

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077436.D
 Acq On : 24 Apr 2023 13:15
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/25/2023

Quant Time: Apr 25 02:04:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	657896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1228872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1134459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	475109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	418819	48.813	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.620%		
35) Dibromofluoromethane	8.172	113	358908	48.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.460%		
50) Toluene-d8	10.566	98	1434078	50.913	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.820%		
62) 4-Bromofluorobenzene	12.848	95	482392	52.249	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	411545	49.010	ug/l	100
3) Chloromethane	2.372	50	312228	47.345	ug/l	100
4) Vinyl Chloride	2.525	62	429564	48.897	ug/l	100
5) Bromomethane	2.949	94	355444	42.736	ug/l	100
6) Chloroethane	3.125	64	303960	45.541	ug/l	100
7) Trichlorofluoromethane	3.507	101	629903	48.783	ug/l	100
8) Diethyl Ether	3.972	74	222765	47.476	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.378	101	357730	47.637	ug/l	100
10) Methyl Iodide	4.596	142	469797	51.327	ug/l	100
11) Tert butyl alcohol	5.525	59	322184	254.242	ug/l	100
12) 1,1-Dichloroethene	4.349	96	345723	46.840	ug/l	100
13) Acrolein	4.184	56	311073	229.038	ug/l	100
14) Allyl chloride	5.031	41	419534	51.397	ug/l	100
15) Acrylonitrile	5.731	53	755206	241.555	ug/l	100
16) Acetone	4.431	43	610839	223.655	ug/l	100
17) Carbon Disulfide	4.725	76	893604	47.899	ug/l	100
18) Methyl Acetate	5.037	43	494624	46.897	ug/l	100
19) Methyl tert-butyl Ether	5.801	73	1173547	48.063	ug/l	100
20) Methylene Chloride	5.290	84	407043	46.995	ug/l	100
21) trans-1,2-Dichloroethene	5.796	96	375928	47.352	ug/l	100
22) Diisopropyl ether	6.678	45	907596	48.447	ug/l	100
23) Vinyl Acetate	6.613	43	2899470	247.825	ug/l	100
24) 1,1-Dichloroethane	6.578	63	650313	49.040	ug/l	100
25) 2-Butanone	7.490	43	913056	235.705	ug/l	100
26) 2,2-Dichloropropane	7.501	77	629942	48.991	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	449839	47.843	ug/l	100
28) Bromochloromethane	7.819	49	271539	53.621	ug/l	100
29) Tetrahydrofuran	7.842	42	578467	238.338	ug/l	100
30) Chloroform	7.972	83	722070	48.316	ug/l	100
31) Cyclohexane	8.260	56	558228	38.960	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	692258	50.383	ug/l	100
36) 1,1-Dichloropropene	8.378	75	534007	50.044	ug/l	100
37) Ethyl Acetate	7.566	43	385619	47.557	ug/l	100
38) Carbon Tetrachloride	8.366	117	591121	50.209	ug/l	100
39) Methylcyclohexane	9.601	83	715491	50.892	ug/l	100
40) Benzene	8.607	78	1607039	49.437	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	207824	49.210	ug/l	100
42) 1,2-Dichloroethane	8.678	62	545521	48.860	ug/l	100
