

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030222.D
 Acq On : 27 Jul 2022 09:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 05:48:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	159262	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	262341	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159502	49.828	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.660%		
35) Dibromofluoromethane	5.385	113	124920	49.812	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.620%		
50) Toluene-d8	8.653	98	493787	50.843	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.680%		
62) 4-Bromofluorobenzene	11.079	95	188524	52.304	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	137841	52.745	ug/l	99
3) Chloromethane	1.288	50	123737	47.881	ug/l	99
4) Vinyl Chloride	1.374	62	129005	49.459	ug/l	99
5) Bromomethane	1.605	94	44536	48.511	ug/l	95
6) Chloroethane	1.679	64	75136	50.170	ug/l	95
7) Trichlorofluoromethane	1.886	101	179327	52.184	ug/l	97
8) Diethyl Ether	2.136	74	66979	49.773	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	128553	50.506	ug/l	98
10) Methyl Iodide	2.453	142	130832	52.659	ug/l	95
11) Tert butyl alcohol	2.977	59	190433	243.885	ug/l	99
12) 1,1-Dichloroethene	2.319	96	123151	49.499	ug/l	90
13) Acrolein	2.239	56	54048	281.620	ug/l	100
14) Allyl chloride	2.660	41	254870	49.644	ug/l	97
15) Acrylonitrile	3.062	53	461034	238.927	ug/l	98
16) Acetone	2.386	43	417584	254.801	ug/l	94
17) Carbon Disulfide	2.508	76	319332	47.549	ug/l	98
18) Methyl Acetate	2.703	43	230284	47.506	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	426014	49.989	ug/l	99
20) Methylene Chloride	2.788	84	142545	50.784	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	132138	48.119	ug/l	92
22) Diisopropyl ether	3.764	45	506713	52.165	ug/l	89
23) Vinyl Acetate	3.721	43	2208134	262.059	ug/l	97
24) 1,1-Dichloroethane	3.611	63	253372	49.088	ug/l	98
25) 2-Butanone	4.562	43	684676	248.612	ug/l	94
26) 2,2-Dichloropropane	4.477	77	197162	52.825	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	156863	48.576	ug/l	93
28) Bromochloromethane	4.897	49	117457	53.864	ug/l	91
29) Tetrahydrofuran	5.007	42	448491	242.036	ug/l	93
30) Chloroform	5.093	83	251528	49.217	ug/l	96
31) Cyclohexane	5.471	56	236561	50.899	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	208047	50.082	ug/l	99
36) 1,1-Dichloropropene	5.690	75	187868	52.054	ug/l	97
37) Ethyl Acetate	4.715	43	253994	49.697	ug/l	97
38) Carbon Tetrachloride	5.678	117	177588	52.708	ug/l	98
39) Methylcyclohexane	7.379	83	239982	51.515	ug/l	93
40) Benzene	6.037	78	570421	50.234	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	141622	51.694	ug/l	95
42) 1,2-Dichloroethane	6.086	62	196280	50.024	ug/l	97
43) Isopropyl Acetate	6.342	43	389299	51.960	ug/l	97
44) Trichloroethene	7.129	130	148701	47.926	ug/l	96
45) 1,2-Dichloropropane	7.434	63	153434	50.662	ug/l	97
46) Dibromomethane	7.580	93	100250	48.674	ug/l	98
47) Bromodichloromethane	7.824	83	194666	51.992	ug/l	98
48) Methyl methacrylate	7.696	41	193365	52.435	ug/l	95
49) 1,4-Dioxane	7.671	88	78501	921.655	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1295356	254.670	ug/l	97
52) Toluene	8.720	92	348891	50.360	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	216238	53.577	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	236235	53.712	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	144323	48.928	ug/l	96
56) Ethyl methacrylate	9.116	69	243619	52.245	ug/l	94
57) 1,3-Dichloropropane	9.311	76	244971	50.312	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	648034	280.022	ug/l	96
59) 2-Hexanone	9.433	43	1030843	256.883	ug/l	95
60) Dibromochloromethane	9.525	129	143128	52.417	ug/l	99
61) 1,2-Dibromoethane	9.610	107	151936	49.330	ug/l	100
64) Tetrachloroethene	9.275	164	145413	48.972	ug/l	95
65) Chlorobenzene	10.079	112	369602	49.332	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	131424	51.601	ug/l	98
67) Ethyl Benzene	10.195	91	684953	48.504	ug/l	99
68) m/p-Xylenes	10.305	106	520421	102.537	ug/l	95
69) o-Xylene	10.646	106	253895	50.756	ug/l	93
70) Styrene	10.659	104	429934	52.313	ug/l	97
71) Bromoform	10.799	173	101386	54.147	ug/l #	99
73) Isopropylbenzene	10.963	105	670308	49.109	ug/l	98
74) N-amyl acetate	10.842	43	337058	50.809	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	230262	46.090	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	232803m	50.513	ug/l	
77) Bromobenzene	11.201	156	152578	47.626	ug/l	94
78) n-propylbenzene	11.305	91	835016	51.256	ug/l	97
79) 2-Chlorotoluene	11.366	91	484806	47.125	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	573338	50.164	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	78822	51.307	ug/l	96
82) 4-Chlorotoluene	11.457	91	560597	49.875	ug/l	96
83) tert-Butylbenzene	11.719	119	527498	49.795	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	576105	50.525	ug/l	98
85) sec-Butylbenzene	11.890	105	744211	51.327	ug/l	98
86) p-Isopropyltoluene	12.012	119	600611	51.776	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	301476	48.387	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	301378	47.517	ug/l	99
89) n-Butylbenzene	12.335	91	613406	56.797	ug/l	98
90) Hexachloroethane	12.542	117	104170	52.156	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	306375	50.098	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62446	52.115	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	192286	54.219	ug/l	96
94) Hexachlorobutadiene	13.725	225	75016	52.680	ug/l	97
95) Naphthalene	13.774	128	757596	54.689	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	194260	53.410	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 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

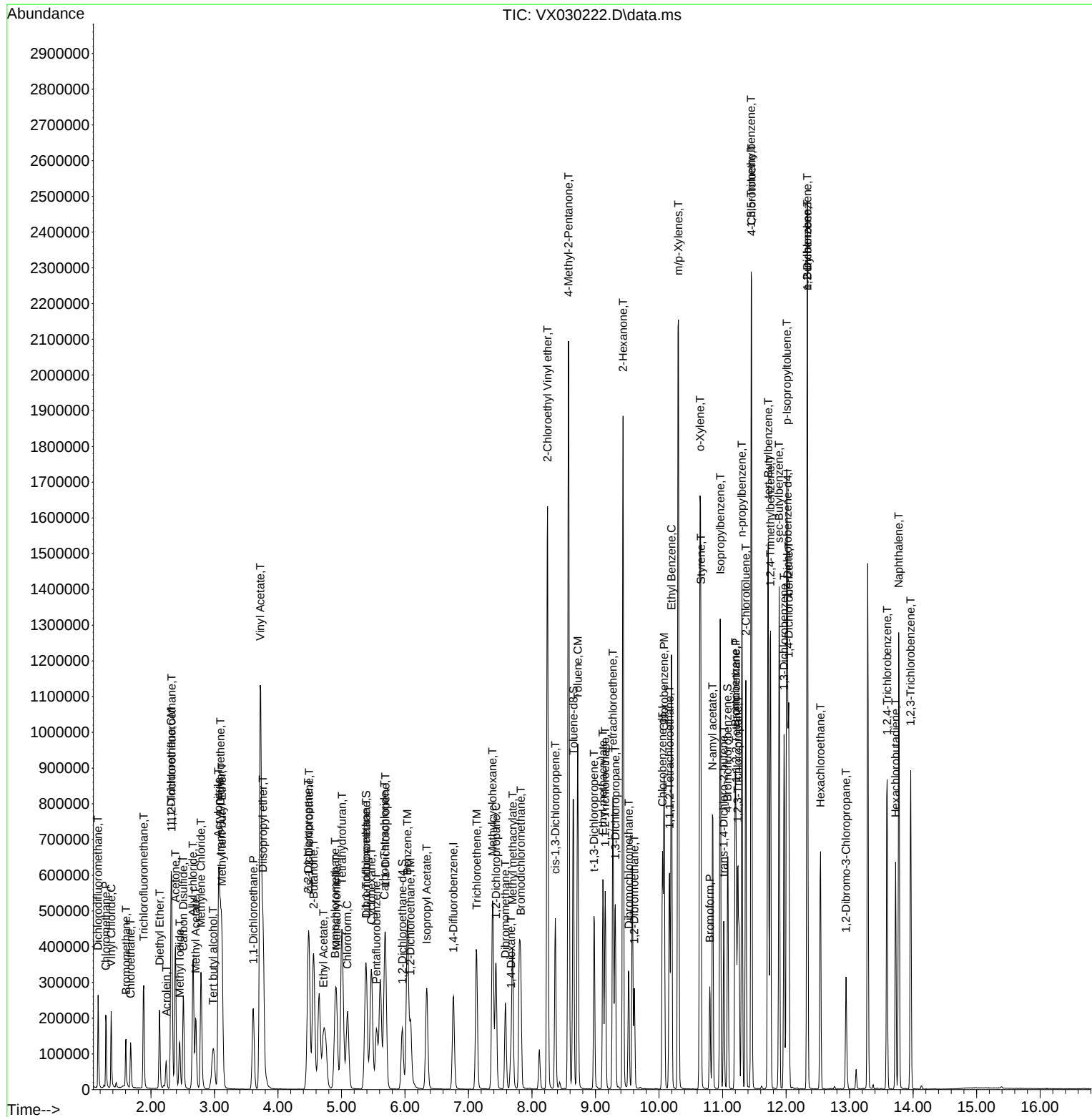
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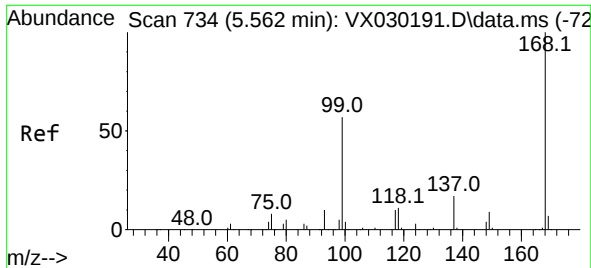
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Manual Integrations APPROVED

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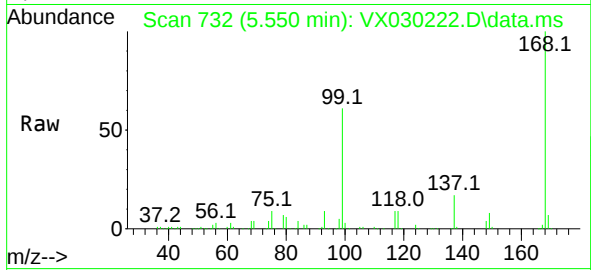
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

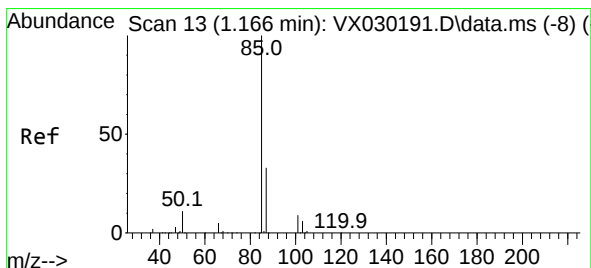
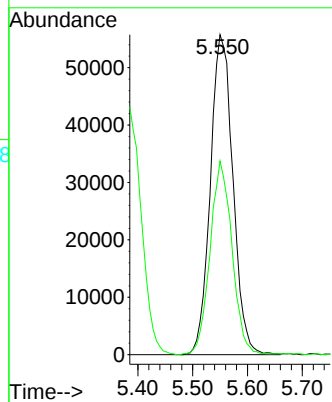
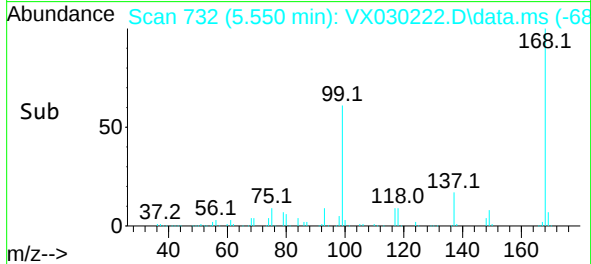
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 15926
Ion Ratio Lower Upper
168 100
99 60.5 44.0 66.0

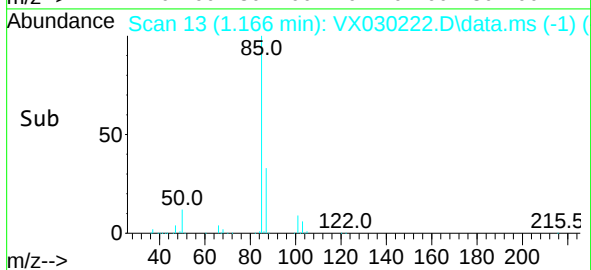
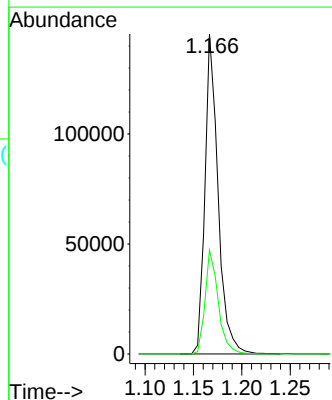
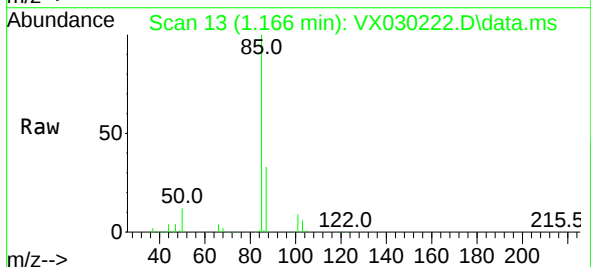
Manual Integrations
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Supervised By :Mahesh Dadoda 07/28/2022



#2
Dichlorodifluoromethane
Concen: 52.745 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

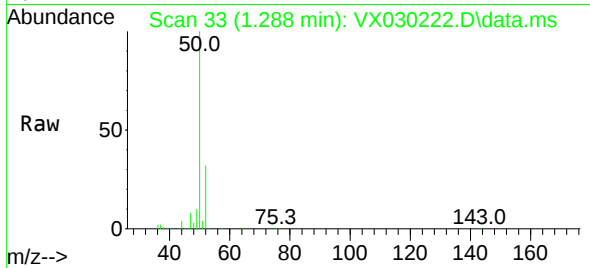
Tgt Ion: 85 Resp: 137841
Ion Ratio Lower Upper
85 100
87 32.5 16.5 49.5





#3
Chloromethane
Concen: 47.881 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

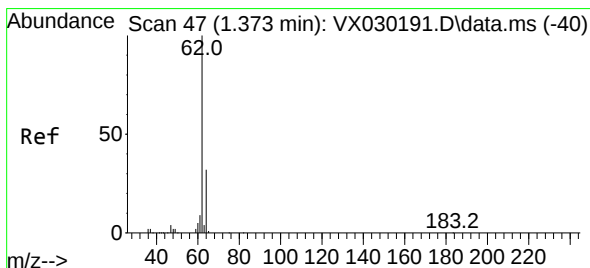
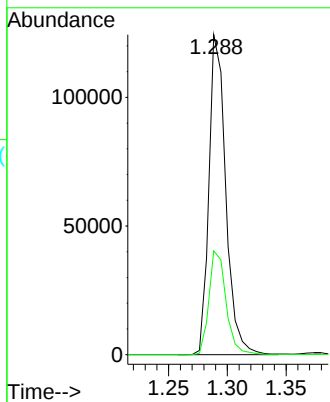
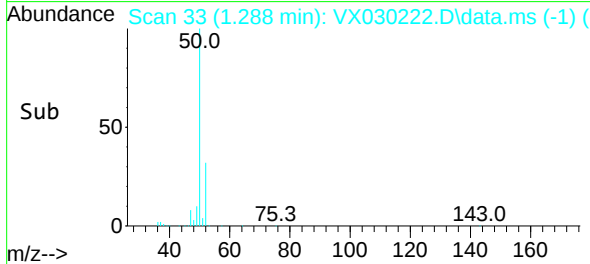
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 12373
Ion Ratio Lower Upper
50 100
52 32.5 26.3 39.5

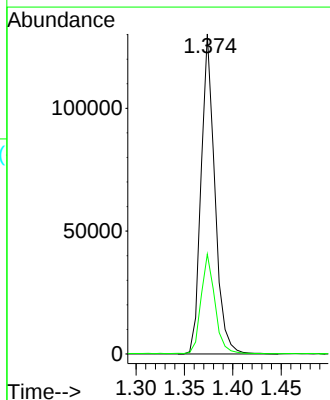
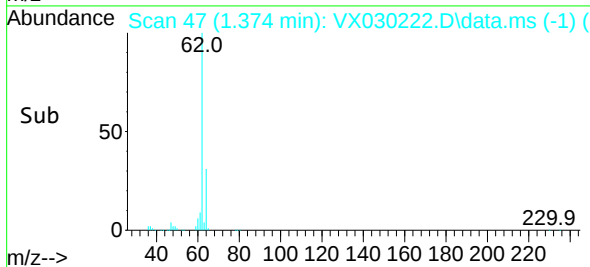
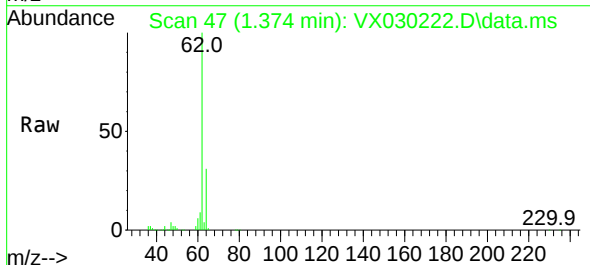
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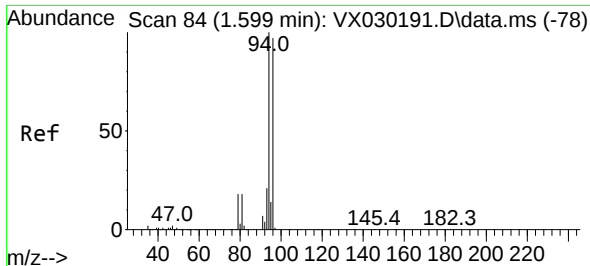
Reviewed By :John Carlone 07/28/2022
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#4
Vinyl Chloride
Concen: 49.459 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

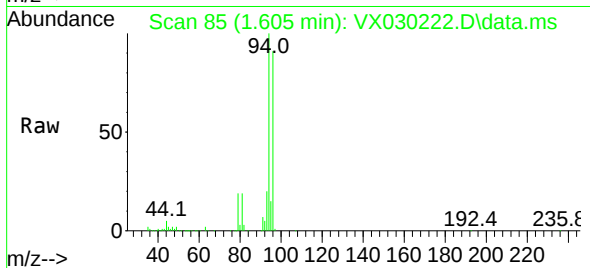
Tgt Ion: 62 Resp: 129005
Ion Ratio Lower Upper
62 100
64 31.1 25.2 37.8





#5
Bromomethane
Concen: 48.511 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

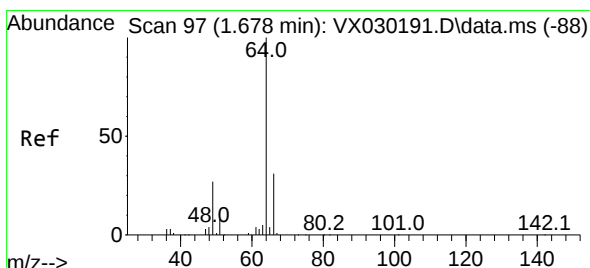
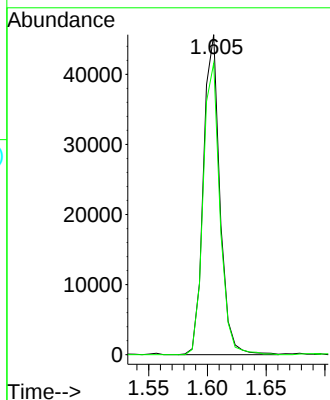
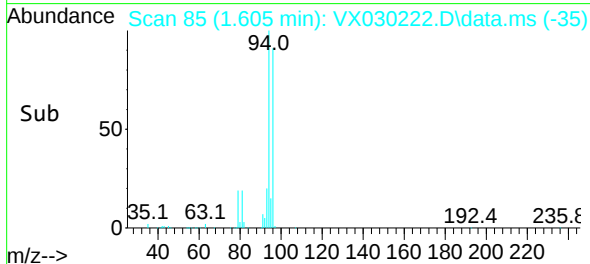
Instrument :
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Tgt Ion: 94 Resp: 44536
Ion Ratio Lower Upper
94 100
96 91.1 76.9 115.3

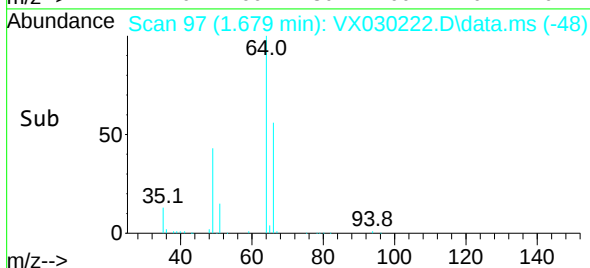
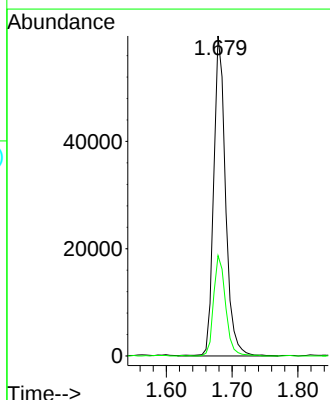
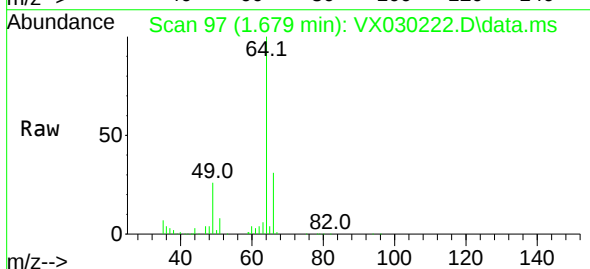
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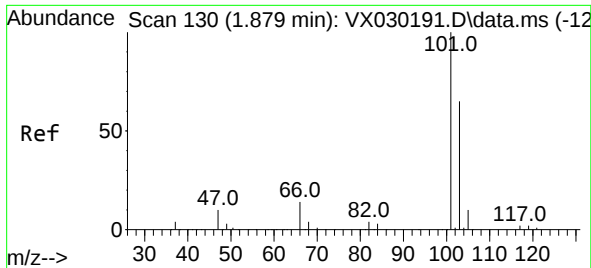
Reviewed By :John Carlone 07/28/2022
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#6
Chloroethane
Concen: 50.170 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

Tgt Ion: 64 Resp: 75136
Ion Ratio Lower Upper
64 100
66 31.4 27.2 40.8





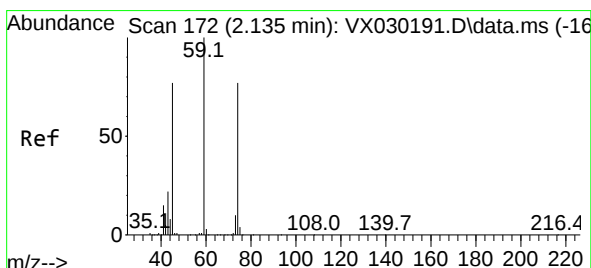
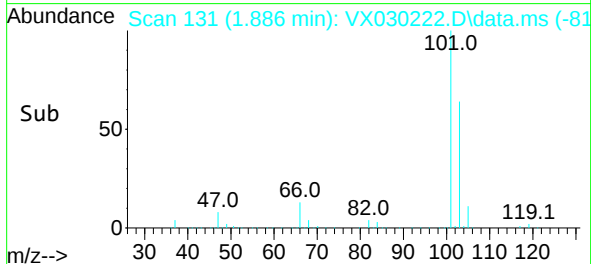
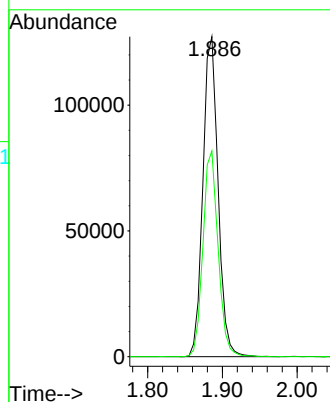
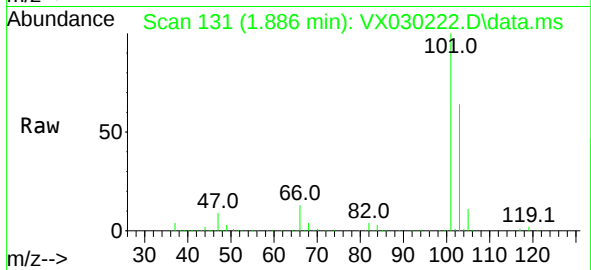
#7
Trichlorofluoromethane
Concen: 52.184 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 17932
Ion Ratio Lower Upper
101 100
103 64.3 49.7 74.5

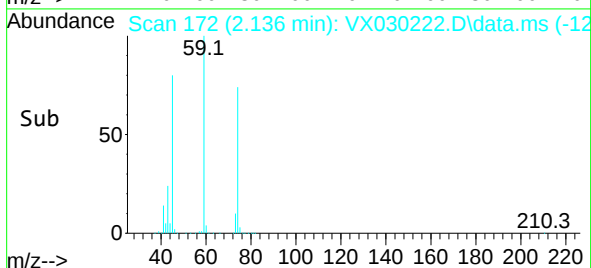
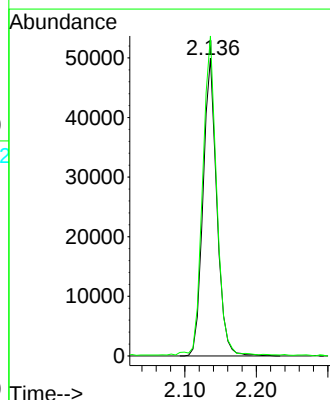
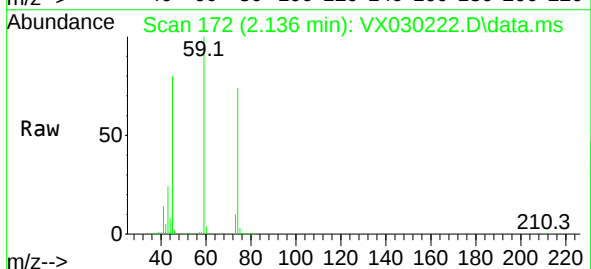
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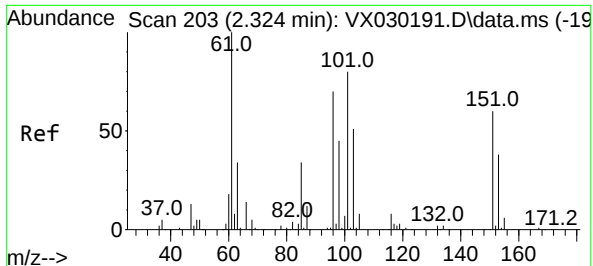
Reviewed By :John Carlone 07/28/2022
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#8
Diethyl Ether
Concen: 49.773 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

