

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071322\
 Data File : VX030032.D
 Acq On : 13 Jul 2022 09:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/14/2022
 Supervised By : Mahesh Dadoda 07/14/2022

Quant Time: Jul 14 04:53:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	216074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	363289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113716	43.238	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.480%		
35) Dibromofluoromethane	5.385	113	105487	45.452	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.900%		
50) Toluene-d8	8.647	98	403487	46.226	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.460%		
62) 4-Bromofluorobenzene	11.079	95	143599	47.407	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	129619	52.871	ug/l	99
3) Chloromethane	1.288	50	119287	52.979	ug/l	100
4) Vinyl Chloride	1.374	62	131367	52.528	ug/l	97
5) Bromomethane	1.611	94	56362	53.053	ug/l	98
6) Chloroethane	1.685	64	70504	50.062	ug/l	98
7) Trichlorofluoromethane	1.886	101	168579	52.195	ug/l	98
8) Diethyl Ether	2.136	74	65328	48.892	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	114790	52.061	ug/l	98
10) Methyl Iodide	2.453	142	97229	45.159	ug/l	99
11) Tert butyl alcohol	2.983	59	148044	218.104	ug/l	99
12) 1,1-Dichloroethene	2.319	96	114322	51.930	ug/l	95
13) Acrolein	2.239	56	26944	199.307	ug/l	99
14) Allyl chloride	2.666	41	196920	51.186	ug/l	98
15) Acrylonitrile	3.068	53	383279	248.454	ug/l	100
16) Acetone	2.386	43	298424	240.805	ug/l	98
17) Carbon Disulfide	2.508	76	314059	50.988	ug/l	97
18) Methyl Acetate	2.709	43	176981	46.943	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	356764	51.269	ug/l	95
20) Methylene Chloride	2.788	84	129112	51.591	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	121619	53.001	ug/l	97
22) Diisopropyl ether	3.763	45	383136	50.878	ug/l	90
23) Vinyl Acetate	3.721	43	1699190	266.542	ug/l	100
24) 1,1-Dichloroethane	3.611	63	206252	49.427	ug/l	99
25) 2-Butanone	4.562	43	528871	250.527	ug/l	100
26) 2,2-Dichloropropane	4.477	77	156787	53.487	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	140644	50.051	ug/l	98
28) Bromochloromethane	4.903	49	86546	49.299	ug/l	92
29) Tetrahydrofuran	5.007	42	354739	247.610	ug/l	99
30) Chloroform	5.092	83	209045	50.269	ug/l	100
31) Cyclohexane	5.470	56	201555	52.865	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	172156	50.652	ug/l	99
36) 1,1-Dichloropropene	5.690	75	156562	52.226	ug/l	99
37) Ethyl Acetate	4.714	43	196053	50.896	ug/l	99
38) Carbon Tetrachloride	5.678	117	148043	52.957	ug/l	97
39) Methylcyclohexane	7.379	83	212262	55.855	ug/l	96
40) Benzene	6.037	78	503736	53.388	ug/l	98

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	105368	50.802	ug/l	97
42) 1,2-Dichloroethane	6.086	62	152078	52.007	ug/l	100
43) Isopropyl Acetate	6.342	43	297025	51.278	ug/l	99
44) Trichloroethene	7.129	130	139132	50.462	ug/l	98
45) 1,2-Dichloropropane	7.433	63	127666	52.055	ug/l	100
46) Dibromomethane	7.580	93	86622	51.317	ug/l	96
47) Bromodichloromethane	7.824	83	160181	52.297	ug/l	98
48) Methyl methacrylate	7.696	41	144877	54.207	ug/l	99
49) 1,4-Dioxane	7.677	88	70305	1012.486	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	990701	258.464	ug/l	100
52) Toluene	8.720	92	310319	51.793	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	174303	54.786	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	197970	54.316	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	127451	51.583	ug/l	96
56) Ethyl methacrylate	9.116	69	201637	54.279	ug/l	99
57) 1,3-Dichloropropane	9.311	76	206617	52.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	541532	268.461	ug/l	99
59) 2-Hexanone	9.433	43	786732	267.651	ug/l	100
60) Dibromochloromethane	9.525	129	127040	52.777	ug/l	99
61) 1,2-Dibromoethane	9.610	107	134825	52.430	ug/l	98
64) Tetrachloroethene	9.275	164	134113	51.821	ug/l	99
65) Chlorobenzene	10.079	112	328446	51.161	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	113585	51.898	ug/l	98
67) Ethyl Benzene	10.195	91	588609	54.096	ug/l	99
68) m/p-Xylenes	10.305	106	460562	107.921	ug/l	99
69) o-Xylene	10.640	106	223204	52.235	ug/l	99
70) Styrene	10.659	104	374026	52.737	ug/l	100
71) Bromoform	10.799	173	91468	52.018	ug/l	99
73) Isopropylbenzene	10.963	105	572047	51.894	ug/l	99
74) N-amyl acetate	10.841	43	256374	52.953	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	196430	49.392	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	162363m	44.606	ug/l	
77) Bromobenzene	11.201	156	137624	49.899	ug/l	97
78) n-propylbenzene	11.305	91	700024	53.529	ug/l	100
79) 2-Chlorotoluene	11.366	91	400728	51.159	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	483001	52.000	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	66585	52.793	ug/l	99
82) 4-Chlorotoluene	11.457	91	456569	52.024	ug/l	100
83) tert-Butylbenzene	11.713	119	461748	51.838	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	486725	52.977	ug/l	100
85) sec-Butylbenzene	11.890	105	623467	52.944	ug/l	100
86) p-Isopropyltoluene	12.012	119	506886	53.654	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	264280	51.860	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	262828	50.258	ug/l	99
89) n-Butylbenzene	12.335	91	479809	56.685	ug/l	99
90) Hexachloroethane	12.542	117	86244	53.402	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	252279	48.728	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45017	49.574	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	164205	51.637	ug/l	99
94) Hexachlorobutadiene	13.725	225	64827	51.061	ug/l	98
95) Naphthalene	13.780	128	626793	49.657	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	163998	50.685	ug/l	99

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

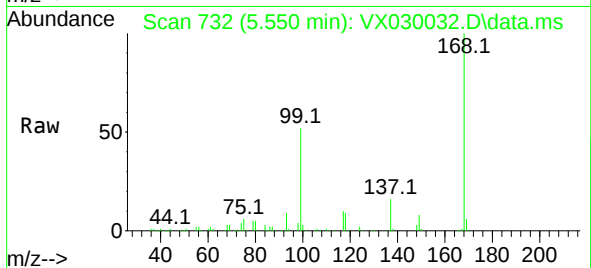
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

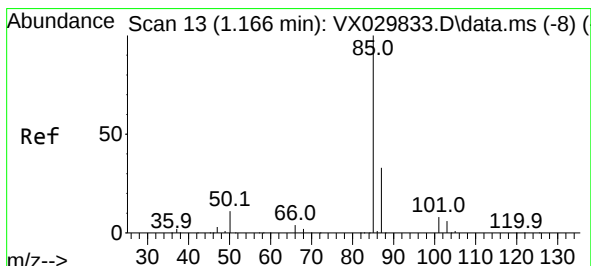
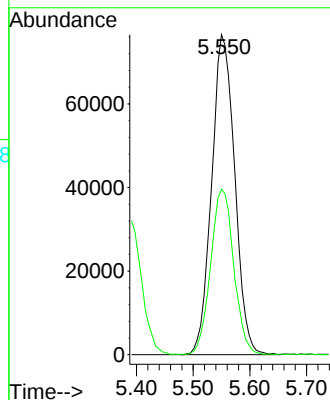
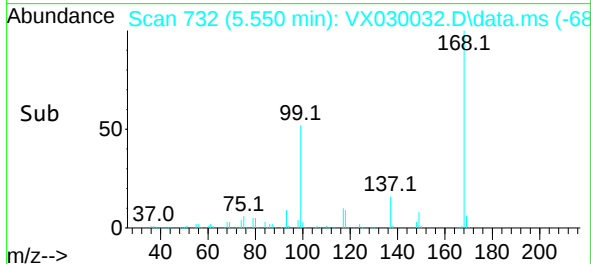
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



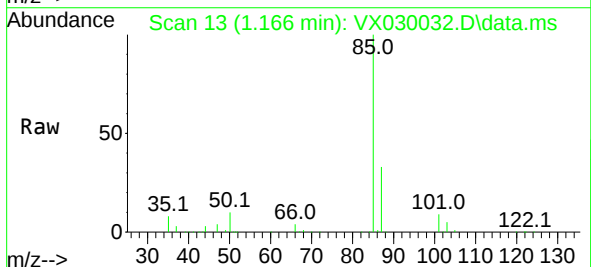
Tgt Ion:168 Resp: 216074
Ion Ratio Lower Upper
168 100
99 51.6 44.0 66.0

Manual Integrations
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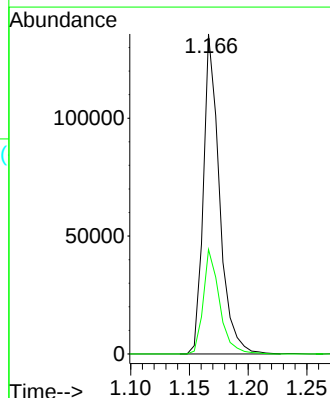
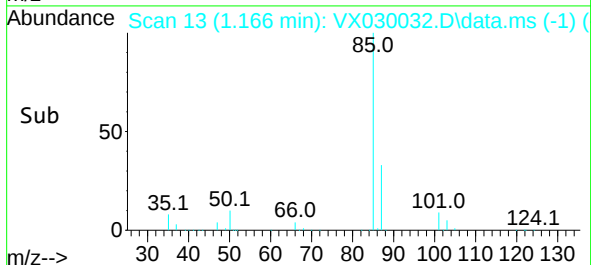
Reviewed By :John Carlone 07/14/2022
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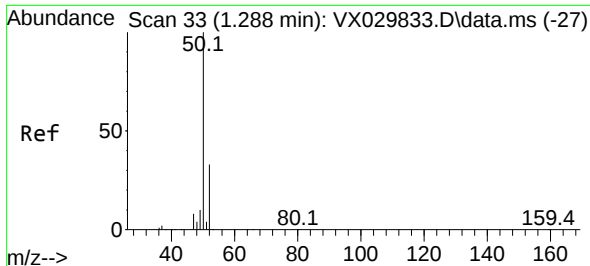


#2
Dichlorodifluoromethane
Concen: 52.871 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



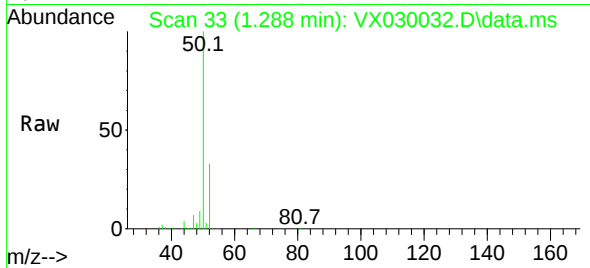
Tgt Ion: 85 Resp: 129619
Ion Ratio Lower Upper
85 100
87 32.6 16.5 49.5





#3
Chloromethane
Concen: 52.979 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

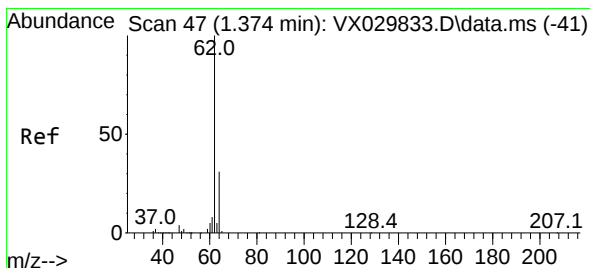
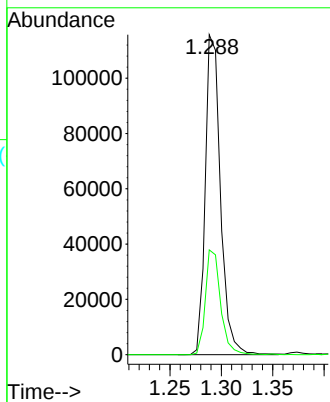
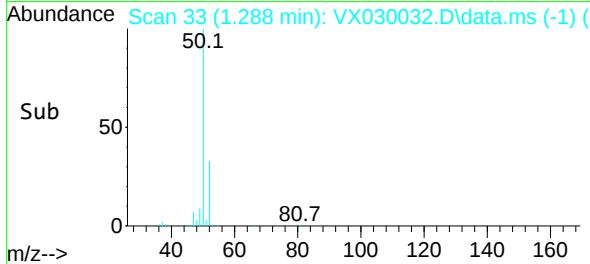
Instrument :
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Tgt Ion: 50 Resp: 11928
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5

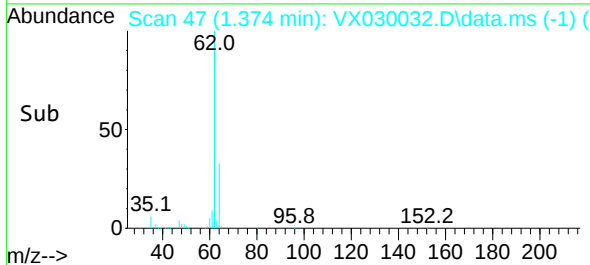
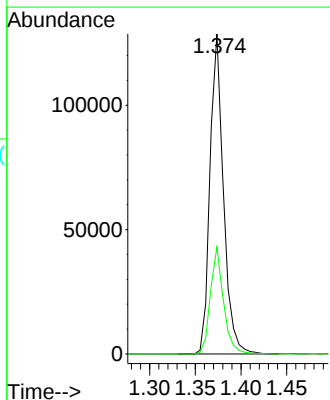
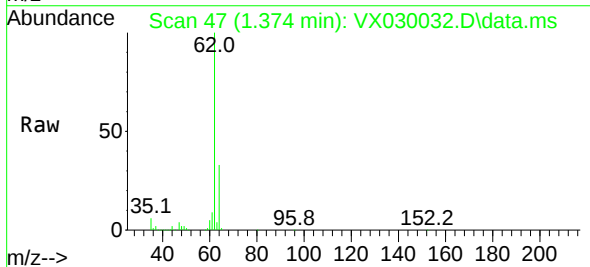
Manual Integrations
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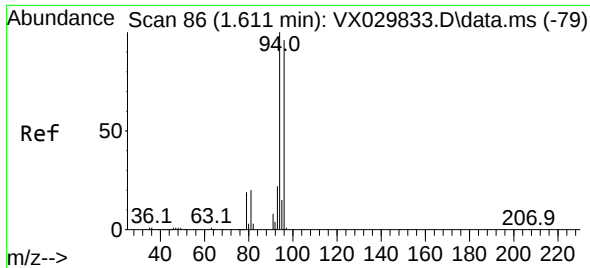
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#4
Vinyl Chloride
Concen: 52.528 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

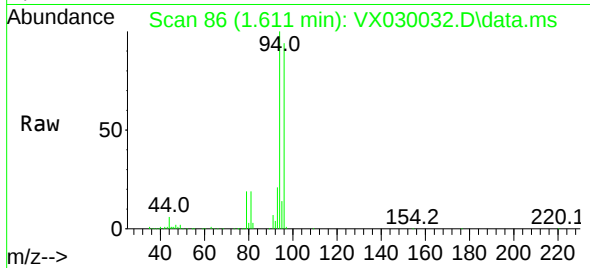
Tgt Ion: 62 Resp: 131367
Ion Ratio Lower Upper
62 100
64 33.4 25.2 37.8





#5
Bromomethane
Concen: 53.053 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

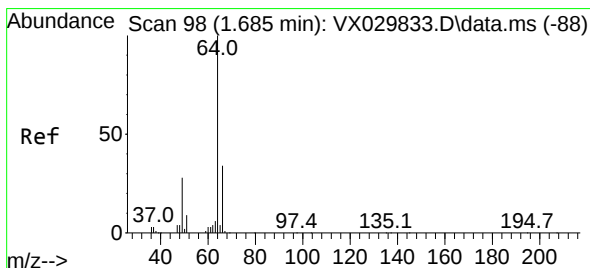
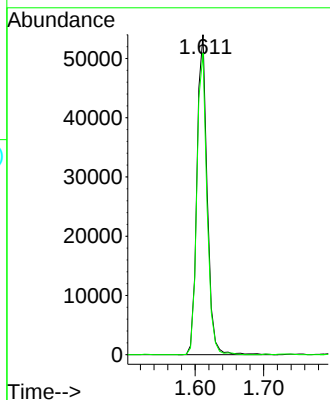
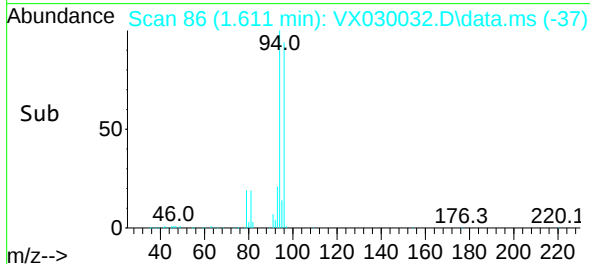
Instrument :
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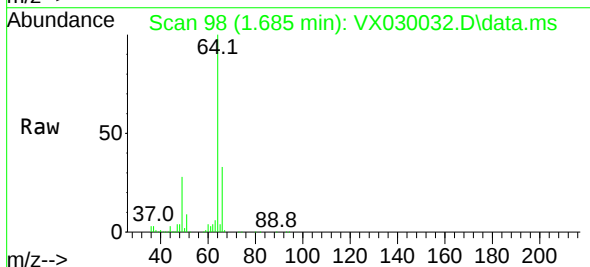
Tgt Ion: 94 Resp: 5636
Ion Ratio Lower Upper
94 100
96 94.2 76.9 115.3

Manual Integrations
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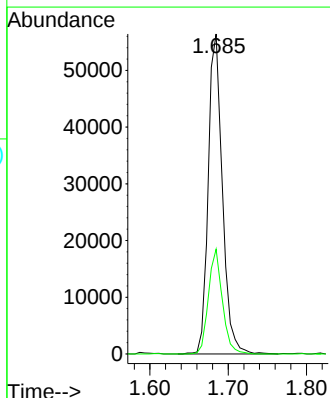
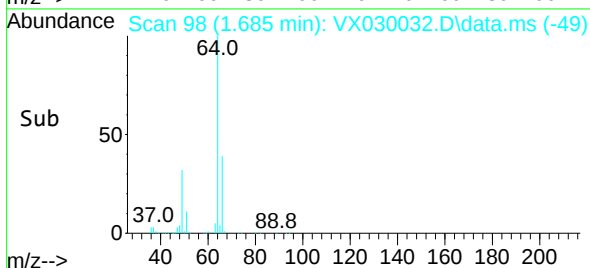
Reviewed By :John Carlone 07/14/2022
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#6
Chloroethane
Concen: 50.062 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



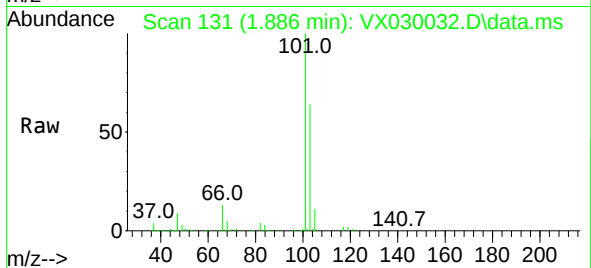
Tgt Ion: 64 Resp: 70504
Ion Ratio Lower Upper
64 100
66 32.8 27.2 40.8





#7
 Trichlorofluoromethane
 Concen: 52.195 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030032.D
 Acq: 13 Jul 2022 09:50

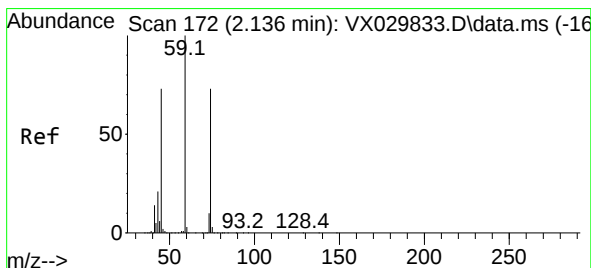
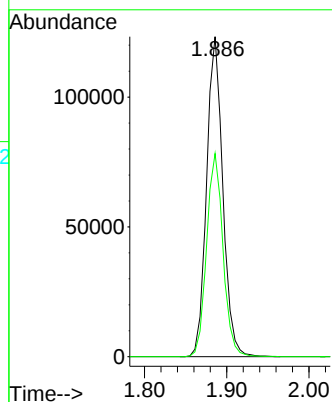
Instrument :
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Tgt Ion:101 Resp: 168579
 Ion Ratio Lower Upper
 101 100
 103 63.5 49.7 74.5

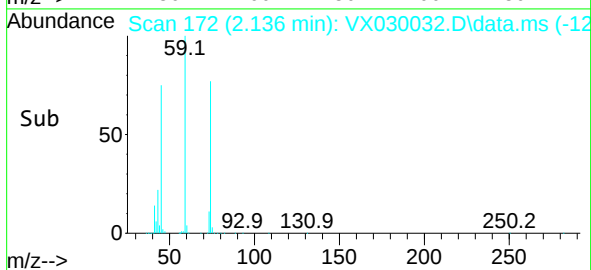
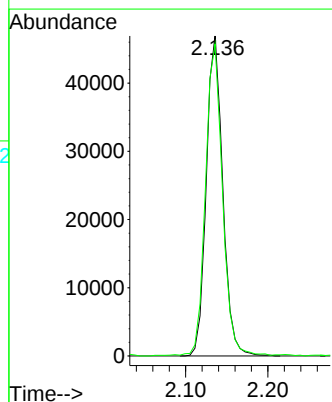
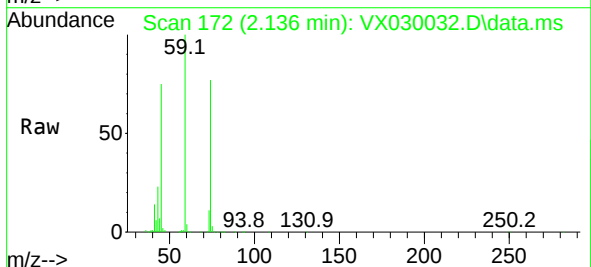
Manual Integrations
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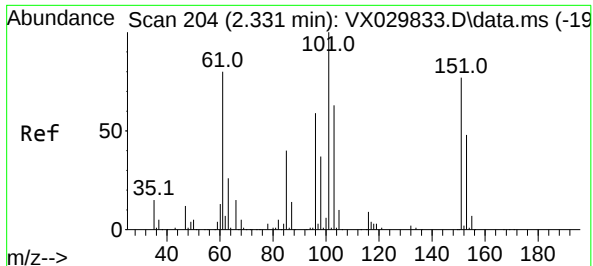
Reviewed By :John Carlone 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022



#8
 Diethyl Ether
 Concen: 48.892 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX030032.D
 Acq: 13 Jul 2022 09:50

Tgt Ion: 74 Resp: 65328
 Ion Ratio Lower Upper
 74 100
 45 101.3 51.5 154.7





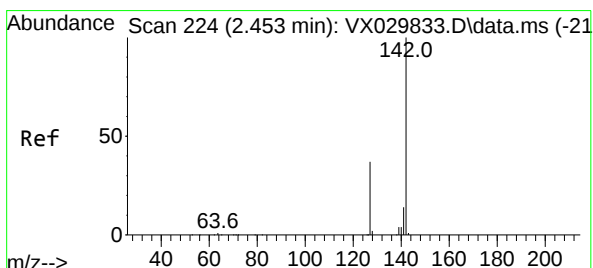
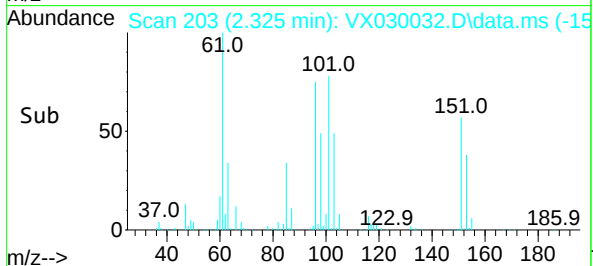
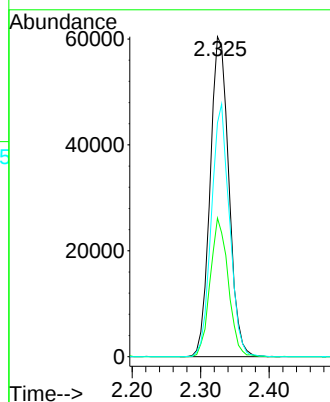
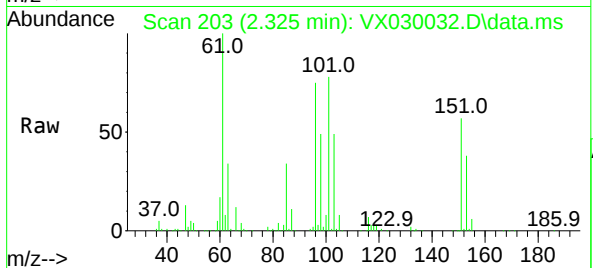
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.061 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

Instrument :
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Tgt Ion:101 Resp: 114790
Ion Ratio Lower Upper
101 100
85 41.7 34.0 51.0
151 76.1 59.4 89.0

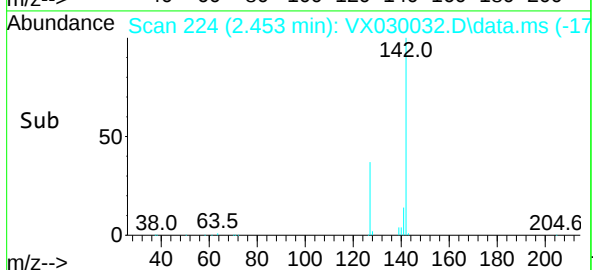
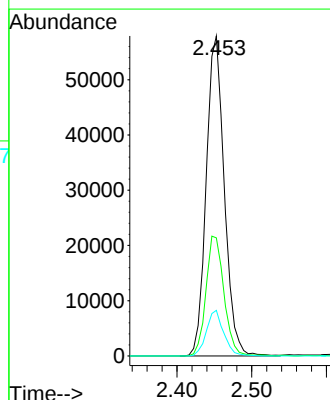
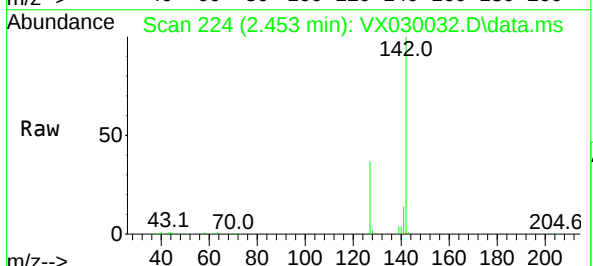
Manual Integrations
APPROVED

