

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030322\
 Data File : VX027288.D
 Acq On : 03 Mar 2022 22:57
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2022
 Supervised By : Mahesh Dadoda 03/04/2022

Quant Time: Mar 04 02:42:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 04 01:00:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	12415	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	67620	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	61689	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	25801	30.019	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.067%			
60) 4-Bromofluorobenzene	11.079	95	29004	29.022	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.733%			
63) Toluene-d8	8.653	98	81602	30.259	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.867%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	14185	17.848	ug/l	99
3) Chloromethane	1.301	50	11435	17.891	ug/l	100
4) Vinyl Chloride	1.380	62	10870	17.760	ug/l	99
5) Bromomethane	1.605	94	4582	13.931	ug/l	94
6) Chloroethane	1.691	64	6584	18.205	ug/l	95
7) Trichlorofluoromethane	1.892	101	18643	17.809	ug/l	97
8) Diethyl Ether	2.136	74	5882	17.645	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	12774	17.456	ug/l	100
10) 1,1-Dichloroethene	2.325	96	12519	17.609	ug/l	95
11) Methyl Iodide	2.453	142	8329	10.052	ug/l	95
12) Methyl Acetate	2.709	43	16319	17.642	ug/l	98
13) Acrolein	2.239	56	12281	83.467	ug/l	100
14) Acrylonitrile	3.069	53	37504	89.894	ug/l	99
15) Acetone	2.386	58	9903	82.695	ug/l	100
16) Carbon Disulfide	2.520	76	33990	18.005	ug/l	98
17) Allyl chloride	2.672	41	20187	17.083	ug/l	97
18) Methylene Chloride	2.794	84	14345	17.869	ug/l	97
19) trans-1,2-Dichloroethene	3.099	96	13917	18.098	ug/l	97
20) Diisopropyl ether	3.770	45	41983	18.481	ug/l #	86
21) 1,1-Dichloroethane	3.617	63	24257	18.256	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	16061	18.186	ug/l	99
23) tert-Butyl Alcohol	2.965	59	12697	76.844	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	42297	17.926	ug/l	100
25) Chloroform	5.099	83	25479	17.992	ug/l	97
26) Cyclohexane	5.477	56	21707	18.142	ug/l #	98
29) 1,1-Dichloropropene	5.702	75	18862	18.247	ug/l	99
30) 2-Butanone	4.562	43	51558	88.355	ug/l	99
31) 2,2-Dichloropropane	4.483	77	15404	14.823	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	22752	18.123	ug/l	99
33) Carbon Tetrachloride	5.684	117	19771	17.264	ug/l	95
34) Benzene	6.044	78	55697	18.438	ug/l	98
35) Methacrylonitrile	4.922	41	10680	17.508	ug/l	96
36) 1,2-Dichloroethane	6.092	62	20172	18.333	ug/l	98
37) Trichloroethene	7.129	130	16449	18.023	ug/l	99
38) Methylcyclohexane	7.385	83	22373	17.471	ug/l	98
39) 1,2-Dichloropropane	7.434	63	13536	18.251	ug/l	97
40) Dibromomethane	7.586	93	10299	18.571	ug/l	98
41) Bromodichloromethane	7.824	83	18813	17.601	ug/l	98
42) Vinyl Acetate	3.727	43	175256	89.595	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	19998	18.084	ug/l	# 86
44) Isopropyl Acetate	6.348	43	29913	17.522	ug/l	100
45) 1,4-Dioxane	7.659	88	6058	314.500	ug/l	97
46) Methyl methacrylate	7.696	41	15247	18.003	ug/l	94
47) n-amyl Acetate	10.842	43	24292	17.265	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	17569	15.919	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	20237	16.689	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	14155	17.959	ug/l	94
51) Ethyl methacrylate	9.116	69	21323	17.440	ug/l	96
52) 1,3-Dichloropropane	9.311	76	23758	18.049	ug/l	97
53) Dibromochloromethane	9.525	129	15455	17.946	ug/l	98
54) 1,2-Dibromoethane	9.610	107	15065	17.627	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	47523	80.238	ug/l	99
56) Bromoform	10.799	173	10215	16.220	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	103017	92.316	ug/l	97
59) 2-Hexanone	9.433	43	75356	88.240	ug/l	98
61) Tetrachloroethene	9.275	164	16938	18.824	ug/l	91
62) Toluene	8.720	91	60626	18.041	ug/l	99
64) Chlorobenzene	10.079	112	38779	18.010	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	13922	17.036	ug/l	98
66) Ethyl Benzene	10.195	91	68346	18.043	ug/l	100
67) m/p-Xylenes	10.305	106	53439	36.029	ug/l	99
68) o-Xylene	10.646	106	26386	18.200	ug/l	99
69) Styrene	10.659	104	43547	18.068	ug/l	99
70) Isopropylbenzene	10.963	105	69230	18.154	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	20908	18.755	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	18877m	17.436	ug/l	
73) Bromobenzene	11.201	156	17216	18.144	ug/l	99
74) n-propylbenzene	11.305	91	76338	17.563	ug/l	100
75) 2-Chlorotoluene	11.366	91	48083	18.275	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	57896	18.074	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	3901	12.163	ug/l	92
78) 4-Chlorotoluene	11.457	91	52263	17.447	ug/l	98
79) tert-butylbenzene	11.713	119	60208	19.324	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	59839	18.750	ug/l	100
81) sec-Butylbenzene	11.890	105	69577	17.556	ug/l	100
82) p-Isopropyltoluene	12.012	119	58655	17.303	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	31209	17.575	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	30871	17.410	ug/l	99
85) n-Butylbenzene	12.335	91	46728	16.900	ug/l	99
86) Hexachloroethane	12.542	117	7329	13.912	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	30986	18.046	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	4057	15.363	ug/l	97
89) 1,2,4-Trichlorobenzene	13.591	180	19440	17.236	ug/l	98
90) Hexachlorobutadiene	13.725	225	7898	16.678	ug/l	99
91) Naphthalene	13.780	128	67430	17.941	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	19660	17.385	ug/l	100

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

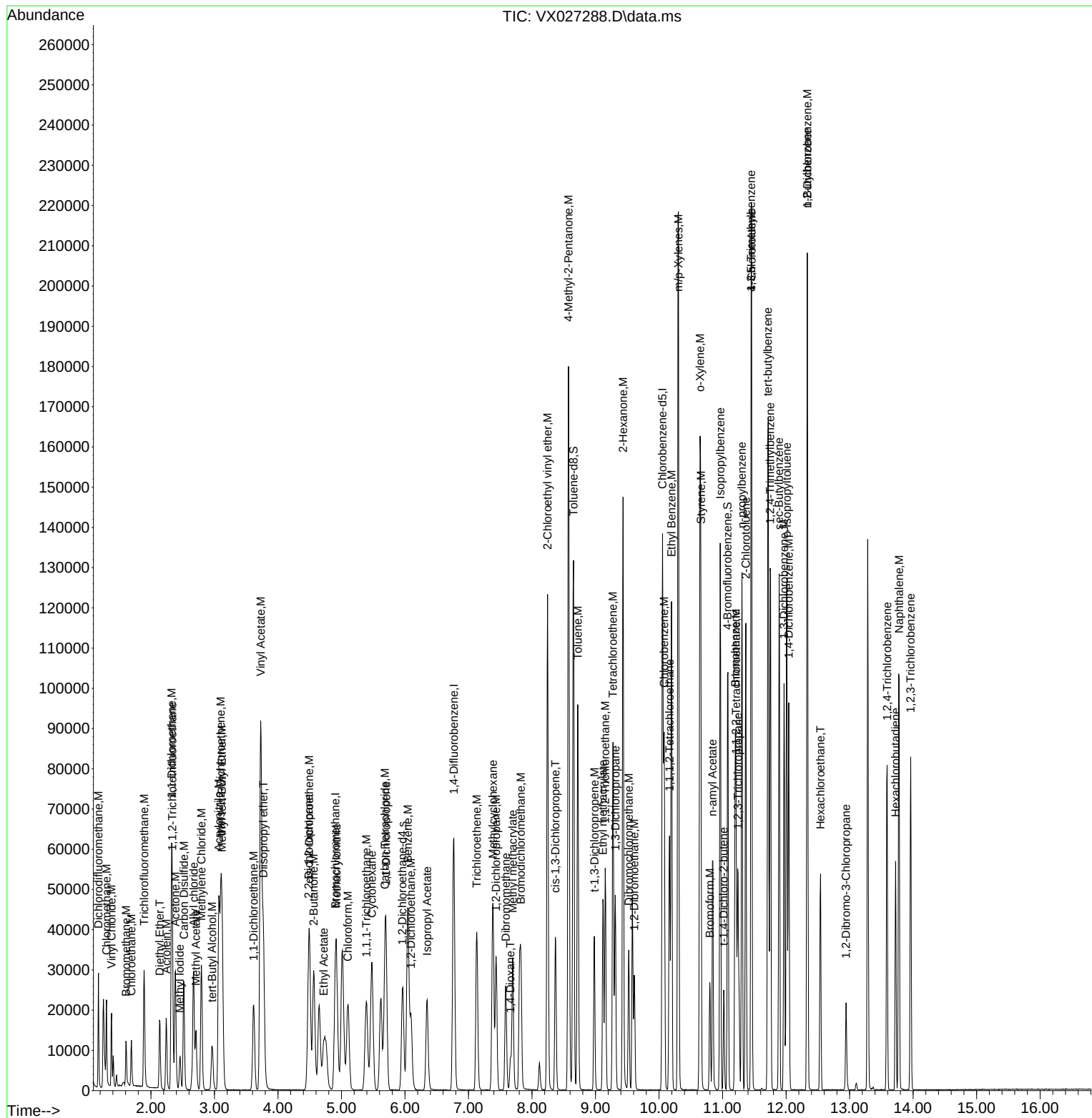
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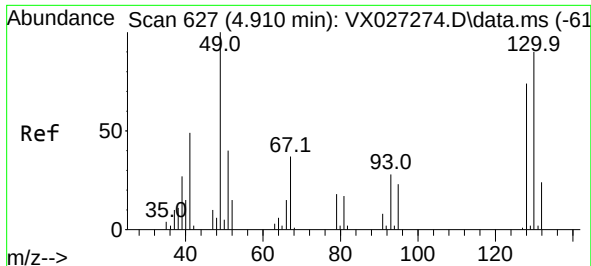
Instrument :
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 VSTDCCC020EC

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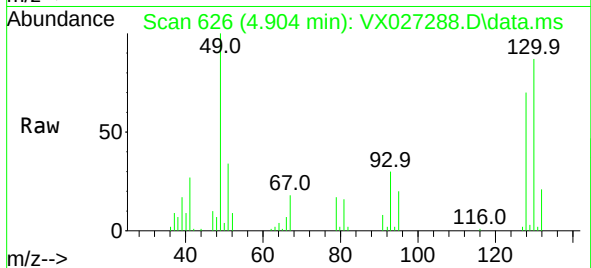
Quant Time: Mar 04 02:42:57 2022
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

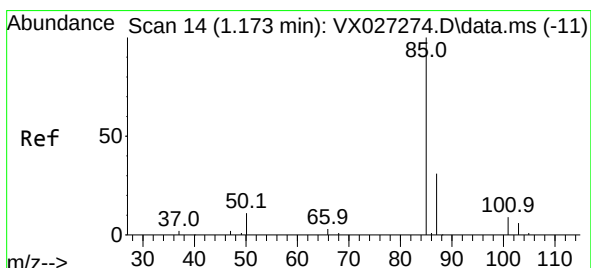
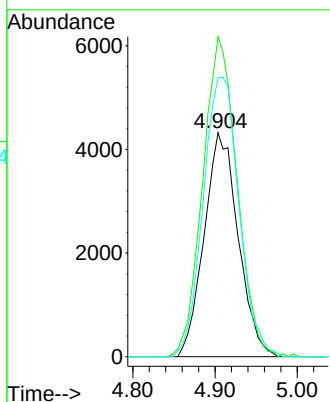
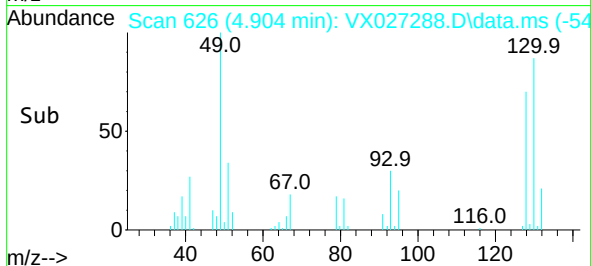
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 12415
Ion Ratio Lower Upper
128 100
49 143.9 0.0 358.3
130 131.3 0.0 319.3

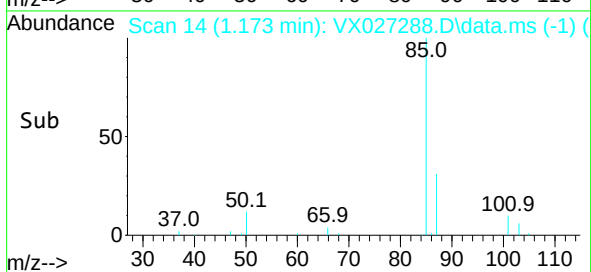
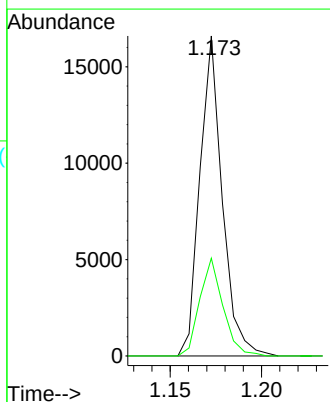
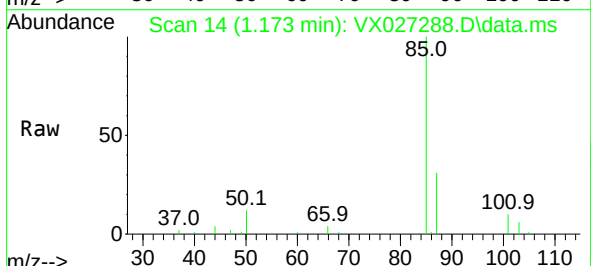
Manual Integrations
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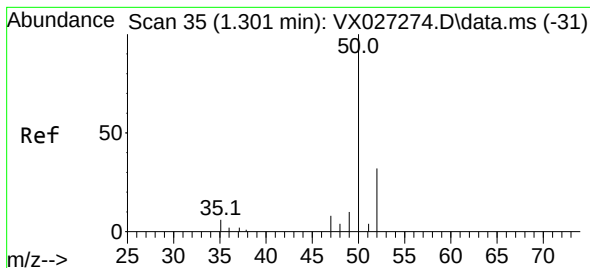
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#2
Dichlorodifluoromethane
Concen: 17.848 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

Tgt Ion: 85 Resp: 14185
Ion Ratio Lower Upper
85 100
87 30.5 15.6 46.8





#3

Chloromethane

Concen: 17.891 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 50 Resp: 1143

Ion Ratio Lower Upper

50 100

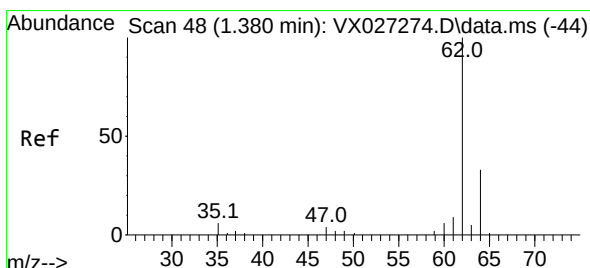
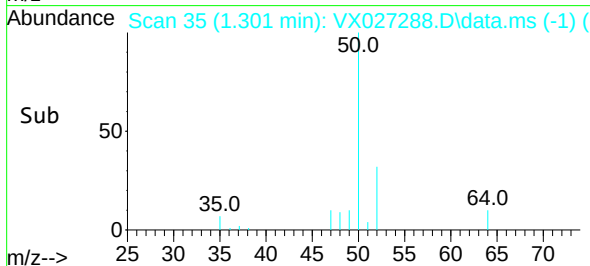
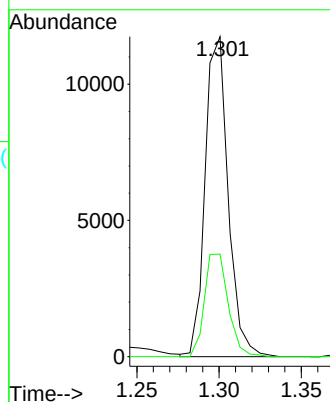
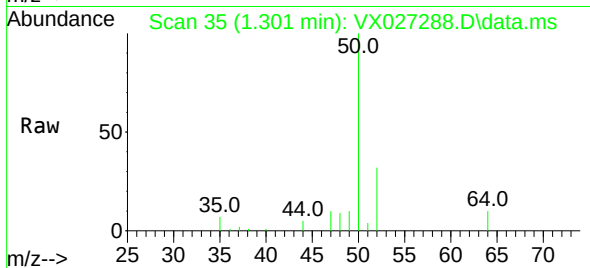
52 32.1 25.6 38.4

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Supervised By :Mahesh Dadoda 03/04/2022



#4

Vinyl Chloride

Concen: 17.760 ug/l

RT: 1.380 min Scan# 48

Delta R.T. -0.000 min

Lab File: VX027288.D

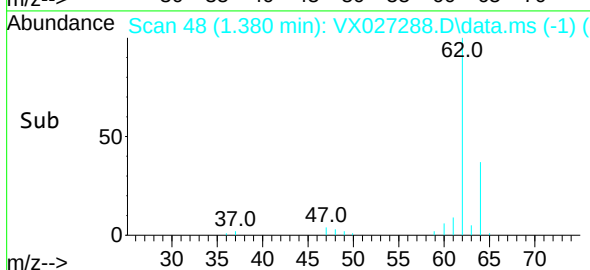
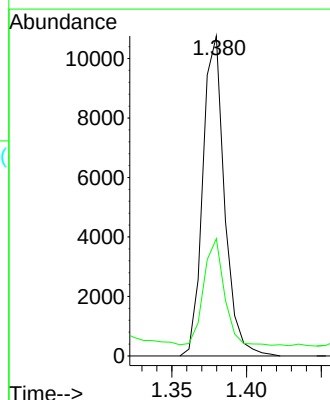
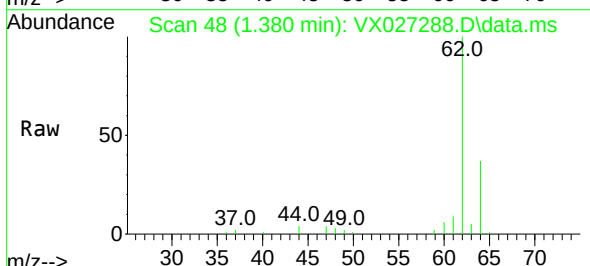
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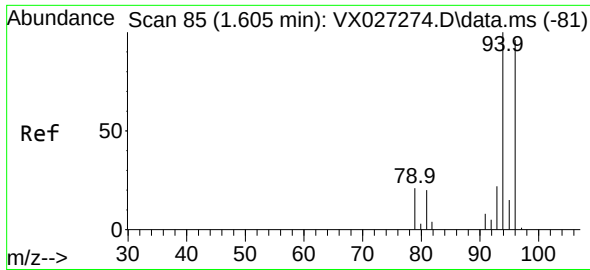
Tgt Ion: 62 Resp: 10870

Ion Ratio Lower Upper

62 100

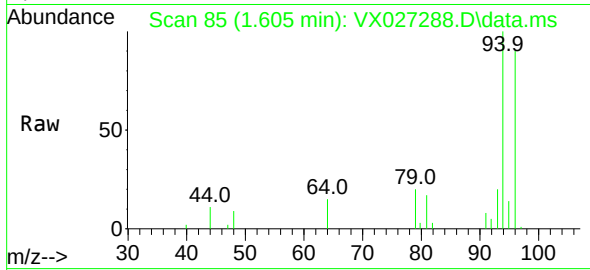
64 33.2 26.2 39.2





#5
Bromomethane
Concen: 13.931 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

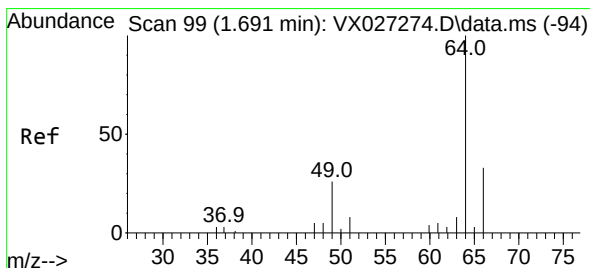
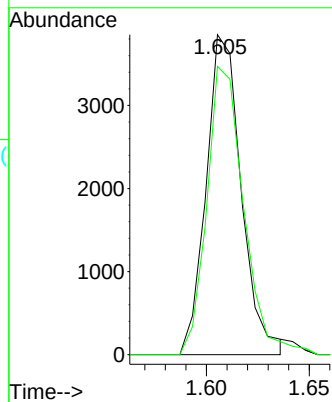
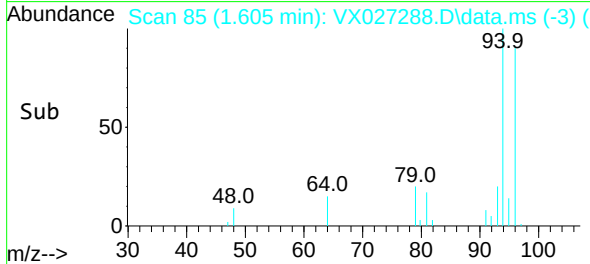
Instrument :
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Tgt Ion: 94 Resp: 4582
Ion Ratio Lower Upper
94 100
96 90.1 77.0 115.6

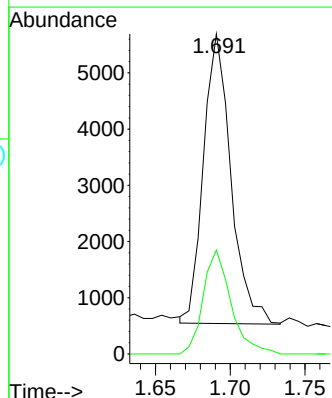
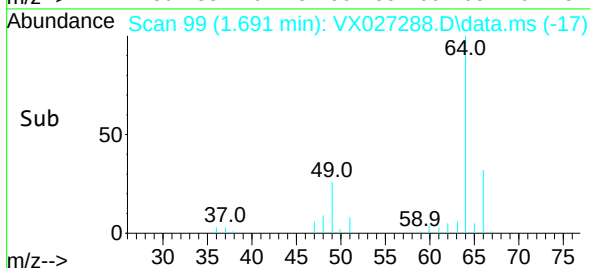
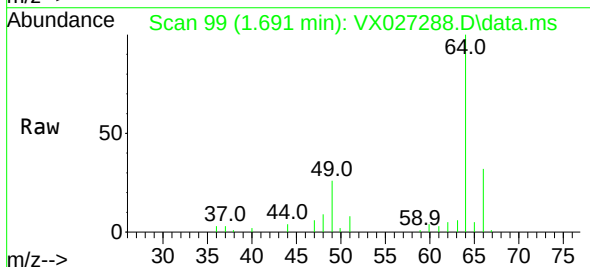
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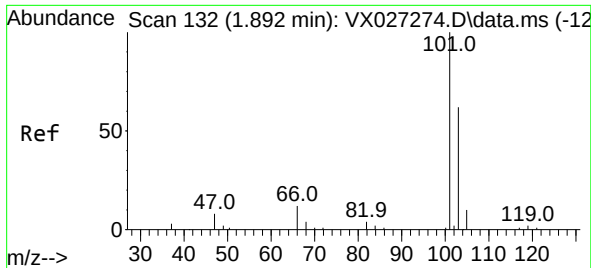
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#6
Chloroethane
Concen: 18.205 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

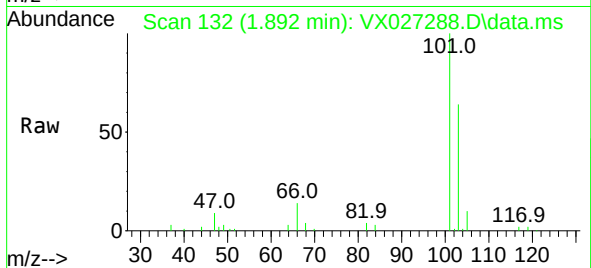
Tgt Ion: 64 Resp: 6584
Ion Ratio Lower Upper
64 100
66 35.9 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 17.809 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX027288.D
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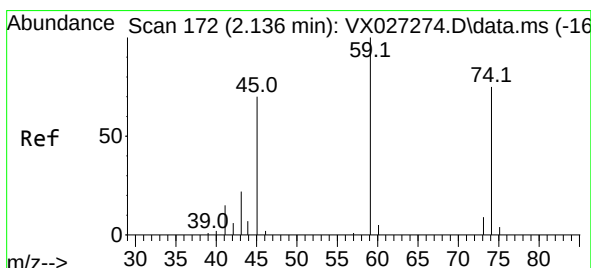
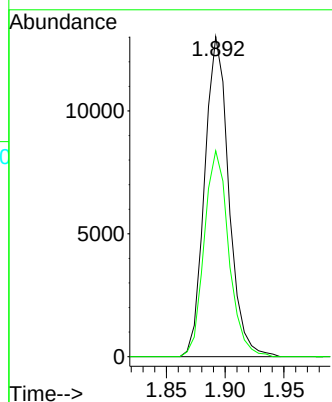
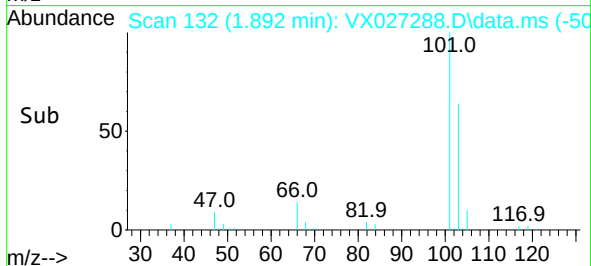
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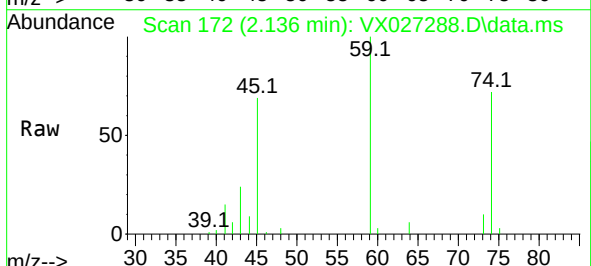
Tgt Ion:101 Resp: 1864
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.6 74.4