Tgt Ion: 74 Resp: 66979
Ion Ratio Lower Upper
74 100
45 108.1 51.5 154.7





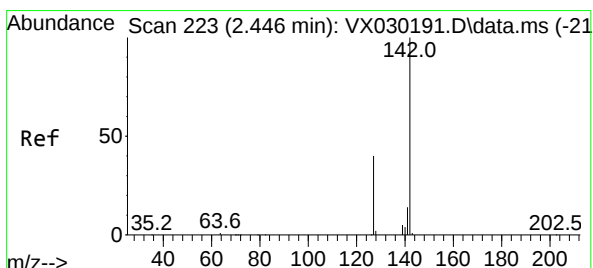
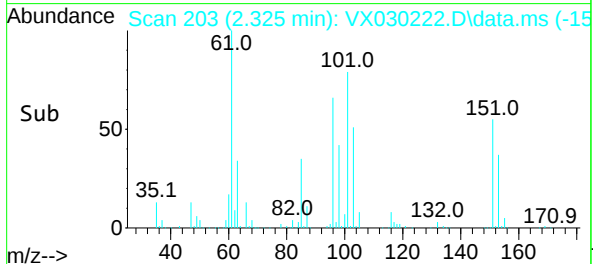
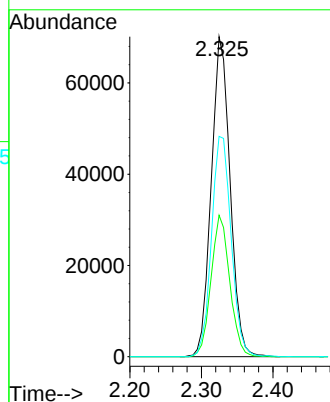
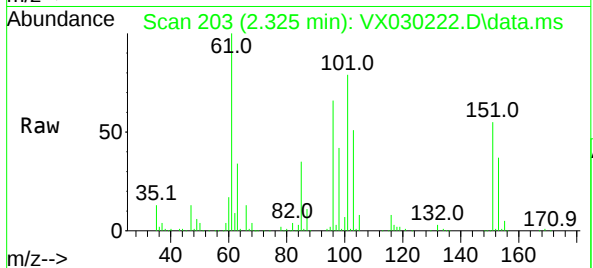
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.506 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12855
Ion Ratio Lower Upper
101 100
85 43.9 34.0 51.0
151 72.0 59.4 89.0

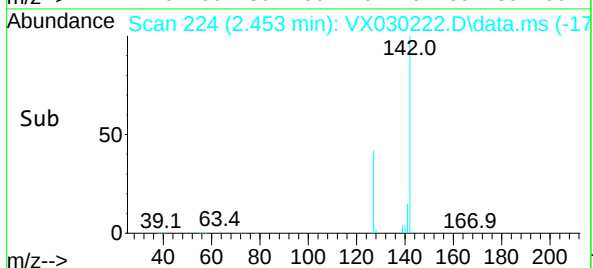
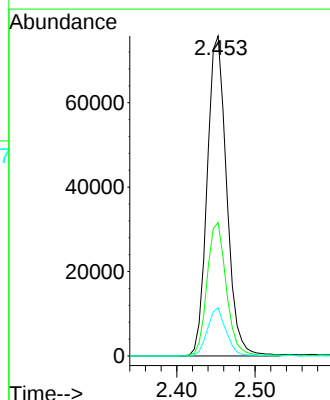
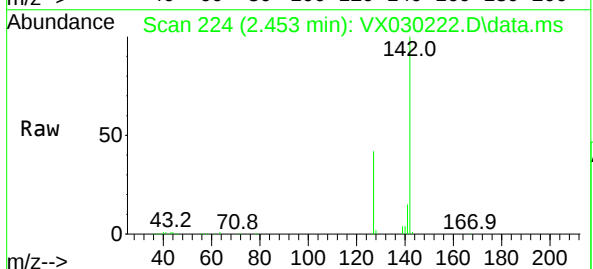
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#10
Methyl Iodide
Concen: 52.659 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.007 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

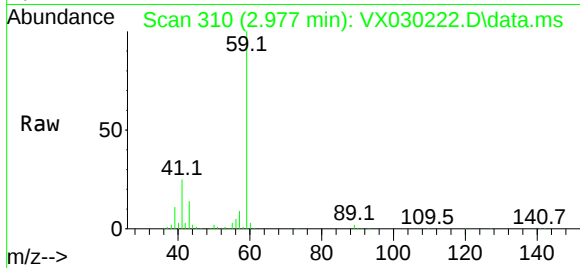
Tgt Ion:142 Resp: 130832
Ion Ratio Lower Upper
142 100
127 41.4 30.2 45.2
141 14.4 11.3 16.9





#11
Tert butyl alcohol
Concen: 243.885 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

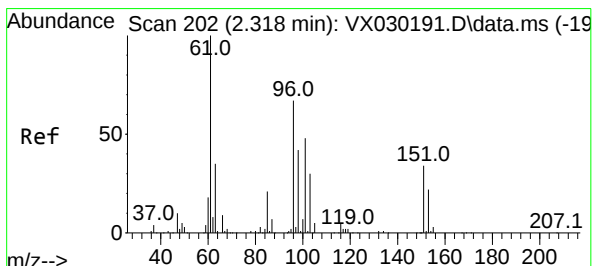
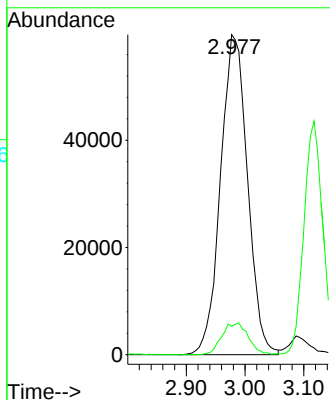
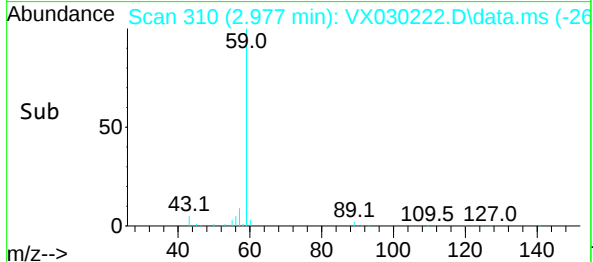
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



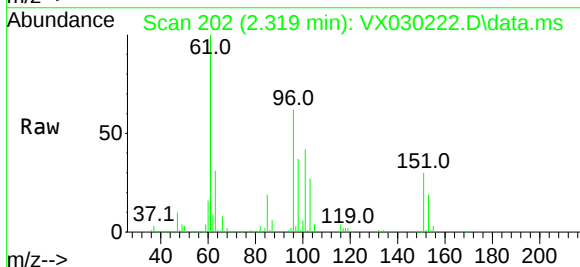
Tgt Ion: 59 Resp: 19043
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.2

Manual Integrations
APPROVED

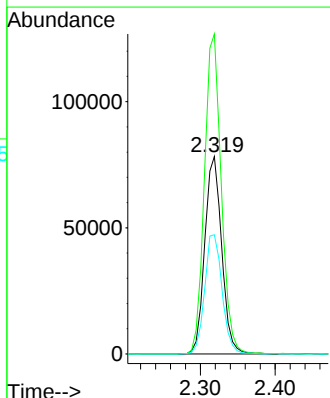
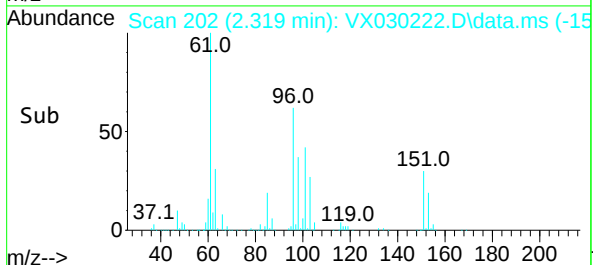
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#12
1,1-Dichloroethene
Concen: 49.499 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



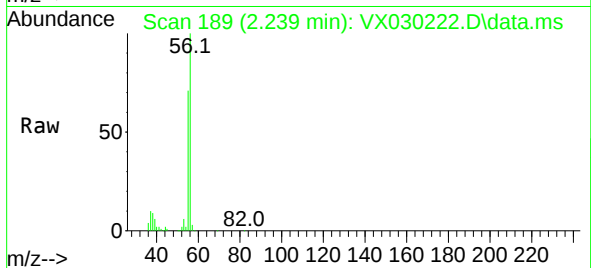
Tgt Ion: 96 Resp: 123151
Ion Ratio Lower Upper
96 100
61 162.1 117.4 176.0
98 60.3 52.2 78.4





#13
Acrolein
Concen: 281.620 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

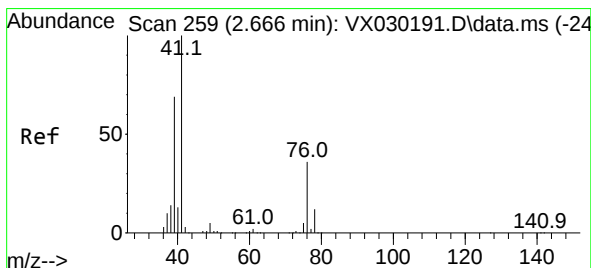
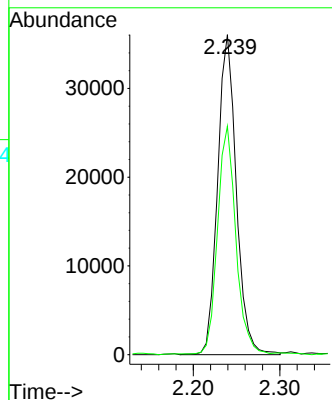
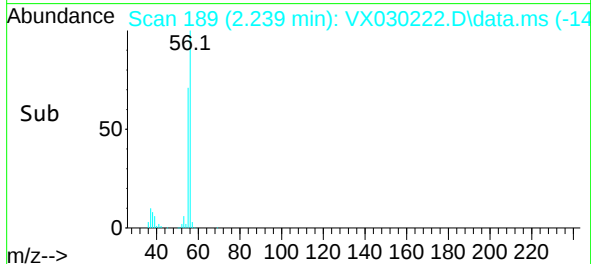
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



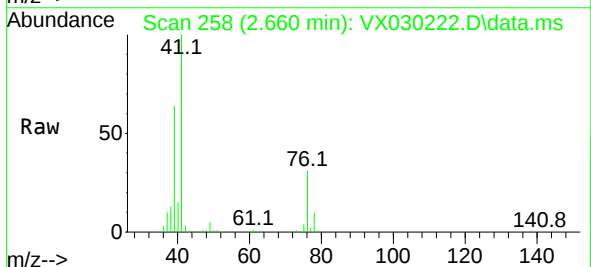
Tgt Ion: 56 Resp: 54048
Ion Ratio Lower Upper
56 100
55 70.8 56.6 84.8

Manual Integrations
APPROVED

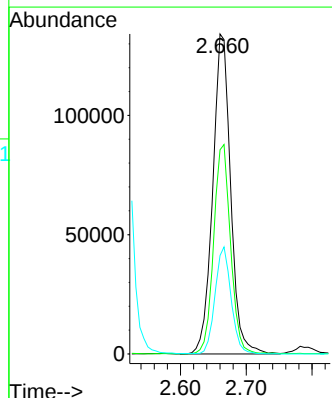
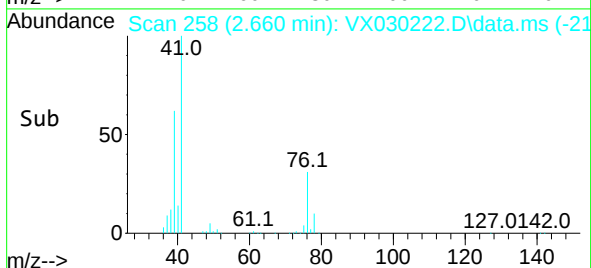
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

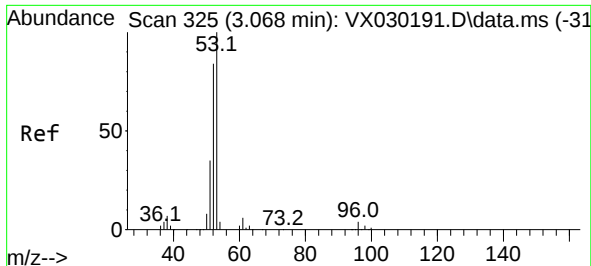


#14
Allyl chloride
Concen: 49.644 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



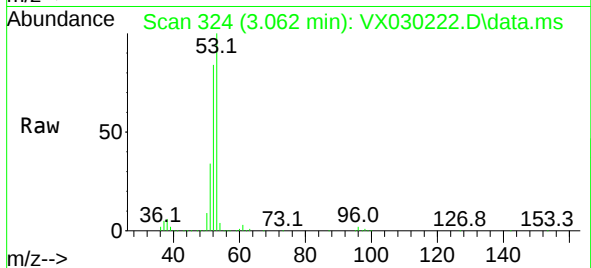
Tgt Ion: 41 Resp: 254870
Ion Ratio Lower Upper
41 100
39 61.6 48.9 73.3
76 30.0 26.9 40.3





#15
Acrylonitrile
Concen: 238.927 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

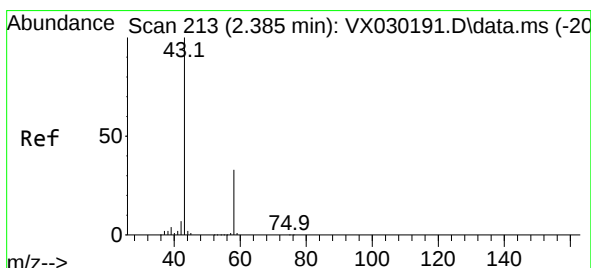
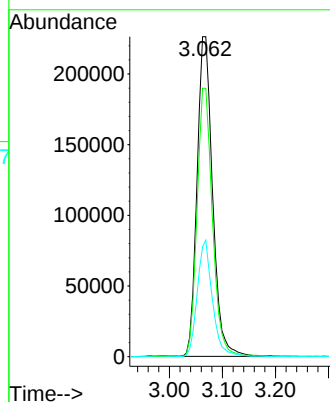
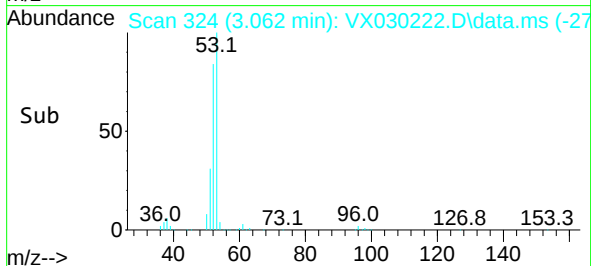
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



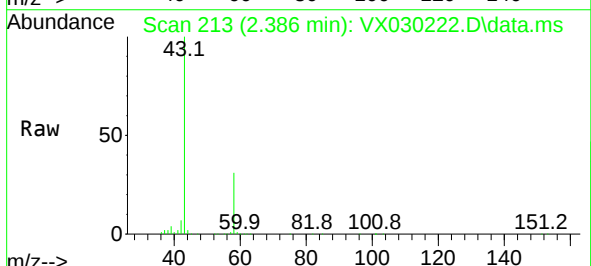
Tgt Ion: 53 Resp: 461034
Ion Ratio Lower Upper
53 100
52 83.3 65.4 98.0
51 35.3 27.7 41.5

Manual Integrations
APPROVED

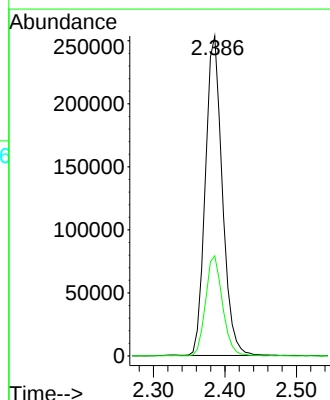
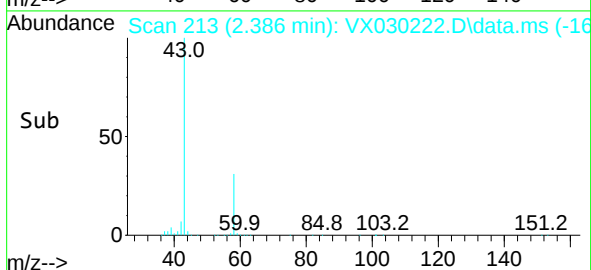
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

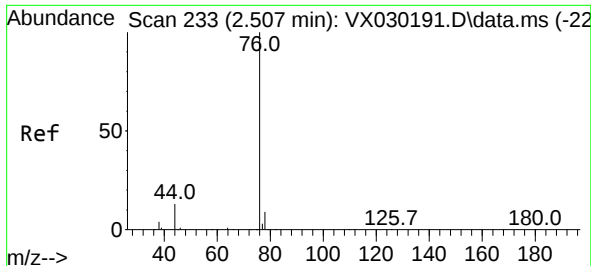


#16
Acetone
Concen: 254.801 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



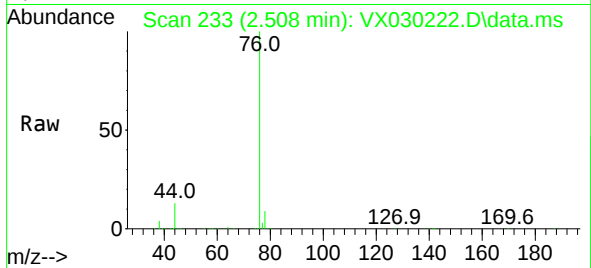
Tgt Ion: 43 Resp: 417584
Ion Ratio Lower Upper
43 100
58 31.3 27.7 41.5





#17
Carbon Disulfide
Concen: 47.549 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

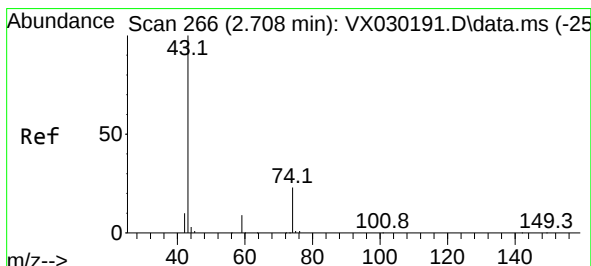
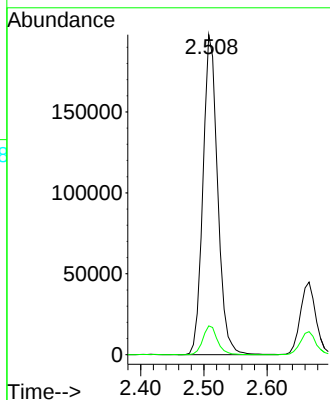
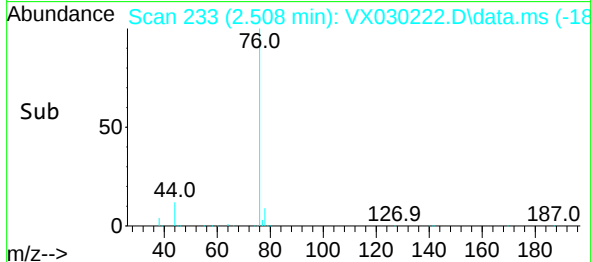
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 31933
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.6

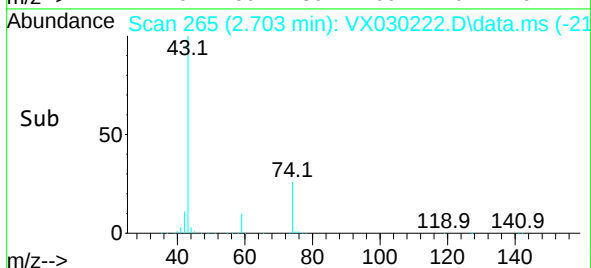
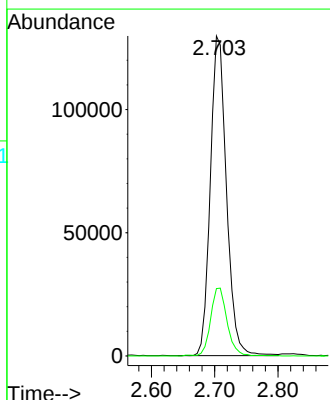
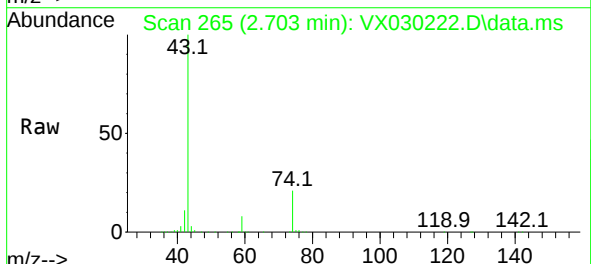
Manual Integrations
APPROVED

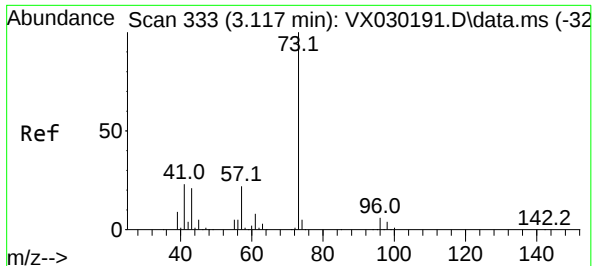
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#18
Methyl Acetate
Concen: 47.506 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.005 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

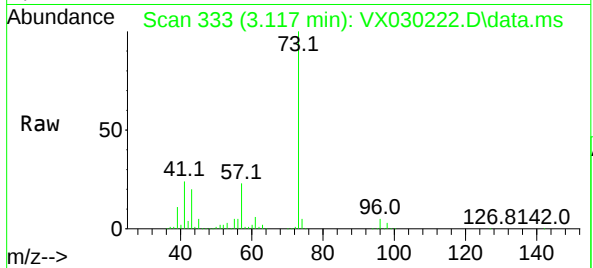
Tgt Ion: 43 Resp: 230284
Ion Ratio Lower Upper
43 100
74 21.8 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 49.989 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

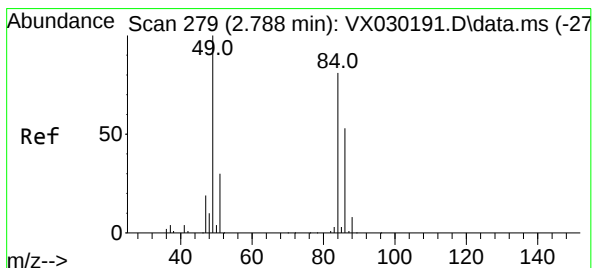
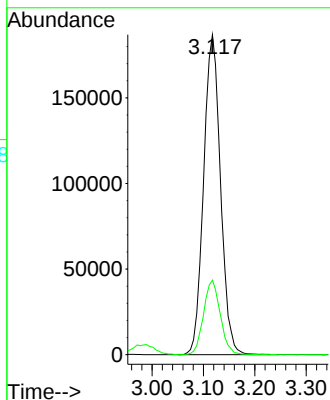
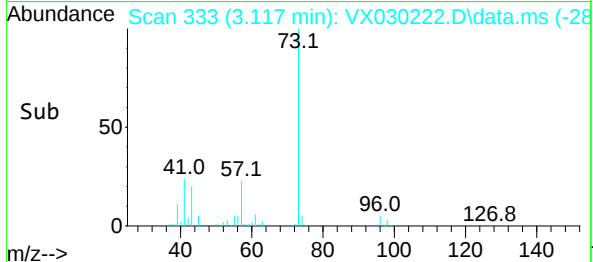
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 426014
Ion Ratio Lower Upper
73 100
57 23.3 19.0 28.6

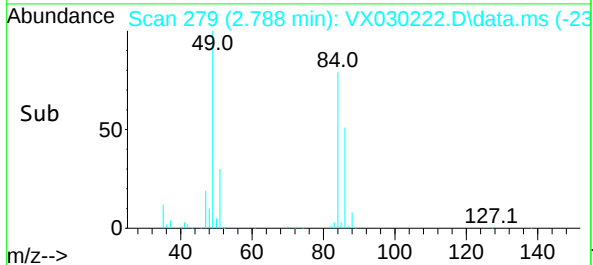
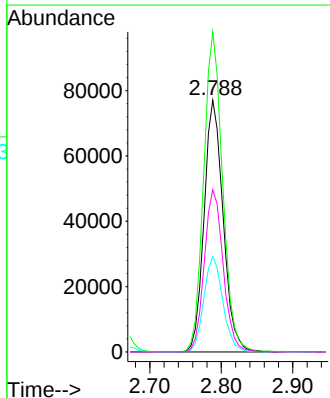
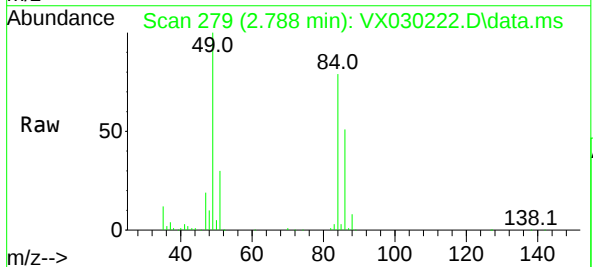
Manual Integrations
APPROVED

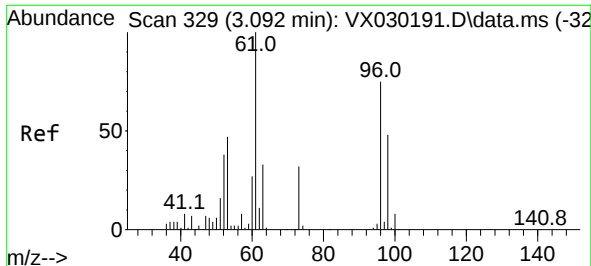
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#20
Methylene Chloride
Concen: 50.784 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

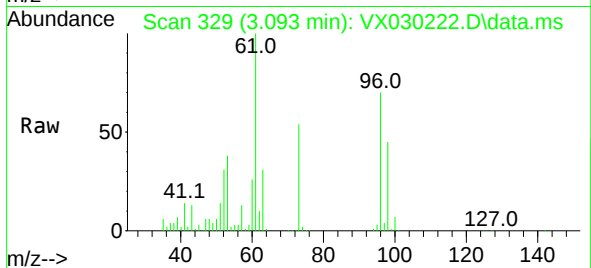
Tgt Ion: 84 Resp: 142545
Ion Ratio Lower Upper
84 100
49 127.0 93.8 140.6
51 37.9 29.4 44.0
86 64.4 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 48.119 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

