

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
 Data File : VX030191.D
 Acq On : 25 Jul 2022 13:45
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

Quant Time: Jul 25 16:13:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:09:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	151016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258592	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	154245	49.594	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.180%			
35) Dibromofluoromethane	5.391	113	126033	50.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.560%			
50) Toluene-d8	8.652	98	497640	51.655	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.320%			
62) 4-Bromofluorobenzene	11.085	95	187610	52.764	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	132025	51.514	ug/l	99
3) Chloromethane	1.288	50	122115	49.822	ug/l	98
4) Vinyl Chloride	1.373	62	122849	49.662	ug/l	100
5) Bromomethane	1.599	94	45523	38.776	ug/l	99
6) Chloroethane	1.678	64	69021	49.141	ug/l	95
7) Trichlorofluoromethane	1.879	101	162470	50.152	ug/l	96
8) Diethyl Ether	2.135	74	62299	49.142	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.324	101	116495	48.546	ug/l	99
10) Methyl Iodide	2.446	142	128993	59.853	ug/l	97
11) Tert butyl alcohol	2.977	59	184627	251.475	ug/l	96
12) 1,1-Dichloroethene	2.318	96	117469	50.018	ug/l	97
13) Acrolein	2.239	56	41535	214.418	ug/l	97
14) Allyl chloride	2.666	41	234487	48.377	ug/l	97
15) Acrylonitrile	3.068	53	465856	254.567	ug/l	99
16) Acetone	2.385	43	382064	245.445	ug/l	97
17) Carbon Disulfide	2.507	76	311623	49.223	ug/l	98
18) Methyl Acetate	2.708	43	218408	47.910	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	415683	51.569	ug/l	95
20) Methylene Chloride	2.788	84	142809	39.789	ug/l	97
21) trans-1,2-Dichloroethene	3.092	96	128896	50.012	ug/l	99
22) Diisopropyl ether	3.769	45	478146	52.105	ug/l	88
23) Vinyl Acetate	3.727	43	2130108	266.824	ug/l	98
24) 1,1-Dichloroethane	3.611	63	241279	49.507	ug/l	99
25) 2-Butanone	4.568	43	666629	255.620	ug/l	96
26) 2,2-Dichloropropane	4.476	77	166767	48.108	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	151105	49.548	ug/l	94
28) Bromochloromethane	4.903	49	99464	47.231	ug/l	95
29) Tetrahydrofuran	5.013	42	444364	253.810	ug/l	96
30) Chloroform	5.098	83	241820	50.199	ug/l	98
31) Cyclohexane	5.470	56	221219	50.473	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	199138	50.812	ug/l	99
36) 1,1-Dichloropropene	5.696	75	178150	50.369	ug/l	97
37) Ethyl Acetate	4.720	43	248732	50.020	ug/l	97
38) Carbon Tetrachloride	5.683	117	167014	50.670	ug/l	98
39) Methylcyclohexane	7.384	83	220907	49.287	ug/l	95
40) Benzene	6.043	78	563239	50.939	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	137561	51.356	ug/l	96
42) 1,2-Dichloroethane	6.092	62	193124	50.432	ug/l	97
43) Isopropyl Acetate	6.348	43	375546	51.412	ug/l	98
44) Trichloroethene	7.128	130	145596	48.122	ug/l	95
45) 1,2-Dichloropropane	7.433	63	147359	49.880	ug/l	99
46) Dibromomethane	7.586	93	98601	49.213	ug/l	98
47) Bromodichloromethane	7.829	83	185253	50.701	ug/l	97
48) Methyl methacrylate	7.695	41	185997	51.647	ug/l	96
49) 1,4-Dioxane	7.665	88	81077	980.057	ug/l	95
51) 4-Methyl-2-Pentanone	8.579	43	1280384	257.553	ug/l	98
52) Toluene	8.720	92	349044	51.710	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	204933	52.354	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	220990	51.612	ug/l	94
55) 1,1,2-Trichloroethane	9.158	97	145849	50.936	ug/l	99
56) Ethyl methacrylate	9.122	69	241103	53.065	ug/l	95
57) 1,3-Dichloropropane	9.311	76	238092	50.154	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	625677	269.659	ug/l	98
59) 2-Hexanone	9.433	43	1027336	263.064	ug/l	97
60) Dibromochloromethane	9.524	129	140267	52.801	ug/l	99
61) 1,2-Dibromoethane	9.616	107	152586	50.910	ug/l	98
64) Tetrachloroethene	9.274	164	143385	48.936	ug/l	98
65) Chlorobenzene	10.079	112	366192	50.084	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	129852	51.947	ug/l	98
67) Ethyl Benzene	10.195	91	670555	46.757	ug/l	98
68) m/p-Xylenes	10.305	106	517353	104.679	ug/l	96
69) o-Xylene	10.646	106	254061	52.173	ug/l	95
70) Styrene	10.658	104	431430	53.974	ug/l	97
71) Bromoform	10.805	173	99947	54.552	ug/l	98
73) Isopropylbenzene	10.963	105	657851	49.353	ug/l	99
74) N-amyl acetate	10.847	43	335530	51.955	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	234400	48.222	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	217715m	45.395	ug/l	
77) Bromobenzene	11.201	156	154363	49.346	ug/l	94
78) n-propylbenzene	11.310	91	803636	50.712	ug/l	98
79) 2-Chlorotoluene	11.365	91	476716	47.572	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	561337	50.469	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	78634	52.604	ug/l	97
82) 4-Chlorotoluene	11.457	91	545248	49.909	ug/l	98
83) tert-Butylbenzene	11.719	119	516804	50.048	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	572075	51.360	ug/l	97
85) sec-Butylbenzene	11.896	105	720917	50.866	ug/l	98
86) p-Isopropyltoluene	12.012	119	575133	50.775	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	294685	48.592	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	296780	48.685	ug/l	99
89) n-Butylbenzene	12.335	91	543675	51.678	ug/l	99
90) Hexachloroethane	12.542	117	97010	49.735	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	293551	49.245	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	56628	47.603	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	171546	49.683	ug/l	99
94) Hexachlorobutadiene	13.725	225	67199	48.935	ug/l	99
95) Naphthalene	13.780	128	702430	51.633	ug/l	100
96) 1,2,3-Trichlorobenzene	13.962	180	176591	49.488	ug/l	100

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QLast Update : Mon Jul 25 16:09:28 2022
Response via : Initial Calibration

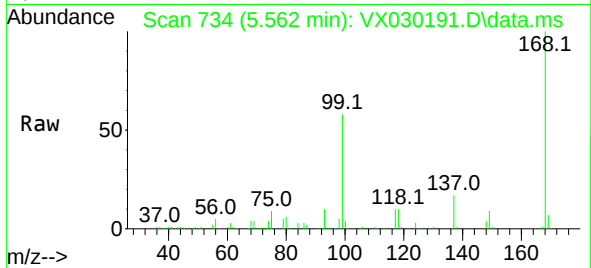
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

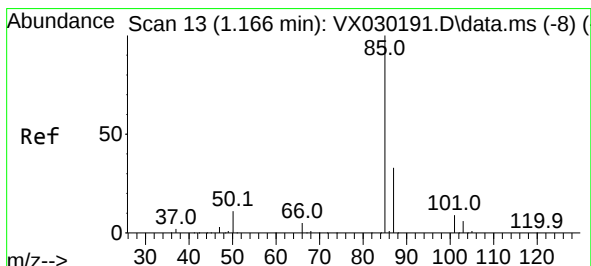
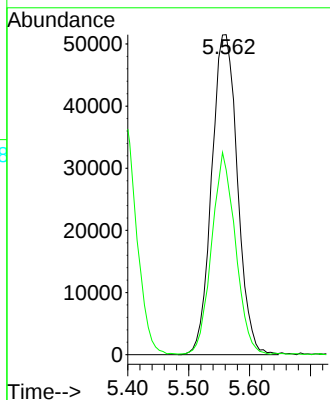
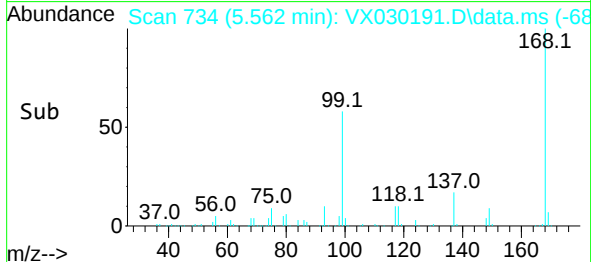
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



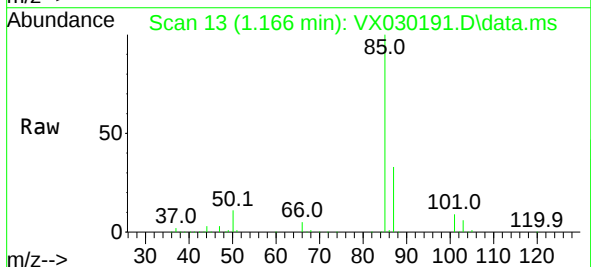
Tgt Ion:168 Resp: 151010
Ion Ratio Lower Upper
168 100
99 57.5 44.0 66.0

Manual Integrations
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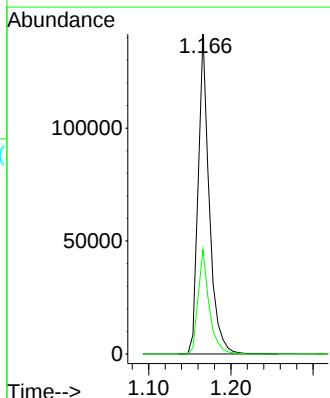
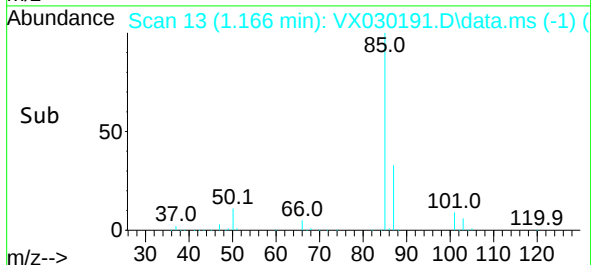
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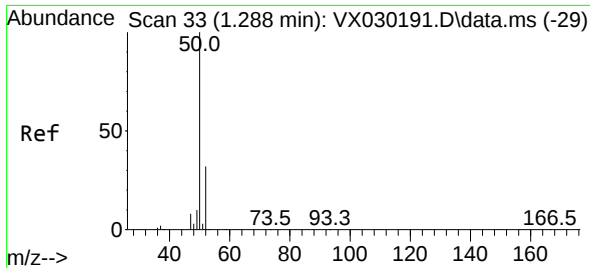


#2
Dichlorodifluoromethane
Concen: 51.514 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45



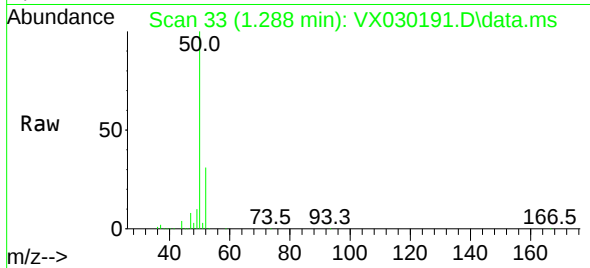
Tgt Ion: 85 Resp: 132025
Ion Ratio Lower Upper
85 100
87 32.6 16.5 49.5





#3
Chloromethane
Concen: 49.822 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

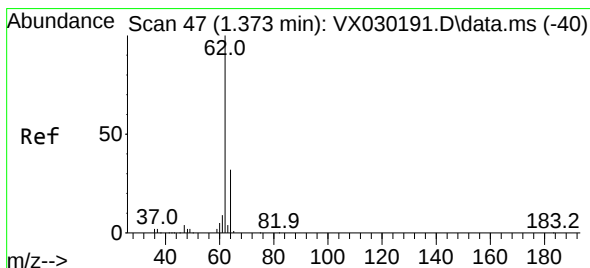
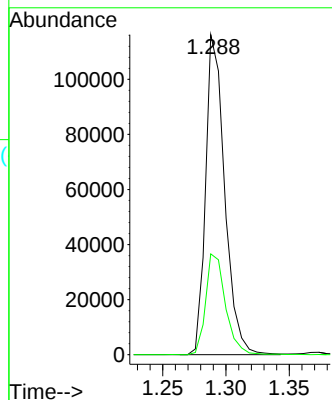
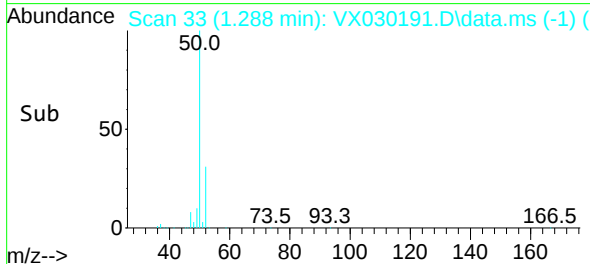
Instrument :
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Tgt Ion: 50 Resp: 122115
Ion Ratio Lower Upper
50 100
52 31.5 26.3 39.5

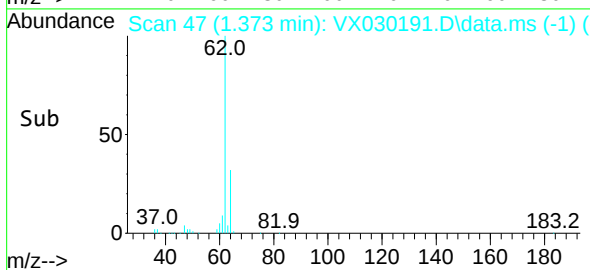
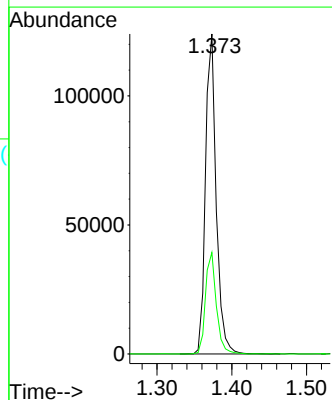
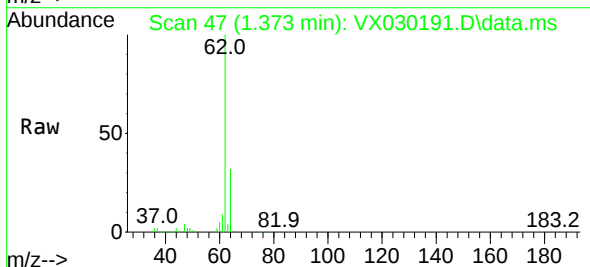
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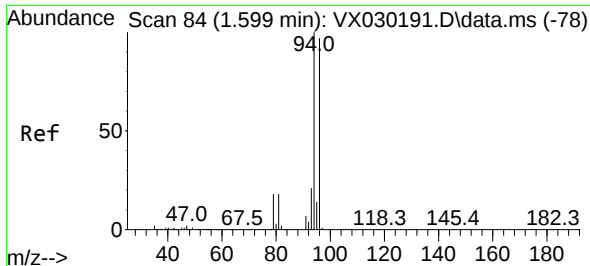
Reviewed By :John Carlone 07/26/2022
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#4
Vinyl Chloride
Concen: 49.662 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

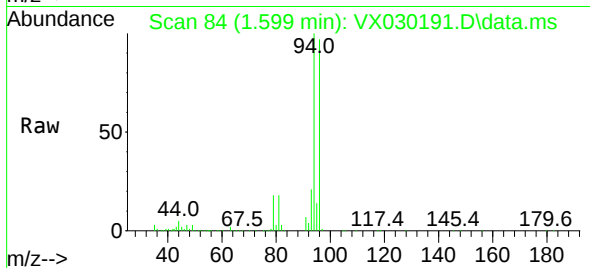
Tgt Ion: 62 Resp: 122849
Ion Ratio Lower Upper
62 100
64 31.7 25.2 37.8





#5
Bromomethane
Concen: 38.776 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

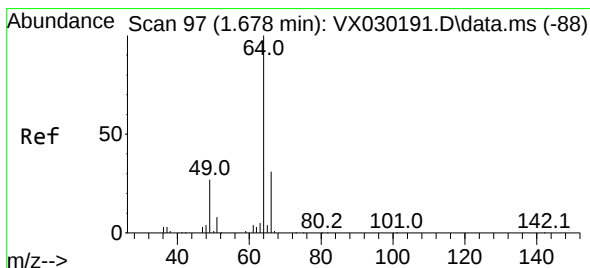
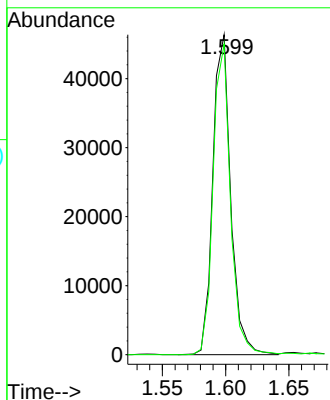
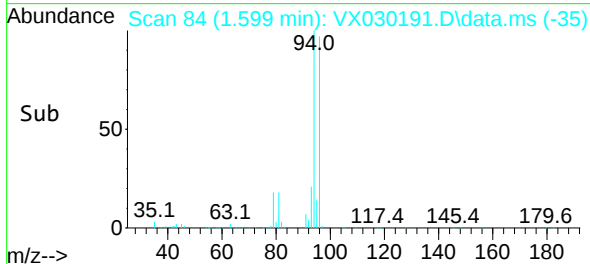
Instrument :
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Tgt Ion: 94 Resp: 4552
Ion Ratio Lower Upper
94 100
96 97.1 76.9 115.3

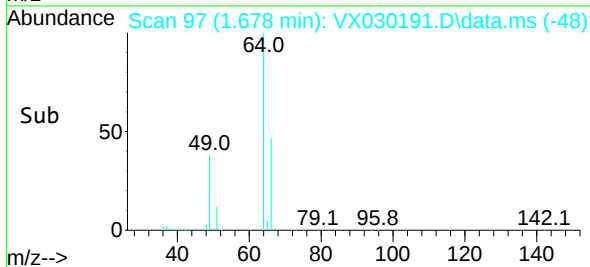
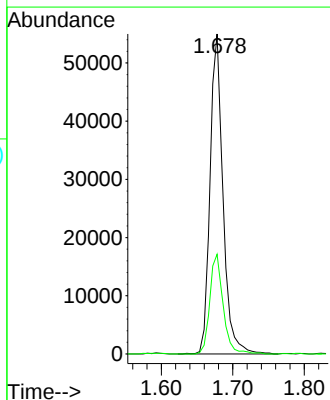
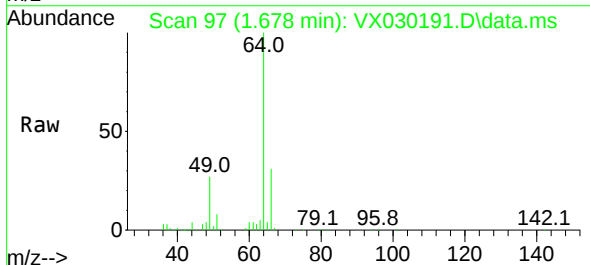
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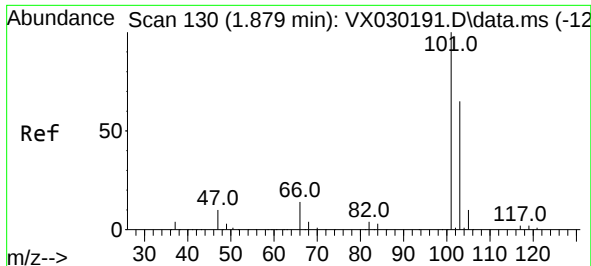
Reviewed By :John Carlone 07/26/2022
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#6
Chloroethane
Concen: 49.141 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

Tgt Ion: 64 Resp: 69021
Ion Ratio Lower Upper
64 100
66 31.1 27.2 40.8





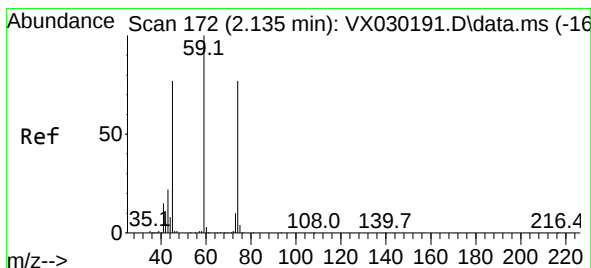
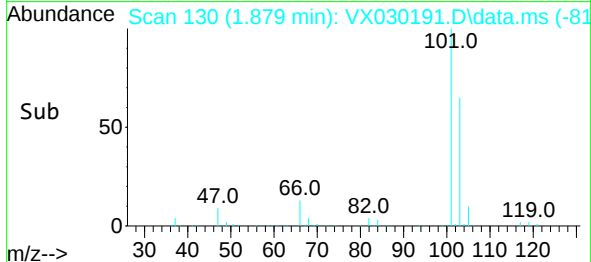
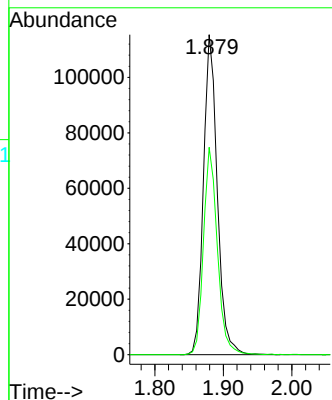
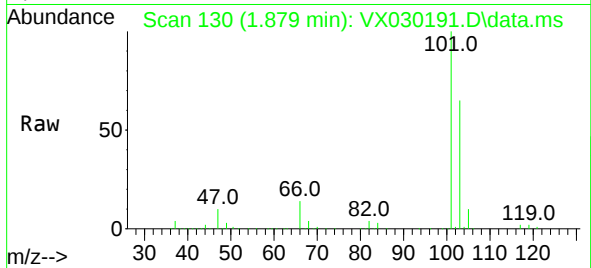
#7
 Trichlorofluoromethane
 Concen: 50.152 ug/l
 RT: 1.879 min Scan# 130
 Delta R.T. 0.000 min
 Lab File: VX030191.D
 Acq: 25 Jul 2022 13:45

Instrument :
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 VSTDICCC050

Tgt Ion:101 Resp: 162470
 Ion Ratio Lower Upper
 101 100
 103 64.8 49.7 74.5

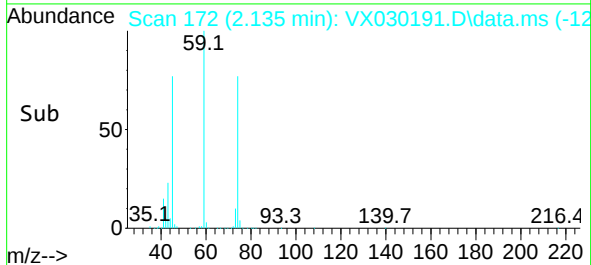
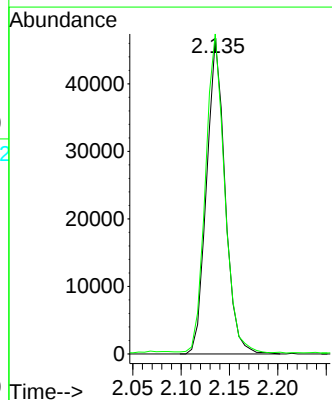
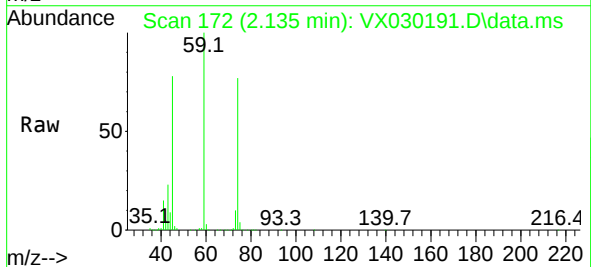
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#8
 Diethyl Ether
 Concen: 49.142 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX030191.D
 Acq: 25 Jul 2022 13:45

Tgt Ion: 74 Resp: 62299
 Ion Ratio Lower Upper
 74 100
 45 104.4 51.5 154.7





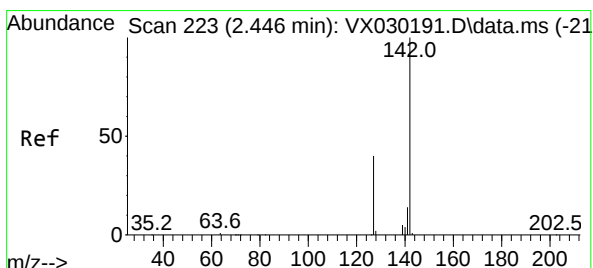
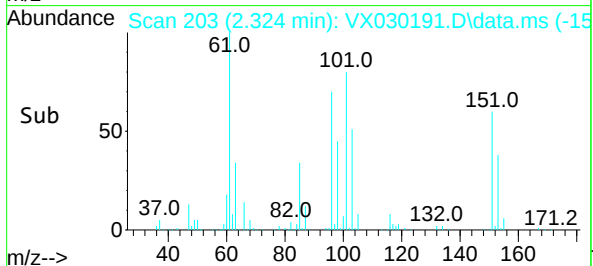
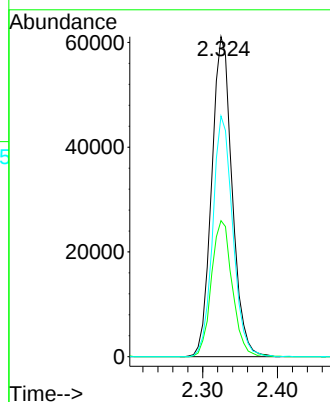
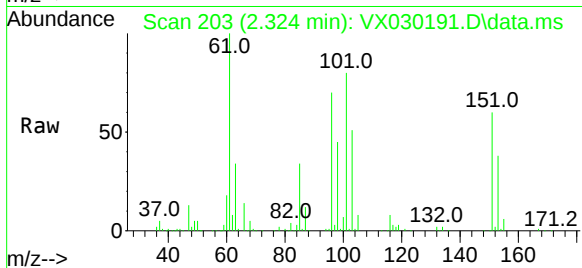
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.546 ug/l
RT: 2.324 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

Instrument :
MSVOA_X
Client Sample Id :
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Tgt Ion:101 Resp: 116495
Ion Ratio Lower Upper
101 100
85 43.4 34.0 51.0
151 73.8 59.4 89.0