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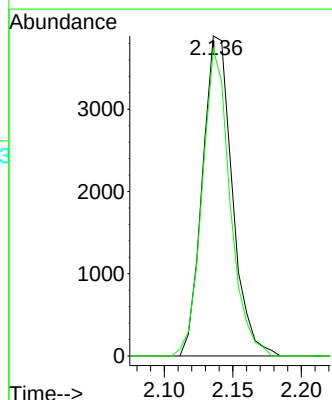
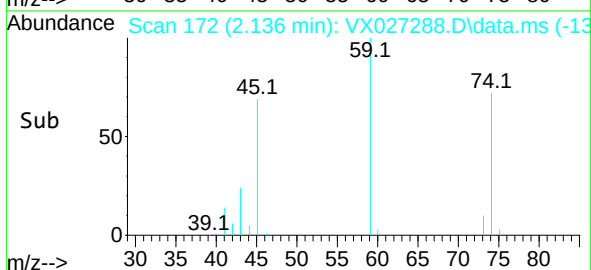
Reviewed By :John Carlone 03/04/2022
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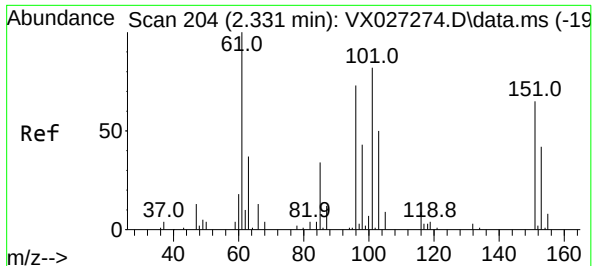


#8
 Diethyl Ether
 Concen: 17.645 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX027288.D
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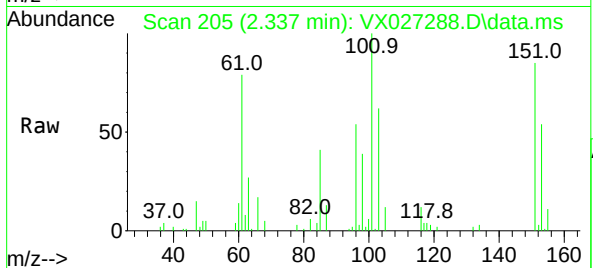
Tgt Ion: 74 Resp: 5882
 Ion Ratio Lower Upper
 74 100
 45 90.0 18.7 168.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.456 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX027288.D
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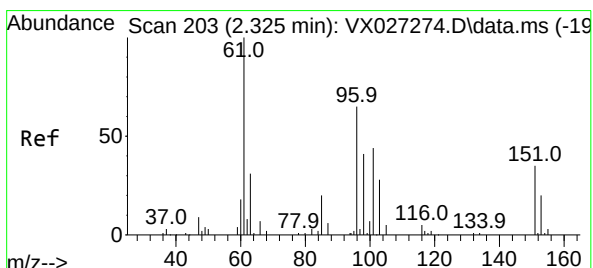
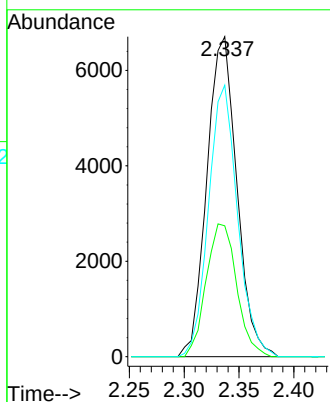
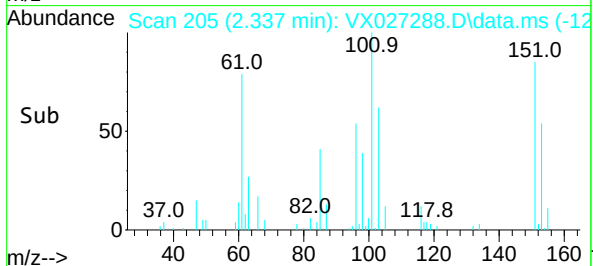
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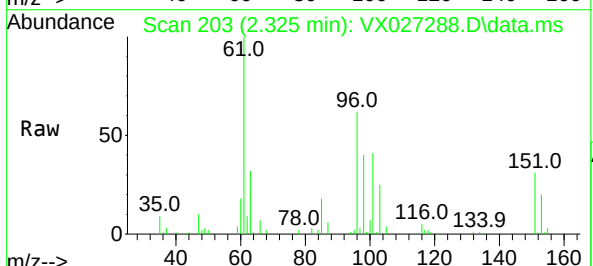
Tgt Ion:101 Resp: 12774
Ion Ratio Lower Upper
101 100
85 42.1 0.0 84.6
151 82.3 0.0 165.4

Manual Integrations
APPROVED

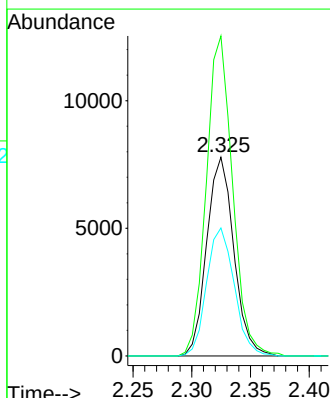
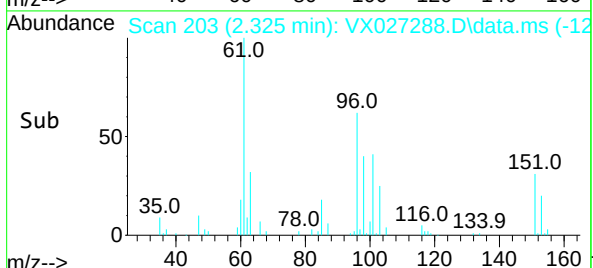
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

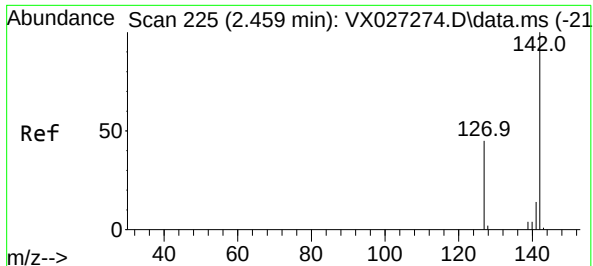


#10
1,1-Dichloroethene
Concen: 17.609 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



Tgt Ion: 96 Resp: 12519
Ion Ratio Lower Upper
96 100
61 161.1 122.6 183.8
98 64.4 50.1 75.1





#11

Methyl Iodide

Concen: 10.052 ug/l

RT: 2.453 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX027288.D

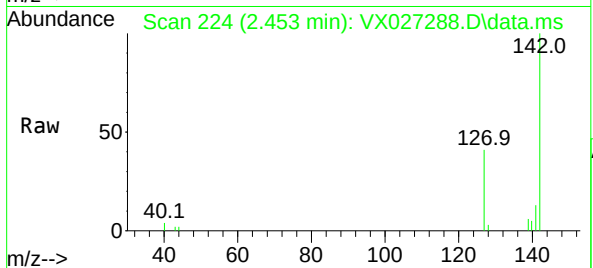
Acq: 03 Mar 2022 22:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



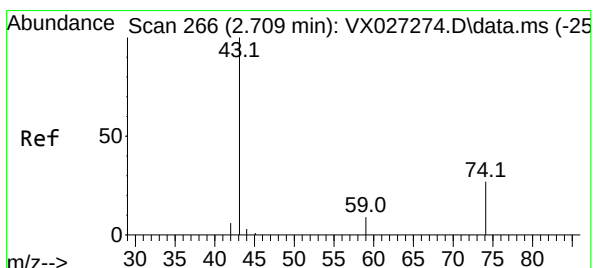
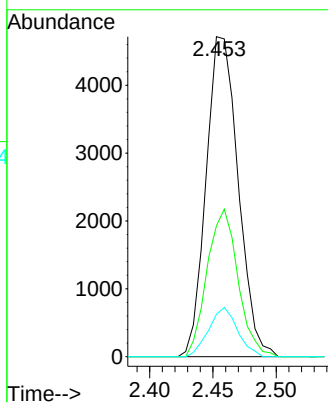
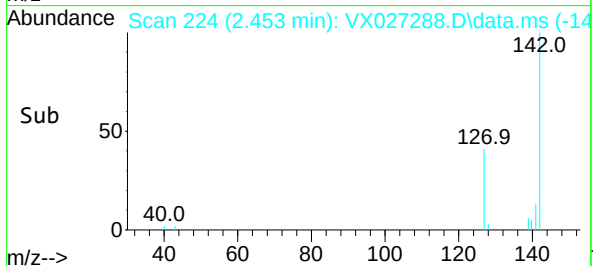
Tgt Ion:	142	Resp:	8329
Ion	Ratio	Lower	Upper
142	100		
127	40.9	22.3	66.9
141	13.3	7.0	20.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#12

Methyl Acetate

Concen: 17.642 ug/l

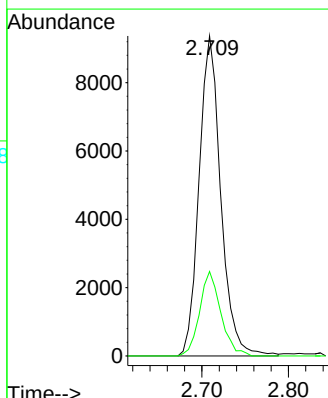
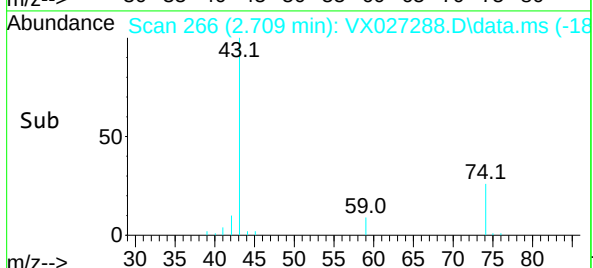
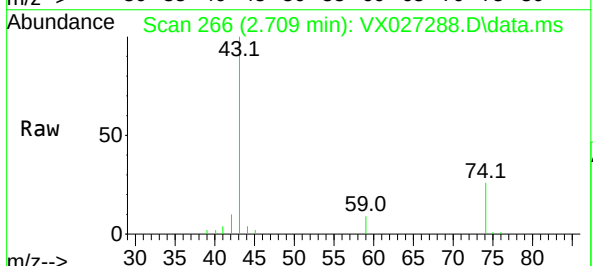
RT: 2.709 min Scan# 266

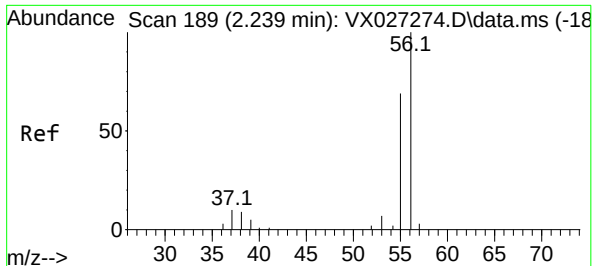
Delta R.T. -0.000 min

Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

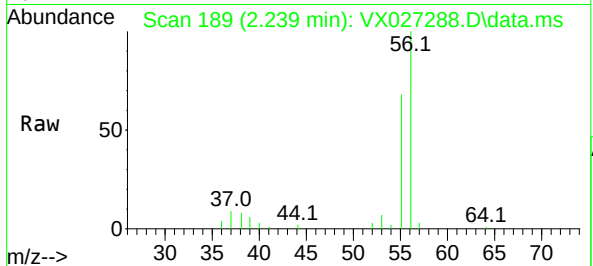
Tgt Ion:	43	Resp:	16319
Ion	Ratio	Lower	Upper
43	100		
74	26.5	22.1	33.1





#13
Acrolein
Concen: 83.467 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

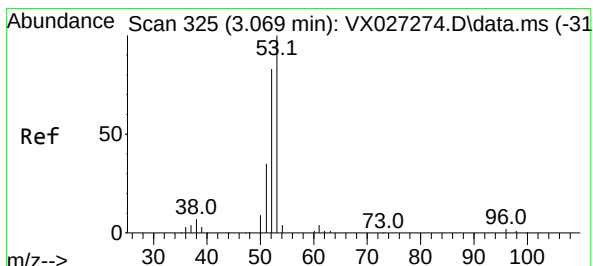
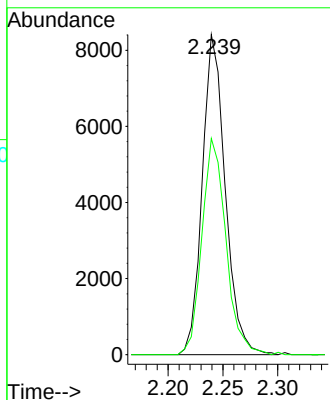
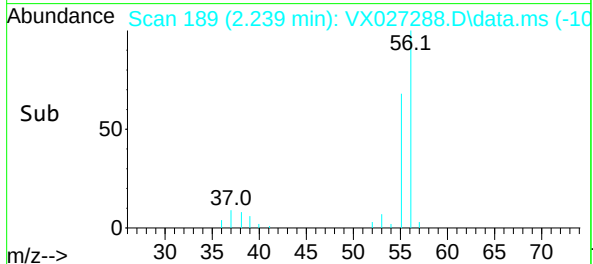
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



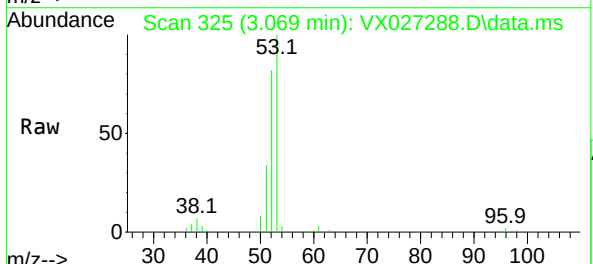
Tgt Ion: 56 Resp: 1228
Ion Ratio Lower Upper
56 100
55 70.5 56.4 84.6

Manual Integrations
APPROVED

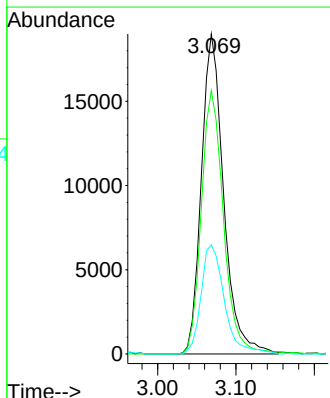
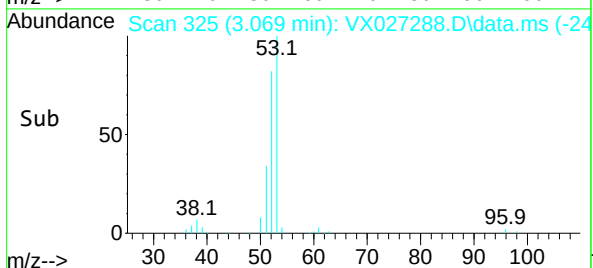
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

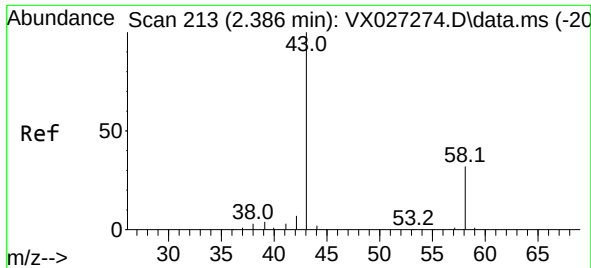


#14
Acrylonitrile
Concen: 89.894 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



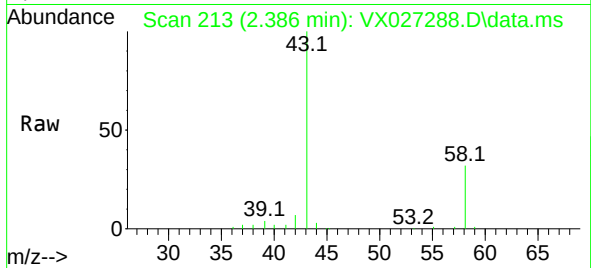
Tgt Ion: 53 Resp: 37504
Ion Ratio Lower Upper
53 100
52 82.0 41.5 124.5
51 35.8 18.1 54.4





#15
Acetone
Concen: 82.695 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

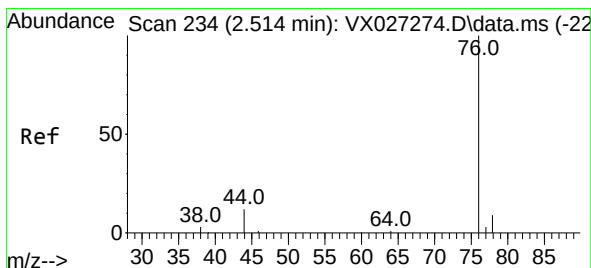
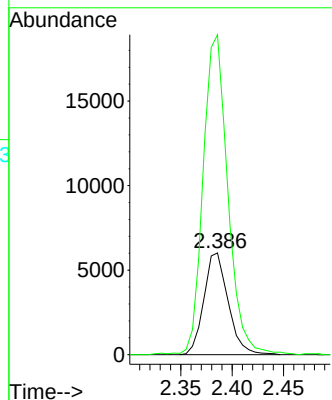
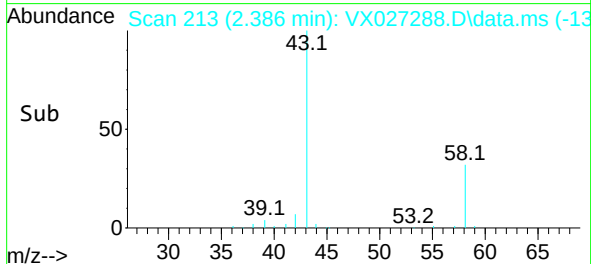
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



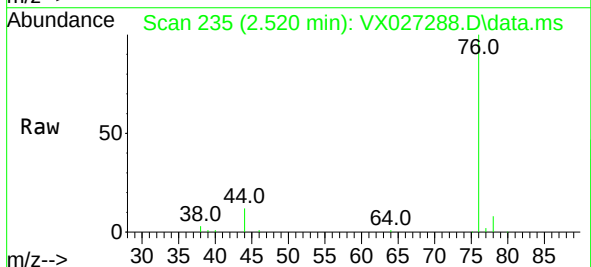
Tgt Ion: 58 Resp: 990
Ion Ratio Lower Upper
58 100
43 313.1 250.2 375.2

Manual Integrations
APPROVED

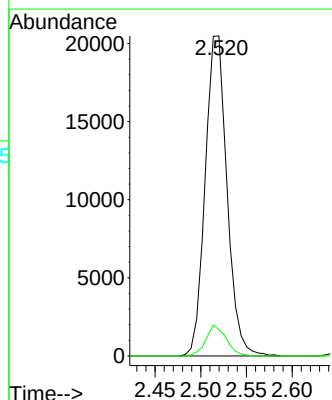
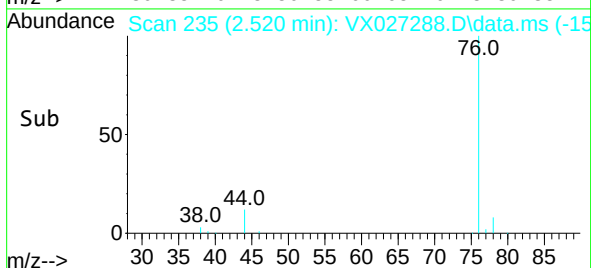
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

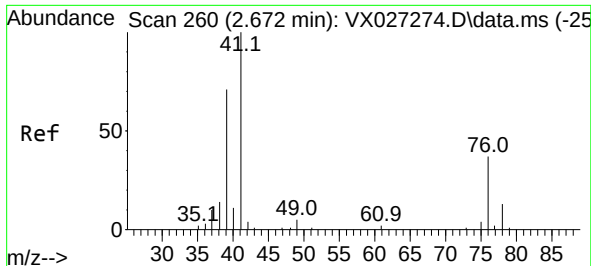


#16
Carbon Disulfide
Concen: 18.005 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



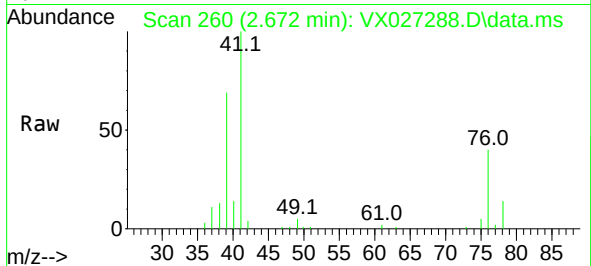
Tgt Ion: 76 Resp: 33990
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7





#17
 Allyl chloride
 Concen: 17.083 ug/l
 RT: 2.672 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VX027288.D
 Acq: 03 Mar 2022 22:57

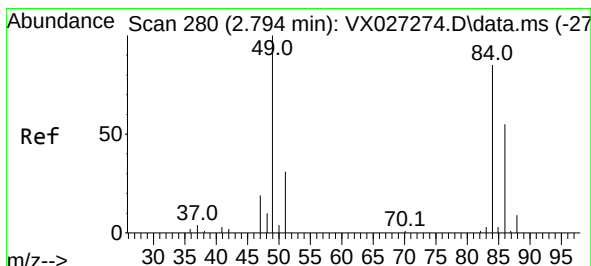
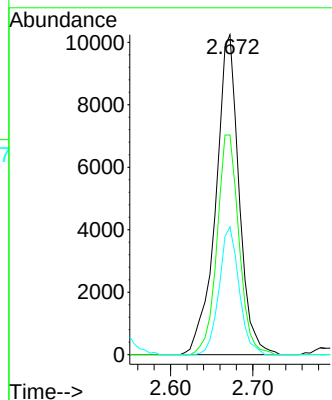
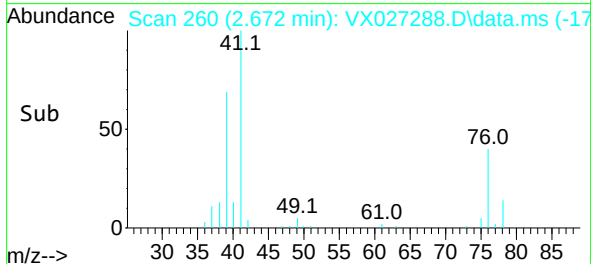
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.7	35.4	106.1
76	40.0	18.4	55.4

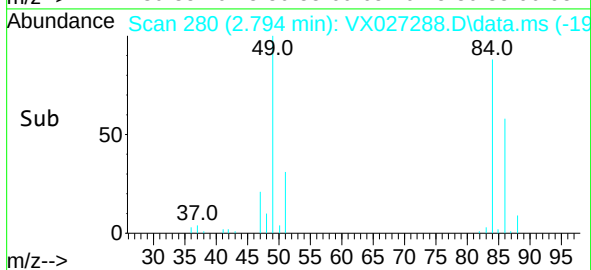
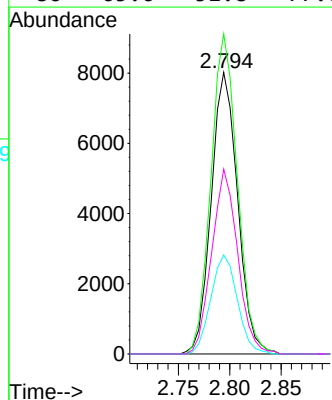
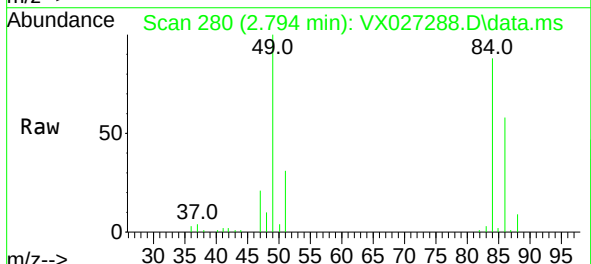
Manual Integrations
 APPROVED

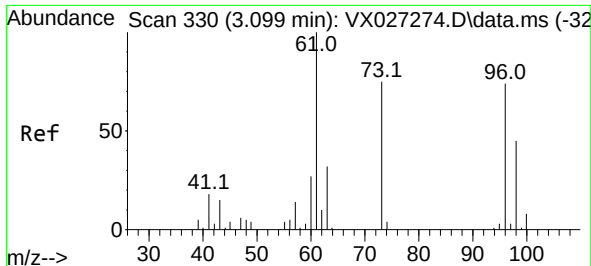
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022



#18
 Methylene Chloride
 Concen: 17.869 ug/l
 RT: 2.794 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VX027288.D
 Acq: 03 Mar 2022 22:57

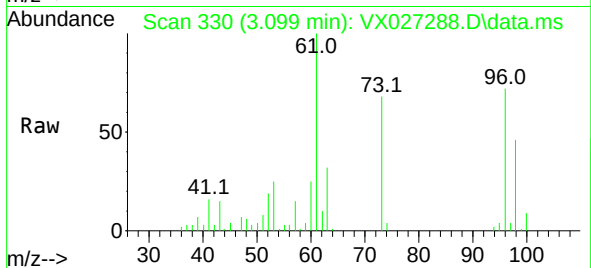
Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.7	94.2	141.2
51	35.2	29.2	43.8
86	65.6	51.8	77.6





#19
trans-1,2-Dichloroethene
Concen: 18.098 ug/l
RT: 3.099 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

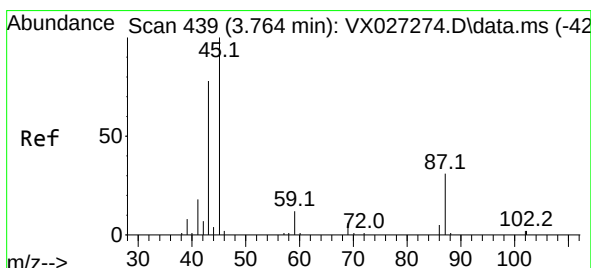
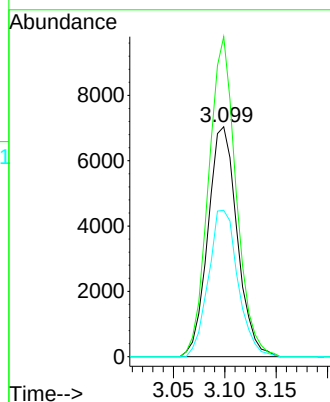
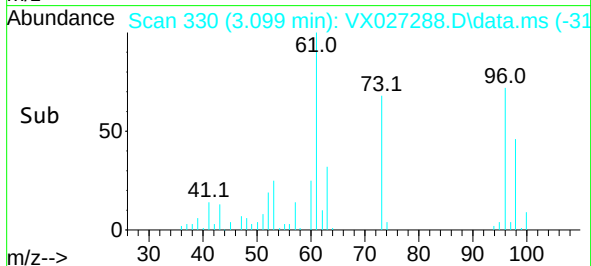
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



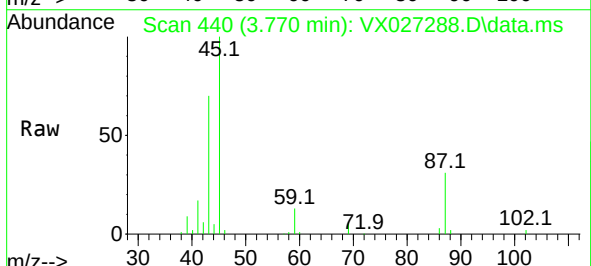
Tgt Ion: 96 Resp: 1391
Ion Ratio Lower Upper
96 100
61 139.1 108.7 163.1
98 63.6 49.2 73.8