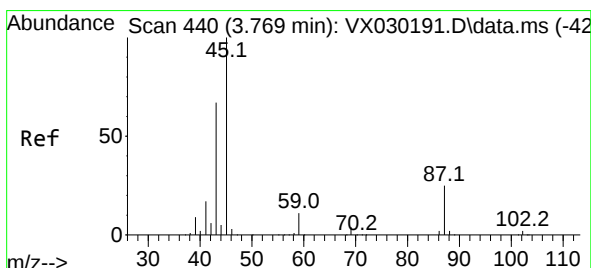
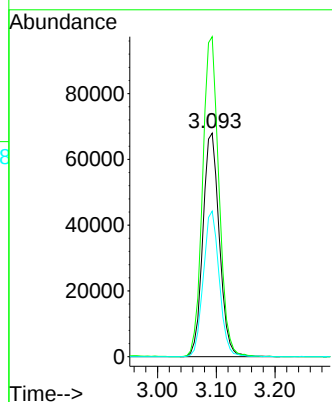
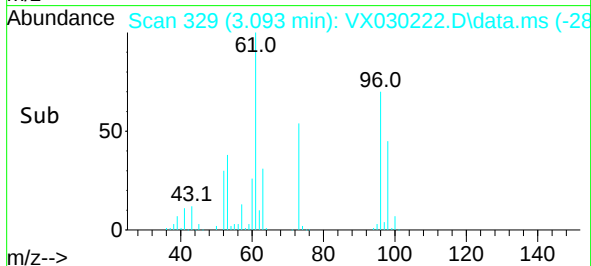
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



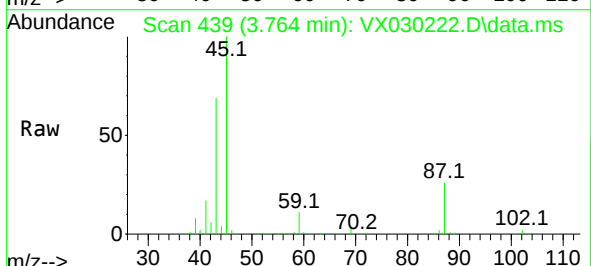
Tgt Ion: 96 Resp: 132138
Ion Ratio Lower Upper
96 100
61 143.2 105.6 158.4
98 65.1 50.1 75.1

Manual Integrations
APPROVED

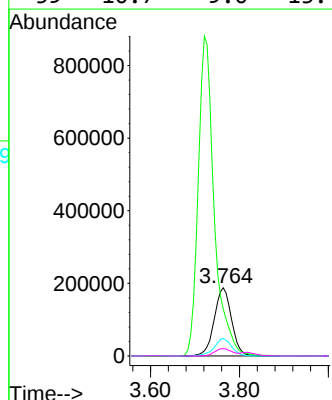
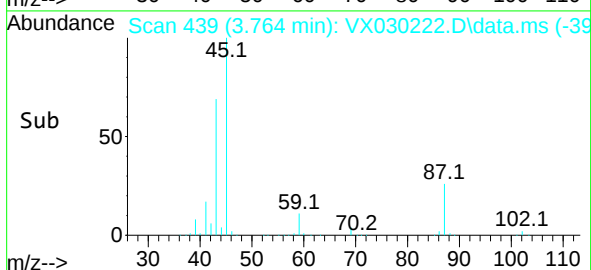
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

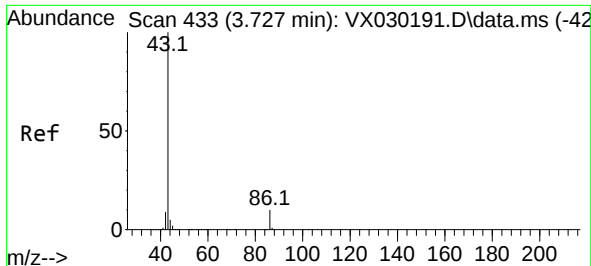


#22
Diisopropyl ether
Concen: 52.165 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.005 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



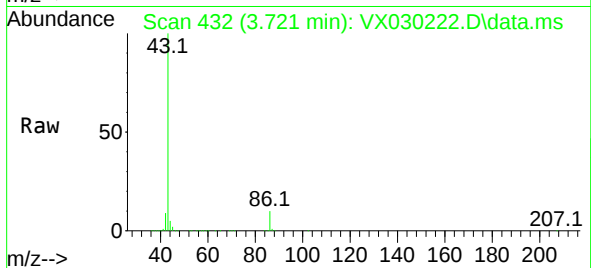
Tgt Ion: 45 Resp: 506713
Ion Ratio Lower Upper
45 100
43 68.9 65.4 98.0
87 25.8 22.3 33.5
59 10.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 262.059 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX030222.D
 Acq: 27 Jul 2022 09:27

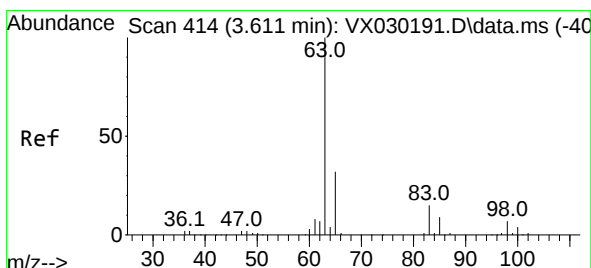
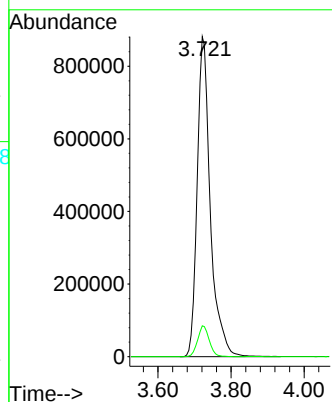
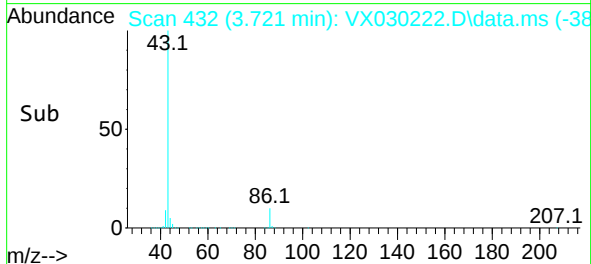
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



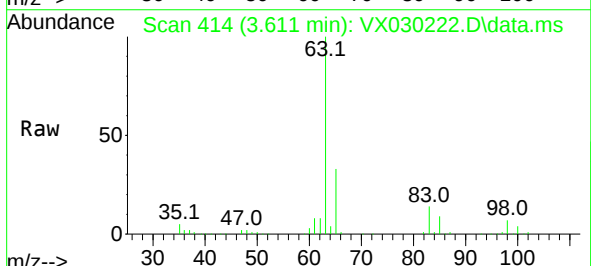
Tgt Ion: 43 Resp: 2208134
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.5 12.7

Manual Integrations
 APPROVED

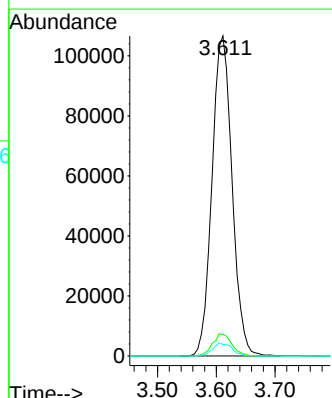
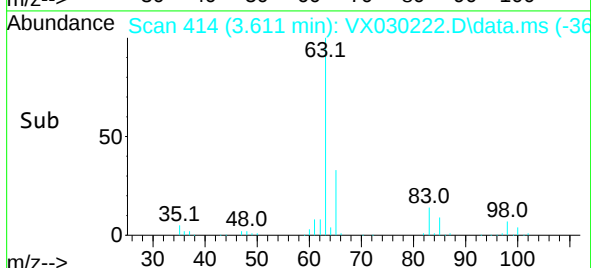
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#24
 1,1-Dichloroethane
 Concen: 49.088 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030222.D
 Acq: 27 Jul 2022 09:27



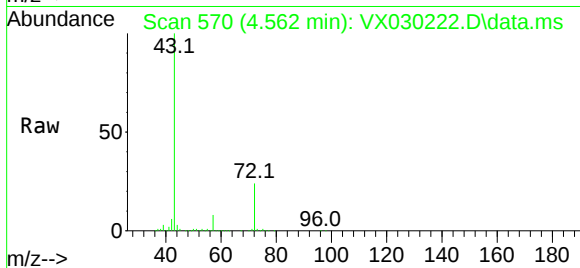
Tgt Ion: 63 Resp: 253372
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 3.6 2.3 6.9





#25
2-Butanone
Concen: 248.612 ug/l
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

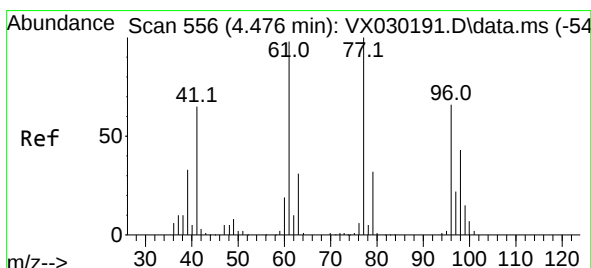
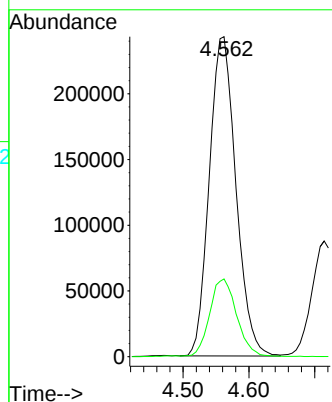
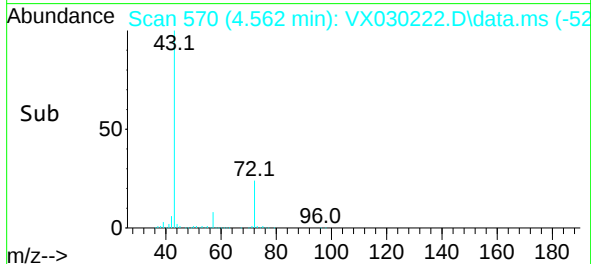
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 684670
Ion Ratio Lower Upper
43 100
72 24.2 21.7 32.5

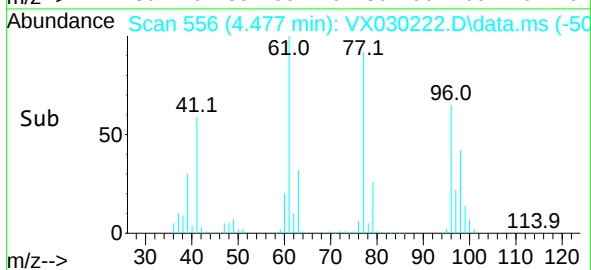
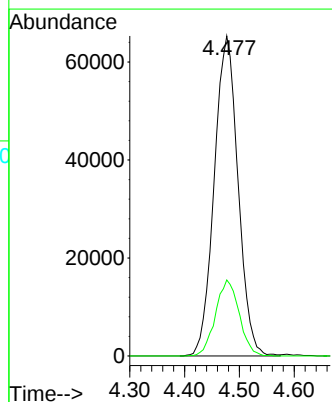
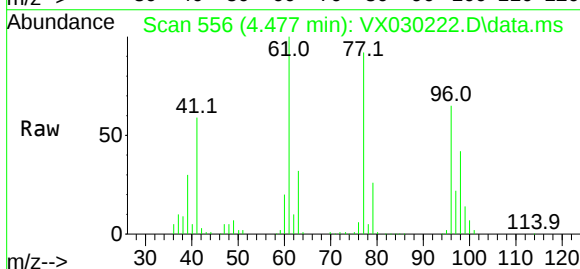
Manual Integrations
APPROVED

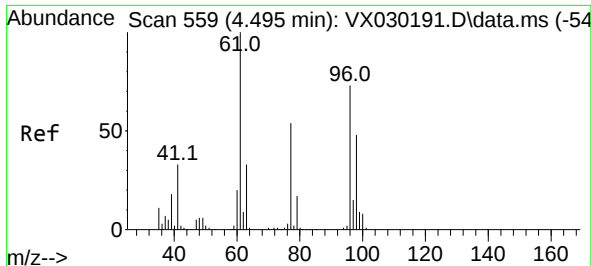
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#26
2,2-Dichloropropane
Concen: 52.825 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

Tgt Ion: 77 Resp: 197162
Ion Ratio Lower Upper
77 100
97 23.6 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 48.576 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX030222.D

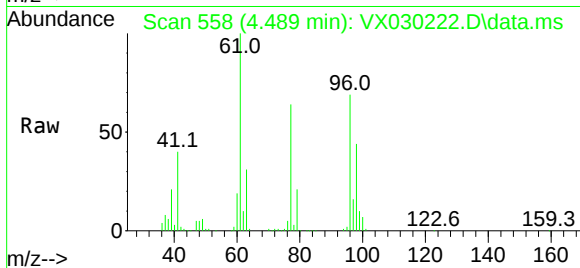
Acq: 27 Jul 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 15686

Ion Ratio Lower Upper

96 100

61 146.9 0.0 270.0

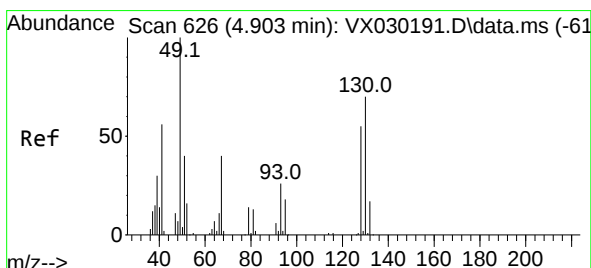
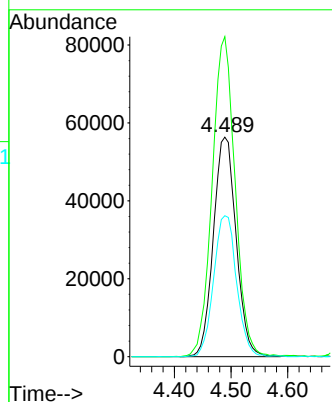
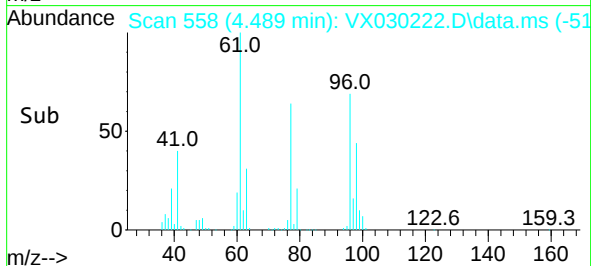
98 64.8 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#28

Bromochloromethane

Concen: 53.864 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

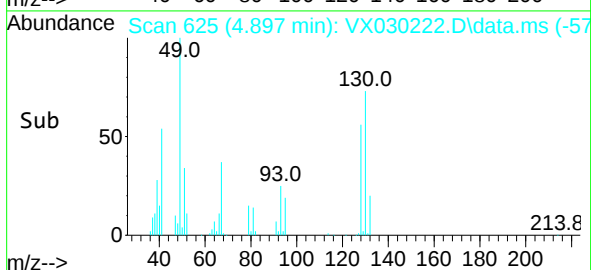
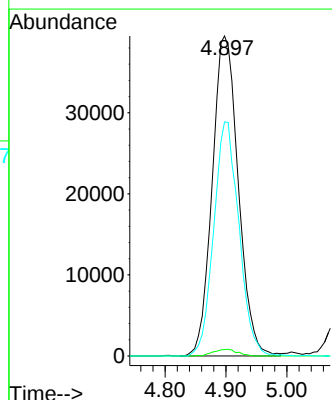
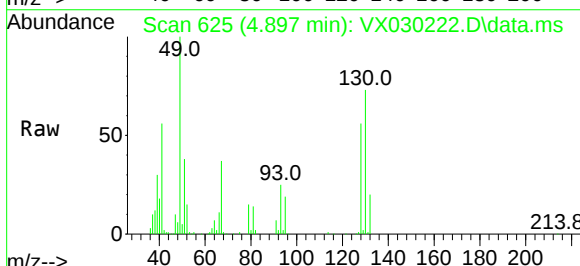
Tgt Ion: 49 Resp: 117457

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

130 70.7 62.8 94.2





#29

Tetrahydrofuran

Concen: 242.036 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 44849

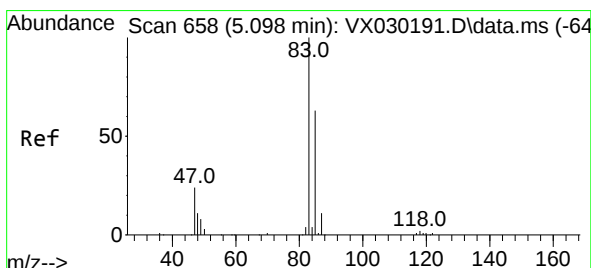
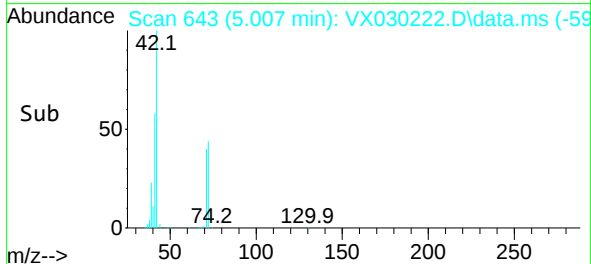
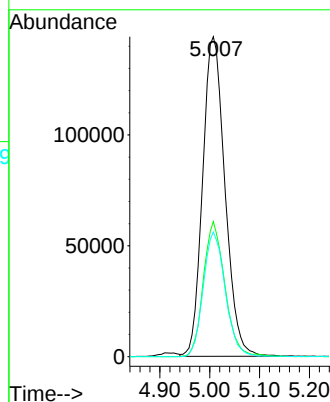
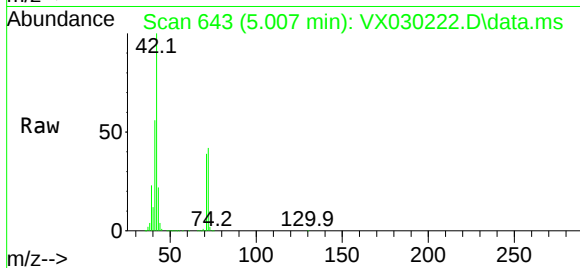
Ion	Ratio	Lower	Upper
42	100		
72	40.9	36.5	54.7
71	38.5	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#30

Chloroform

Concen: 49.217 ug/l

RT: 5.093 min Scan# 657

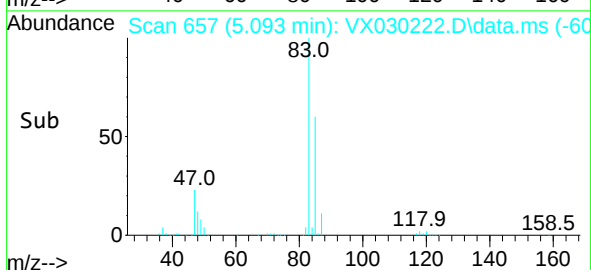
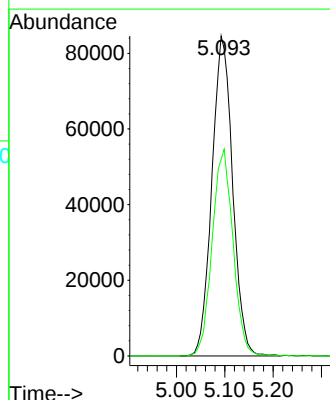
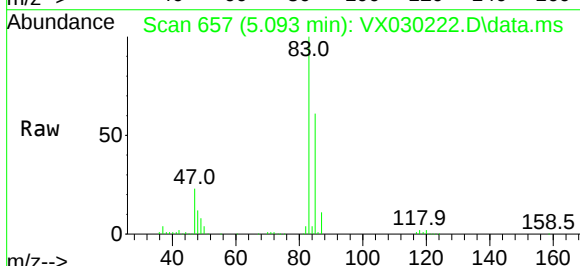
Delta R.T. -0.005 min

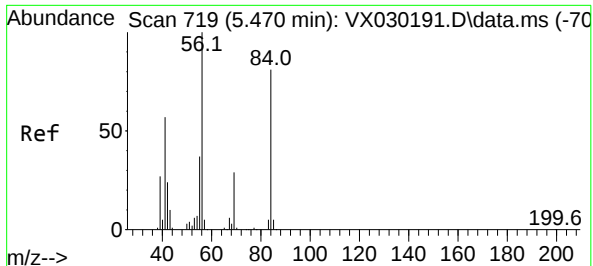
Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Tgt Ion: 83 Resp: 251528

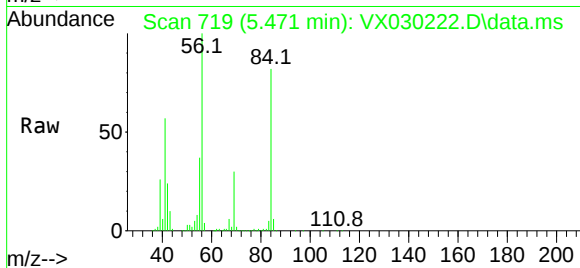
Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.5	77.3





#31
Cyclohexane
Concen: 50.899 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

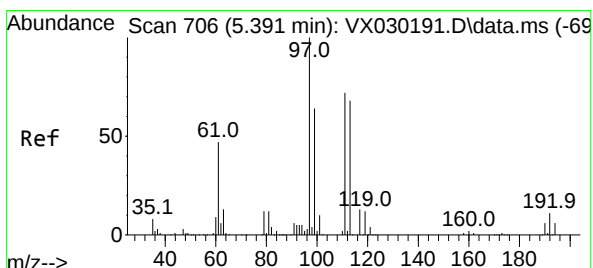
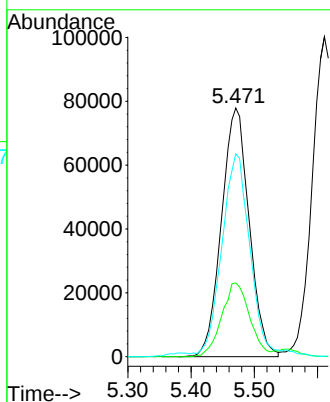
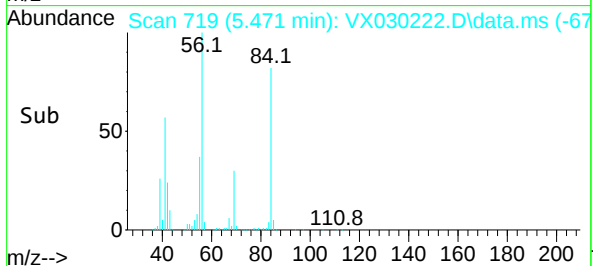
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



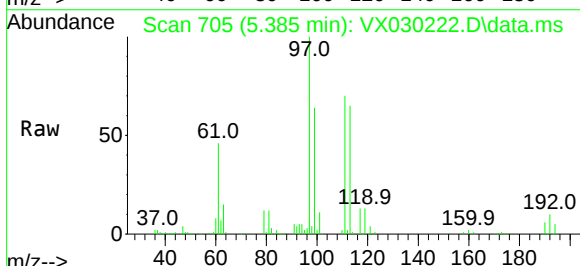
Tgt Ion: 56 Resp: 23656
Ion Ratio Lower Upper
56 100
69 29.7 25.4 38.0
84 80.1 68.9 103.3

Manual Integrations
APPROVED

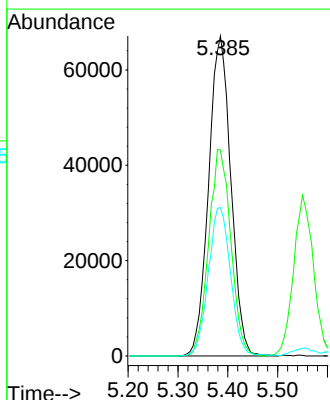
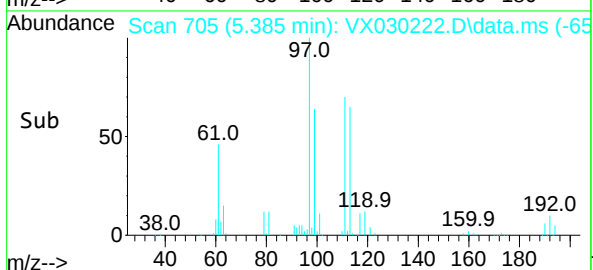
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

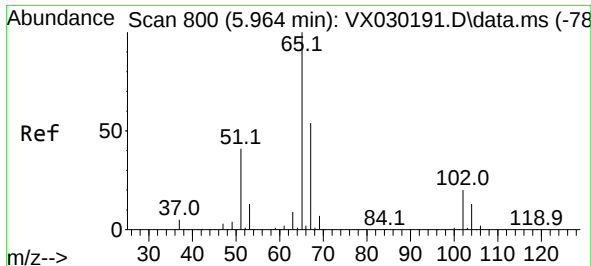


#32
1,1,1-Trichloroethane
Concen: 50.082 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



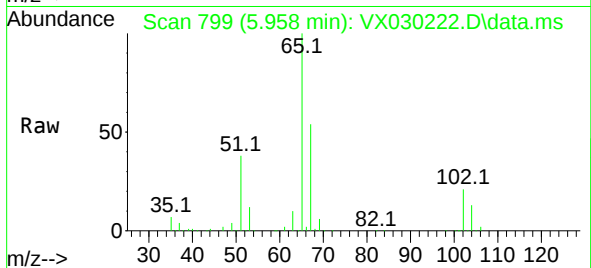
Tgt Ion: 97 Resp: 208047
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 46.7 35.8 53.8





#33
1,2-Dichloroethane-d4
Concen: 49.828 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

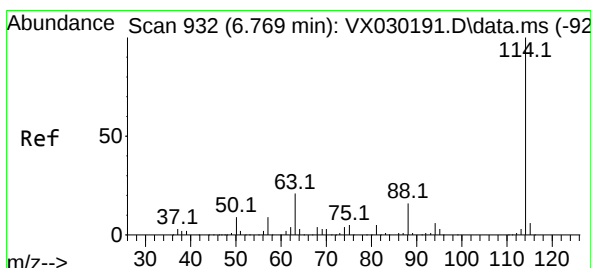
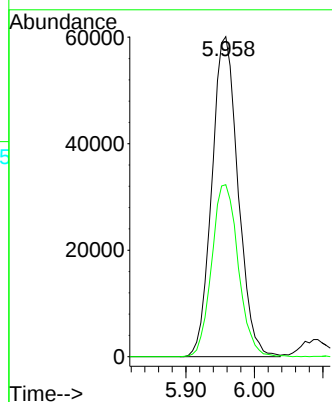
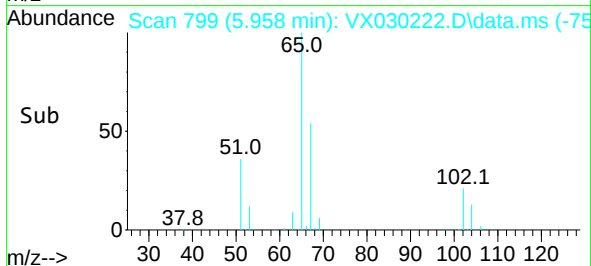
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



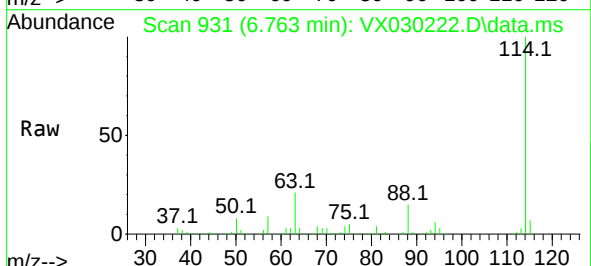
Tgt Ion: 65 Resp: 159502
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.6