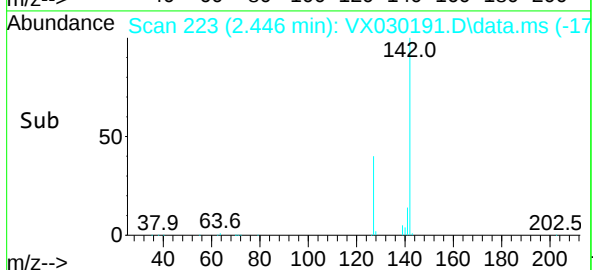
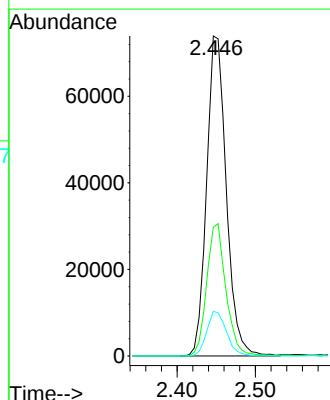
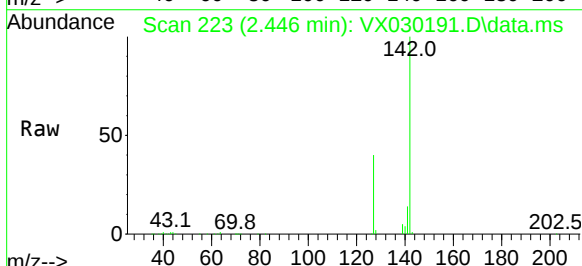
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#10
Methyl Iodide
Concen: 59.853 ug/l
RT: 2.446 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

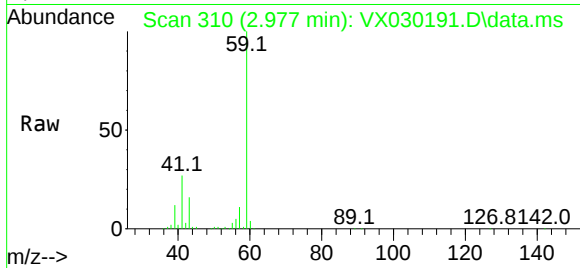
Tgt Ion:142 Resp: 128993
Ion Ratio Lower Upper
142 100
127 40.4 30.2 45.2
141 14.0 11.3 16.9





#11
Tert butyl alcohol
Concen: 251.475 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

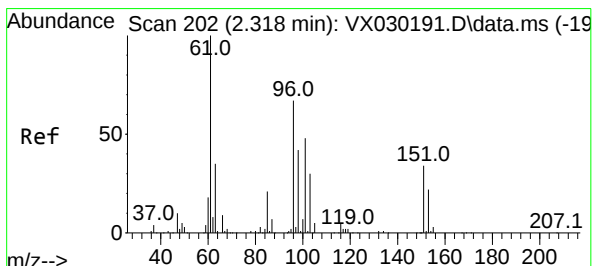
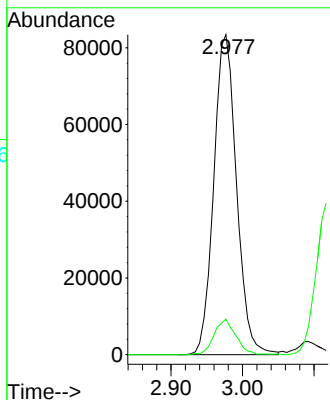
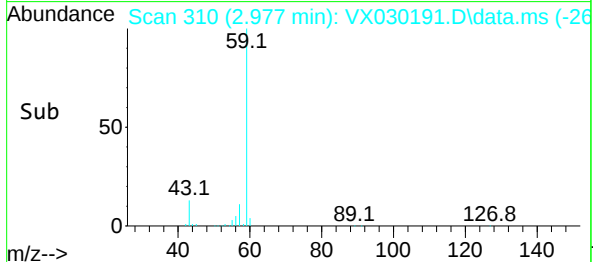
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



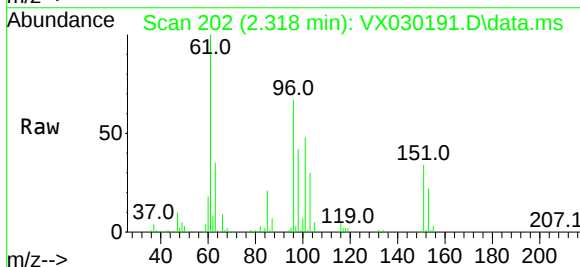
Tgt Ion: 59 Resp: 18462
Ion Ratio Lower Upper
59 100
57 10.6 7.4 11.2

Manual Integrations
APPROVED

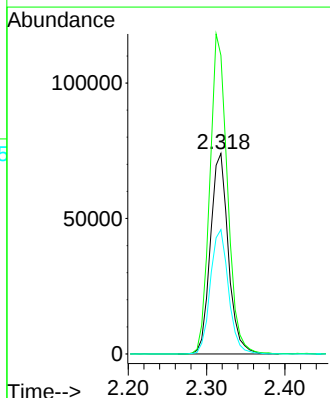
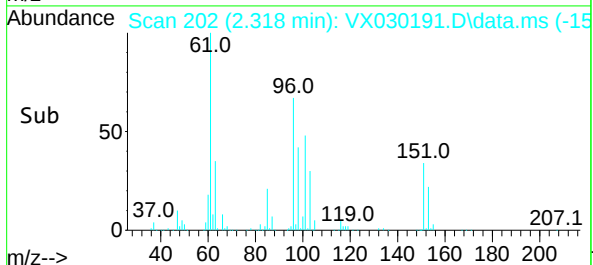
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#12
1,1-Dichloroethene
Concen: 50.018 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45



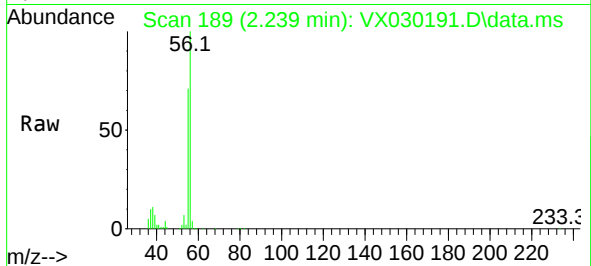
Tgt Ion: 96 Resp: 117469
Ion Ratio Lower Upper
96 100
61 148.9 117.4 176.0
98 62.0 52.2 78.4





#13
Acrolein
Concen: 214.418 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

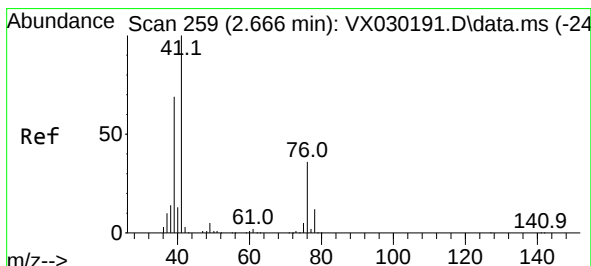
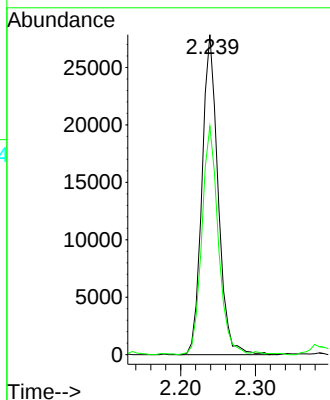
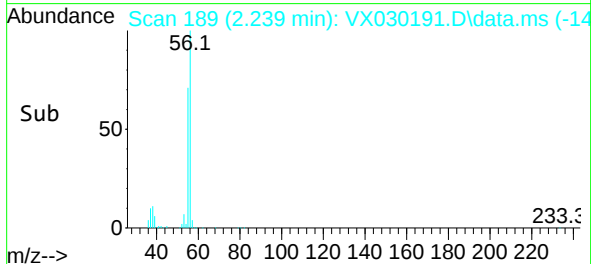
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 41538
Ion Ratio Lower Upper
56 100
55 73.2 56.6 84.8

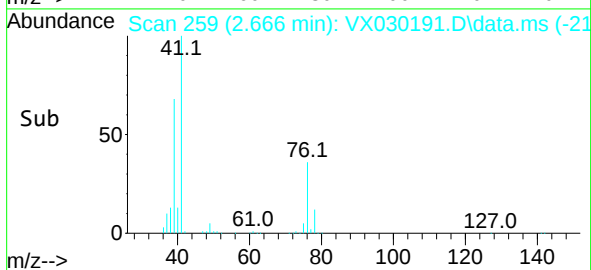
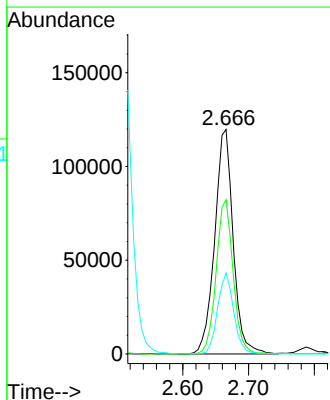
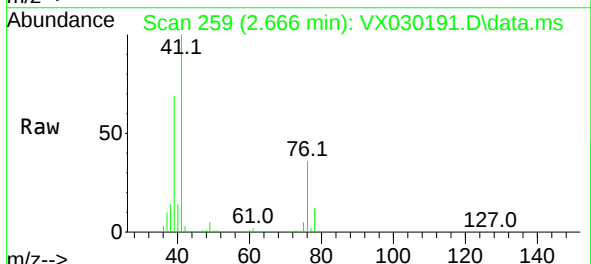
Manual Integrations
APPROVED

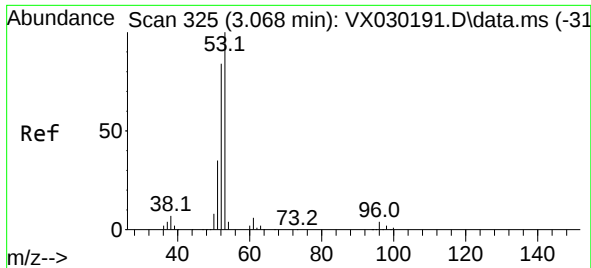
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#14
Allyl chloride
Concen: 48.377 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

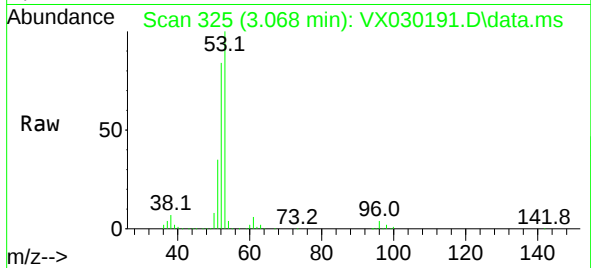
Tgt Ion: 41 Resp: 234487
Ion Ratio Lower Upper
41 100
39 63.2 48.9 73.3
76 31.4 26.9 40.3





#15
Acrylonitrile
Concen: 254.567 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

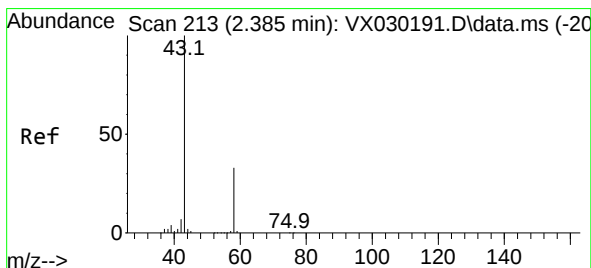
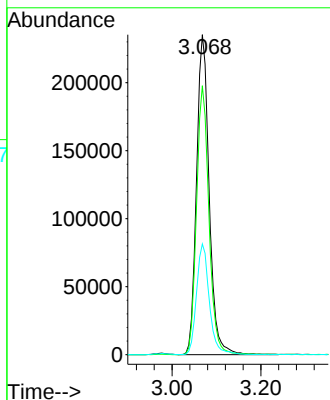
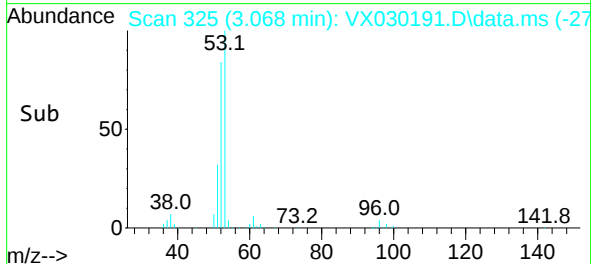
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 465850
Ion Ratio Lower Upper
53 100
52 82.4 65.4 98.0
51 34.8 27.7 41.5

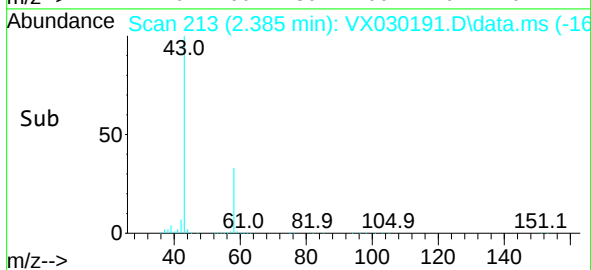
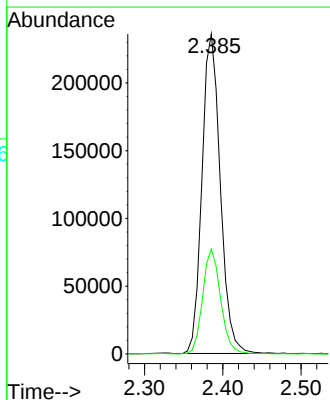
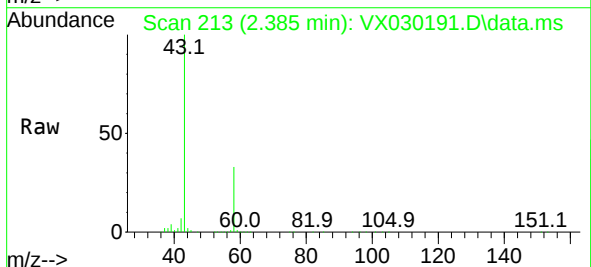
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#16
Acetone
Concen: 245.445 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

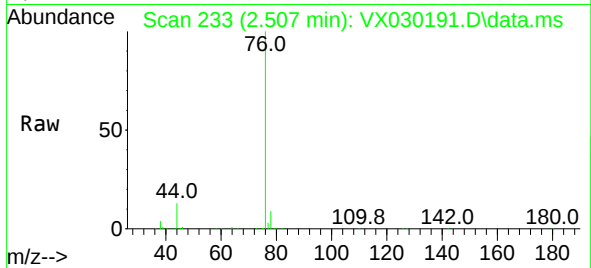
Tgt Ion: 43 Resp: 382064
Ion Ratio Lower Upper
43 100
58 32.9 27.7 41.5





#17
Carbon Disulfide
Concen: 49.223 ug/l
RT: 2.507 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

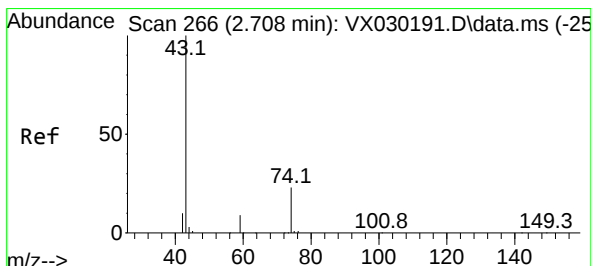
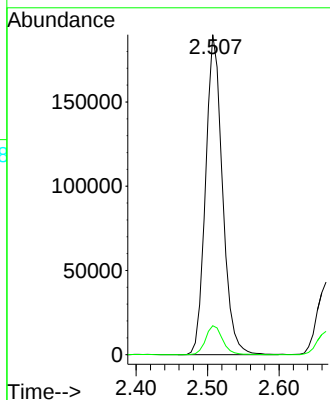
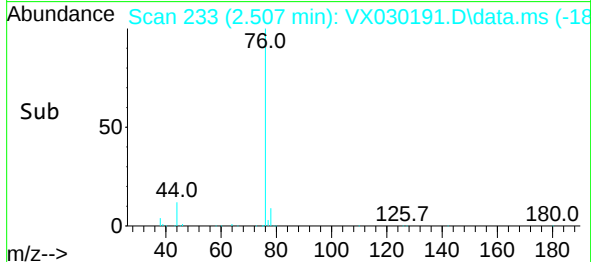
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



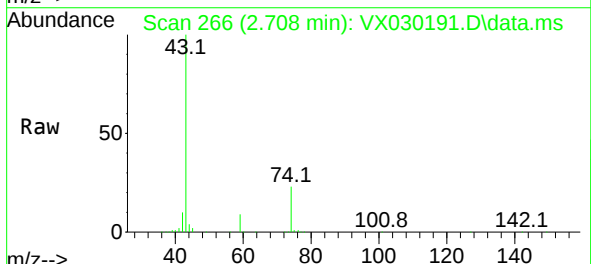
Tgt Ion: 76 Resp: 311623
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.6

Manual Integrations
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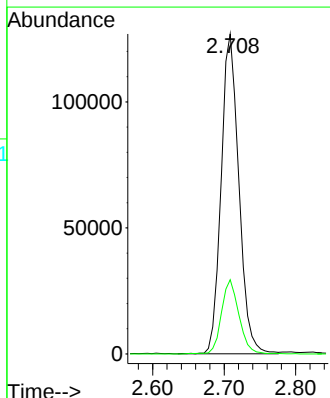
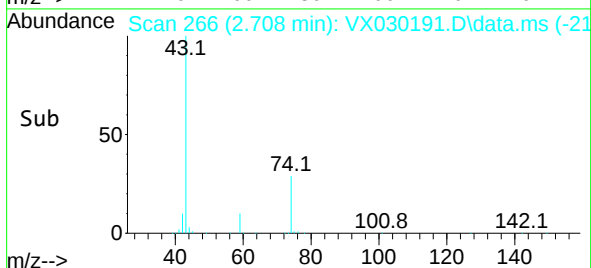
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#18
Methyl Acetate
Concen: 47.910 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45



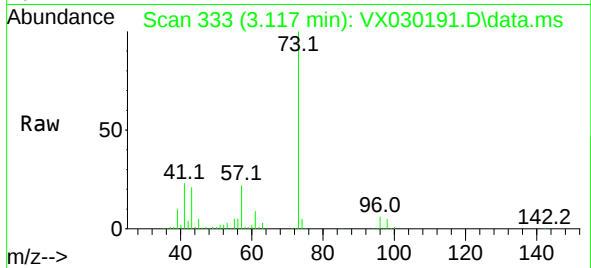
Tgt Ion: 43 Resp: 218408
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 51.569 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

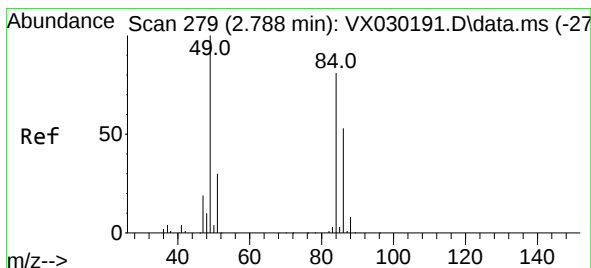
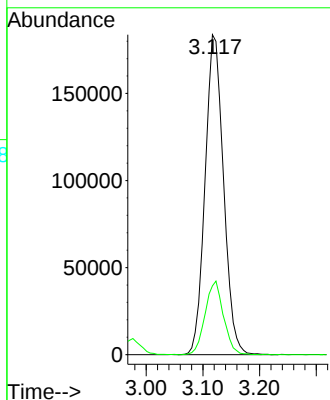
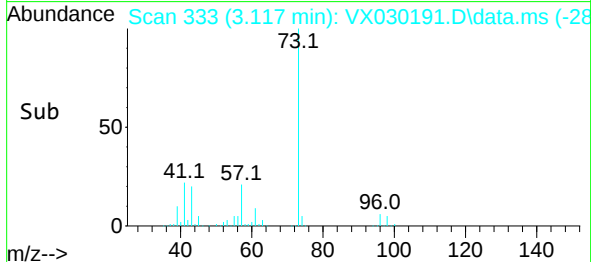
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 41568
Ion Ratio Lower Upper
73 100
57 21.5 19.0 28.6

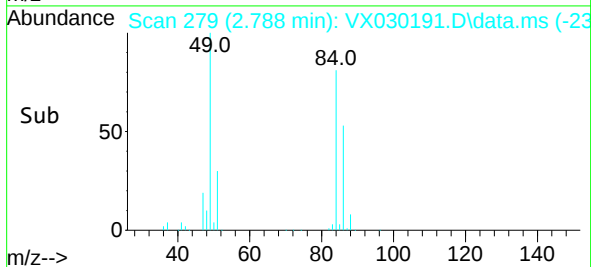
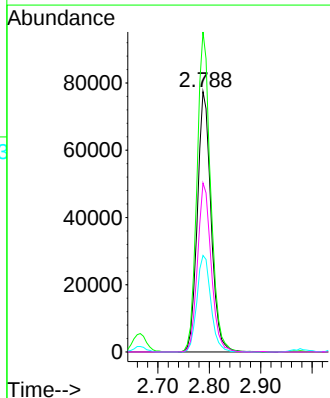
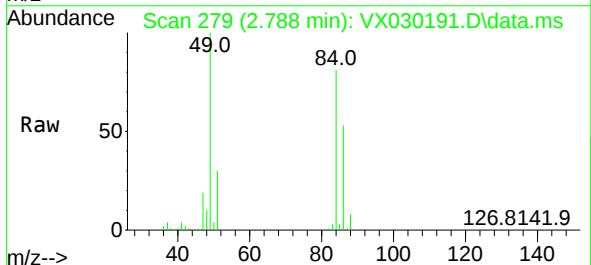
Manual Integrations
APPROVED

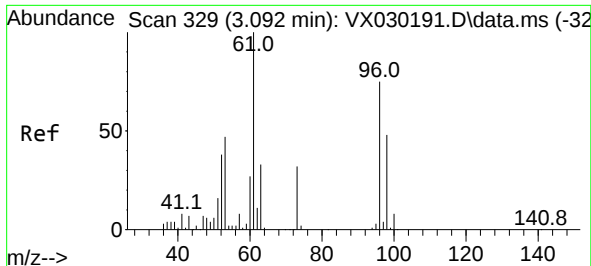
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#20
Methylene Chloride
Concen: 39.789 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

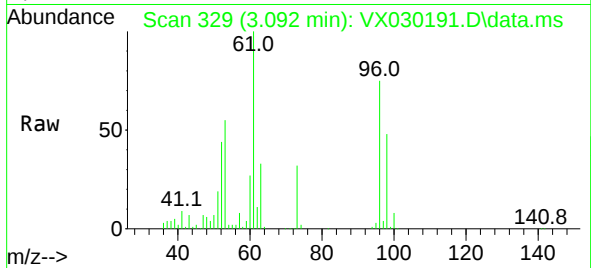
Tgt Ion: 84 Resp: 142809
Ion Ratio Lower Upper
84 100
49 123.0 93.8 140.6
51 37.1 29.4 44.0
86 64.9 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 50.012 ug/l
RT: 3.092 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

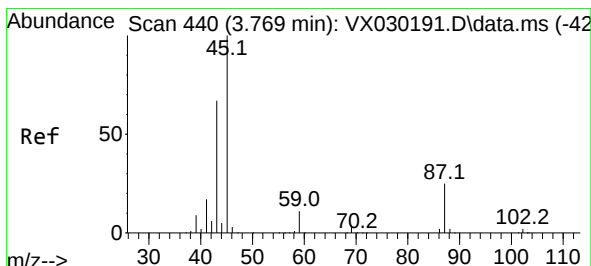
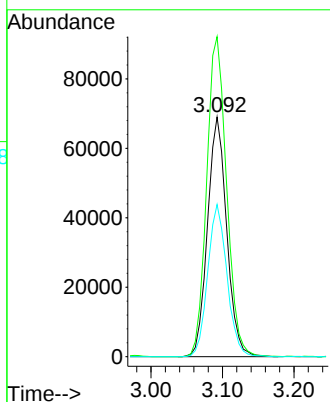
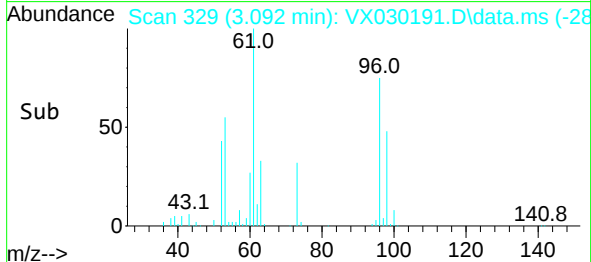
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 128890
Ion Ratio Lower Upper
96 100
61 133.5 105.6 158.4
98 63.5 50.1 75.1

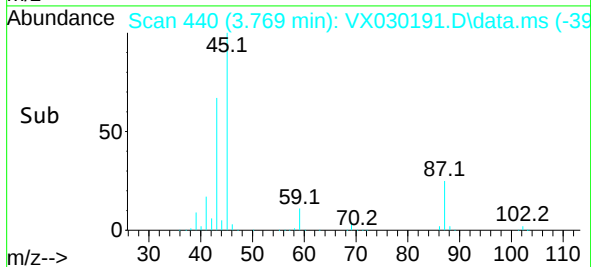
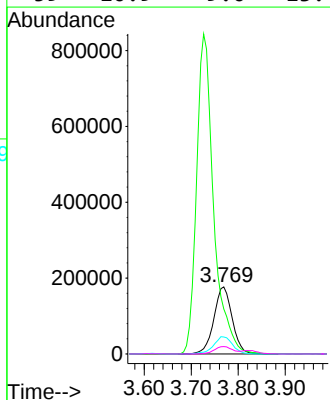
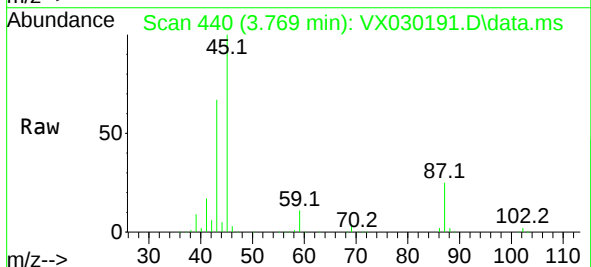
Manual Integrations
APPROVED

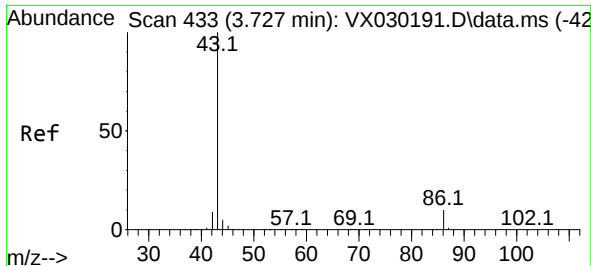
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#22
Diisopropyl ether
Concen: 52.105 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

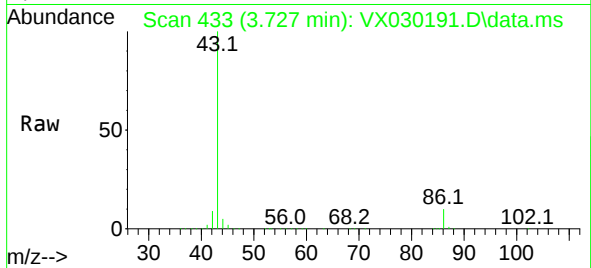
Tgt Ion: 45 Resp: 478146
Ion Ratio Lower Upper
45 100
43 67.0 65.4 98.0
87 25.4 22.3 33.5
59 10.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 266.824 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX030191.D
 Acq: 25 Jul 2022 13:45