Manual Integrations
APPROVED

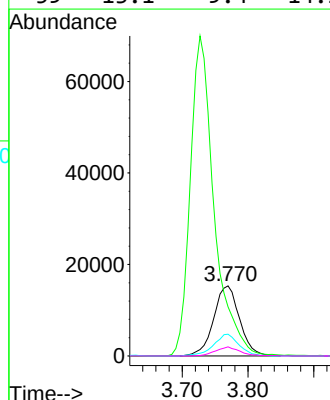
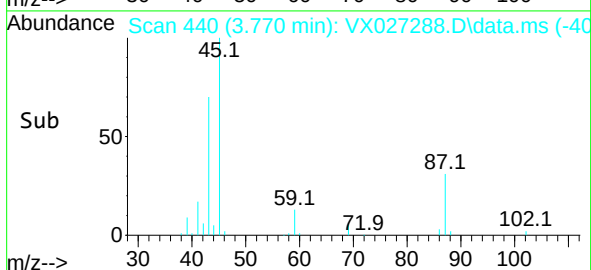
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

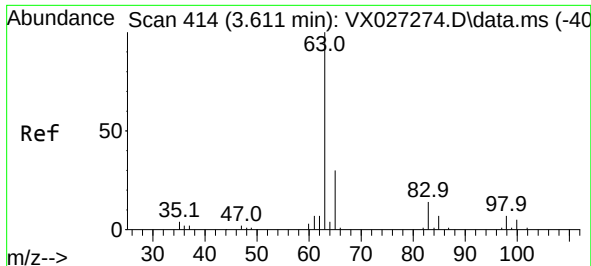


#20
Diisopropyl ether
Concen: 18.481 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



Tgt Ion: 45 Resp: 41983
Ion Ratio Lower Upper
45 100
43 68.8 70.3 105.5#
87 31.0 24.5 36.7
59 13.1 9.4 14.2





#21

1,1-Dichloroethane

Concen: 18.256 ug/l

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 2425

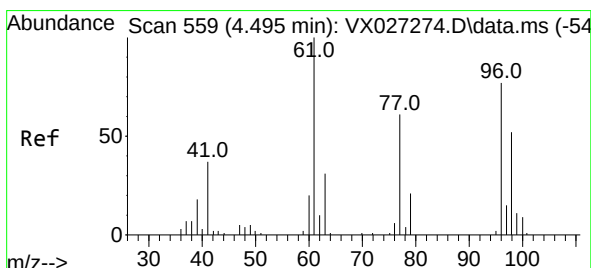
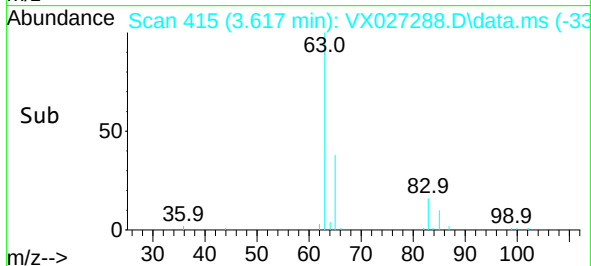
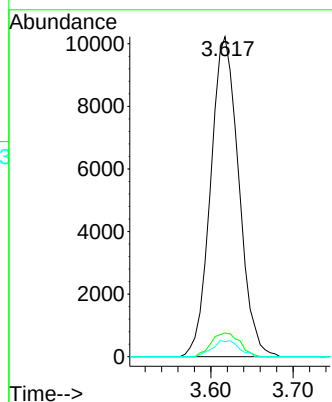
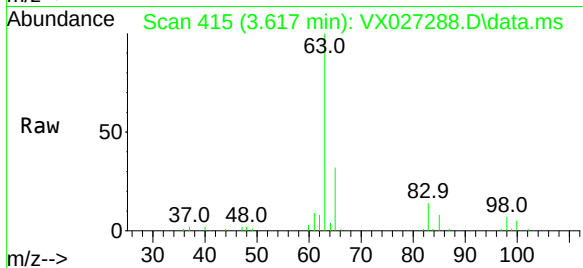
Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.8	11.2
100	4.7	2.5	7.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#22

cis-1,2-Dichloroethene

Concen: 18.186 ug/l

RT: 4.489 min Scan# 558

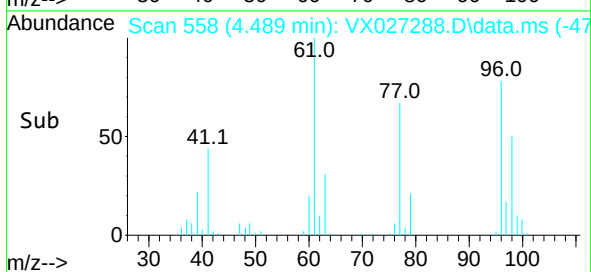
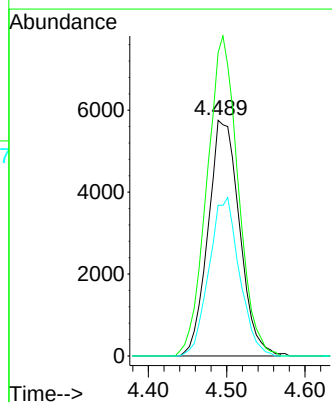
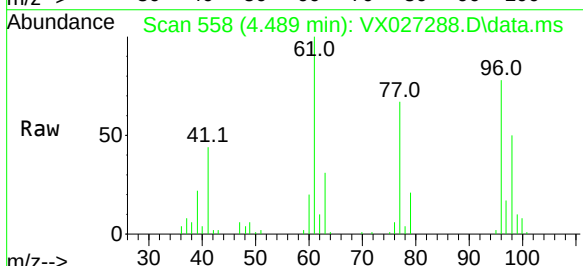
Delta R.T. -0.006 min

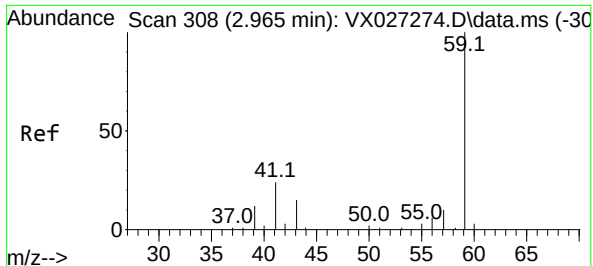
Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

Tgt Ion: 96 Resp: 16061

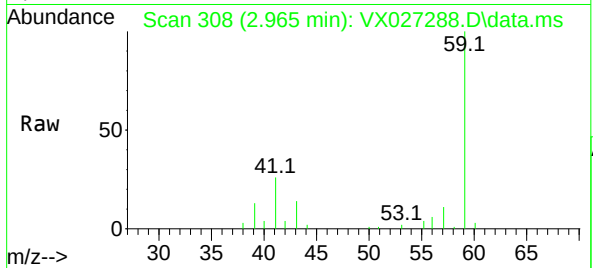
Ion	Ratio	Lower	Upper
96	100		
61	134.5	107.4	161.2
98	64.9	51.1	76.7





#23
tert-Butyl Alcohol
Concen: 76.844 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

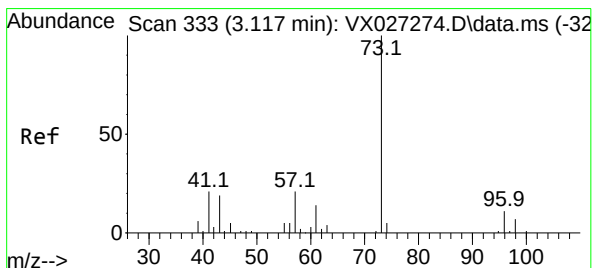
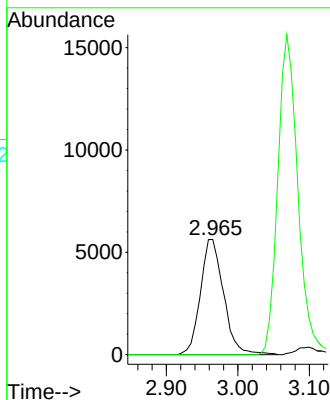
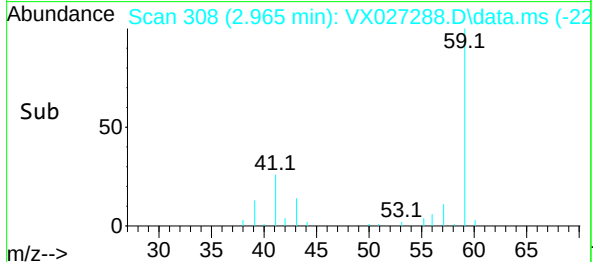
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 1269
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

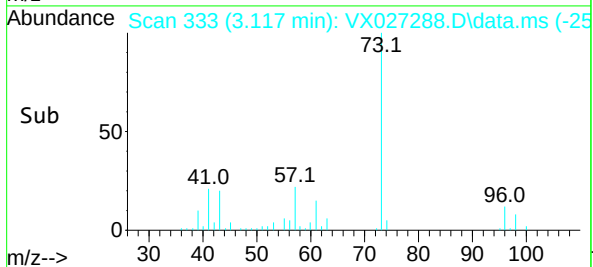
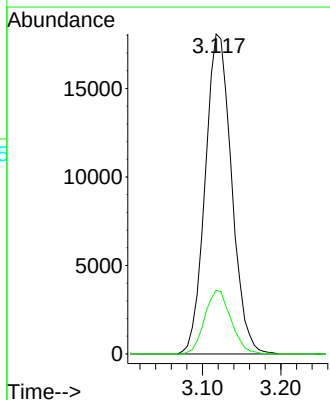
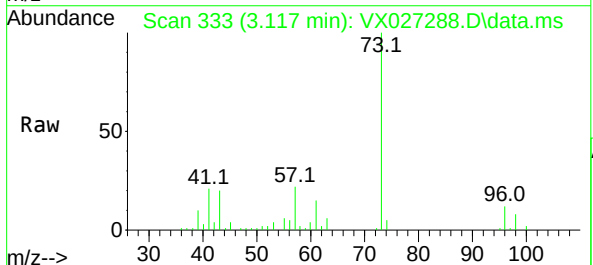
Manual Integrations
APPROVED

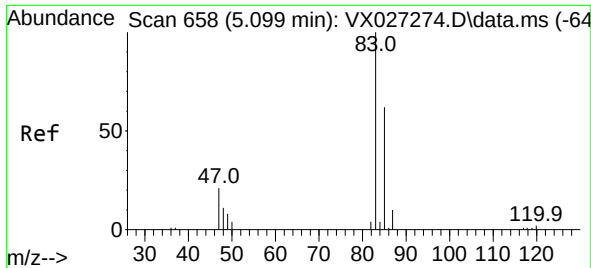
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#24
Methyl tert-Butyl Ether
Concen: 17.926 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

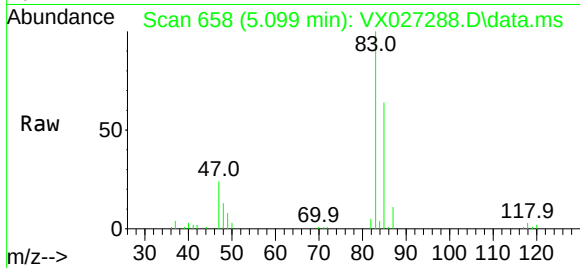
Tgt Ion: 73 Resp: 42297
Ion Ratio Lower Upper
73 100
43 19.8 16.0 24.0





#25
Chloroform
Concen: 17.992 ug/l
RT: 5.099 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

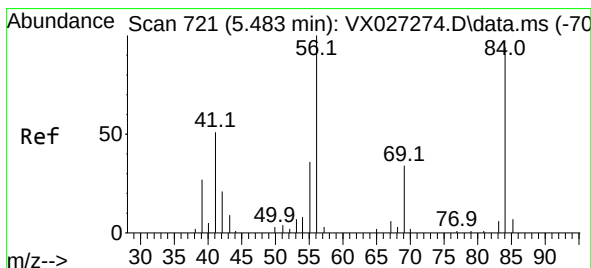
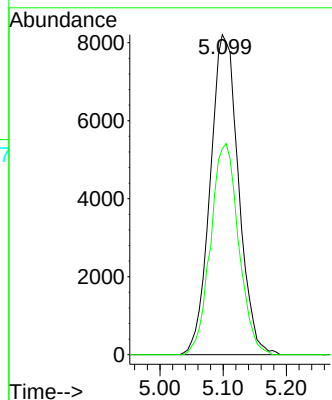
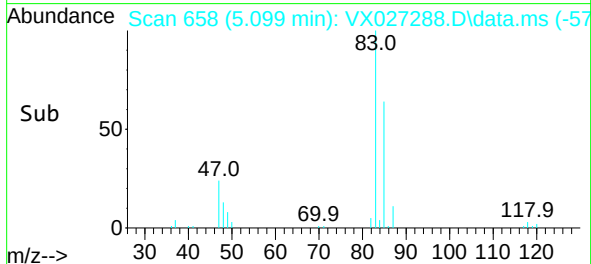
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



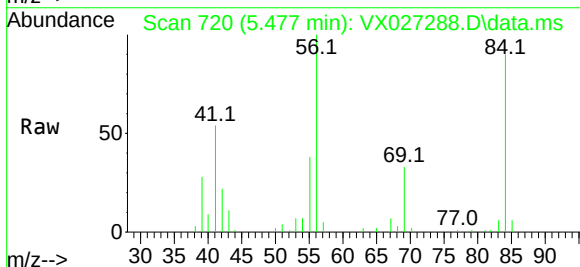
Tgt Ion: 83 Resp: 25479
Ion Ratio Lower Upper
83 100
85 64.4 49.9 74.9

Manual Integrations
APPROVED

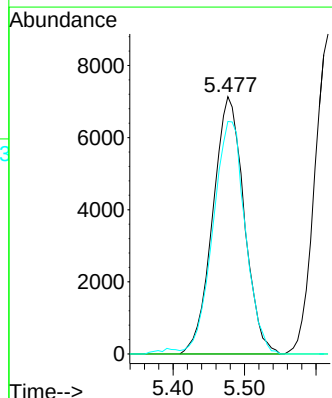
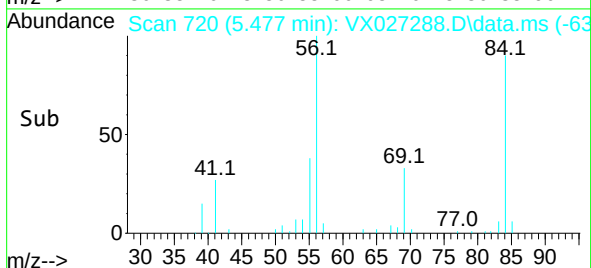
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

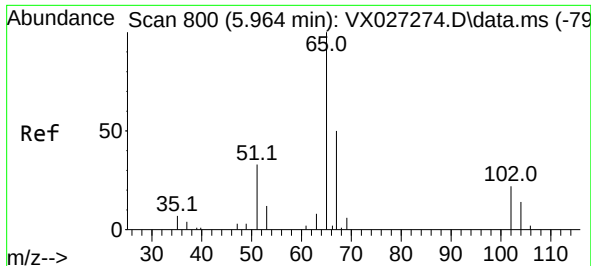


#26
Cyclohexane
Concen: 18.142 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



Tgt Ion: 56 Resp: 21707
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.1 76.2 114.2





#27

1,2-Dichloroethane-d4

Concen: 30.019 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX027288.D

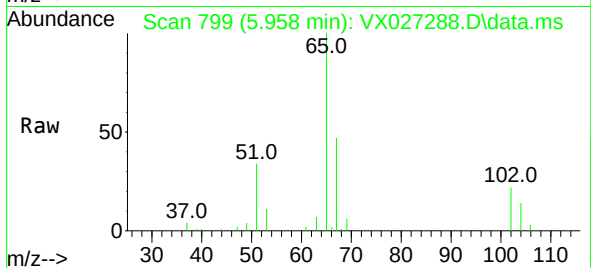
Acq: 03 Mar 2022 22:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 65 Resp: 2580

Ion Ratio Lower Upper

65 100

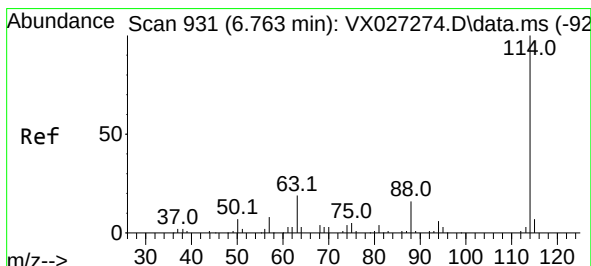
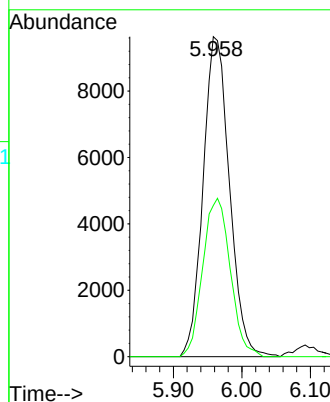
67 51.6 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

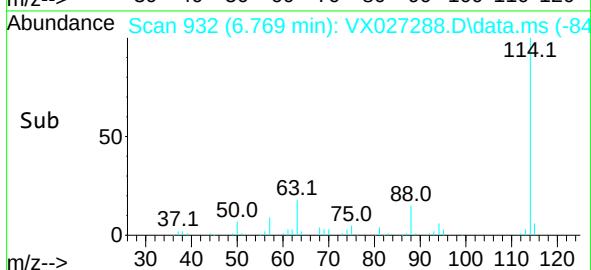
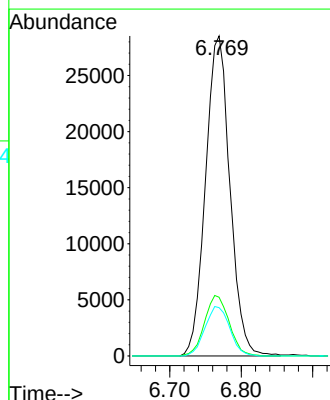
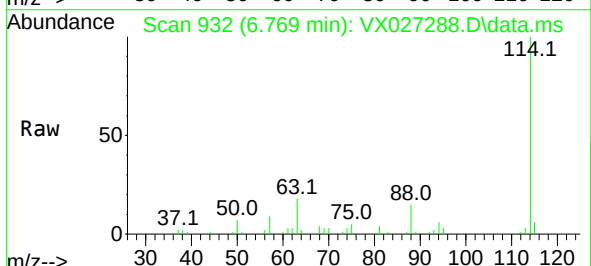
Tgt Ion:114 Resp: 67620

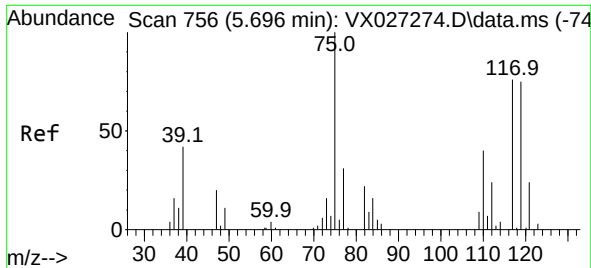
Ion Ratio Lower Upper

114 100

63 19.1 15.3 22.9

88 15.7 12.2 18.4





#29

1,1-Dichloropropene

Concen: 18.247 ug/l

RT: 5.702 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

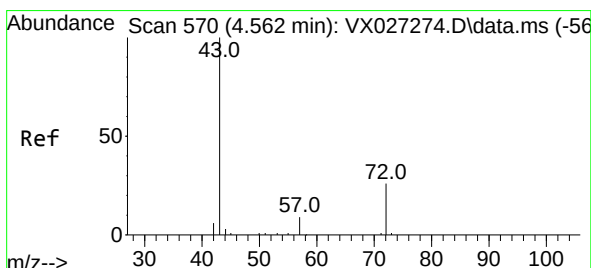
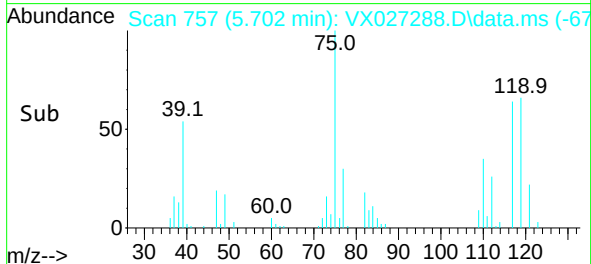
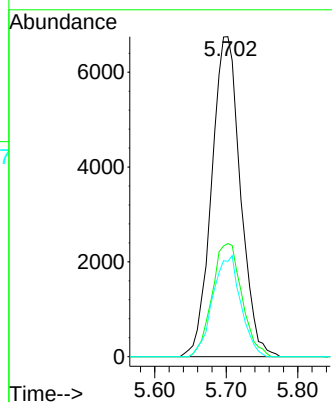
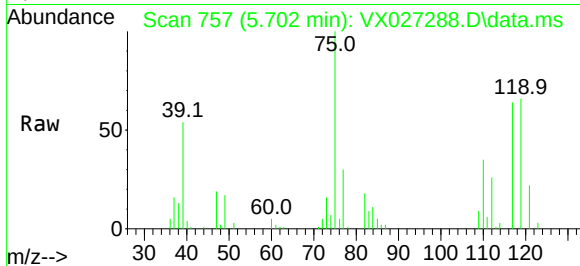
Tgt Ion: 75	Resp: 1886
Ion Ratio	Lower Upper
75 100	
110 36.5	0.0 73.6
77 30.7	0.0 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#30

2-Butanone

Concen: 88.355 ug/l

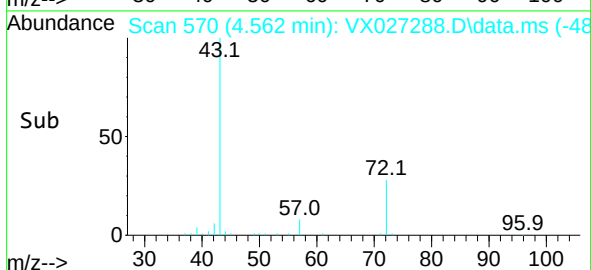
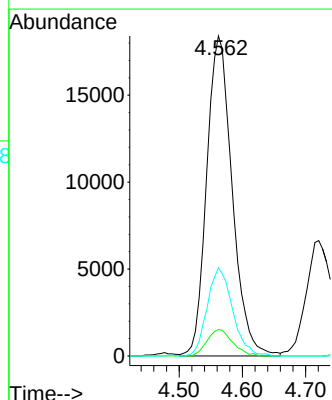
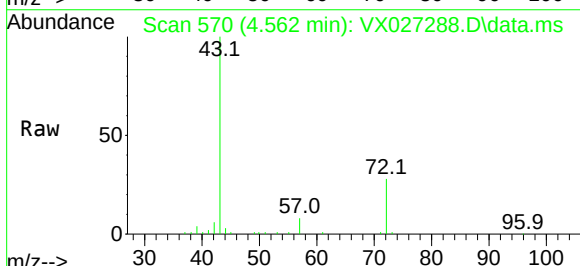
RT: 4.562 min Scan# 570

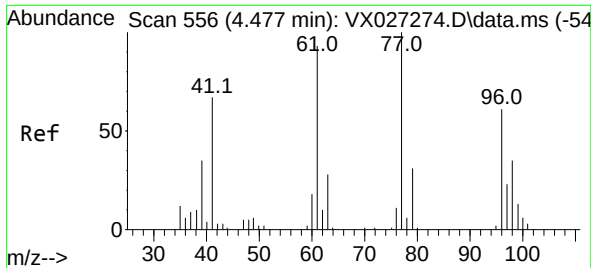
Delta R.T. -0.000 min

Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

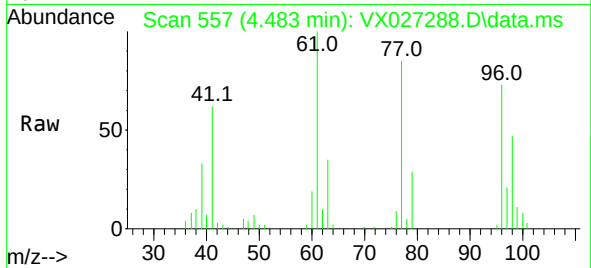
Tgt Ion: 43	Resp: 51558
Ion Ratio	Lower Upper
43 100	
57 8.3	6.6 10.0
72 27.2	22.1 33.1





#31
2,2-Dichloropropane
Concen: 14.823 ug/l
RT: 4.483 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

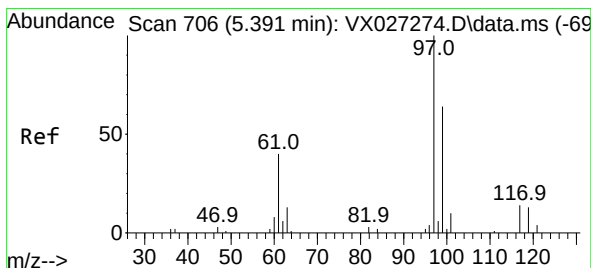
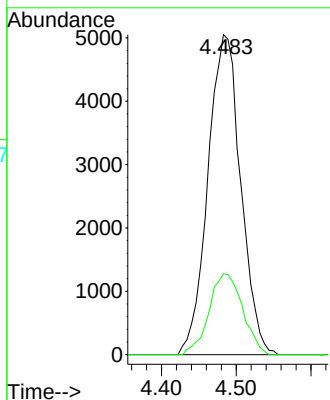
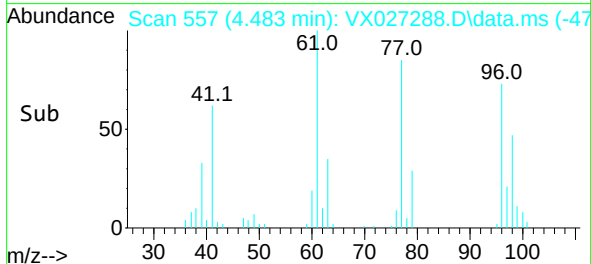
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



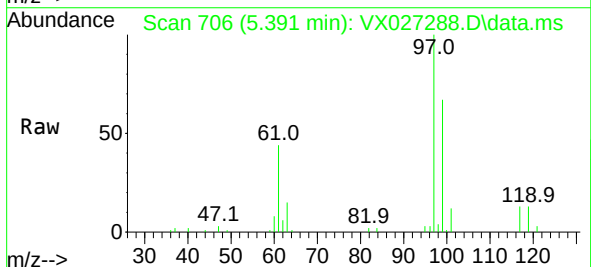
Tgt Ion: 77 Resp: 15404
Ion Ratio Lower Upper
77 100
97 25.9 18.4 27.6