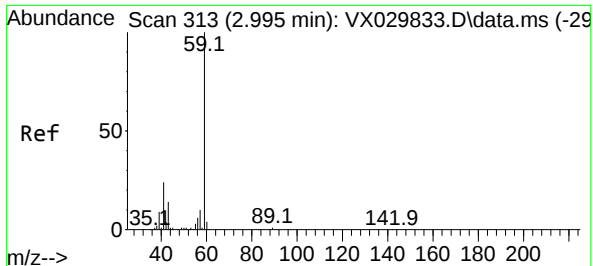
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#10
Methyl Iodide
Concen: 45.159 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

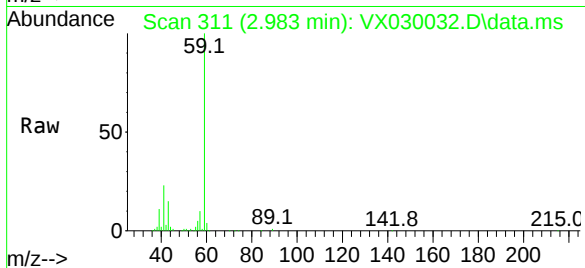
Tgt Ion:142 Resp: 97229
Ion Ratio Lower Upper
142 100
127 37.4 30.2 45.2
141 13.6 11.3 16.9





#11
Tert butyl alcohol
Concen: 218.104 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

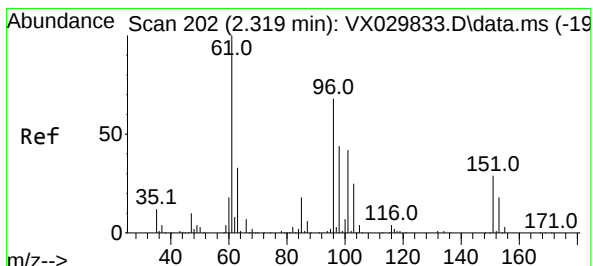
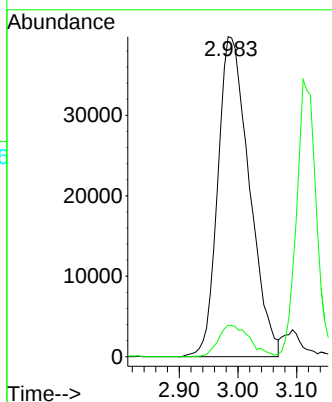
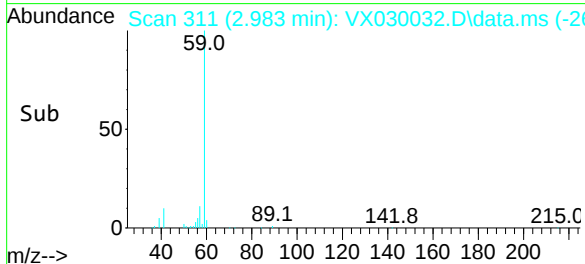
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



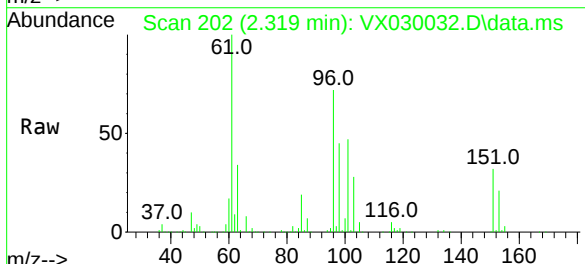
Tgt Ion: 59 Resp: 148044
Ion Ratio Lower Upper
59 100
57 9.8 7.4 11.2

Manual Integrations
APPROVED

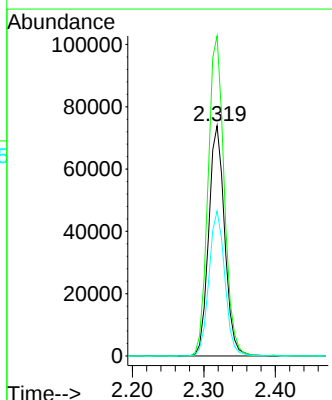
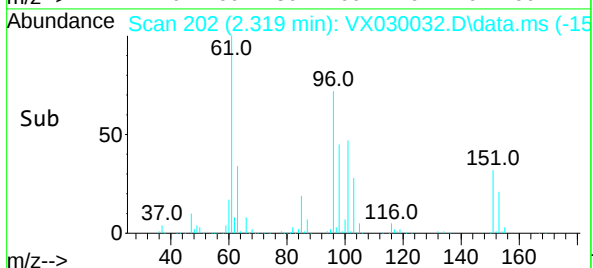
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

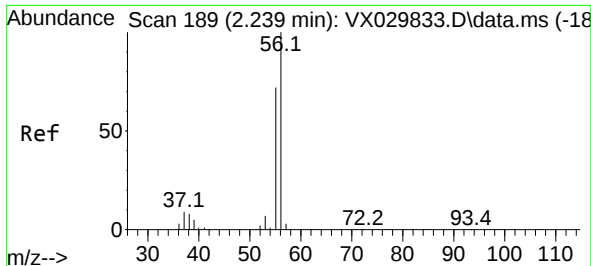


#12
1,1-Dichloroethene
Concen: 51.930 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



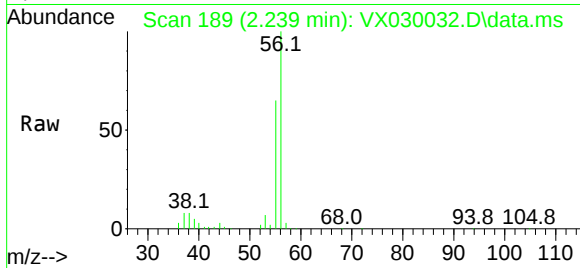
Tgt Ion: 96 Resp: 114322
Ion Ratio Lower Upper
96 100
61 139.0 117.4 176.0
98 63.0 52.2 78.4





#13
Acrolein
Concen: 199.307 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

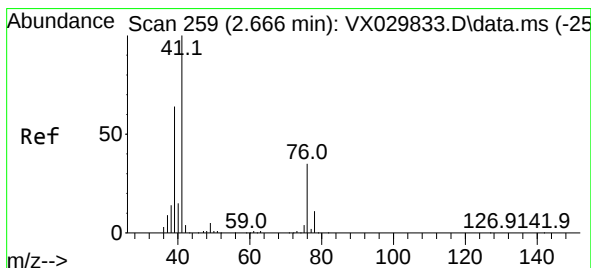
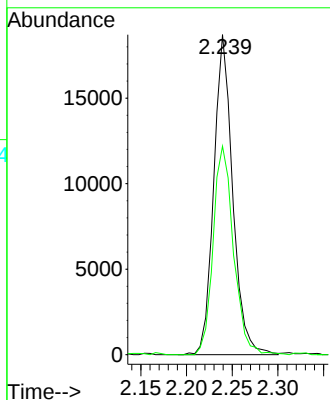
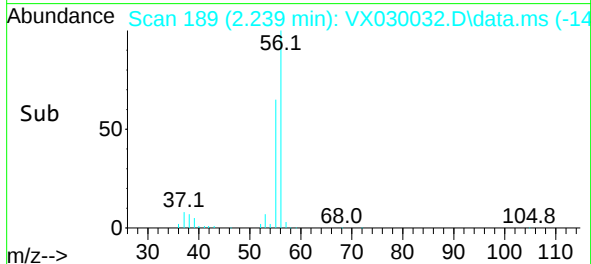
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



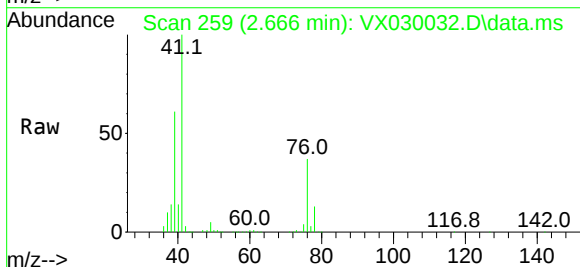
Tgt Ion: 56 Resp: 26944
Ion Ratio Lower Upper
56 100
55 70.0 56.6 84.8

Manual Integrations
APPROVED

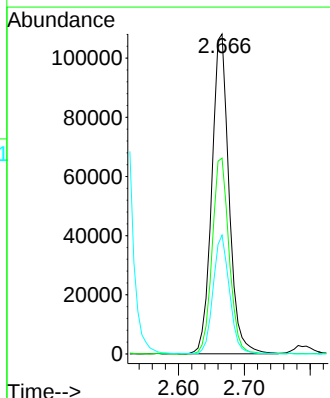
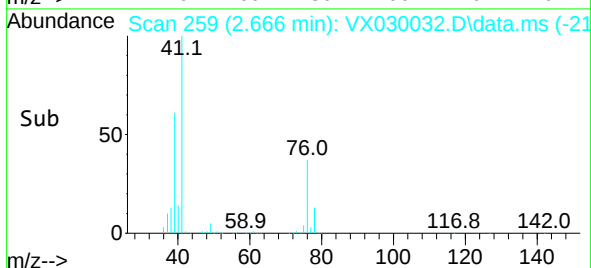
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

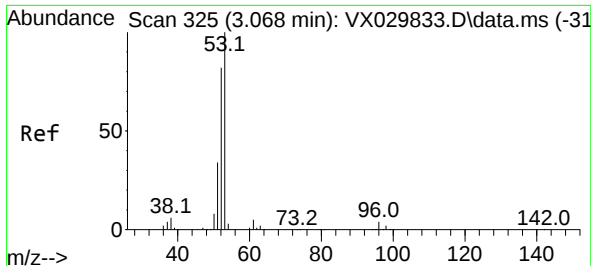


#14
Allyl chloride
Concen: 51.186 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



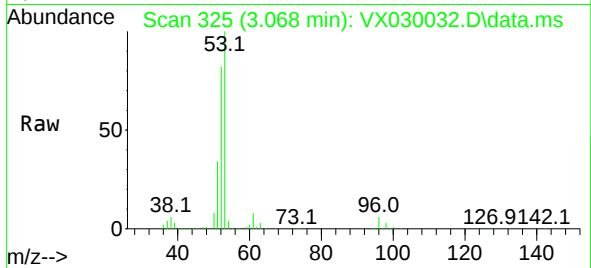
Tgt Ion: 41 Resp: 196920
Ion Ratio Lower Upper
41 100
39 60.2 48.9 73.3
76 35.3 26.9 40.3





#15
Acrylonitrile
Concen: 248.454 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

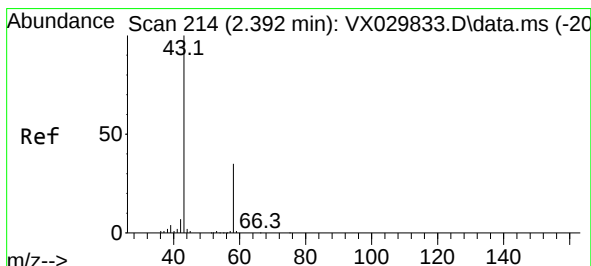
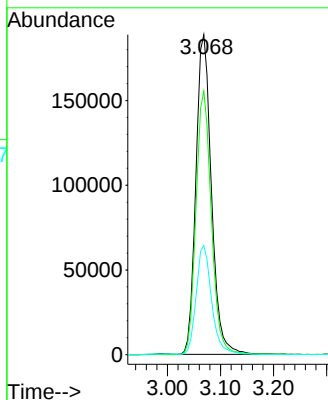
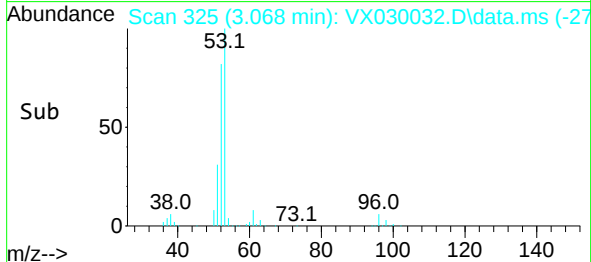
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



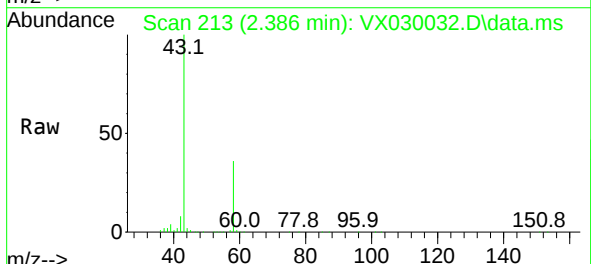
Tgt Ion: 53 Resp: 383279
Ion Ratio Lower Upper
53 100
52 81.6 65.4 98.0
51 34.0 27.7 41.5

Manual Integrations
APPROVED

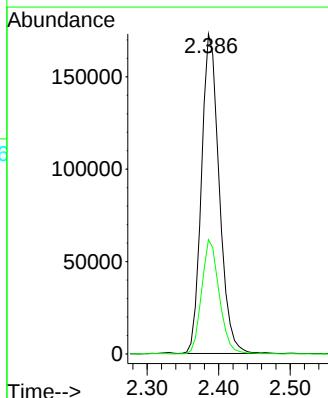
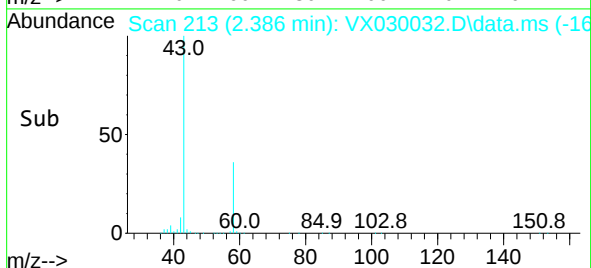
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

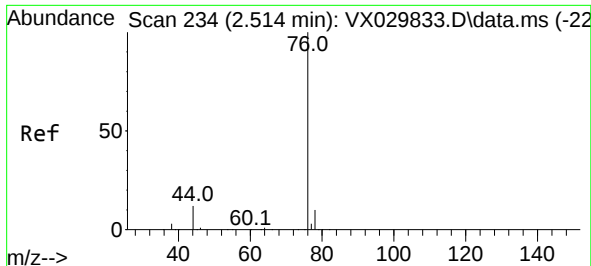


#16
Acetone
Concen: 240.805 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



Tgt Ion: 43 Resp: 298424
Ion Ratio Lower Upper
43 100
58 35.7 27.7 41.5





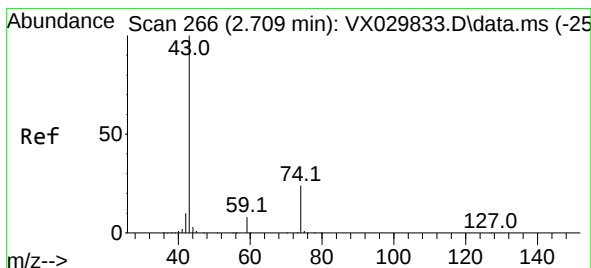
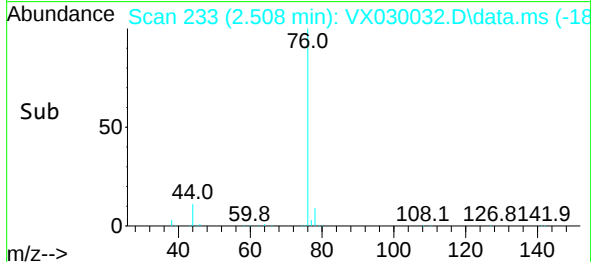
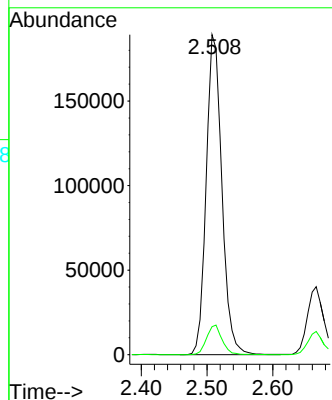
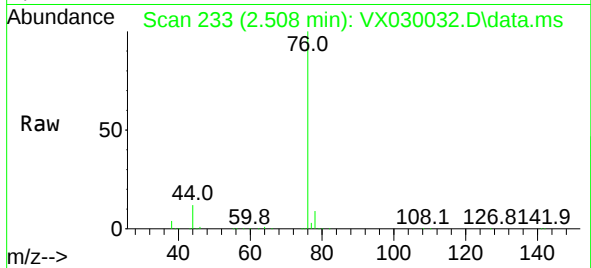
#17
Carbon Disulfide
Concen: 50.988 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 314059
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.6

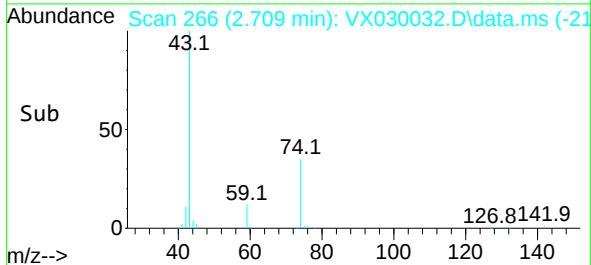
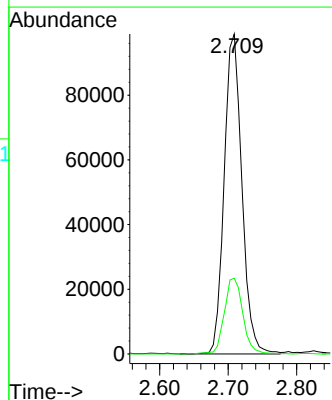
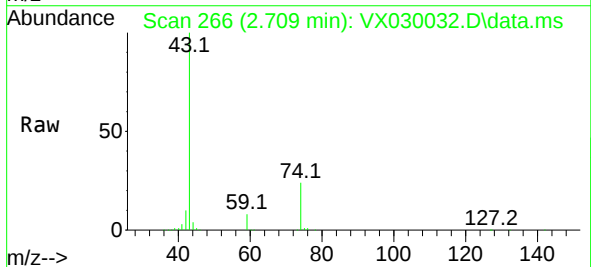
Manual Integrations
APPROVED

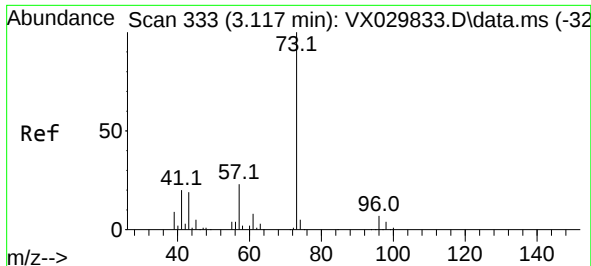
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#18
Methyl Acetate
Concen: 46.943 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

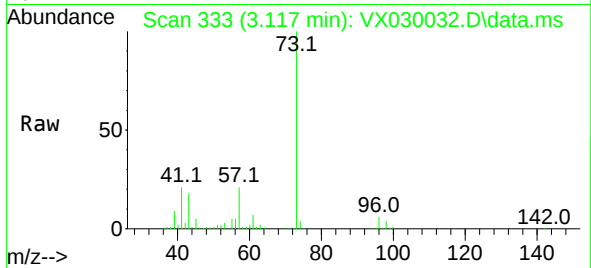
Tgt Ion: 43 Resp: 176981
Ion Ratio Lower Upper
43 100
74 24.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 51.269 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

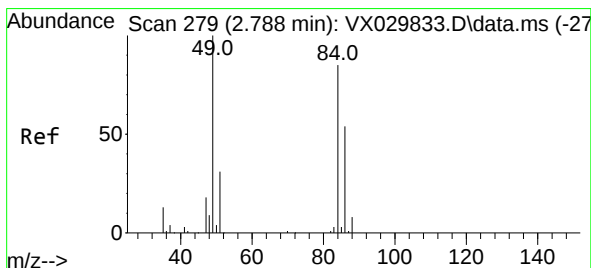
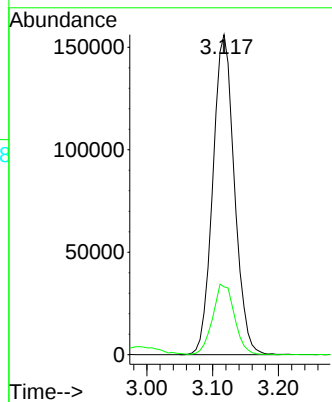
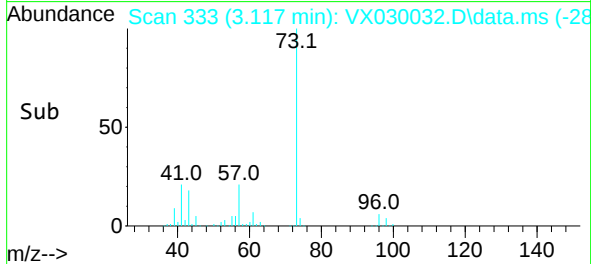
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 356764
Ion Ratio Lower Upper
73 100
57 21.2 19.0 28.6

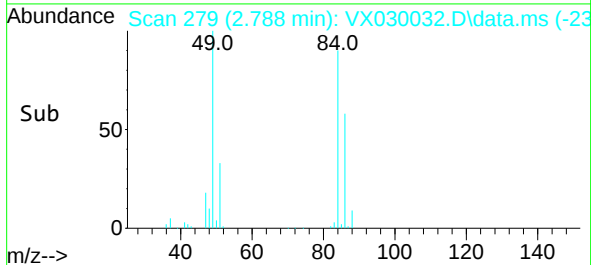
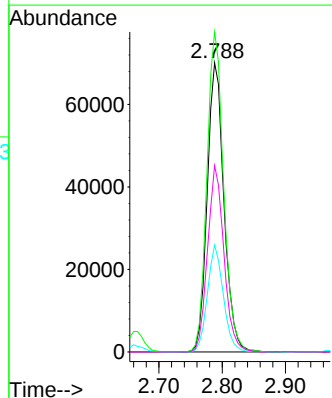
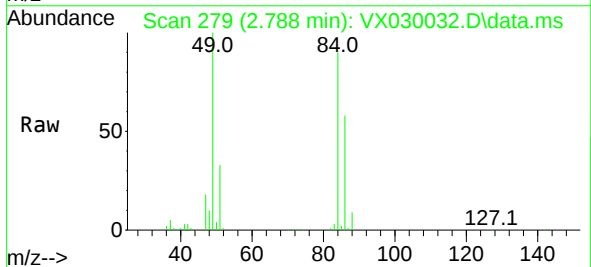
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#20
Methylene Chloride
Concen: 51.591 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

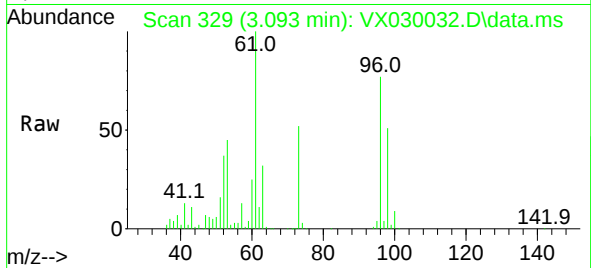
Tgt Ion: 84 Resp: 129112
Ion Ratio Lower Upper
84 100
49 110.7 93.8 140.6
51 37.1 29.4 44.0
86 64.4 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 53.001 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

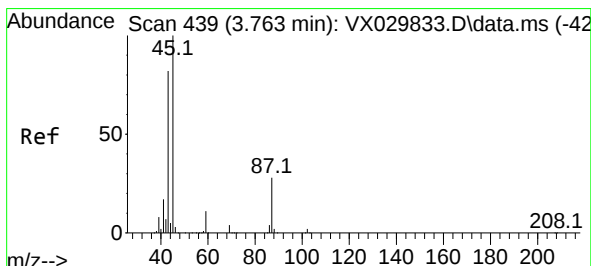
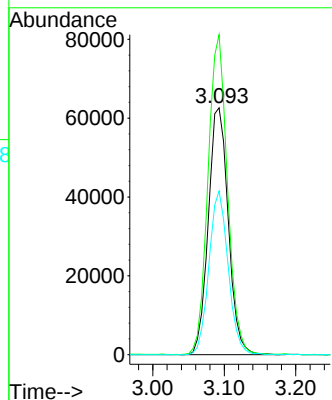
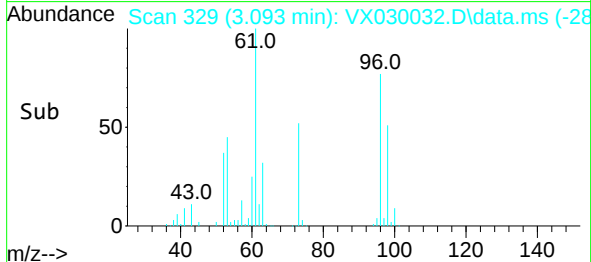
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 121619
Ion Ratio Lower Upper
96 100
61 129.5 105.6 158.4
98 66.3 50.1 75.1

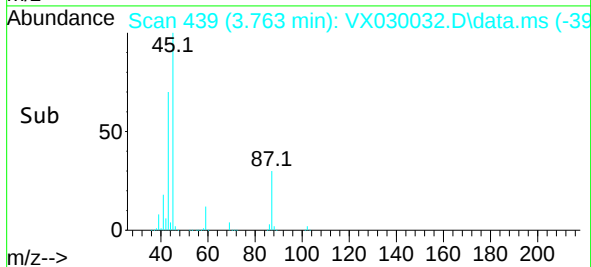
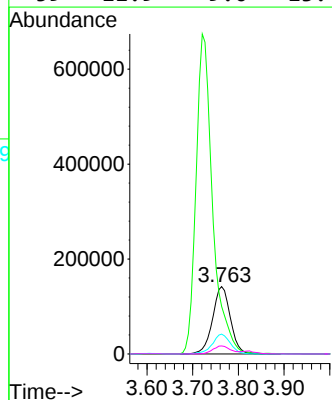
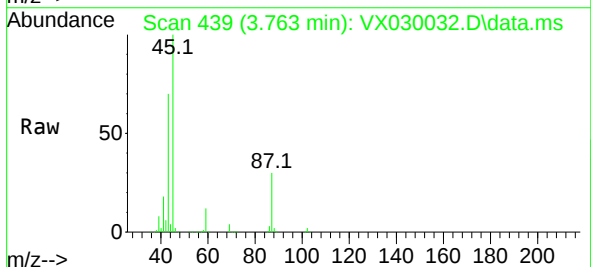
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#22
Diisopropyl ether
Concen: 50.878 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