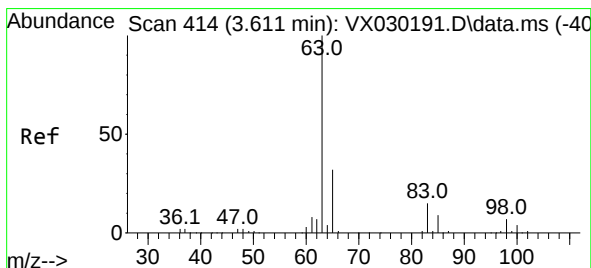
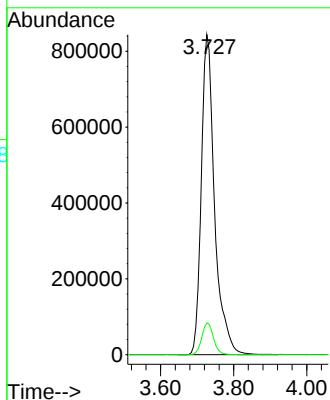
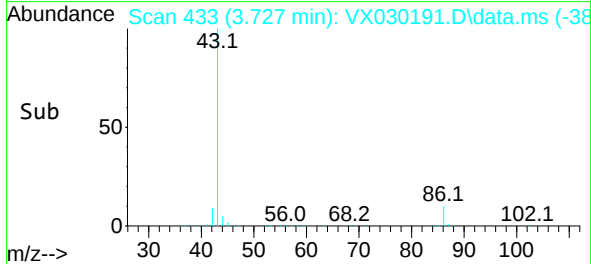
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



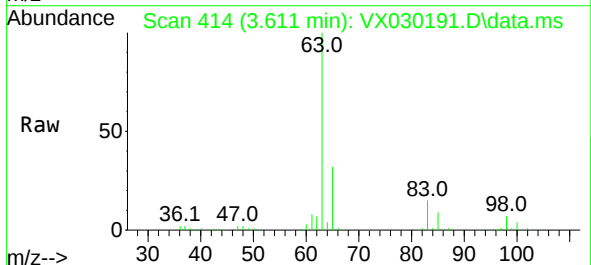
Tgt Ion: 43 Resp: 2130108
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7

Manual Integrations
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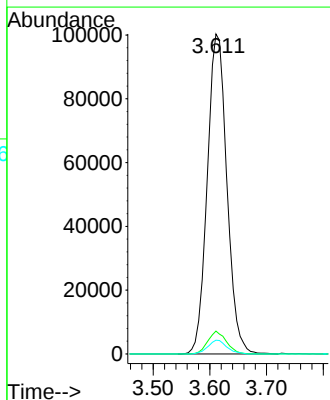
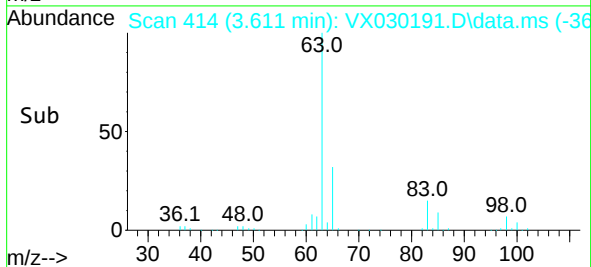
Reviewed By :John Carlone 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022



#24
 1,1-Dichloroethane
 Concen: 49.507 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030191.D
 Acq: 25 Jul 2022 13:45



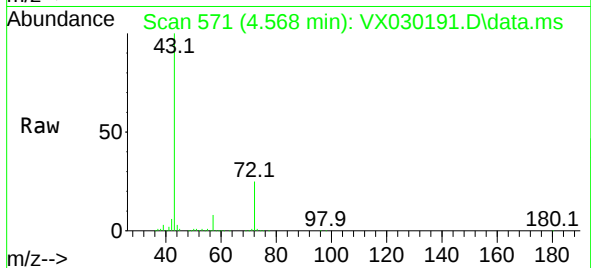
Tgt Ion: 63 Resp: 241279
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 4.3 2.3 6.9





#25
2-Butanone
Concen: 255.620 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

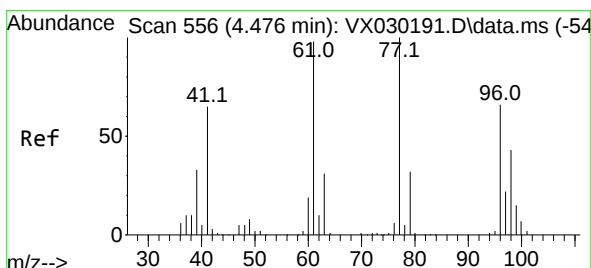
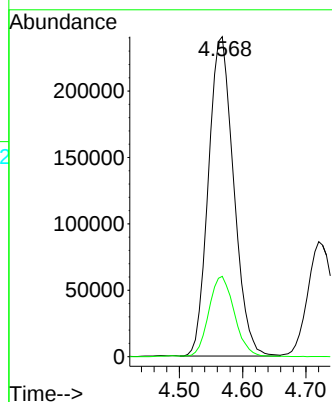
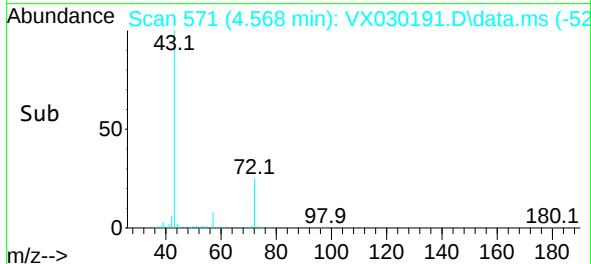
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 666629
Ion Ratio Lower Upper
43 100
72 25.0 21.7 32.5

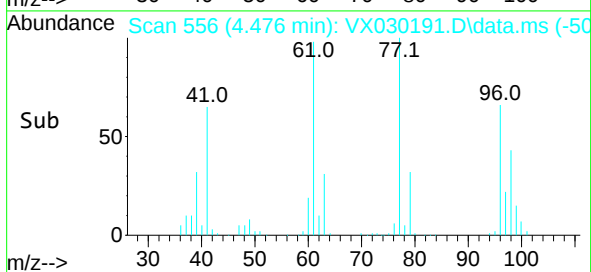
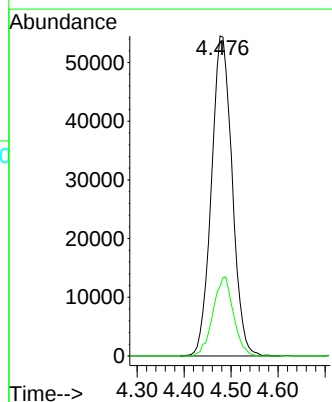
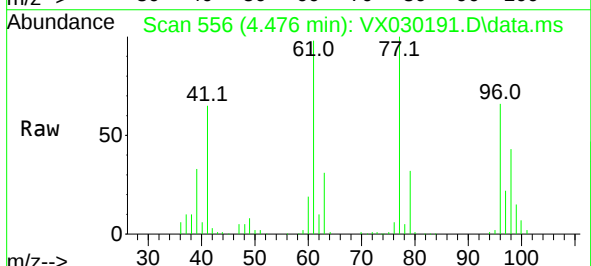
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#26
2,2-Dichloropropane
Concen: 48.108 ug/l
RT: 4.476 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

Tgt Ion: 77 Resp: 166767
Ion Ratio Lower Upper
77 100
97 24.5 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 49.548 ug/l

RT: 4.495 min Scan# 511

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 15110

Ion Ratio Lower Upper

96 100

61 143.6 0.0 270.0

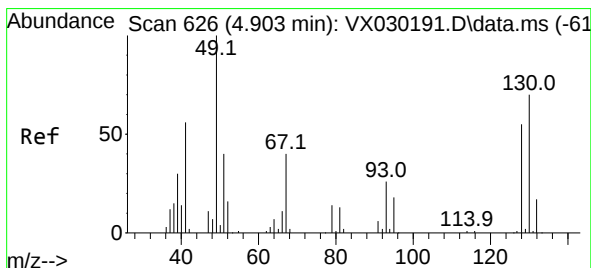
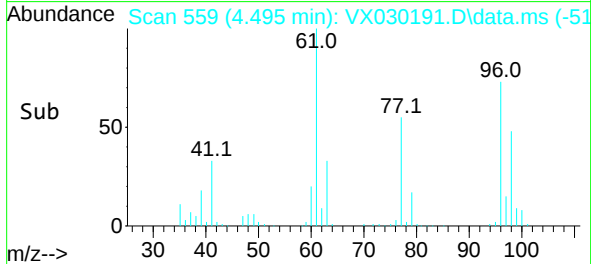
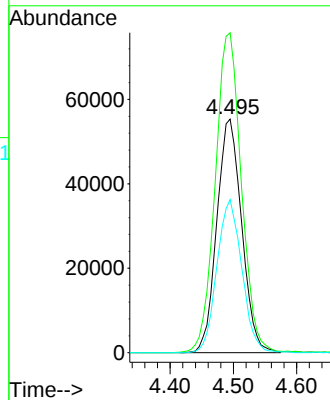
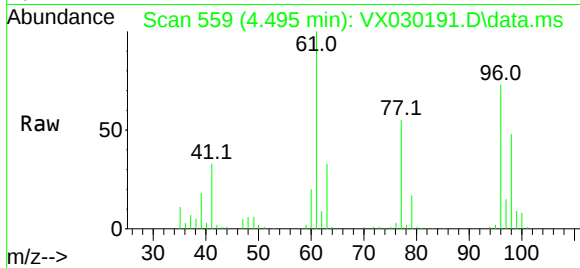
98 65.6 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#28

Bromochloromethane

Concen: 47.231 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

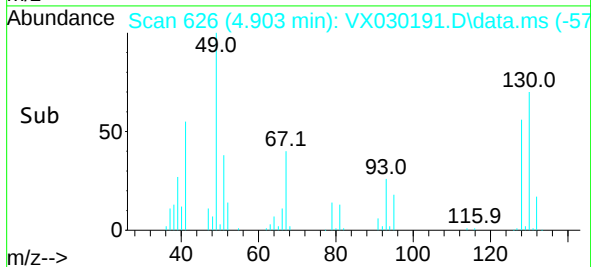
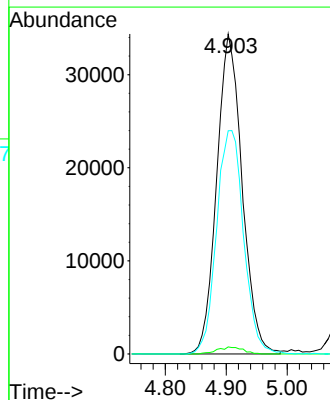
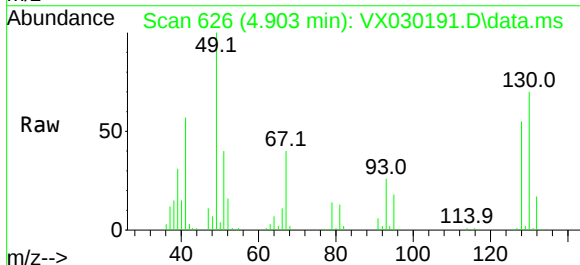
Tgt Ion: 49 Resp: 99464

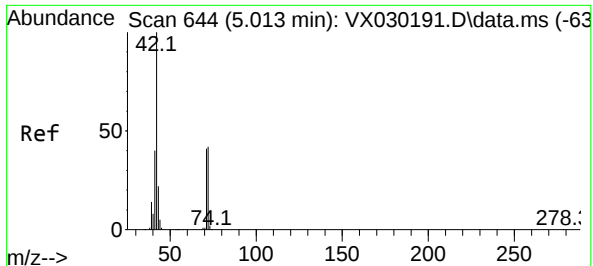
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 74.3 62.8 94.2





#29

Tetrahydrofuran

Concen: 253.810 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 444364

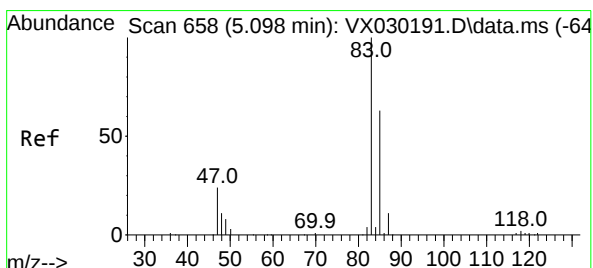
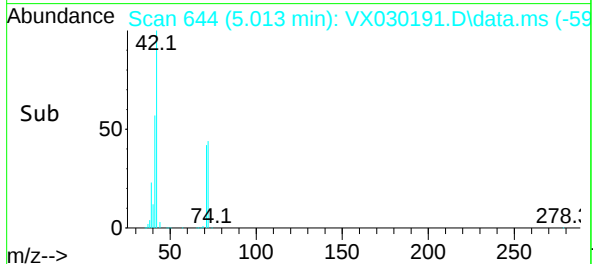
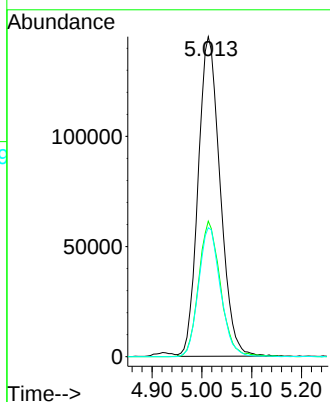
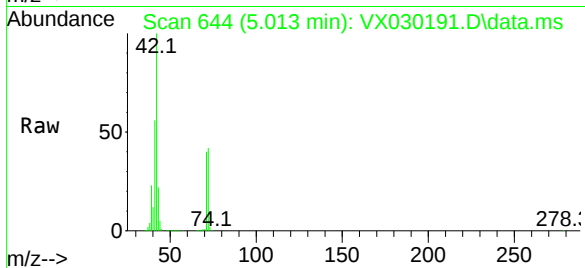
Ion	Ratio	Lower	Upper
42	100		
72	42.1	36.5	54.7
71	40.1	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#30

Chloroform

Concen: 50.199 ug/l

RT: 5.098 min Scan# 658

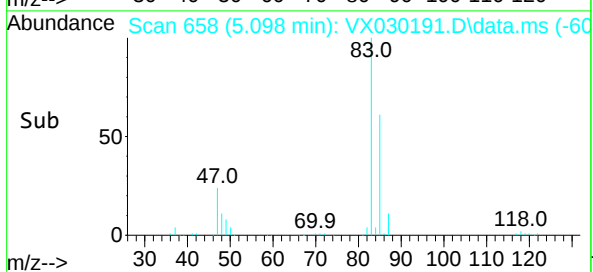
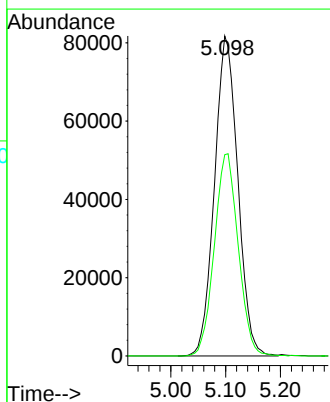
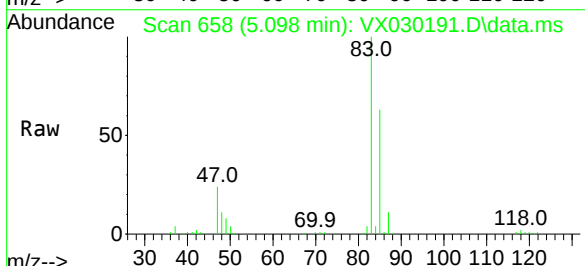
Delta R.T. 0.000 min

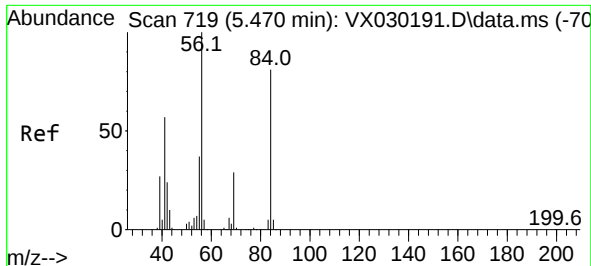
Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

Tgt Ion: 83 Resp: 241820

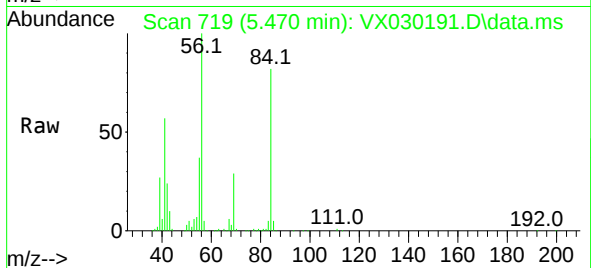
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.5	77.3





#31
Cyclohexane
Concen: 50.473 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

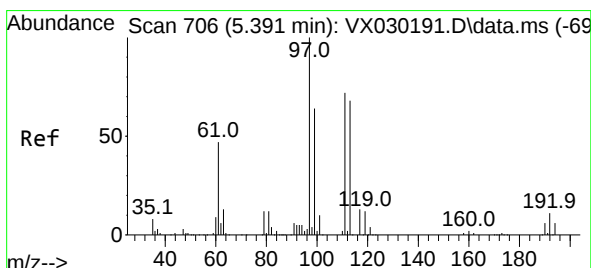
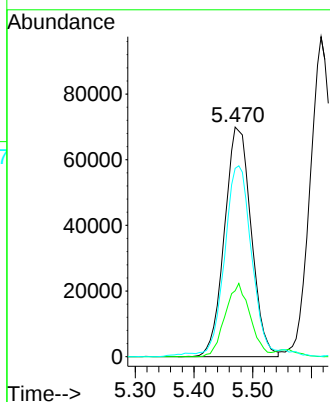
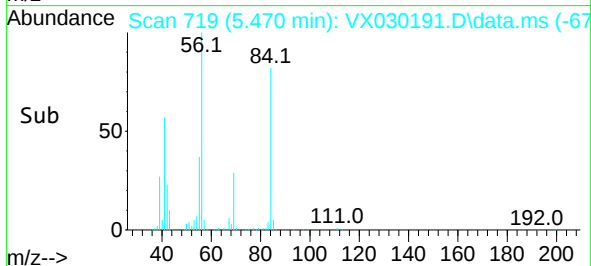
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



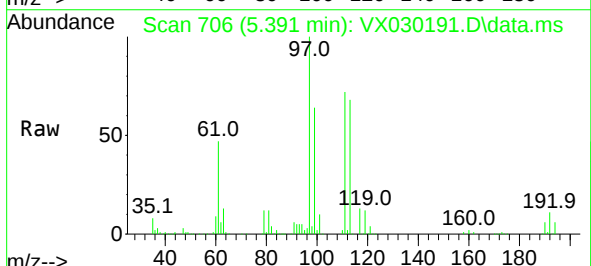
Tgt Ion: 56 Resp: 221219
Ion Ratio Lower Upper
56 100
69 28.7 25.4 38.0
84 81.0 68.9 103.3

Manual Integrations
APPROVED

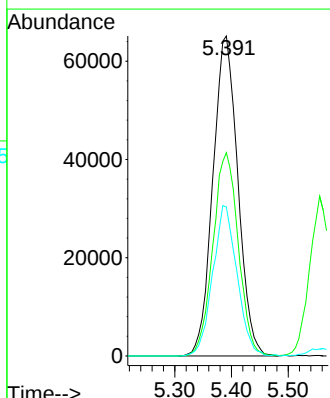
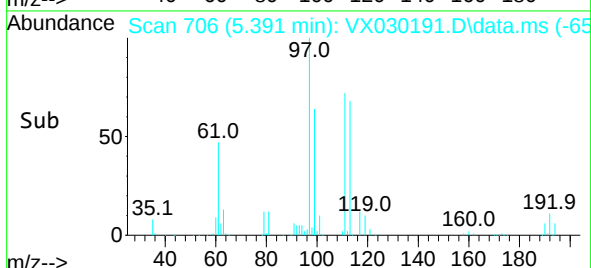
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

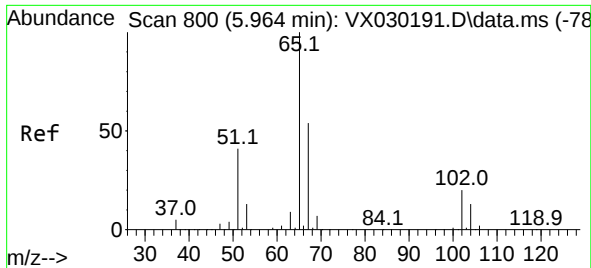


#32
1,1,1-Trichloroethane
Concen: 50.812 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45



Tgt Ion: 97 Resp: 199138
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 45.8 35.8 53.8





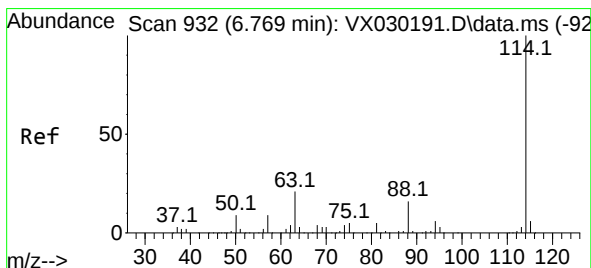
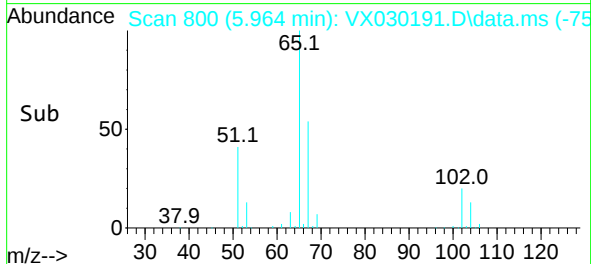
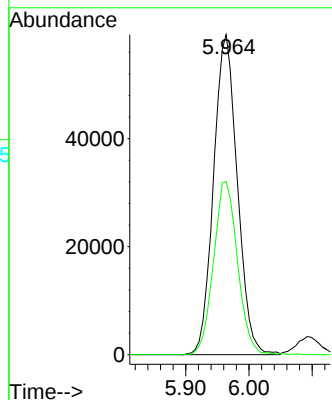
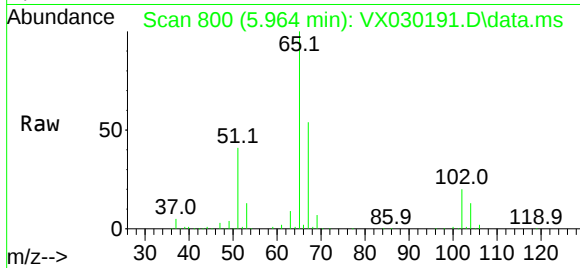
#33
 1,2-Dichloroethane-d4
 Concen: 49.594 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX030191.D
 Acq: 25 Jul 2022 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 65 Resp: 15424
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.6

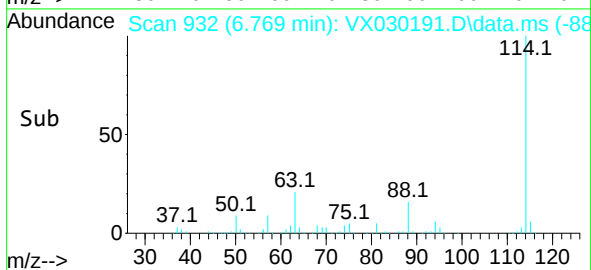
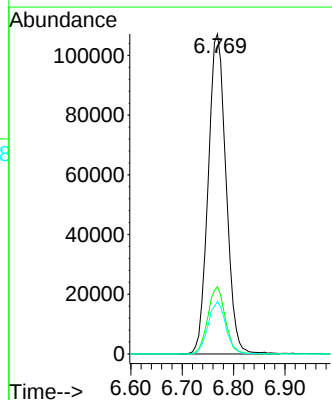
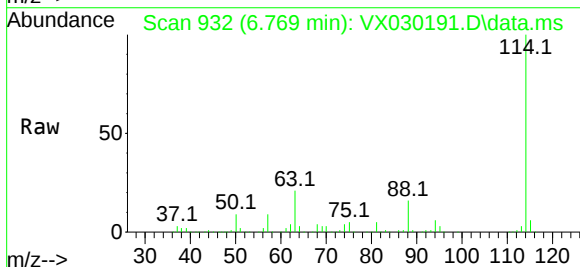
Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX030191.D
 Acq: 25 Jul 2022 13:45

Tgt Ion:114 Resp: 258592
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 38.4
 88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.278 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 12603

Ion Ratio Lower Upper

113 100

111 102.7 83.2 124.8

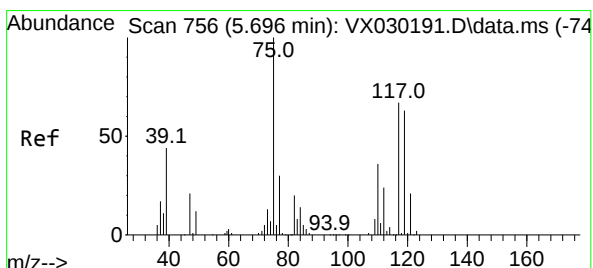
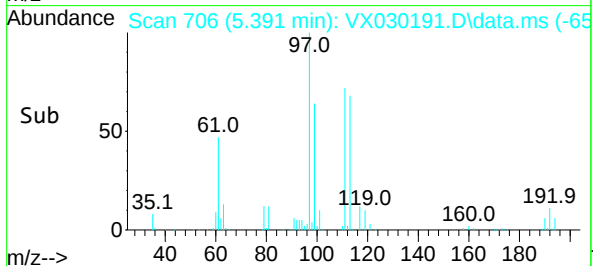
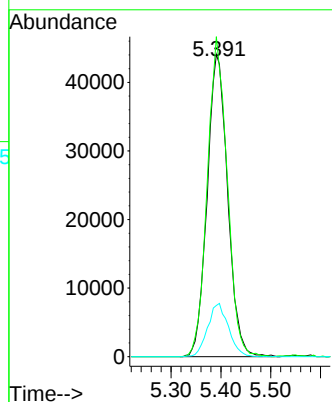
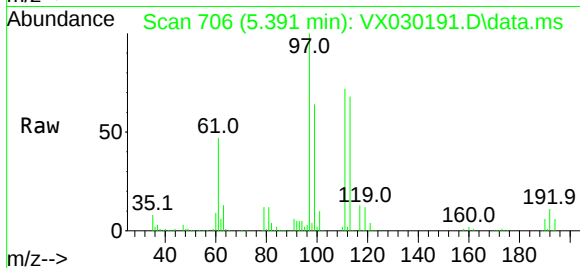
192 17.8 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#36

