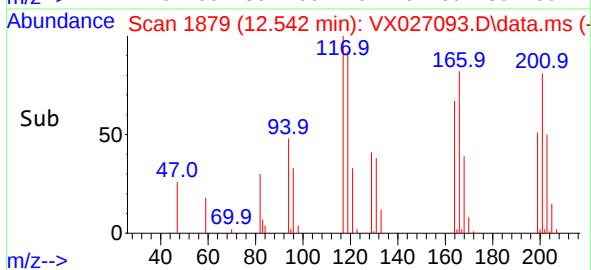
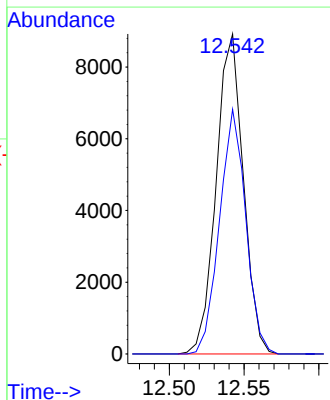
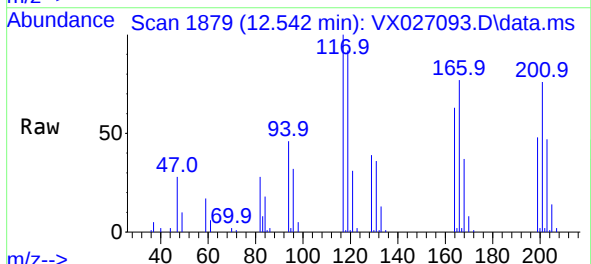
Manual Integrations
APPROVED

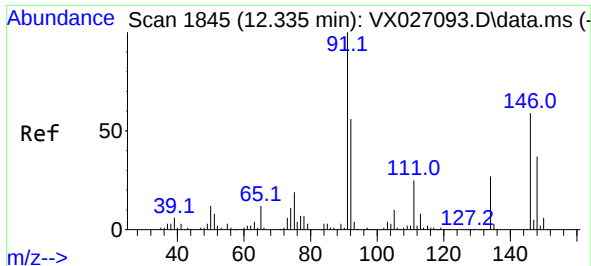
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#86
Hexachloroethane
Concen: 18.640 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

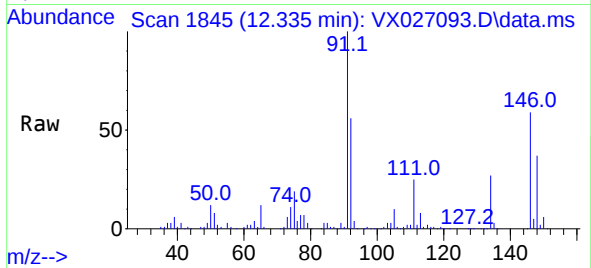
Tgt Ion:117 Resp: 11251
Ion Ratio Lower Upper
117 100
201 73.8 36.9 110.7





#87
1,2-Dichlorobenzene
Concen: 21.021 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

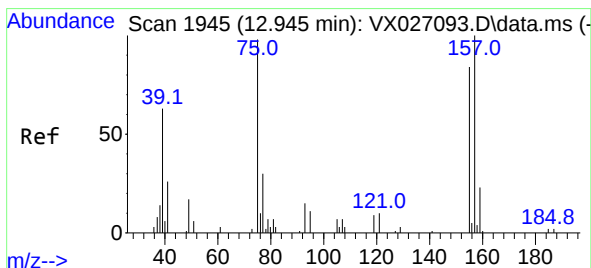
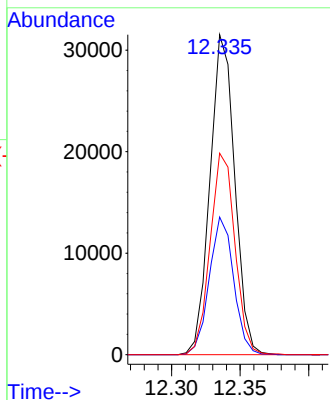
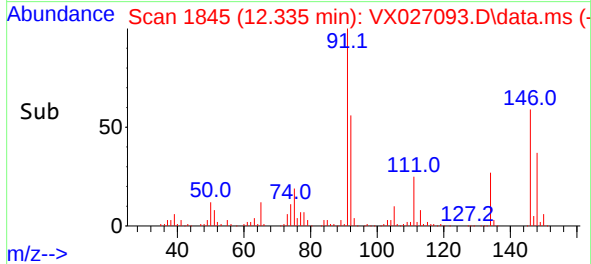
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



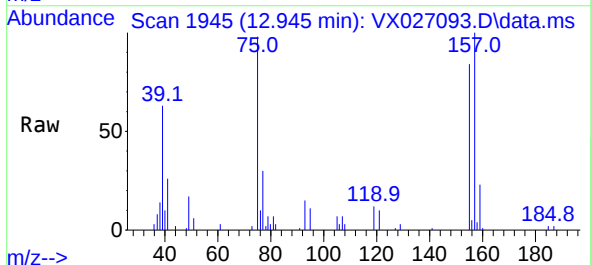
Tgt Ion:146 Resp: 39630
Ion Ratio Lower Upper
146 100
111 42.4 21.2 63.6
148 63.3 31.6 95.0