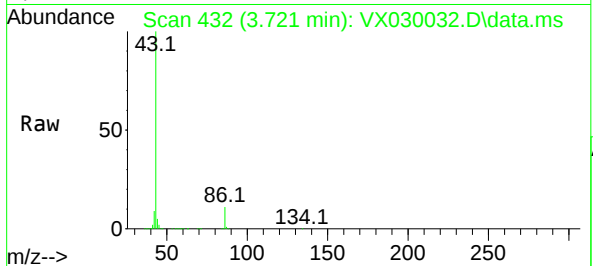
Tgt Ion: 45 Resp: 383136
Ion Ratio Lower Upper
45 100
43 70.1 65.4 98.0
87 29.5 22.3 33.5
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 266.542 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX030032.D
 Acq: 13 Jul 2022 09:50

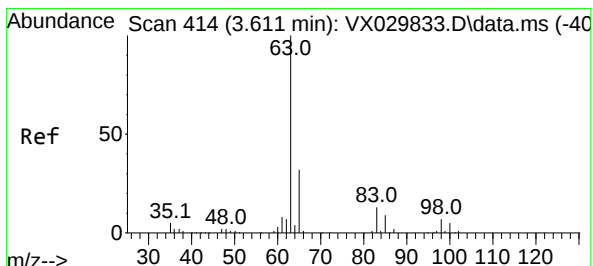
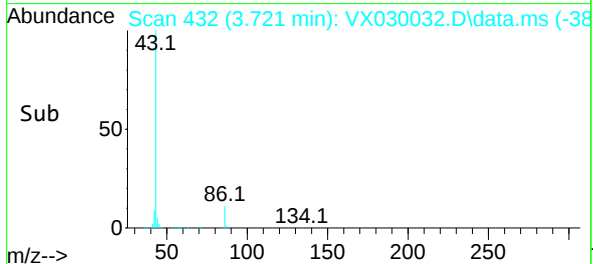
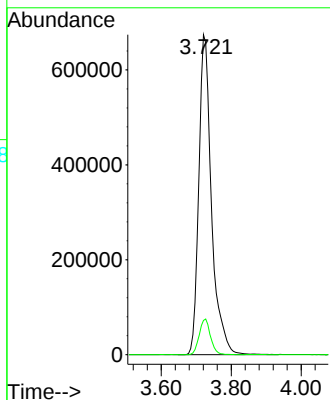
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 1699190
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.5 12.7

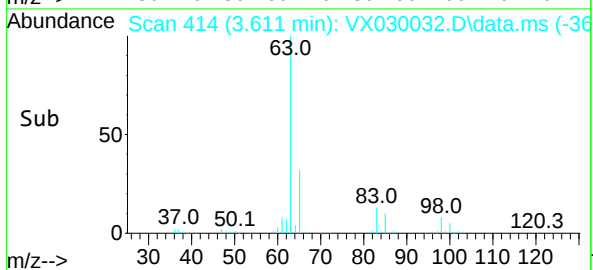
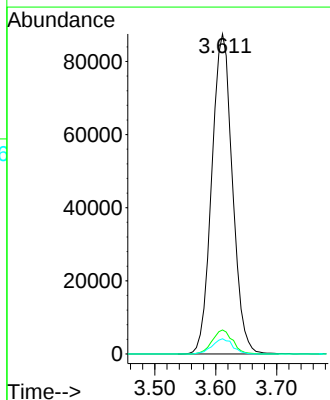
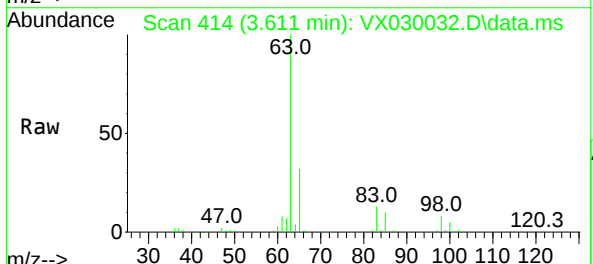
Manual Integrations
 APPROVED

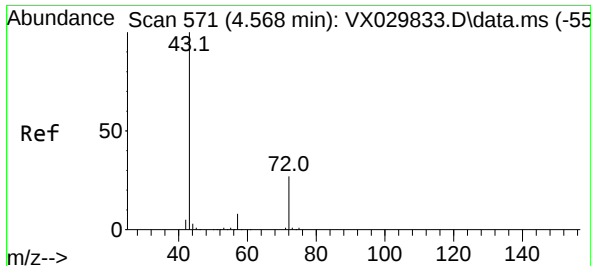
Reviewed By :John Carlone 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022



#24
 1,1-Dichloroethane
 Concen: 49.427 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030032.D
 Acq: 13 Jul 2022 09:50

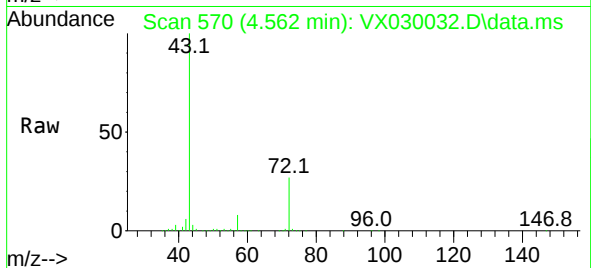
Tgt Ion: 63 Resp: 206252
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.8 2.3 6.9





#25
2-Butanone
Concen: 250.527 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

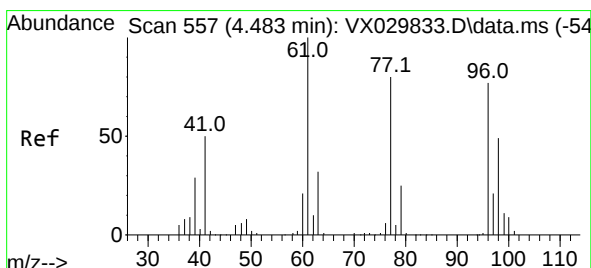
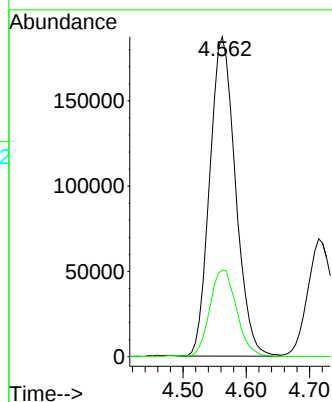
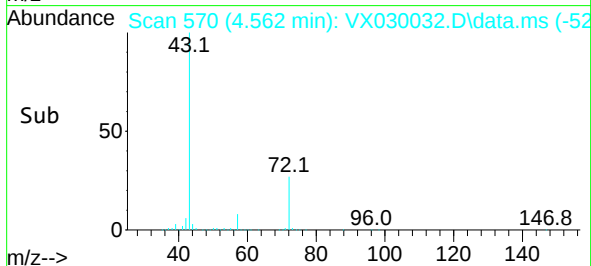
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 52887
Ion Ratio Lower Upper
43 100
72 27.0 21.7 32.5

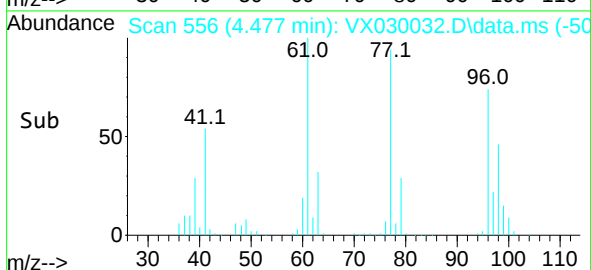
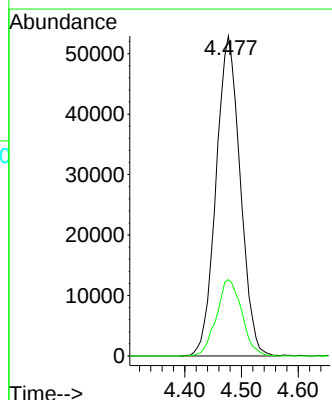
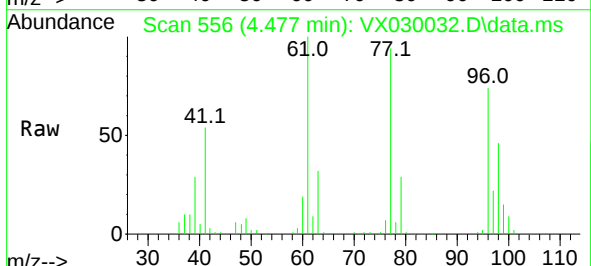
Manual Integrations
APPROVED

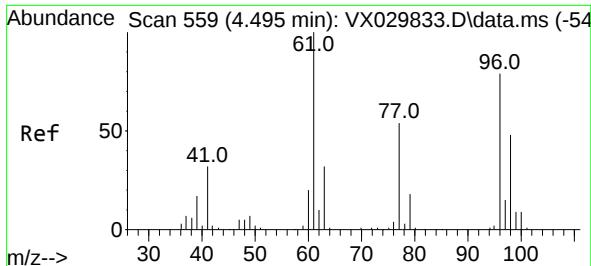
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#26
2,2-Dichloropropane
Concen: 53.487 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

Tgt Ion: 77 Resp: 156787
Ion Ratio Lower Upper
77 100
97 25.0 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 50.051 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 140644

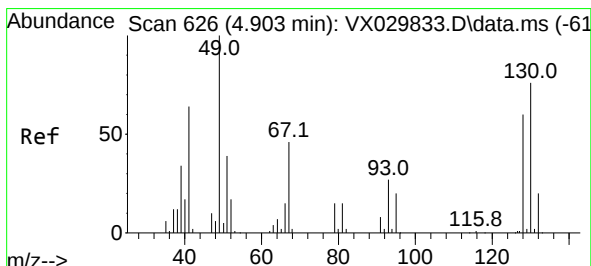
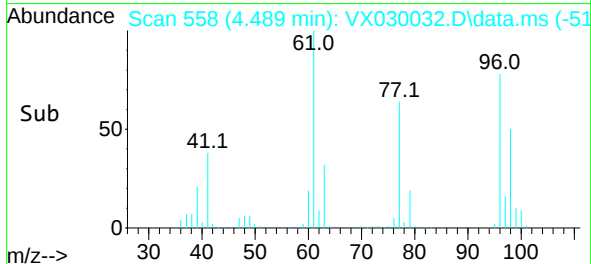
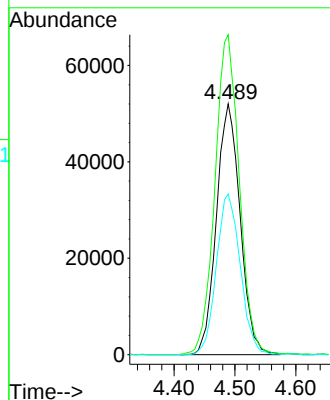
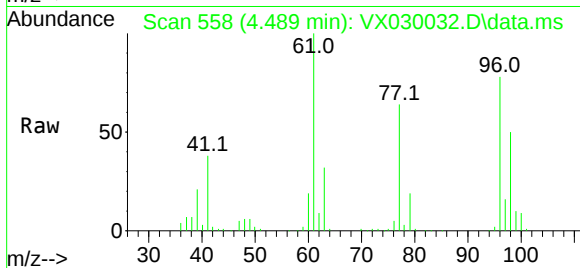
Ion	Ratio	Lower	Upper
96	100		
61	131.1	0.0	270.0
98	64.6	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#28

Bromochloromethane

Concen: 49.299 ug/l

RT: 4.903 min Scan# 626

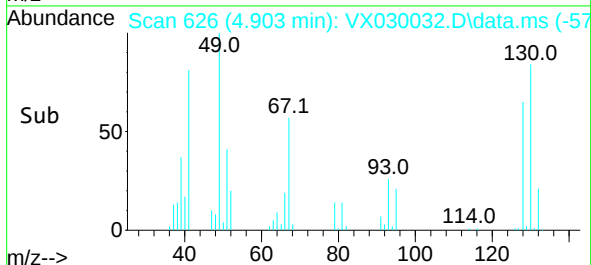
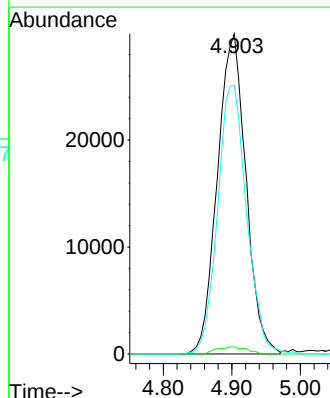
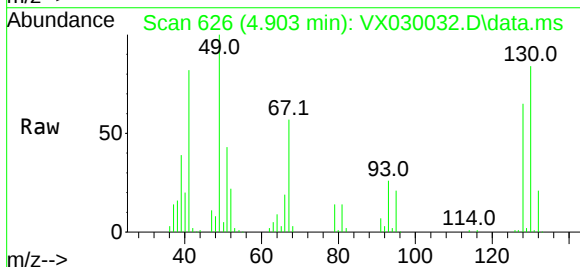
Delta R.T. 0.000 min

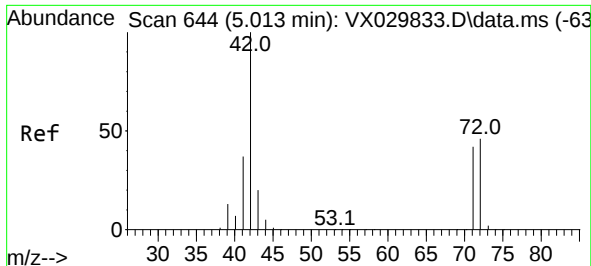
Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

Tgt Ion: 49 Resp: 86546

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	85.4	62.8	94.2





#29

Tetrahydrofuran

Concen: 247.610 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 354739

Ion Ratio Lower Upper

42 100

72 46.4 36.5 54.7

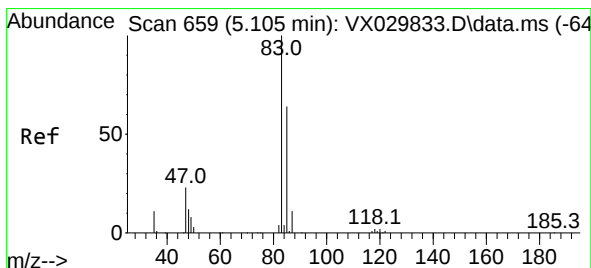
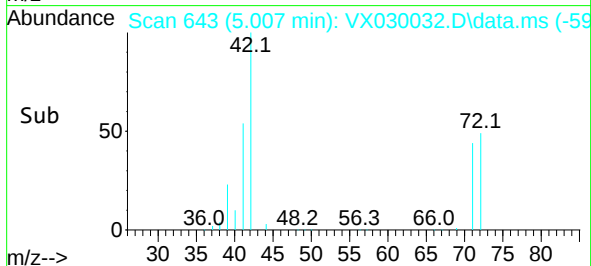
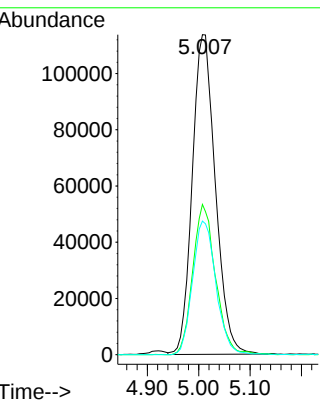
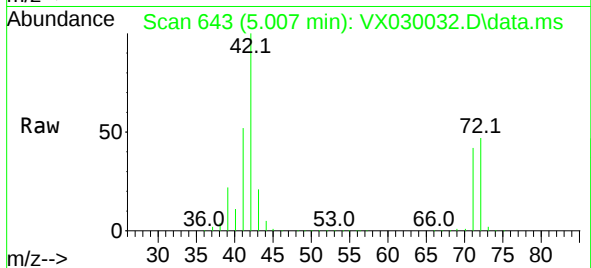
71 42.4 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#30

Chloroform

Concen: 50.269 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.013 min

Lab File: VX030032.D

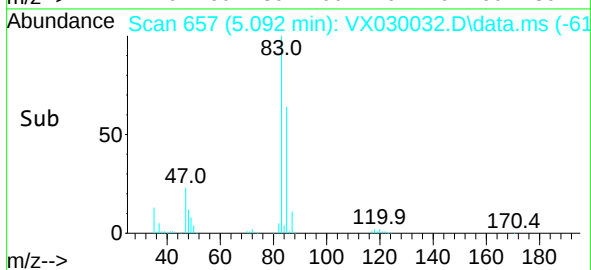
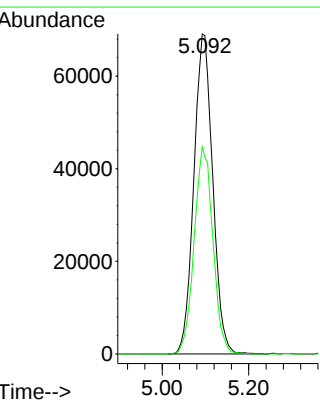
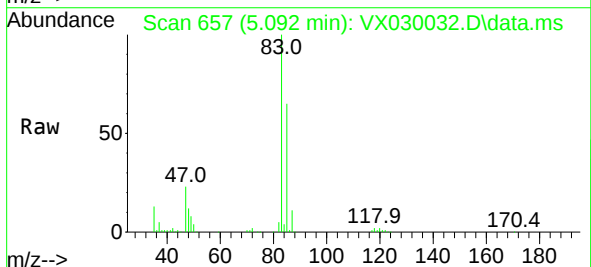
Acq: 13 Jul 2022 09:50

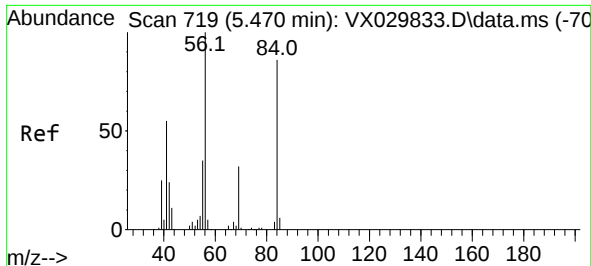
Tgt Ion: 83 Resp: 209045

Ion Ratio Lower Upper

83 100

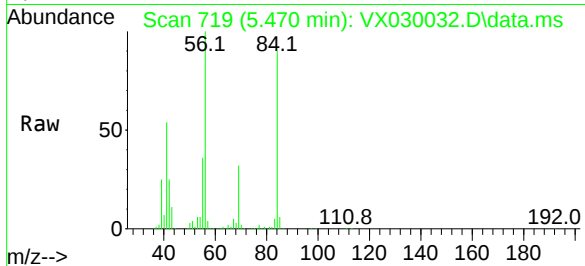
85 64.7 51.5 77.3





#31
Cyclohexane
Concen: 52.865 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

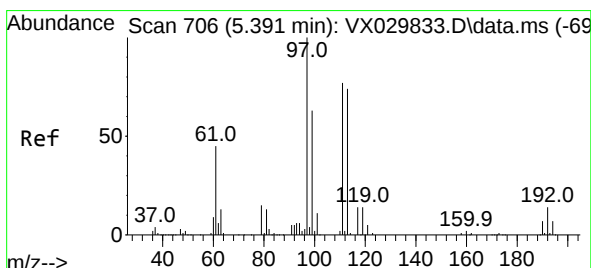
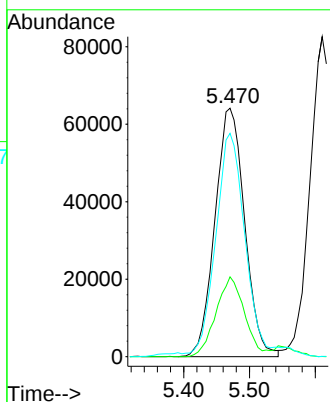
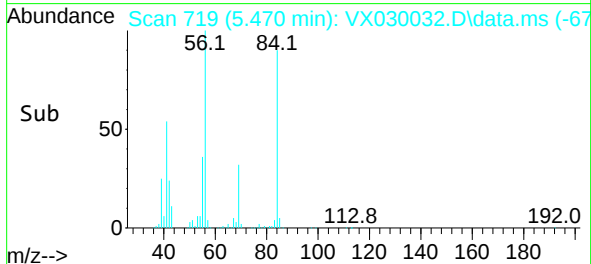
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



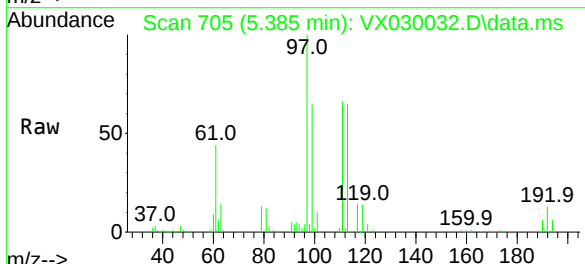
Tgt Ion: 56 Resp: 20155
Ion Ratio Lower Upper
56 100
69 32.1 25.4 38.0
84 88.3 68.9 103.3

Manual Integrations
APPROVED

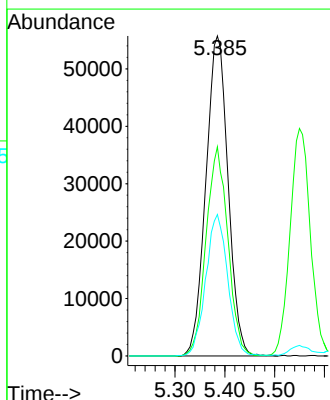
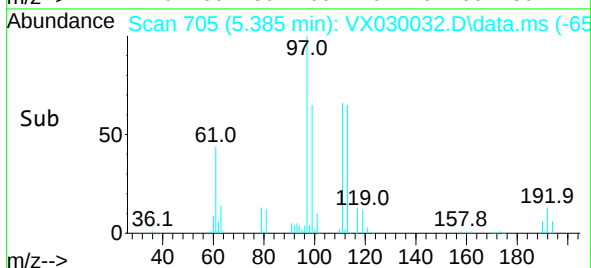
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#32
1,1,1-Trichloroethane
Concen: 50.652 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



Tgt Ion: 97 Resp: 172156
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 43.8 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 43.238 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 113710

Ion Ratio Lower Upper

65 100

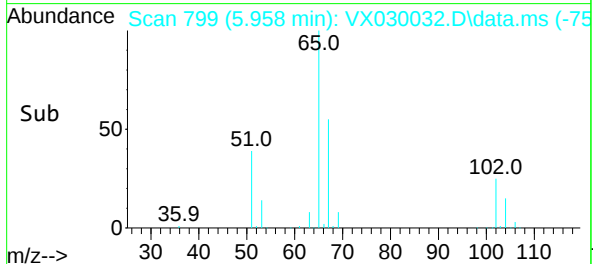
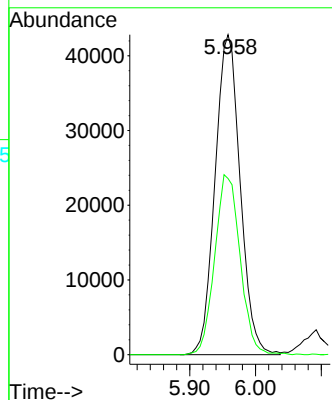
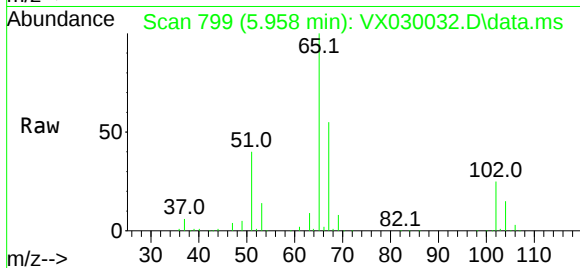
67 56.9 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

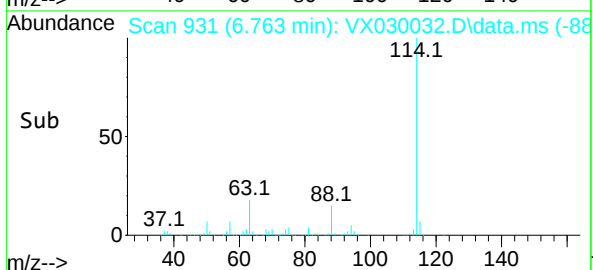
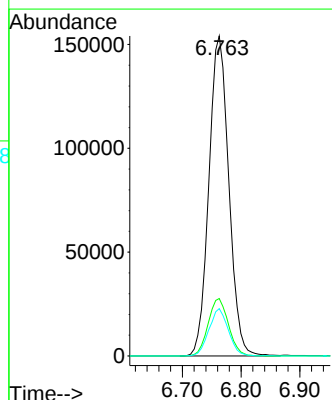
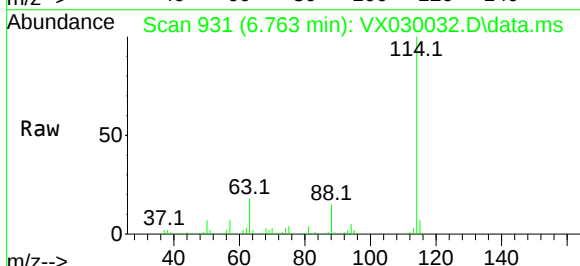
Tgt Ion:114 Resp: 363289

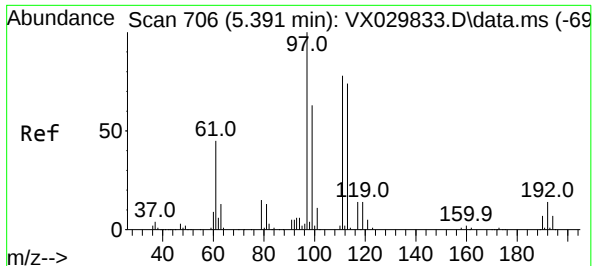
Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