1,1-Dichloropropene

Concen: 50.369 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

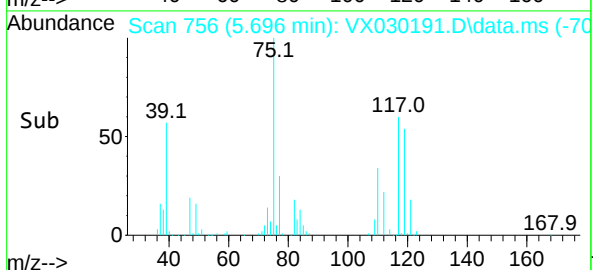
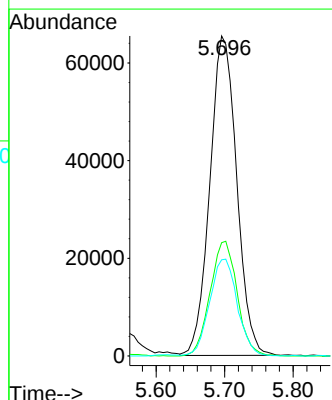
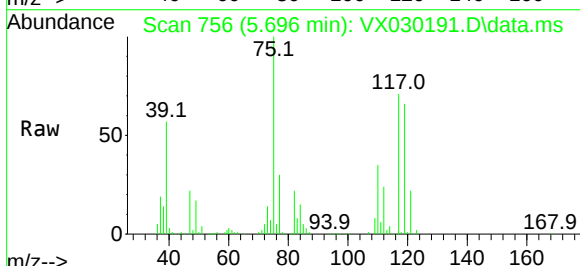
Tgt Ion: 75 Resp: 178150

Ion Ratio Lower Upper

75 100

110 36.2 19.3 57.9

77 31.3 24.4 36.6





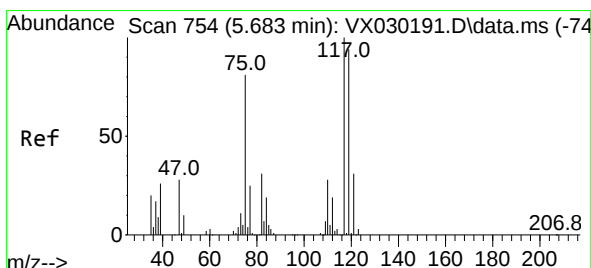
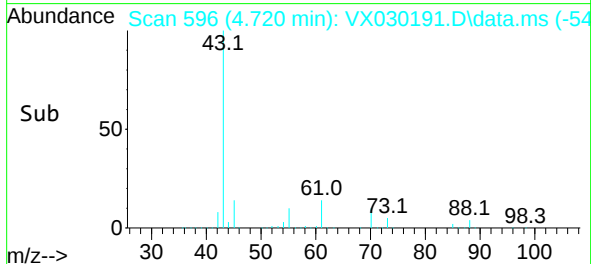
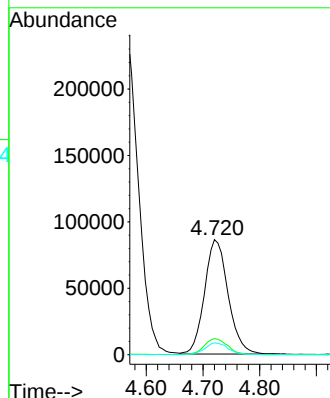
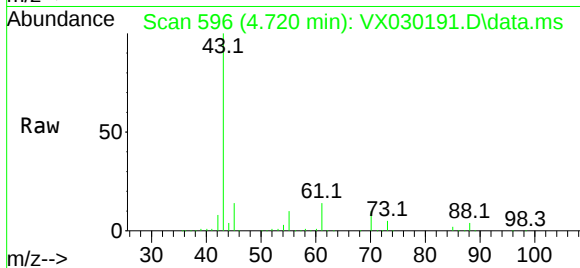
#37
Ethyl Acetate
Concen: 50.020 ug/l
RT: 4.720 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 248732
Ion Ratio Lower Upper
43 100
61 14.0 11.7 17.5
70 10.2 9.3 13.9

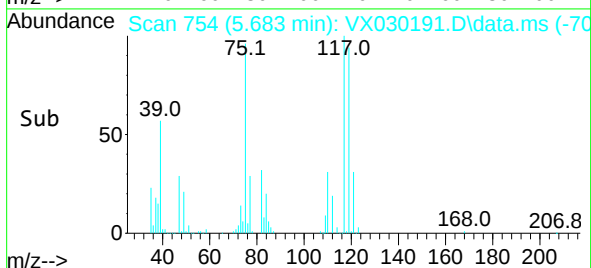
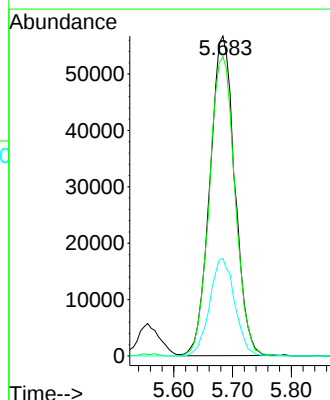
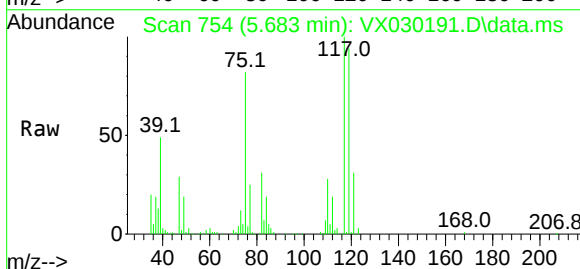
Manual Integrations
APPROVED

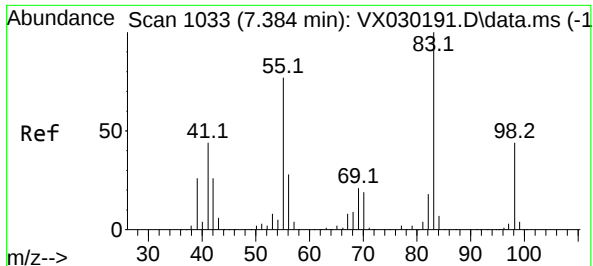
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#38
Carbon Tetrachloride
Concen: 50.670 ug/l
RT: 5.683 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

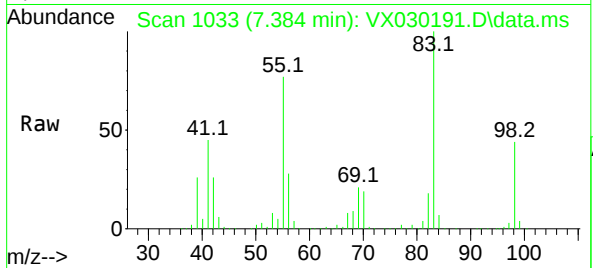
Tgt Ion:117 Resp: 167014
Ion Ratio Lower Upper
117 100
119 93.5 74.1 111.1
121 30.6 25.8 38.8





#39
Methylcyclohexane
Concen: 49.287 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

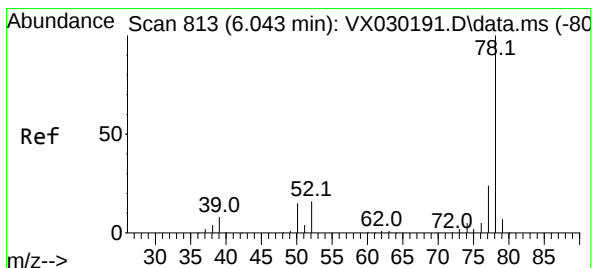
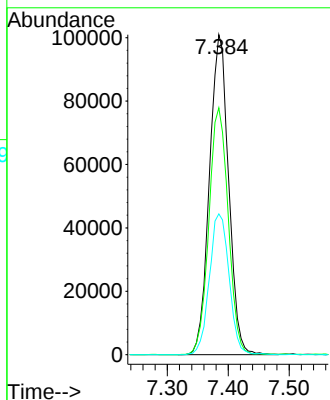
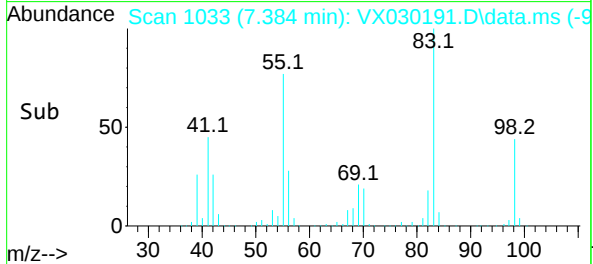
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 22090
Ion Ratio Lower Upper
83 100
55 77.1 57.7 86.5
98 44.0 36.5 54.7

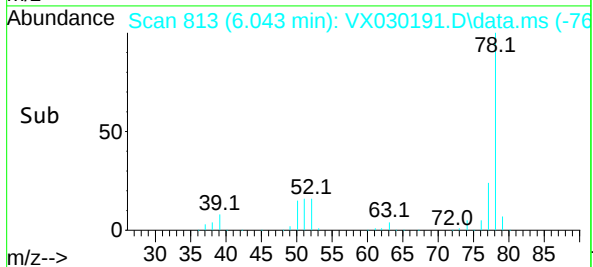
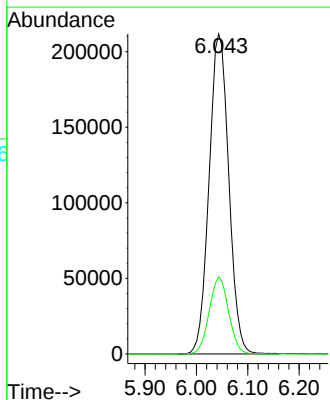
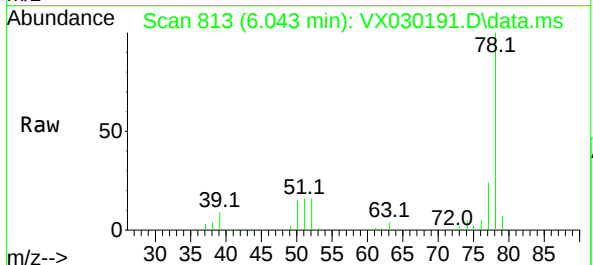
Manual Integrations
APPROVED

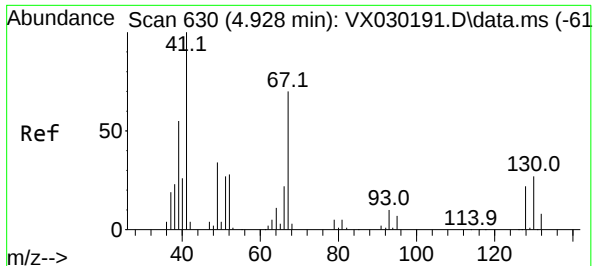
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#40
Benzene
Concen: 50.939 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

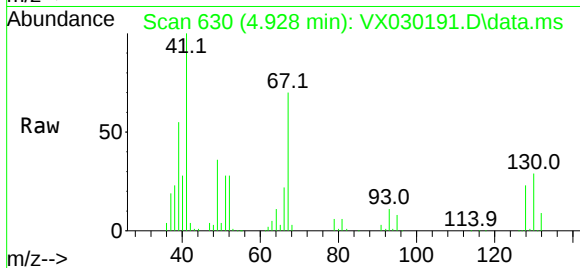
Tgt Ion: 78 Resp: 563239
Ion Ratio Lower Upper
78 100
77 24.1 18.0 27.0





#41
Methacrylonitrile
Concen: 51.356 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

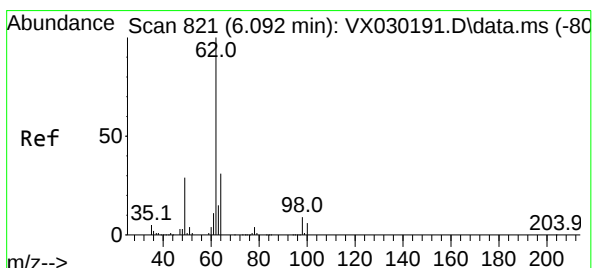
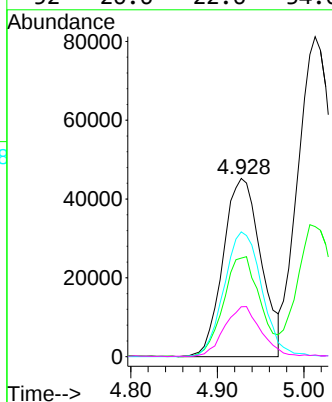
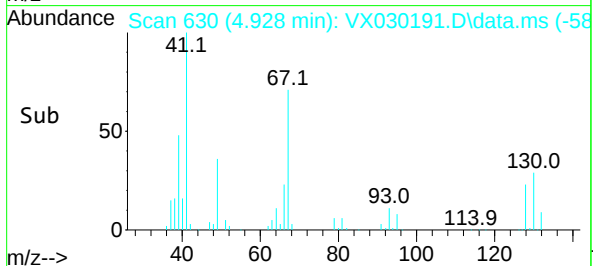
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



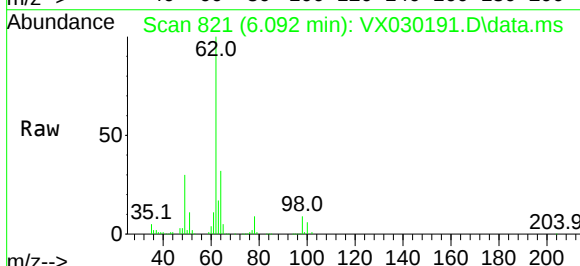
Tgt Ion: 41 Resp: 13756
Ion Ratio Lower Upper
41 100
39 54.7 42.9 64.3
67 70.1 60.1 90.1
52 26.6 22.6 34.0

Manual Integrations
APPROVED

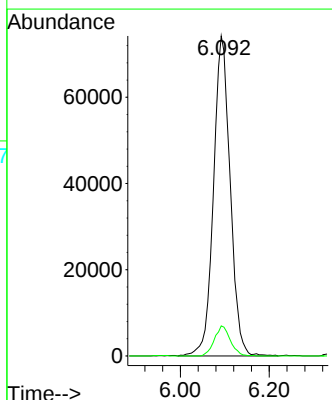
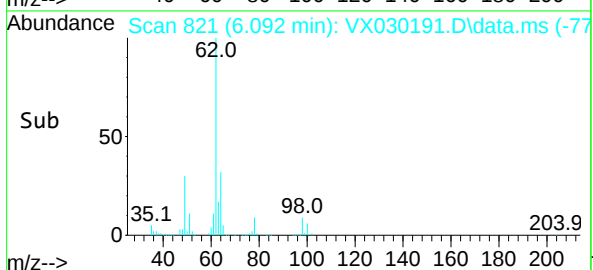
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

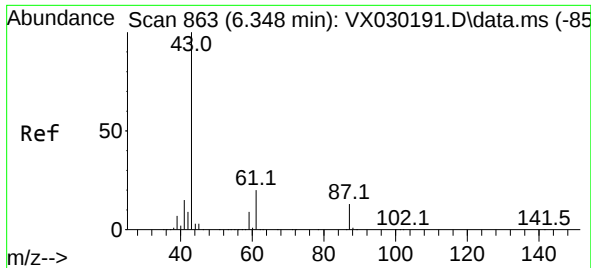


#42
1,2-Dichloroethane
Concen: 50.432 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45



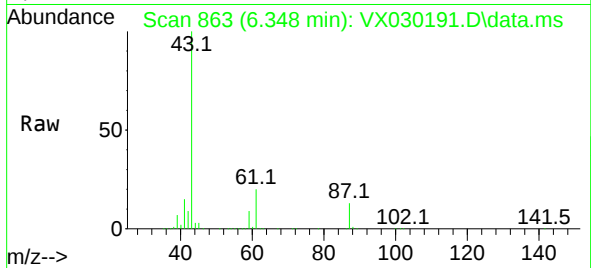
Tgt Ion: 62 Resp: 193124
Ion Ratio Lower Upper
62 100
98 9.0 0.0 20.2





#43
Isopropyl Acetate
Concen: 51.412 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

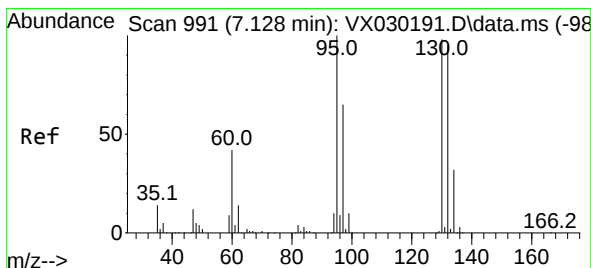
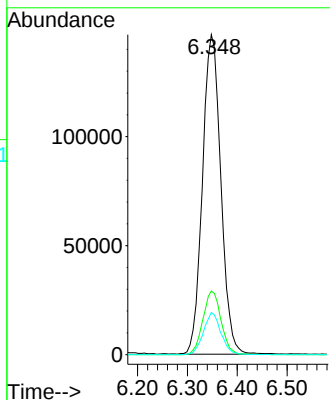
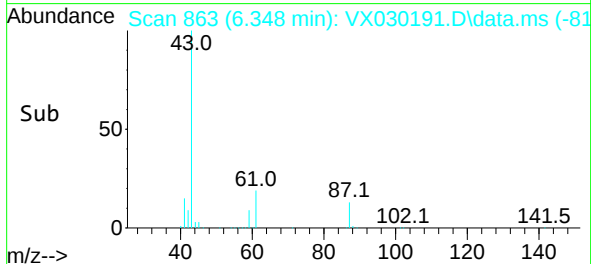
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 375540
Ion Ratio Lower Upper
43 100
61 19.7 16.5 24.7
87 12.5 11.1 16.7

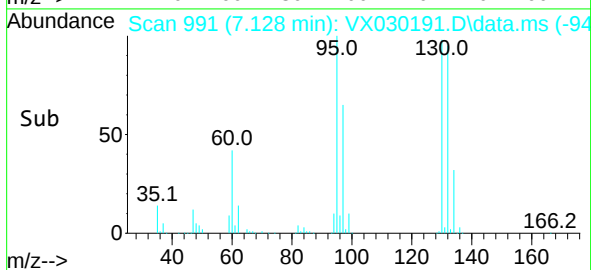
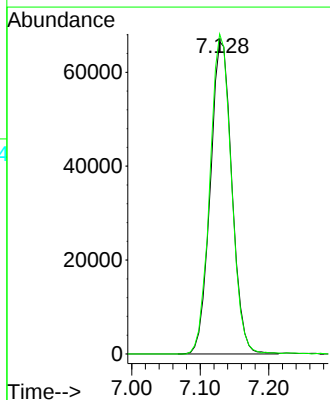
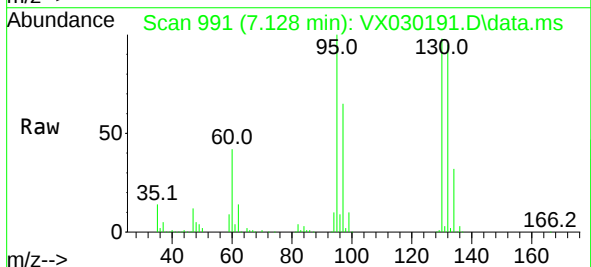
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#44
Trichloroethene
Concen: 48.122 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

Tgt Ion:130 Resp: 145596
Ion Ratio Lower Upper
130 100
95 102.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 49.880 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 147359

Ion Ratio Lower Upper

63 100

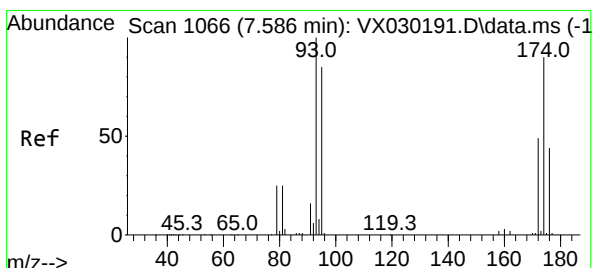
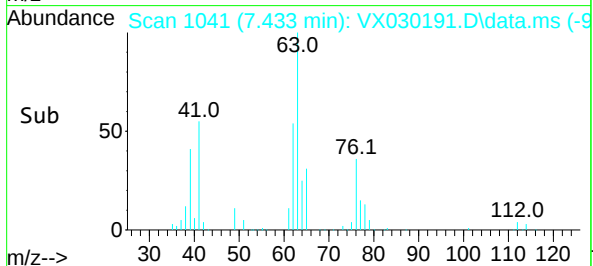
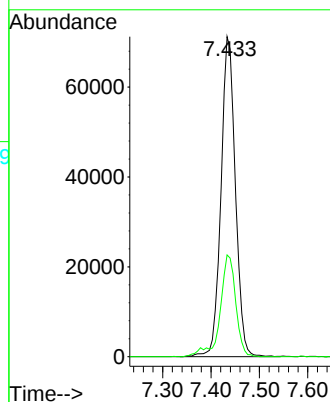
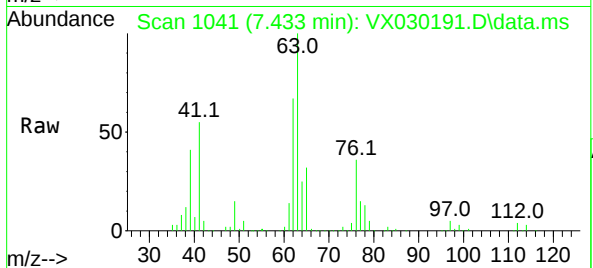
65 31.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#46

Dibromomethane

Concen: 49.213 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

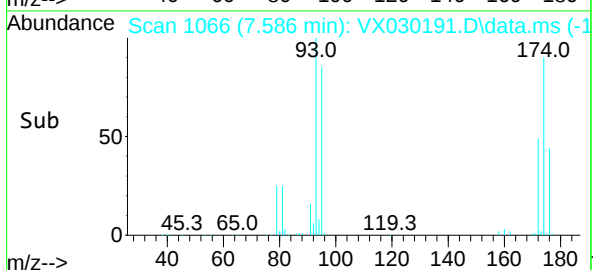
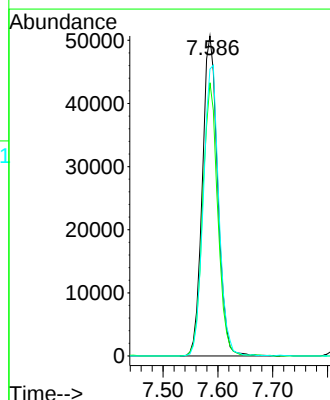
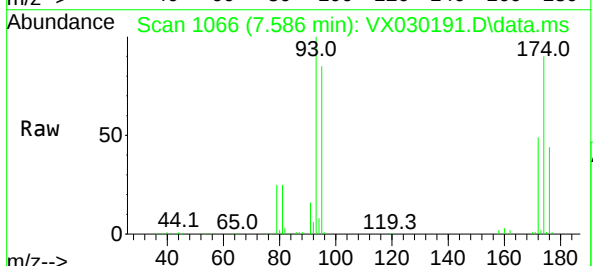
Tgt Ion: 93 Resp: 98601

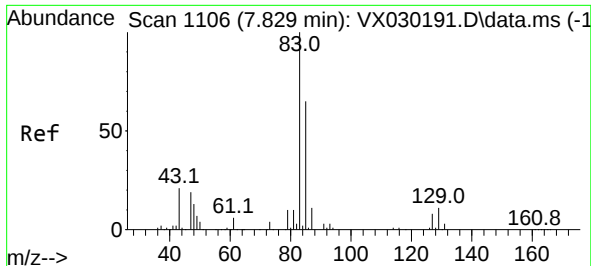
Ion Ratio Lower Upper

93 100

95 83.2 67.4 101.0

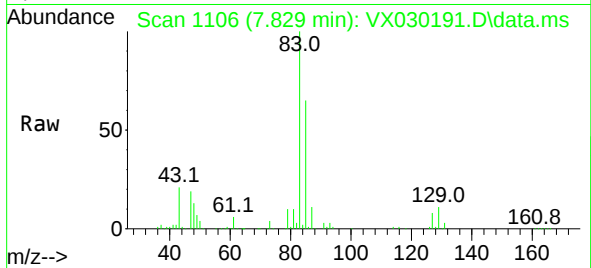
174 91.6 75.6 113.4





#47
Bromodichloromethane
Concen: 50.701 ug/l
RT: 7.829 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

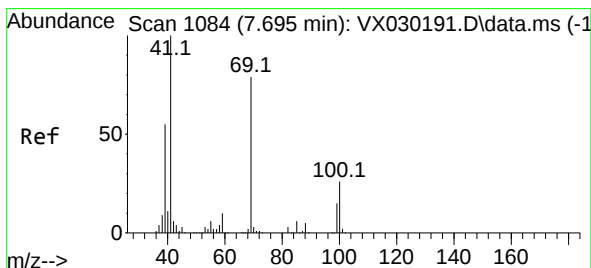
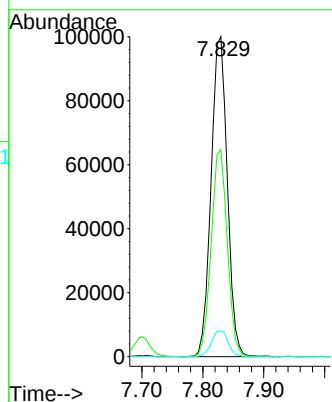
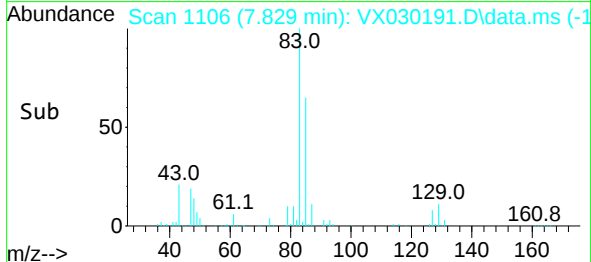
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



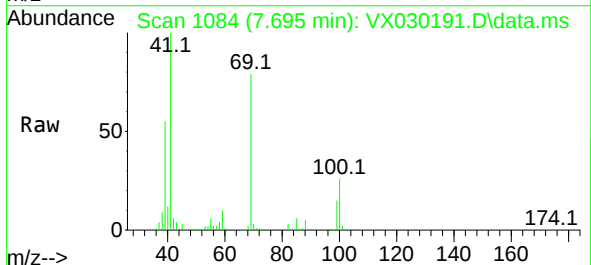
Tgt Ion: 83 Resp: 18525
Ion Ratio Lower Upper
83 100
85 64.7 53.5 80.3
127 8.0 6.6 10.0