Manual Integrations
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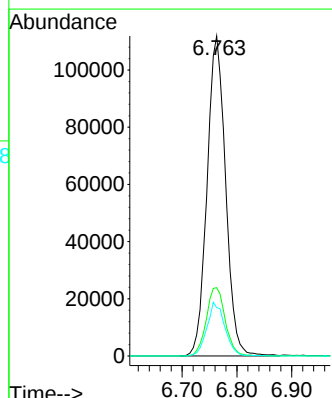
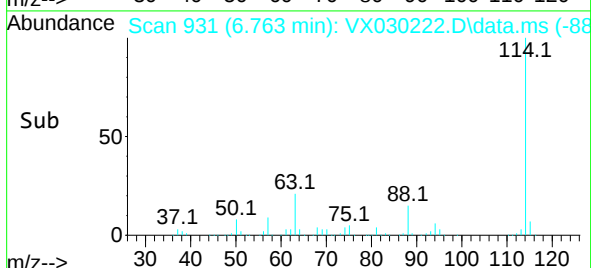
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



Tgt Ion:114 Resp: 262341
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.4
88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.812 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX030222.D

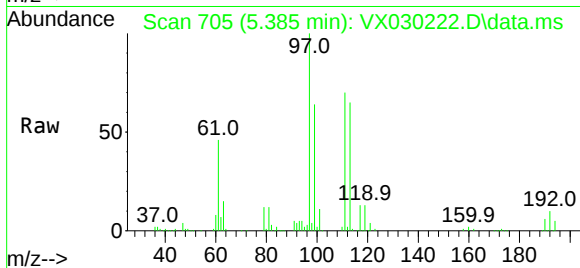
Acq: 27 Jul 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



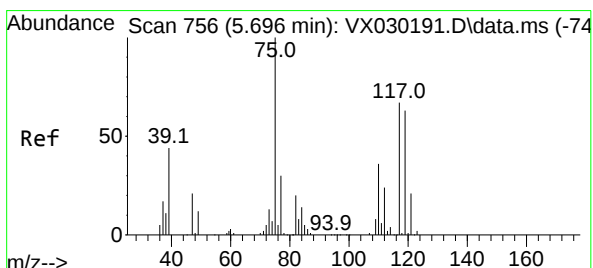
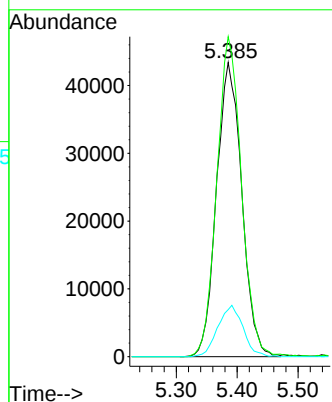
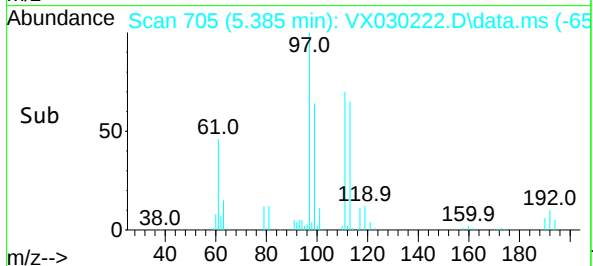
Tgt Ion:	113	Resp:	124920
Ion	Ratio	Lower	Upper
113	100		
111	106.3	83.2	124.8
192	17.4	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#36

1,1-Dichloropropene

Concen: 52.054 ug/l

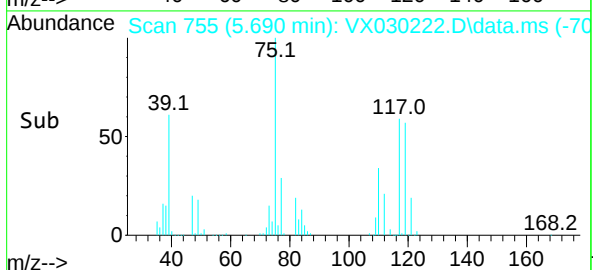
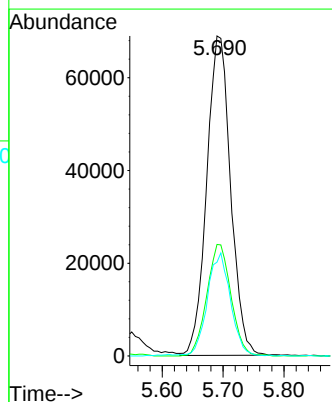
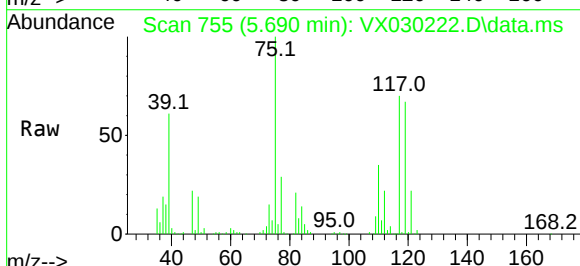
RT: 5.690 min Scan# 755

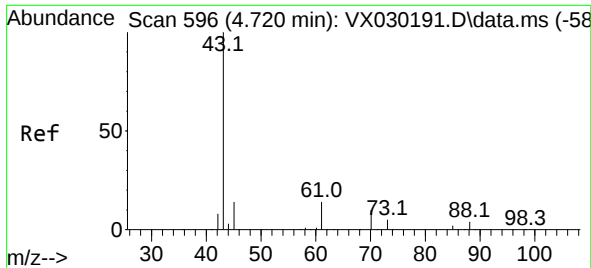
Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Tgt Ion:	75	Resp:	187868
Ion	Ratio	Lower	Upper
75	100		
110	35.3	19.3	57.9
77	30.9	24.4	36.6





#37

Ethyl Acetate

Concen: 49.697 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.005 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 253994

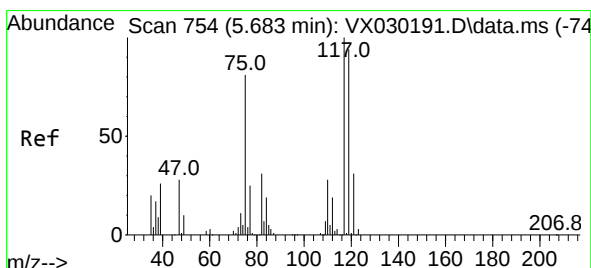
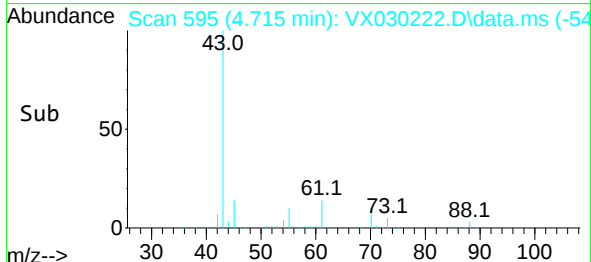
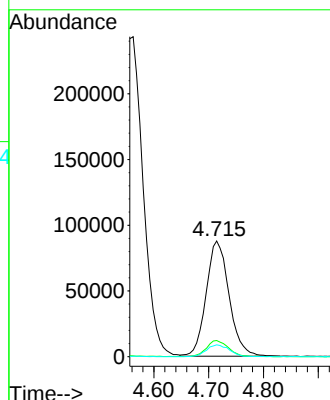
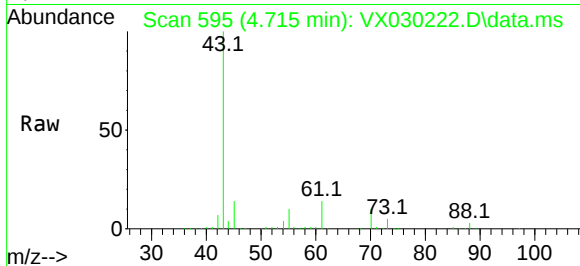
Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.7	17.5
70	10.4	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#38

Carbon Tetrachloride

Concen: 52.708 ug/l

RT: 5.678 min Scan# 753

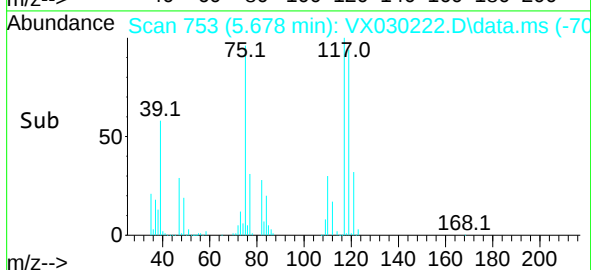
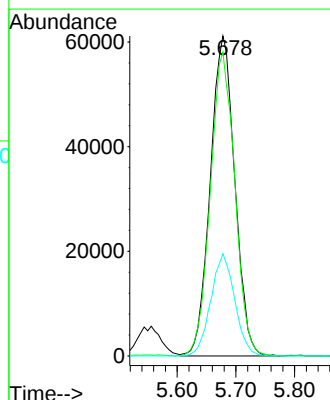
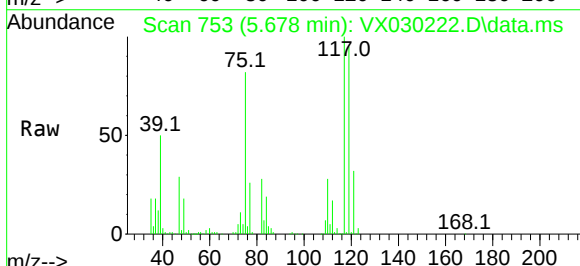
Delta R.T. -0.005 min

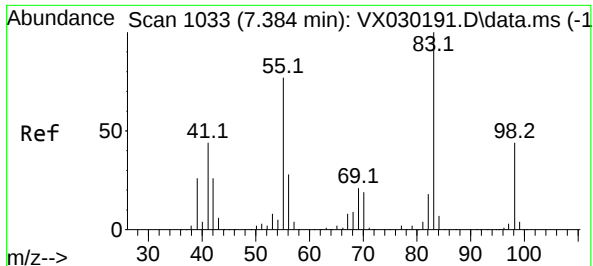
Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Tgt Ion:117 Resp: 177588

Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.1	111.1
121	31.9	25.8	38.8





#39

Methylcyclohexane

Concen: 51.515 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.005 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 23998

Ion Ratio Lower Upper

83 100

55 80.4 57.7 86.5

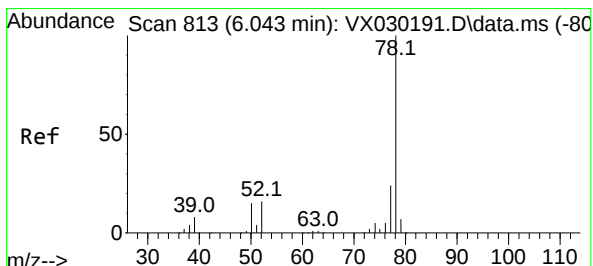
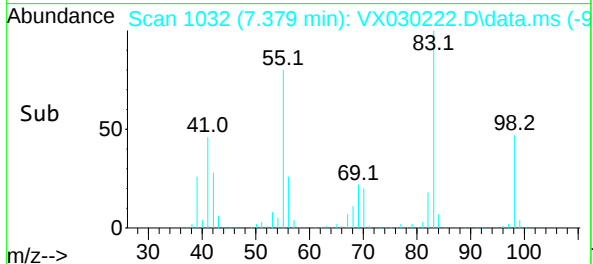
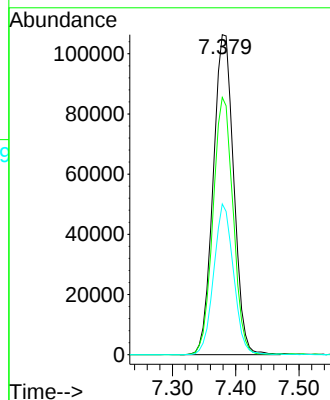
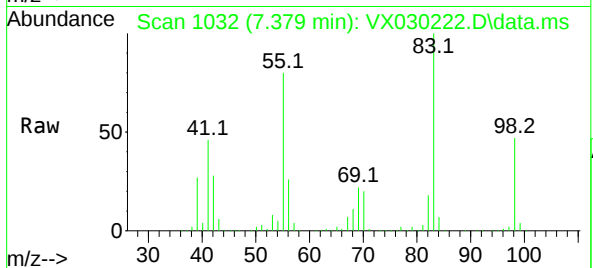
98 47.1 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#40

Benzene

Concen: 50.234 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX030222.D

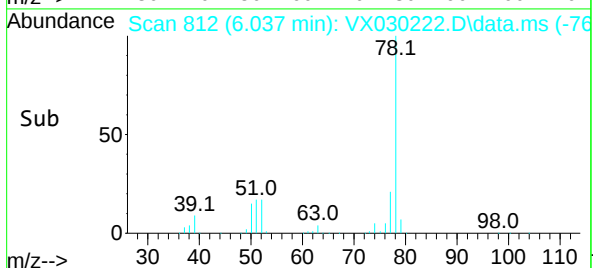
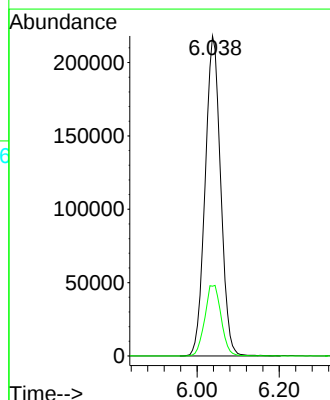
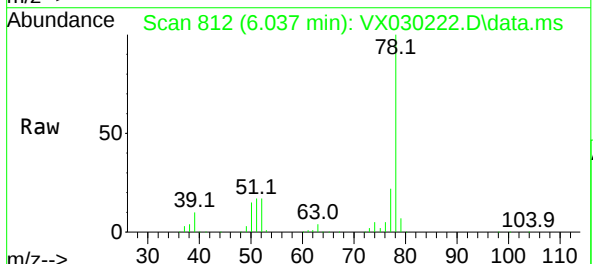
Acq: 27 Jul 2022 09:27

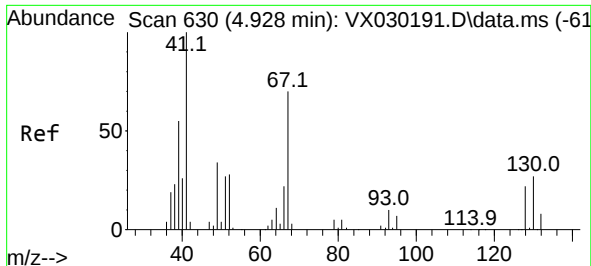
Tgt Ion: 78 Resp: 570421

Ion Ratio Lower Upper

78 100

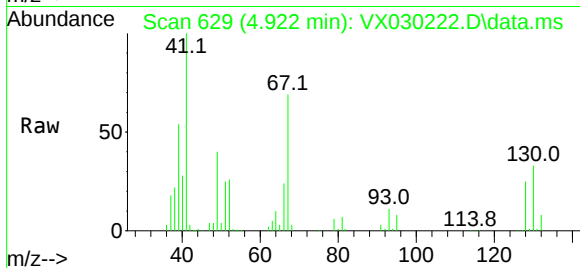
77 21.8 18.0 27.0





#41
Methacrylonitrile
Concen: 51.694 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

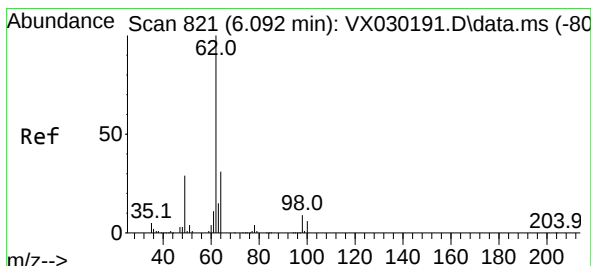
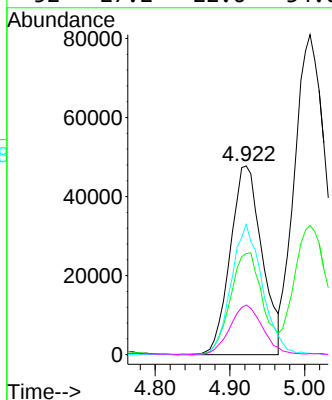
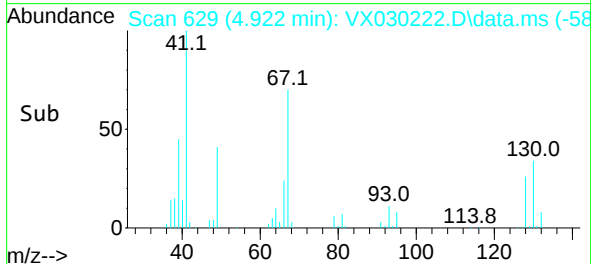
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



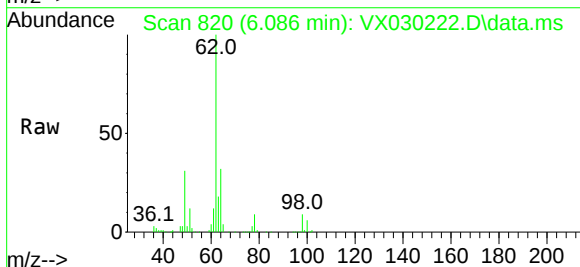
Tgt Ion: 41 Resp: 14162
Ion Ratio Lower Upper
41 100
39 54.5 42.9 64.3
67 67.7 60.1 90.1
52 27.2 22.6 34.0

Manual Integrations
APPROVED

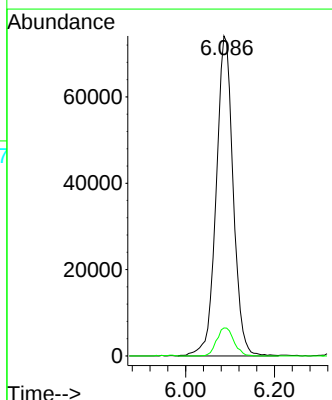
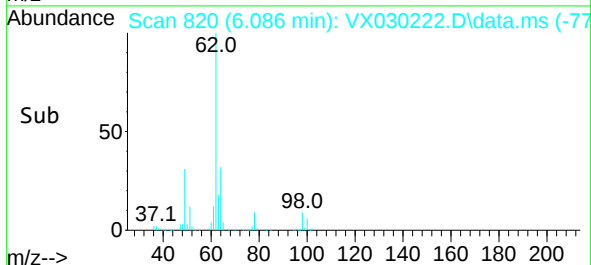
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

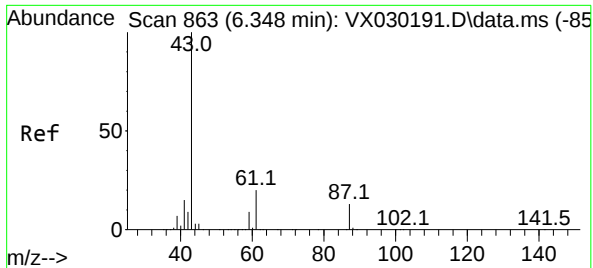


#42
1,2-Dichloroethane
Concen: 50.024 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



Tgt Ion: 62 Resp: 196280
Ion Ratio Lower Upper
62 100
98 8.9 0.0 20.2





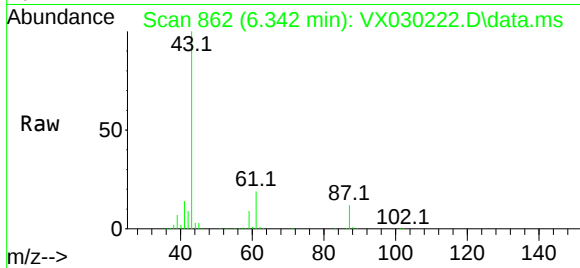
#43
Isopropyl Acetate
Concen: 51.960 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



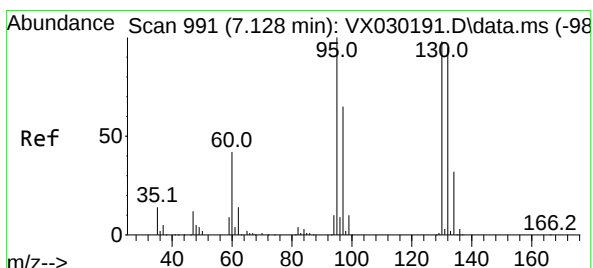
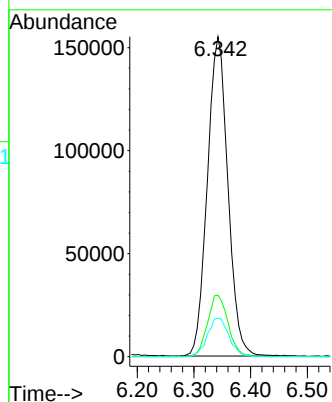
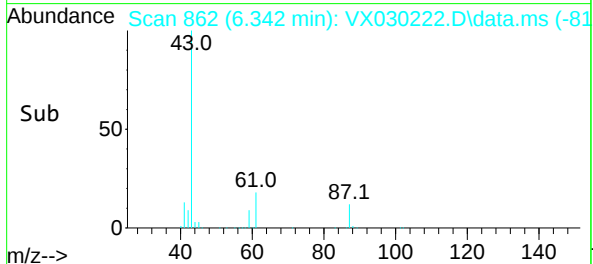
Tgt Ion: 43 Resp: 389299
Ion Ratio Lower Upper
43 100
61 19.4 16.5 24.7
87 12.6 11.1 16.7

Manual Integrations

APPROVED

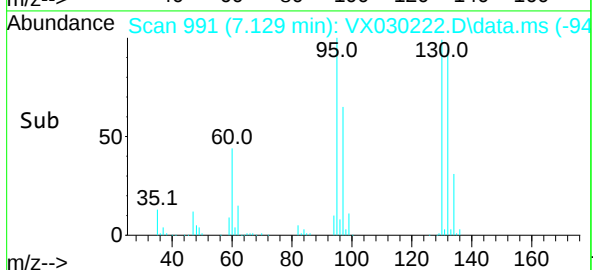
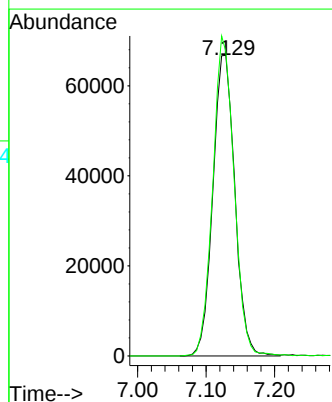
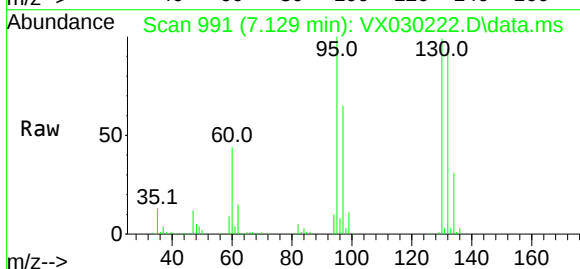
Reviewed By :John Carlone 07/28/2022

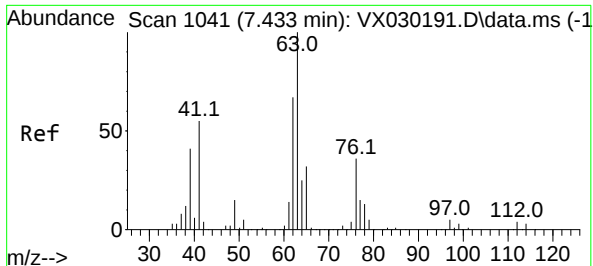
Supervised By :Mahesh Dadoda 07/28/2022



#44
Trichloroethene
Concen: 47.926 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

Tgt Ion:130 Resp: 148701
Ion Ratio Lower Upper
130 100
95 101.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 50.662 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 153434

Ion Ratio Lower Upper

63 100

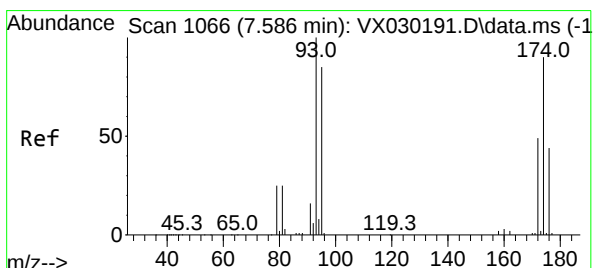
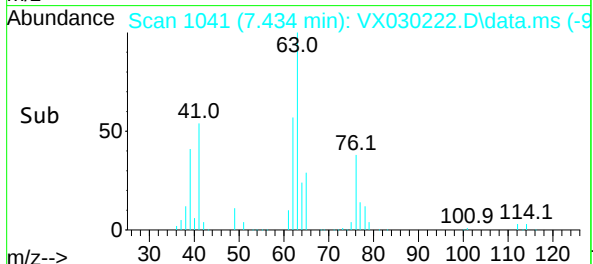
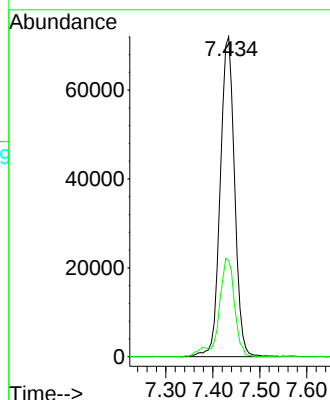
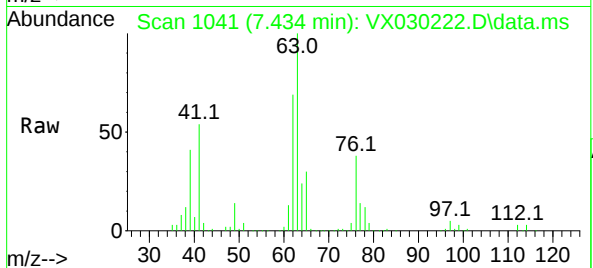
65 29.9 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#46

Dibromomethane

Concen: 48.674 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

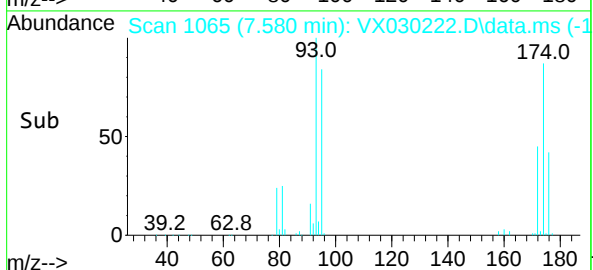
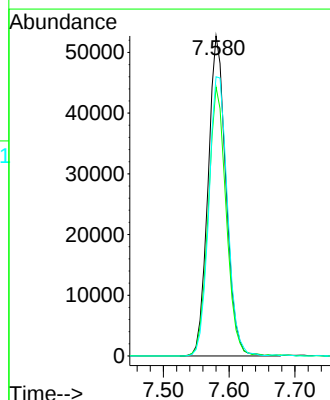
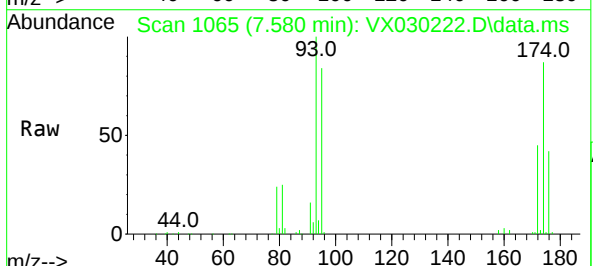
Tgt Ion: 93 Resp: 100250