88 14.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.452 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 10548

Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

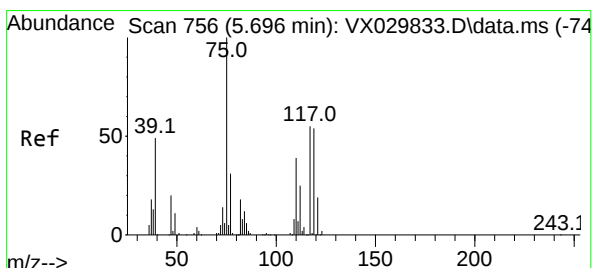
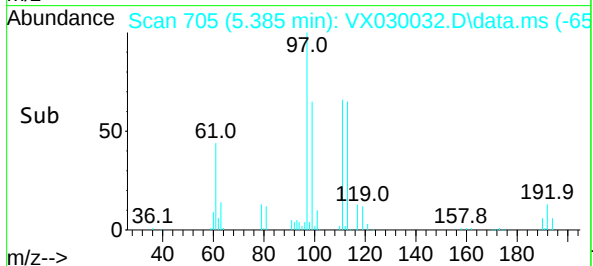
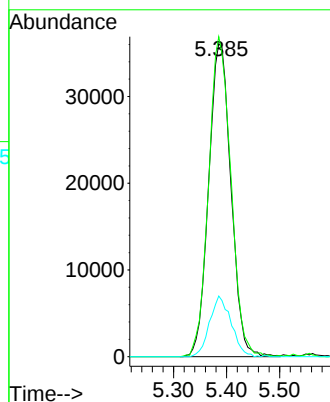
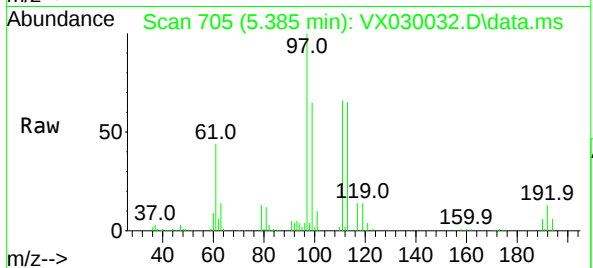
192 18.7 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#36

1,1-Dichloropropene

Concen: 52.226 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

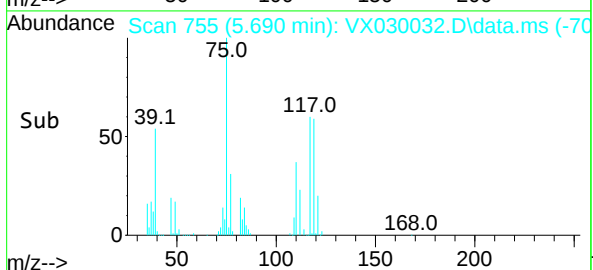
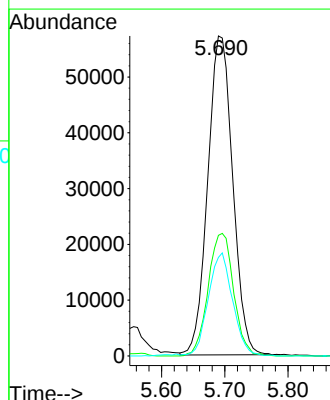
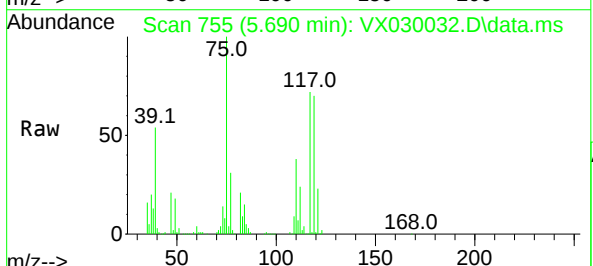
Tgt Ion: 75 Resp: 156562

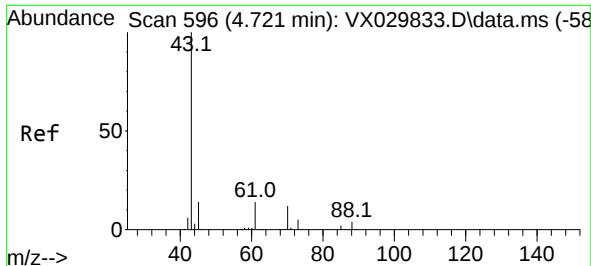
Ion Ratio Lower Upper

75 100

110 39.2 19.3 57.9

77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 50.896 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.007 min

Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

Instrument :

MSVOA_X

ClientSampleId :

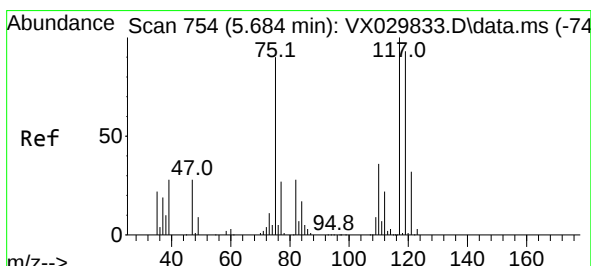
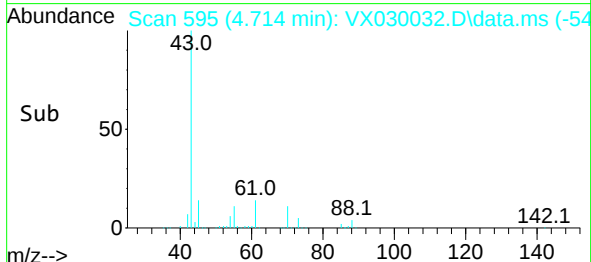
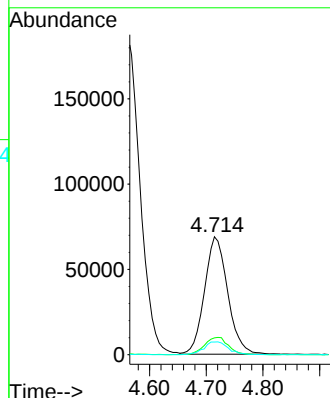
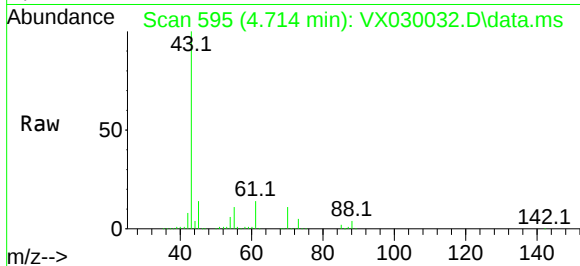
VSTDCCC050

Tgt Ion: 43 Resp: 19605

Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.7	17.5
70	11.4	9.3	13.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#38

Carbon Tetrachloride

Concen: 52.957 ug/l

RT: 5.678 min Scan# 753

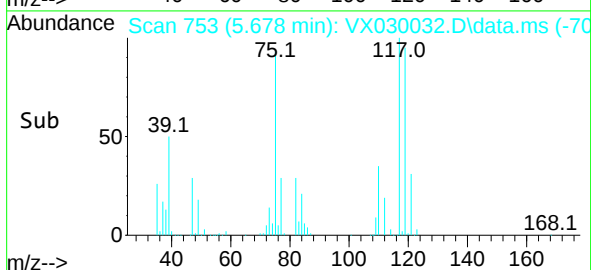
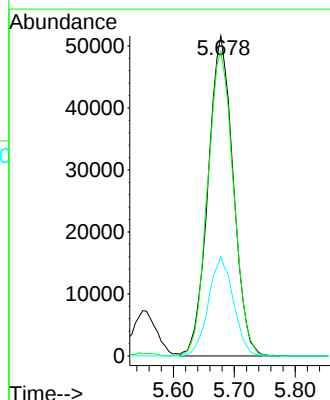
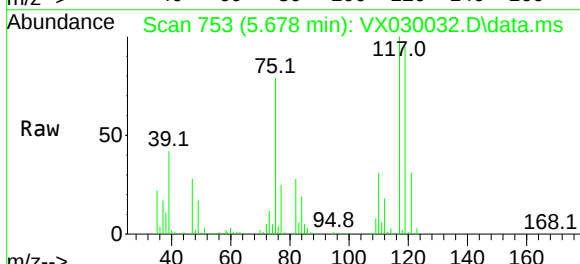
Delta R.T. -0.006 min

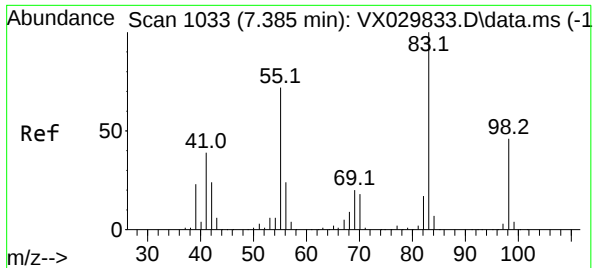
Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

Tgt Ion:117 Resp: 148043

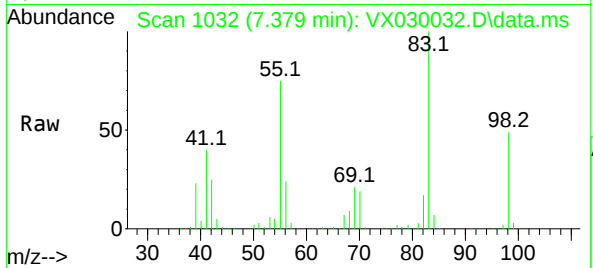
Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.1	111.1
121	31.1	25.8	38.8





#39
Methylcyclohexane
Concen: 55.855 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

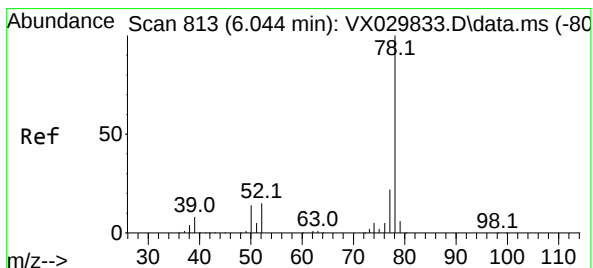
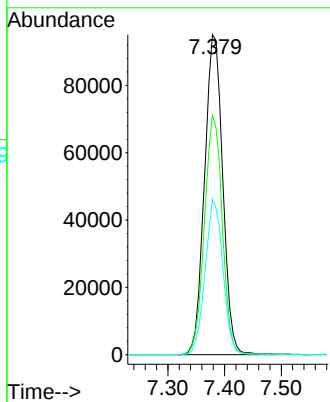
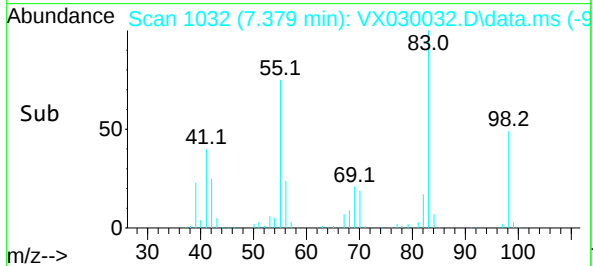
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 21226
Ion Ratio Lower Upper
83 100
55 74.8 57.7 86.5
98 48.6 36.5 54.7

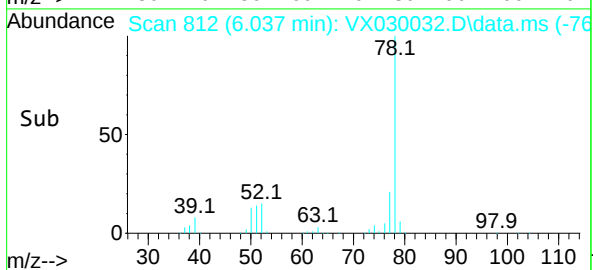
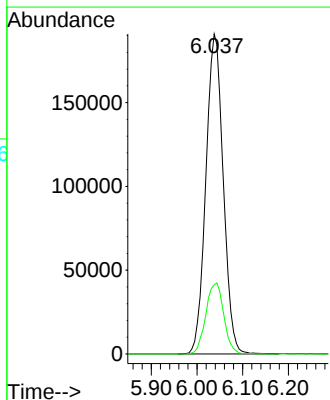
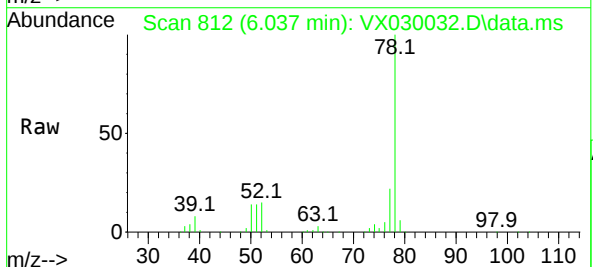
Manual Integrations
APPROVED

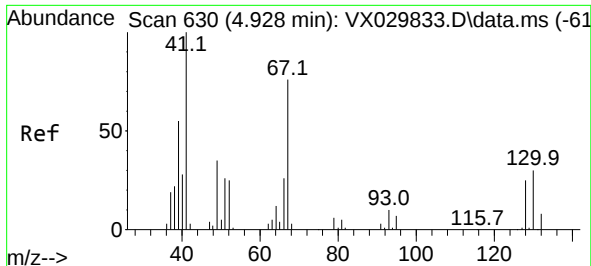
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#40
Benzene
Concen: 53.388 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

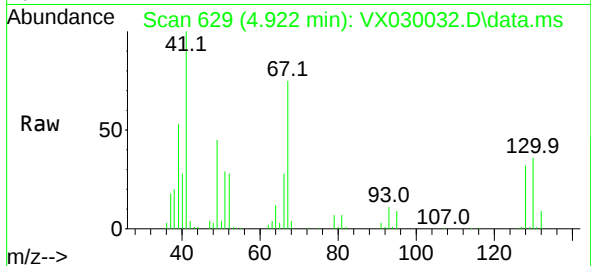
Tgt Ion: 78 Resp: 503736
Ion Ratio Lower Upper
78 100
77 21.6 18.0 27.0





#41
Methacrylonitrile
Concen: 50.802 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

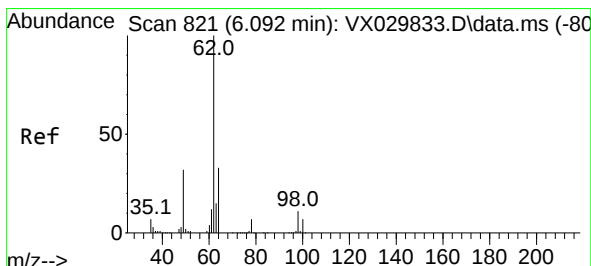
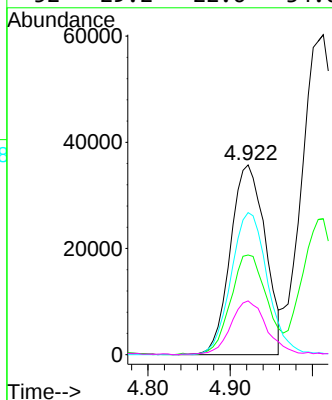
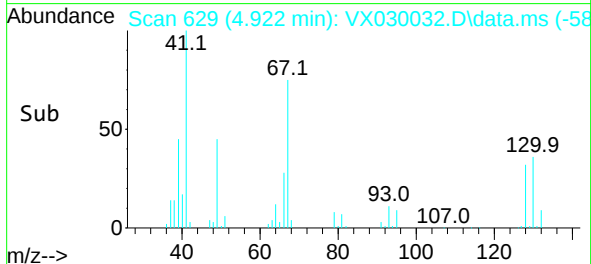
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



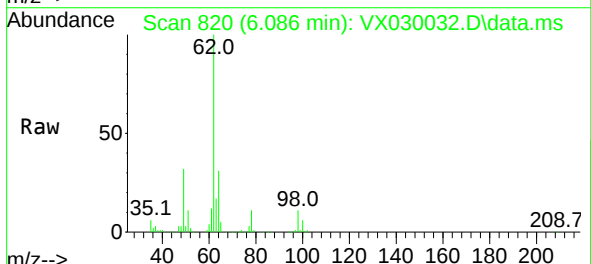
Tgt Ion: 41 Resp: 10536
Ion Ratio Lower Upper
41 100
39 54.3 42.9 64.3
67 78.5 60.1 90.1
52 29.2 22.6 34.0

Manual Integrations
APPROVED

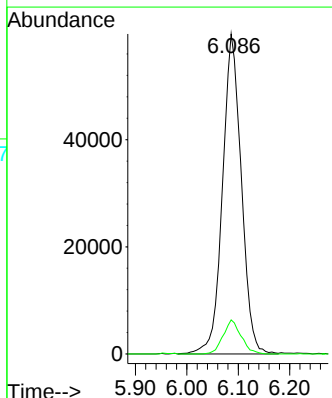
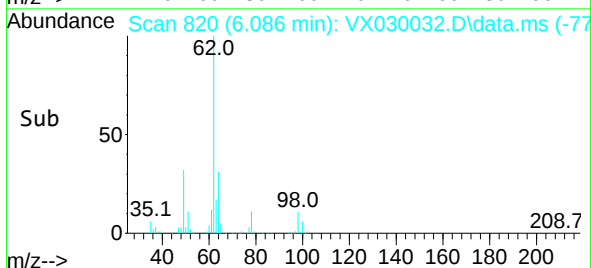
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#42
1,2-Dichloroethane
Concen: 52.007 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



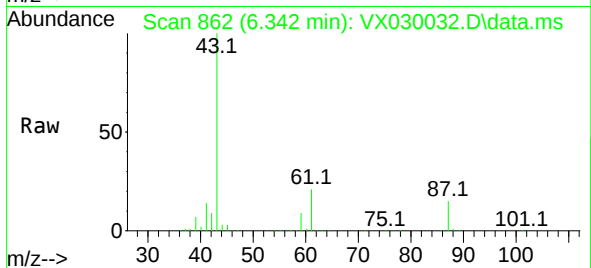
Tgt Ion: 62 Resp: 152078
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2





#43
Isopropyl Acetate
Concen: 51.278 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

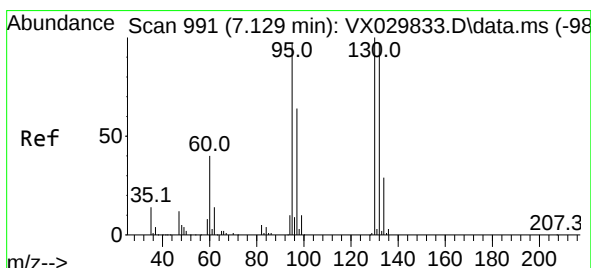
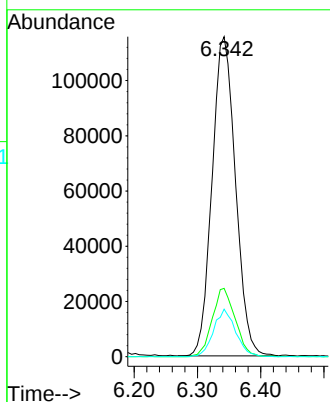
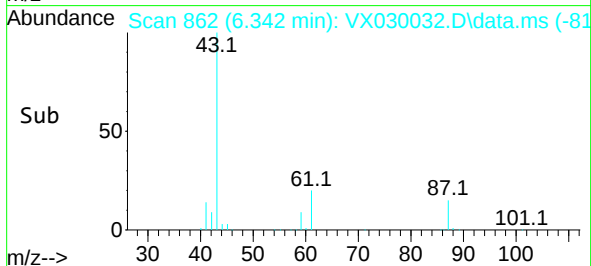
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



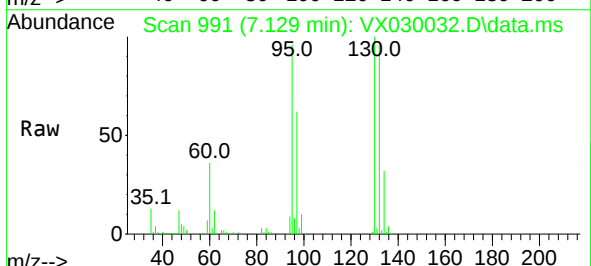
Tgt Ion: 43 Resp: 297025
Ion Ratio Lower Upper
43 100
61 21.0 16.5 24.7
87 14.1 11.1 16.7

Manual Integrations
APPROVED

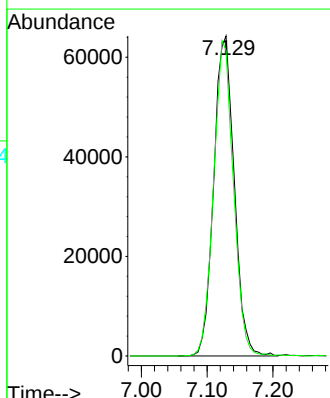
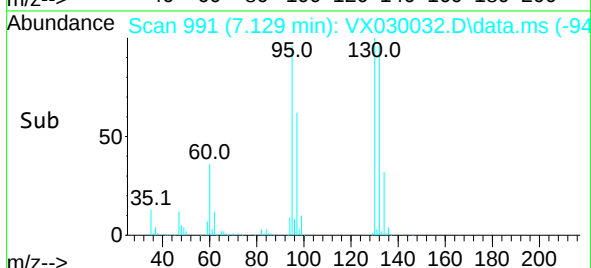
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

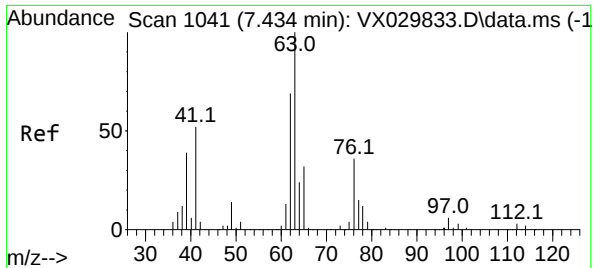


#44
Trichloroethene
Concen: 50.462 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



Tgt Ion:130 Resp: 139132
Ion Ratio Lower Upper
130 100
95 95.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 52.055 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.001 min

Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 127660

Ion Ratio Lower Upper

63 100

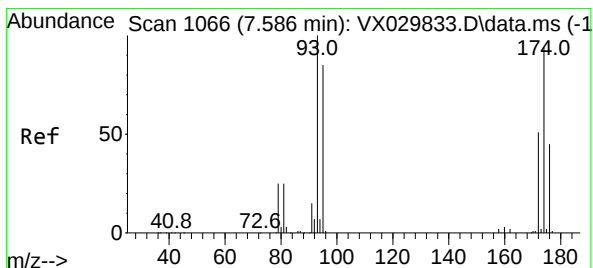
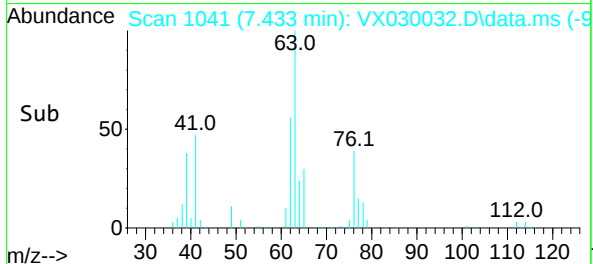
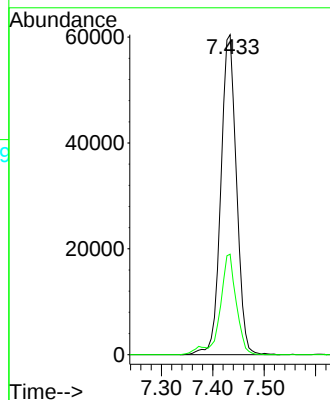
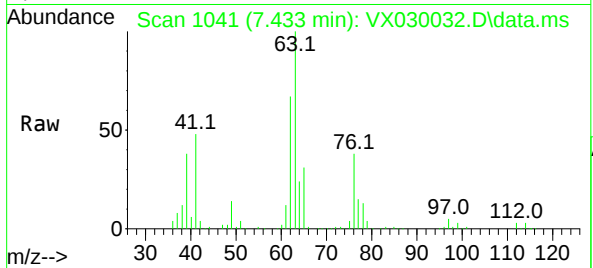
65 31.4 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#46

Dibromomethane

Concen: 51.317 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

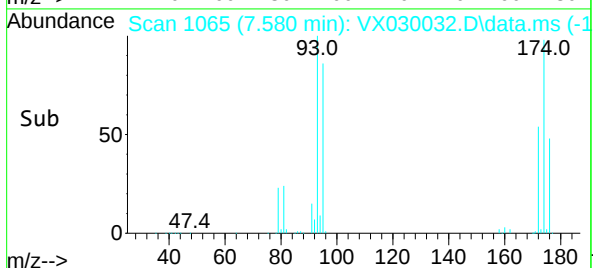
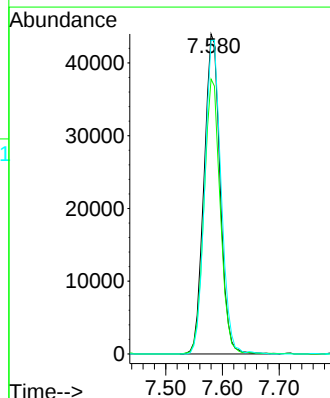
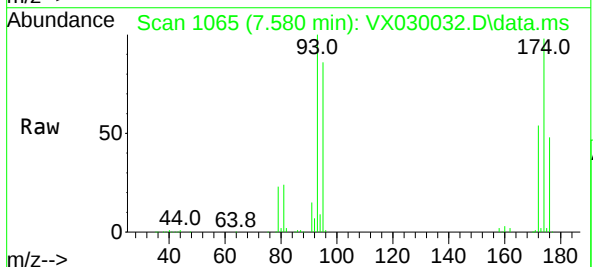
Tgt Ion: 93 Resp: 86622