Manual Integrations
APPROVED

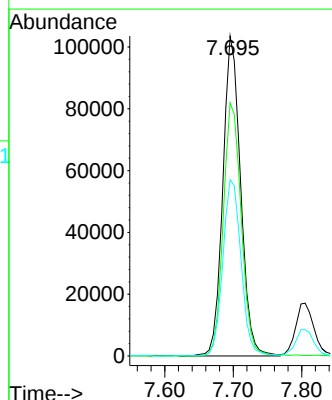
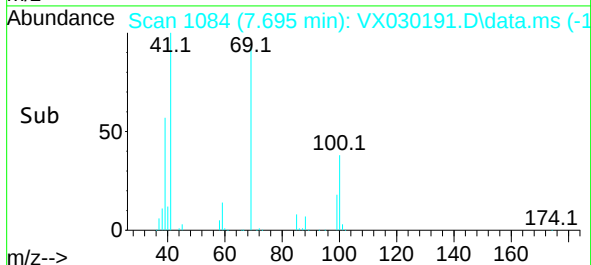
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

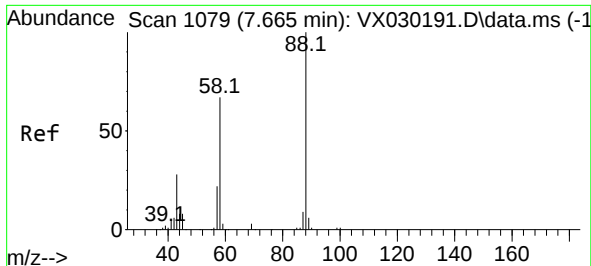


#48
Methyl methacrylate
Concen: 51.647 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45



Tgt Ion: 41 Resp: 185997
Ion Ratio Lower Upper
41 100
69 80.1 68.8 103.2
39 56.6 44.6 66.8





#49

1,4-Dioxane

Concen: 980.057 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

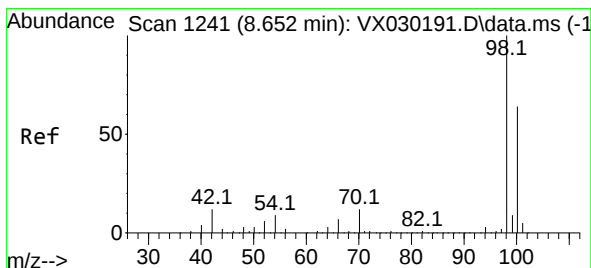
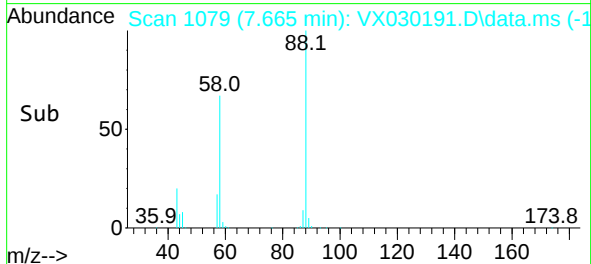
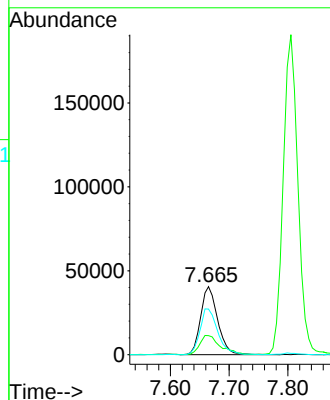
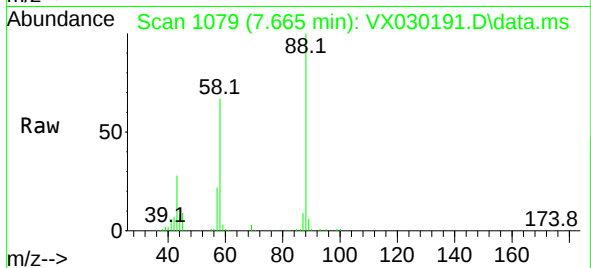
Tgt Ion:	88	Resp:	8107
Ion Ratio	Lower	Upper	
88	100		
43	33.4	23.8	35.8
58	70.6	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#50

Toluene-d8

Concen: 51.655 ug/l

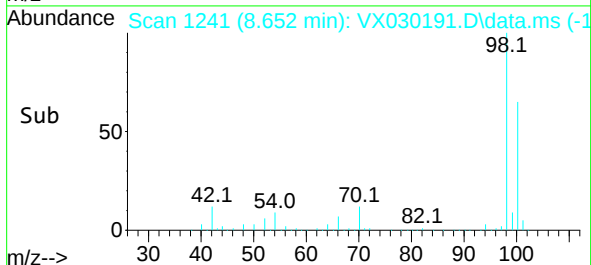
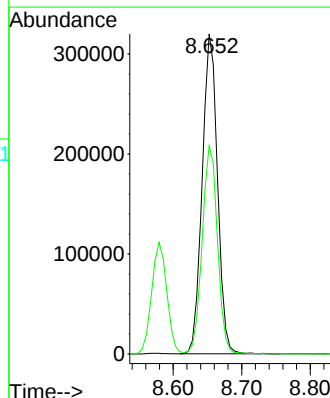
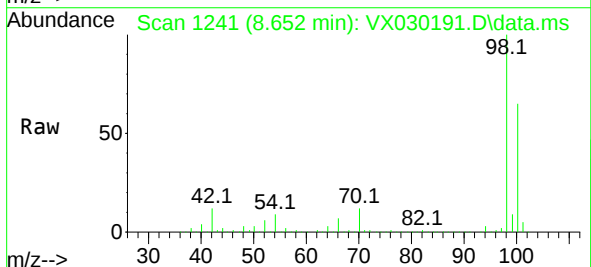
RT: 8.652 min Scan# 1241

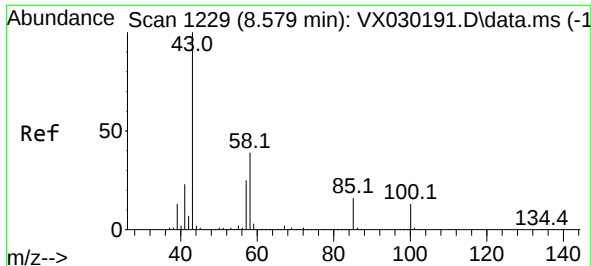
Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

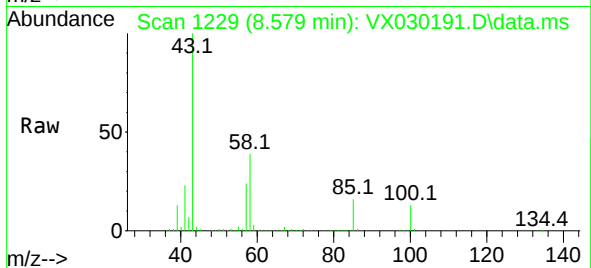
Tgt Ion:	98	Resp:	497640
Ion Ratio	Lower	Upper	
98	100		
100	65.1	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 257.553 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

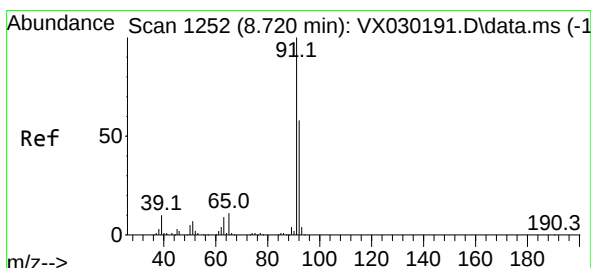
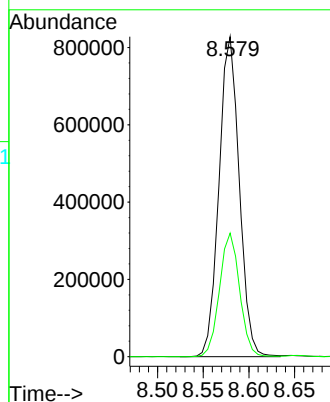
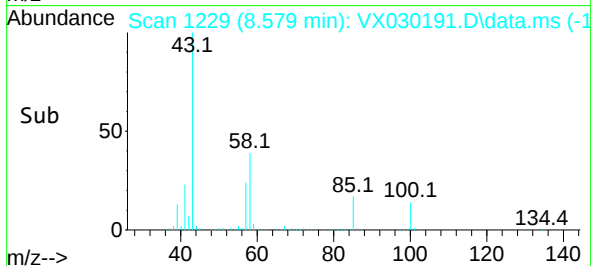
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



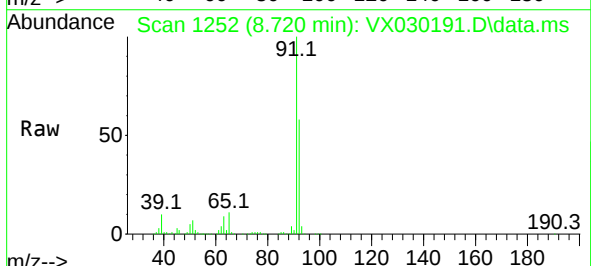
Tgt Ion: 43 Resp: 1280384
Ion Ratio Lower Upper
43 100
58 38.3 31.4 47.2

Manual Integrations
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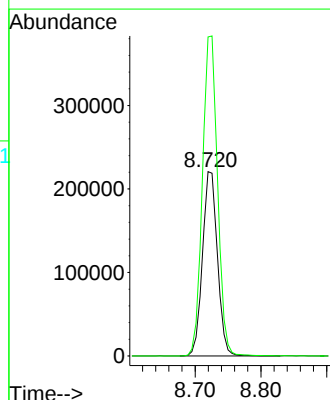
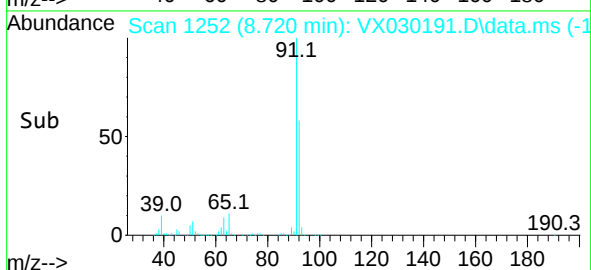
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

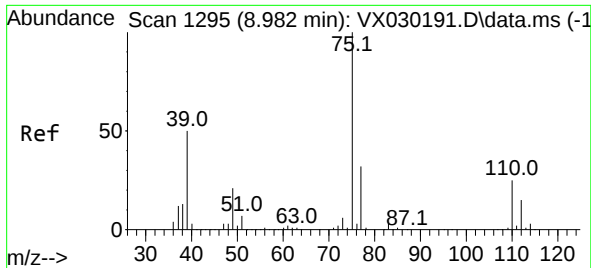


#52
Toluene
Concen: 51.710 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45



Tgt Ion: 92 Resp: 349044
Ion Ratio Lower Upper
92 100
91 175.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 52.354 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 20493

Ion Ratio Lower Upper

75 100

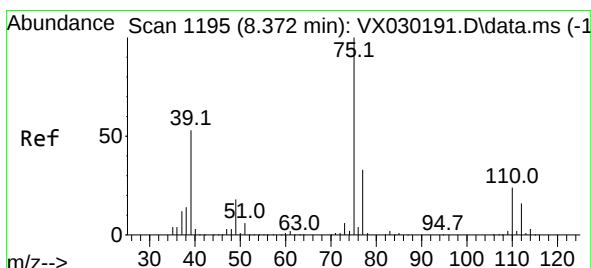
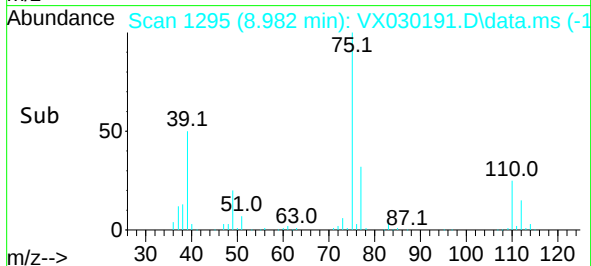
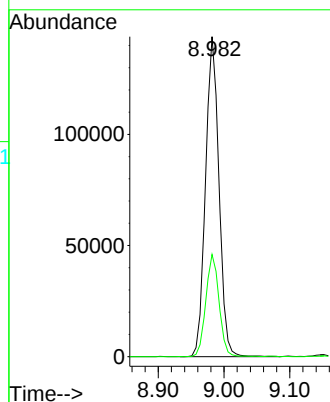
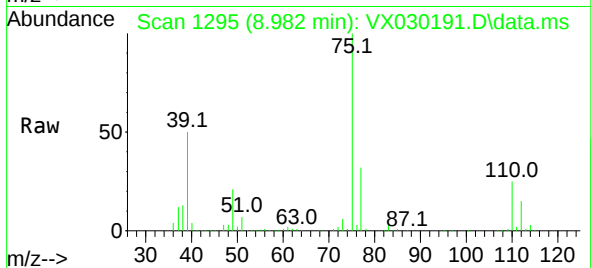
77 32.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#54

cis-1,3-Dichloropropene

Concen: 51.612 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

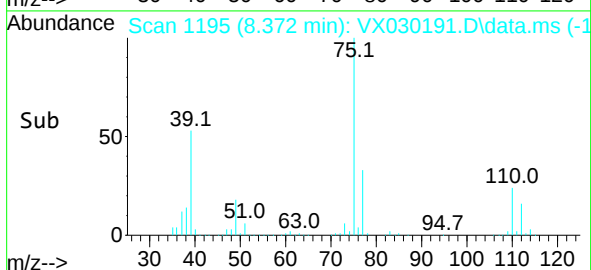
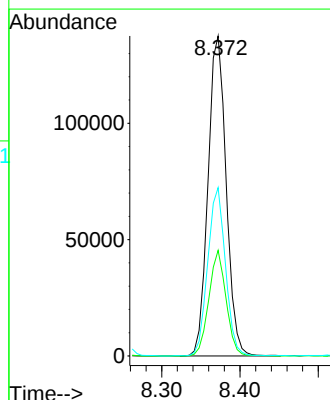
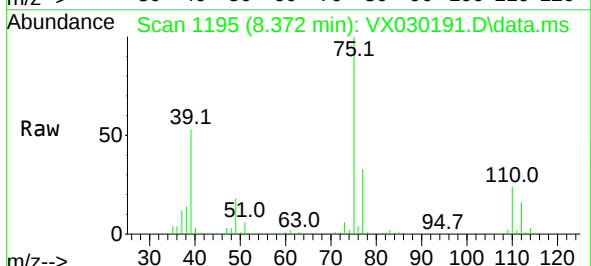
Tgt Ion: 75 Resp: 220990

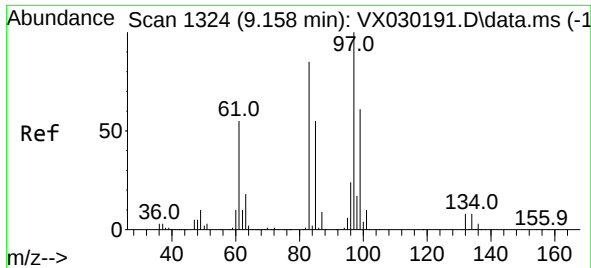
Ion Ratio Lower Upper

75 100

77 33.0 25.0 37.4

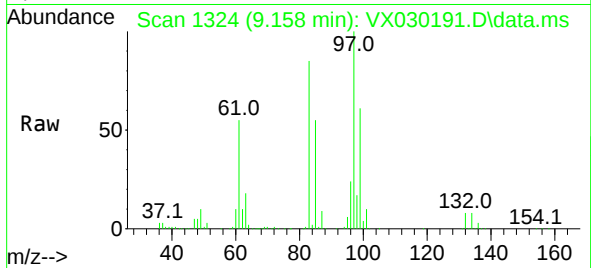
39 52.5 37.5 56.3





#55
 1,1,2-Trichloroethane
 Concen: 50.936 ug/l
 RT: 9.158 min Scan# 1324
 Delta R.T. 0.000 min
 Lab File: VX030191.D
 Acq: 25 Jul 2022 13:45

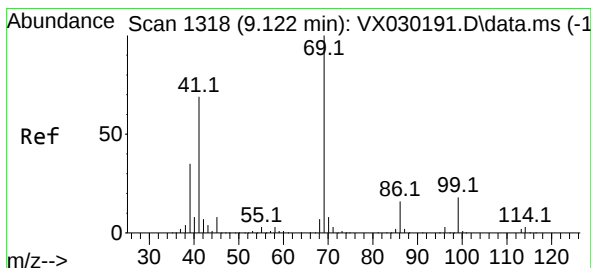
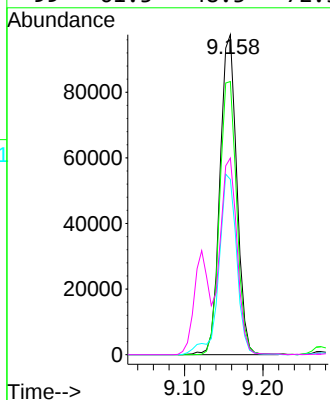
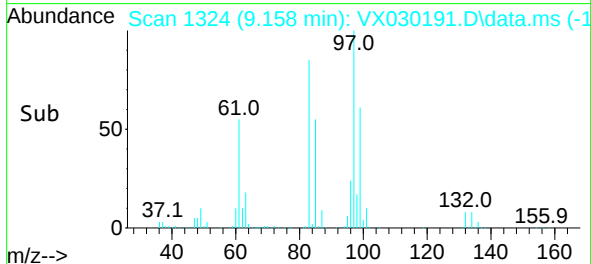
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



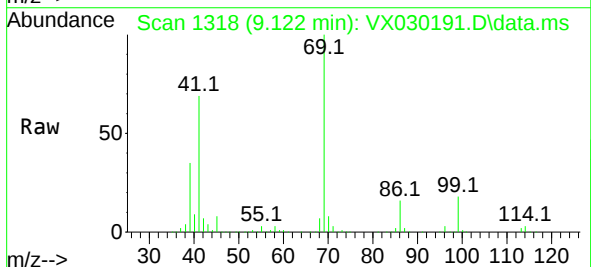
Tgt Ion: 97 Resp: 145849
 Ion Ratio Lower Upper
 97 100
 83 85.3 68.9 103.3
 85 54.8 44.0 66.0
 99 61.3 48.3 72.5

Manual Integrations
 APPROVED

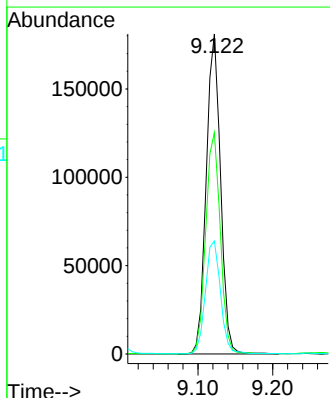
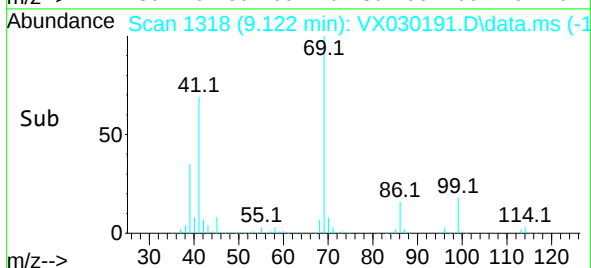
Reviewed By :John Carlone 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

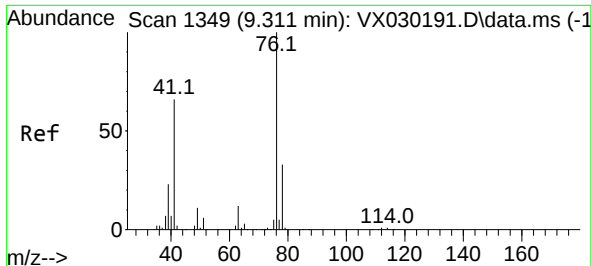


#56
 Ethyl methacrylate
 Concen: 53.065 ug/l
 RT: 9.122 min Scan# 1318
 Delta R.T. 0.000 min
 Lab File: VX030191.D
 Acq: 25 Jul 2022 13:45



Tgt Ion: 69 Resp: 241103
 Ion Ratio Lower Upper
 69 100
 41 70.2 52.3 78.5
 39 37.1 28.2 42.4





#57

1,3-Dichloropropane

Concen: 50.154 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 238092

Ion Ratio Lower Upper

76 100

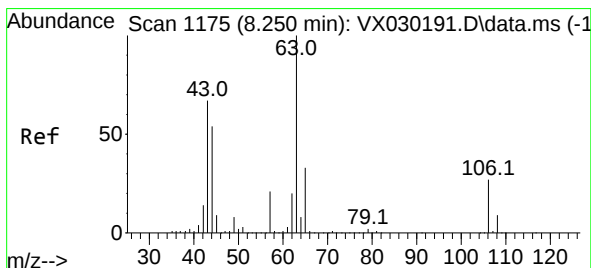
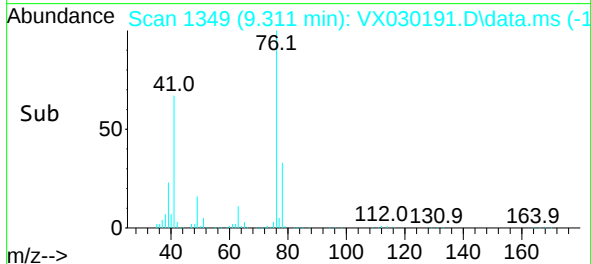
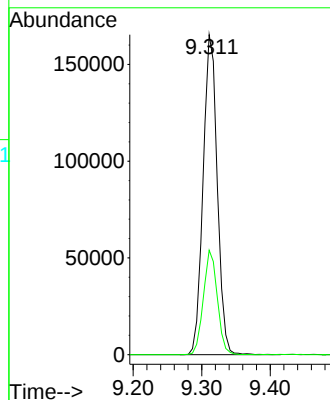
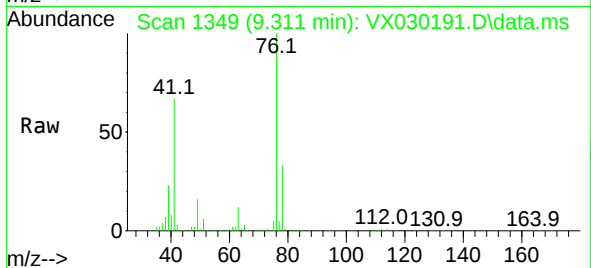
78 32.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#58

2-Chloroethyl Vinyl ether

Concen: 269.659 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VX030191.D

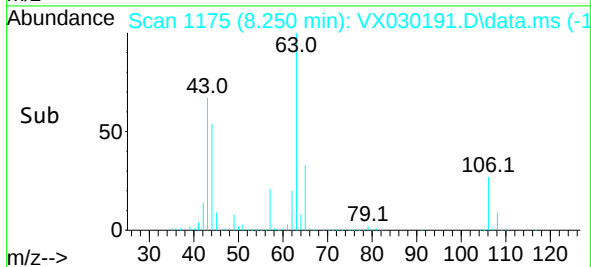
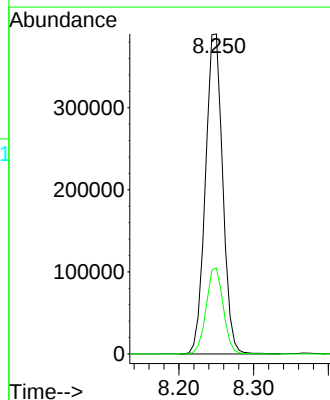
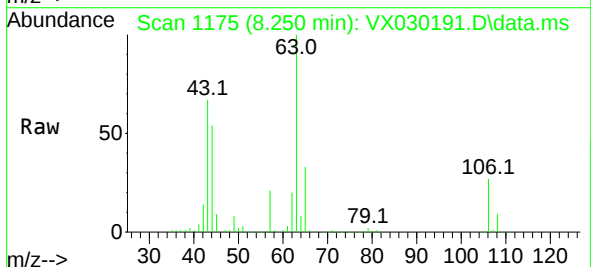
Acq: 25 Jul 2022 13:45

Tgt Ion: 63 Resp: 625677

Ion Ratio Lower Upper

63 100

106 26.5 22.2 33.2





#59

2-Hexanone

Concen: 263.064 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 1027330

Ion Ratio Lower Upper

43 100

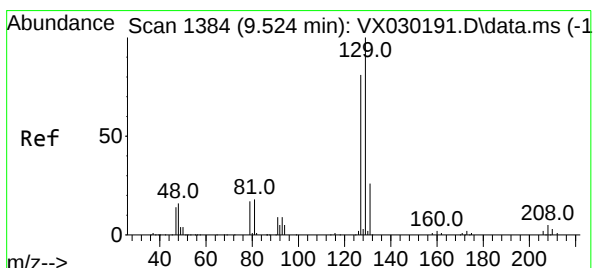
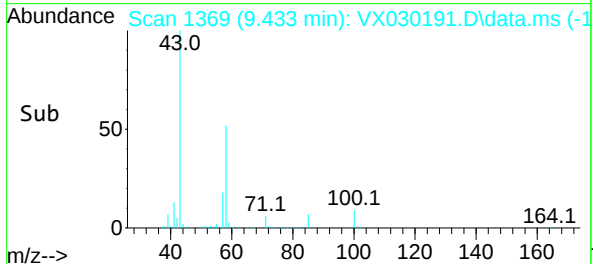
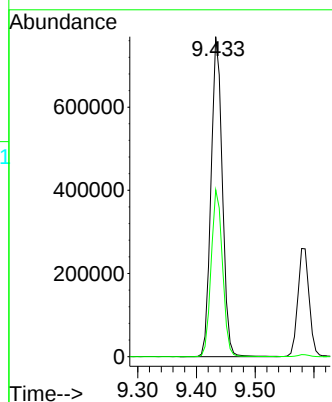
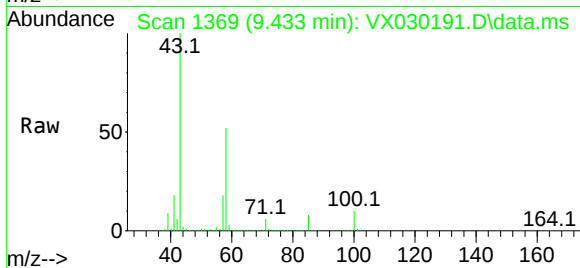
58 52.7 27.6 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#60