43) Isopropyl Acetate	8.695	43	697105	49.695	ug/l	100
44) Trichloroethene	9.354	130	412853	49.603	ug/l	100
45) 1,2-Dichloropropane	9.619	63	376649	49.463	ug/l	100
46) Dibromomethane	9.713	93	298164	48.257	ug/l	100
47) Bromodichloromethane	9.889	83	596878	49.942	ug/l	100
48) Methyl methacrylate	9.684	41	309646	48.493	ug/l	100
49) 1,4-Dioxane	9.695	88	149086	930.828	ug/l	100
51) 4-Methyl-2-Pentanone	10.448	43	1984645	241.209	ug/l	100
52) Toluene	10.631	92	1091576	51.258	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	633896	52.380	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	682023	51.775	ug/l	100
55) 1,1,2-Trichloroethane	11.019	97	424162	49.531	ug/l	100
56) Ethyl methacrylate	10.878	69	605175	50.434	ug/l	100
57) 1,3-Dichloropropane	11.166	76	688455	50.472	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	1106269	272.572	ug/l	100
59) 2-Hexanone	11.195	43	1446595	241.874	ug/l	100
60) Dibromochloromethane	11.360	129	459693	51.724	ug/l	100
61) 1,2-Dibromoethane	11.472	107	432839	49.508	ug/l	100
64) Tetrachloroethene	11.107	164	333173	49.061	ug/l	100
65) Chlorobenzene	11.895	112	1160450	48.340	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	416558	47.694	ug/l	100
67) Ethyl Benzene	11.966	91	2081075	49.245	ug/l	100
68) m/p-Xylenes	12.072	106	1633080	99.429	ug/l	100
69) o-Xylene	12.401	106	807414	49.978	ug/l	100
70) Styrene	12.413	104	1299750	51.445	ug/l	100
71) Bromoform	12.577	173	287948	50.392	ug/l #	100
73) Isopropylbenzene	12.695	105	2106345	47.776	ug/l	100
74) N-amyl acetate	12.495	43	604146	46.286	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.942	83	615011	44.397	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	504576m	44.695	ug/l	100
77) Bromobenzene	12.983	156	436654	45.444	ug/l	100
78) n-propylbenzene	13.036	91	2416303	49.567	ug/l	100
79) 2-Chlorotoluene	13.124	91	1442100	47.981	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1739631	53.133	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	192214	50.541	ug/l	100
82) 4-Chlorotoluene	13.224	91	1379903	49.133	ug/l	100
83) tert-Butylbenzene	13.442	119	1507770	47.420	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1712365	56.001	ug/l	100
85) sec-Butylbenzene	13.619	105	2178314	49.912	ug/l	100
86) p-Isopropyltoluene	13.730	119	1753664	52.225	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	809097	47.348	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	812463	48.192	ug/l	100
89) n-Butylbenzene	14.060	91	1470650	56.593	ug/l	100
90) Hexachloroethane	14.336	117	349295	47.084	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	812020	47.911	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	115322	45.019	ug/l	100
93) 1,2,4-Trichlorobenzene	15.371	180	279176	50.894	ug/l	100
94) Hexachlorobutadiene	15.465	225	167567	48.926	ug/l	100
95) Naphthalene	15.589	128	1060176	50.833	ug/l	100
96) 1,2,3-Trichlorobenzene	15.754	180	261146	50.873	ug/l	100