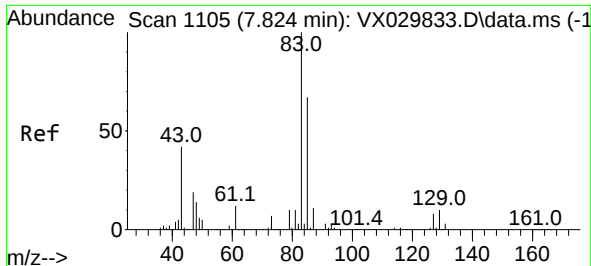
Ion Ratio Lower Upper

93 100

95 86.2 67.4 101.0

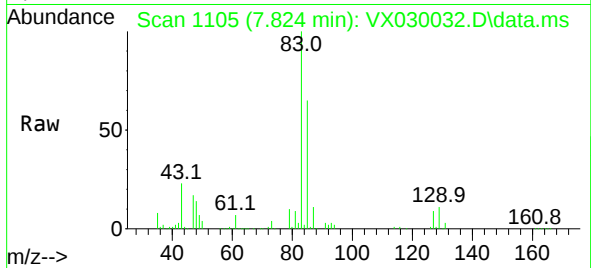
174 99.1 75.6 113.4





#47
Bromodichloromethane
Concen: 52.297 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

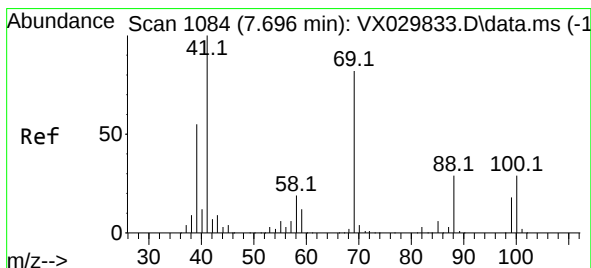
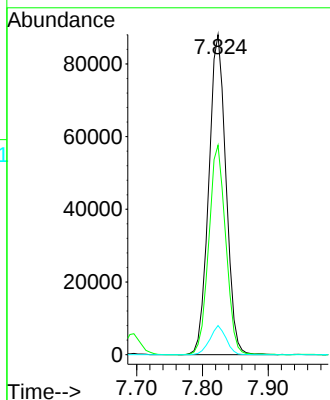
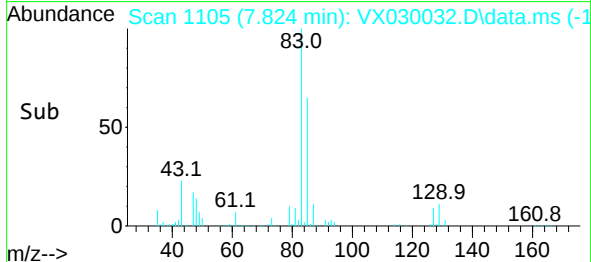
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



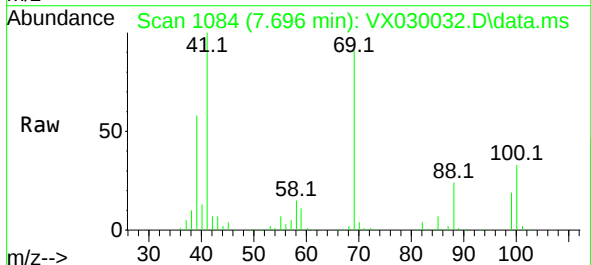
Tgt Ion: 83 Resp: 16018
Ion Ratio Lower Upper
83 100
85 65.4 53.5 80.3
127 9.1 6.6 10.0

Manual Integrations
APPROVED

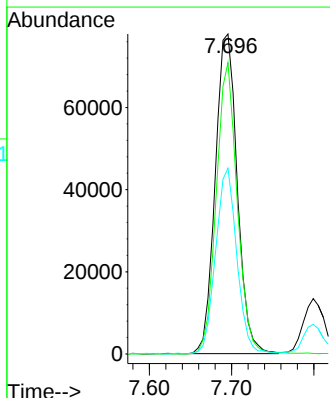
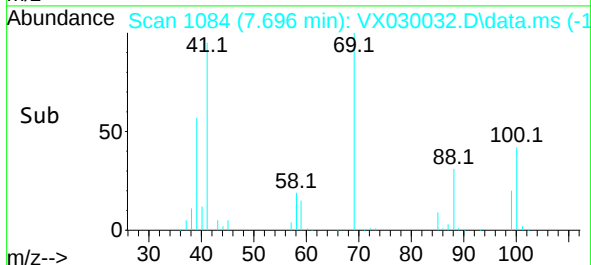
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#48
Methyl methacrylate
Concen: 54.207 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



Tgt Ion: 41 Resp: 144877
Ion Ratio Lower Upper
41 100
69 86.7 68.8 103.2
39 55.6 44.6 66.8





#49

1,4-Dioxane

Concen: 1012.486 ug/l

RT: 7.677 min Scan# 1082

Delta R.T. -0.006 min

Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 70309

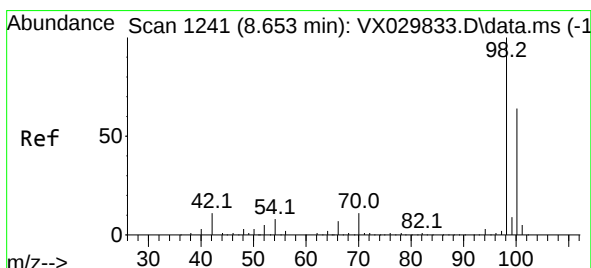
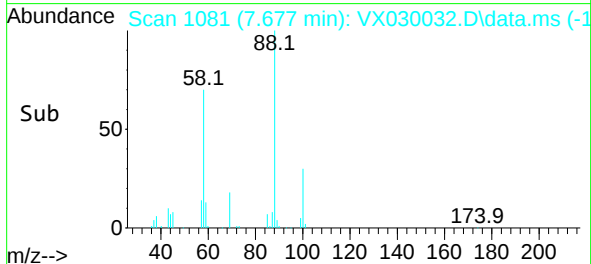
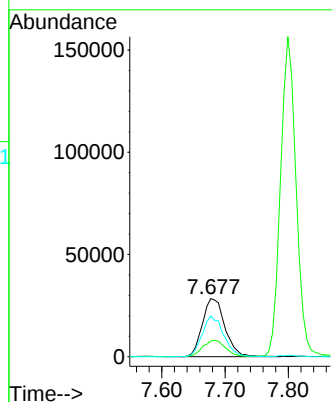
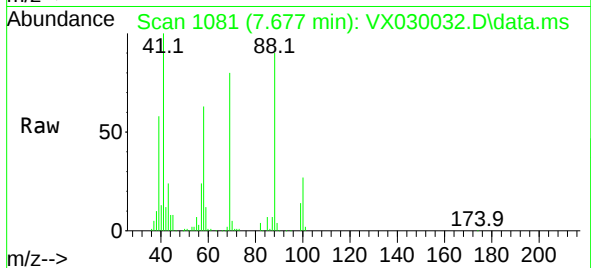
Ion	Ratio	Lower	Upper
88	100		
43	28.0	23.8	35.8
58	67.1	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#50

Toluene-d8

Concen: 46.226 ug/l

RT: 8.647 min Scan# 1240

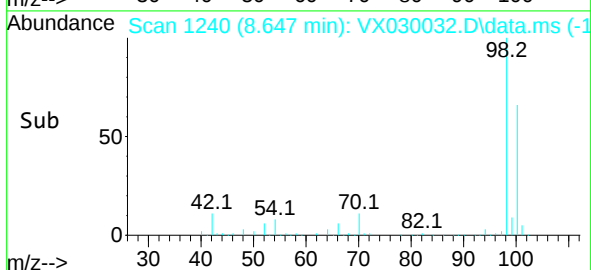
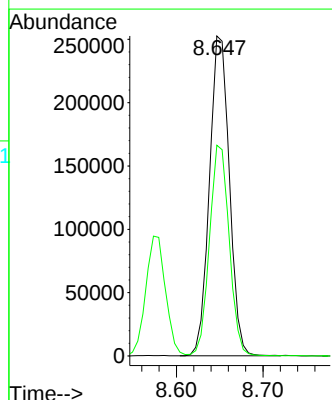
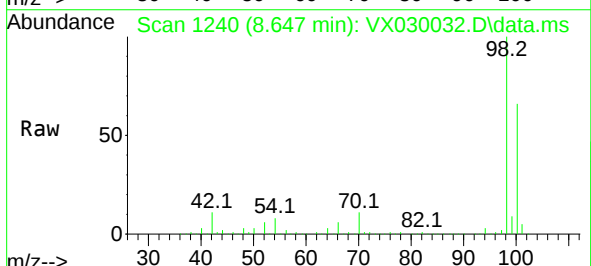
Delta R.T. -0.006 min

Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

Tgt Ion: 98 Resp: 403487

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.3	78.5





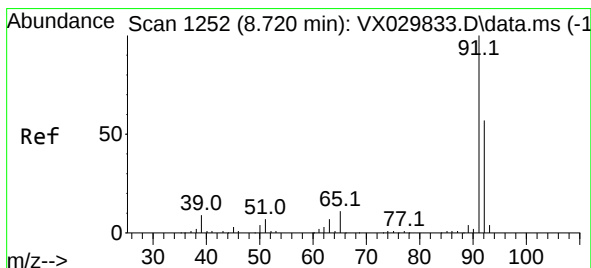
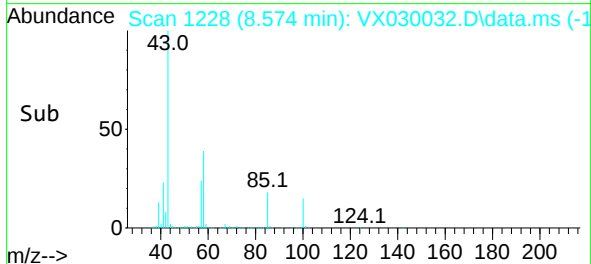
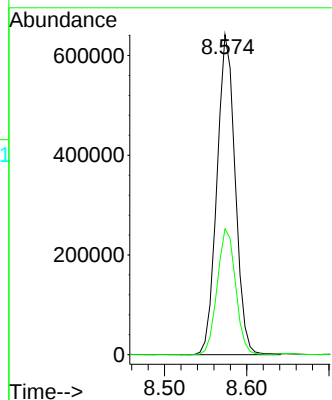
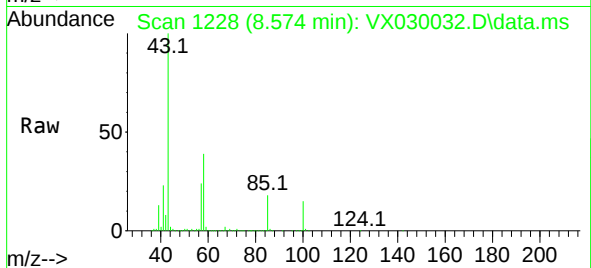
#51
4-Methyl-2-Pentanone
Concen: 258.464 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 99070
Ion Ratio Lower Upper
43 100
58 39.6 31.4 47.2

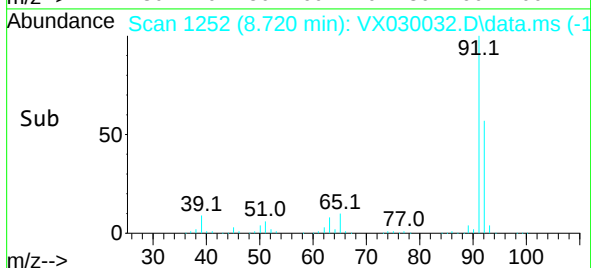
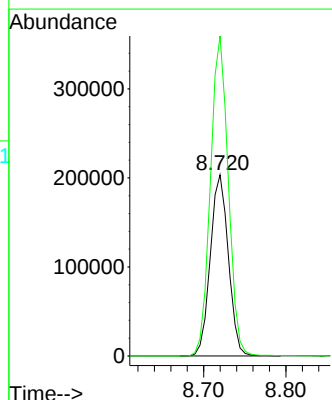
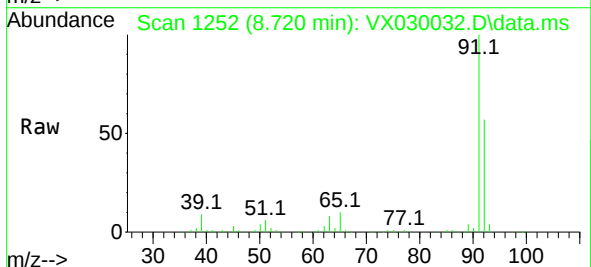
Manual Integrations
APPROVED

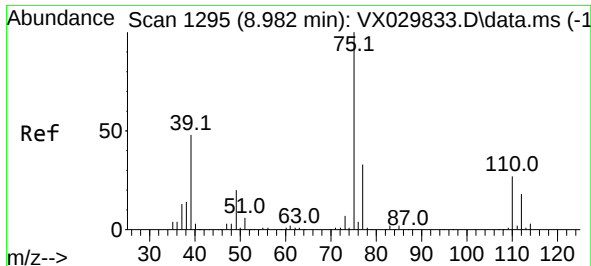
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#52
Toluene
Concen: 51.793 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

Tgt Ion: 92 Resp: 310319
Ion Ratio Lower Upper
92 100
91 174.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 54.786 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 17430

Ion Ratio Lower Upper

75 100

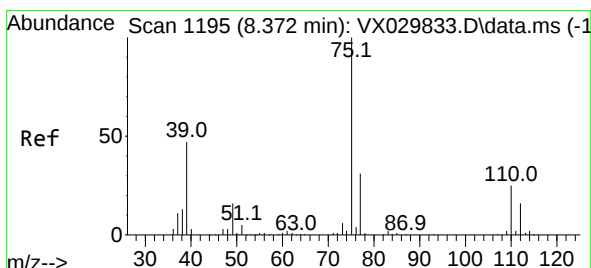
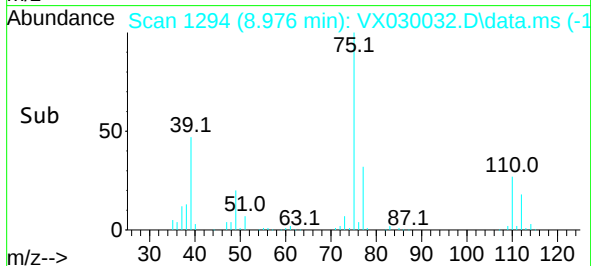
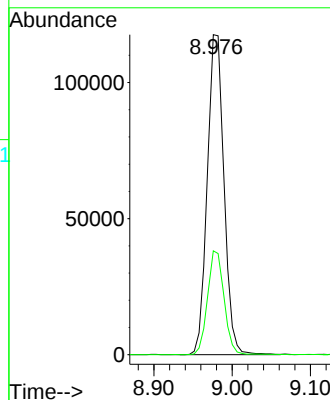
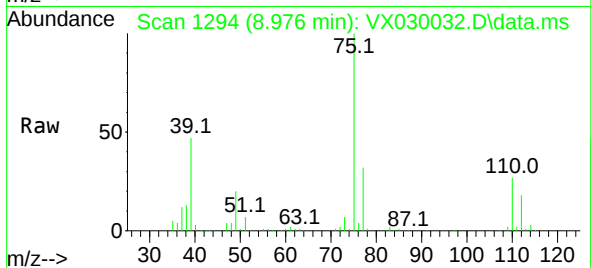
77 32.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#54

cis-1,3-Dichloropropene

Concen: 54.316 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

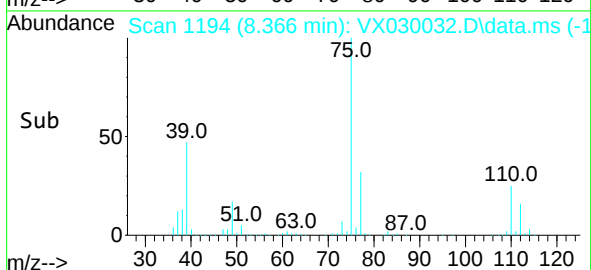
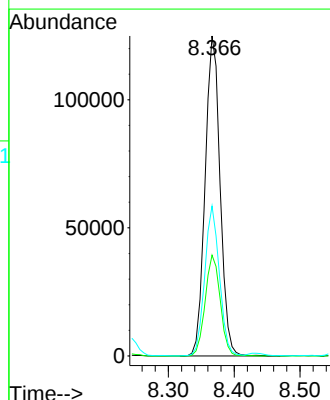
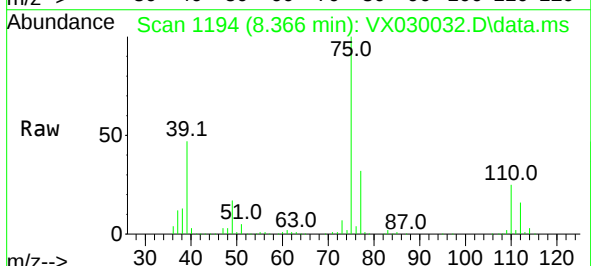
Tgt Ion: 75 Resp: 197970

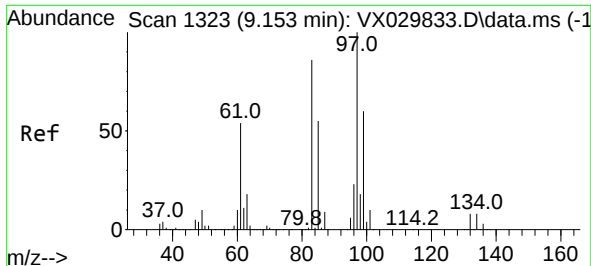
Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4

39 46.8 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 51.583 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 12745

Ion Ratio Lower Upper

97 100

83 90.7 68.9 103.3

85 56.1 44.0 66.0

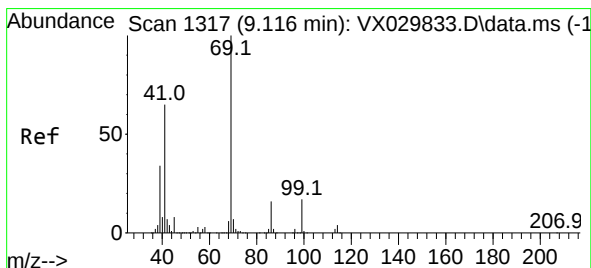
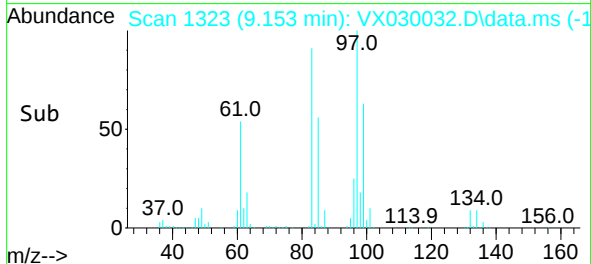
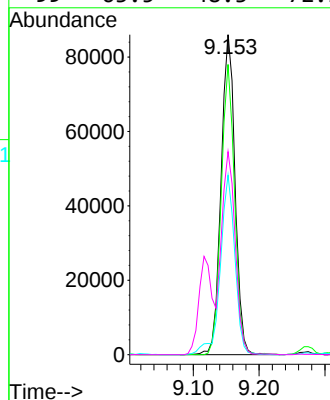
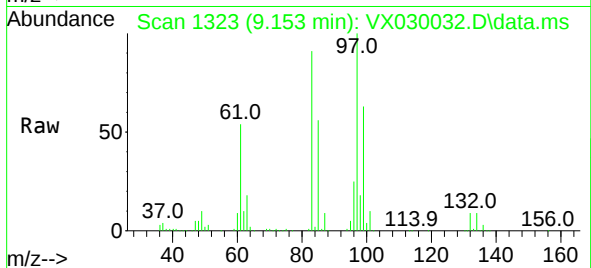
99 63.5 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#56

Ethyl methacrylate

Concen: 54.279 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX030032.D

Acq: 13 Jul 2022 09:50

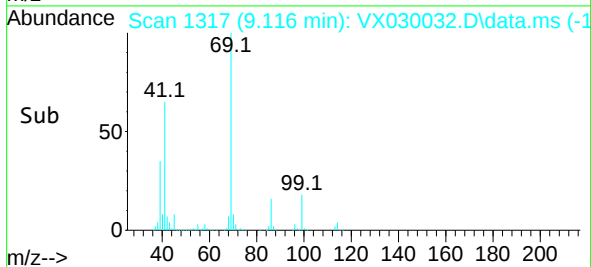
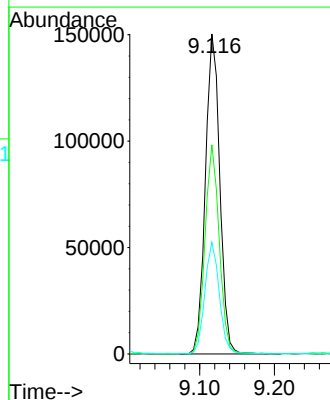
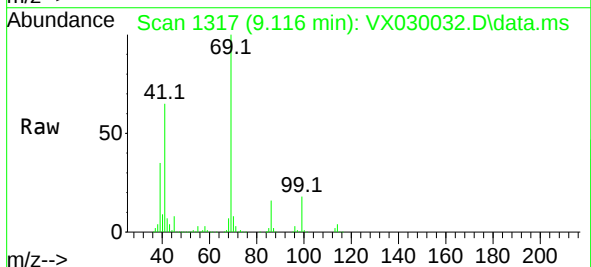
Tgt Ion: 69 Resp: 201637

Ion Ratio Lower Upper

69 100

41 64.5 52.3 78.5

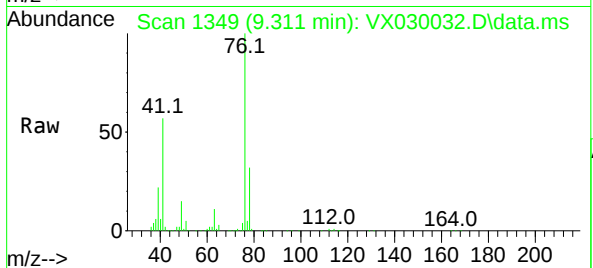
39 35.1 28.2 42.4





#57
1,3-Dichloropropane
Concen: 52.641 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

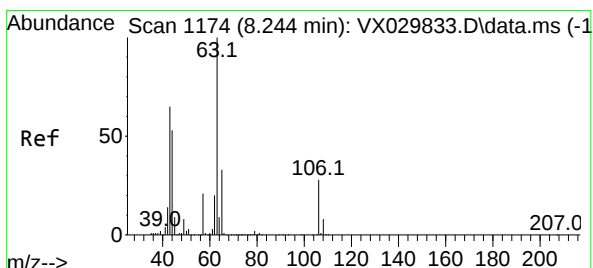
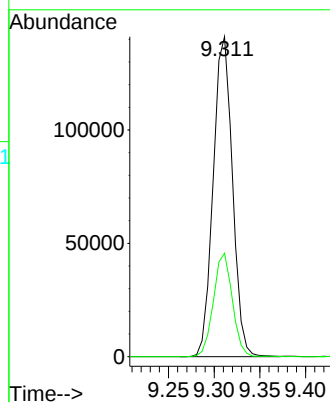
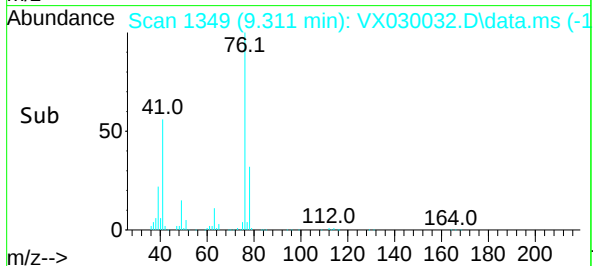
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



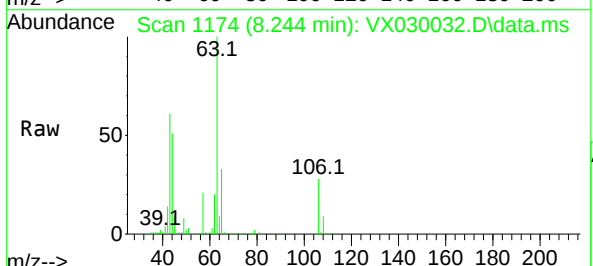
Tgt Ion: 76 Resp: 20661
Ion Ratio Lower Upper
76 100
78 31.8 25.9 38.9

Manual Integrations
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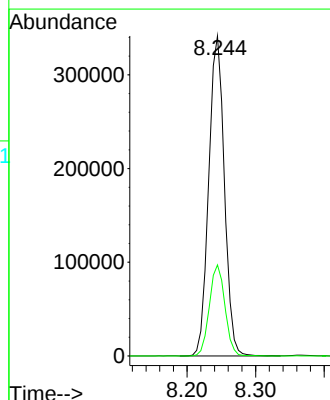
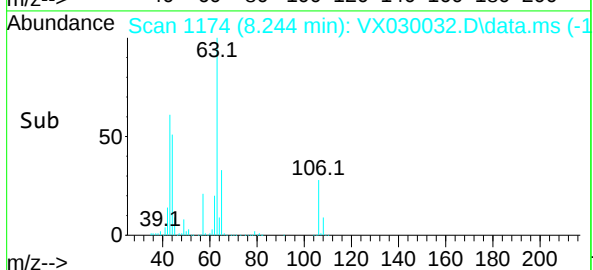
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

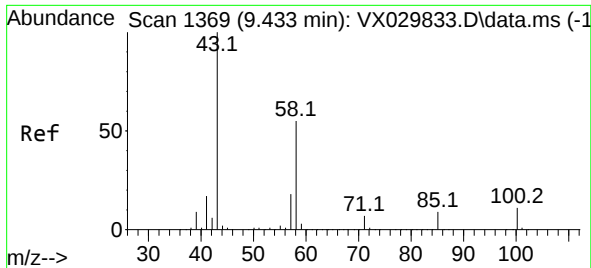


#58
2-Chloroethyl Vinyl ether
Concen: 268.461 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



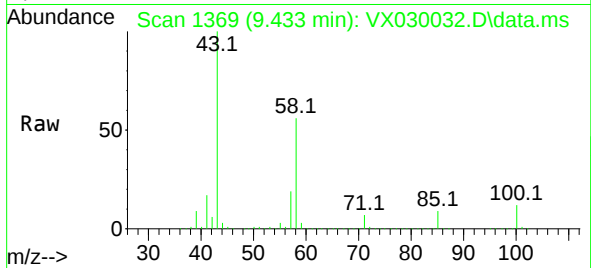
Tgt Ion: 63 Resp: 541532
Ion Ratio Lower Upper
63 100
106 28.3 22.2 33.2





#59
2-Hexanone
Concen: 267.651 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