Dibromochloromethane

Concen: 52.801 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX030191.D

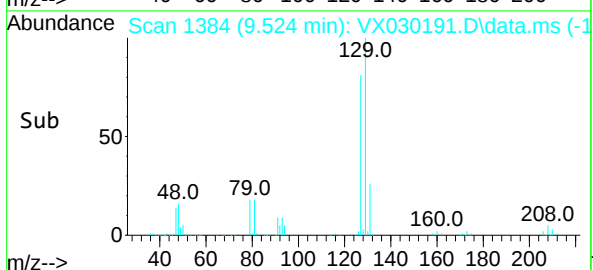
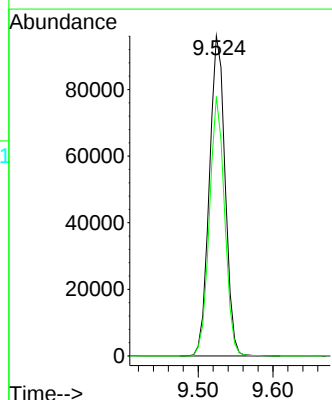
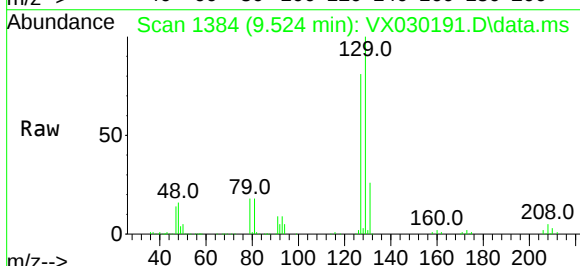
Acq: 25 Jul 2022 13:45

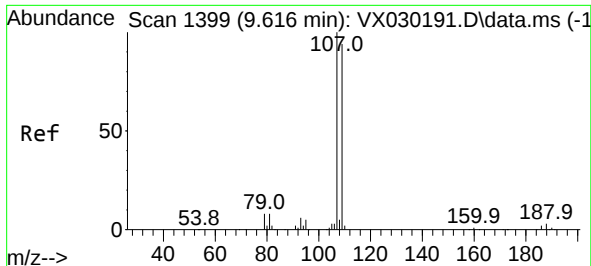
Tgt Ion:129 Resp: 140267

Ion Ratio Lower Upper

129 100

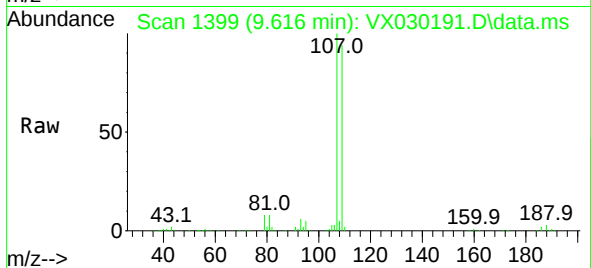
127 78.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 50.910 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

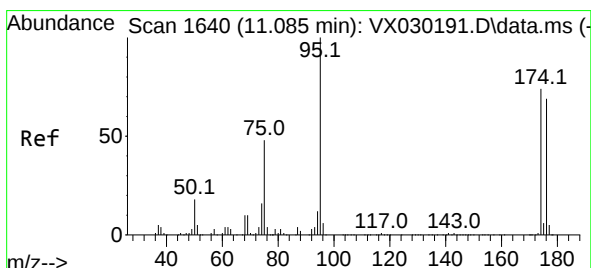
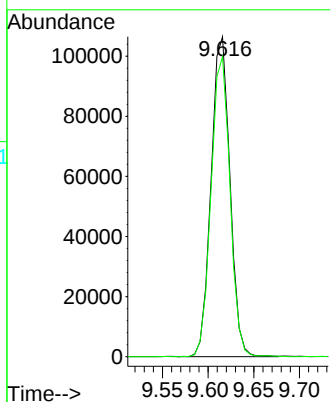
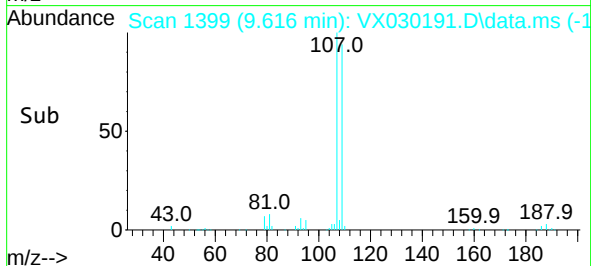
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 152580
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8

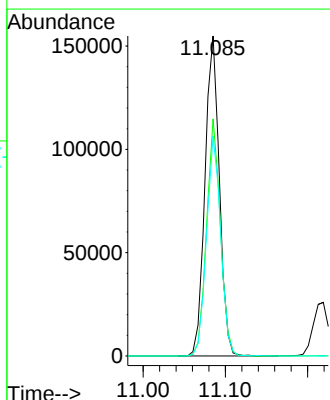
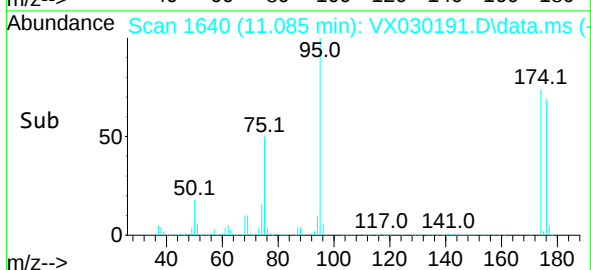
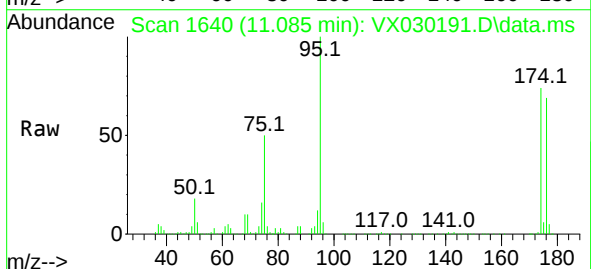
Manual Integrations
APPROVED

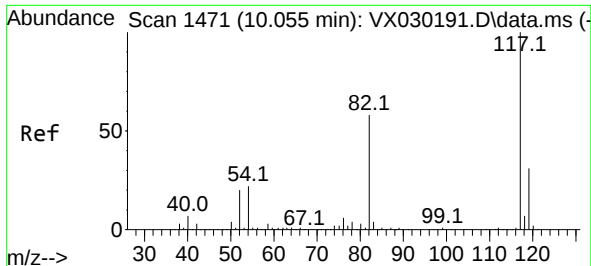
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#62
4-Bromofluorobenzene
Concen: 52.764 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

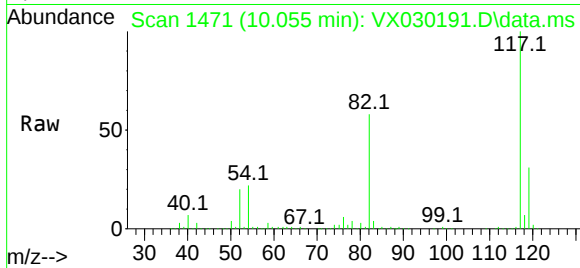
Tgt Ion: 95 Resp: 187610
Ion Ratio Lower Upper
95 100
174 71.6 0.0 149.0
176 67.7 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

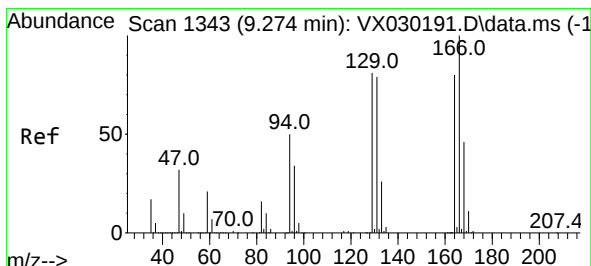
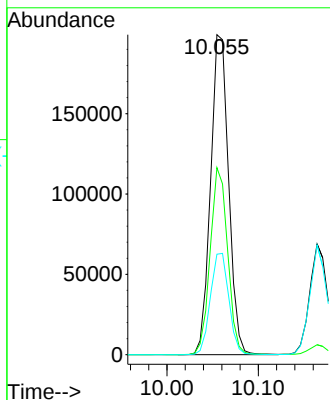
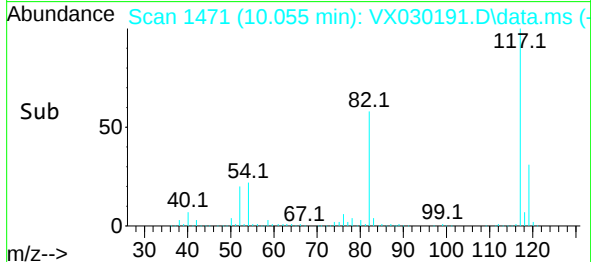
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



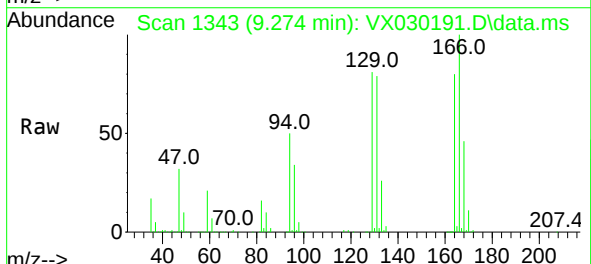
Tgt Ion:117 Resp: 27234
Ion Ratio Lower Upper
117 100
82 58.5 42.7 64.1
119 31.4 25.4 38.2

Manual Integrations
APPROVED

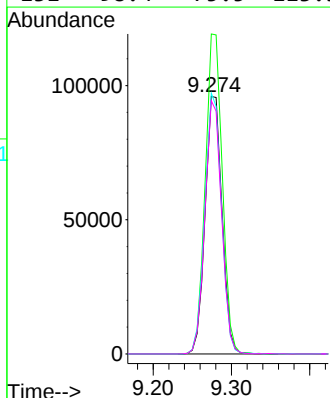
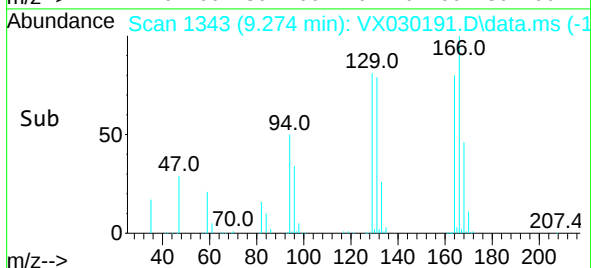
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

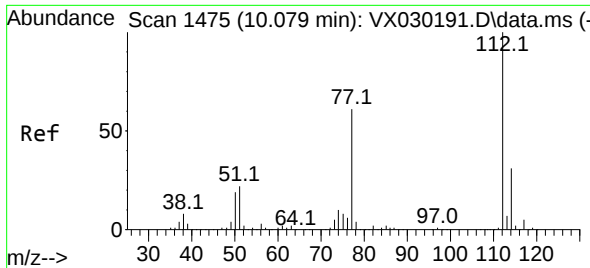


#64
Tetrachloroethene
Concen: 48.936 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45



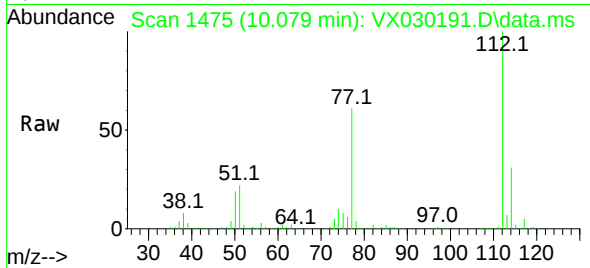
Tgt Ion:164 Resp: 143385
Ion Ratio Lower Upper
164 100
166 124.3 98.2 147.4
129 101.3 80.8 121.2
131 98.4 75.5 113.3





#65
Chlorobenzene
Concen: 50.084 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

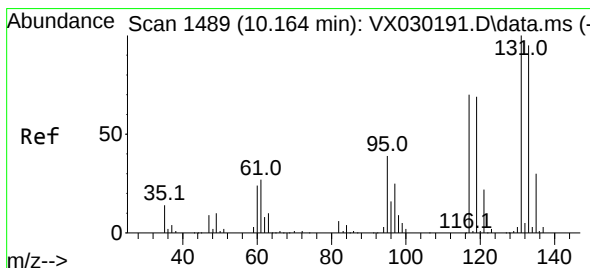
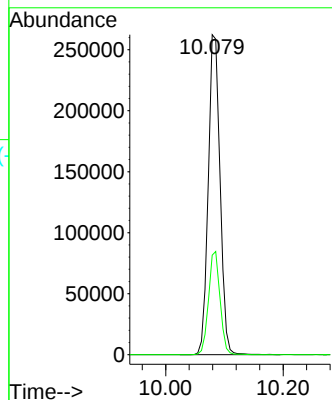
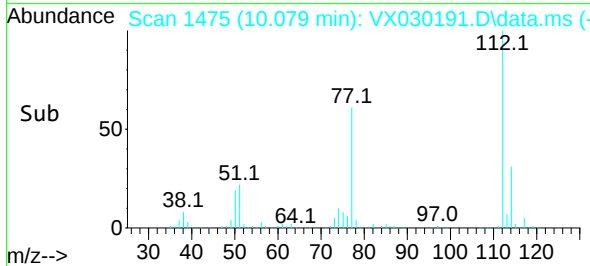
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



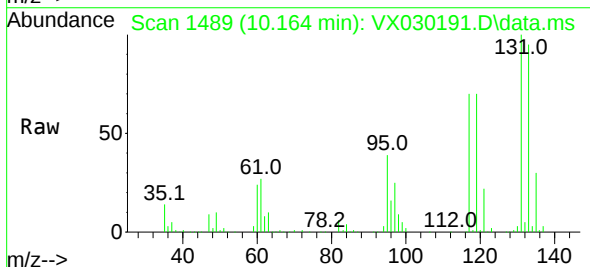
Tgt Ion:112 Resp: 366192
Ion Ratio Lower Upper
112 100
114 31.1 24.6 36.8

Manual Integrations
APPROVED

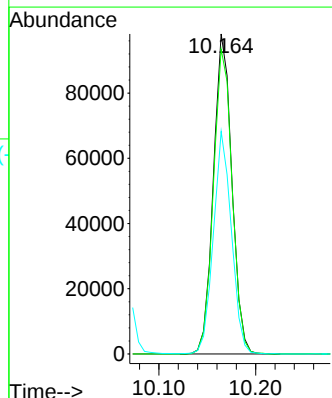
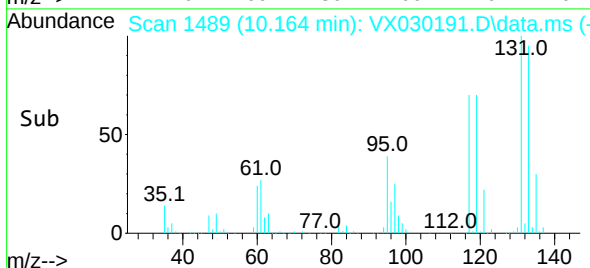
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

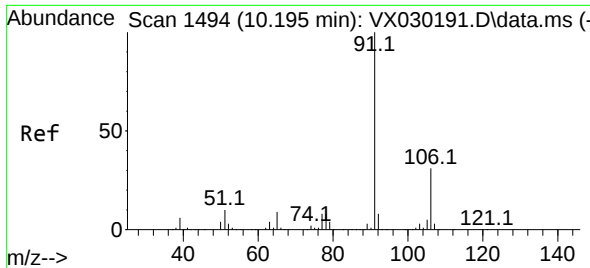


#66
1,1,1,2-Tetrachloroethane
Concen: 51.947 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45



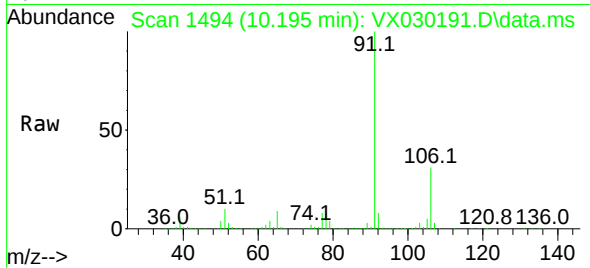
Tgt Ion:131 Resp: 129852
Ion Ratio Lower Upper
131 100
133 96.6 46.9 140.8
119 68.3 34.4 103.1





#67
Ethyl Benzene
Concen: 46.757 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

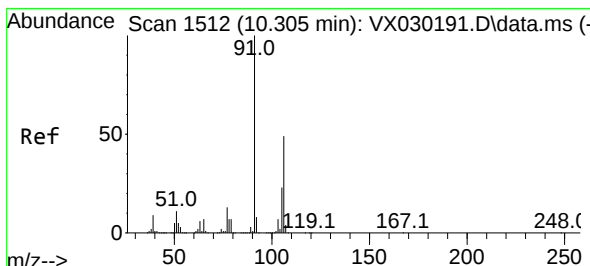
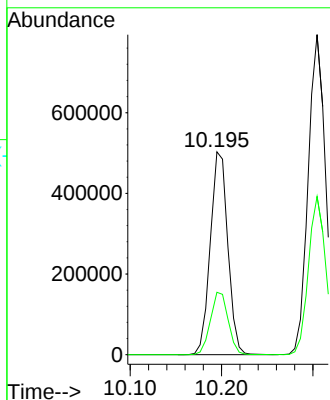
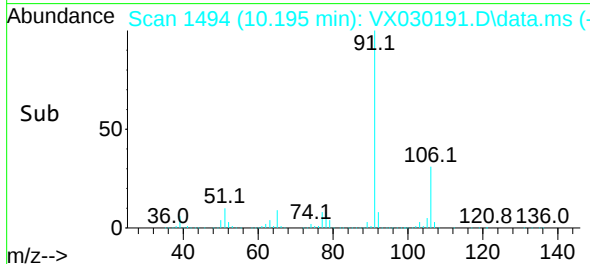
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



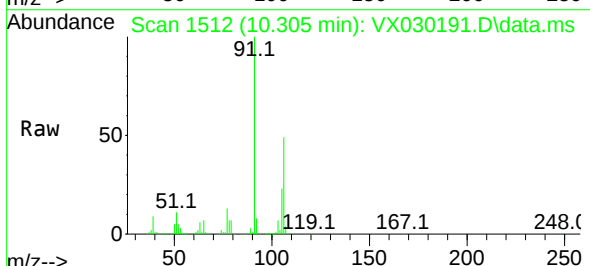
Tgt Ion: 91 Resp: 67055
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3

Manual Integrations
APPROVED

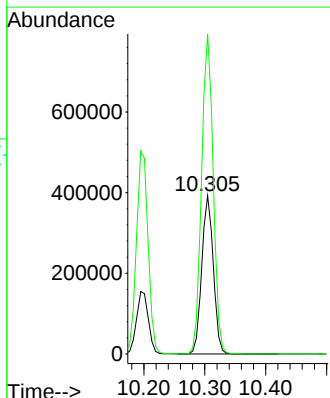
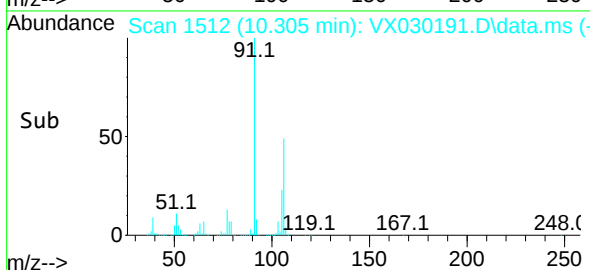
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

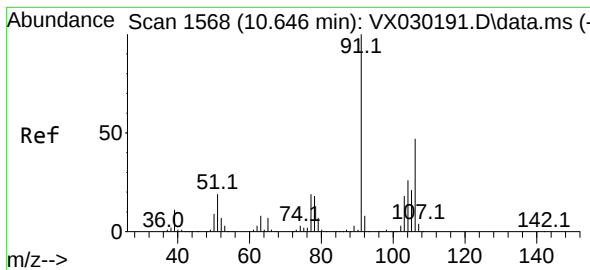


#68
m/p-Xylenes
Concen: 104.679 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45



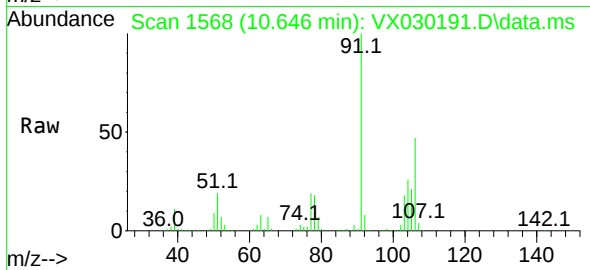
Tgt Ion:106 Resp: 517353
Ion Ratio Lower Upper
106 100
91 203.3 158.2 237.4





#69
o-Xylene
Concen: 52.173 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

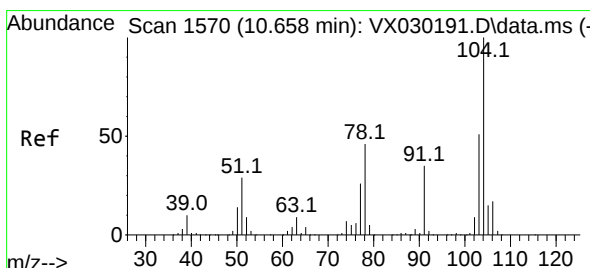
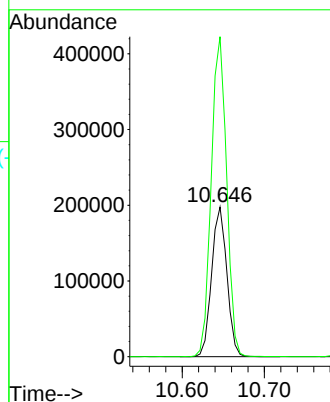
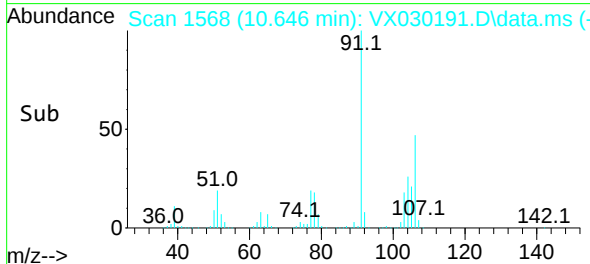
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 254063
Ion Ratio Lower Upper
106 100
91 215.7 103.8 311.6

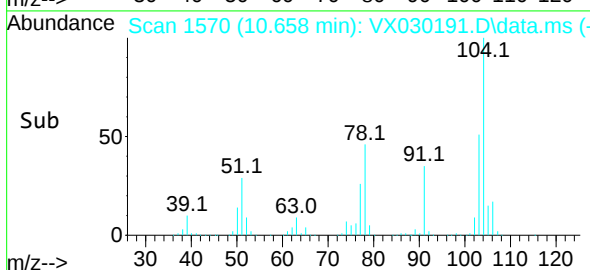
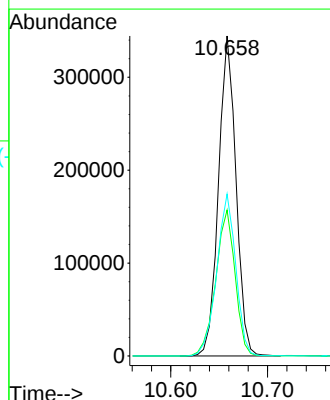
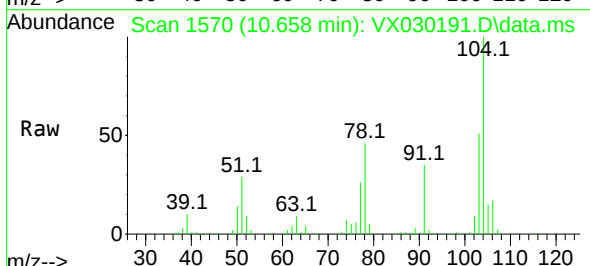
Manual Integrations
APPROVED

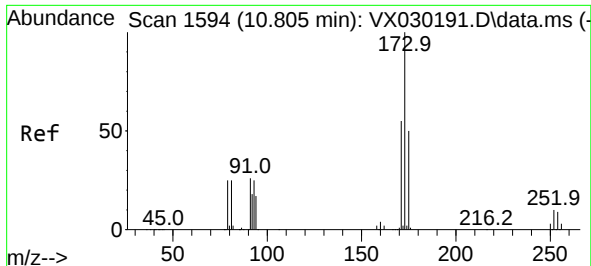
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#70
Styrene
Concen: 53.974 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

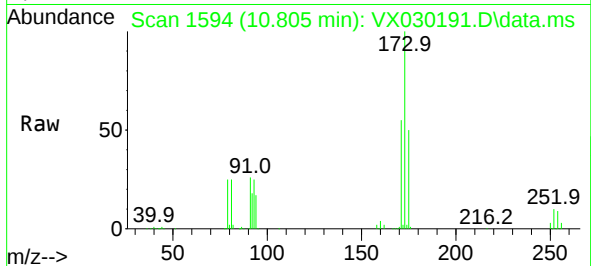
Tgt Ion:104 Resp: 431430
Ion Ratio Lower Upper
104 100
78 50.7 37.8 56.8
103 55.3 44.5 66.7





#71
Bromoform
Concen: 54.552 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

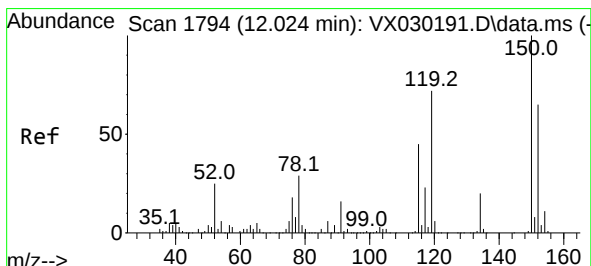
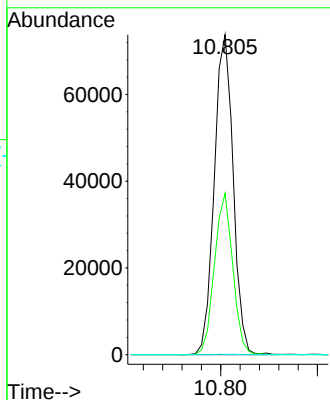
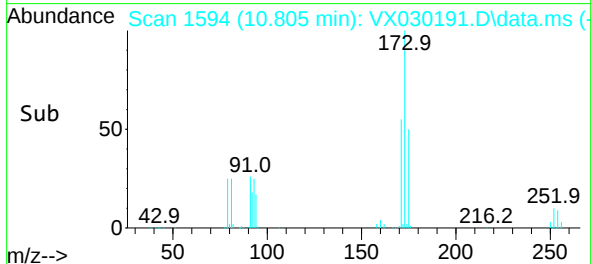
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:173 Resp: 9994
Ion Ratio Lower Upper
173 100
175 48.9 23.8 71.2
254 0.1 0.1 0.1