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ClientSampleId :
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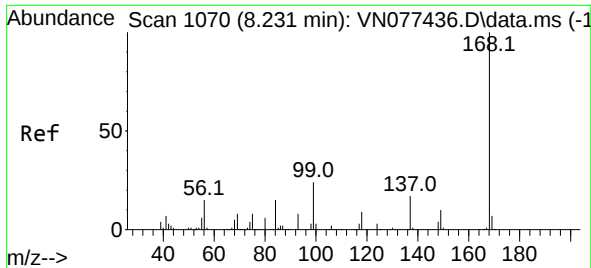
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/25/2023

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Quant Title : SW846 8260
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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



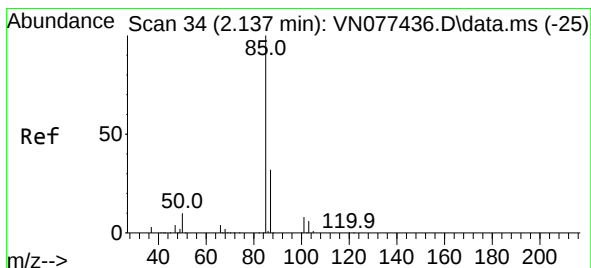
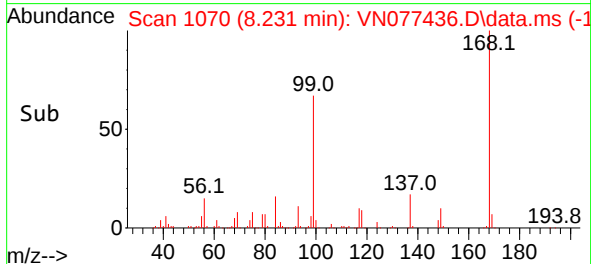
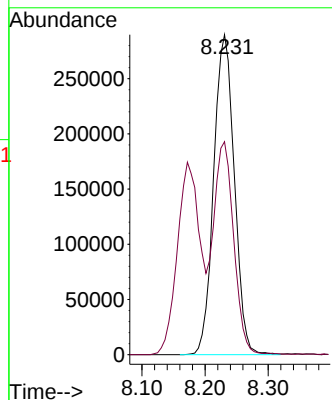
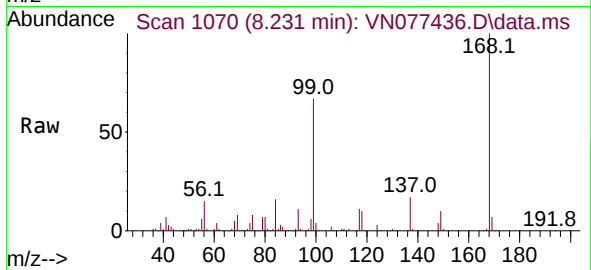
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077436.D
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ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 657890
Ion Ratio Lower Upper
168 100
99 66.3 53.0 79.6

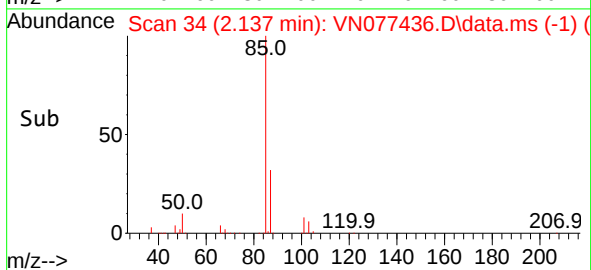
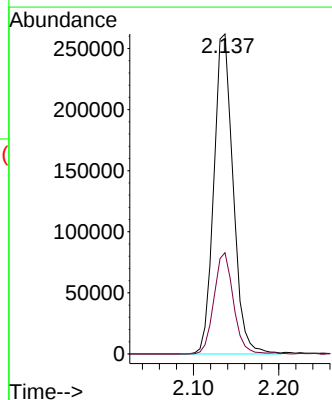
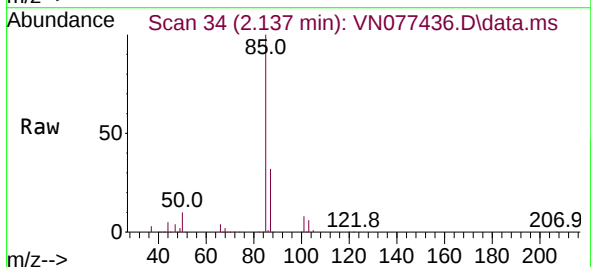
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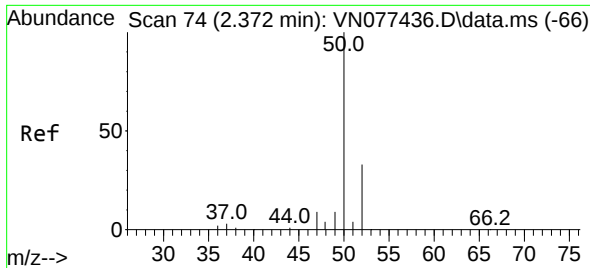
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#2
Dichlorodifluoromethane
Concen: 49.010 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

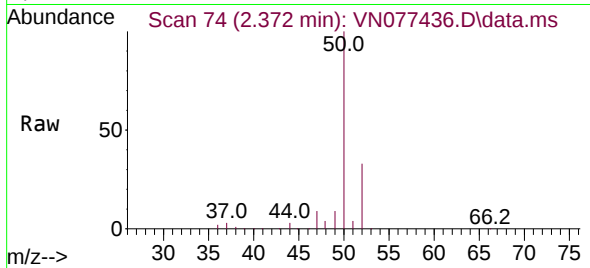
Tgt Ion: 85 Resp: 411545
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