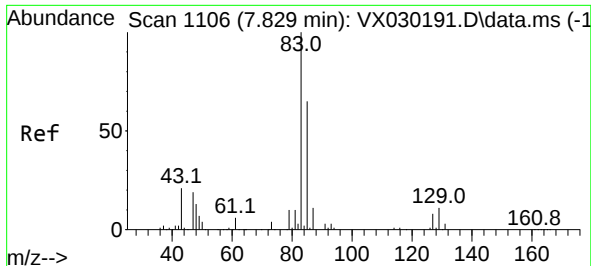
Ion Ratio Lower Upper

93 100

95 84.0 67.4 101.0

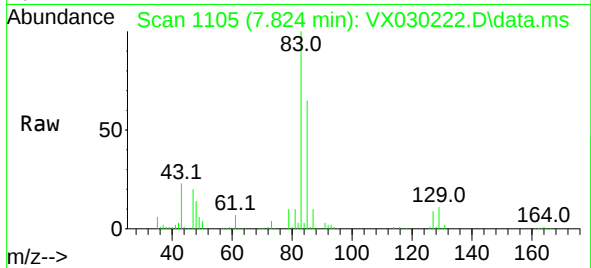
174 90.6 75.6 113.4





#47
Bromodichloromethane
Concen: 51.992 ug/l
RT: 7.824 min Scan# 1106
Delta R.T. -0.005 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

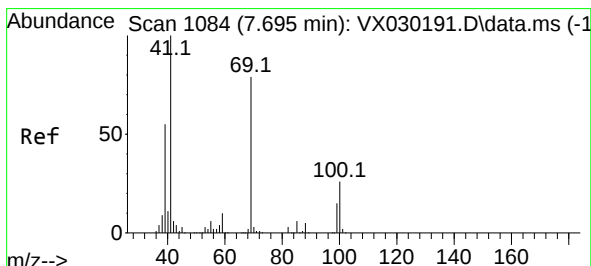
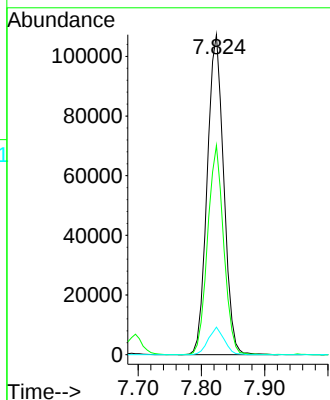
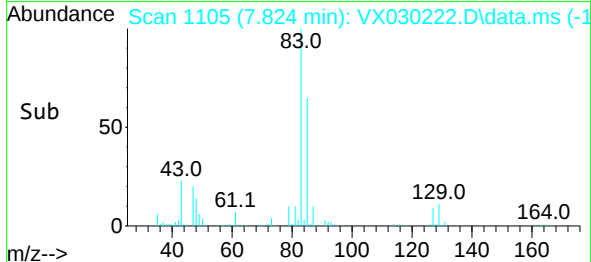
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



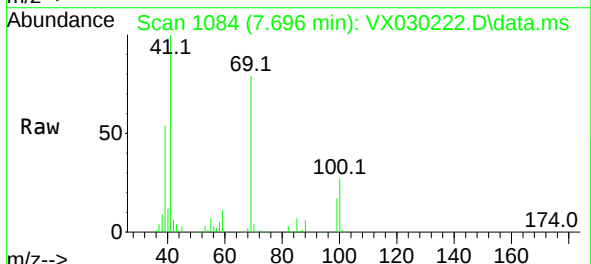
Tgt Ion: 83 Resp: 194660
Ion Ratio Lower Upper
83 100
85 65.3 53.5 80.3
127 8.6 6.6 10.0

Manual Integrations
APPROVED

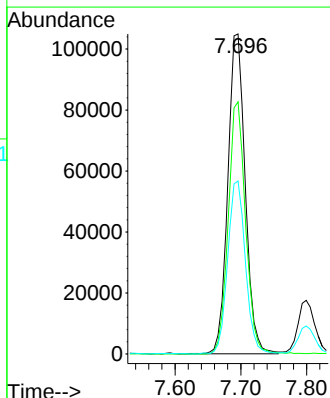
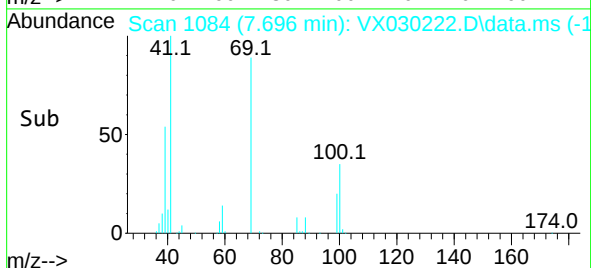
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

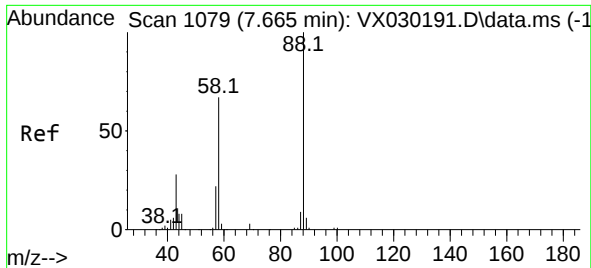


#48
Methyl methacrylate
Concen: 52.435 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



Tgt Ion: 41 Resp: 193365
Ion Ratio Lower Upper
41 100
69 78.6 68.8 103.2
39 55.2 44.6 66.8





#49

1,4-Dioxane

Concen: 921.655 ug/l

RT: 7.671 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 7850

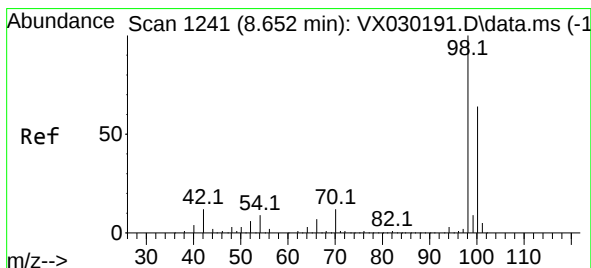
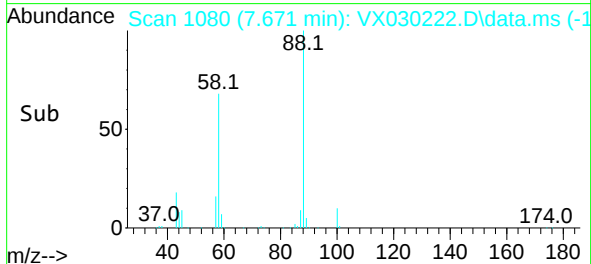
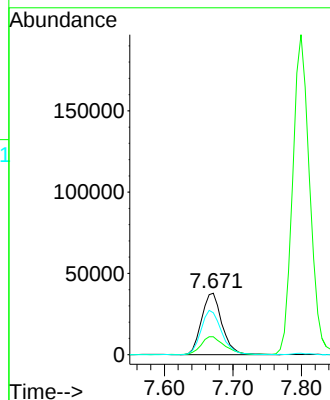
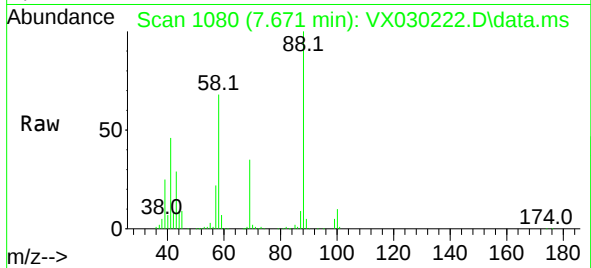
Ion	Ratio	Lower	Upper
88	100		
43	32.9	23.8	35.8
58	72.6	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#50

Toluene-d8

Concen: 50.843 ug/l

RT: 8.653 min Scan# 1241

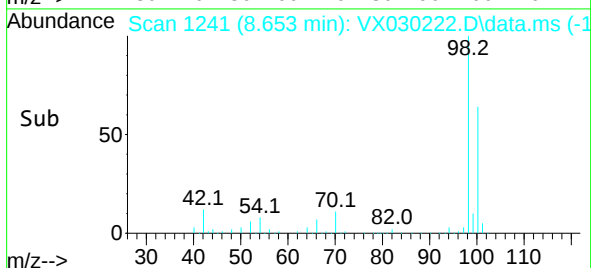
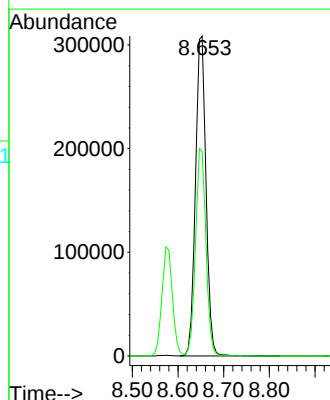
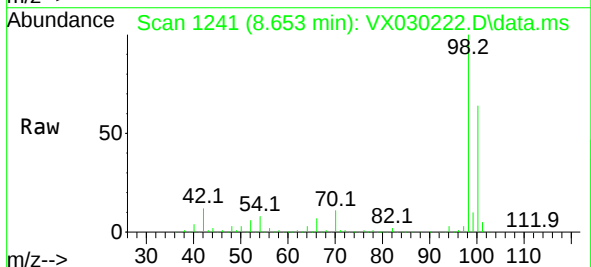
Delta R.T. 0.001 min

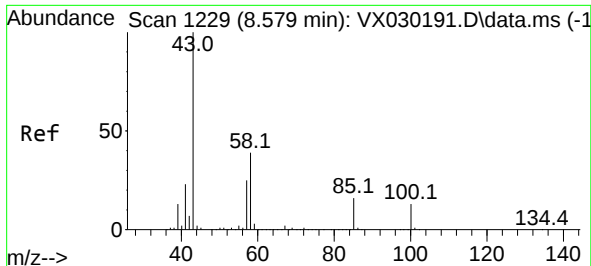
Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Tgt Ion: 98 Resp: 493787

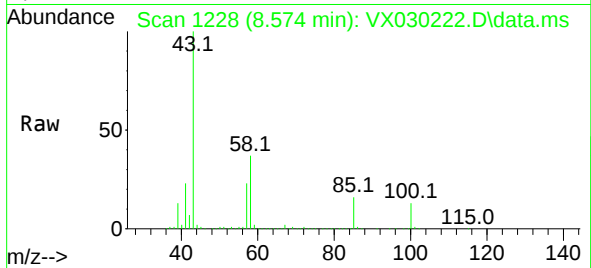
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 254.670 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.005 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

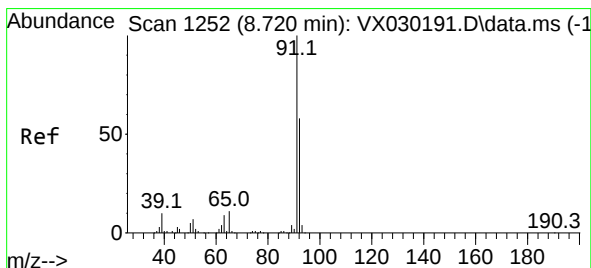
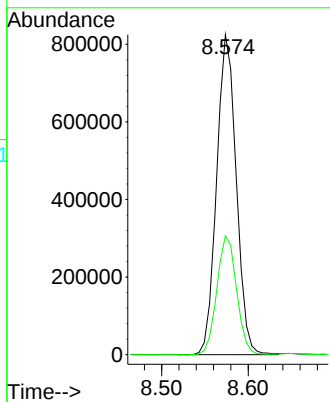
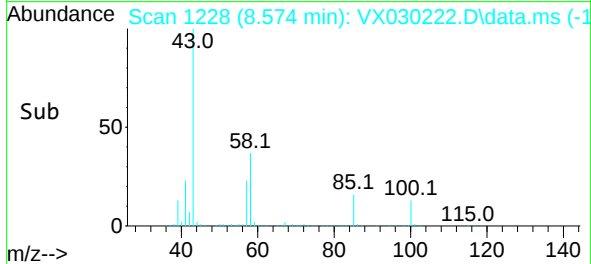
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



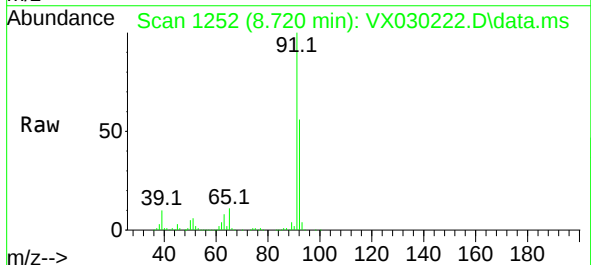
Tgt Ion: 43 Resp: 129535
Ion Ratio Lower Upper
43 100
58 37.4 31.4 47.2

Manual Integrations
APPROVED

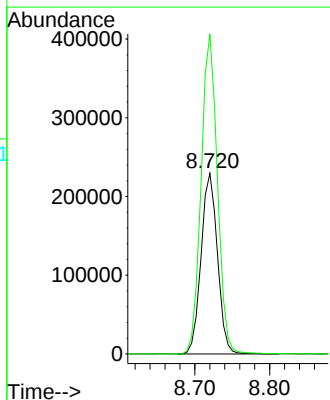
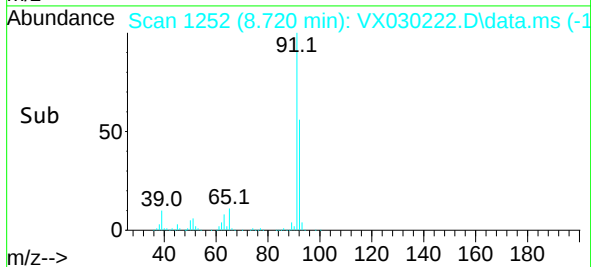
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

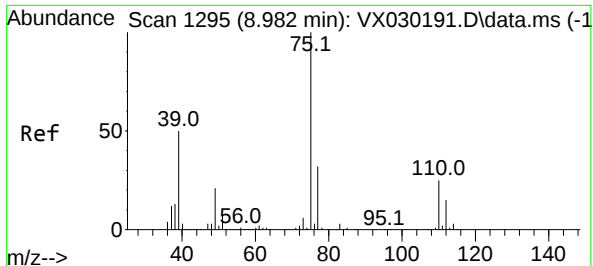


#52
Toluene
Concen: 50.360 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



Tgt Ion: 92 Resp: 348891
Ion Ratio Lower Upper
92 100
91 176.5 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 53.577 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 216238

Ion Ratio Lower Upper

75 100

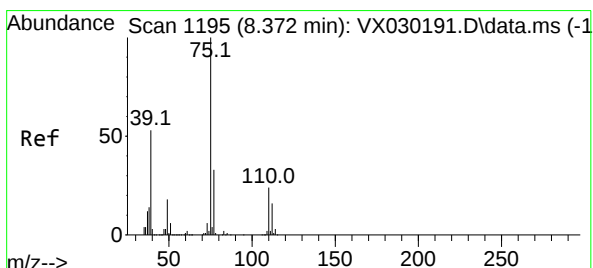
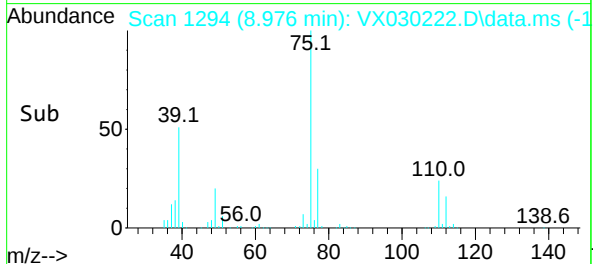
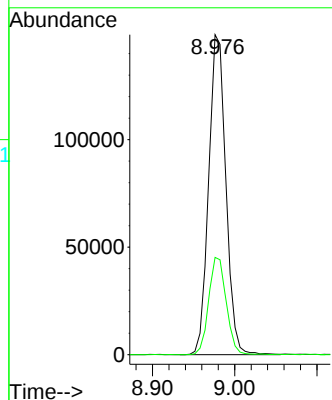
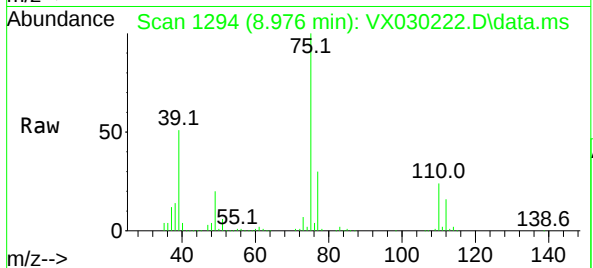
77 30.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#54

cis-1,3-Dichloropropene

Concen: 53.712 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

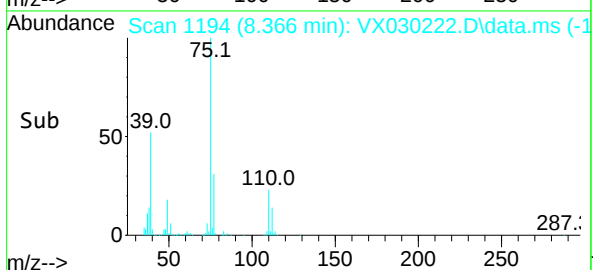
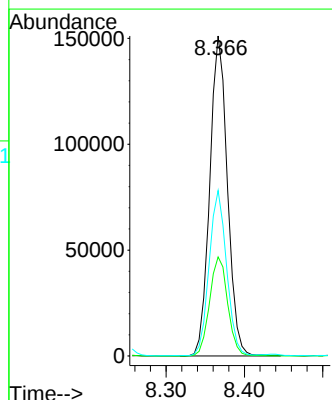
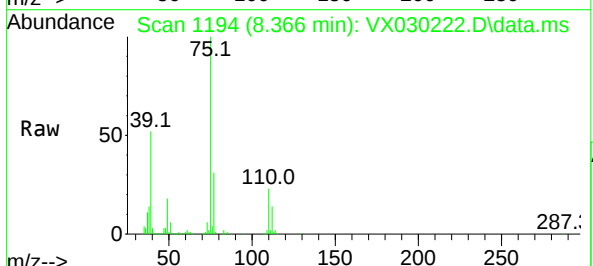
Tgt Ion: 75 Resp: 236235

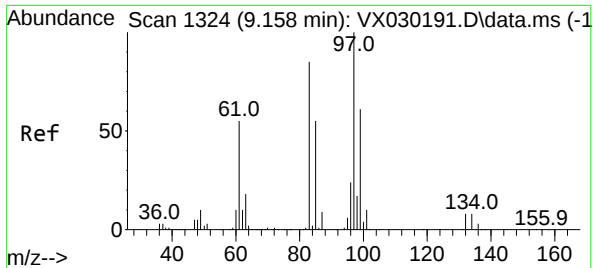
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

39 51.6 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 48.928 ug/l

RT: 9.153 min Scan# 1324

Delta R.T. -0.005 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 14432

Ion Ratio Lower Upper

97 100

83 90.6 68.9 103.3

85 56.9 44.0 66.0

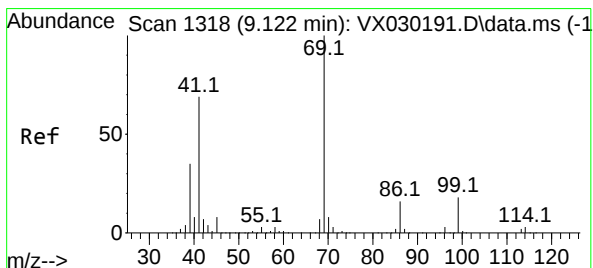
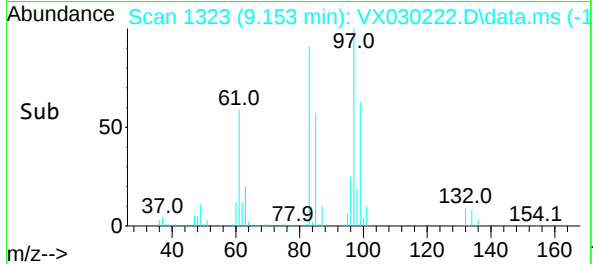
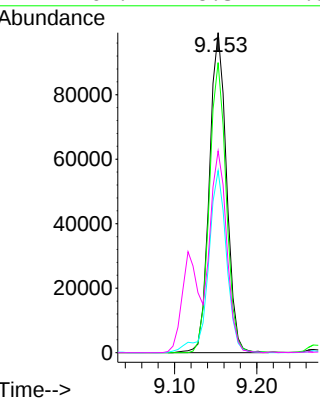
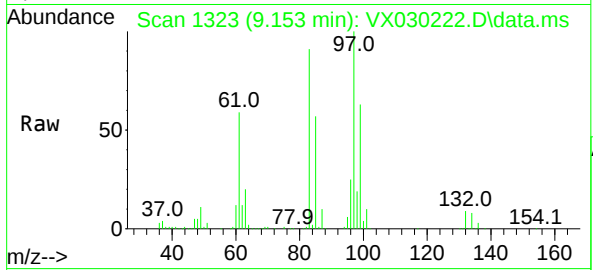
99 62.9 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#56

Ethyl methacrylate

Concen: 52.245 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

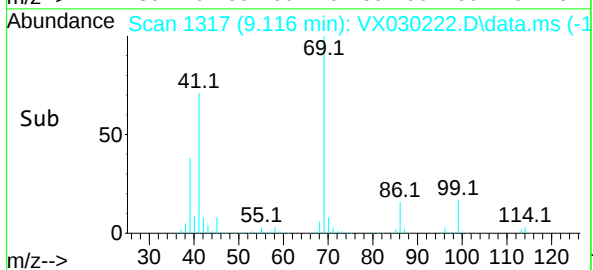
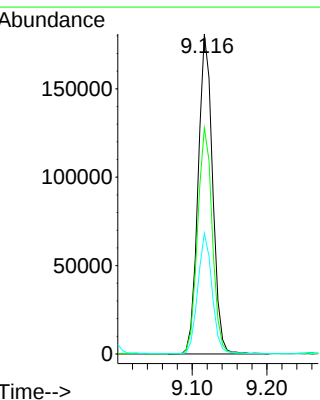
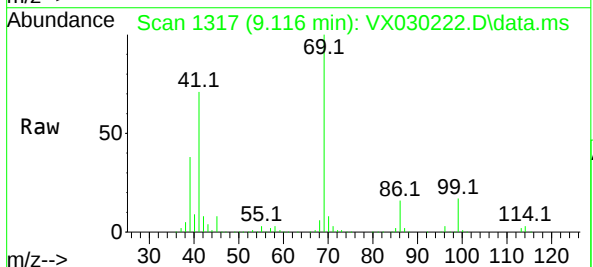
Tgt Ion: 69 Resp: 243619

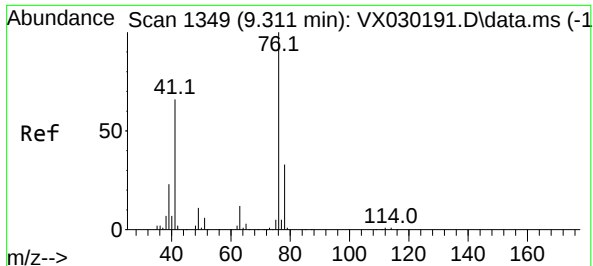
Ion Ratio Lower Upper

69 100

41 71.5 52.3 78.5

39 37.3 28.2 42.4





#57

1,3-Dichloropropane

Concen: 50.312 ug/l

RT: 9.311 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 24497

Ion Ratio Lower Upper

76 100

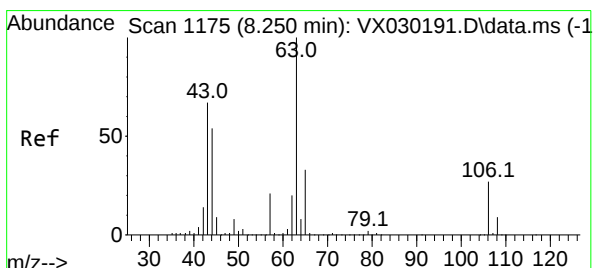
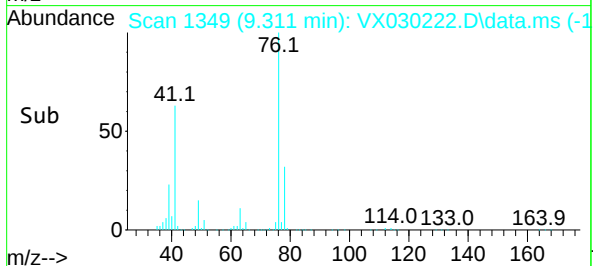
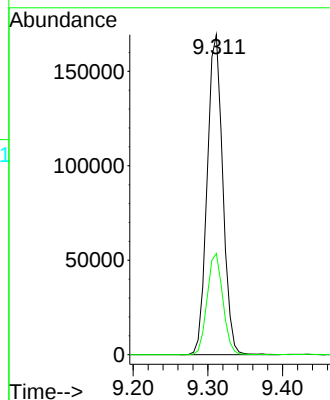
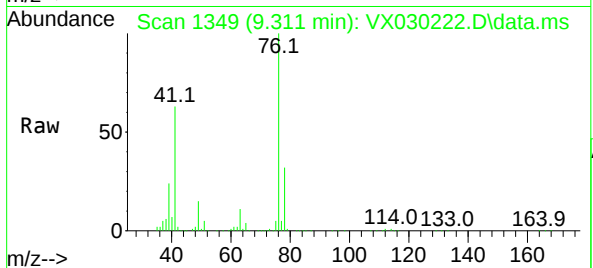
78 31.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 280.022 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX030222.D

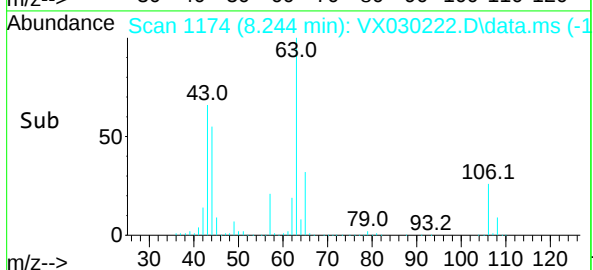
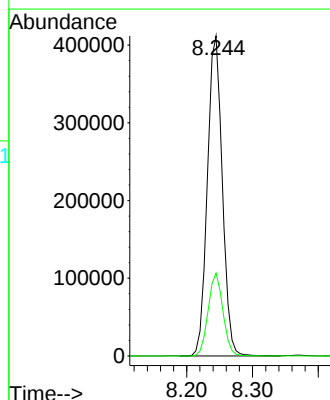
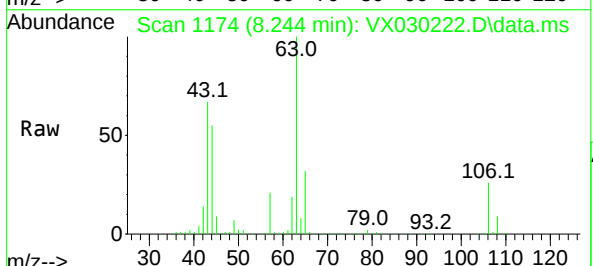
Acq: 27 Jul 2022 09:27