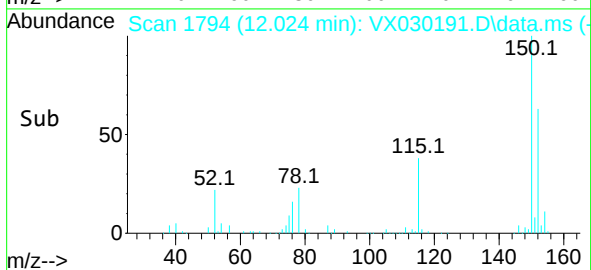
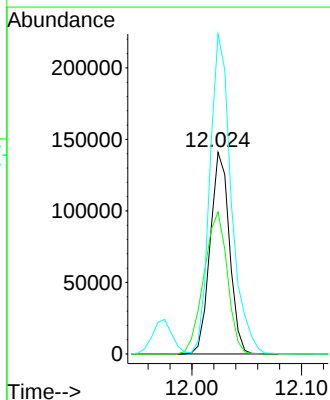
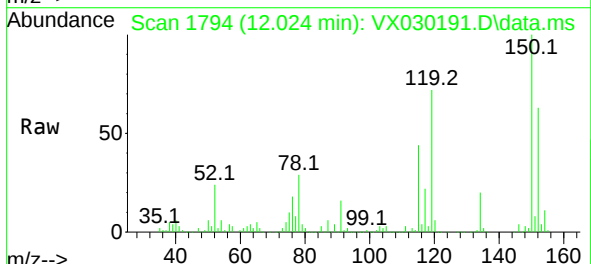
Manual Integrations
APPROVED

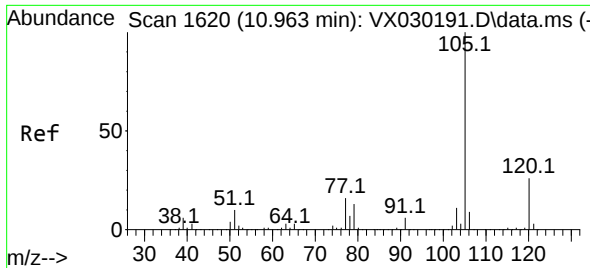
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

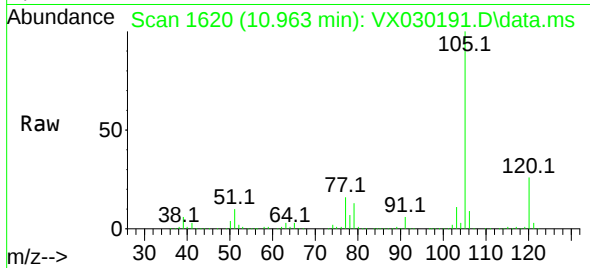
Tgt Ion:152 Resp: 172230
Ion Ratio Lower Upper
152 100
115 85.5 40.5 121.5
150 175.6 0.0 347.0





#73
Isopropylbenzene
Concen: 49.353 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

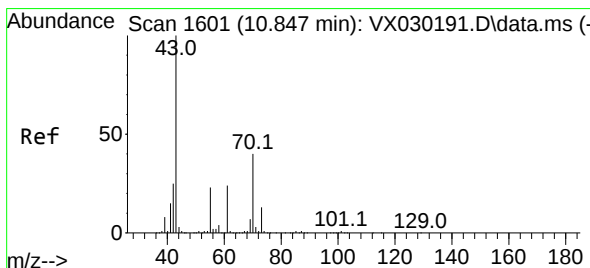
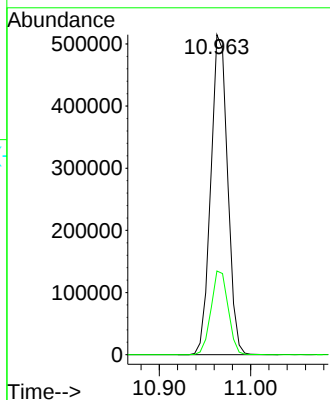
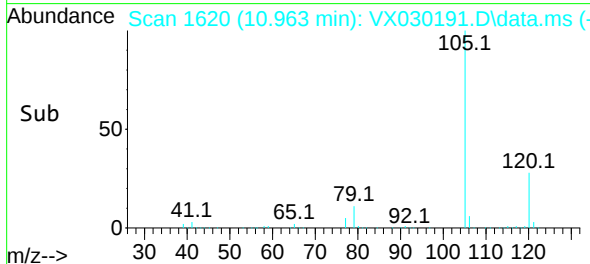
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



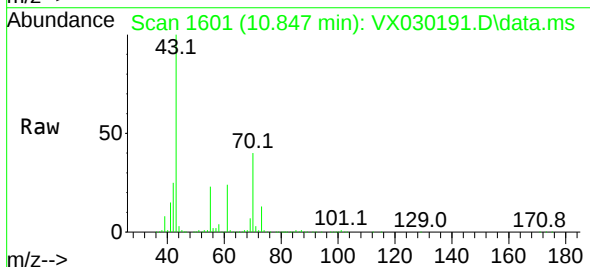
Tgt Ion:105 Resp: 65785
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

Manual Integrations
APPROVED

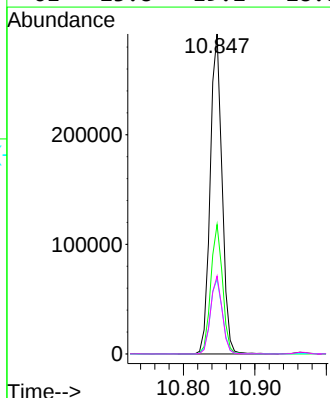
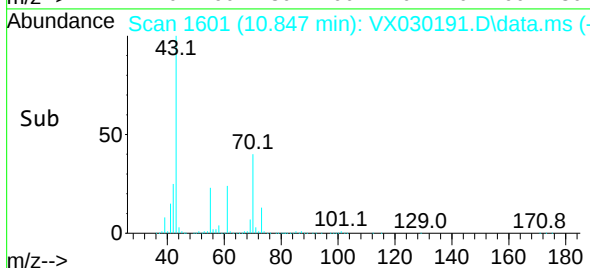
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

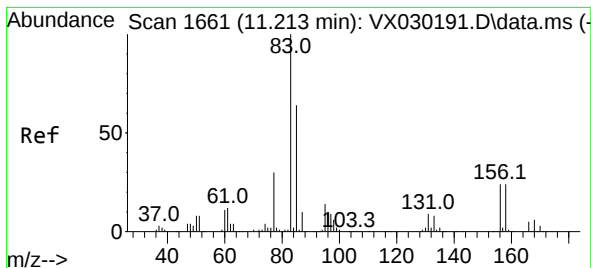


#74
N-ethyl acetate
Concen: 51.955 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45



Tgt Ion: 43 Resp: 335530
Ion Ratio Lower Upper
43 100
70 39.9 32.3 48.5
55 23.9 18.4 27.6
61 23.8 19.2 28.8





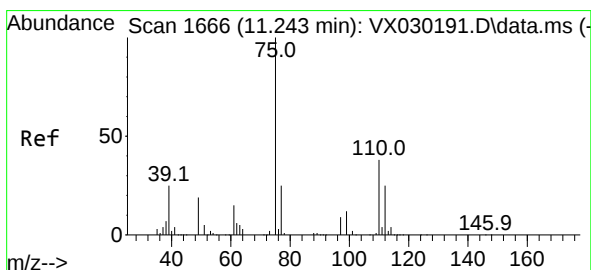
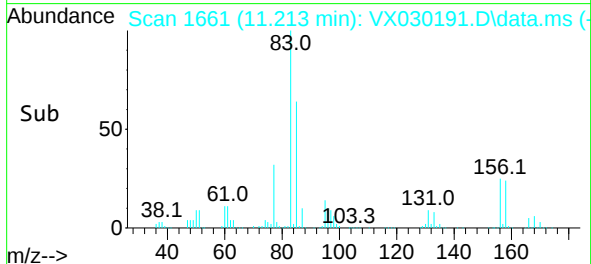
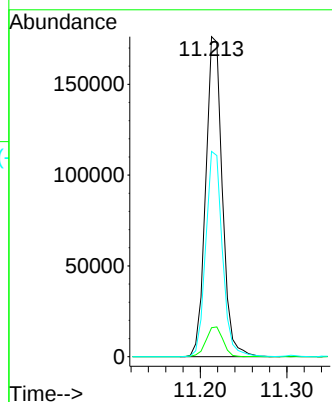
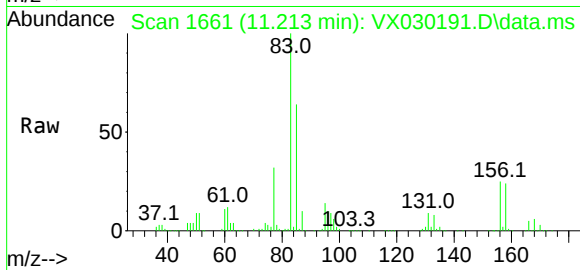
#75
1,1,2,2-Tetrachloroethane
Concen: 48.222 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 234400
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.7
85 64.4 32.5 97.5

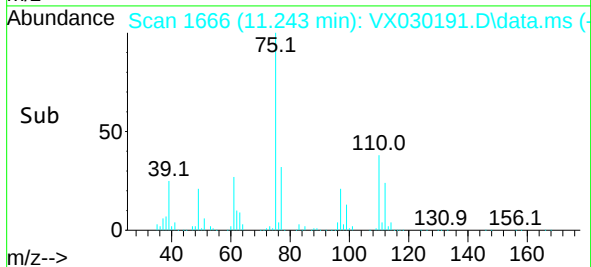
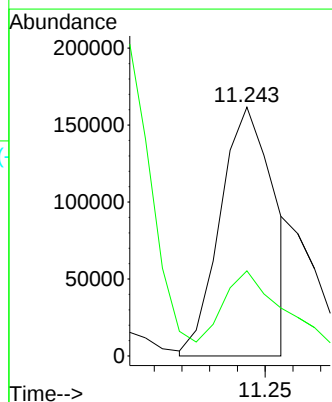
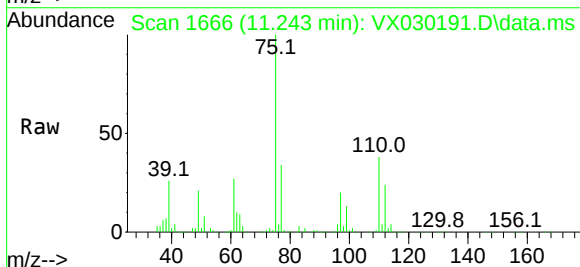
Manual Integrations
APPROVED

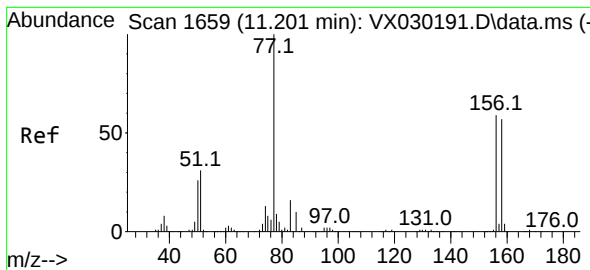
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#76
1,2,3-Trichloropropane
Concen: 45.395 ug/l m
RT: 11.243 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

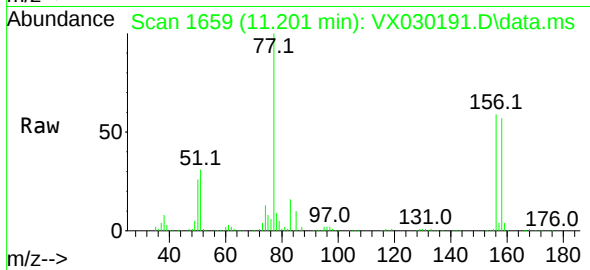
Tgt Ion: 75 Resp: 217715
Ion Ratio Lower Upper
75 100
77 41.4 19.8 59.3





#77
Bromobenzene
Concen: 49.346 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

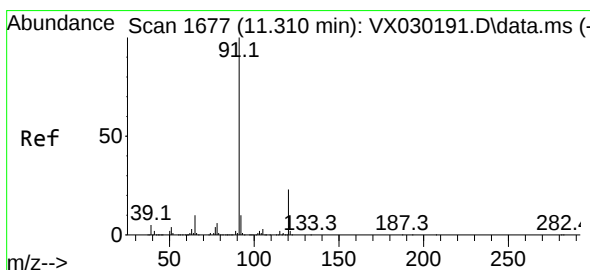
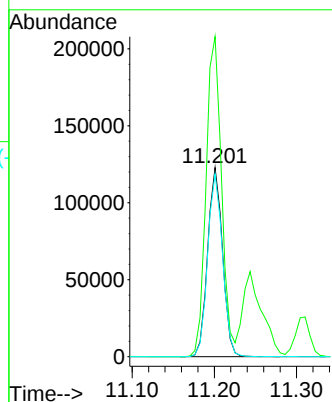
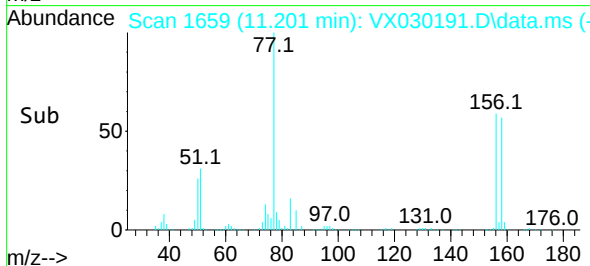
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



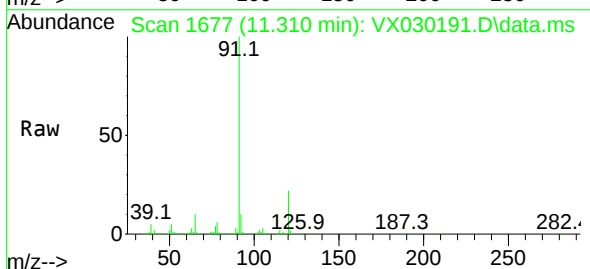
Tgt Ion:156 Resp: 15436
Ion Ratio Lower Upper
156 100
77 175.9 82.7 247.9
158 96.7 47.5 142.5

Manual Integrations
APPROVED

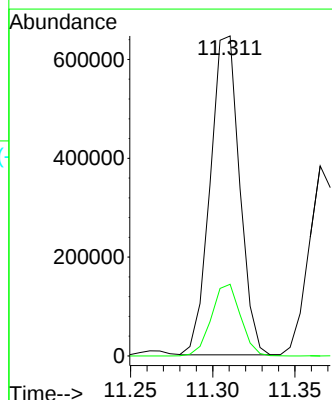
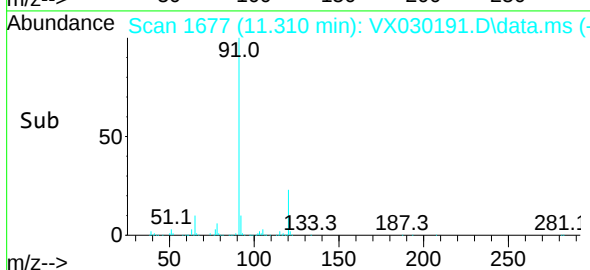
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#78
n-propylbenzene
Concen: 50.712 ug/l
RT: 11.310 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45



Tgt Ion: 91 Resp: 803636
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.8





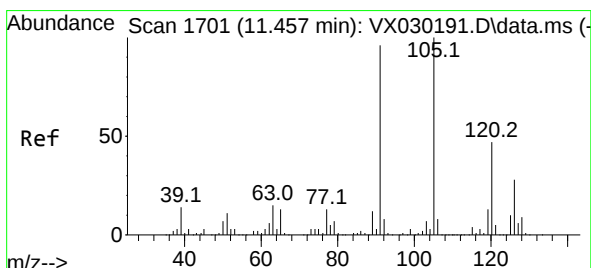
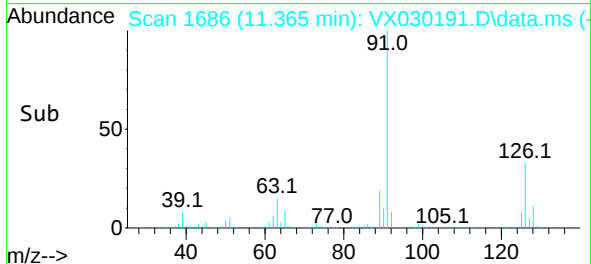
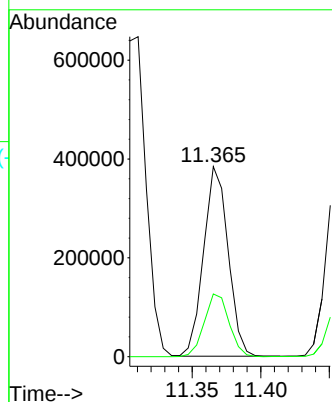
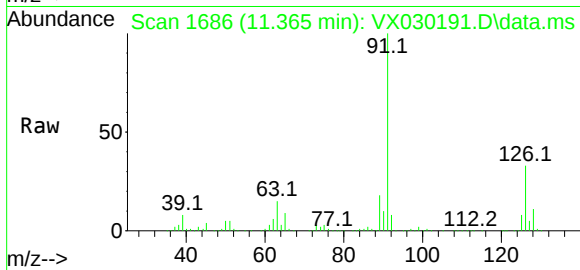
#79
2-Chlorotoluene
Concen: 47.572 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 476710
Ion Ratio Lower Upper
91 100
126 33.5 17.4 52.3

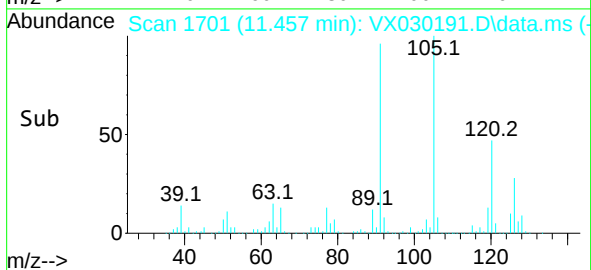
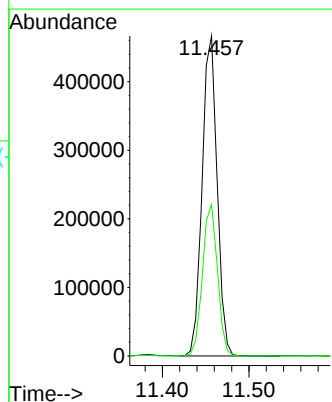
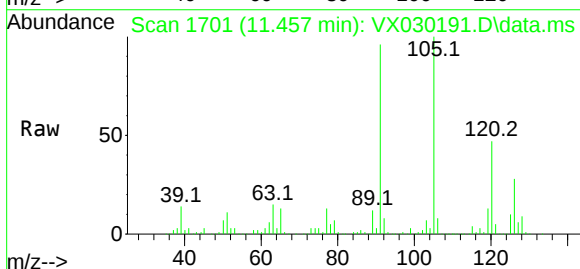
Manual Integrations
APPROVED

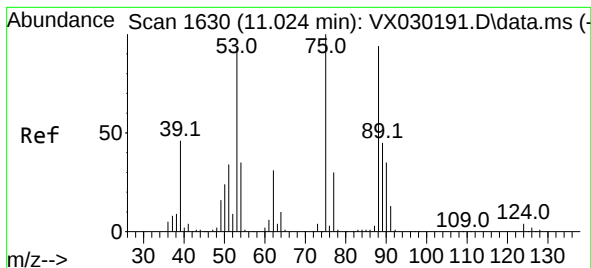
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.469 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

Tgt Ion:105 Resp: 561337
Ion Ratio Lower Upper
105 100
120 47.3 24.4 73.2





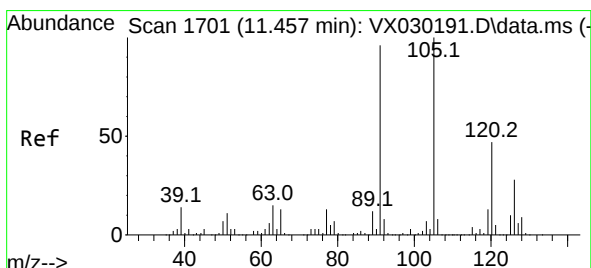
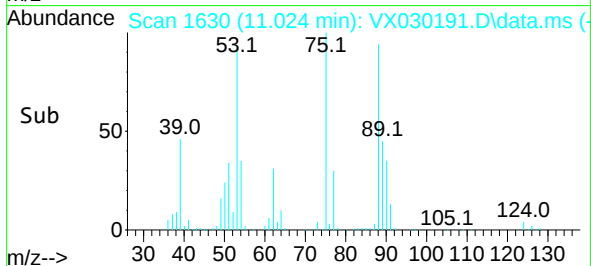
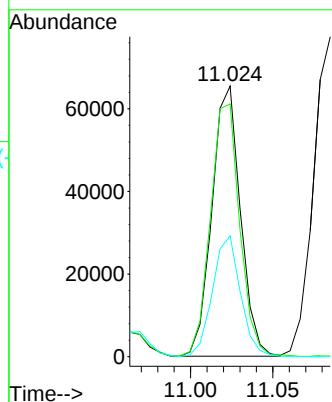
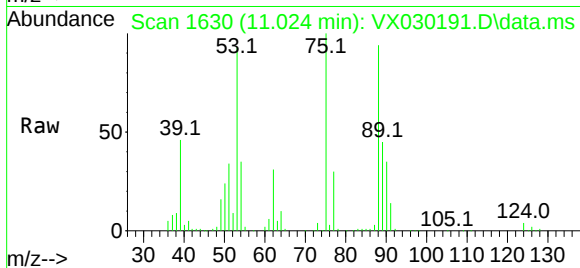
#81
trans-1,4-Dichloro-2-butene
Concen: 52.604 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 78634
Ion Ratio Lower Upper
75 100
53 96.3 74.2 111.4
89 44.0 34.8 52.2

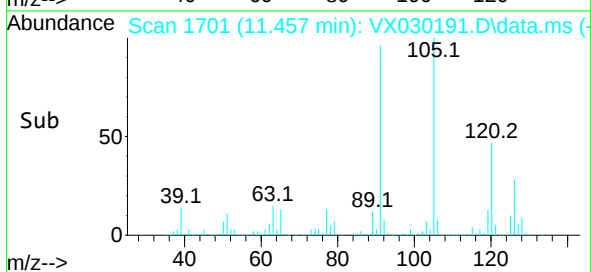
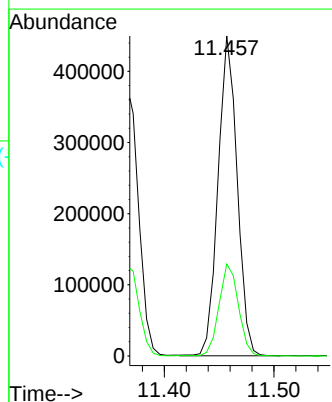
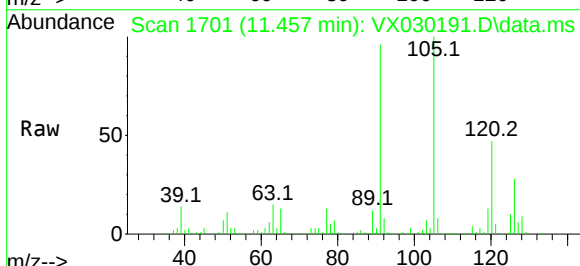
Manual Integrations
APPROVED

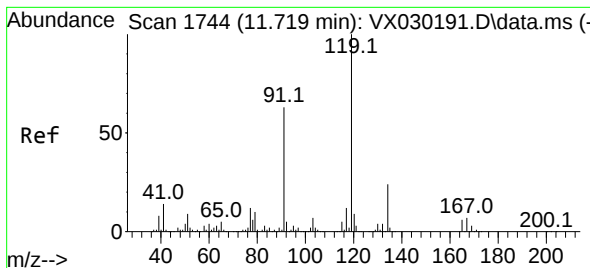
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#82
4-Chlorotoluene
Concen: 49.909 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

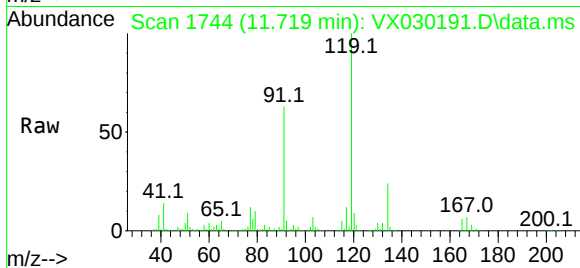
Tgt Ion: 91 Resp: 545248
Ion Ratio Lower Upper
91 100
126 29.2 15.3 45.9





#83
tert-Butylbenzene
Concen: 50.048 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

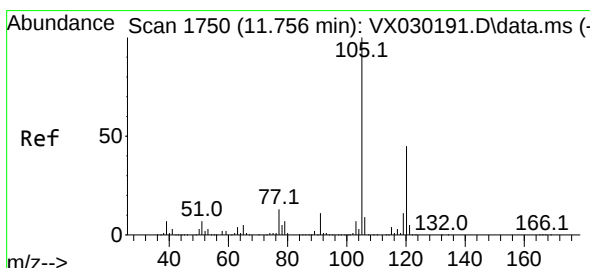
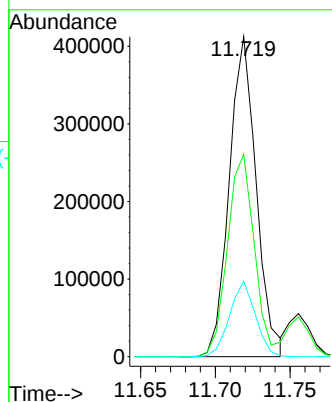
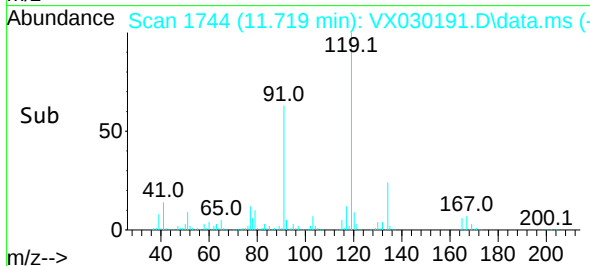
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



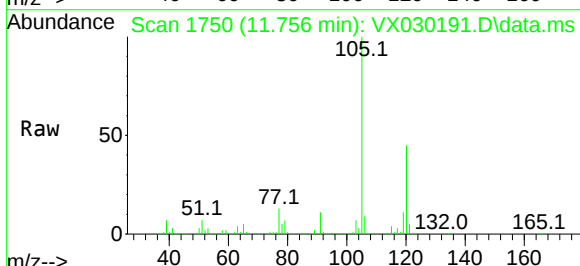
Tgt Ion:119 Resp: 516804
Ion Ratio Lower Upper
119 100
91 62.5 28.3 84.9
134 22.6 11.2 33.5