Manual Integrations
APPROVED

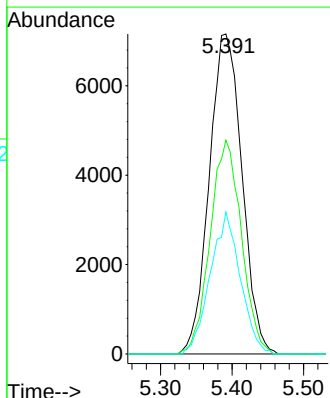
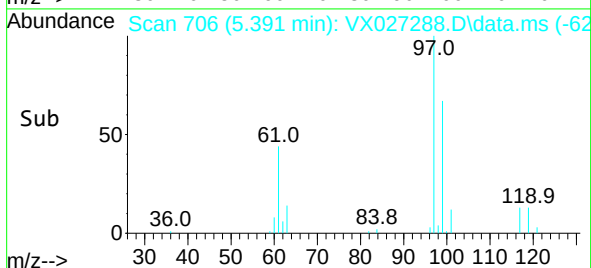
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

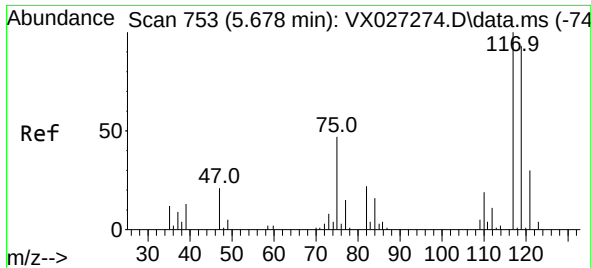


#32
1,1,1-Trichloroethane
Concen: 18.123 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



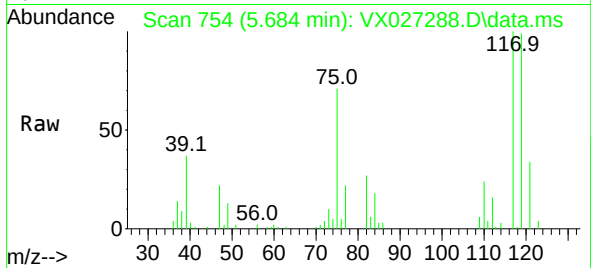
Tgt Ion: 97 Resp: 22752
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.8
61 40.7 33.4 50.0





#33
Carbon Tetrachloride
Concen: 17.264 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

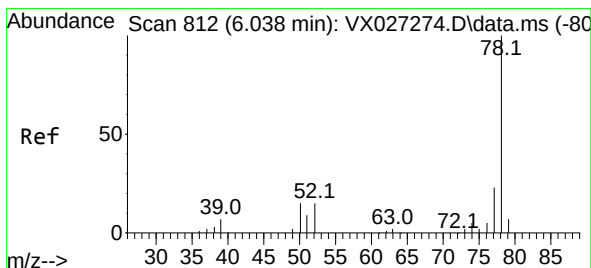
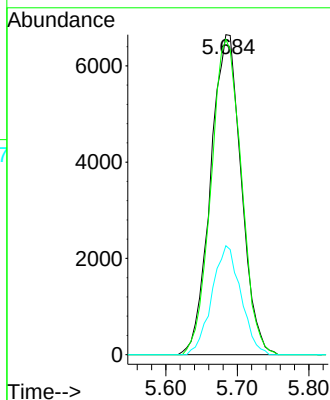
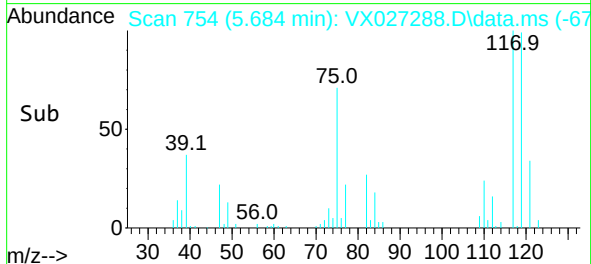
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 1977
Ion Ratio Lower Upper
117 100
119 98.5 75.3 112.9
121 34.0 24.1 36.1

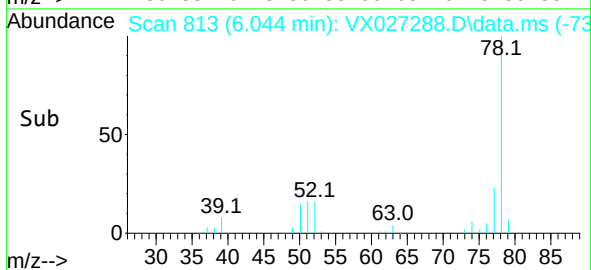
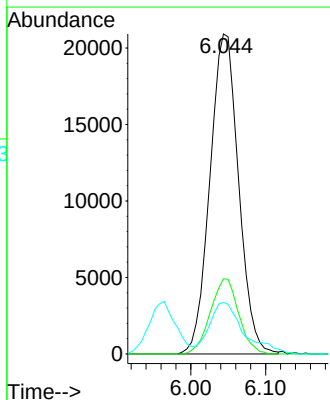
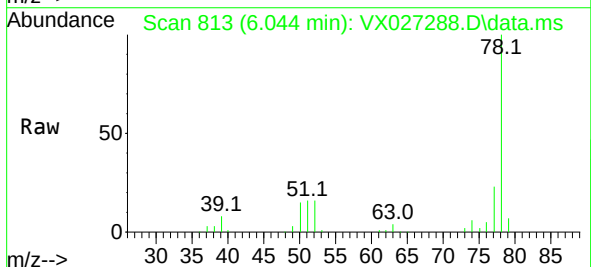
Manual Integrations
APPROVED

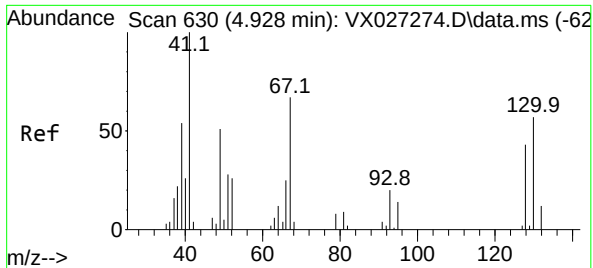
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#34
Benzene
Concen: 18.438 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

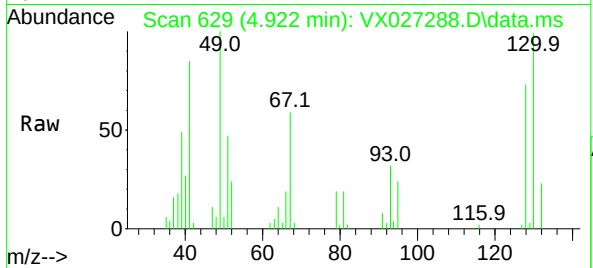
Tgt Ion: 78 Resp: 55697
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7
51 14.6 12.9 19.3





#35
Methacrylonitrile
Concen: 17.508 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

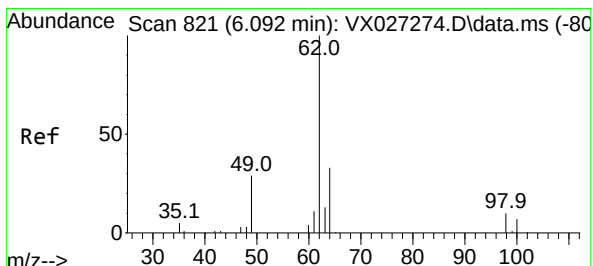
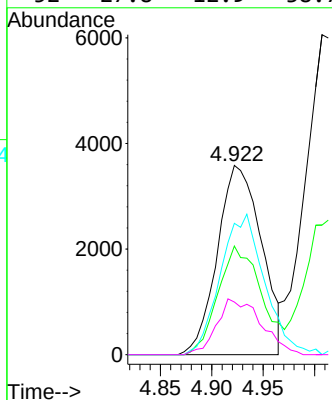
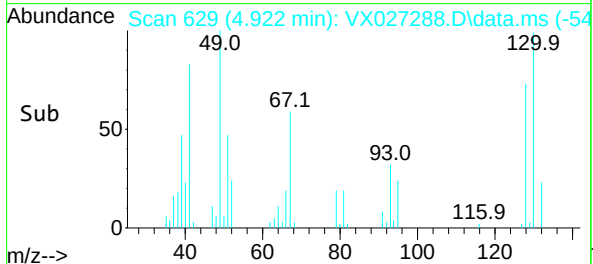
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



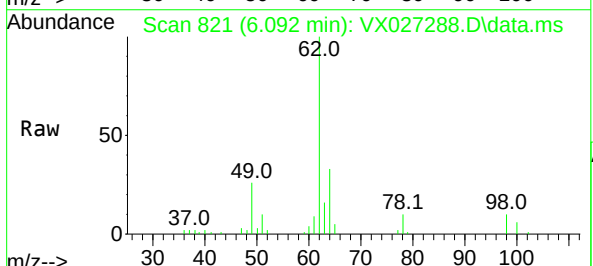
Tgt Ion: 41 Resp: 10680
Ion Ratio Lower Upper
41 100
39 57.4 27.0 81.0
67 69.4 33.3 99.8
52 27.8 12.9 38.7

Manual Integrations
APPROVED

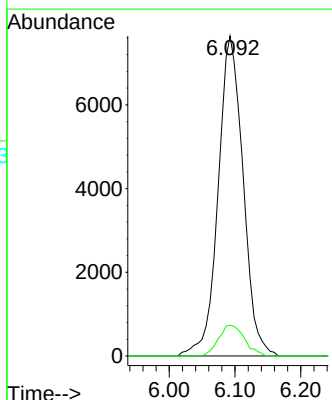
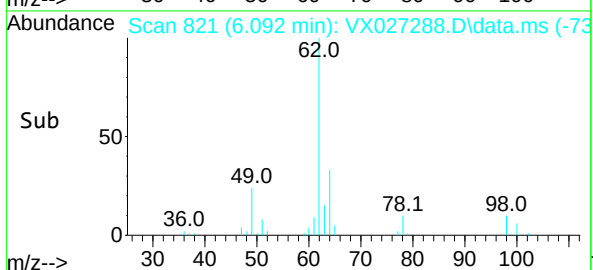
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

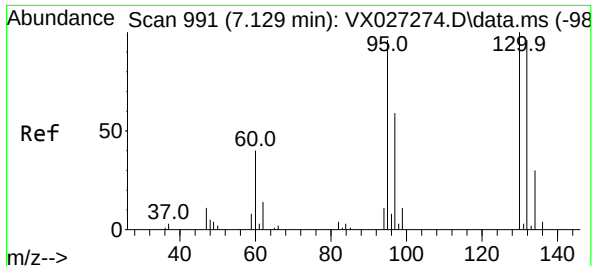


#36
1,2-Dichloroethane
Concen: 18.333 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



Tgt Ion: 62 Resp: 20172
Ion Ratio Lower Upper
62 100
98 10.0 7.4 11.0





#37

Trichloroethene

Concen: 18.023 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 16449

Ion Ratio Lower Upper

130 100

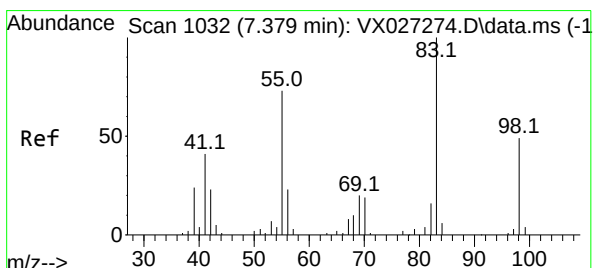
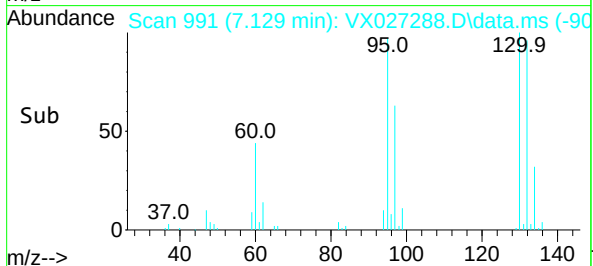
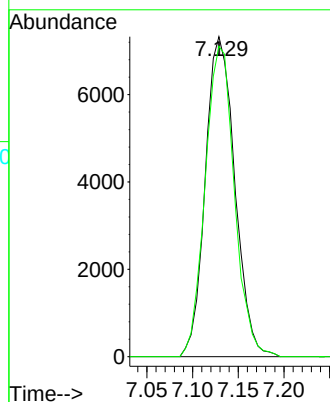
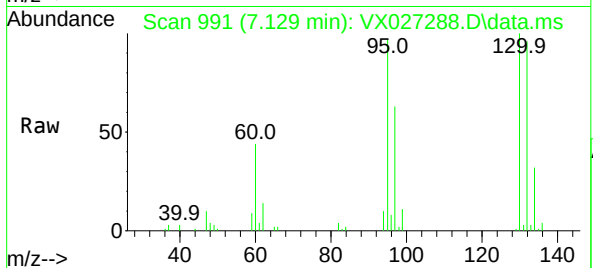
95 97.0 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#38

Methylcyclohexane

Concen: 17.471 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

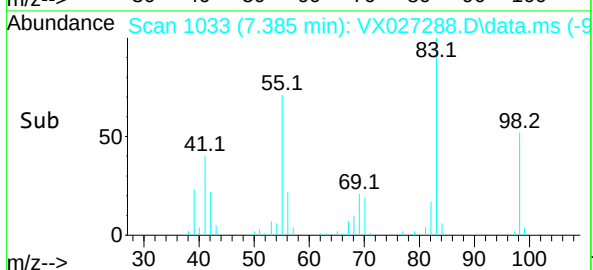
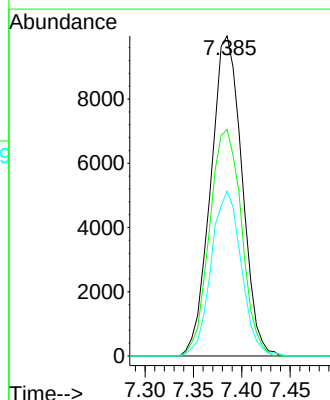
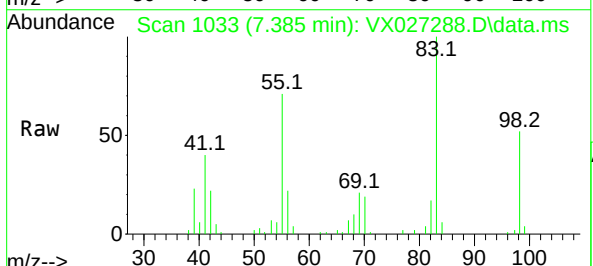
Tgt Ion: 83 Resp: 22373

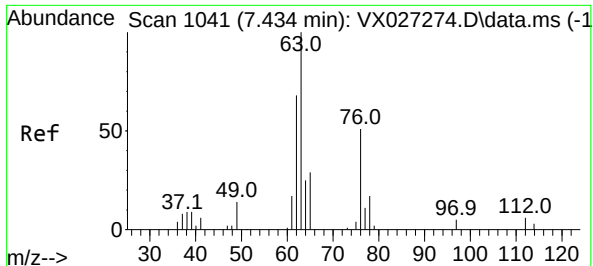
Ion Ratio Lower Upper

83 100

55 72.4 37.0 110.9

98 49.5 25.9 77.8





#39

1,2-Dichloropropane

Concen: 18.251 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 1353

Ion Ratio Lower Upper

63 100

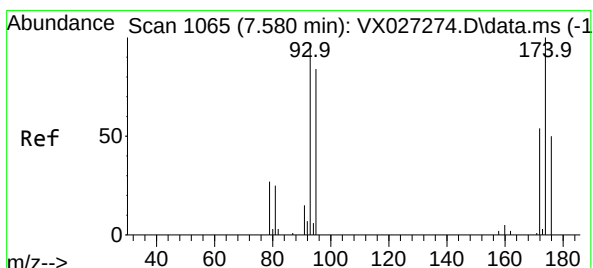
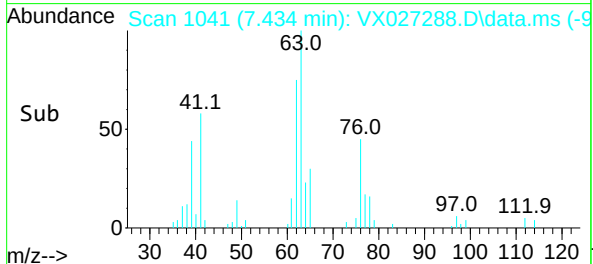
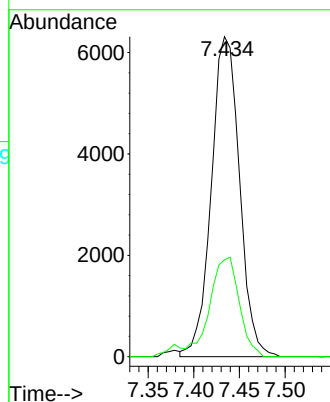
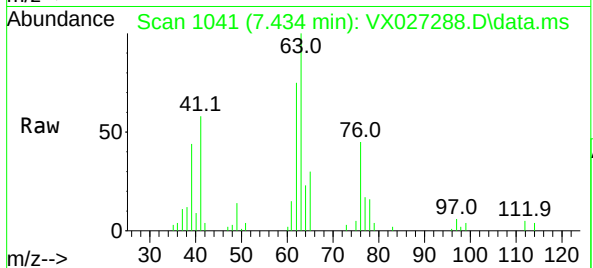
65 30.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#40

Dibromomethane

Concen: 18.571 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

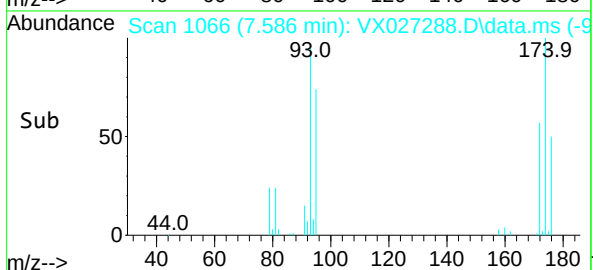
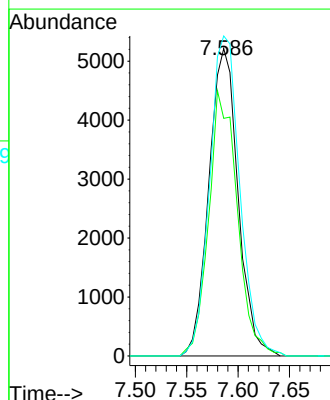
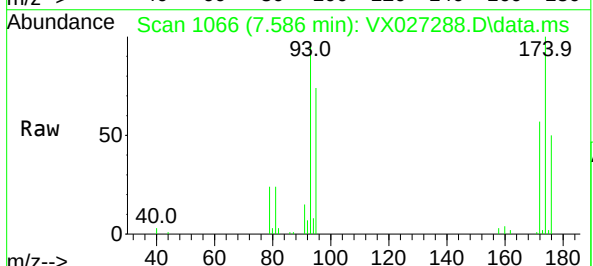
Tgt Ion: 93 Resp: 10299

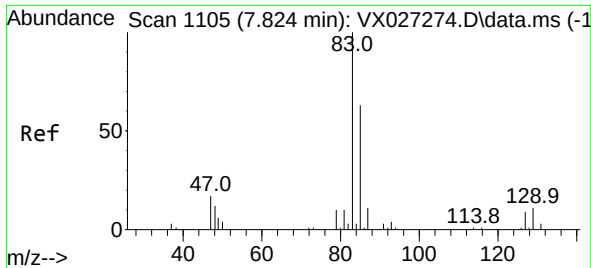
Ion Ratio Lower Upper

93 100

95 84.5 0.0 168.8

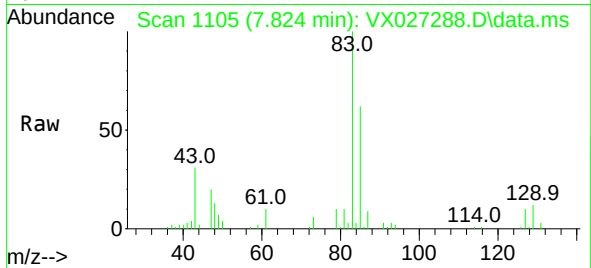
174 107.6 0.0 220.8





#41
Bromodichloromethane
Concen: 17.601 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

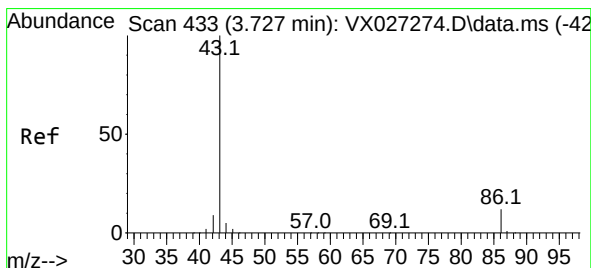
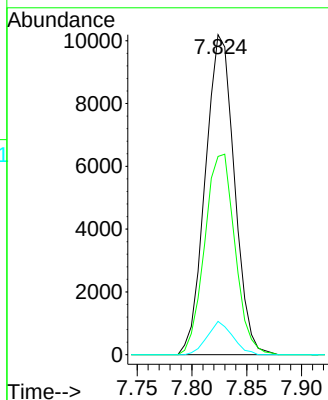
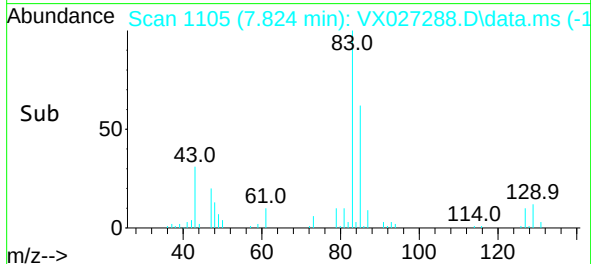
Instrument : MSVOA_X
ClientSampleId : VSTDCCC020EC



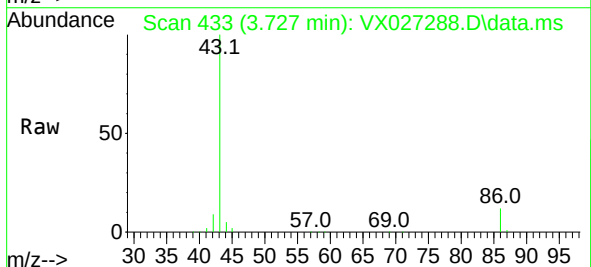
Tgt Ion: 83 Resp: 1881
Ion Ratio Lower Upper
83 100
85 61.9 50.6 75.8
127 10.4 7.0 10.6

Manual Integrations
APPROVED

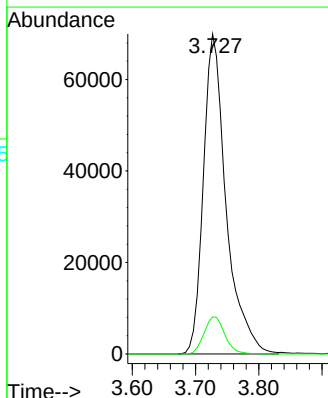
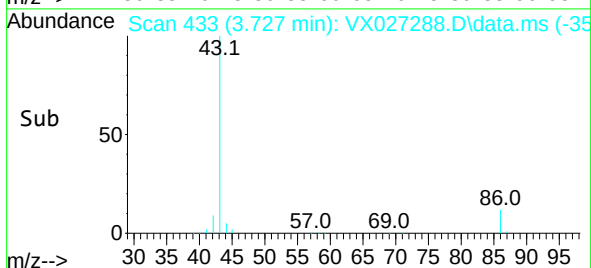
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

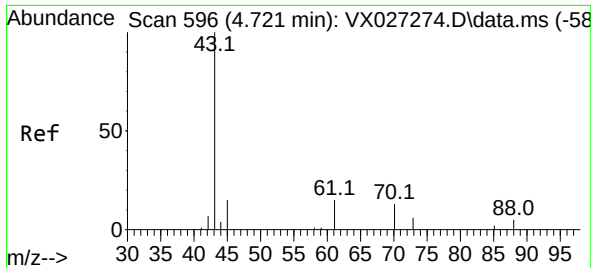


#42
Vinyl Acetate
Concen: 89.595 ug/l
RT: 3.727 min Scan# 433
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



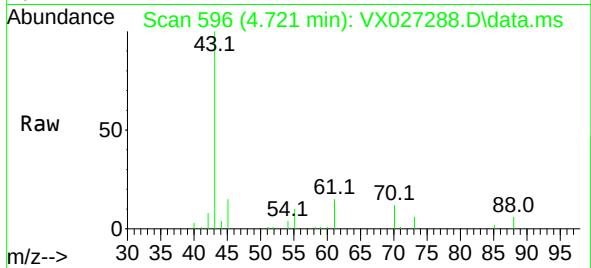
Tgt Ion: 43 Resp: 175256
Ion Ratio Lower Upper
43 100
86 10.6 8.5 12.7





#43
Ethyl Acetate
Concen: 18.084 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

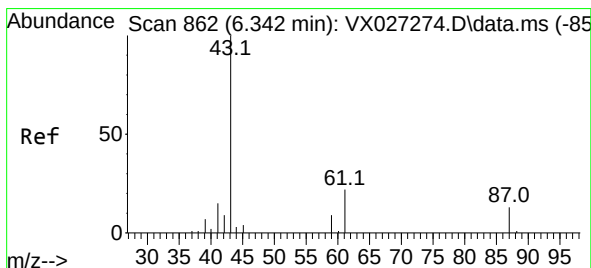
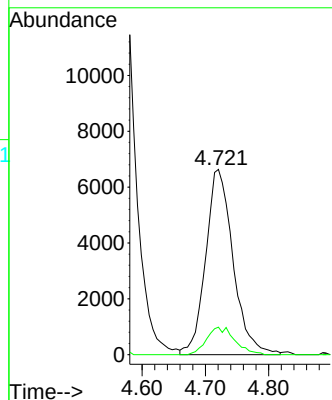
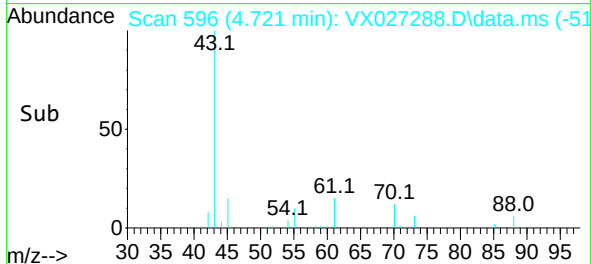
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



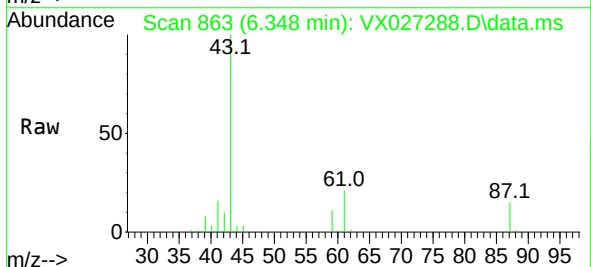
Tgt Ion: 43 Resp: 1998
Ion Ratio Lower Upper
43 100
45 8.8 11.8 17.6