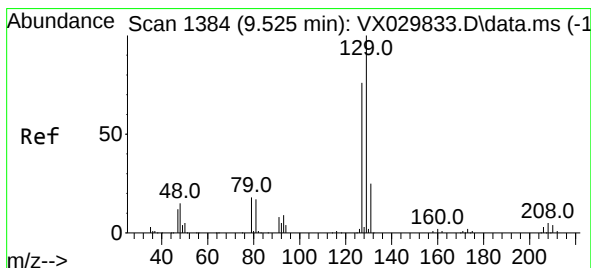
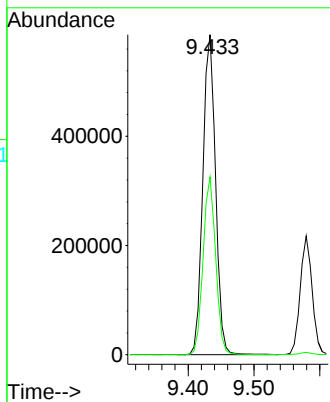
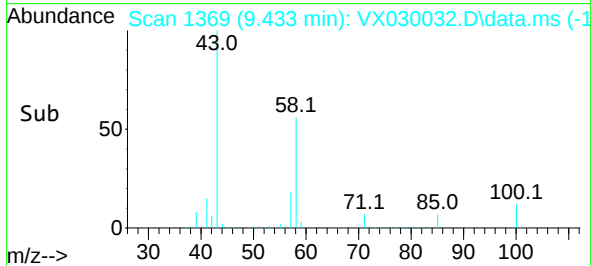
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



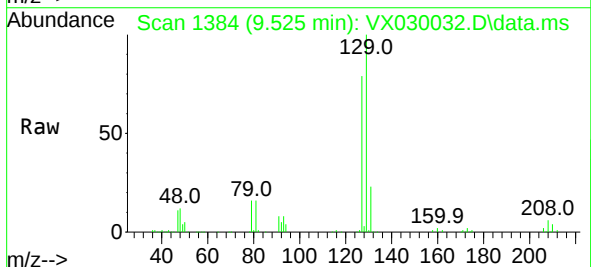
Tgt Ion: 43 Resp: 786732
Ion Ratio Lower Upper
43 100
58 55.1 27.6 82.8

Manual Integrations
APPROVED

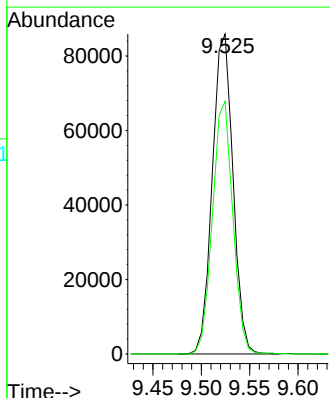
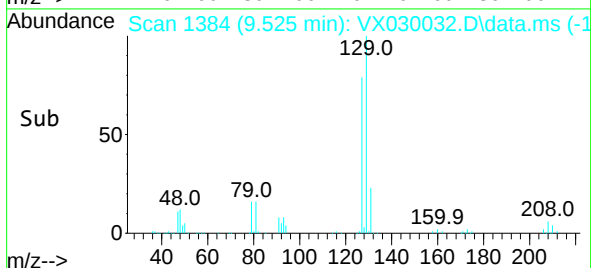
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#60
Dibromochloromethane
Concen: 52.777 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



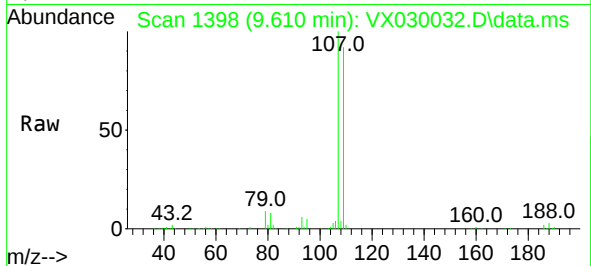
Tgt Ion:129 Resp: 127040
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 52.430 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

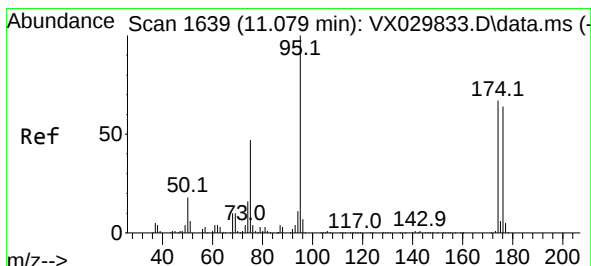
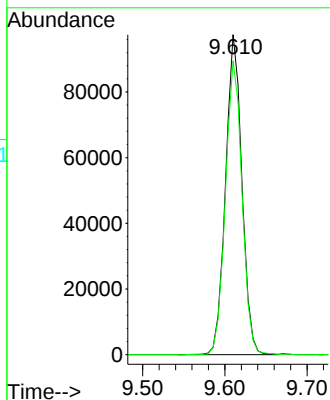
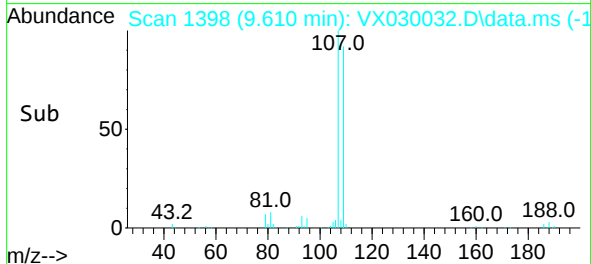
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



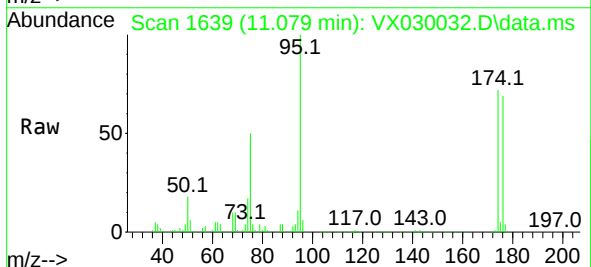
Tgt Ion:107 Resp: 134825
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8

Manual Integrations
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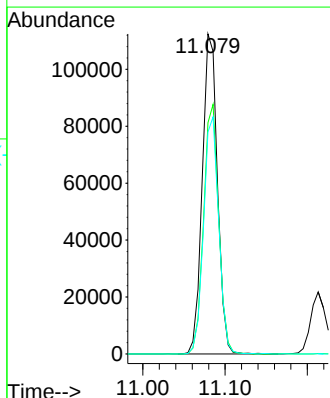
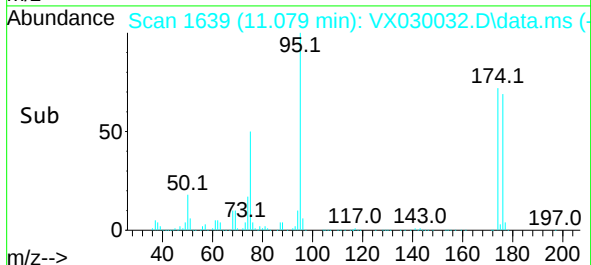
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#62
4-Bromofluorobenzene
Concen: 47.407 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



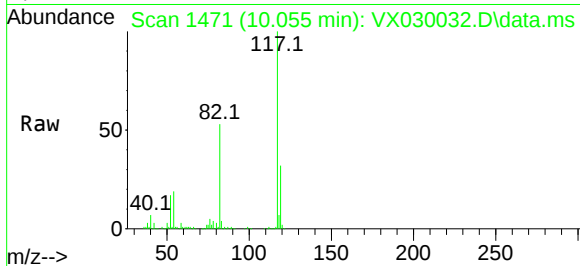
Tgt Ion: 95 Resp: 143599
Ion Ratio Lower Upper
95 100
174 77.2 0.0 149.0
176 74.3 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

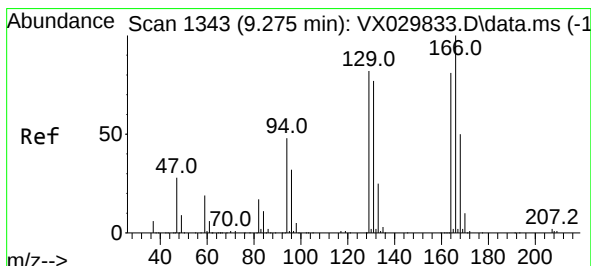
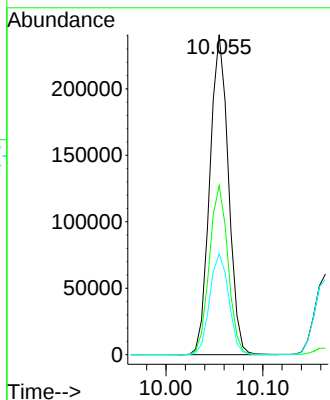
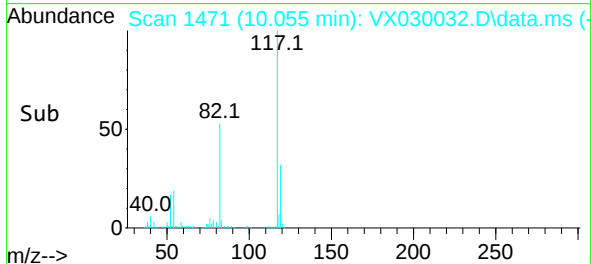
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 322400
Ion Ratio Lower Upper
117 100
82 52.9 42.7 64.1
119 31.6 25.4 38.2

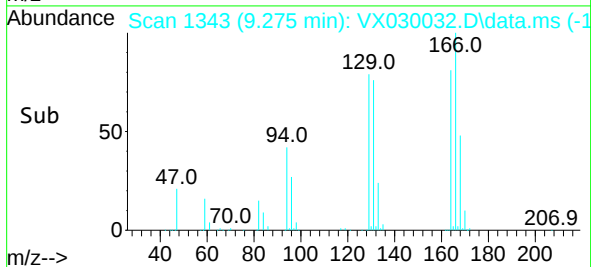
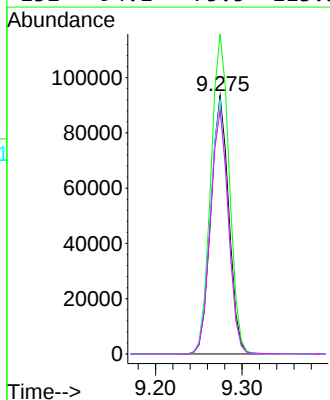
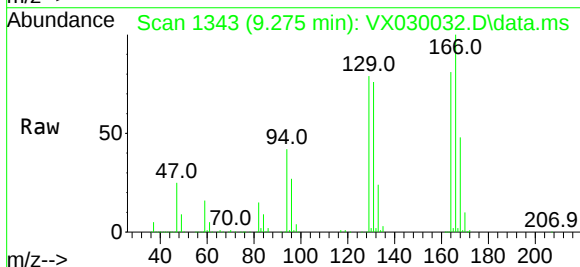
Manual Integrations
APPROVED

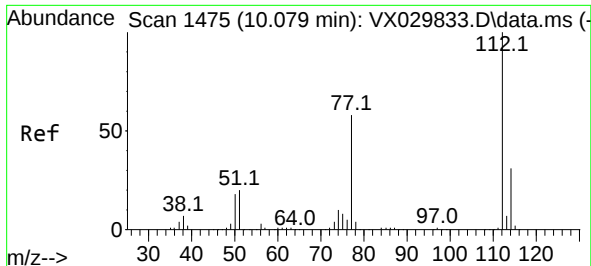
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#64
Tetrachloroethene
Concen: 51.821 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

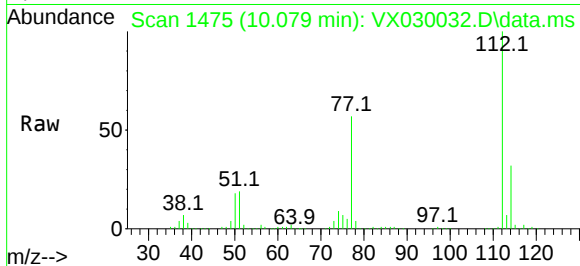
Tgt Ion:164 Resp: 134113
Ion Ratio Lower Upper
164 100
166 123.8 98.2 147.4
129 98.0 80.8 121.2
131 94.1 75.5 113.3





#65
Chlorobenzene
Concen: 51.161 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

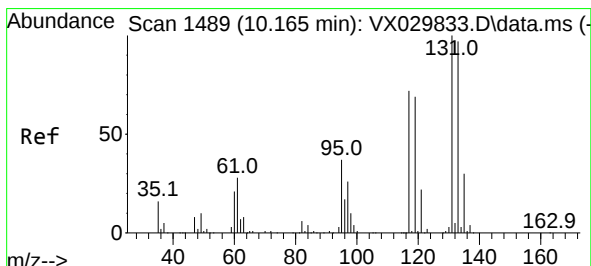
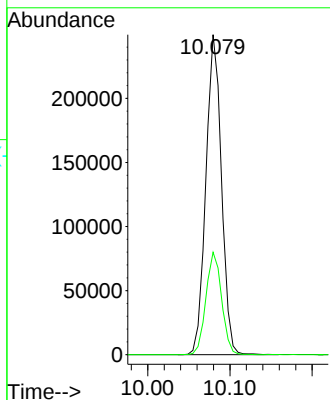
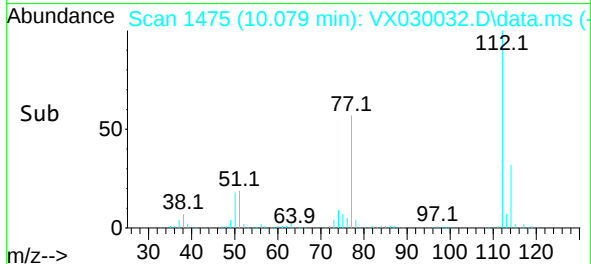
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



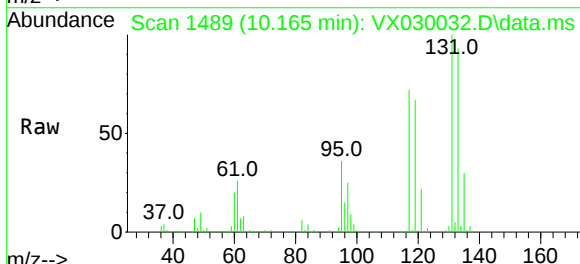
Tgt Ion:112 Resp: 328440
Ion Ratio Lower Upper
112 100
114 32.0 24.6 36.8

Manual Integrations
APPROVED

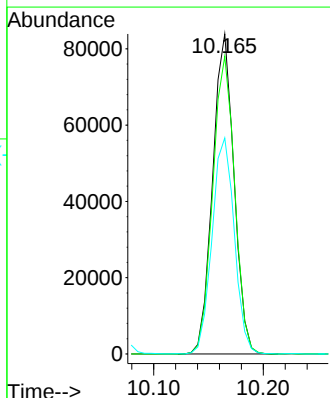
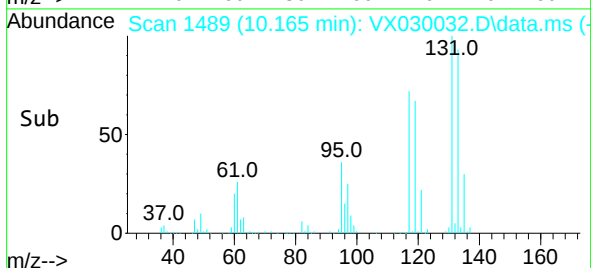
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

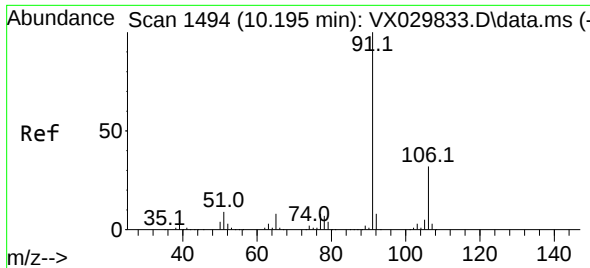


#66
1,1,1,2-Tetrachloroethane
Concen: 51.898 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



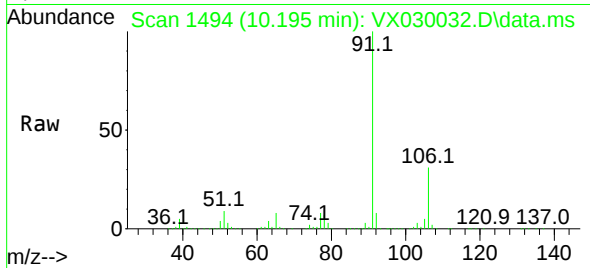
Tgt Ion:131 Resp: 113585
Ion Ratio Lower Upper
131 100
133 95.5 46.9 140.8
119 70.3 34.4 103.1





#67
Ethyl Benzene
Concen: 54.096 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

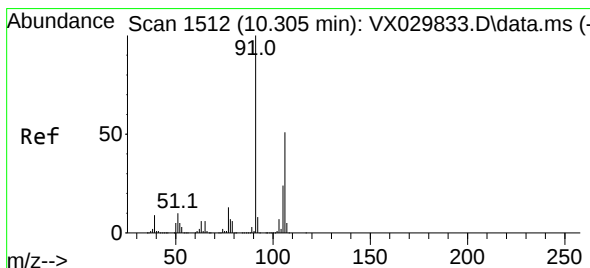
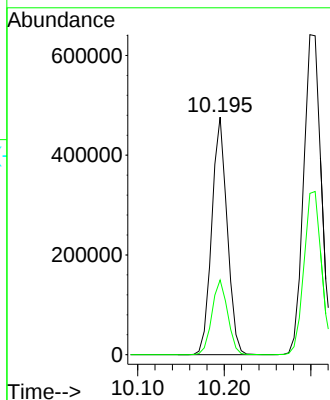
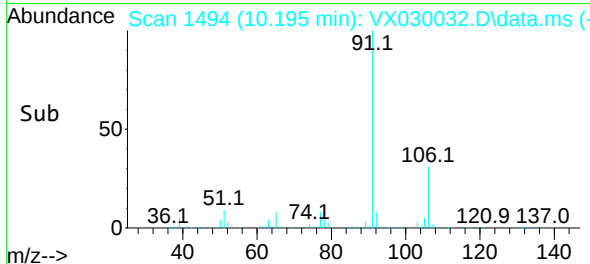
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 588609
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3

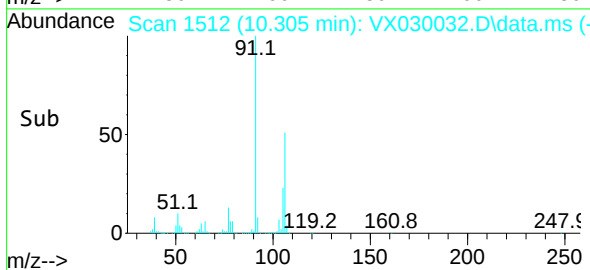
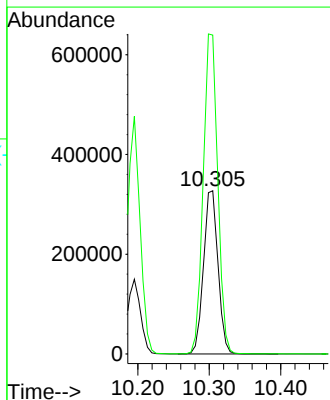
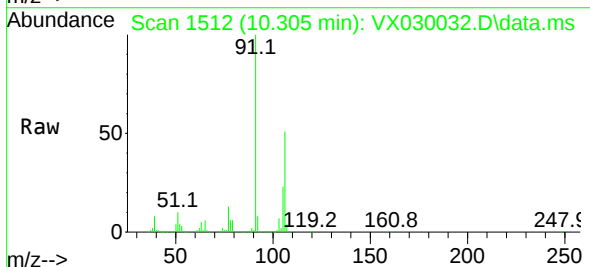
Manual Integrations
APPROVED

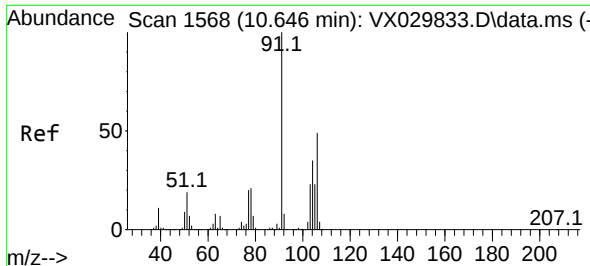
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#68
m/p-Xylenes
Concen: 107.921 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

Tgt Ion:106 Resp: 460562
Ion Ratio Lower Upper
106 100
91 196.3 158.2 237.4





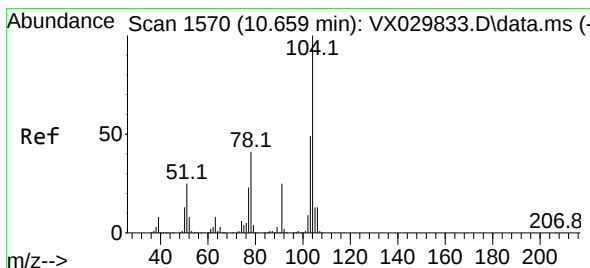
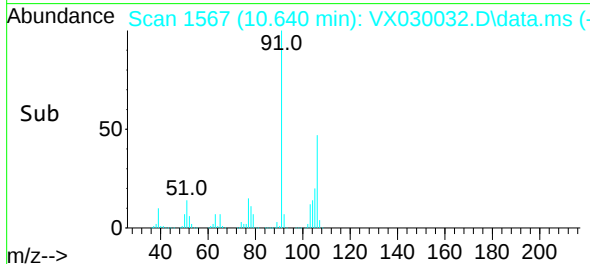
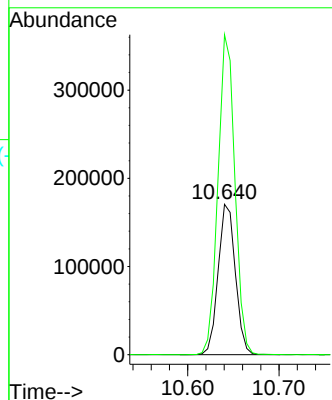
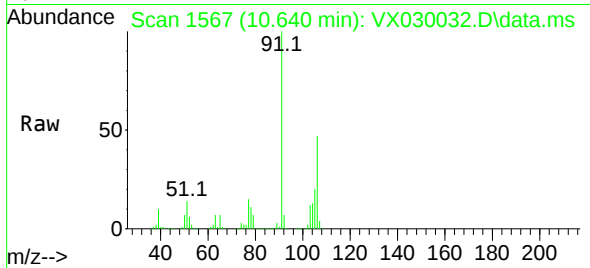
#69
o-Xylene
Concen: 52.235 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 223204
Ion Ratio Lower Upper
106 100
91 209.1 103.8 311.6

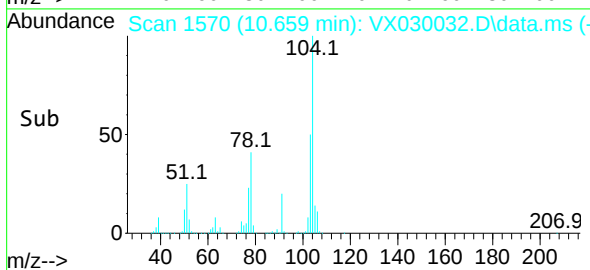
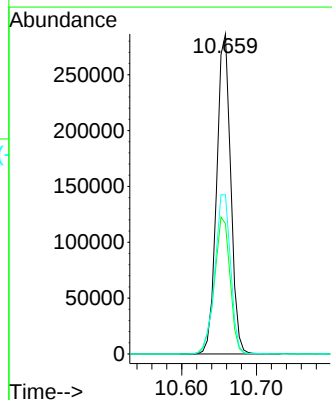
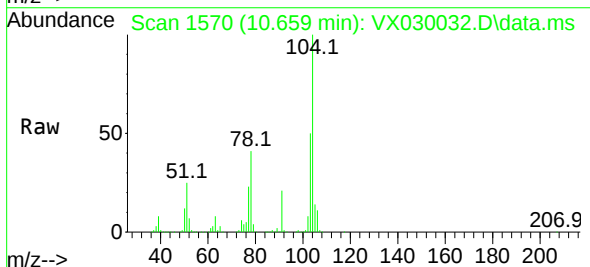
Manual Integrations
APPROVED

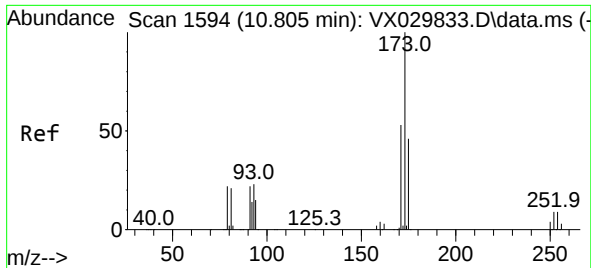
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#70
Styrene
Concen: 52.737 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.001 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

Tgt Ion:104 Resp: 374026
Ion Ratio Lower Upper
104 100
78 47.7 37.8 56.8
103 55.7 44.5 66.7