Manual Integrations
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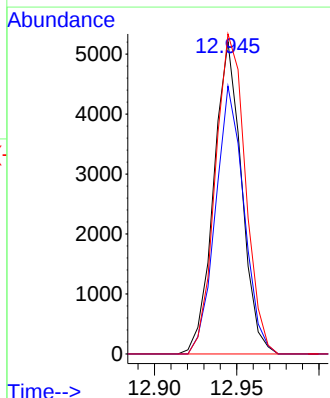
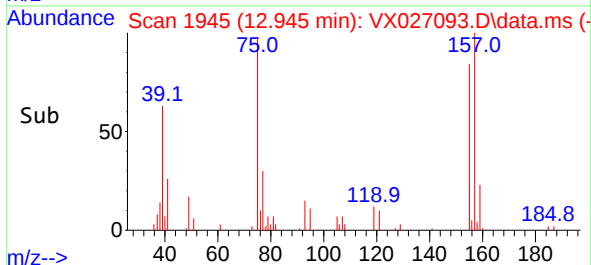
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

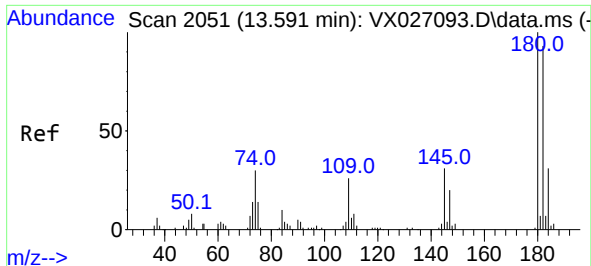


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.646 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58



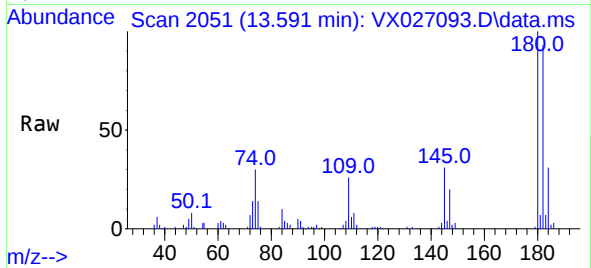
Tgt Ion: 75 Resp: 6140
Ion Ratio Lower Upper
75 100
155 87.2 69.8 104.6
157 110.2 88.2 132.2





#89
1,2,4-Trichlorobenzene
Concen: 20.164 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

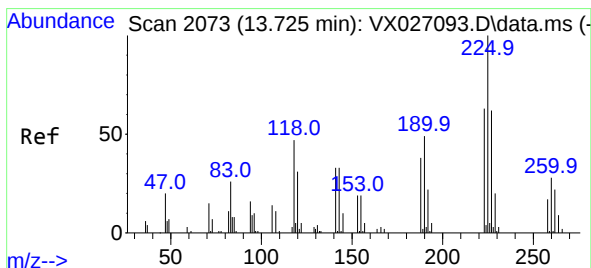
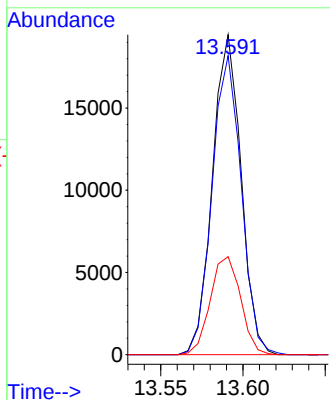
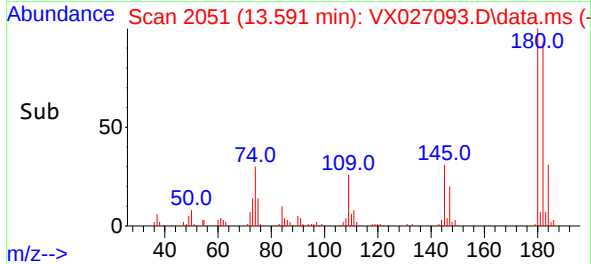
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



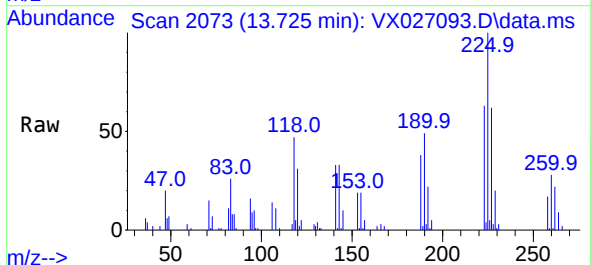
Tgt Ion:180 Resp: 23584
Ion Ratio Lower Upper
180 100
182 95.1 76.1 114.1
145 32.5 26.0 39.0