Manual Integrations
APPROVED

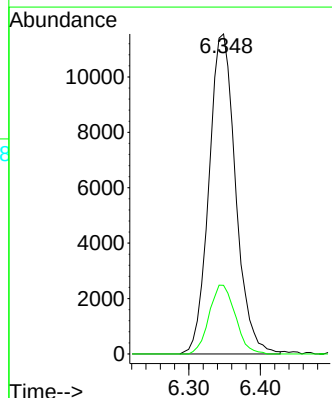
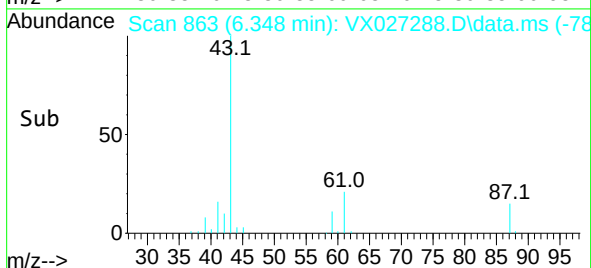
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

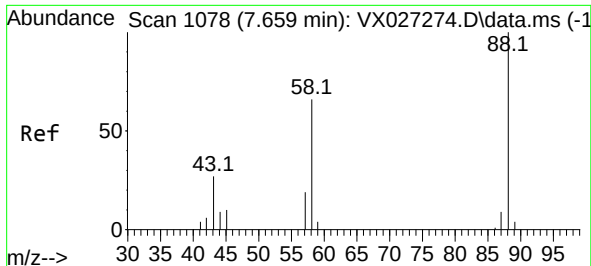


#44
Isopropyl Acetate
Concen: 17.522 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



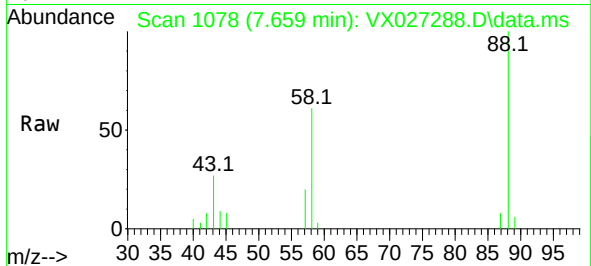
Tgt Ion: 43 Resp: 29913
Ion Ratio Lower Upper
43 100
61 21.0 17.0 25.4





#45
1,4-Dioxane
Concen: 314.500 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

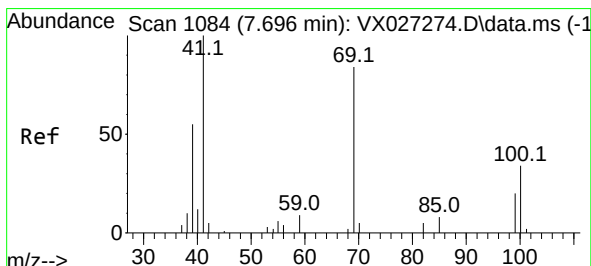
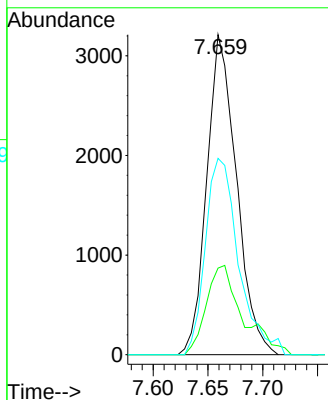
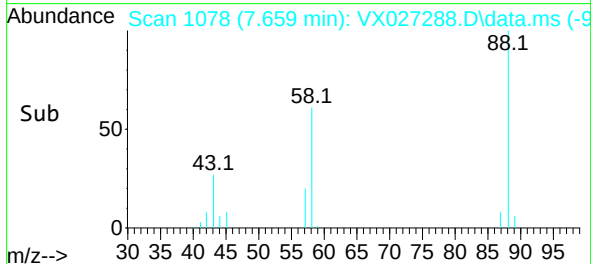
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



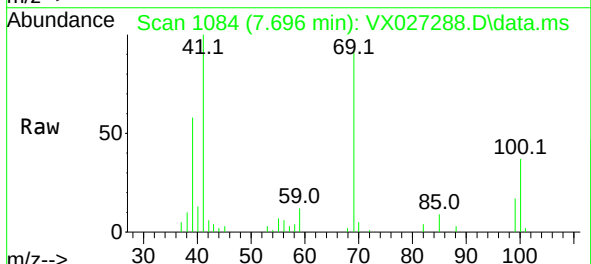
Tgt Ion: 88 Resp: 6058
Ion Ratio Lower Upper
88 100
43 27.7 25.8 38.6
58 67.7 54.8 82.2

Manual Integrations
APPROVED

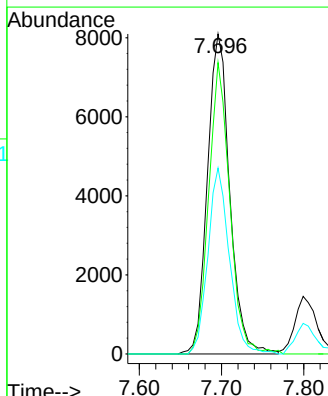
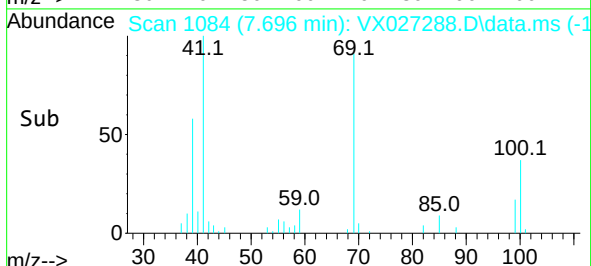
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

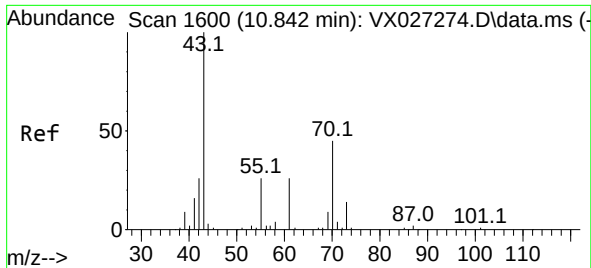


#46
Methyl methacrylate
Concen: 18.003 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



Tgt Ion: 41 Resp: 15247
Ion Ratio Lower Upper
41 100
69 91.0 41.9 125.8
39 58.1 27.5 82.5





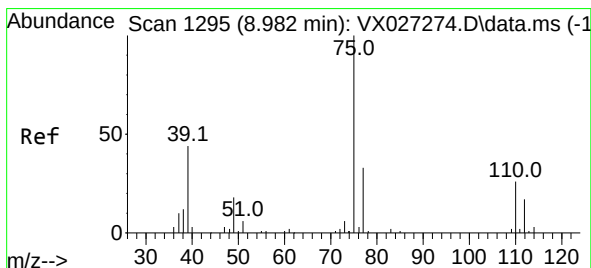
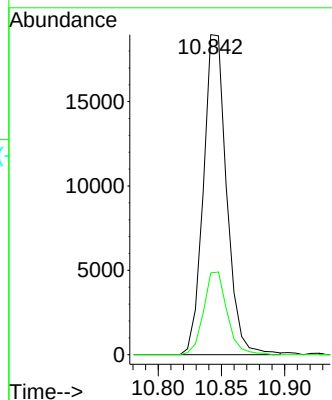
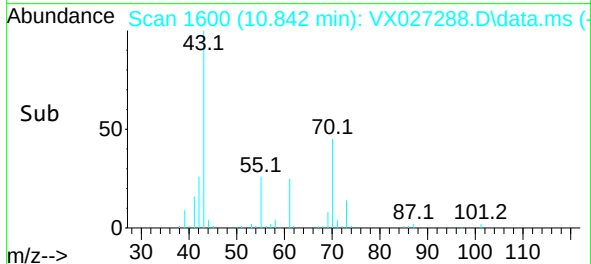
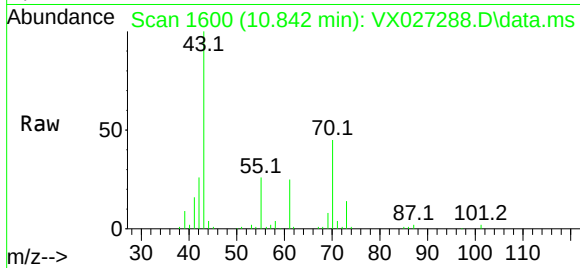
#47
n-amy1 Acetate
Concen: 17.265 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 2429
Ion Ratio Lower Upper
43 100
55 26.1 20.4 30.6

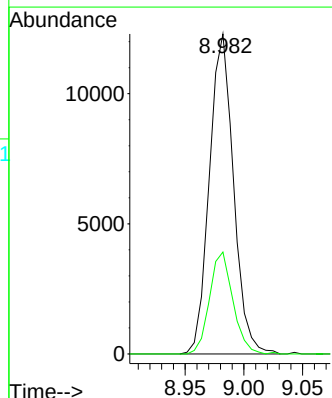
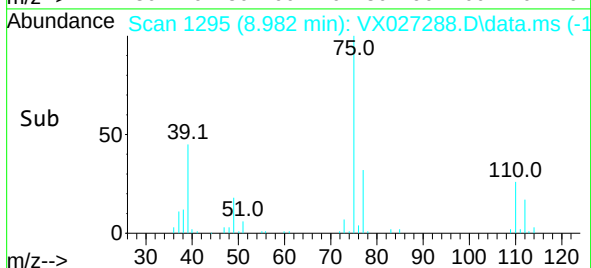
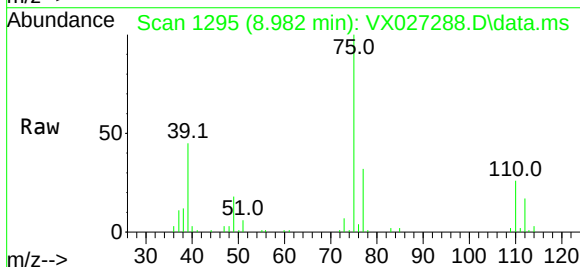
Manual Integrations
APPROVED

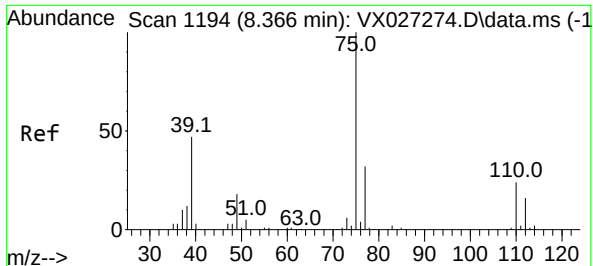
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#48
t-1,3-Dichloropropene
Concen: 15.919 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

Tgt Ion: 75 Resp: 17569
Ion Ratio Lower Upper
75 100
77 31.8 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 16.689 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX027288.D

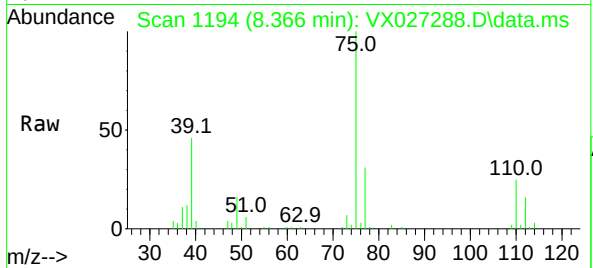
Acq: 03 Mar 2022 22:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



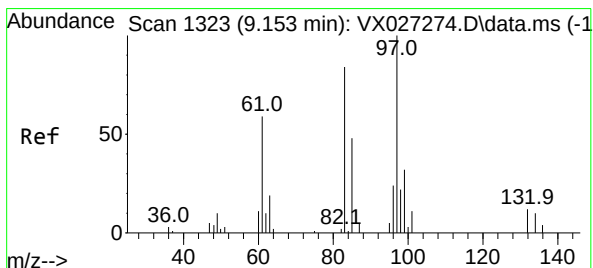
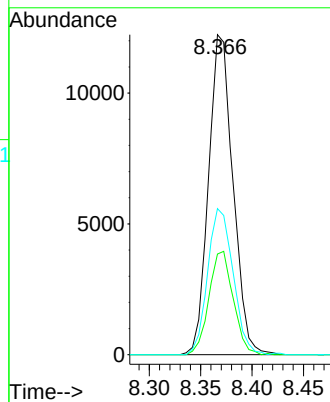
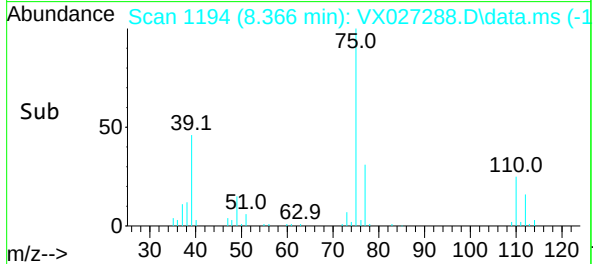
Tgt Ion:	75	Resp:	2023
Ion Ratio	Lower	Upper	
75	100		
77	31.5	25.2	37.8
39	45.6	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#50

1,1,2-Trichloroethane

Concen: 17.959 ug/l

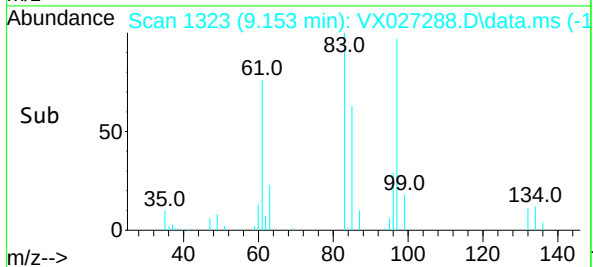
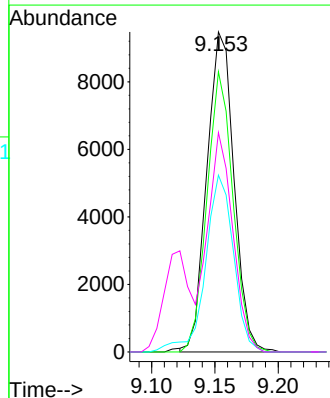
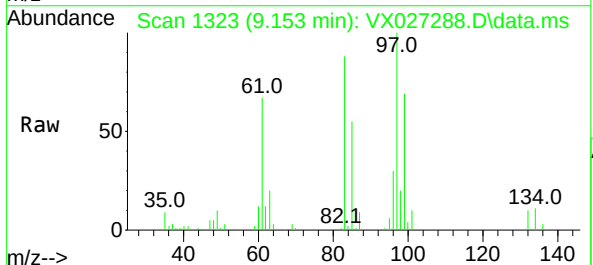
RT: 9.153 min Scan# 1323

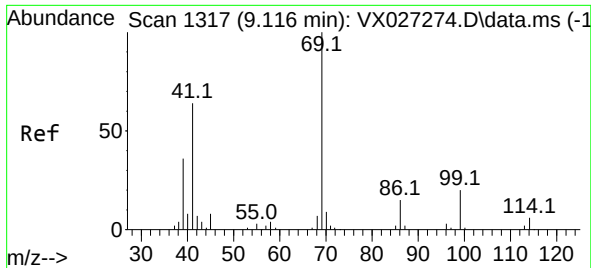
Delta R.T. -0.000 min

Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

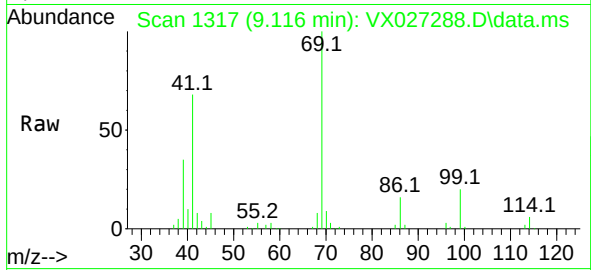
Tgt Ion:	97	Resp:	14155
Ion Ratio	Lower	Upper	
97	100		
83	87.5	66.2	99.4
85	55.2	40.4	60.6
99	68.6	51.1	76.7





#51
Ethyl methacrylate
Concen: 17.440 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

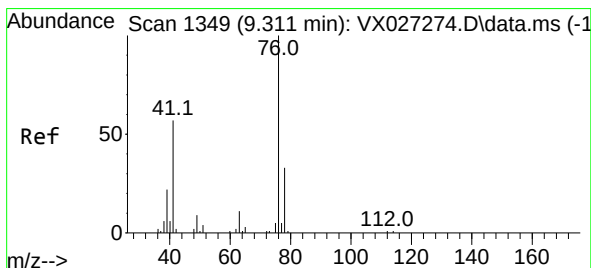
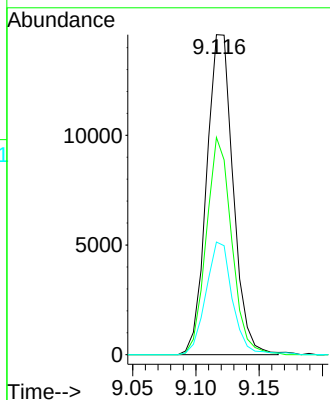
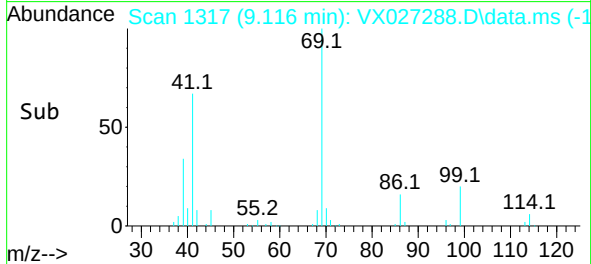
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



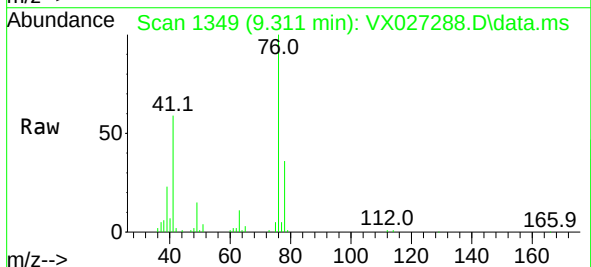
Tgt Ion: 69 Resp: 2132
Ion Ratio Lower Upper
69 100
41 67.9 32.1 96.5
39 35.2 18.3 54.9

Manual Integrations
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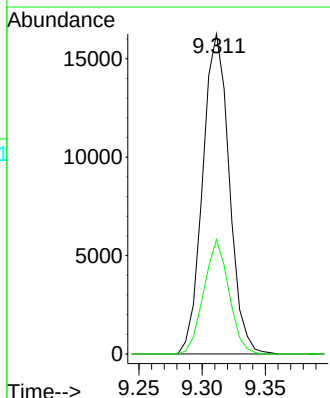
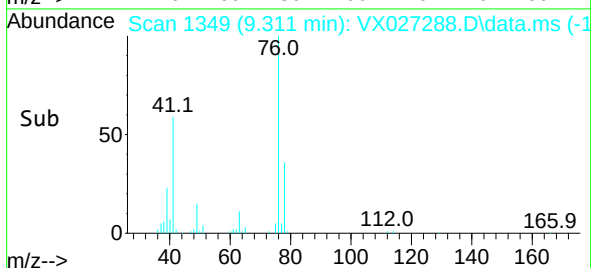
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

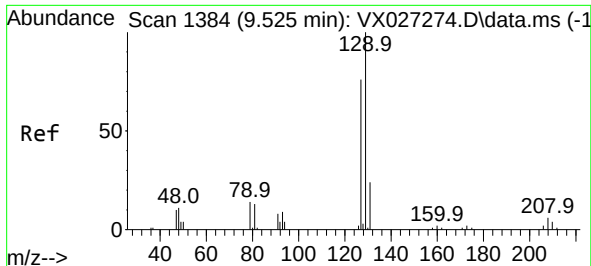


#52
1,3-Dichloropropane
Concen: 18.049 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



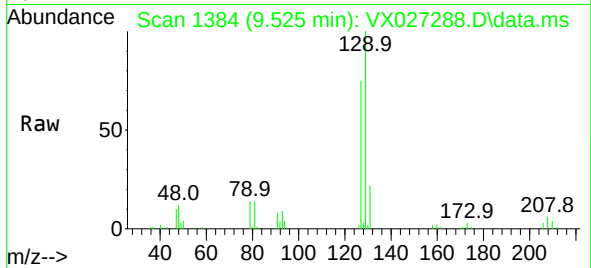
Tgt Ion: 76 Resp: 23758
Ion Ratio Lower Upper
76 100
78 33.7 0.0 64.4





#53
Dibromochloromethane
Concen: 17.946 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

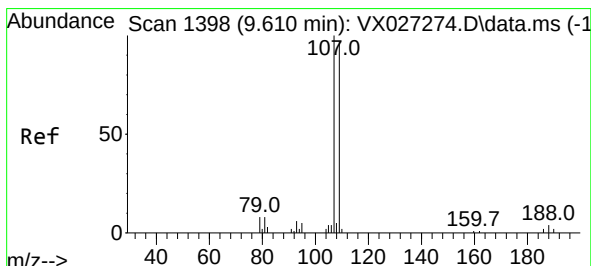
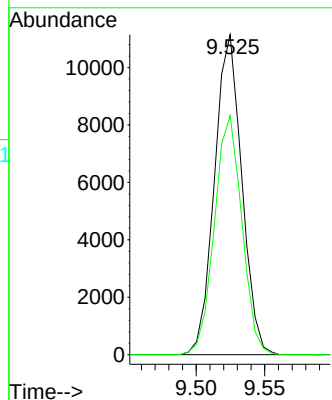
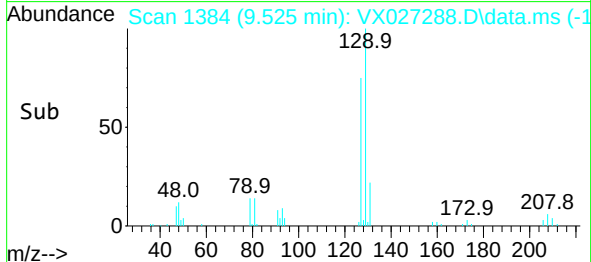
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



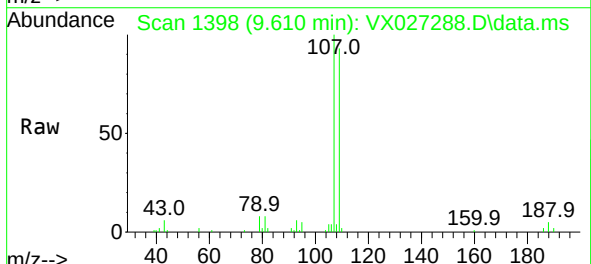
Tgt Ion:129 Resp: 1545
Ion Ratio Lower Upper
129 100
127 75.0 38.4 115.1

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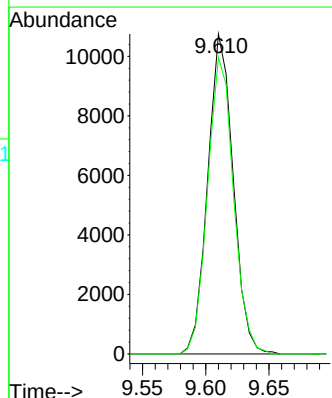
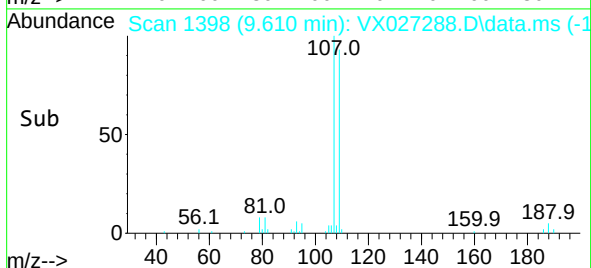
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

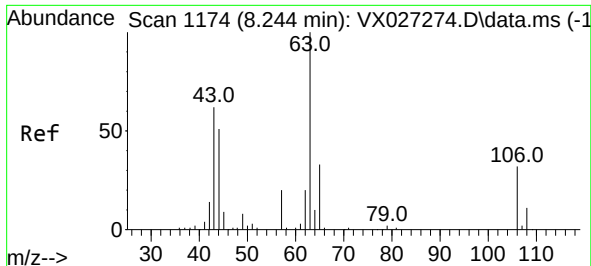


#54
1,2-Dibromoethane
Concen: 17.627 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



Tgt Ion:107 Resp: 15065
Ion Ratio Lower Upper
107 100
109 94.6 76.2 114.4





#55

2-Chloroethyl vinyl ether

Concen: 80.238 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

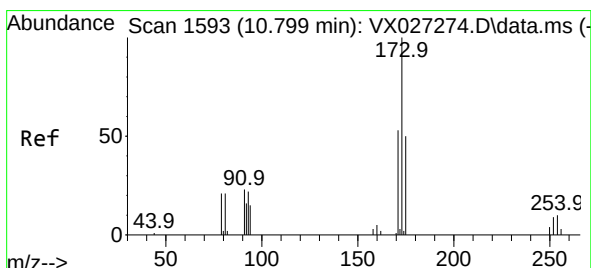
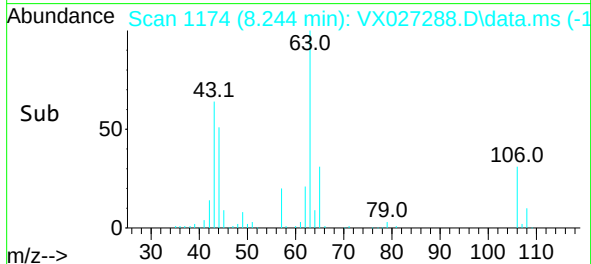
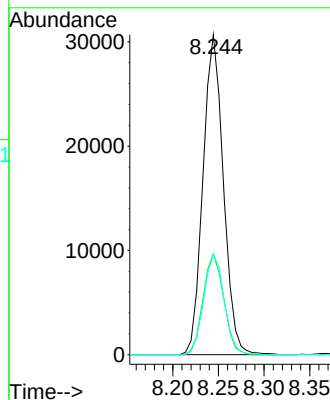
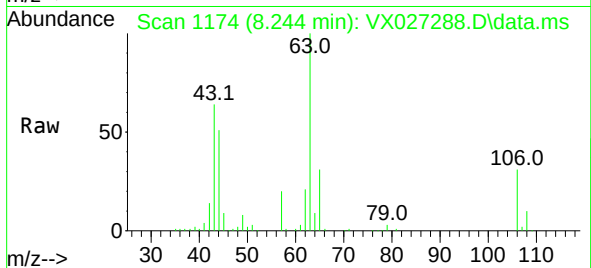
Tgt Ion: 63	Resp: 4752
Ion Ratio	Lower Upper
63 100	
65 31.7	25.9 38.9
106 31.5	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#56