Tgt Ion: 63 Resp: 648034

Ion Ratio Lower Upper

63 100

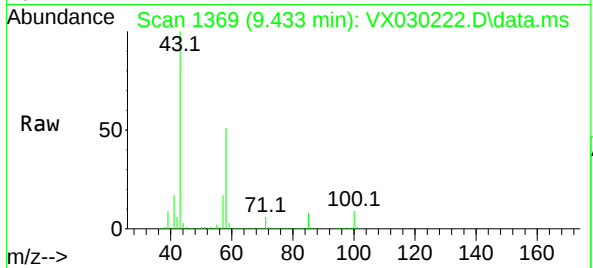
106 25.7 22.2 33.2





#59
2-Hexanone
Concen: 256.883 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

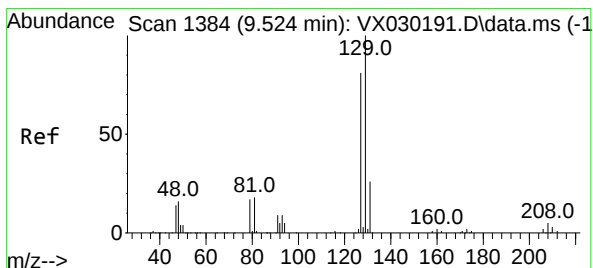
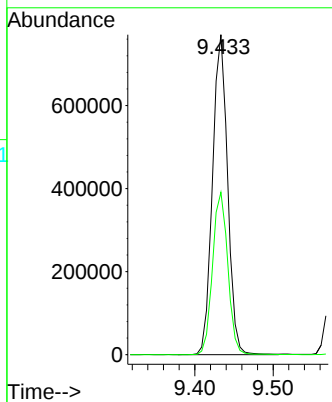
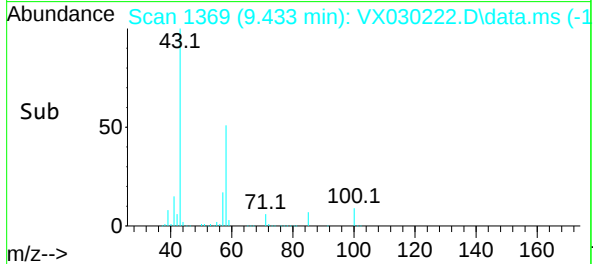
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 103084
Ion Ratio Lower Upper
43 100
58 51.4 27.6 82.8

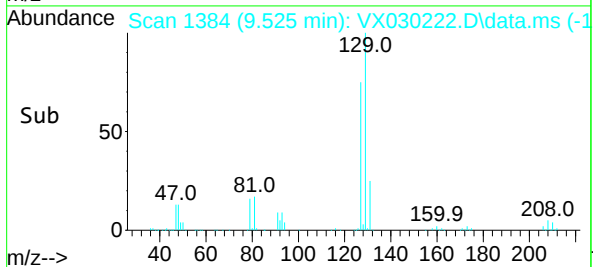
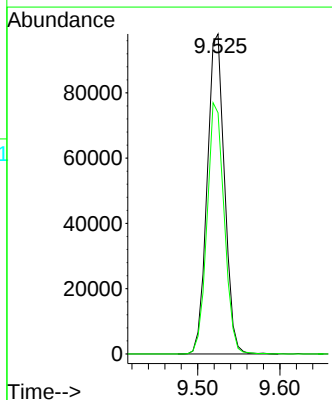
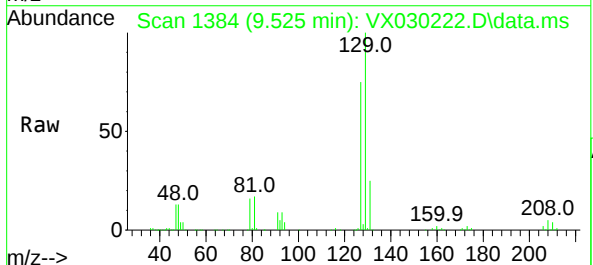
Manual Integrations
APPROVED

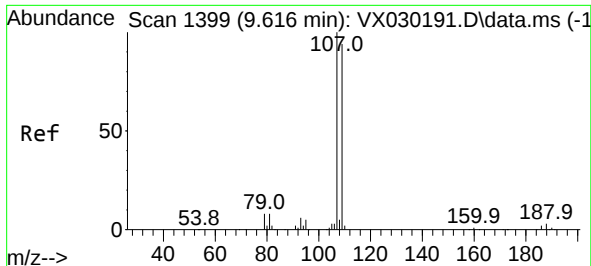
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#60
Dibromochloromethane
Concen: 52.417 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

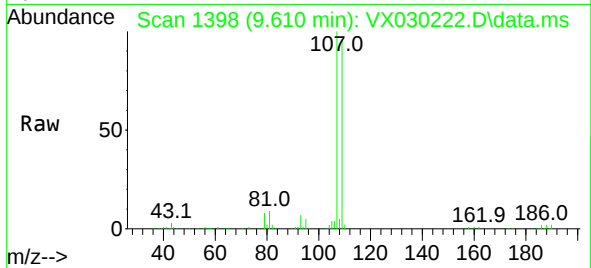
Tgt Ion:129 Resp: 143128
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 49.330 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

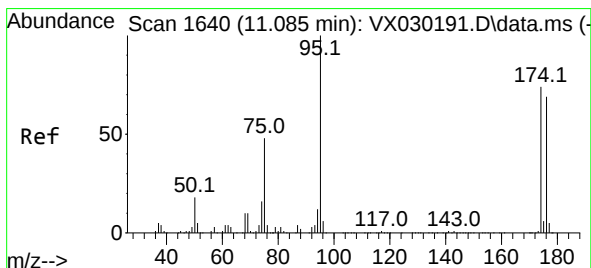
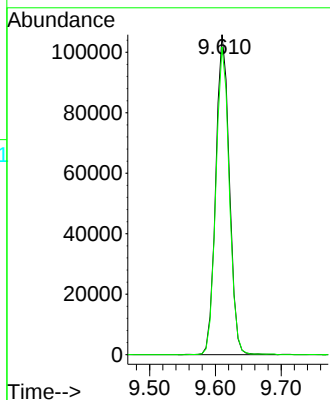
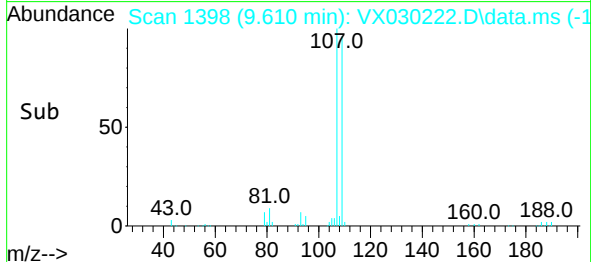
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



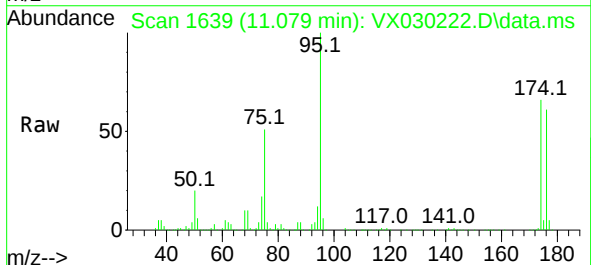
Tgt Ion:107 Resp: 151930
Ion Ratio Lower Upper
107 100
109 95.3 76.6 114.8

Manual Integrations
APPROVED

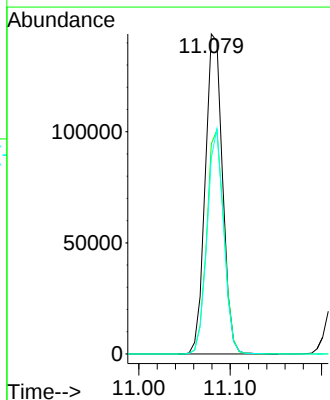
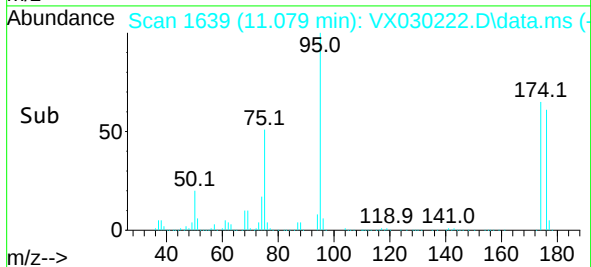
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

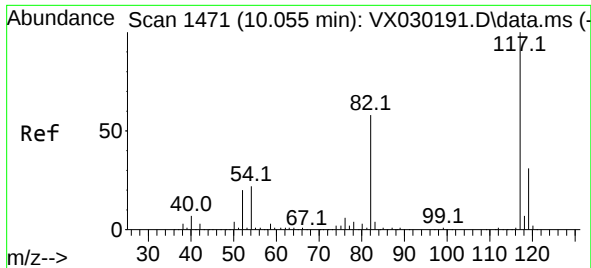


#62
4-Bromofluorobenzene
Concen: 52.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



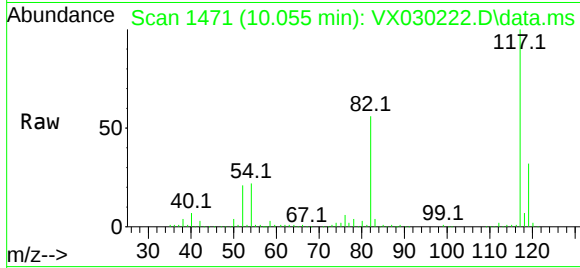
Tgt Ion: 95 Resp: 188524
Ion Ratio Lower Upper
95 100
174 69.5 0.0 149.0
176 67.1 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

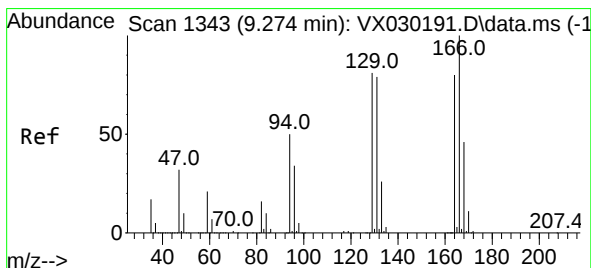
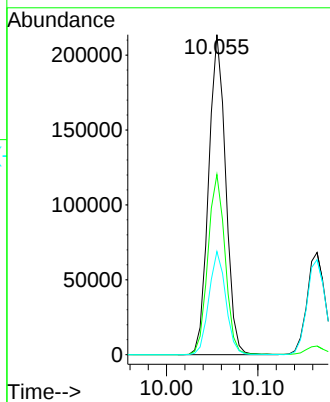
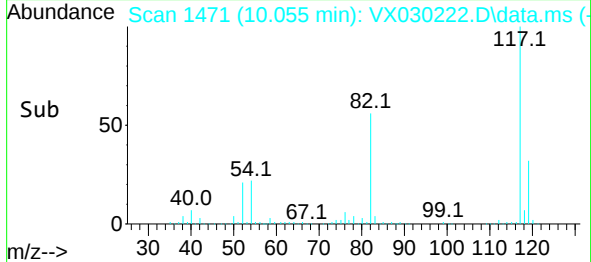
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



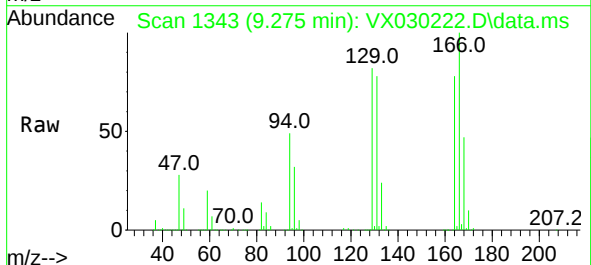
Tgt Ion:117 Resp: 275812
Ion Ratio Lower Upper
117 100
82 56.3 42.7 64.1
119 32.2 25.4 38.2

Manual Integrations
APPROVED

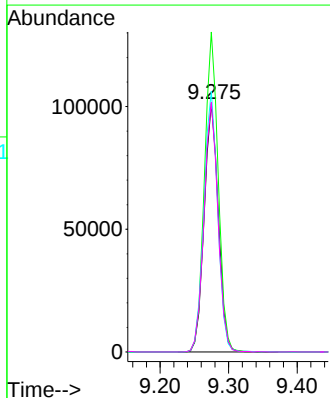
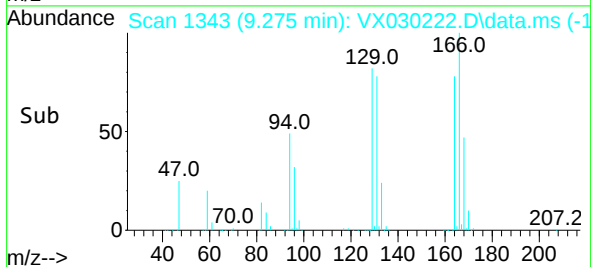
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

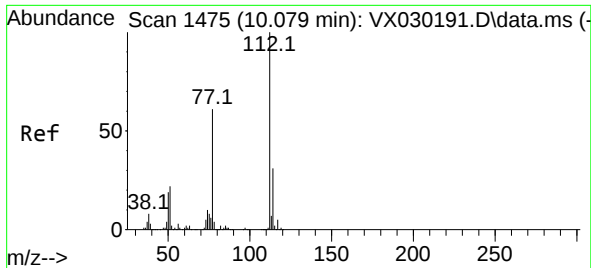


#64
Tetrachloroethene
Concen: 48.972 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



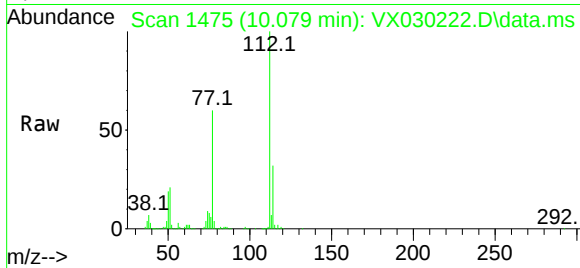
Tgt Ion:164 Resp: 145413
Ion Ratio Lower Upper
164 100
166 128.8 98.2 147.4
129 105.0 80.8 121.2
131 100.4 75.5 113.3





#65
Chlorobenzene
Concen: 49.332 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

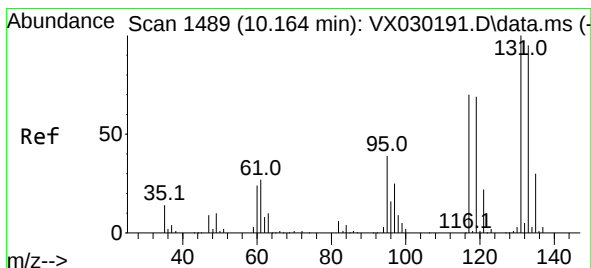
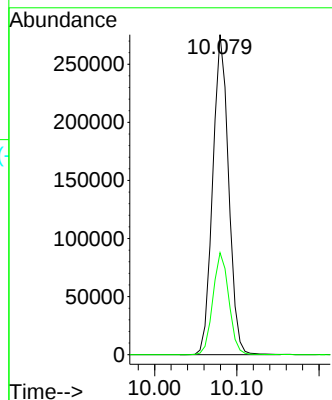
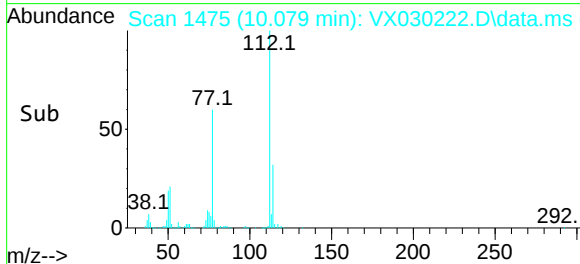
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



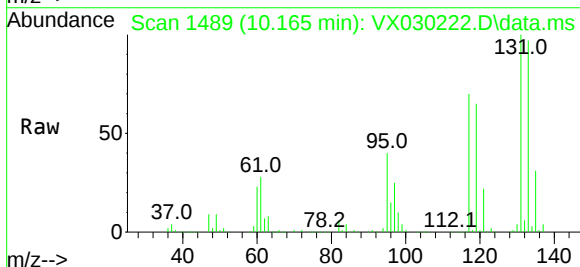
Tgt Ion:112 Resp: 369602
Ion Ratio Lower Upper
112 100
114 31.8 24.6 36.8

Manual Integrations
APPROVED

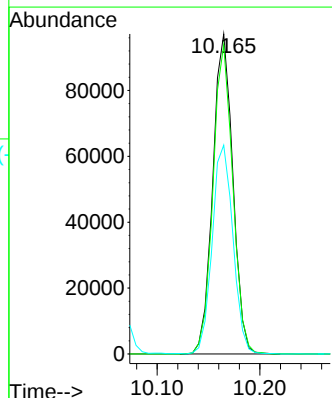
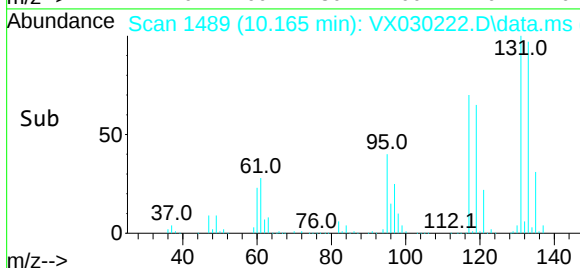
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

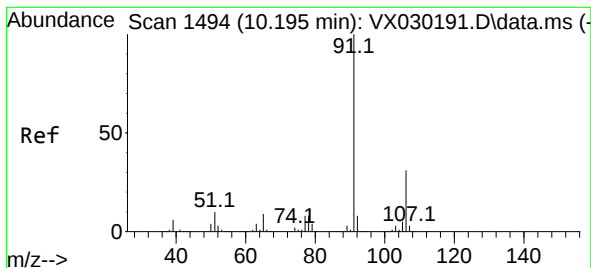


#66
1,1,1,2-Tetrachloroethane
Concen: 51.601 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



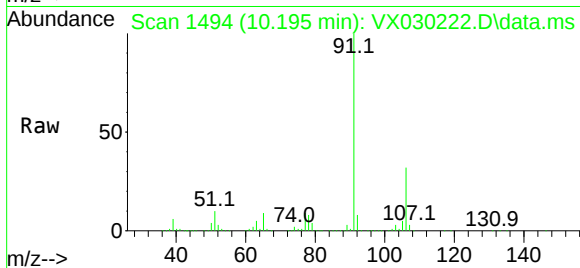
Tgt Ion:131 Resp: 131424
Ion Ratio Lower Upper
131 100
133 95.6 46.9 140.8
119 67.7 34.4 103.1





#67
Ethyl Benzene
Concen: 48.504 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

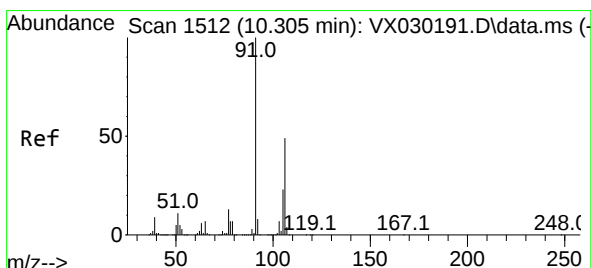
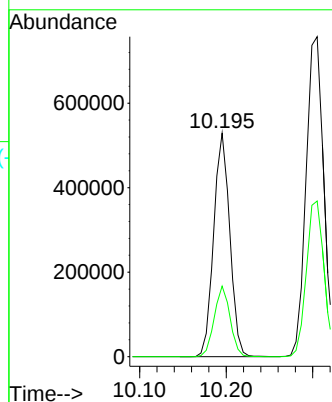
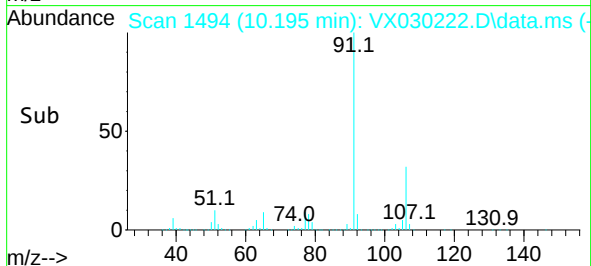
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



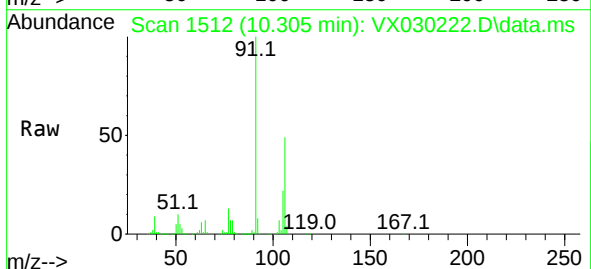
Tgt Ion: 91 Resp: 68495
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3

Manual Integrations
APPROVED

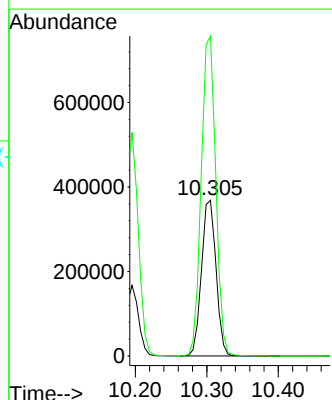
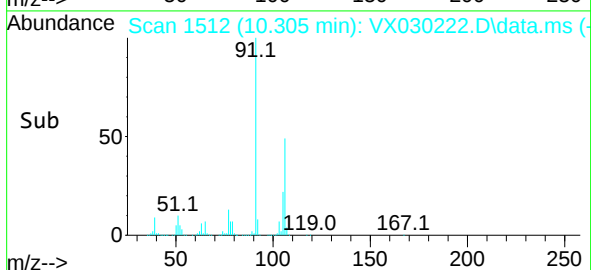
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

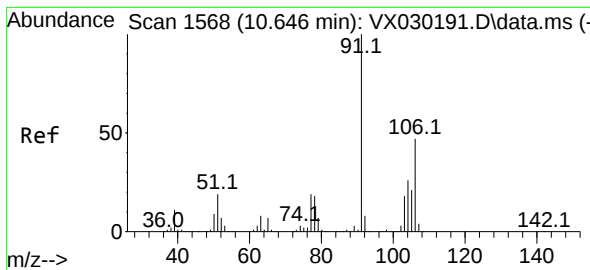


#68
m/p-Xylenes
Concen: 102.537 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



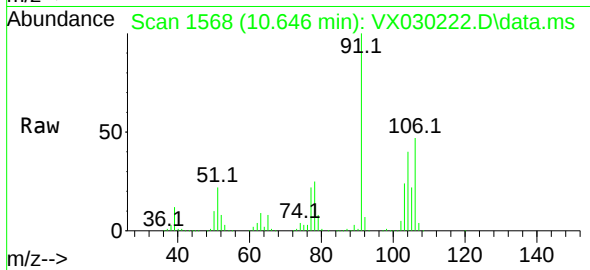
Tgt Ion:106 Resp: 520421
Ion Ratio Lower Upper
106 100
91 205.3 158.2 237.4





#69
o-Xylene
Concen: 50.756 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

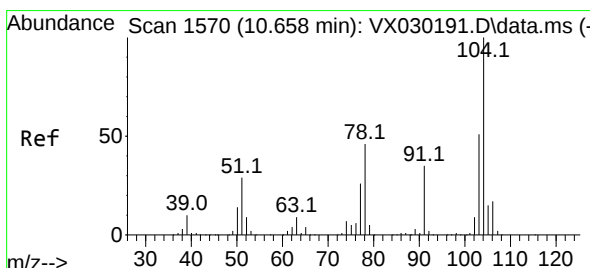
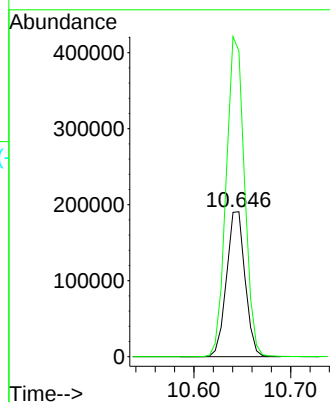
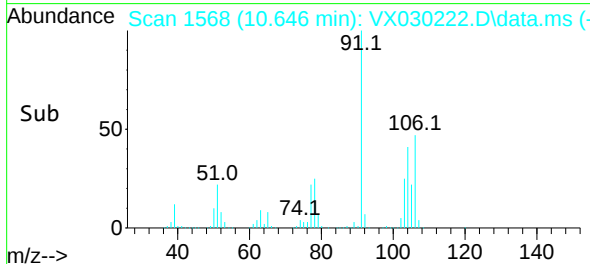
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 25389
Ion Ratio Lower Upper
106 100
91 217.9 103.8 311.6

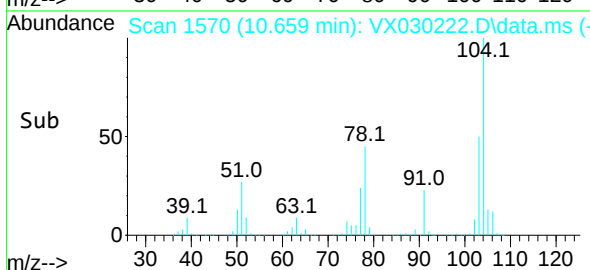
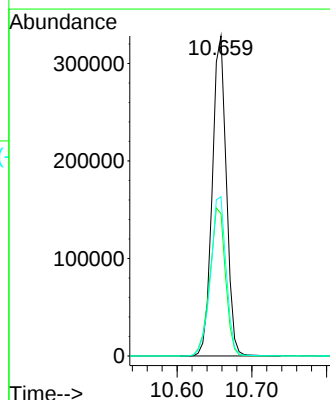
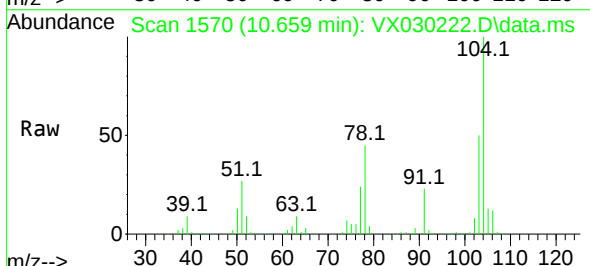
Manual Integrations
APPROVED

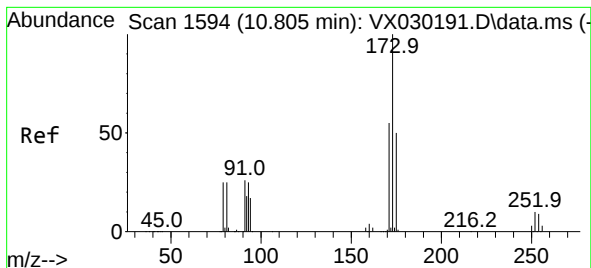
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#70
Styrene
Concen: 52.313 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

Tgt Ion:104 Resp: 429934
Ion Ratio Lower Upper
104 100
78 51.4 37.8 56.8
103 55.0 44.5 66.7