Manual Integrations
APPROVED

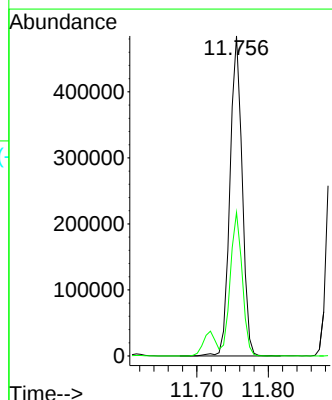
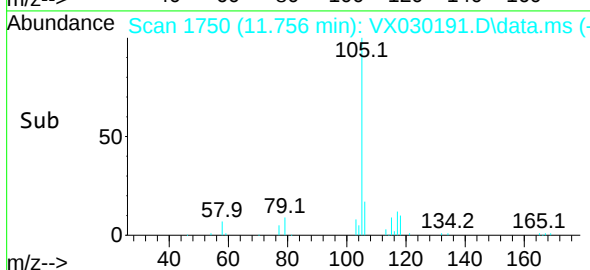
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

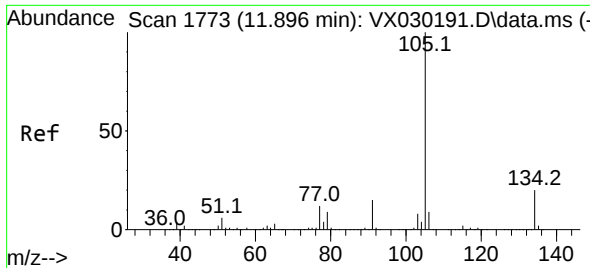


#84
1,2,4-Trimethylbenzene
Concen: 51.360 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45



Tgt Ion:105 Resp: 572075
Ion Ratio Lower Upper
105 100
120 43.9 22.9 68.8





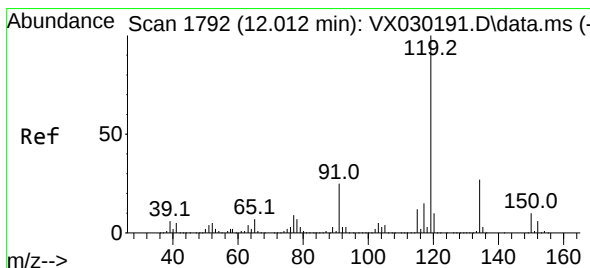
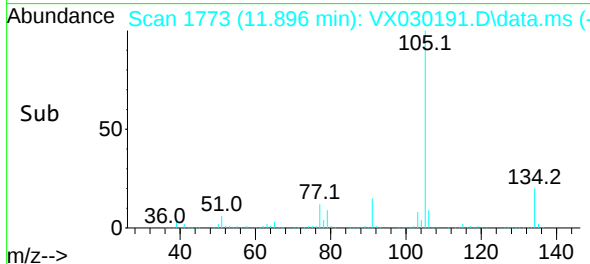
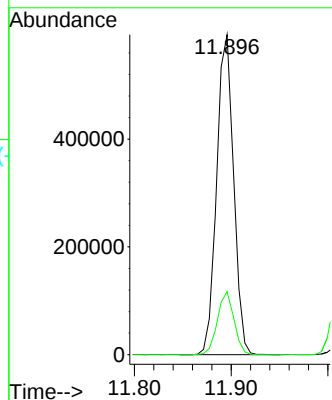
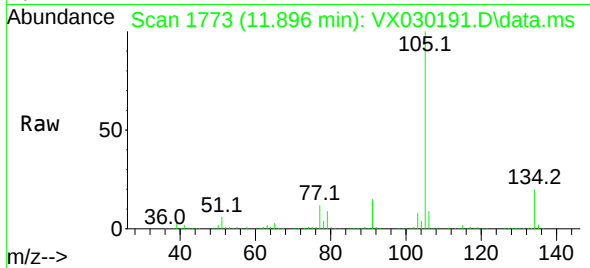
#85
 sec-Butylbenzene
 Concen: 50.866 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX030191.D
 Acq: 25 Jul 2022 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 72091
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.0 30.0

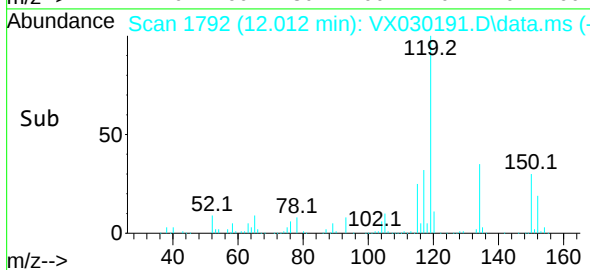
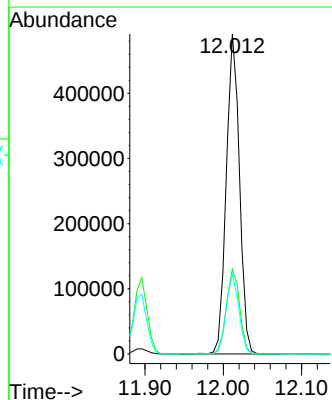
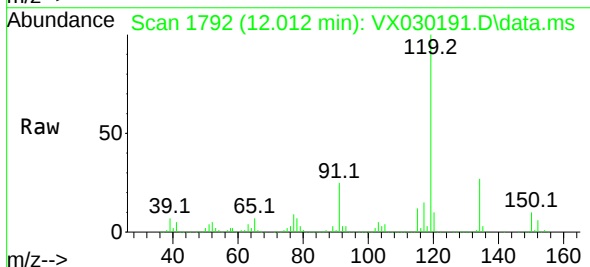
Manual Integrations
 APPROVED

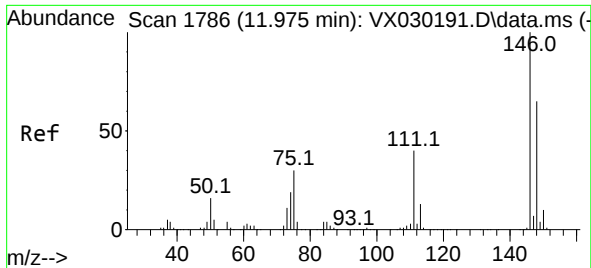
Reviewed By :John Carlone 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022



#86
 p-Isopropyltoluene
 Concen: 50.775 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030191.D
 Acq: 25 Jul 2022 13:45

Tgt Ion:119 Resp: 575133
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.9 41.6
 91 24.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 48.592 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 294689

Ion Ratio Lower Upper

146 100

111 41.8 20.3 60.8

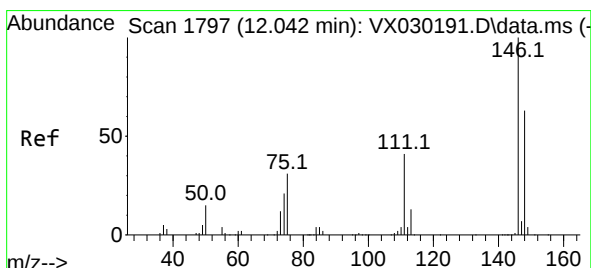
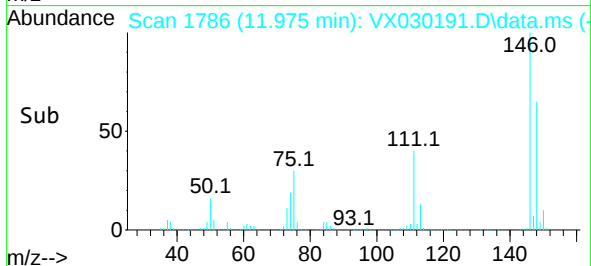
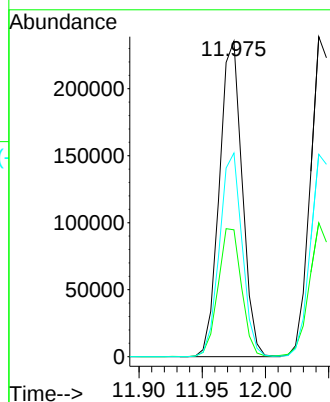
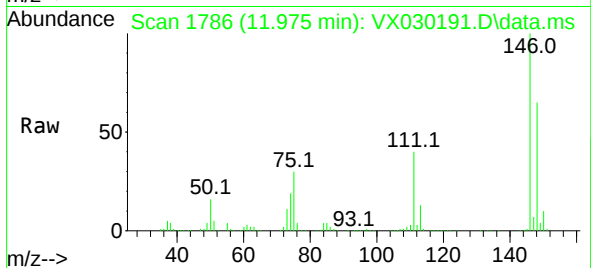
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#88

1,4-Dichlorobenzene

Concen: 48.685 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

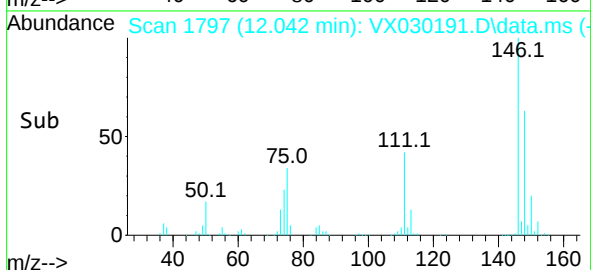
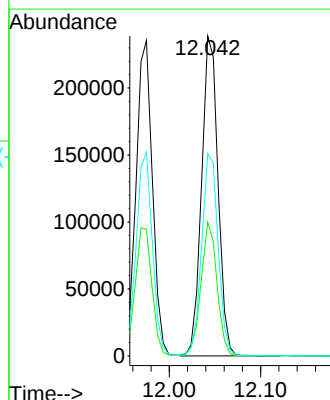
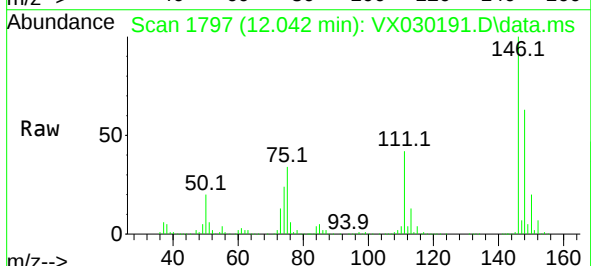
Tgt Ion:146 Resp: 296780

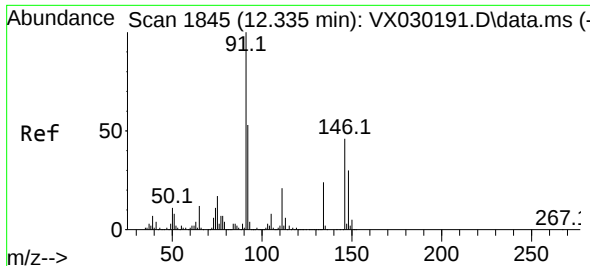
Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.9

148 63.8 32.3 96.8





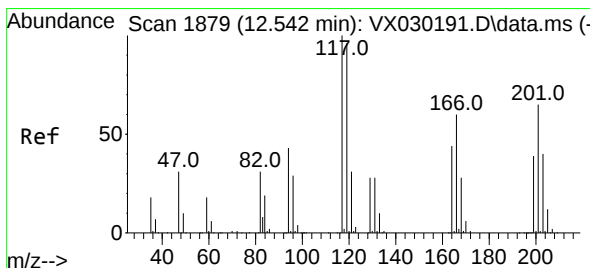
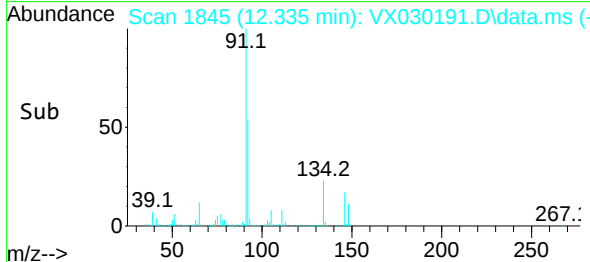
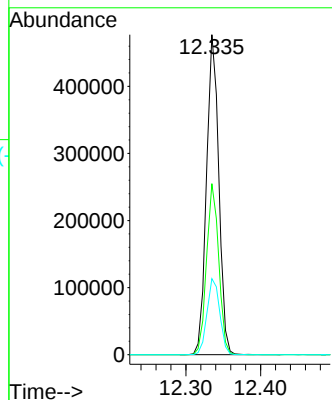
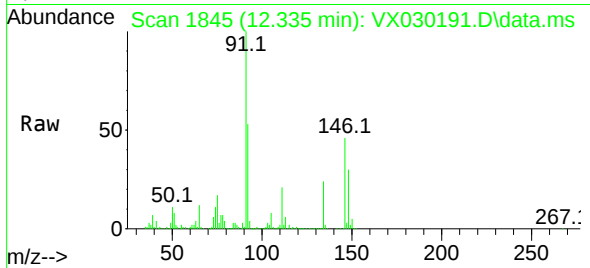
#89
n-Butylbenzene
Concen: 51.678 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 543679
Ion Ratio Lower Upper
91 100
92 53.1 26.2 78.5
134 24.6 12.6 37.8

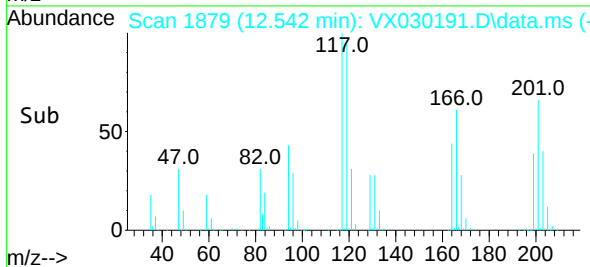
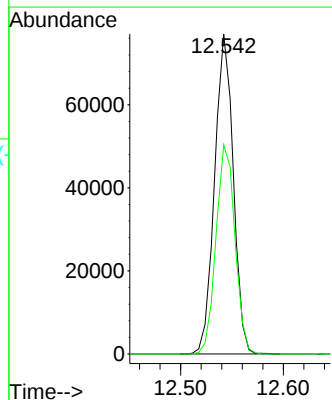
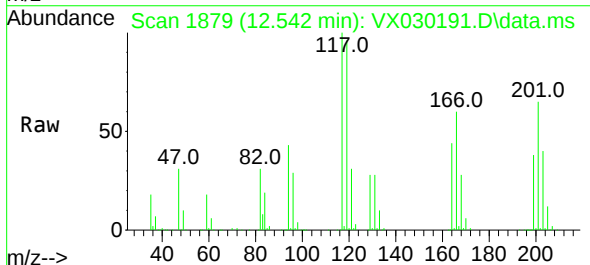
Manual Integrations
APPROVED

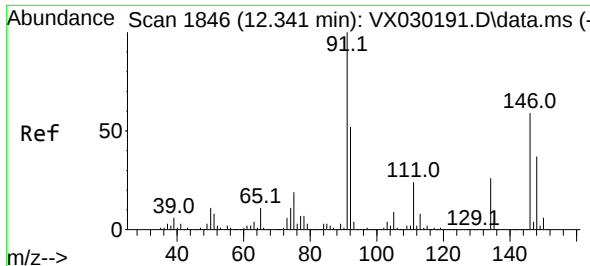
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#90
Hexachloroethane
Concen: 49.735 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

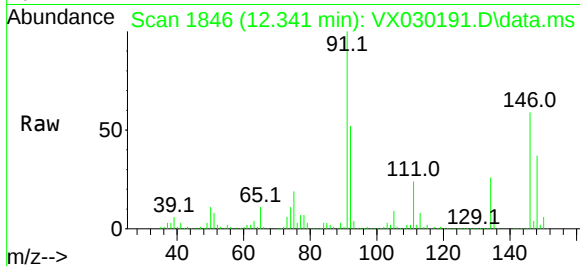
Tgt Ion:117 Resp: 97010
Ion Ratio Lower Upper
117 100
201 66.4 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 49.245 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

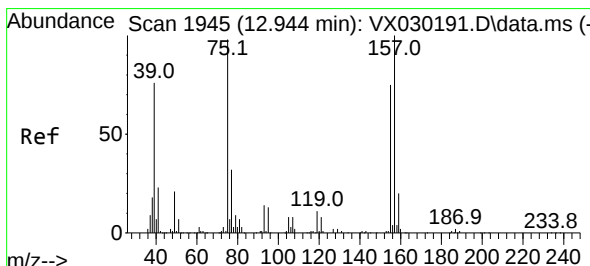
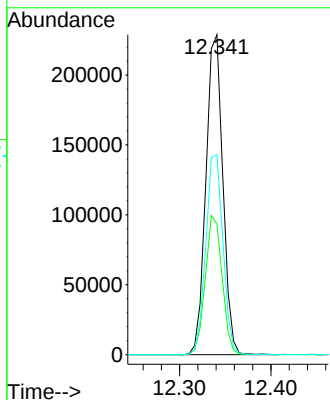
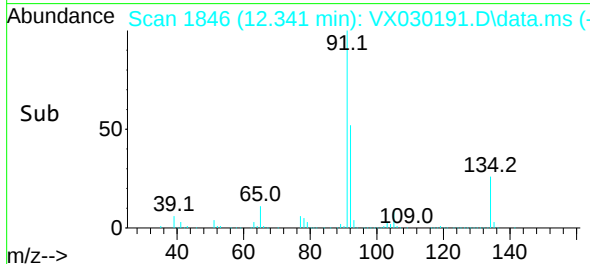
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



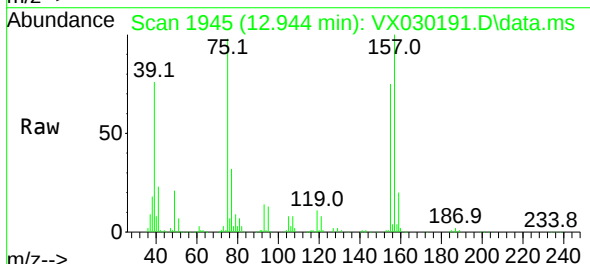
Tgt Ion:146 Resp: 29355
Ion Ratio Lower Upper
146 100
111 43.3 20.7 62.1
148 63.7 32.0 96.2

Manual Integrations
APPROVED

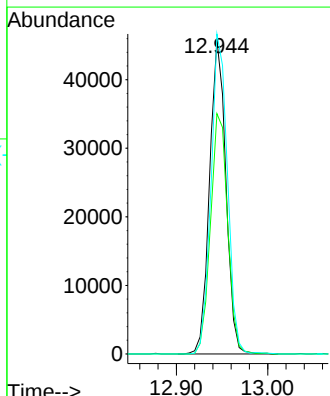
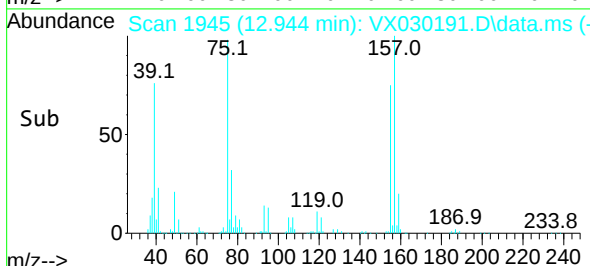
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

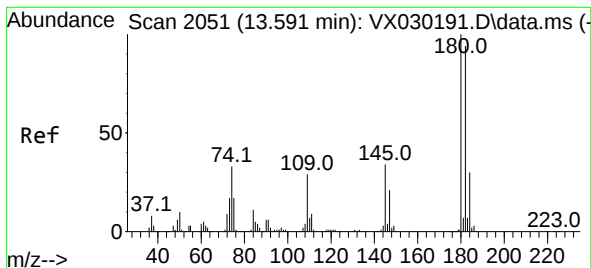


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.603 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45



Tgt Ion: 75 Resp: 56628
Ion Ratio Lower Upper
75 100
155 80.3 45.0 134.8
157 102.7 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 49.683 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 171540

Ion Ratio Lower Upper

180 100

182 95.5 48.2 144.6

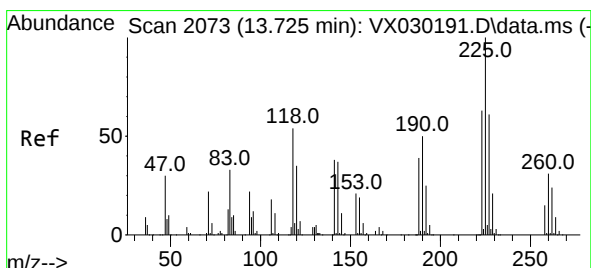
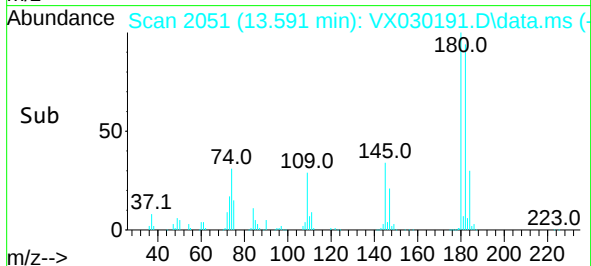
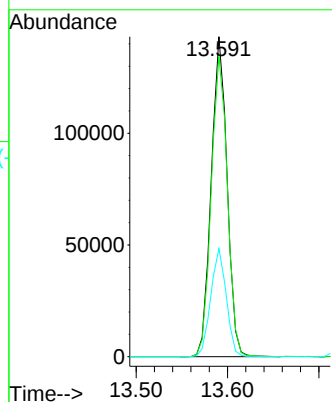
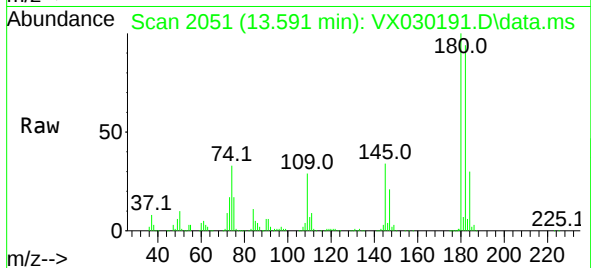
145 33.1 15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#94

Hexachlorobutadiene

Concen: 48.935 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX030191.D

Acq: 25 Jul 2022 13:45

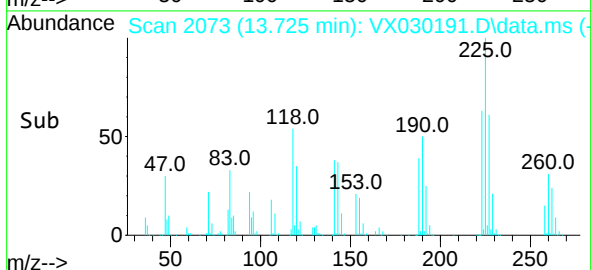
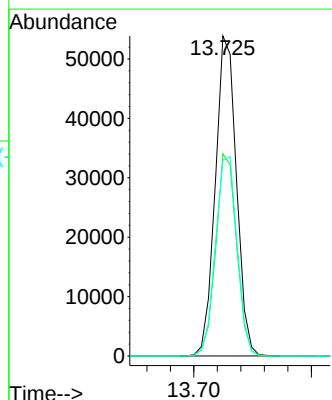
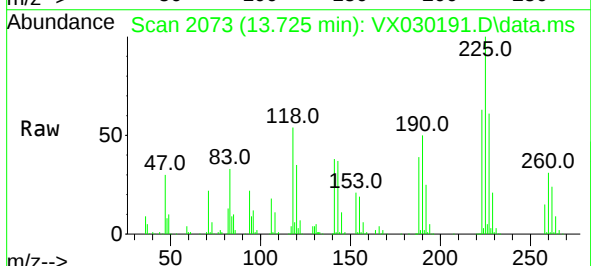
Tgt Ion:225 Resp: 67199

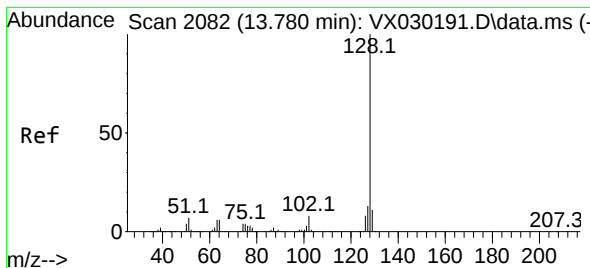
Ion Ratio Lower Upper

225 100

223 62.3 30.6 91.6

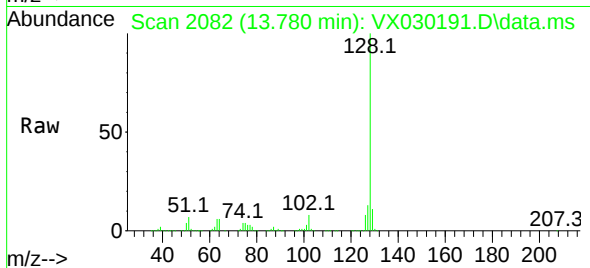
227 64.2 31.9 95.9





#95
Naphthalene
Concen: 51.633 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45

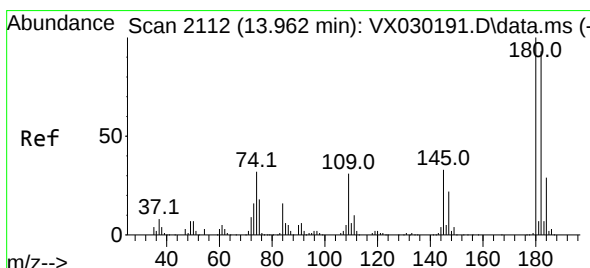
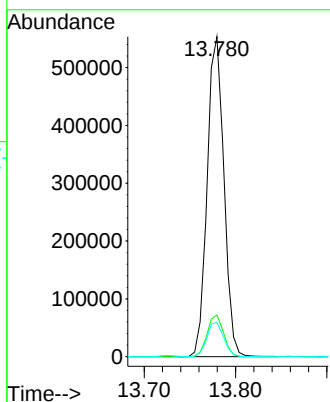
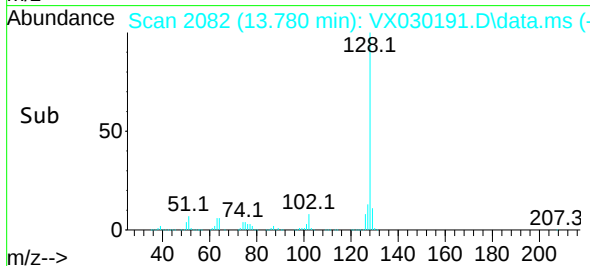
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



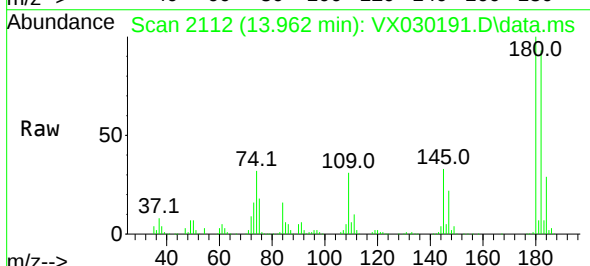
Tgt Ion:128 Resp: 702430
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.488 ug/l
RT: 13.962 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030191.D
Acq: 25 Jul 2022 13:45



Tgt Ion:180 Resp: 176591
Ion Ratio Lower Upper
180 100
182 94.2 47.0 141.0
145 33.6 17.0 50.9