Bromoform

Concen: 16.220 ug/l

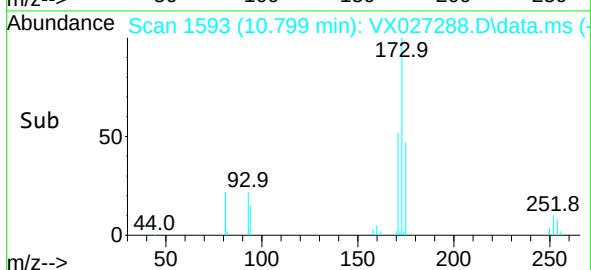
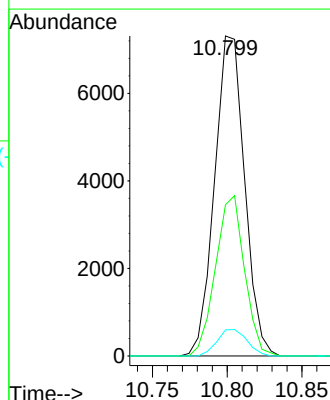
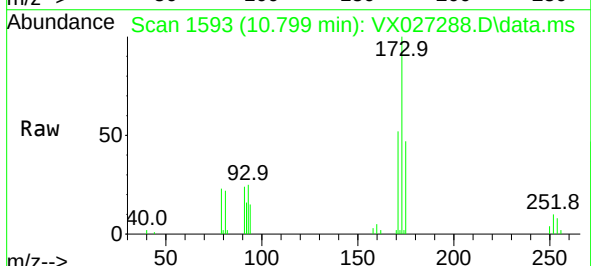
RT: 10.799 min Scan# 1593

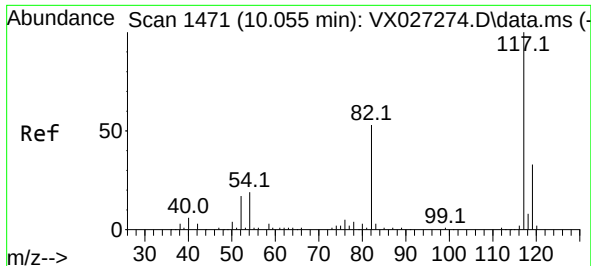
Delta R.T. -0.000 min

Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

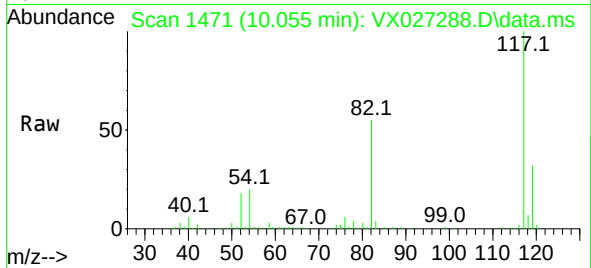
Tgt Ion: 173	Resp: 10215
Ion Ratio	Lower Upper
173 100	
175 48.3	40.3 60.5
254 8.3	7.4 11.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

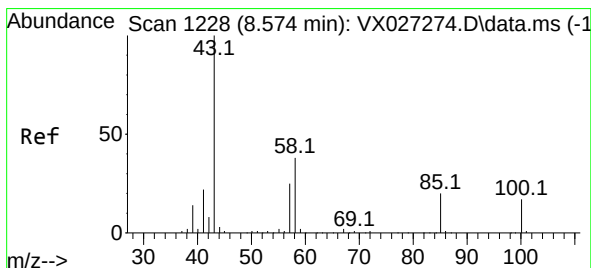
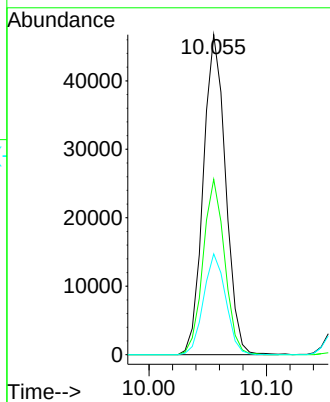
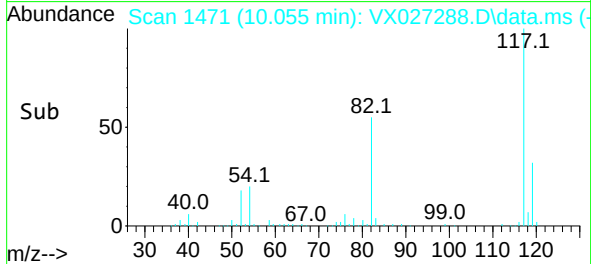
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 61689
Ion Ratio Lower Upper
117 100
82 52.9 42.3 63.5
119 31.3 26.2 39.2

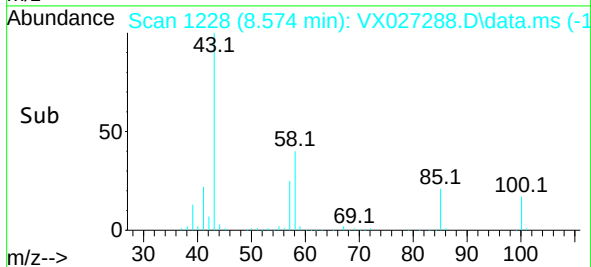
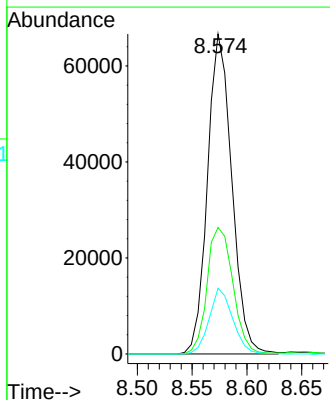
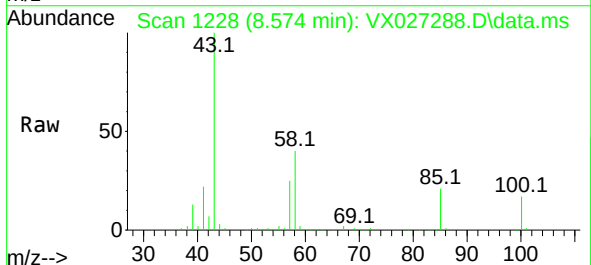
Manual Integrations
APPROVED

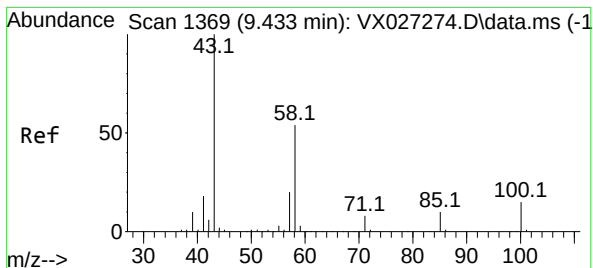
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#58
4-Methyl-2-Pentanone
Concen: 92.316 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

Tgt Ion: 43 Resp: 103017
Ion Ratio Lower Upper
43 100
58 41.9 31.8 47.6
85 19.9 15.8 23.6





#59

2-Hexanone

Concen: 88.240 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX027288.D

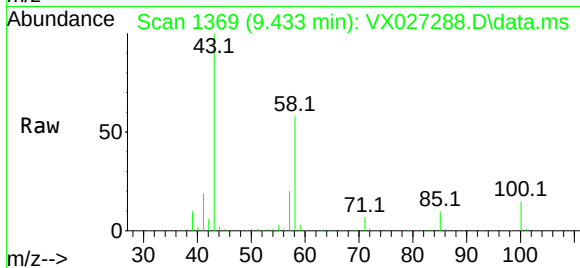
Acq: 03 Mar 2022 22:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 43 Resp: 75350

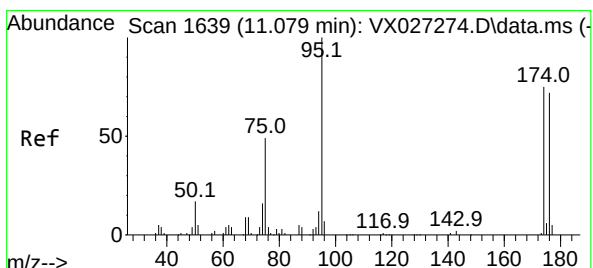
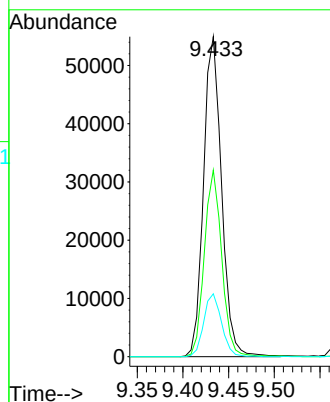
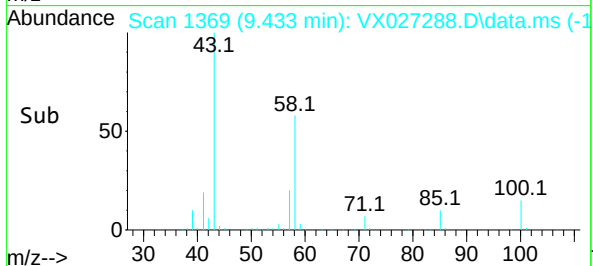
Ion	Ratio	Lower	Upper
43	100		
58	56.2	44.1	66.1
57	19.4	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#60

4-Bromofluorobenzene

Concen: 29.022 ug/l

RT: 11.079 min Scan# 1639

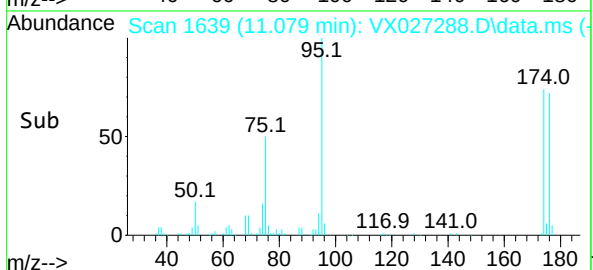
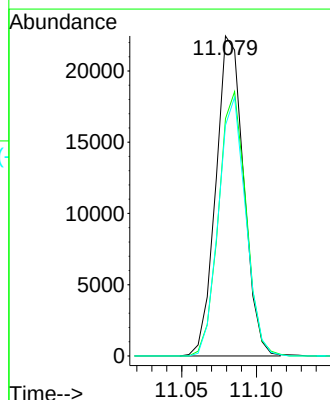
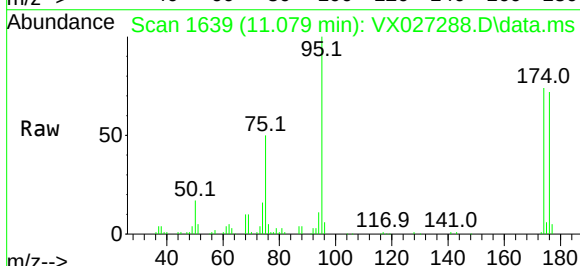
Delta R.T. -0.000 min

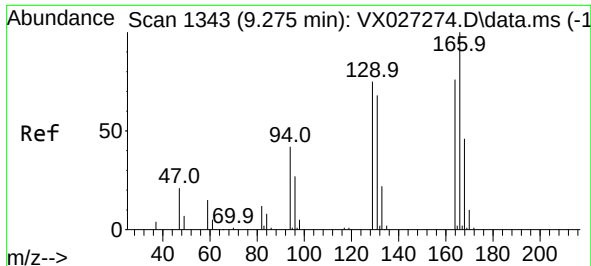
Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

Tgt Ion: 95 Resp: 29004

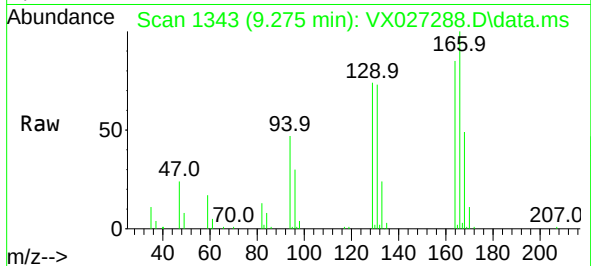
Ion	Ratio	Lower	Upper
95	100		
174	81.3	65.4	98.2
176	79.0	63.4	95.0





#61
Tetrachloroethene
Concen: 18.824 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

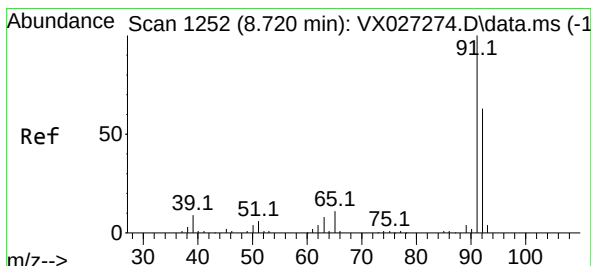
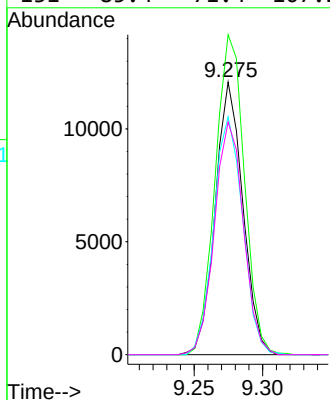
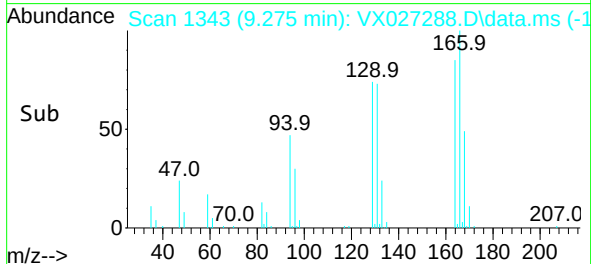
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



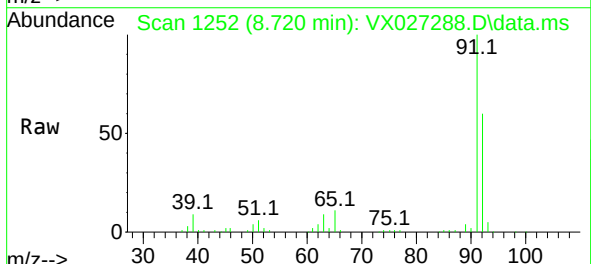
Tgt Ion:164 Resp: 16938
Ion Ratio Lower Upper
164 100
166 117.4 105.0 157.6
129 87.2 78.5 117.7
131 85.4 71.4 107.2

Manual Integrations
APPROVED

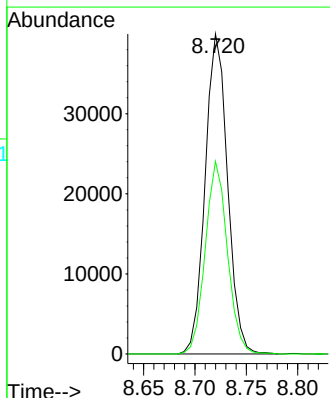
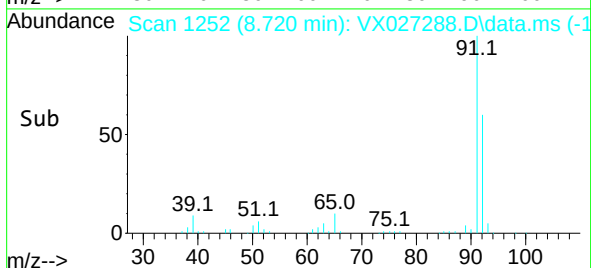
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

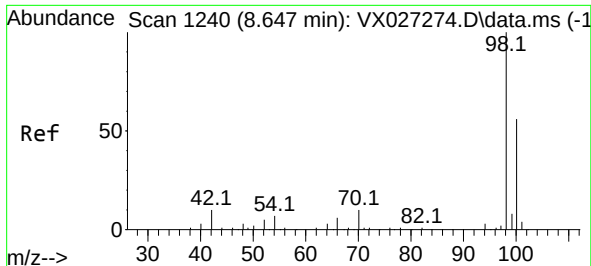


#62
Toluene
Concen: 18.041 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



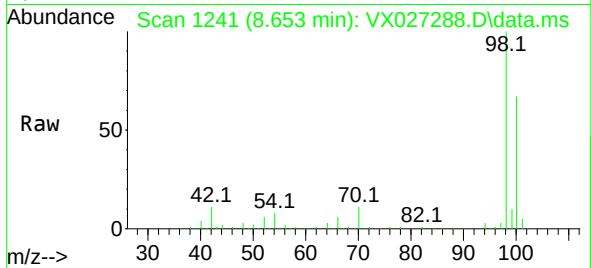
Tgt Ion: 91 Resp: 60626
Ion Ratio Lower Upper
91 100
92 59.5 48.1 72.1





#63
Toluene-d8
Concen: 30.259 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

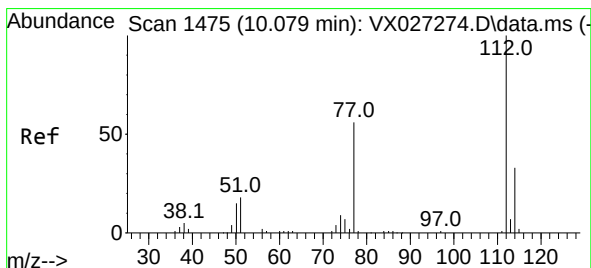
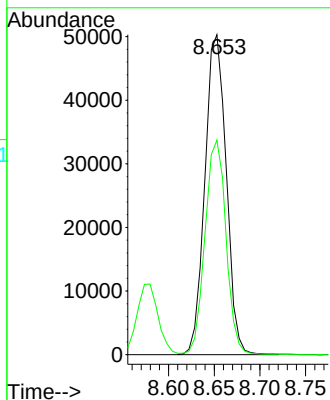
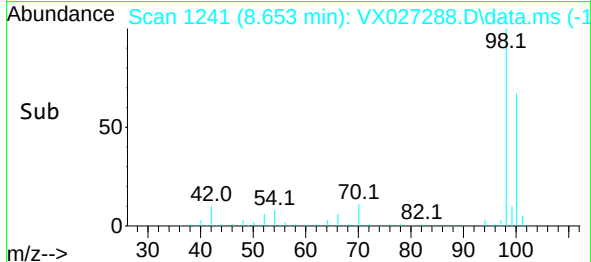
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 81602
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.2

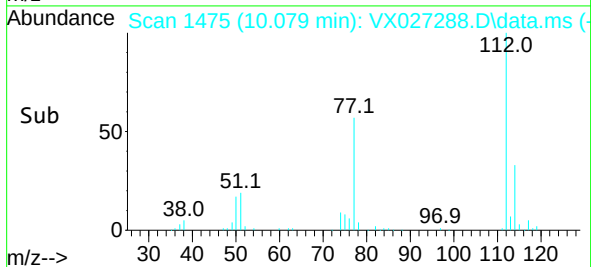
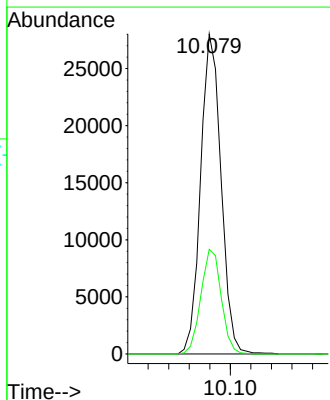
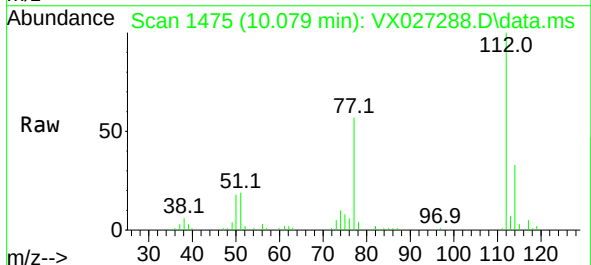
Manual Integrations
APPROVED

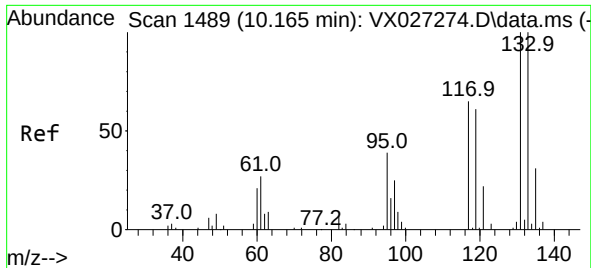
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#64
Chlorobenzene
Concen: 18.010 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

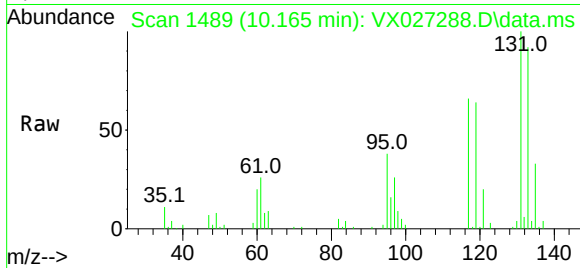
Tgt Ion:112 Resp: 38779
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 17.036 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

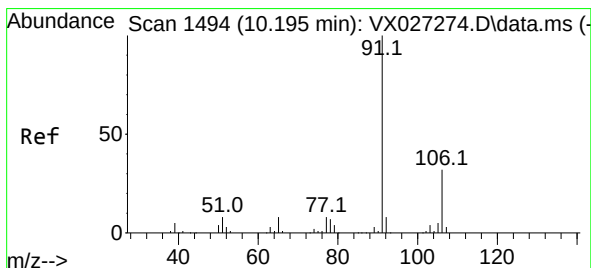
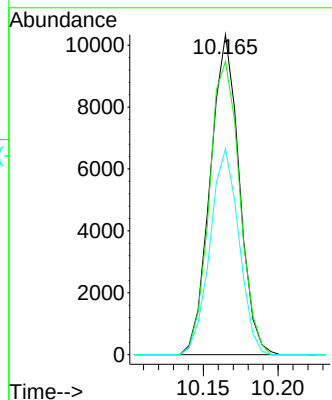
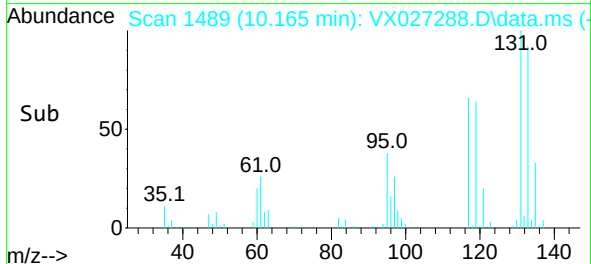
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



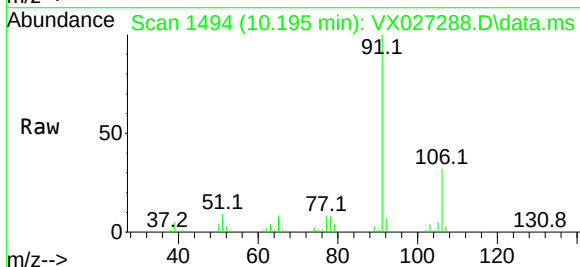
Tgt Ion:131 Resp: 1392
Ion Ratio Lower Upper
131 100
133 95.9 0.0 197.2
119 64.2 0.0 127.4

Manual Integrations
APPROVED

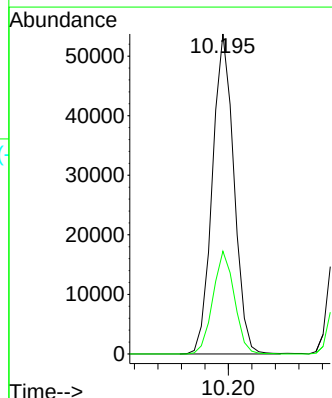
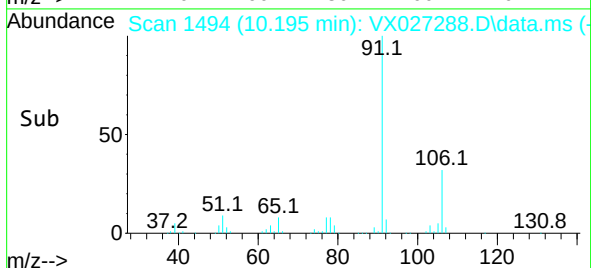
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

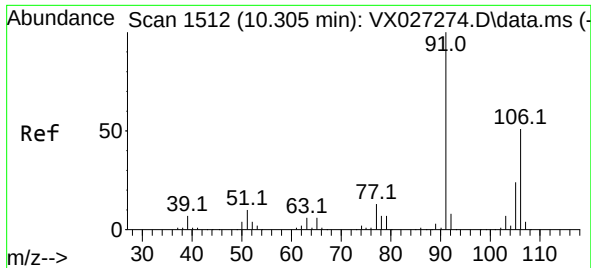


#66
Ethyl Benzene
Concen: 18.043 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



Tgt Ion: 91 Resp: 68346
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.8





#67

m/p-Xylenes

Concen: 36.029 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX027288.D

Acq: 03 Mar 2022 22:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:106 Resp: 53439

Ion Ratio Lower Upper

106 100

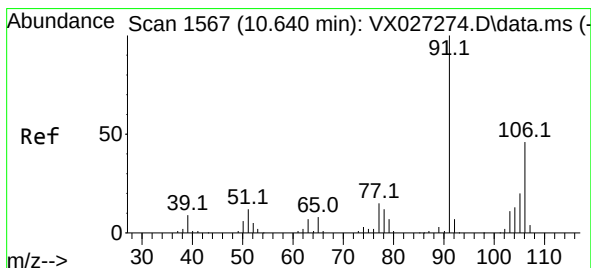
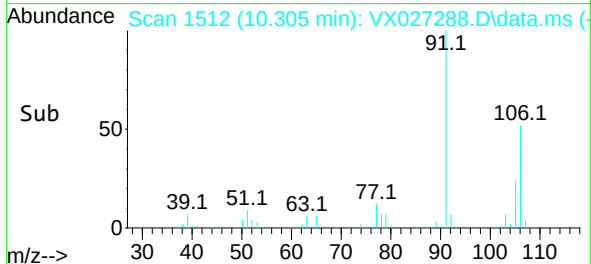
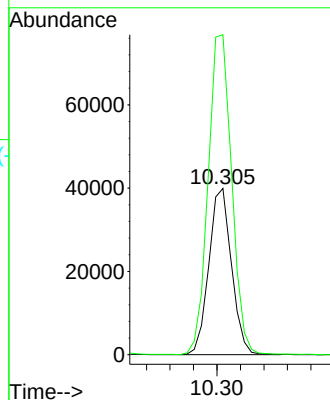
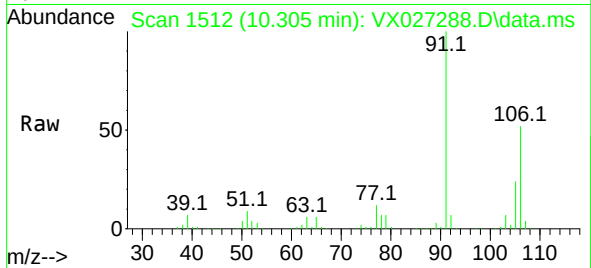
91 200.6 159.5 239.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#68

o-Xylene

Concen: 18.200 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX027288.D

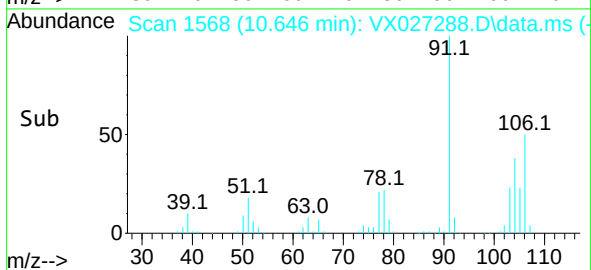
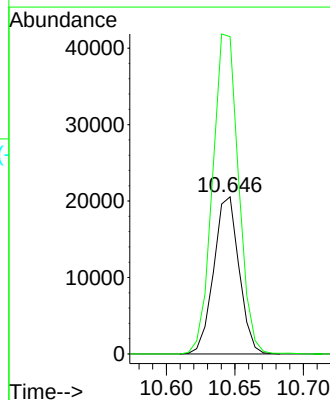
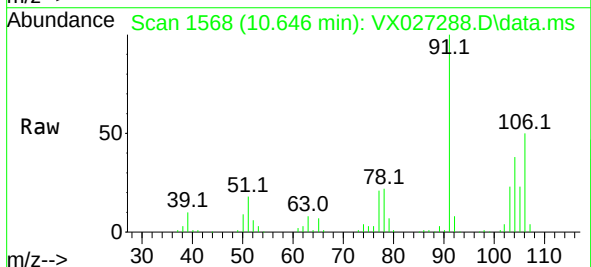
Acq: 03 Mar 2022 22:57