#71

Bromoform

Concen: 54.147 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 101380

Ion Ratio Lower Upper

173 100

175 48.4 23.8 71.2

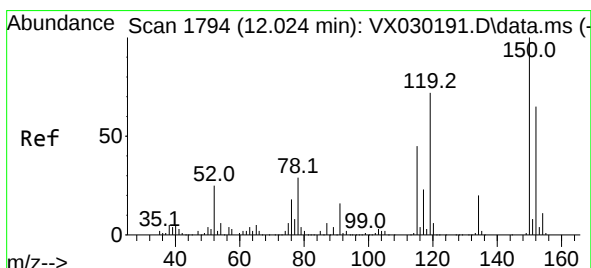
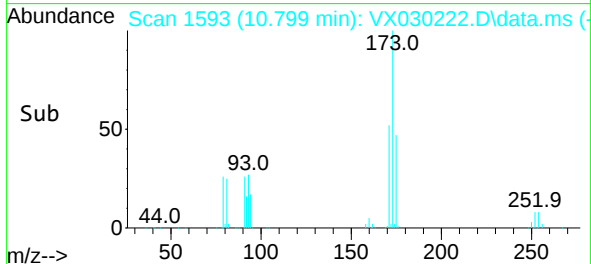
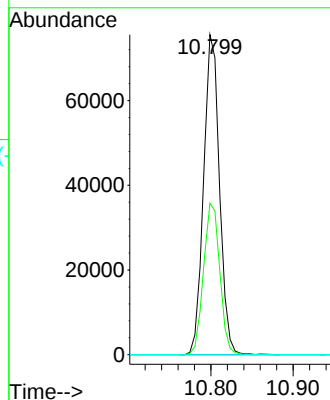
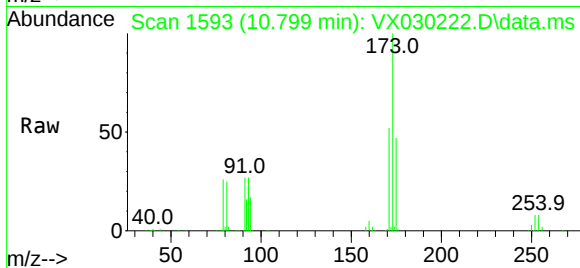
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

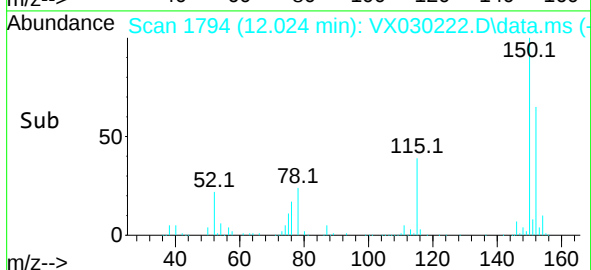
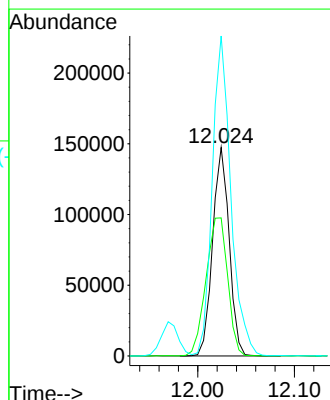
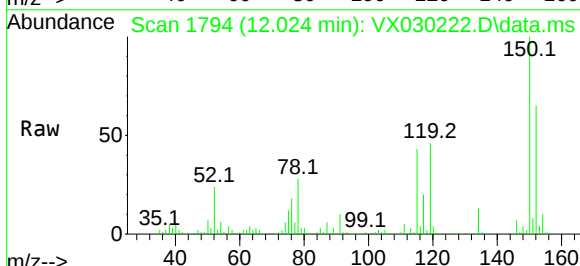
Tgt Ion:152 Resp: 174843

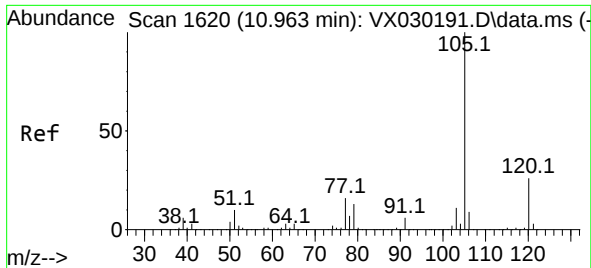
Ion Ratio Lower Upper

152 100

115 87.3 40.5 121.5

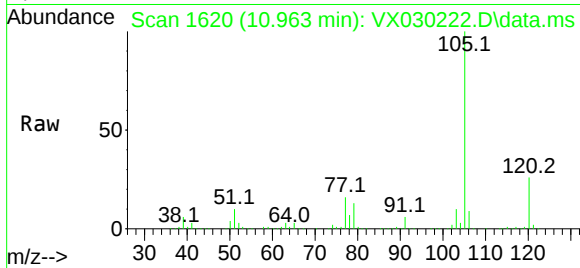
150 173.5 0.0 347.0





#73
Isopropylbenzene
Concen: 49.109 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

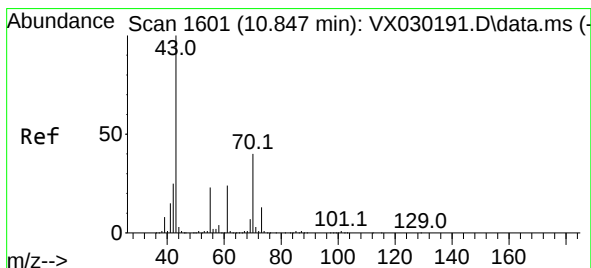
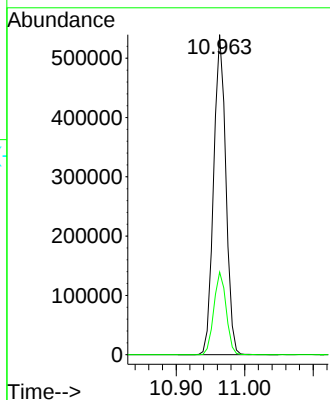
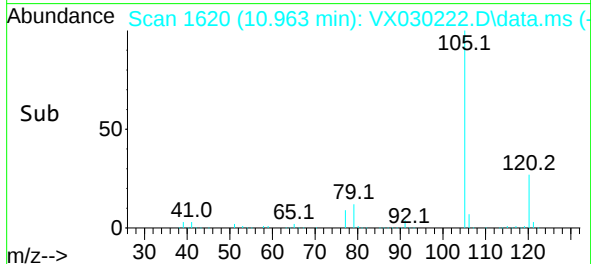
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



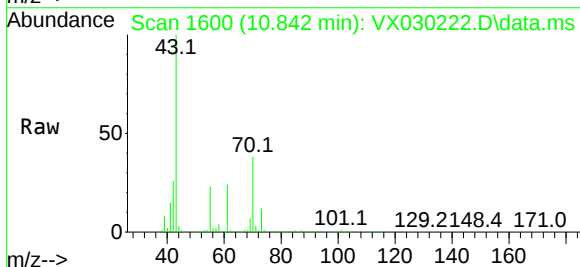
Tgt Ion:105 Resp: 670308
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

Manual Integrations
APPROVED

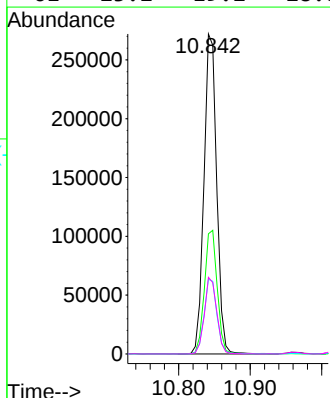
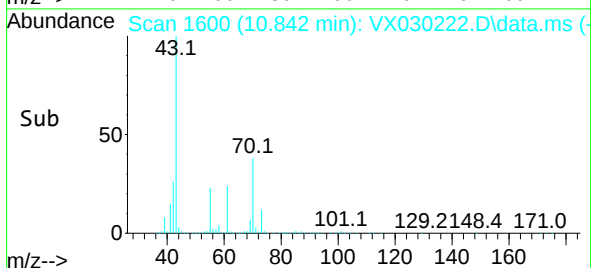
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

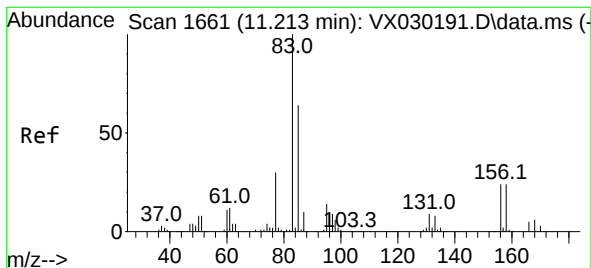


#74
N-ethyl acetate
Concen: 50.809 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.005 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



Tgt Ion: 43 Resp: 337058
Ion Ratio Lower Upper
43 100
70 38.8 32.3 48.5
55 23.4 18.4 27.6
61 23.2 19.2 28.8





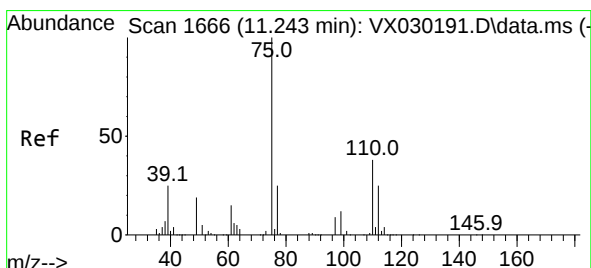
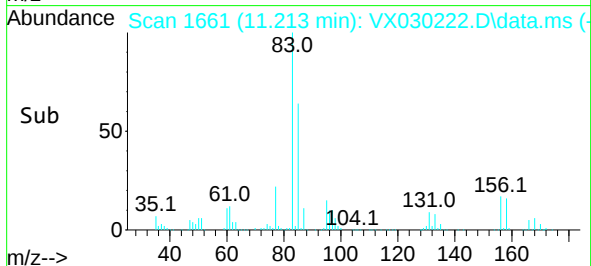
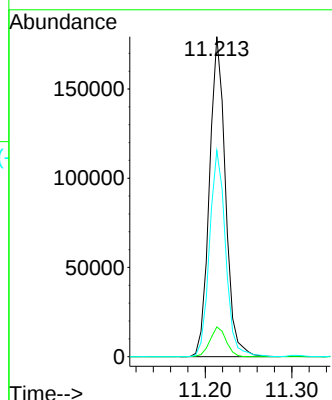
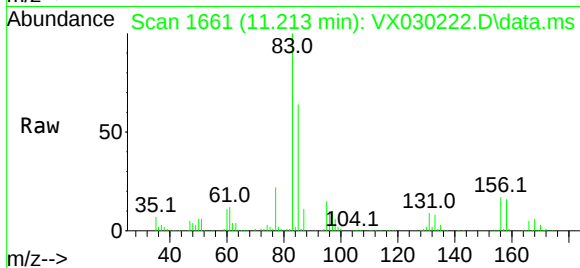
#75
1,1,2,2-Tetrachloroethane
Concen: 46.090 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 230262
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.7
85 64.6 32.5 97.5

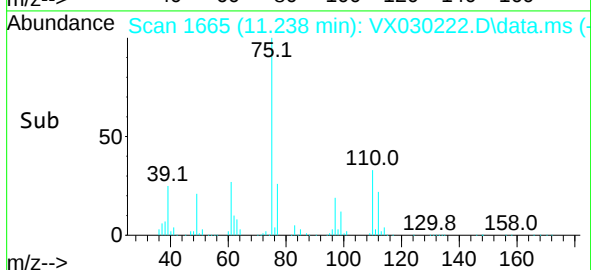
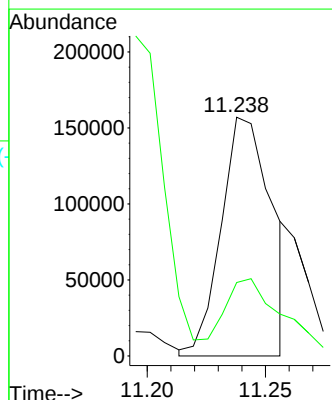
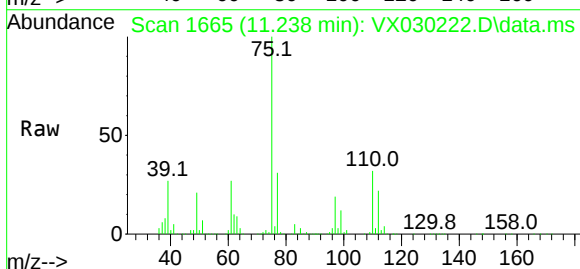
Manual Integrations
APPROVED

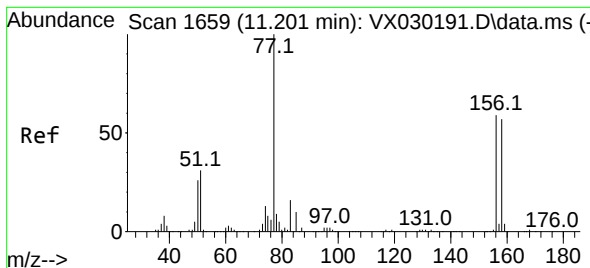
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#76
1,2,3-Trichloropropane
Concen: 50.513 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.005 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

Tgt Ion: 75 Resp: 232803
Ion Ratio Lower Upper
75 100
77 38.6 19.8 59.3





#77

Bromobenzene

Concen: 47.626 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 152578

Ion Ratio Lower Upper

156 100

77 177.3 82.7 247.9

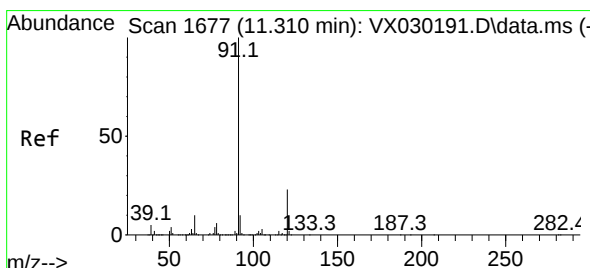
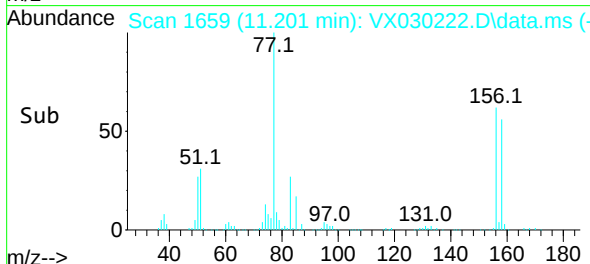
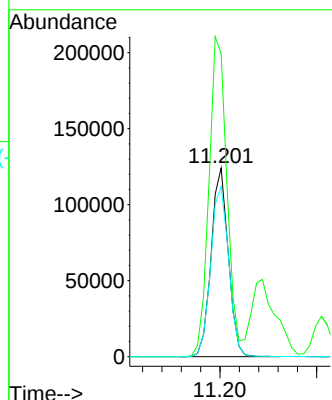
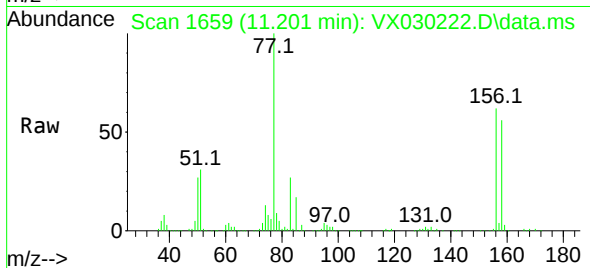
158 94.9 47.5 142.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#78

n-propylbenzene

Concen: 51.256 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.005 min

Lab File: VX030222.D

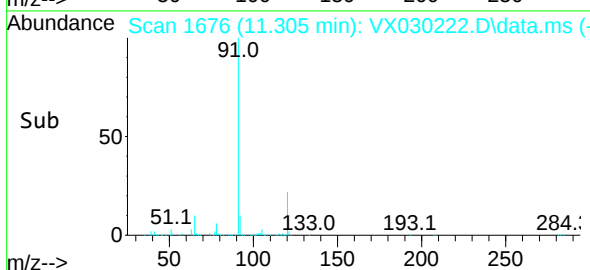
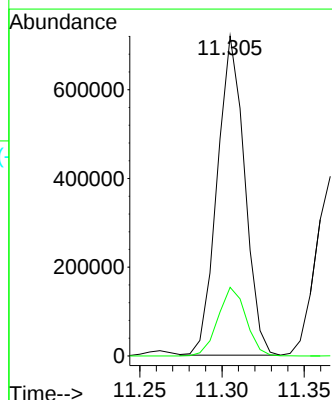
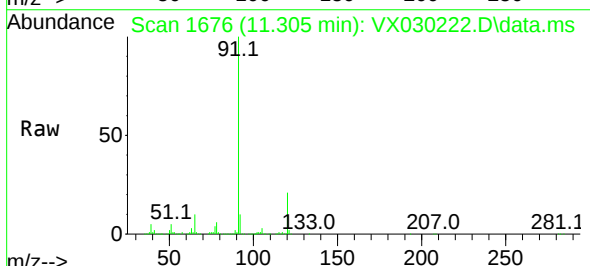
Acq: 27 Jul 2022 09:27

Tgt Ion: 91 Resp: 835016

Ion Ratio Lower Upper

91 100

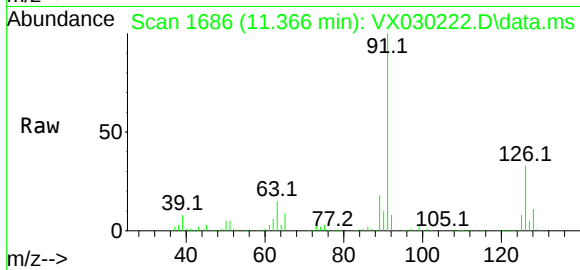
120 21.9 11.6 34.8





#79
2-Chlorotoluene
Concen: 47.125 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

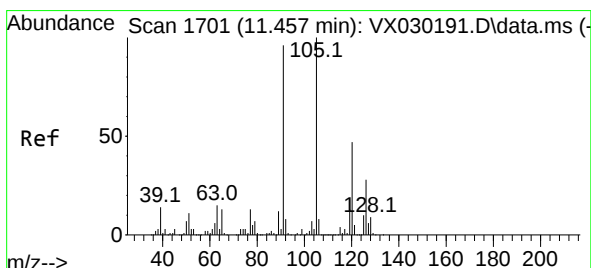
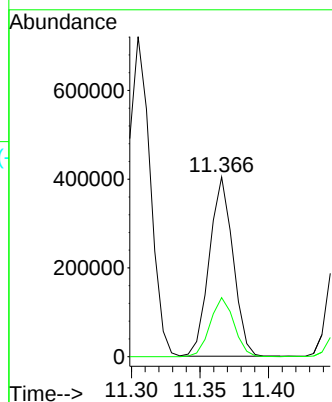
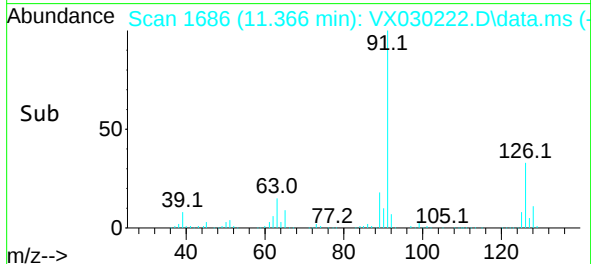
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 484800
Ion Ratio Lower Upper
91 100
126 33.2 17.4 52.3

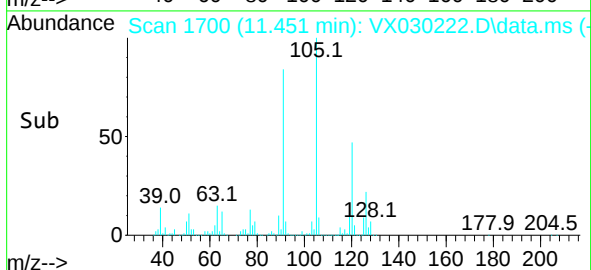
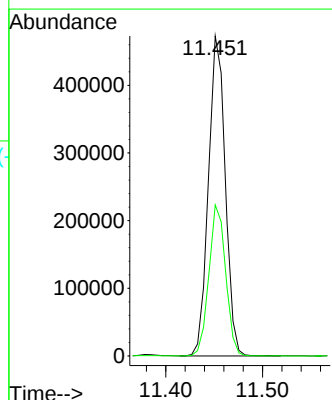
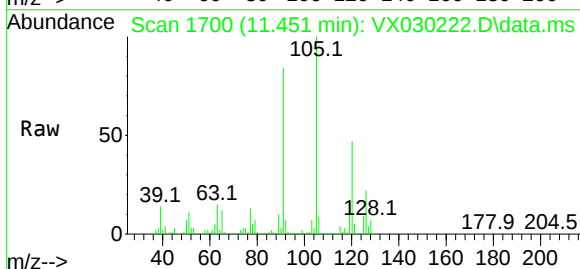
Manual Integrations
APPROVED

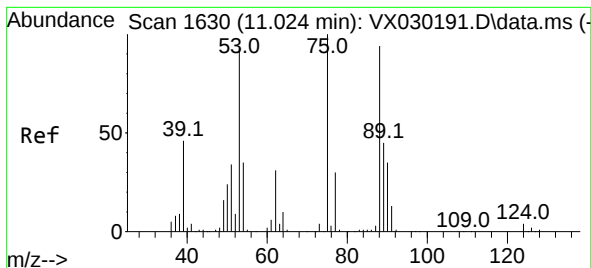
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.164 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

Tgt Ion:105 Resp: 573338
Ion Ratio Lower Upper
105 100
120 47.0 24.4 73.2





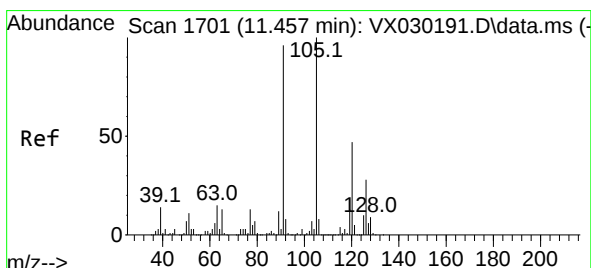
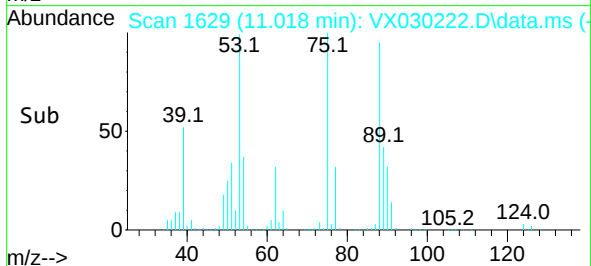
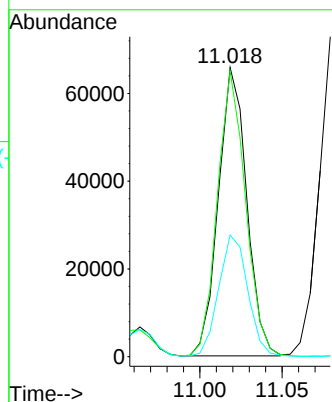
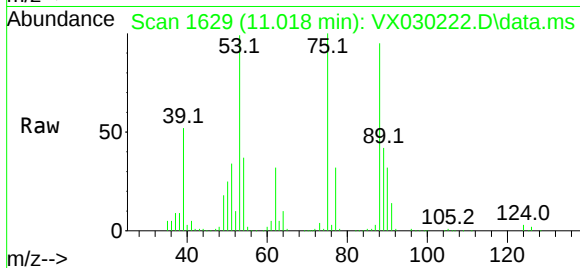
#81
trans-1,4-Dichloro-2-butene
Concen: 51.307 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 7882
Ion Ratio Lower Upper
75 100
53 98.4 74.2 111.4
89 43.3 34.8 52.2

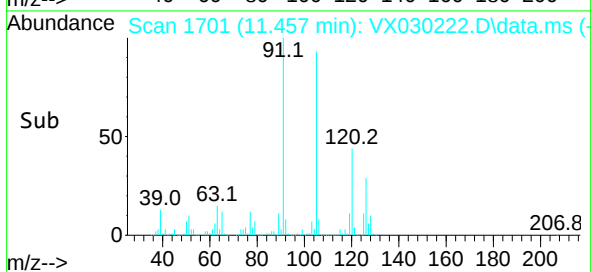
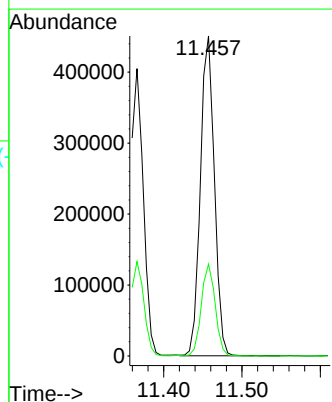
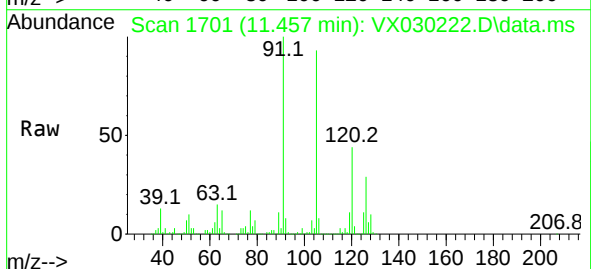
Manual Integrations
APPROVED

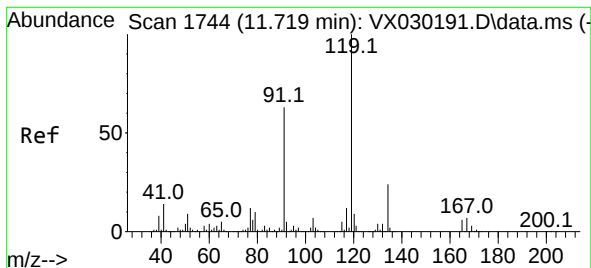
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#82
4-Chlorotoluene
Concen: 49.875 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

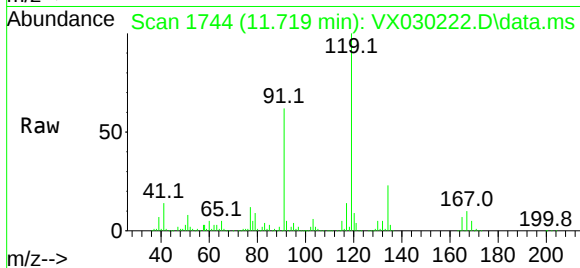
Tgt Ion: 91 Resp: 560597
Ion Ratio Lower Upper
91 100
126 28.5 15.3 45.9





#83
tert-Butylbenzene
Concen: 49.795 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

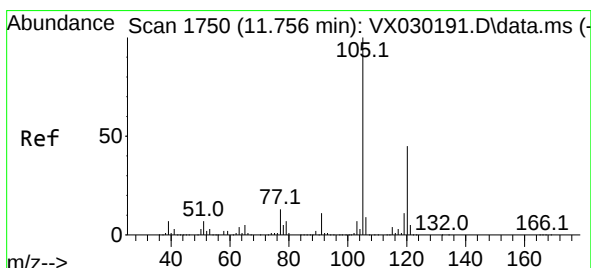
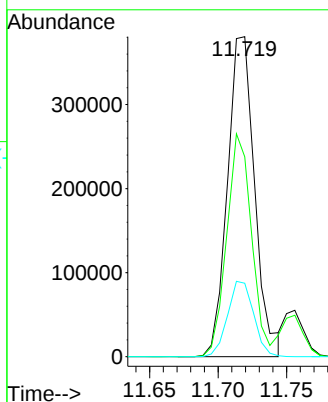
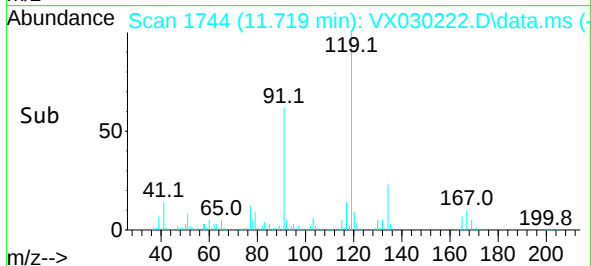
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