#3
Chloromethane
Concen: 47.345 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

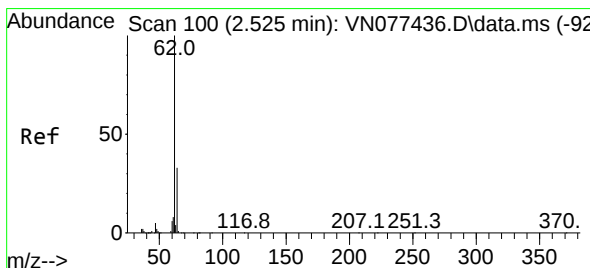
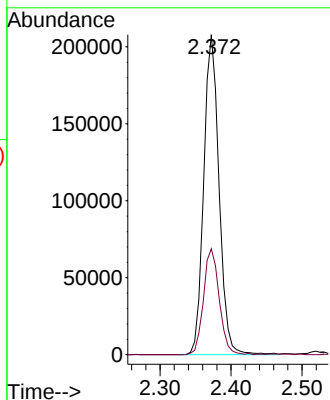
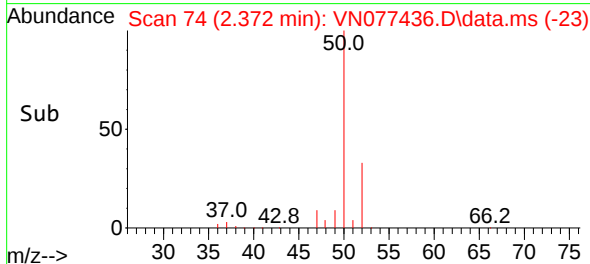
Instrument :
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VSTDICCC050



Tgt Ion: 50 Resp: 312228
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

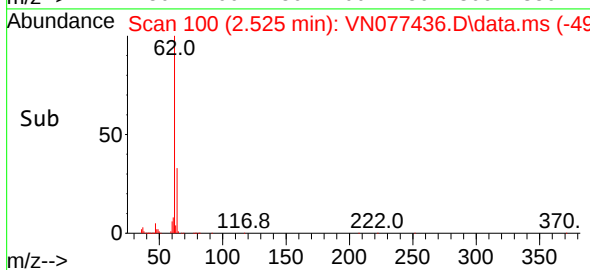
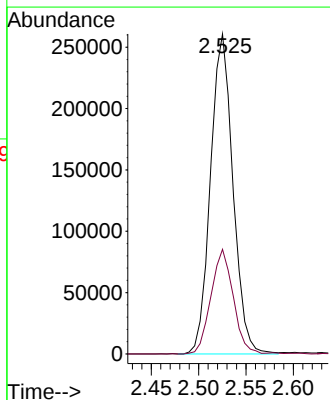
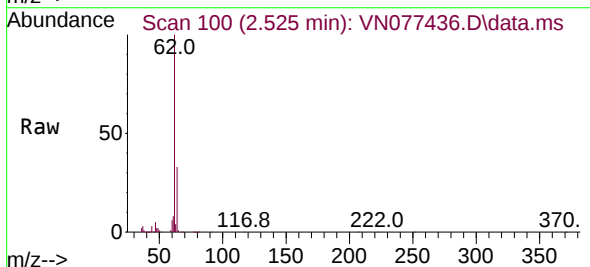
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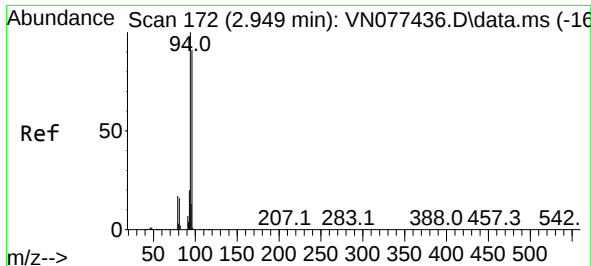
Reviewed By :John Carlone 04/25/2023
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#4
Vinyl Chloride
Concen: 48.897 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