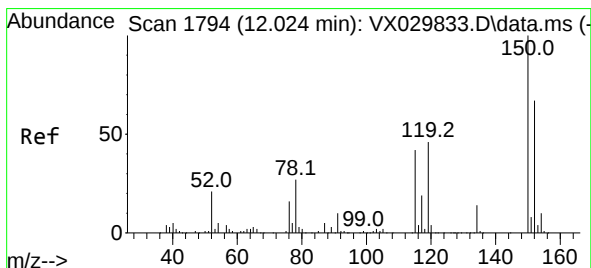
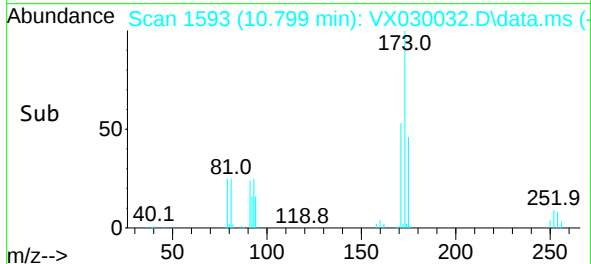
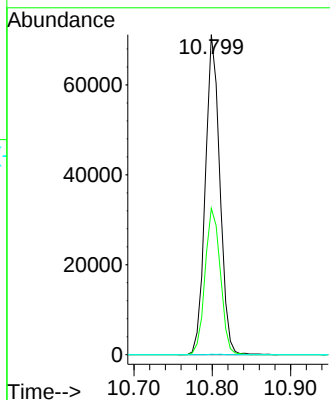
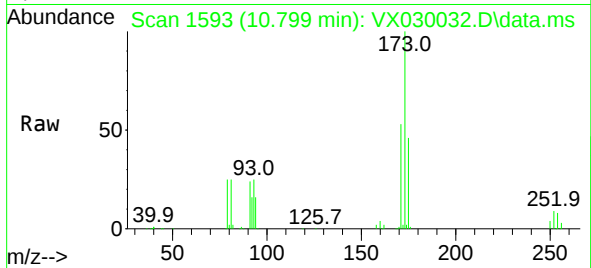
#71
Bromoform
Concen: 52.018 ug/l
RT: 10.799 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 91468
Ion Ratio Lower Upper
173 100
175 48.1 23.8 71.2
254 0.1 0.1 0.1

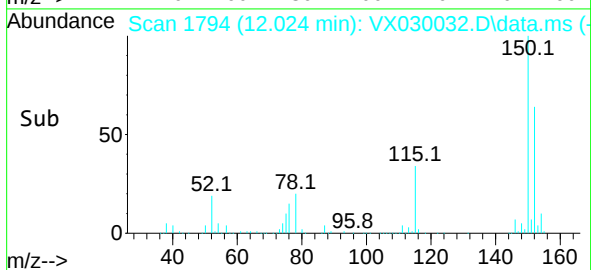
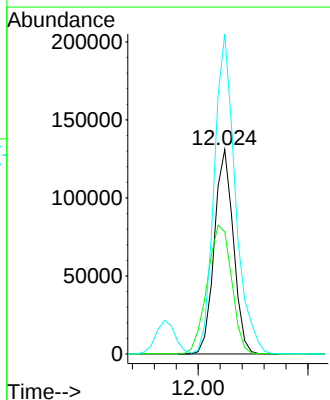
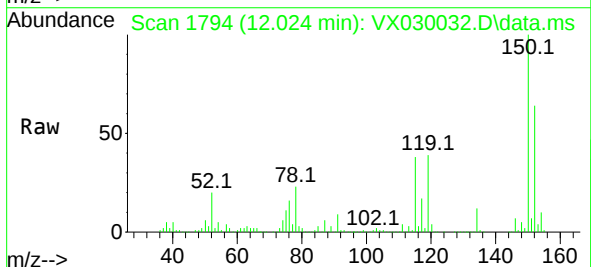
Manual Integrations
APPROVED

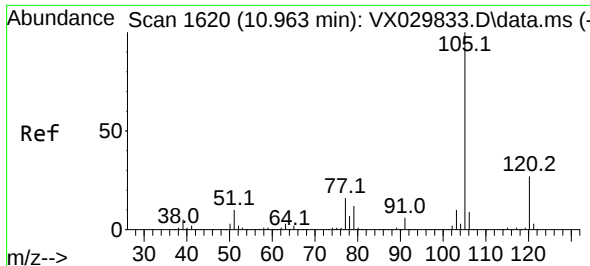
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

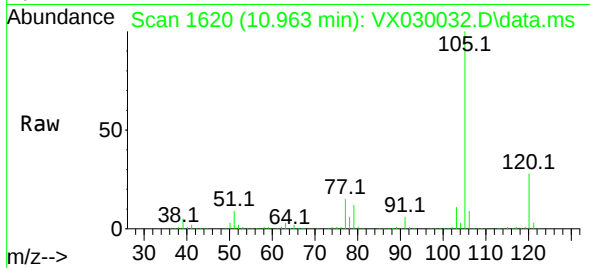
Tgt Ion:152 Resp: 158313
Ion Ratio Lower Upper
152 100
115 80.8 40.5 121.5
150 173.3 0.0 347.0





#73
Isopropylbenzene
Concen: 51.894 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

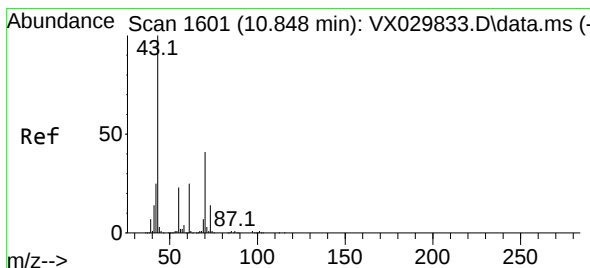
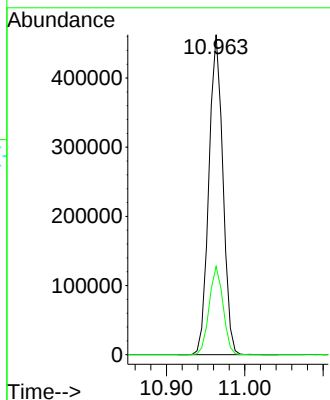
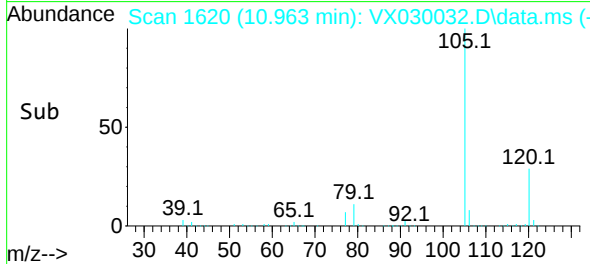
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



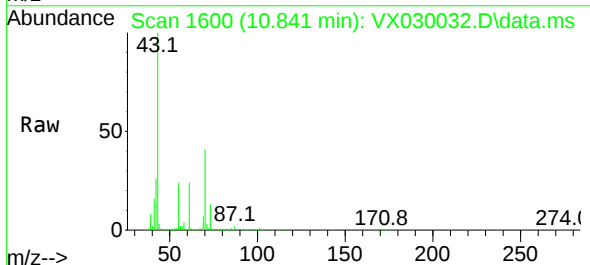
Tgt Ion:105 Resp: 57204
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

Manual Integrations
APPROVED

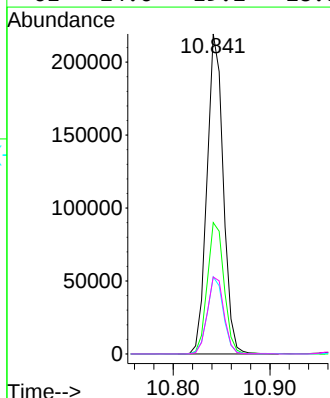
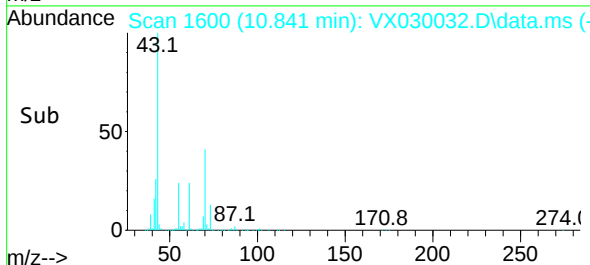
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

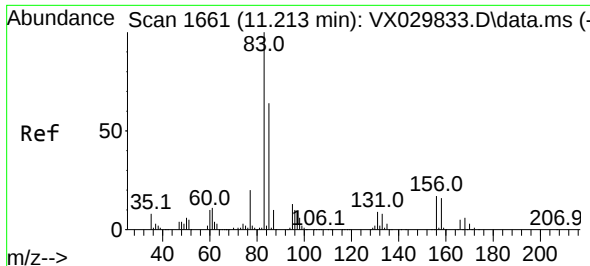


#74
N-ethyl acetate
Concen: 52.953 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.007 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



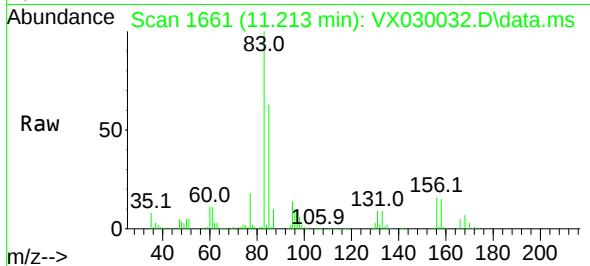
Tgt Ion: 43 Resp: 256374
Ion Ratio Lower Upper
43 100
70 42.3 32.3 48.5
55 23.9 18.4 27.6
61 24.6 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 49.392 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

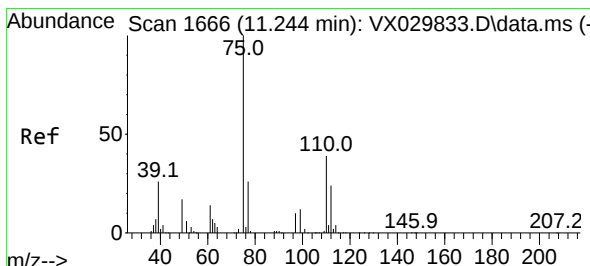
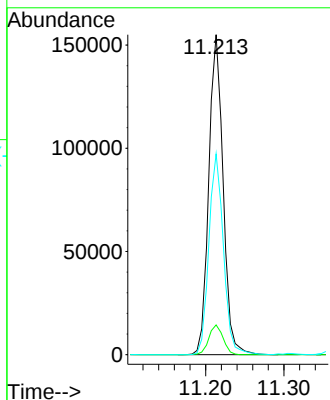
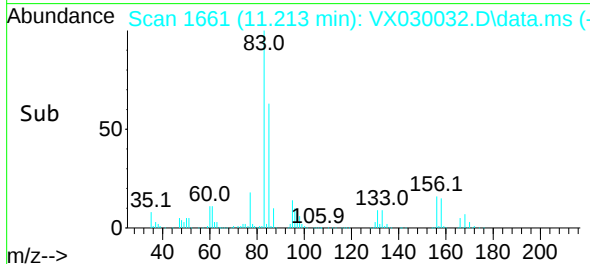
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



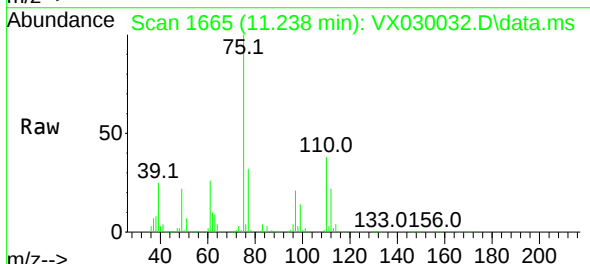
Tgt Ion: 83 Resp: 196430
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 63.9 32.5 97.5

Manual Integrations
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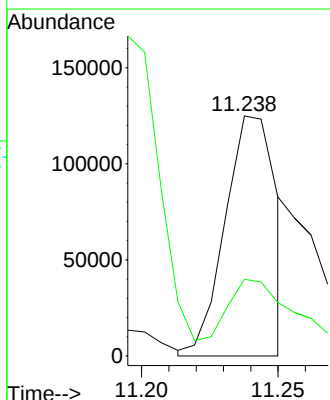
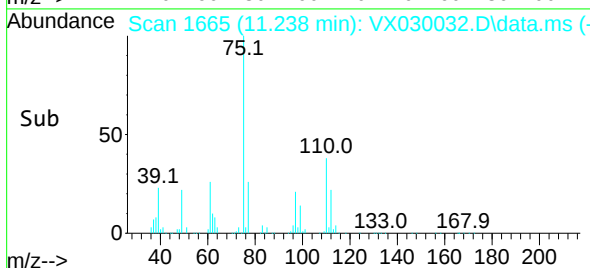
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#76
1,2,3-Trichloropropane
Concen: 44.606 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



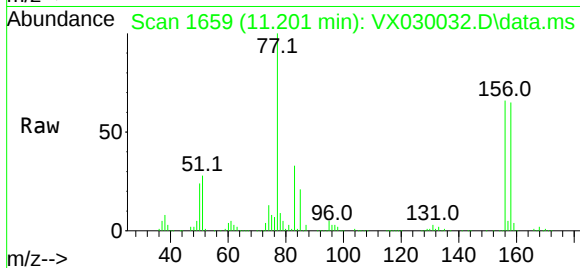
Tgt Ion: 75 Resp: 162363
Ion Ratio Lower Upper
75 100
77 45.4 19.8 59.3





#77
Bromobenzene
Concen: 49.899 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

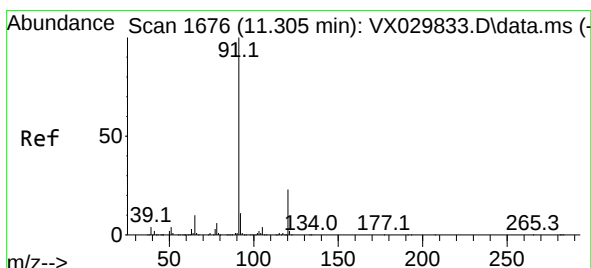
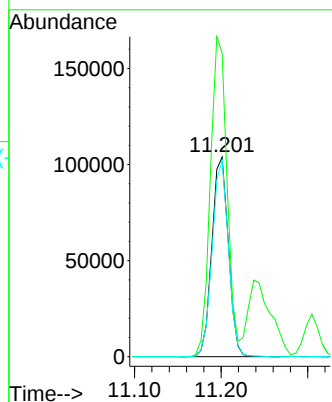
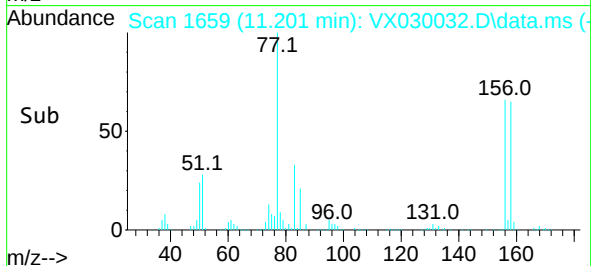
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



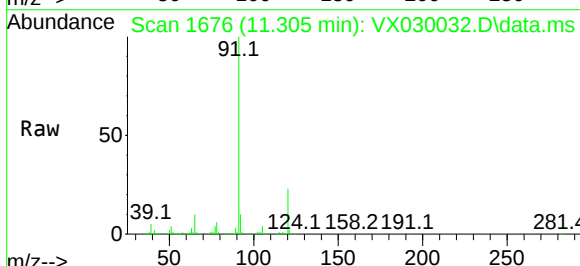
Tgt Ion:156 Resp: 137624
Ion Ratio Lower Upper
156 100
77 161.3 82.7 247.9
158 96.7 47.5 142.5

Manual Integrations
APPROVED

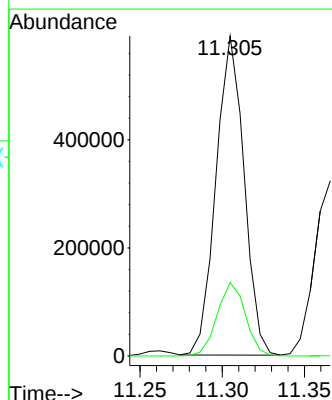
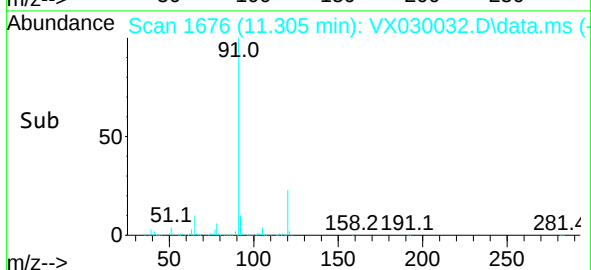
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

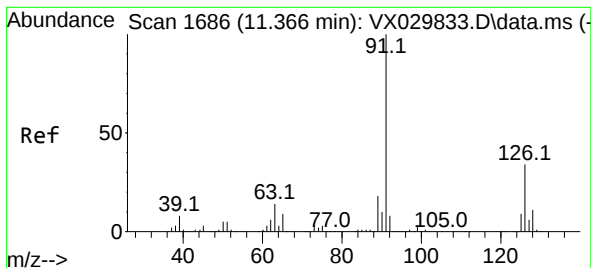


#78
n-propylbenzene
Concen: 53.529 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



Tgt Ion: 91 Resp: 700024
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





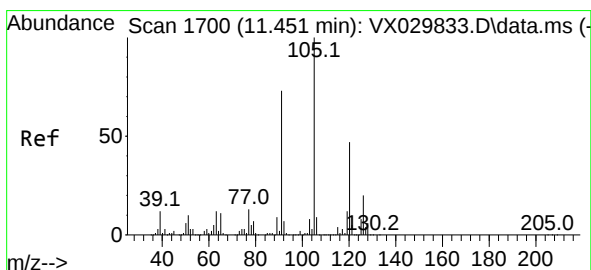
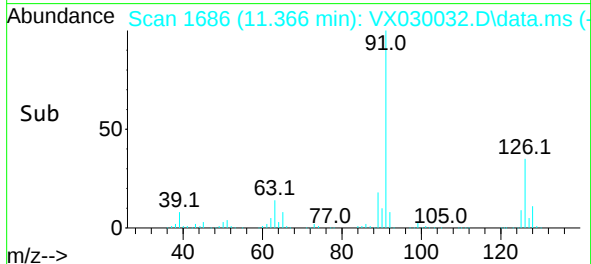
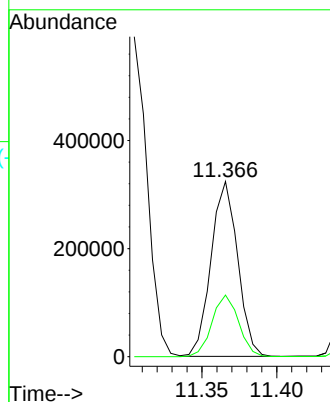
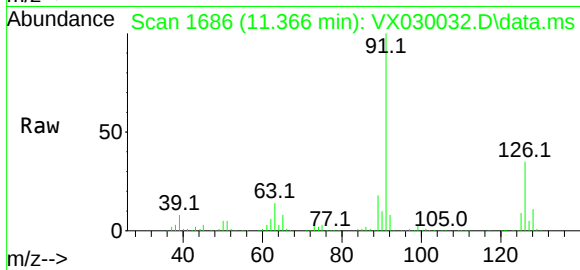
#79
2-Chlorotoluene
Concen: 51.159 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 400728
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.3

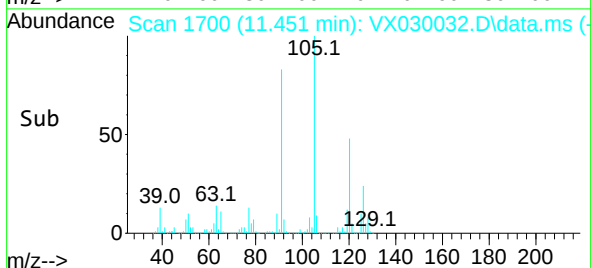
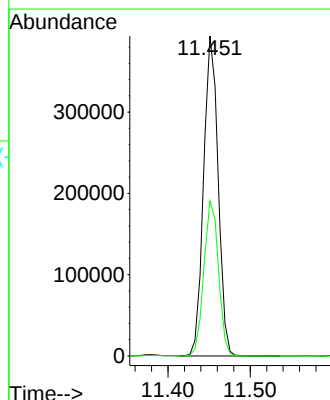
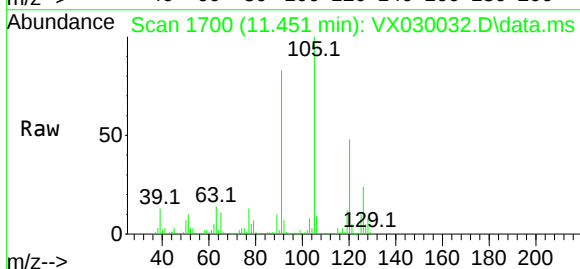
Manual Integrations
APPROVED

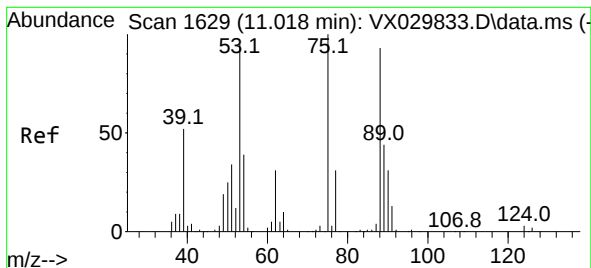
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.000 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

Tgt Ion:105 Resp: 483001
Ion Ratio Lower Upper
105 100
120 48.8 24.4 73.2





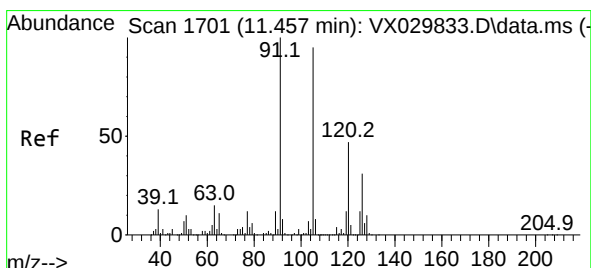
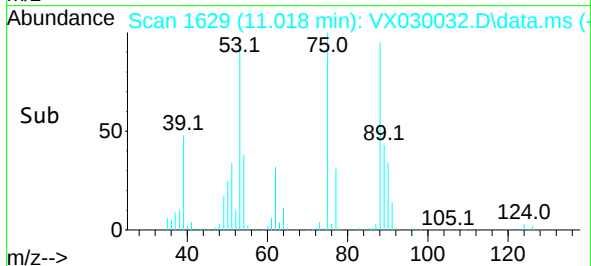
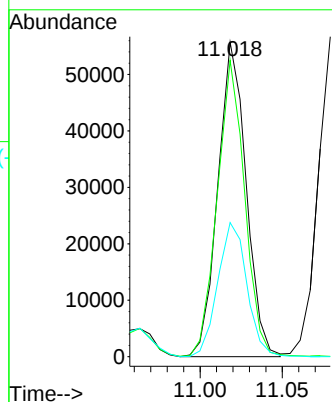
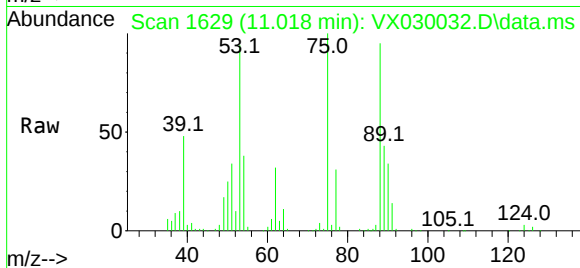
#81
trans-1,4-Dichloro-2-butene
Concen: 52.793 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 6658
Ion Ratio Lower Upper
75 100
53 91.6 74.2 111.4
89 43.9 34.8 52.2

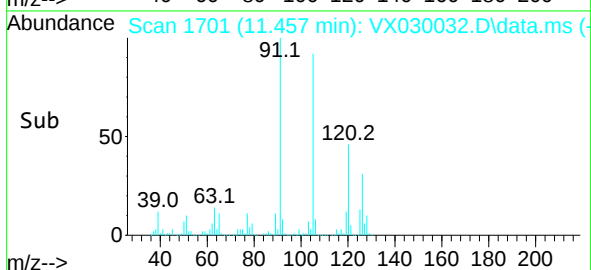
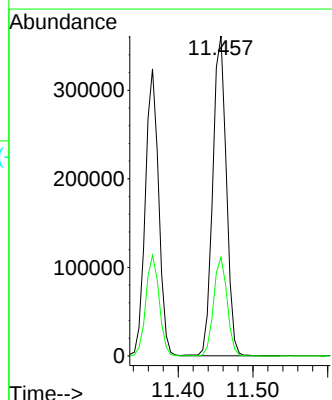
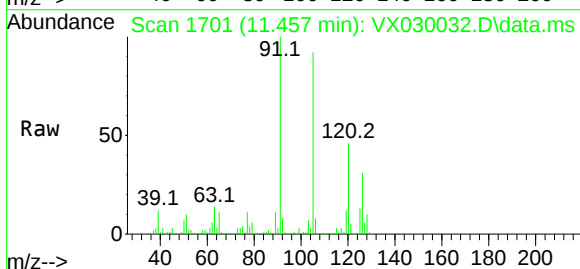
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#82
4-Chlorotoluene
Concen: 52.024 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

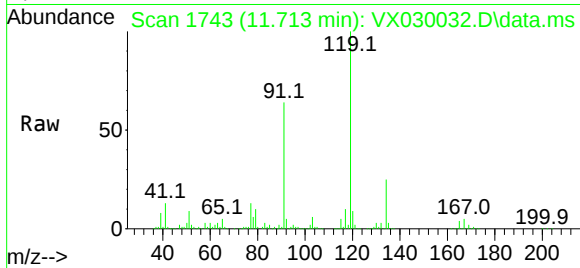
Tgt Ion: 91 Resp: 456569
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.9





#83
tert-Butylbenzene
Concen: 51.838 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

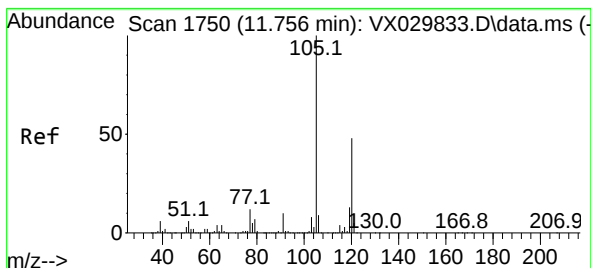
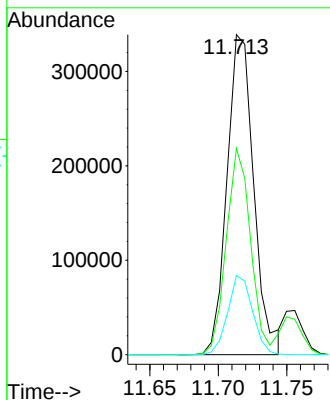
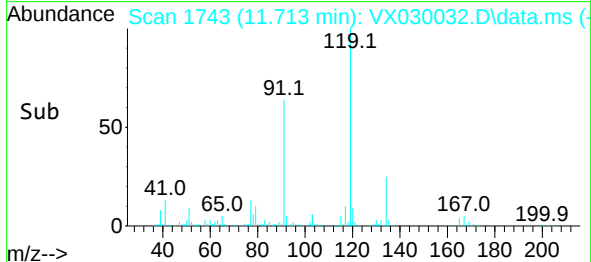
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