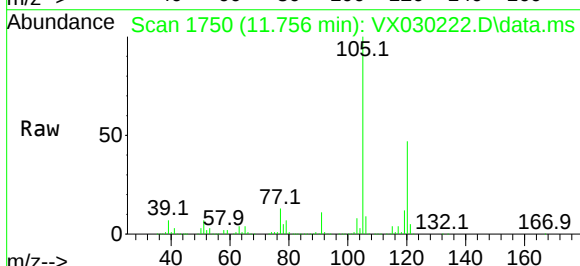
Tgt Ion:119 Resp: 527498
Ion Ratio Lower Upper
119 100
91 63.4 28.3 84.9
134 22.6 11.2 33.5

Manual Integrations
APPROVED

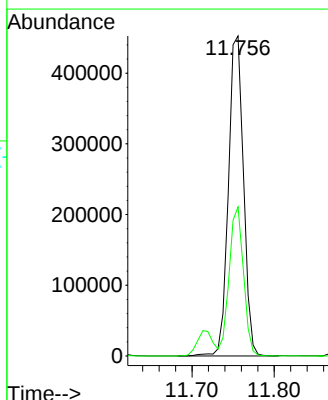
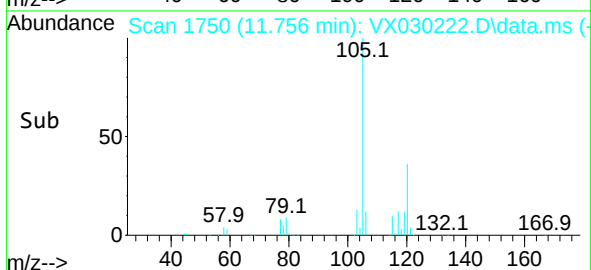
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

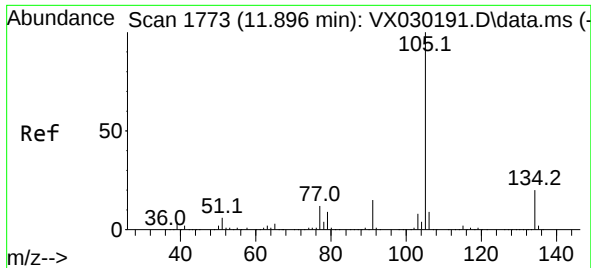


#84
1,2,4-Trimethylbenzene
Concen: 50.525 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



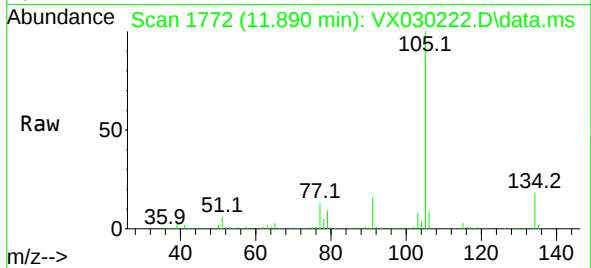
Tgt Ion:105 Resp: 576105
Ion Ratio Lower Upper
105 100
120 44.3 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 51.327 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX030222.D
 Acq: 27 Jul 2022 09:27

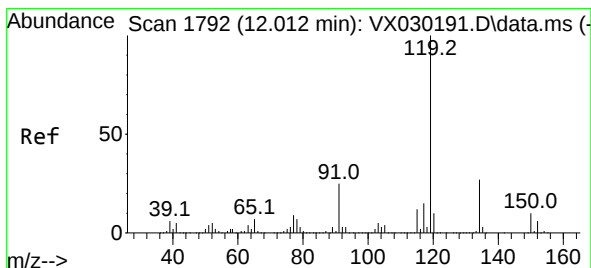
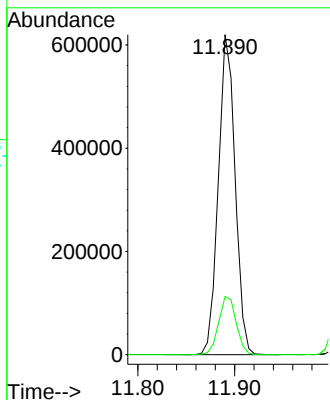
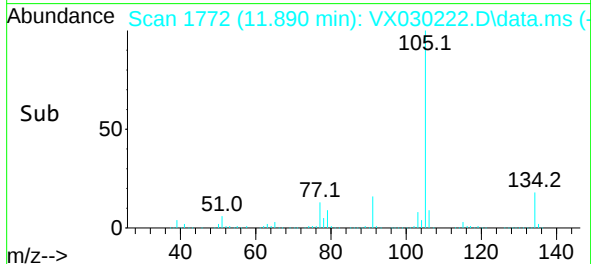
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



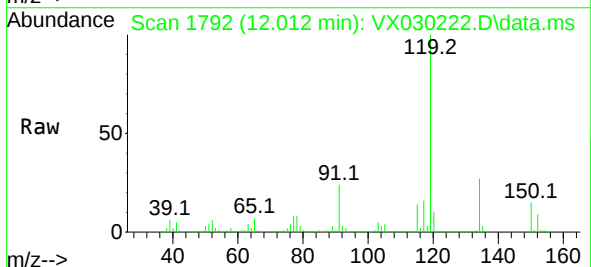
Tgt Ion:105 Resp: 74421
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.0 30.0

Manual Integrations
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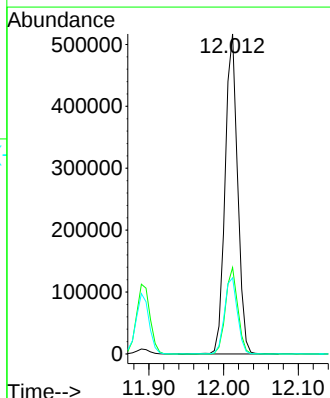
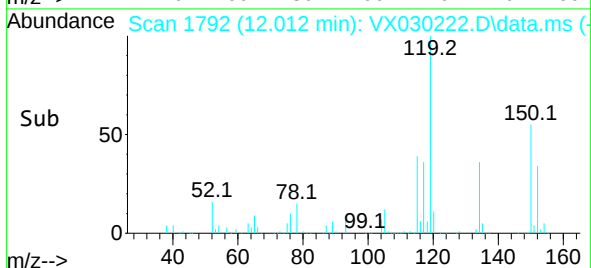
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

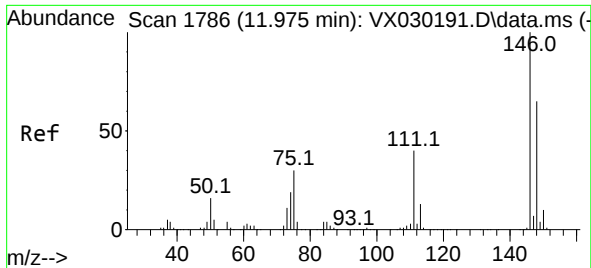


#86
 p-Isopropyltoluene
 Concen: 51.776 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030222.D
 Acq: 27 Jul 2022 09:27



Tgt Ion:119 Resp: 600611
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.9 41.6
 91 24.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 48.387 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 301470

Ion Ratio Lower Upper

146 100

111 42.1 20.3 60.8

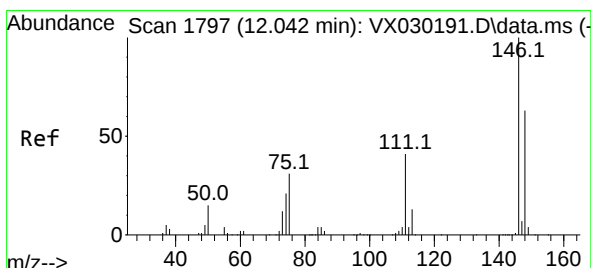
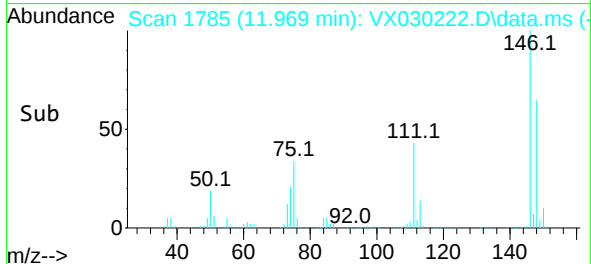
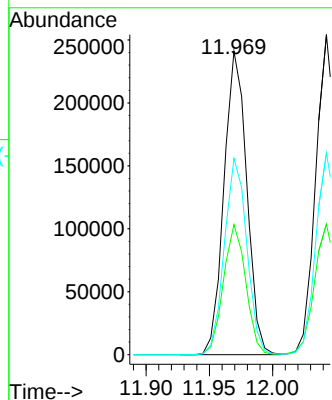
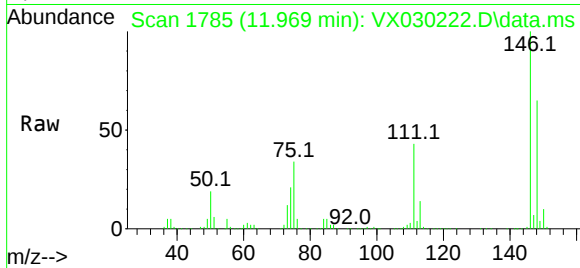
148 63.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#88

1,4-Dichlorobenzene

Concen: 47.517 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

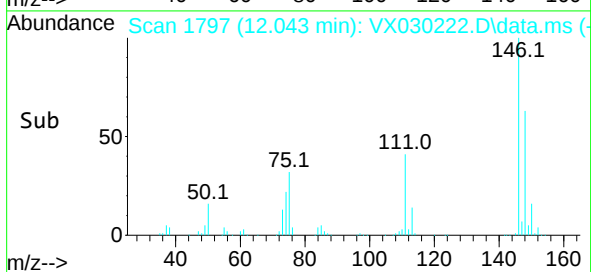
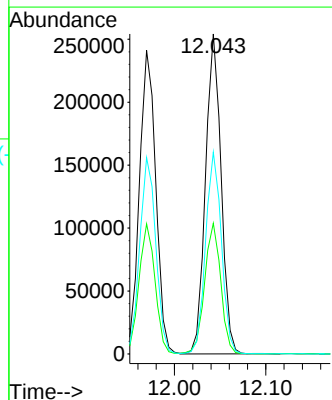
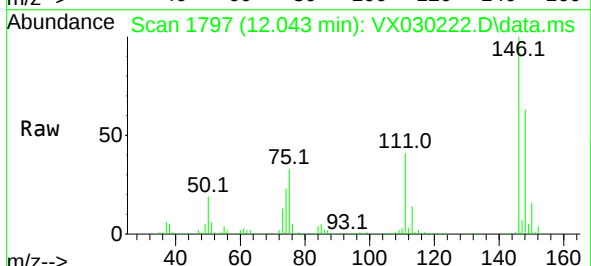
Tgt Ion:146 Resp: 301378

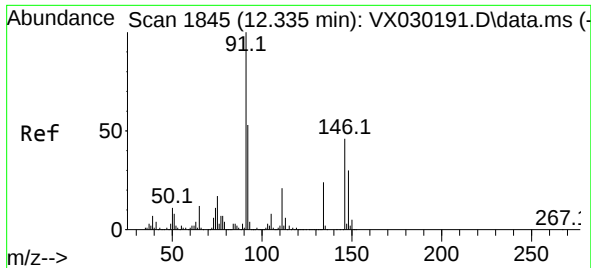
Ion Ratio Lower Upper

146 100

111 42.2 20.3 60.9

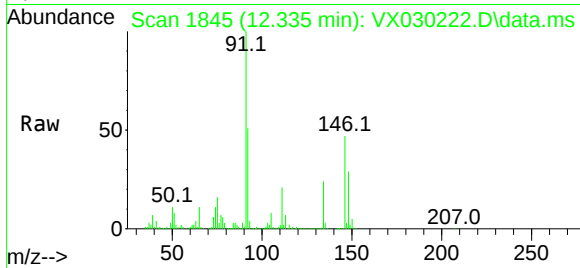
148 64.0 32.3 96.8





#89
n-Butylbenzene
Concen: 56.797 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

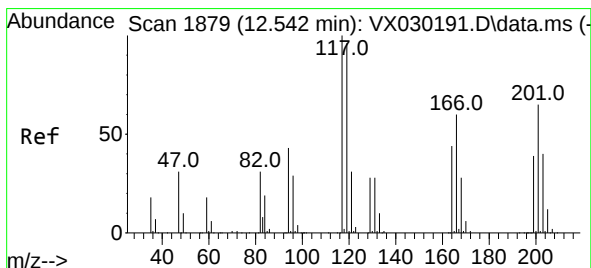
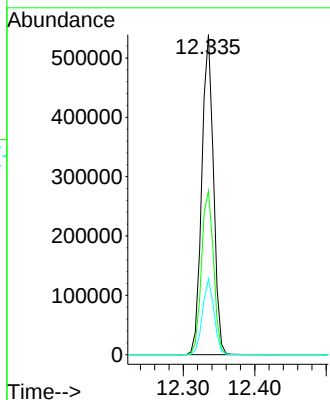
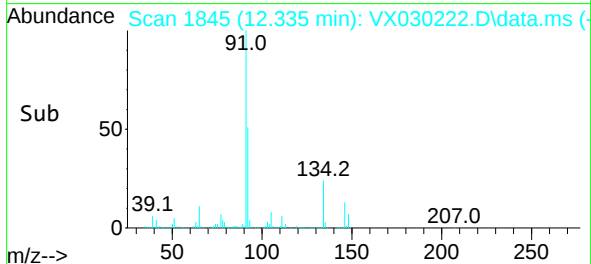
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



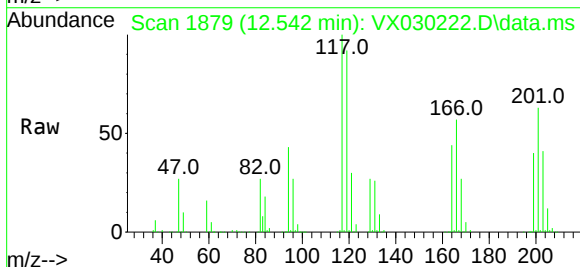
Tgt Ion: 91 Resp: 613400
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 23.4 12.6 37.8

Manual Integrations
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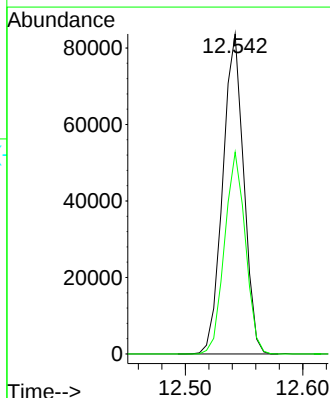
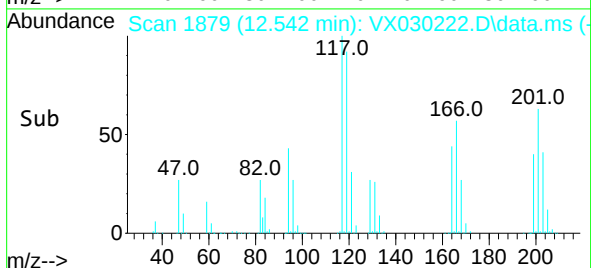
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

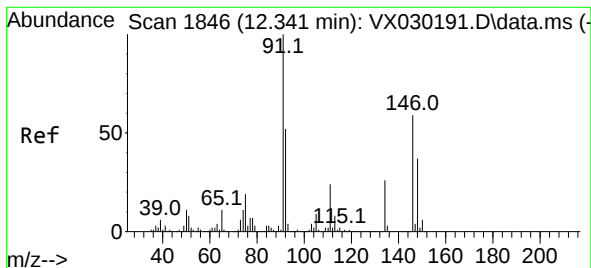


#90
Hexachloroethane
Concen: 52.156 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27



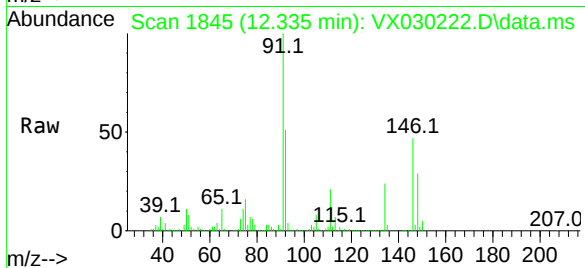
Tgt Ion:117 Resp: 104170
Ion Ratio Lower Upper
117 100
201 62.5 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 50.098 ug/l
RT: 12.335 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

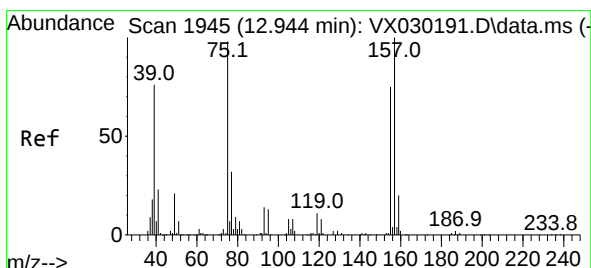
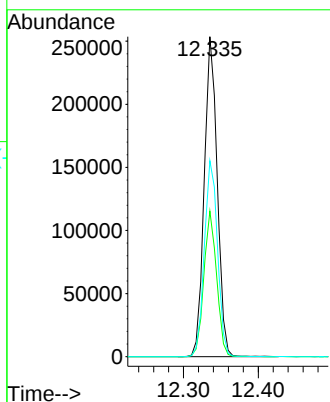
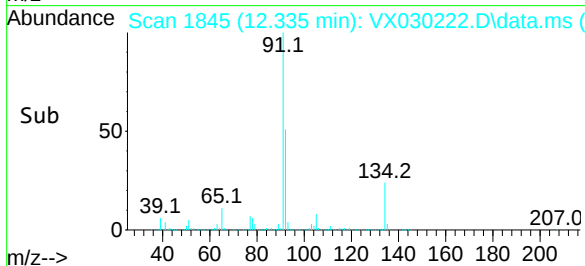
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 306379
Ion Ratio Lower Upper
146 100
111 44.6 20.7 62.1
148 62.1 32.0 96.2

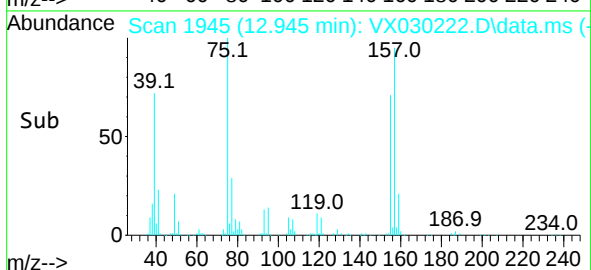
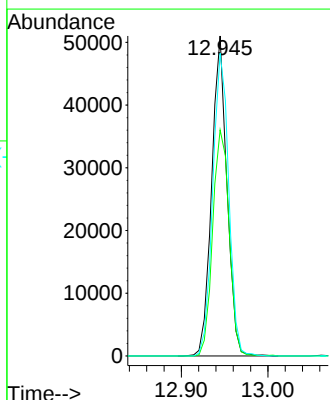
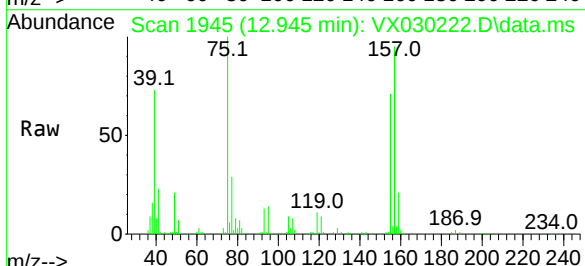
Manual Integrations
APPROVED

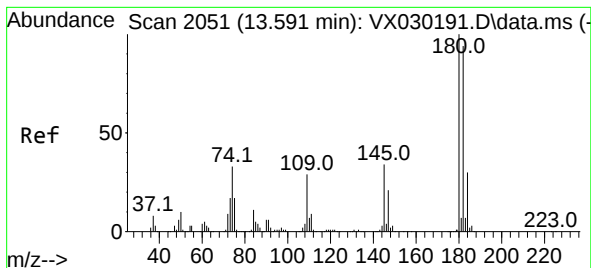
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.115 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

Tgt Ion: 75 Resp: 62446
Ion Ratio Lower Upper
75 100
155 76.0 45.0 134.8
157 98.9 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 54.219 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

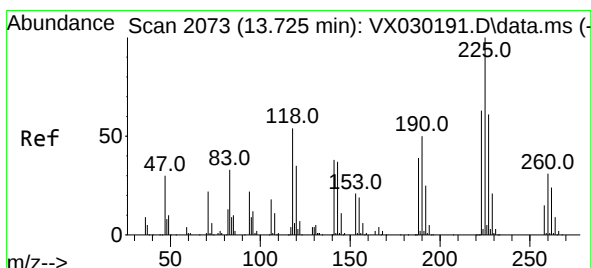
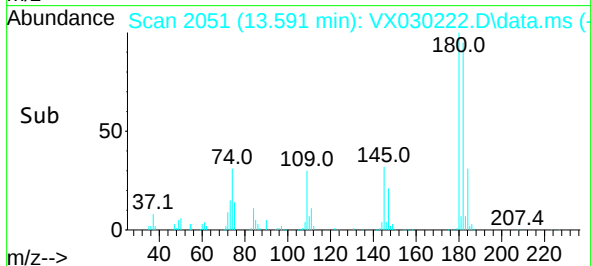
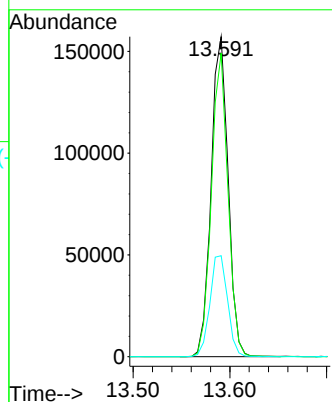
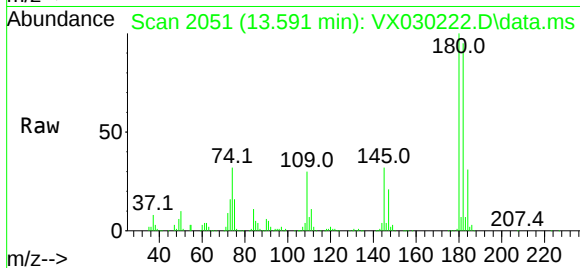
Tgt Ion:180	Resp: 192280
Ion Ratio	Lower Upper
180 100	
182 92.5	48.2 144.6
145 32.8	15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#94

Hexachlorobutadiene

Concen: 52.680 ug/l

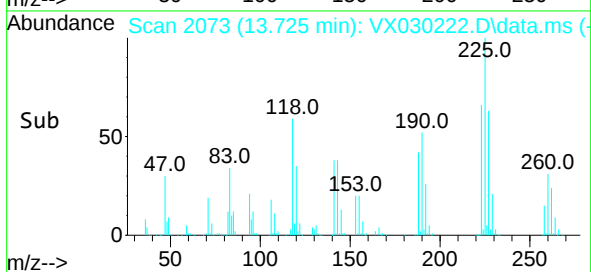
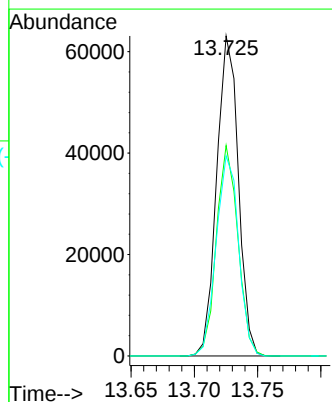
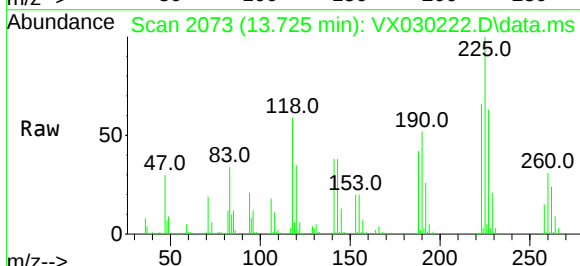
RT: 13.725 min Scan# 2073

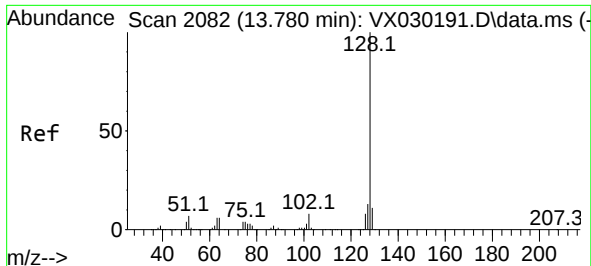
Delta R.T. 0.000 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

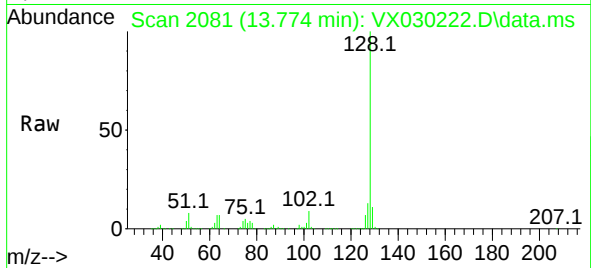
Tgt Ion:225	Resp: 75016
Ion Ratio	Lower Upper
225 100	
223 65.1	30.6 91.6
227 64.7	31.9 95.9





#95
Naphthalene
Concen: 54.689 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

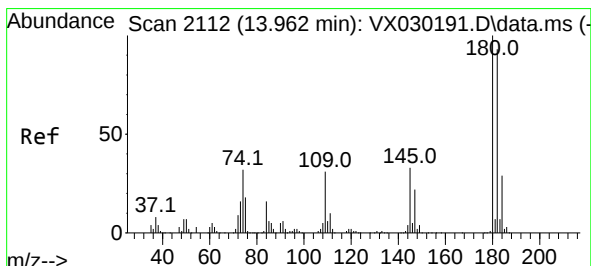
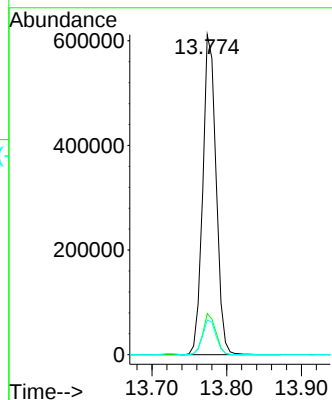
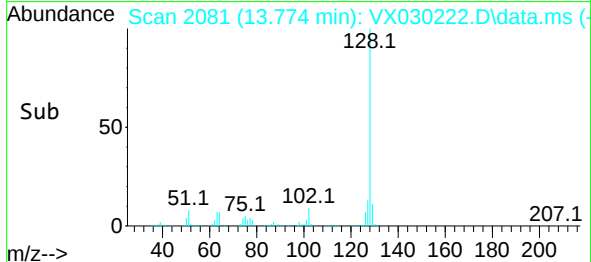
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 757590
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 53.410 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.001 min
Lab File: VX030222.D
Acq: 27 Jul 2022 09:27

Tgt Ion:180 Resp: 194260
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.0
145 34.7 17.0 50.9