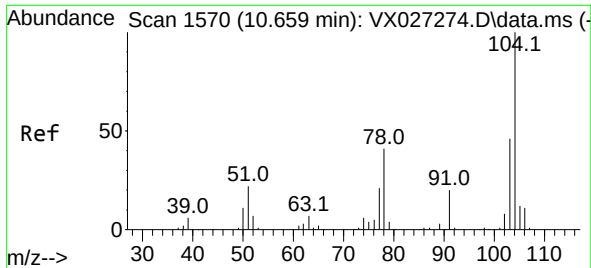
Tgt Ion:106 Resp: 26386

Ion Ratio Lower Upper

106 100

91 209.0 105.4 316.2





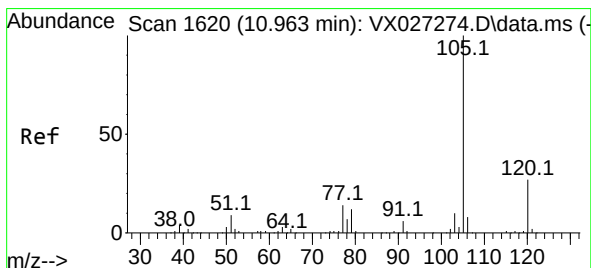
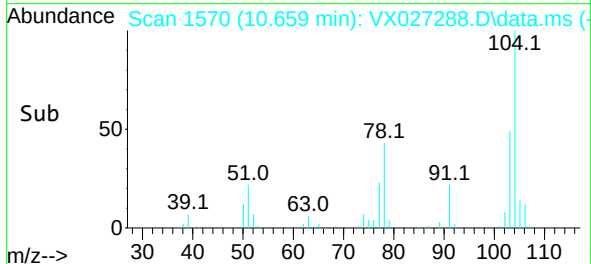
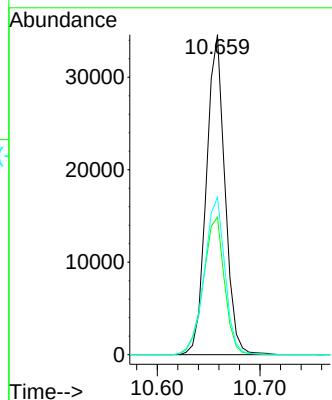
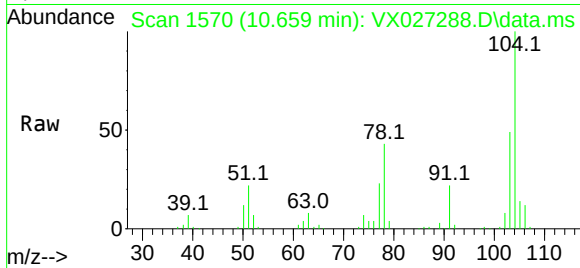
#69
Styrene
Concen: 18.068 ug/l
RT: 10.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 4354
Ion Ratio Lower Upper
104 100
78 49.2 39.7 59.5
103 54.7 42.7 64.1

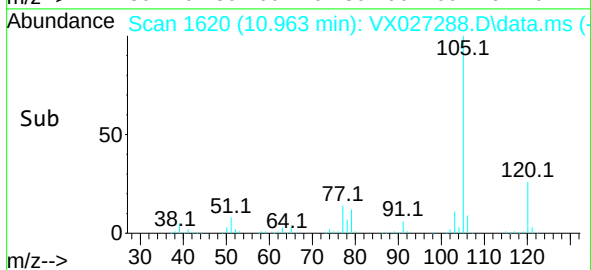
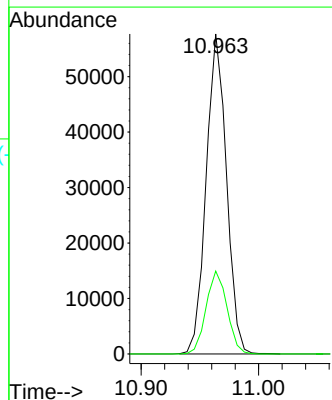
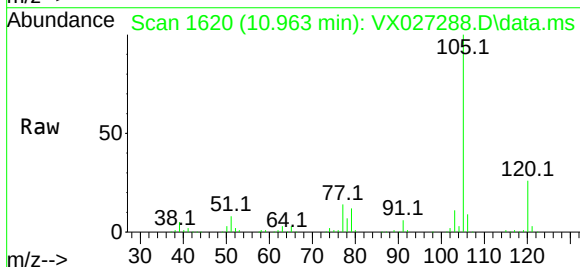
Manual Integrations
APPROVED

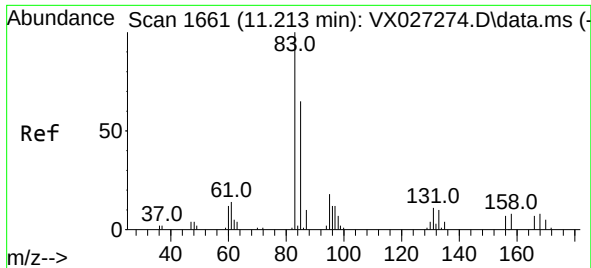
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#70
Isopropylbenzene
Concen: 18.154 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

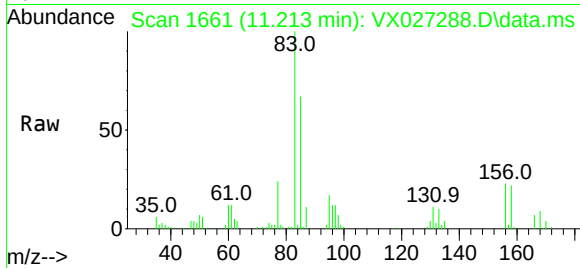
Tgt Ion:105 Resp: 69230
Ion Ratio Lower Upper
105 100
120 26.7 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 18.755 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

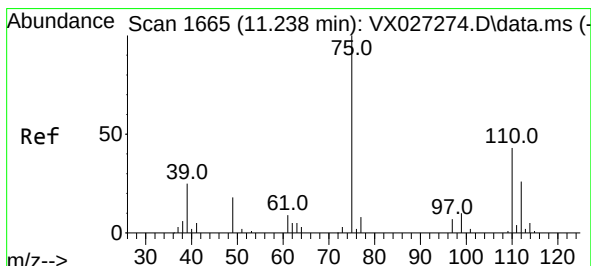
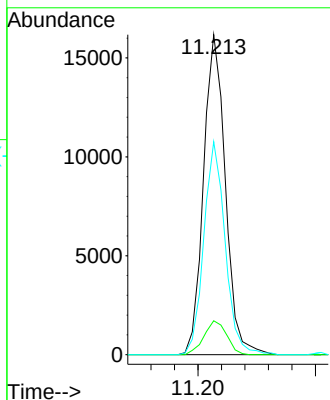
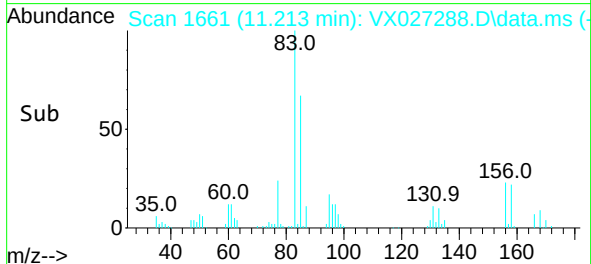
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



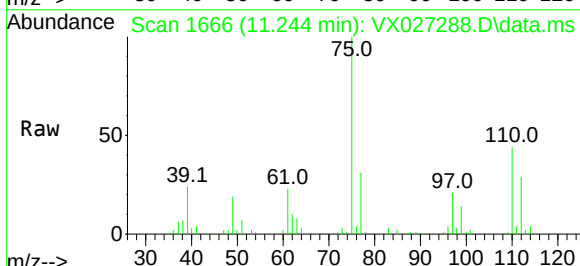
Tgt Ion: 83 Resp: 20908
Ion Ratio Lower Upper
83 100
131 11.0 5.8 17.3
85 65.1 32.0 96.2

Manual Integrations
APPROVED

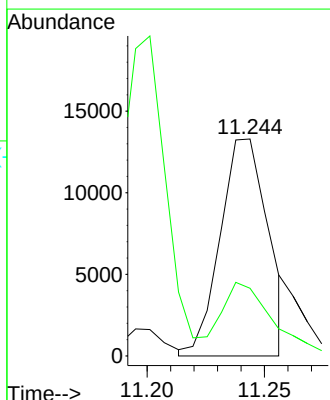
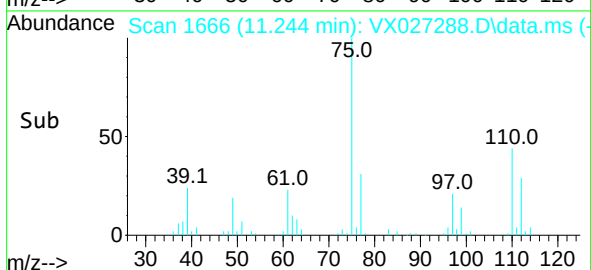
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

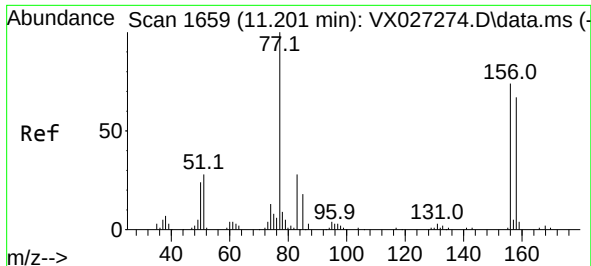


#72
1,2,3-Trichloropropane
Concen: 17.436 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



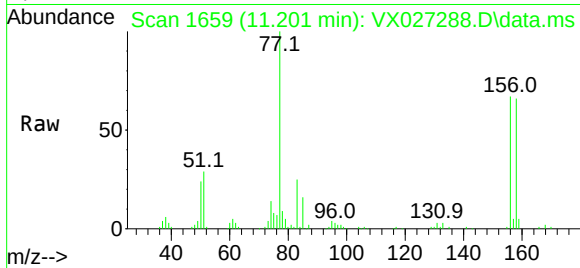
Tgt Ion: 75 Resp: 18877
Ion Ratio Lower Upper
75 100
77 37.9 0.0 78.6





#73
Bromobenzene
Concen: 18.144 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

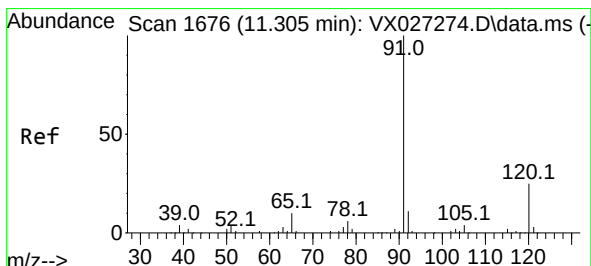
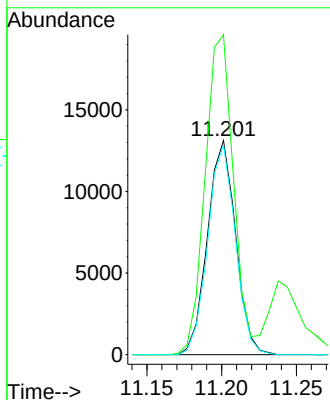
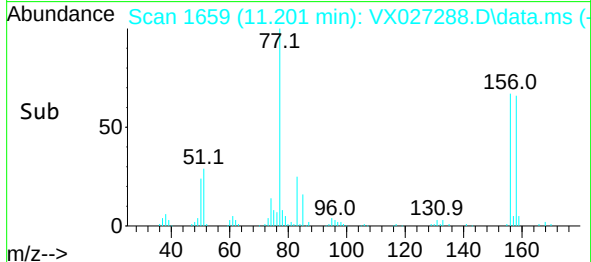
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



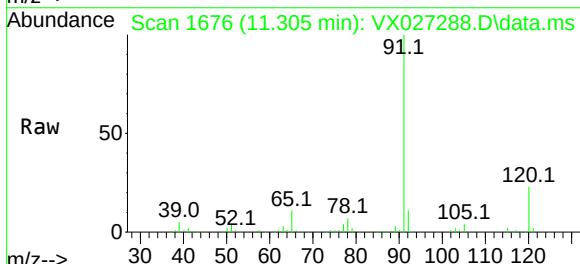
Tgt Ion:156 Resp: 17210
Ion Ratio Lower Upper
156 100
77 149.4 0.0 297.6
158 95.9 0.0 188.4

Manual Integrations
APPROVED

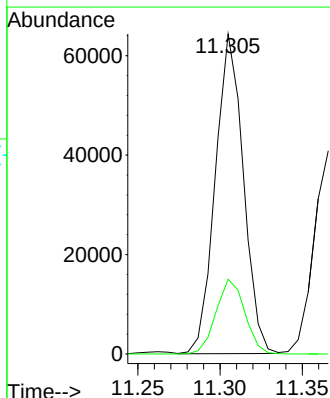
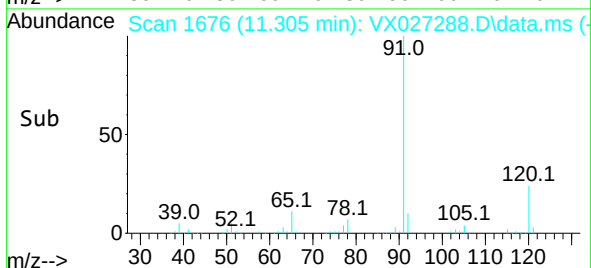
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

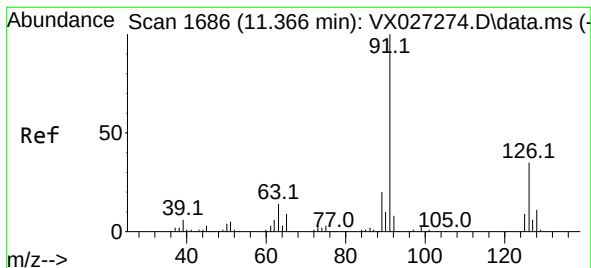


#74
n-propylbenzene
Concen: 17.563 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



Tgt Ion: 91 Resp: 76338
Ion Ratio Lower Upper
91 100
120 23.9 0.0 48.0





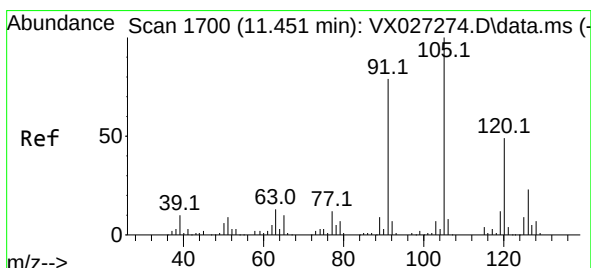
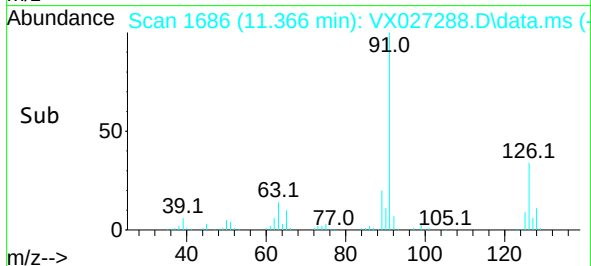
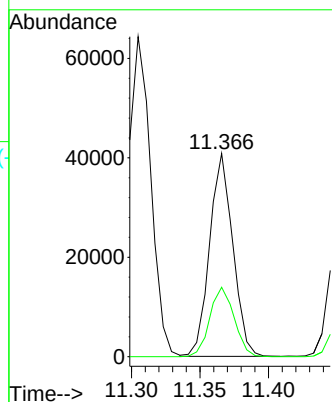
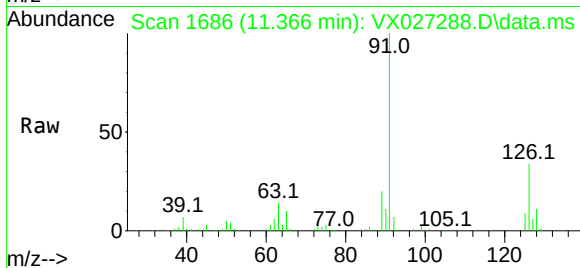
#75
2-Chlorotoluene
Concen: 18.275 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 4808
Ion Ratio Lower Upper
91 100
126 35.8 0.0 68.6

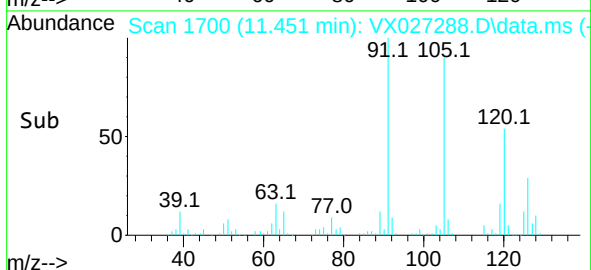
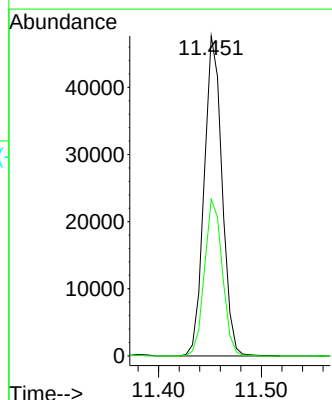
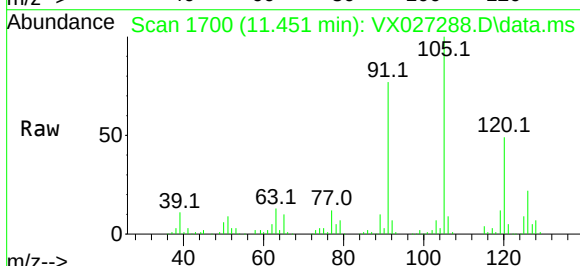
Manual Integrations
APPROVED

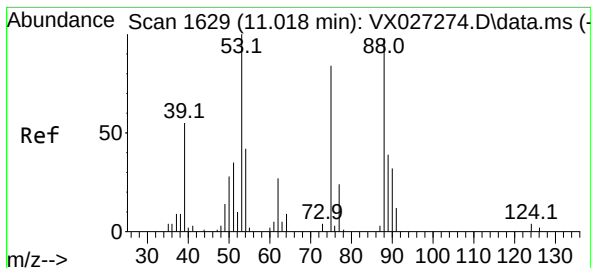
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#76
1,3,5-Trimethylbenzene
Concen: 18.074 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

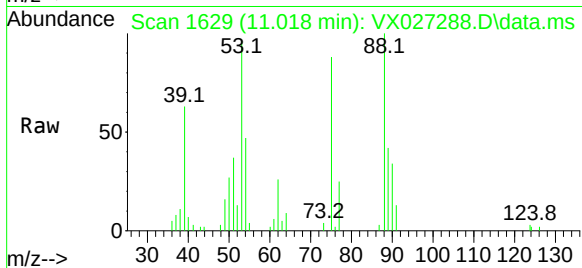
Tgt Ion:105 Resp: 57896
Ion Ratio Lower Upper
105 100
120 48.6 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 12.163 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

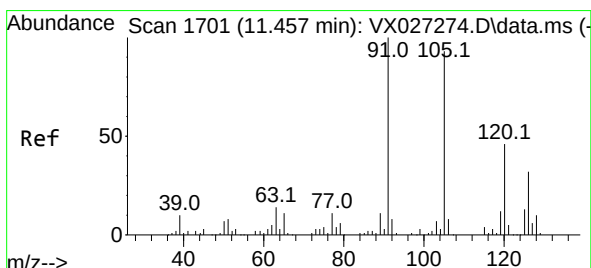
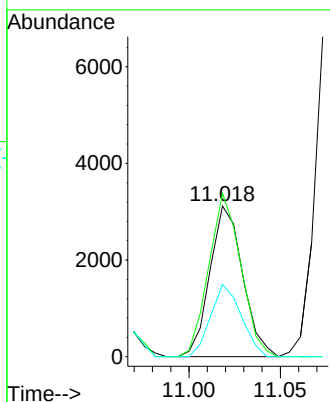
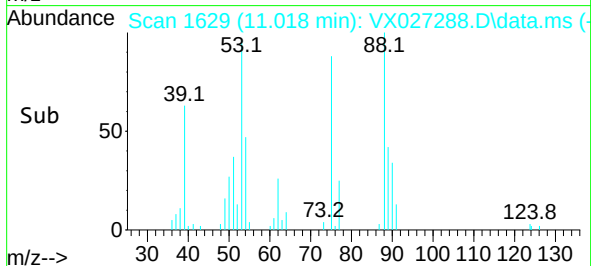
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 390
Ion Ratio Lower Upper
75 100
53 108.5 59.7 179.1
89 47.9 23.1 69.2

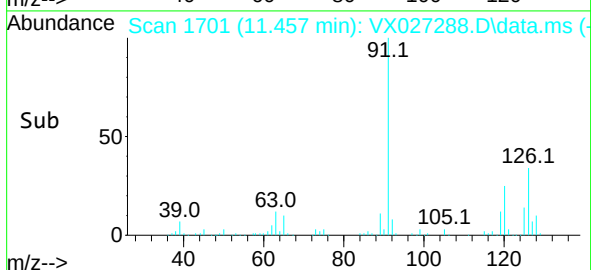
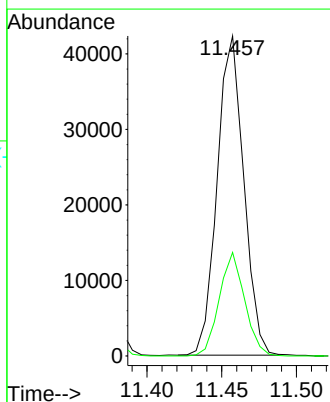
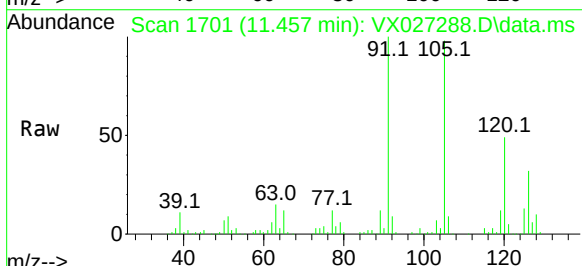
Manual Integrations
APPROVED

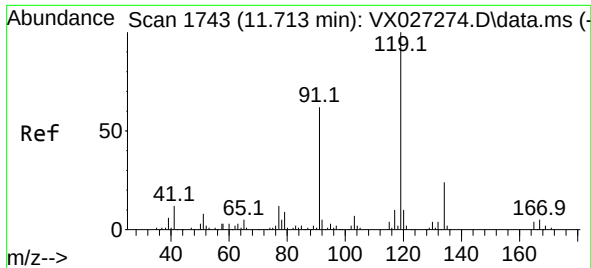
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#78
4-Chlorotoluene
Concen: 17.447 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

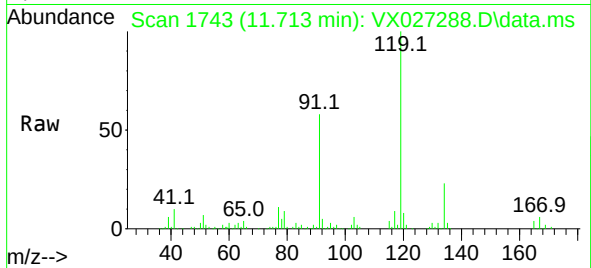
Tgt Ion: 91 Resp: 52263
Ion Ratio Lower Upper
91 100
126 31.0 0.0 59.8





#79
tert-butylbenzene
Concen: 19.324 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

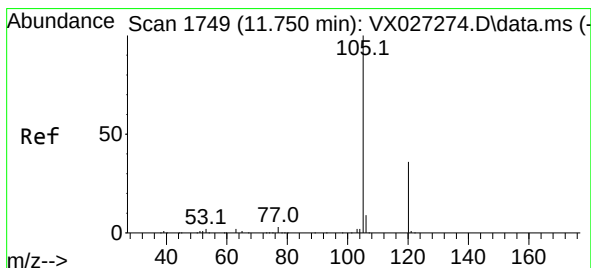
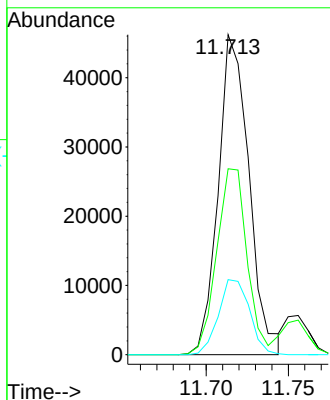
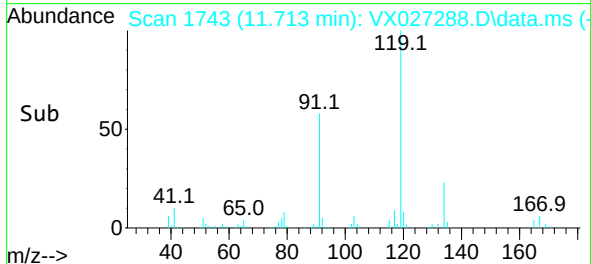
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



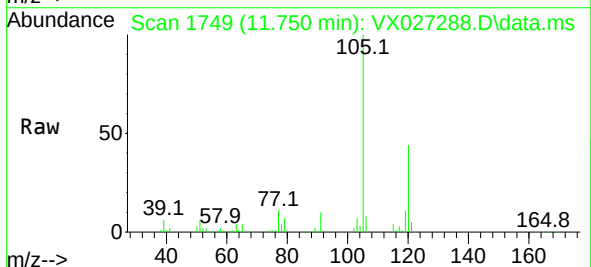
Tgt Ion:119 Resp: 60208
Ion Ratio Lower Upper
119 100
91 57.5 0.0 119.4
134 23.7 0.0 48.4