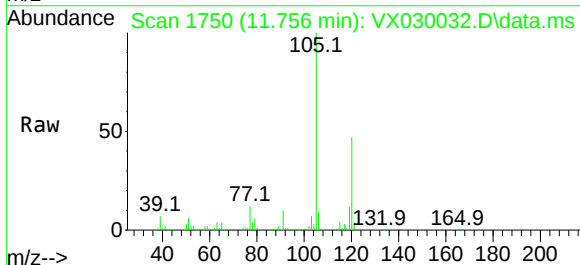
Tgt Ion:119 Resp: 461748
Ion Ratio Lower Upper
119 100
91 58.5 28.3 84.9
134 23.0 11.2 33.5

Manual Integrations
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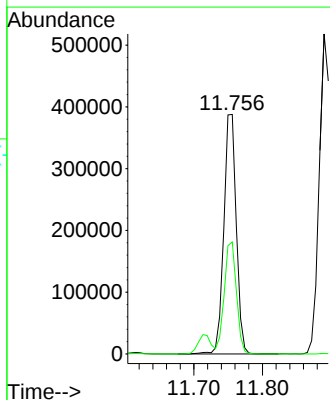
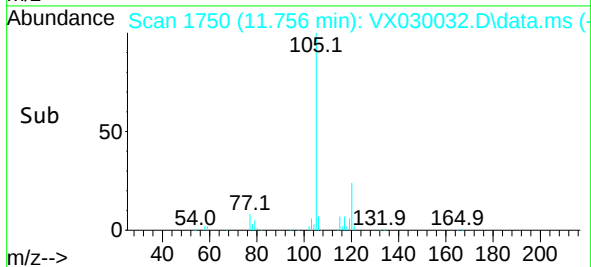
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

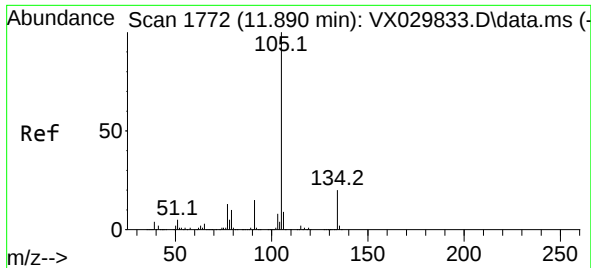


#84
1,2,4-Trimethylbenzene
Concen: 52.977 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



Tgt Ion:105 Resp: 486725
Ion Ratio Lower Upper
105 100
120 45.8 22.9 68.8





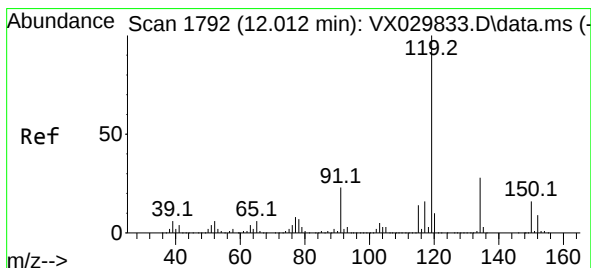
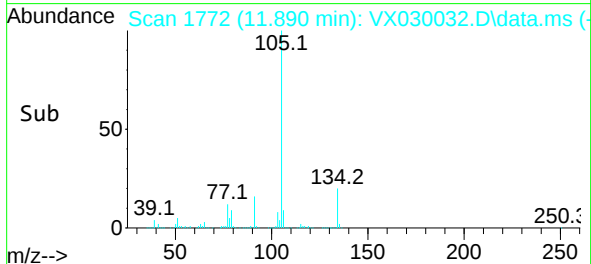
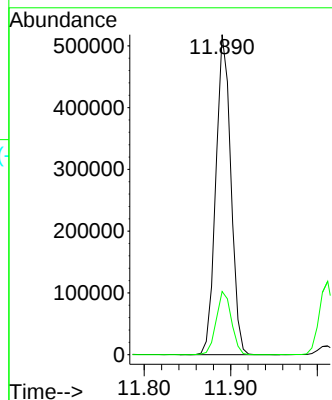
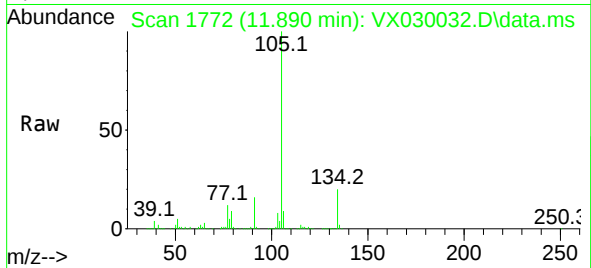
#85
 sec-Butylbenzene
 Concen: 52.944 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX030032.D
 Acq: 13 Jul 2022 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 62346
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0

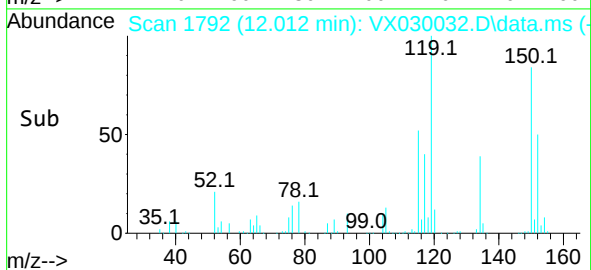
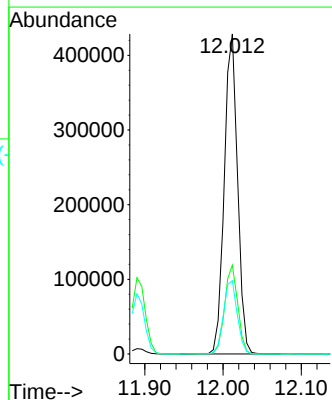
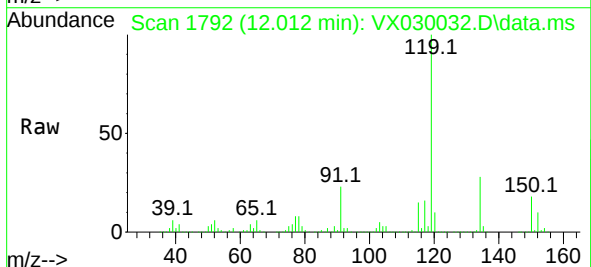
Manual Integrations
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Reviewed By :John Carlone 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022



#86
 p-Isopropyltoluene
 Concen: 53.654 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030032.D
 Acq: 13 Jul 2022 09:50

Tgt Ion:119 Resp: 506886
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.9 41.6
 91 23.8 11.8 35.3





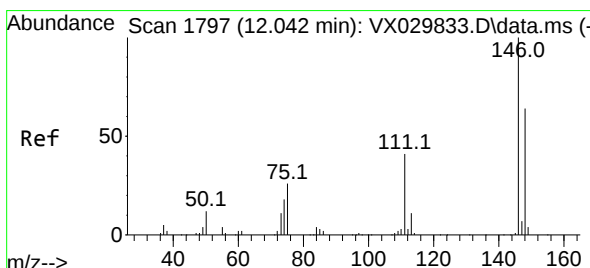
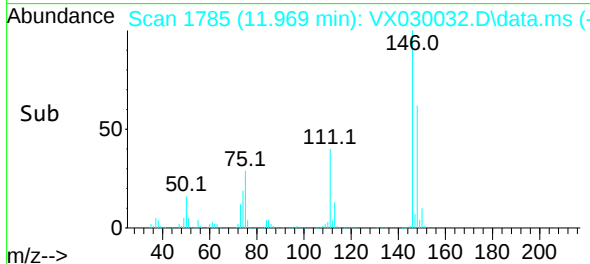
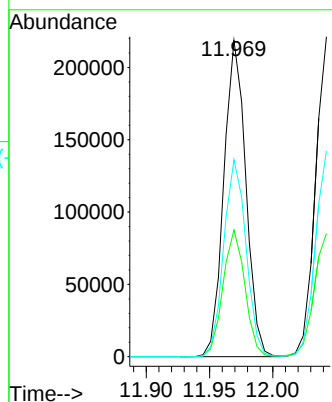
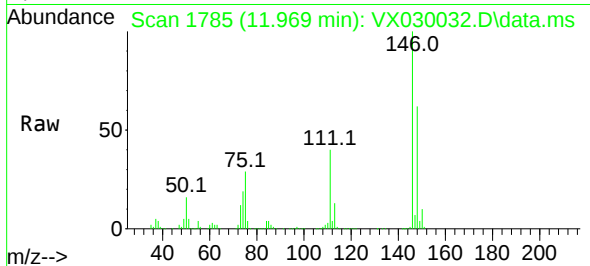
#87
1,3-Dichlorobenzene
Concen: 51.860 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 264280
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.8
148 63.2 31.8 95.3

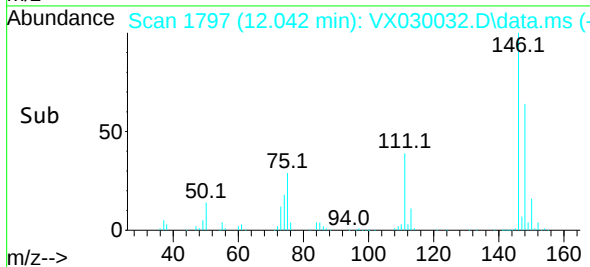
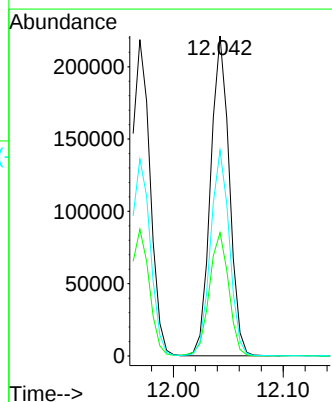
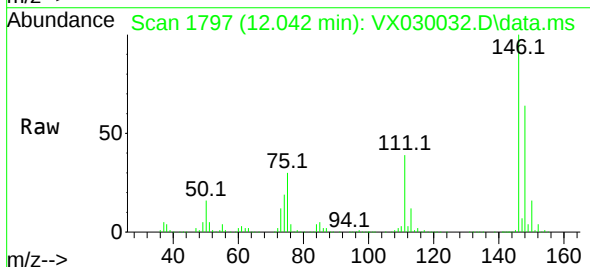
Manual Integrations
APPROVED

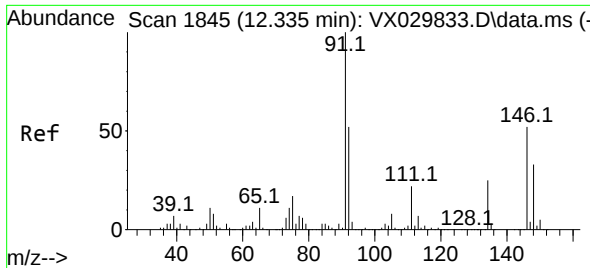
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#88
1,4-Dichlorobenzene
Concen: 50.258 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

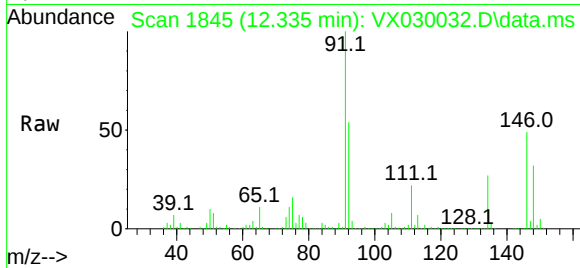
Tgt Ion:146 Resp: 262828
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 64.6 32.3 96.8





#89
n-Butylbenzene
Concen: 56.685 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

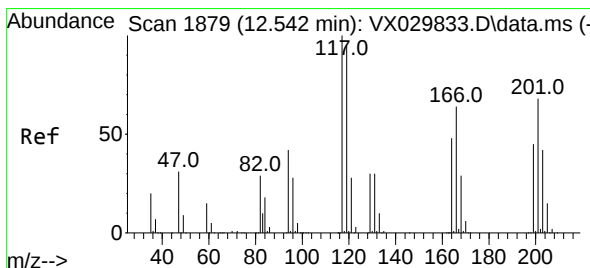
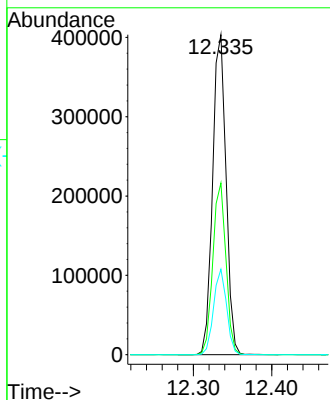
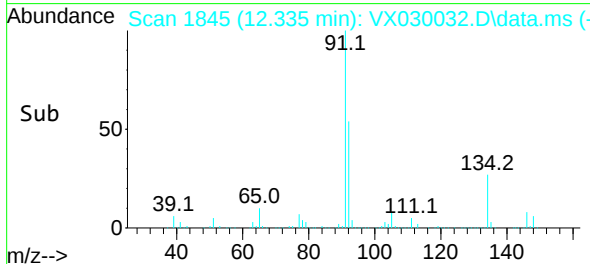
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 479809
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 25.9 12.6 37.8

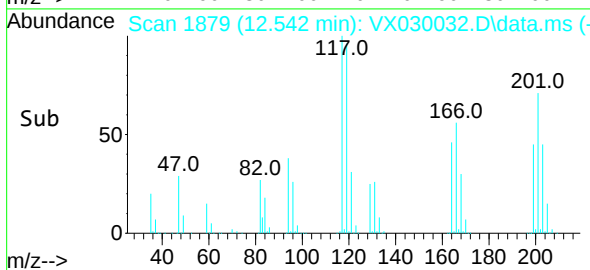
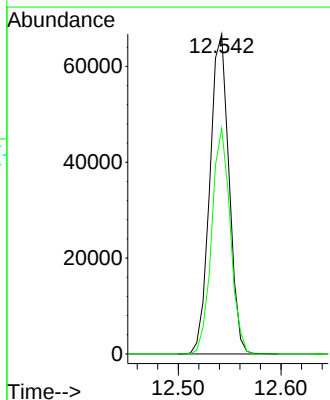
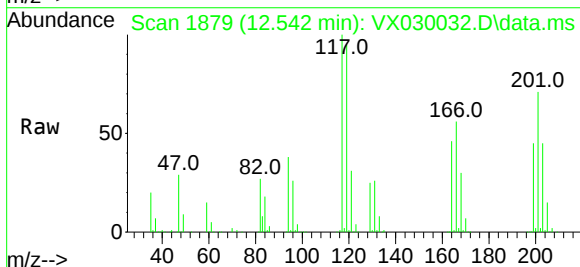
Manual Integrations
APPROVED

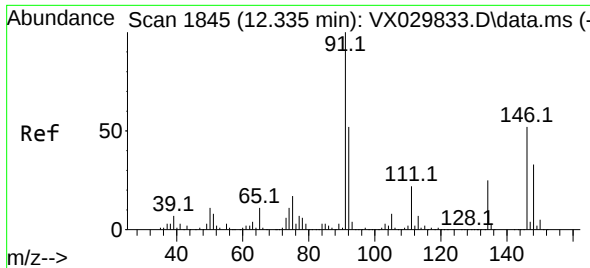
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#90
Hexachloroethane
Concen: 53.402 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

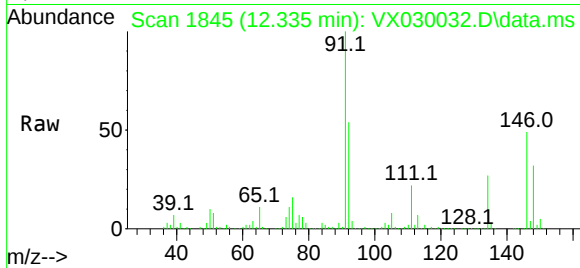
Tgt Ion:117 Resp: 86244
Ion Ratio Lower Upper
117 100
201 68.5 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 48.728 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

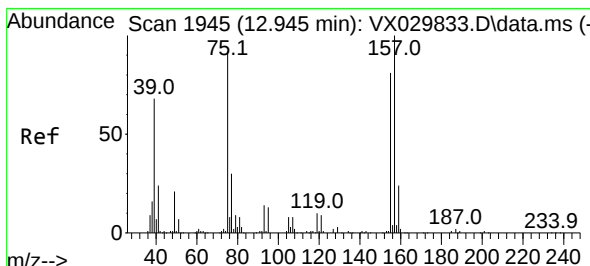
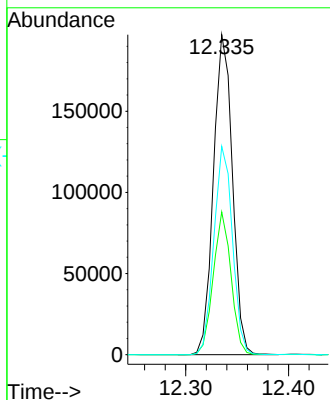
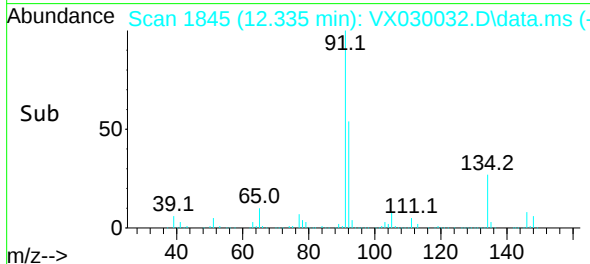
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



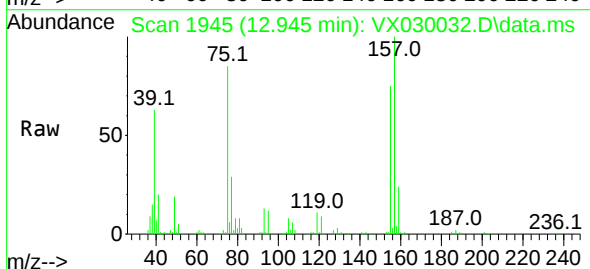
Tgt Ion:146 Resp: 252279
Ion Ratio Lower Upper
146 100
111 41.9 20.7 62.1
148 63.9 32.0 96.2

Manual Integrations
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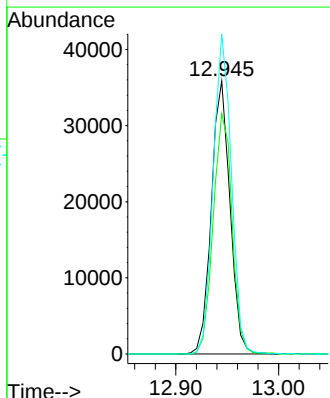
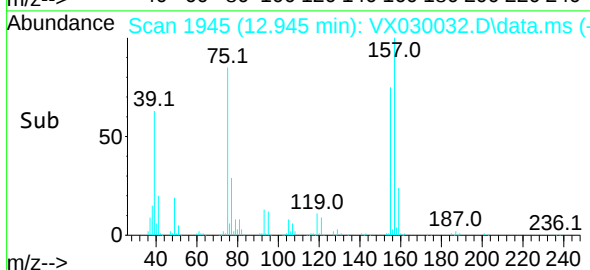
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.574 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



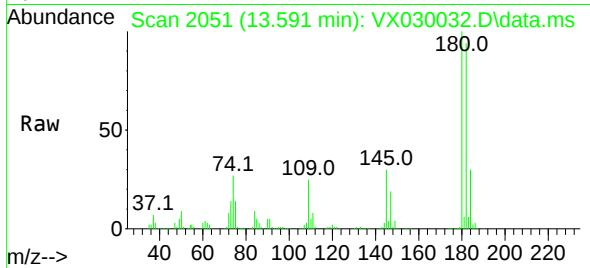
Tgt Ion: 75 Resp: 45017
Ion Ratio Lower Upper
75 100
155 89.4 45.0 134.8
157 114.4 56.9 170.7





#93
1,2,4-Trichlorobenzene
Concen: 51.637 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

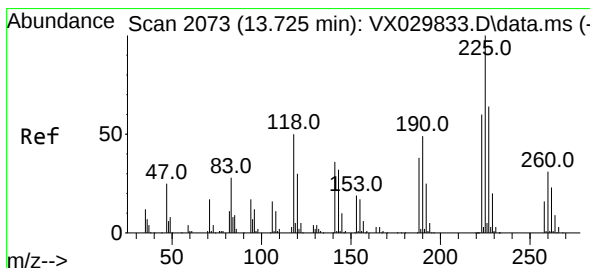
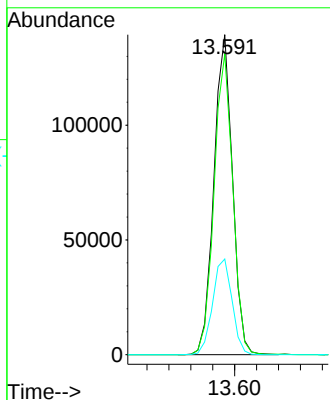
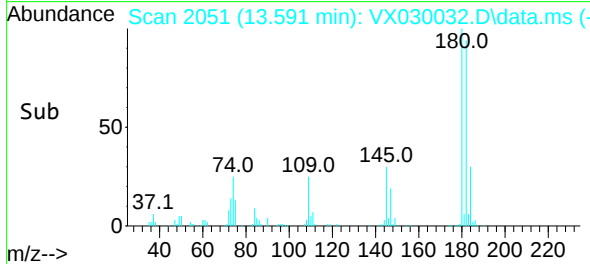
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



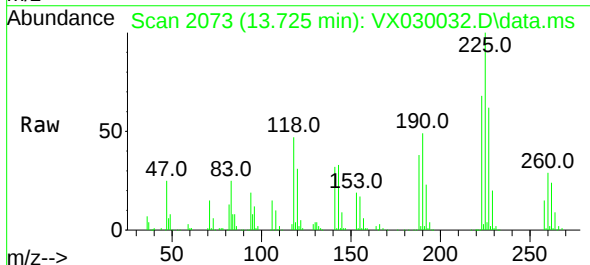
Tgt Ion:180 Resp: 164209
Ion Ratio Lower Upper
180 100
182 94.8 48.2 144.6
145 31.3 15.9 47.6

Manual Integrations
APPROVED

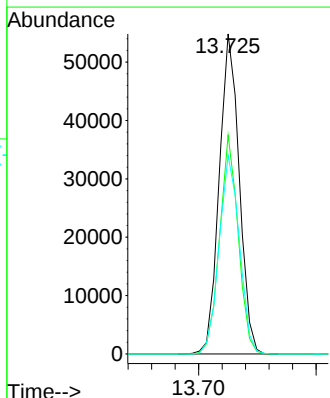
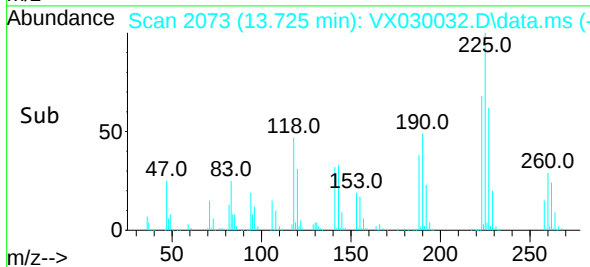
Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

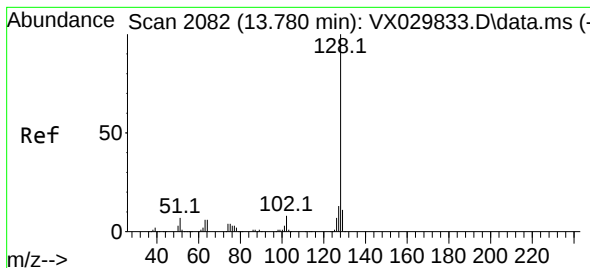


#94
Hexachlorobutadiene
Concen: 51.061 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50



Tgt Ion:225 Resp: 64827
Ion Ratio Lower Upper
225 100
223 63.6 30.6 91.6
227 63.0 31.9 95.9





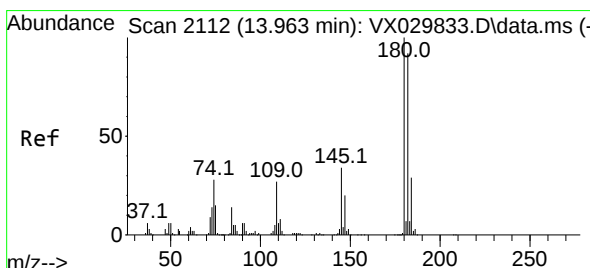
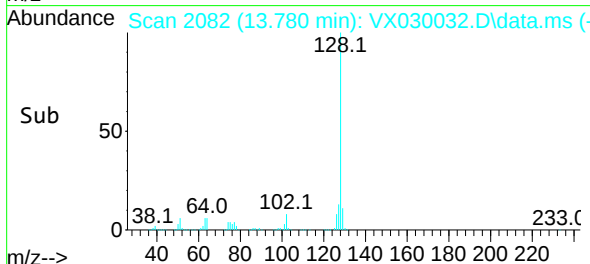
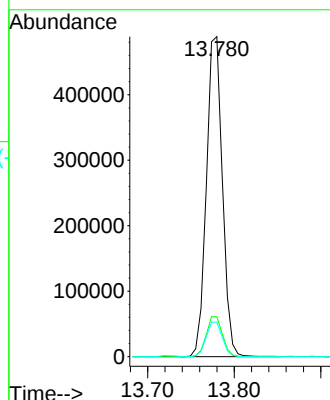
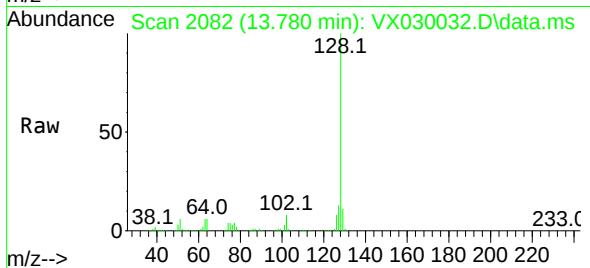
#95
Naphthalene
Concen: 49.657 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 62679
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.685 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030032.D
Acq: 13 Jul 2022 09:50

Tgt Ion:180 Resp: 163998
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.0
145 32.8 17.0 50.9