Manual Integrations
APPROVED

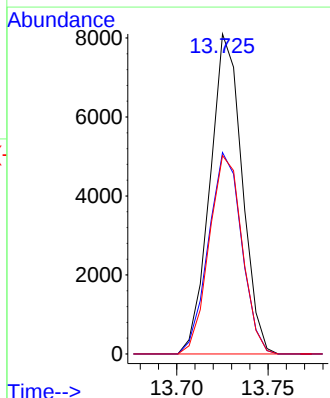
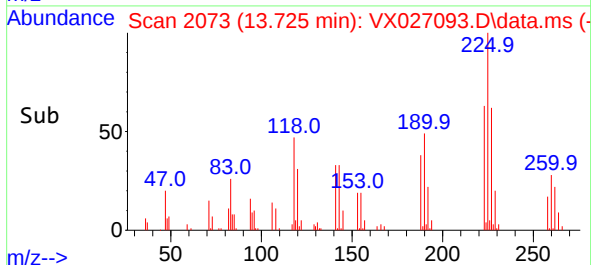
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

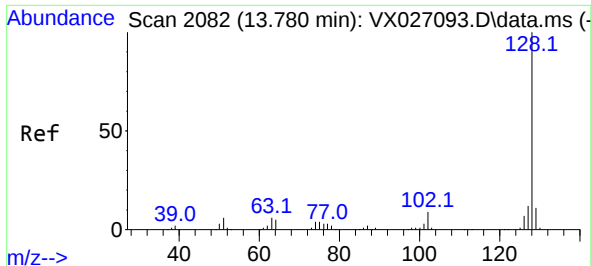


#90
Hexachlorobutadiene
Concen: 19.248 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58



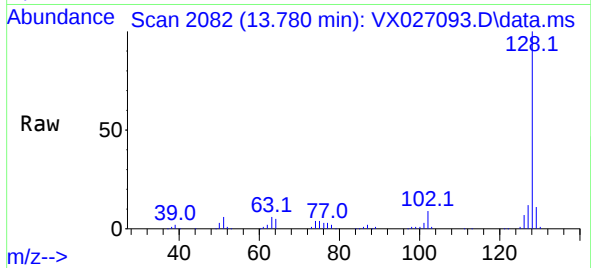
Tgt Ion:225 Resp: 9887
Ion Ratio Lower Upper
225 100
223 65.2 0.0 130.4
227 63.7 0.0 127.4





#91
Naphthalene
Concen: 20.977 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58

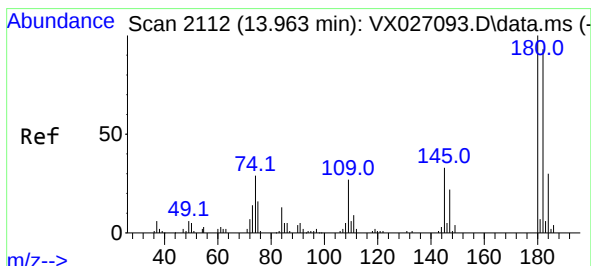
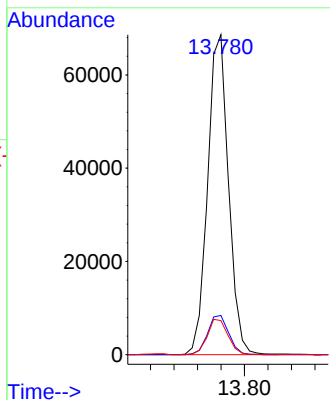
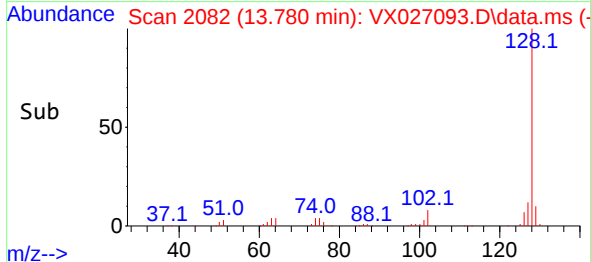
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



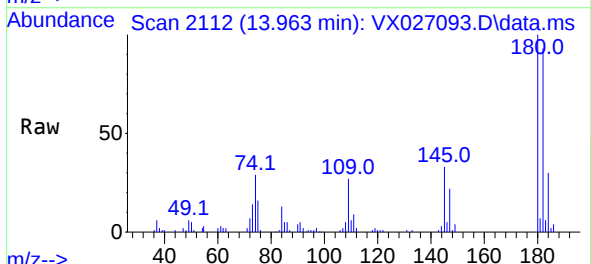
Tgt Ion:128 Resp: 8472
Ion Ratio Lower Upper
128 100
127 12.4 9.9 14.9
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#92
1,2,3-Trichlorobenzene
Concen: 20.350 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027093.D
Acq: 17 Feb 2022 21:58



Tgt Ion:180 Resp: 23885
Ion Ratio Lower Upper
180 100
182 95.3 0.0 190.6
145 33.6 0.0 67.2