Manual Integrations
APPROVED

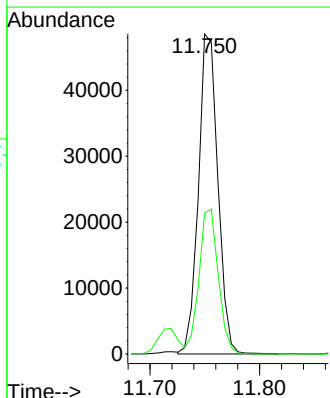
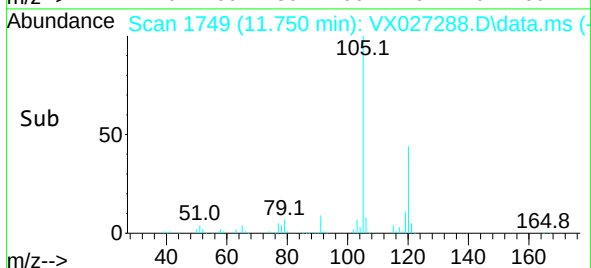
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

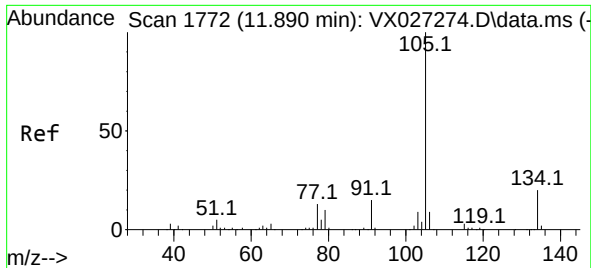


#80
1,2,4-Trimethylbenzene
Concen: 18.750 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



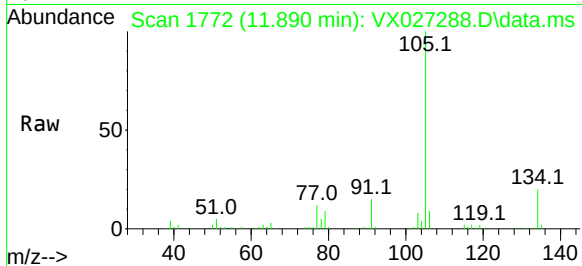
Tgt Ion:105 Resp: 59839
Ion Ratio Lower Upper
105 100
120 44.9 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 17.556 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX027288.D
 Acq: 03 Mar 2022 22:57

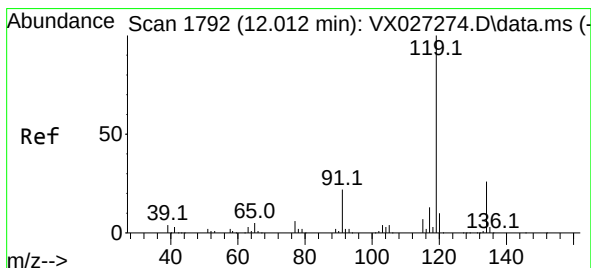
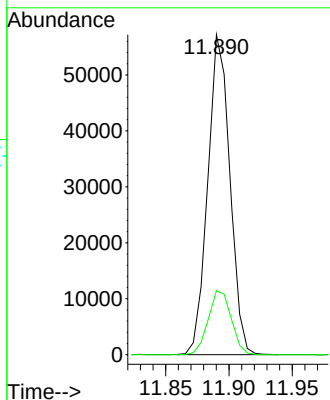
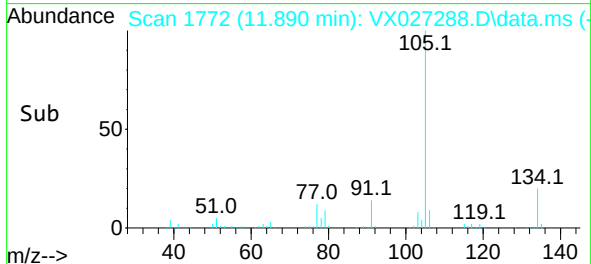
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



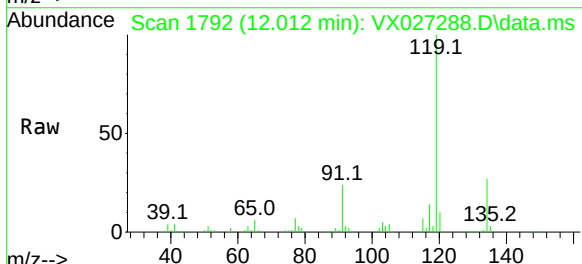
Tgt Ion:105 Resp: 6957
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 41.2

Manual Integrations
 APPROVED

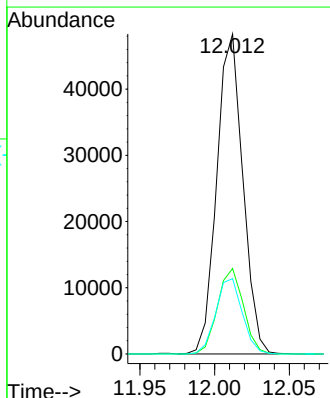
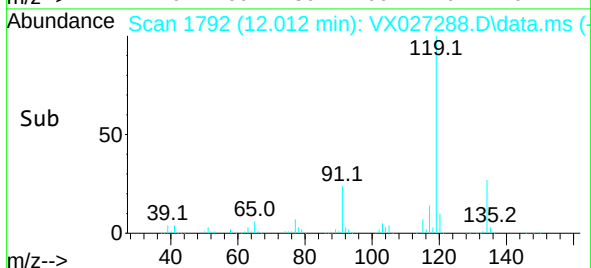
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022

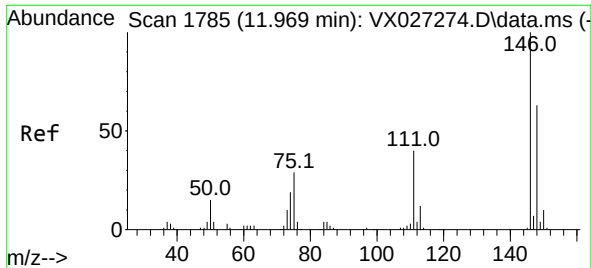


#82
 p-Isopropyltoluene
 Concen: 17.303 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX027288.D
 Acq: 03 Mar 2022 22:57



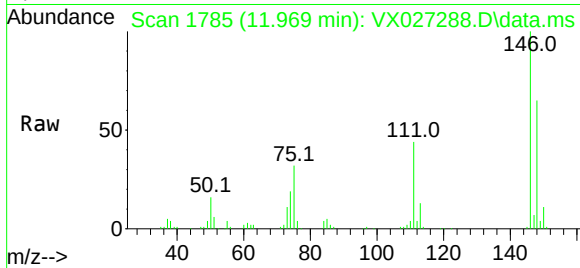
Tgt Ion:119 Resp: 58655
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.4
 91 23.9 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 17.575 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

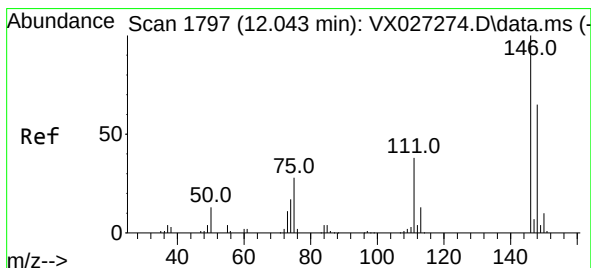
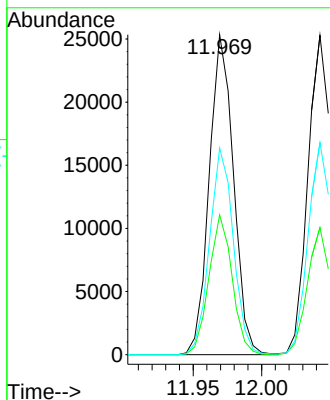
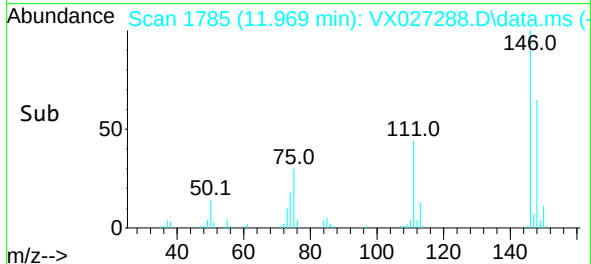
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



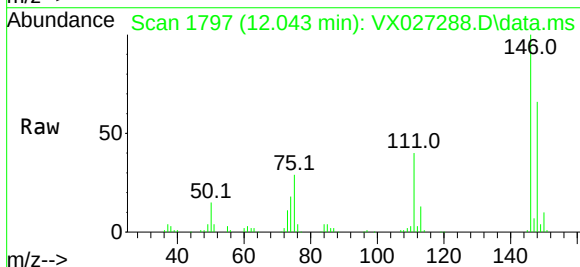
Tgt Ion:146 Resp: 31209
Ion Ratio Lower Upper
146 100
111 41.9 19.8 59.4
148 63.8 31.6 94.8

Manual Integrations
APPROVED

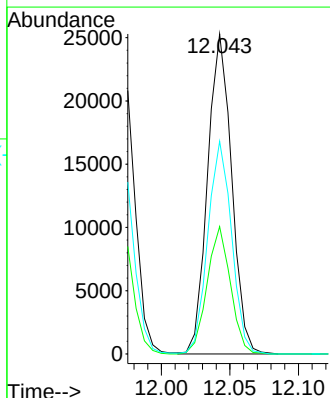
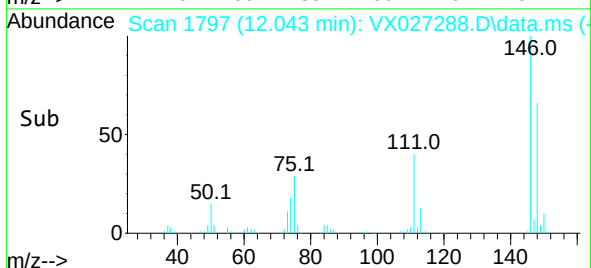
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

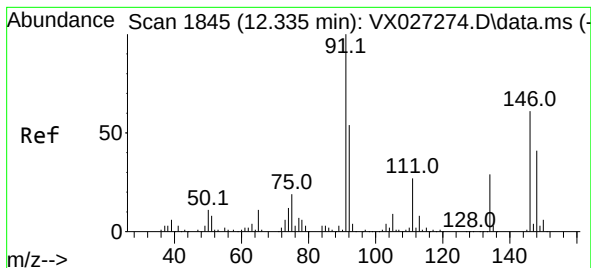


#84
1,4-Dichlorobenzene
Concen: 17.410 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



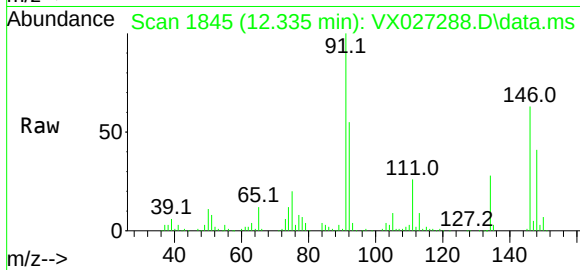
Tgt Ion:146 Resp: 30871
Ion Ratio Lower Upper
146 100
111 38.7 19.2 57.6
148 65.8 32.3 96.8





#85
n-Butylbenzene
Concen: 16.900 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

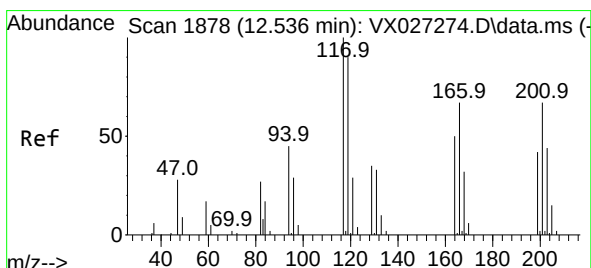
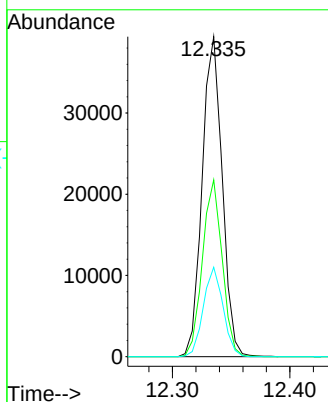
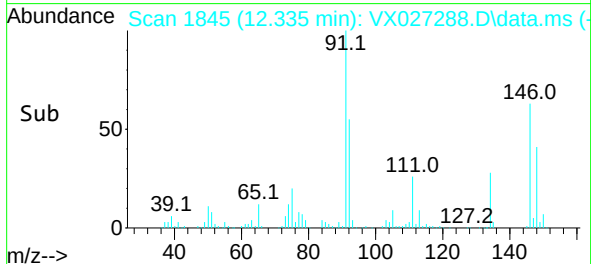
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



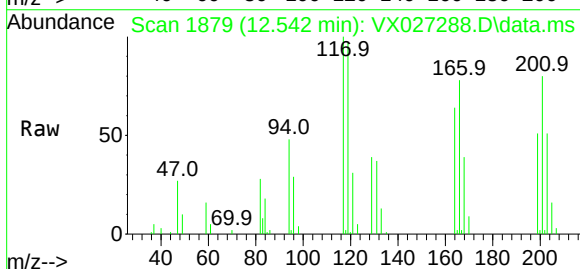
Tgt Ion: 91 Resp: 46728
Ion Ratio Lower Upper
91 100
92 54.3 0.0 109.4
134 27.5 0.0 56.4

Manual Integrations
APPROVED

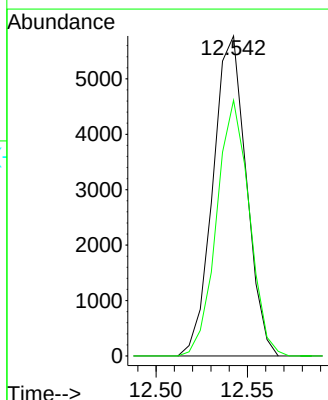
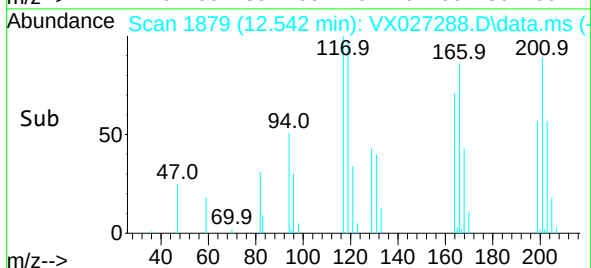
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

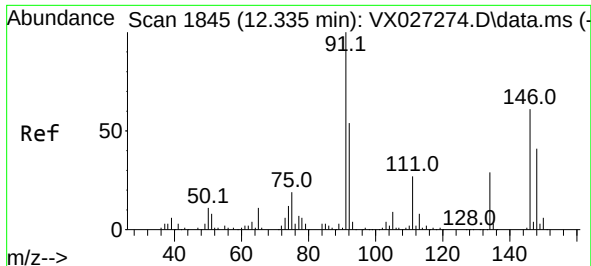


#86
Hexachloroethane
Concen: 13.912 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



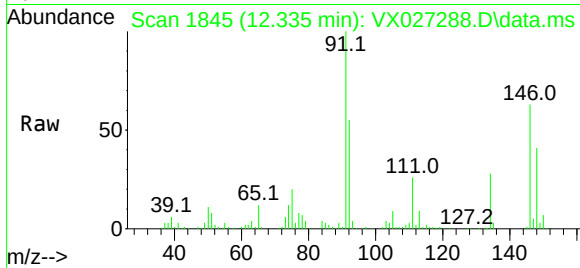
Tgt Ion:117 Resp: 7329
Ion Ratio Lower Upper
117 100
201 78.2 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 18.046 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

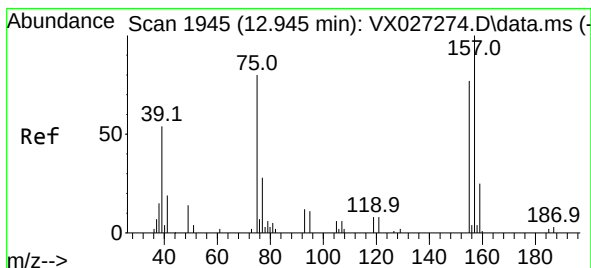
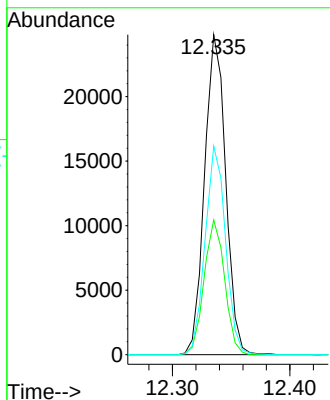
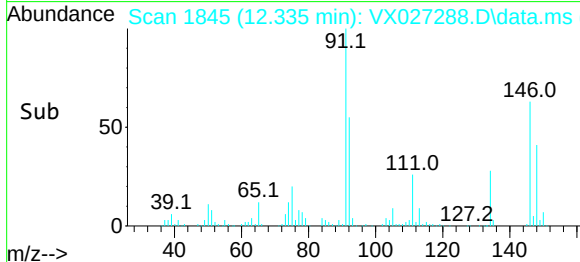
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



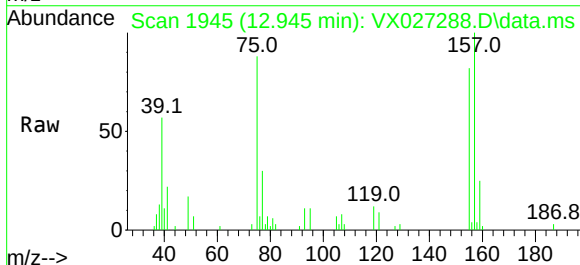
Tgt Ion:146 Resp: 30980
Ion Ratio Lower Upper
146 100
111 40.9 21.1 63.3
148 63.4 31.4 94.2

Manual Integrations
APPROVED

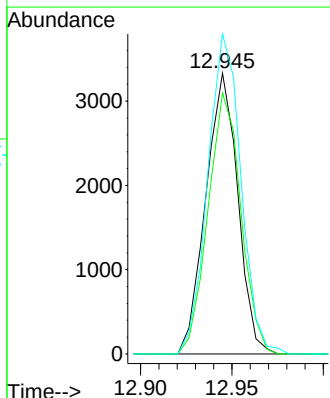
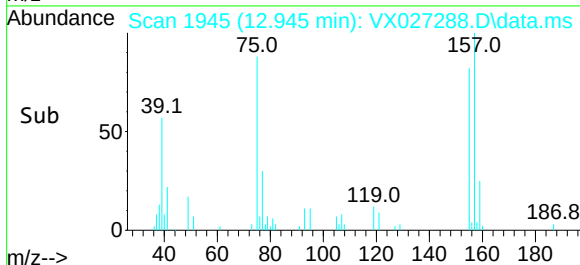
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

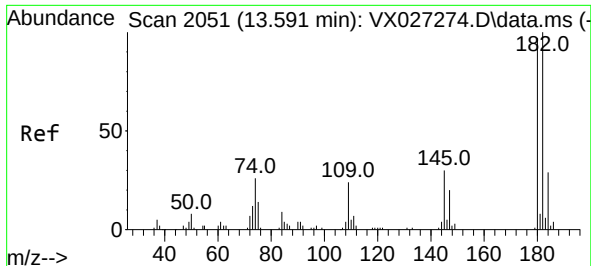


#88
1,2-Dibromo-3-Chloropropane
Concen: 15.363 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



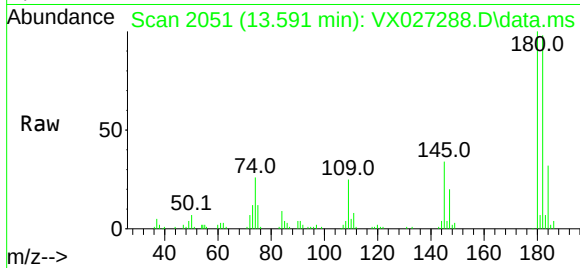
Tgt Ion: 75 Resp: 4057
Ion Ratio Lower Upper
75 100
155 95.3 74.3 111.5
157 118.2 97.3 145.9





#89
1,2,4-Trichlorobenzene
Concen: 17.236 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

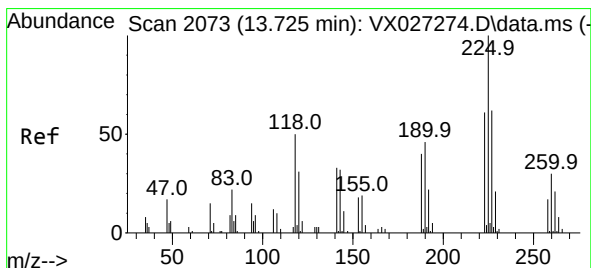
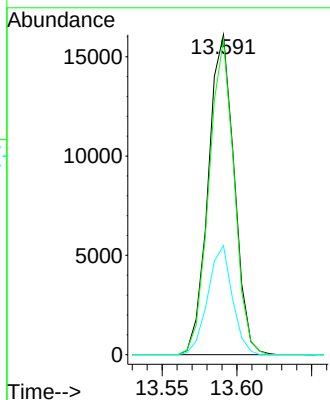
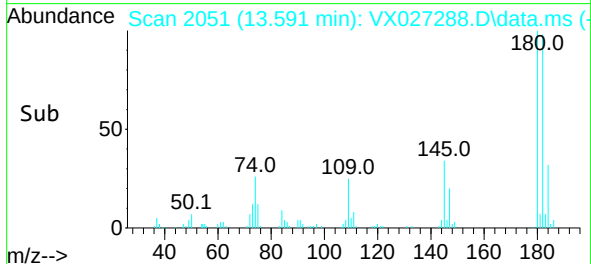
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



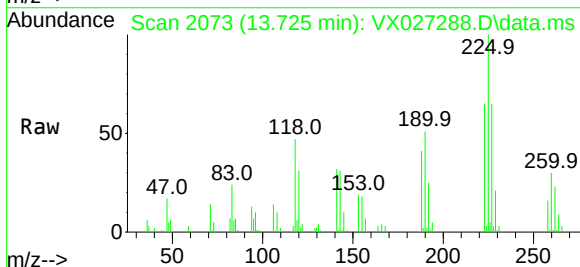
Tgt Ion:180 Resp: 19440
Ion Ratio Lower Upper
180 100
182 95.0 77.4 116.2
145 32.2 24.2 36.4

Manual Integrations
APPROVED

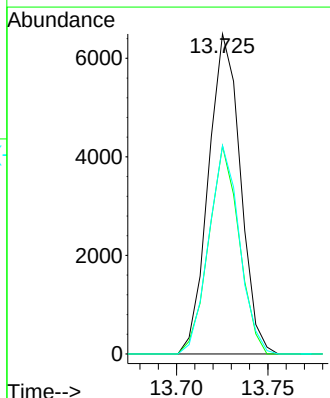
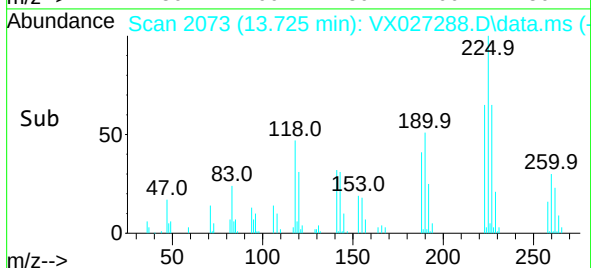
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

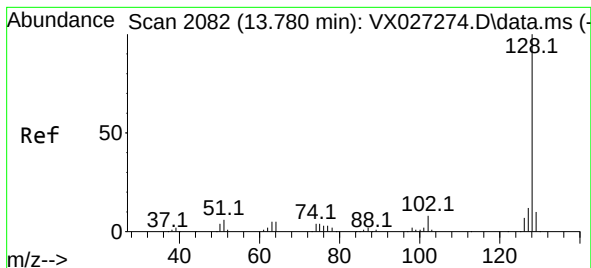


#90
Hexachlorobutadiene
Concen: 16.678 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



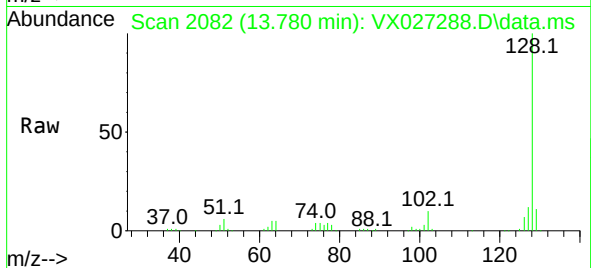
Tgt Ion:225 Resp: 7898
Ion Ratio Lower Upper
225 100
223 61.8 0.0 126.0
227 62.7 0.0 125.0





#91
Naphthalene
Concen: 17.941 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57

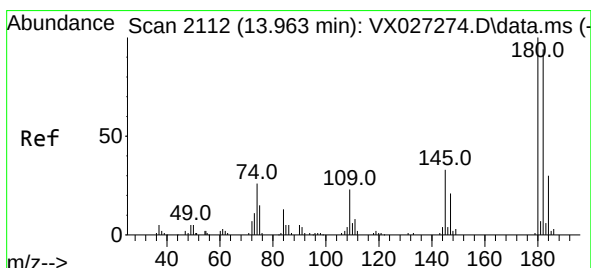
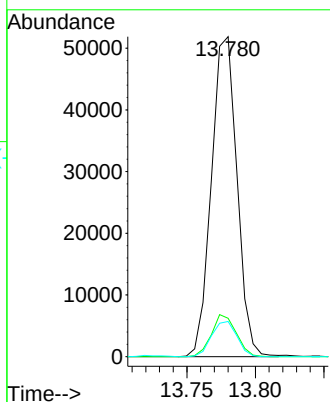
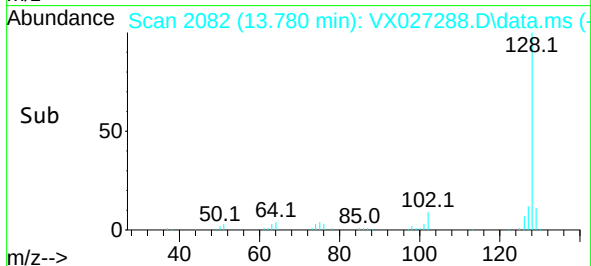
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



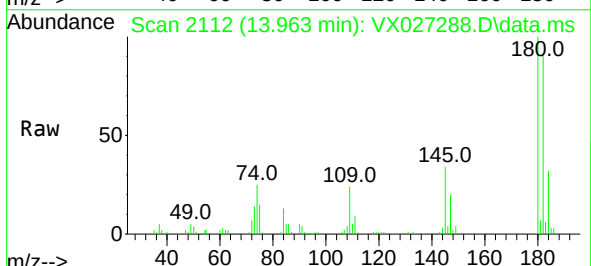
Tgt Ion:128 Resp: 67430
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.385 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027288.D
Acq: 03 Mar 2022 22:57



Tgt Ion:180 Resp: 19660
Ion Ratio Lower Upper
180 100
182 94.5 0.0 189.4
145 34.3 0.0 67.2