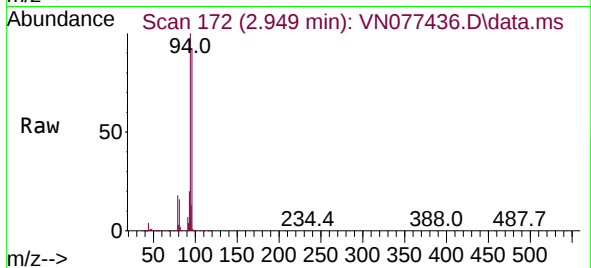
Tgt Ion: 62 Resp: 429564
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2





#5
Bromomethane
Concen: 42.736 ug/l
RT: 2.949 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN077436.D
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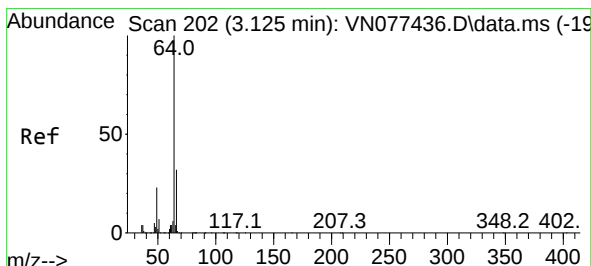
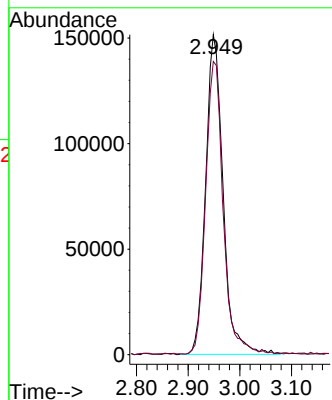
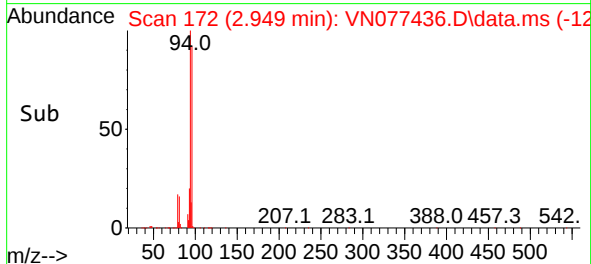
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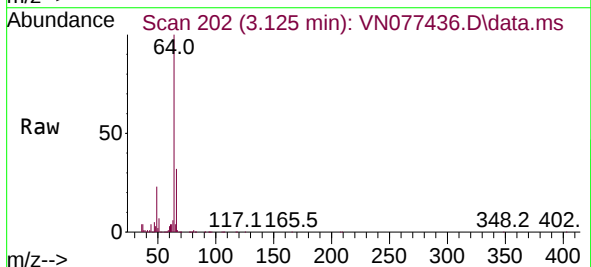
Tgt Ion: 94 Resp: 35544
Ion Ratio Lower Upper
94 100
96 91.4 73.1 109.7

Manual Integrations
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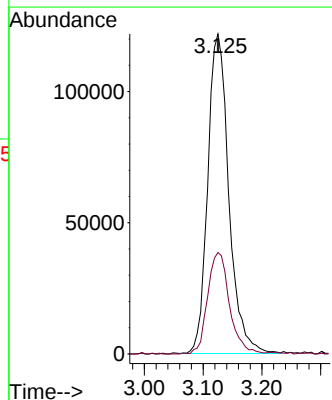
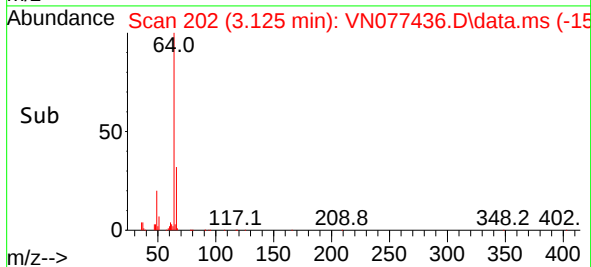
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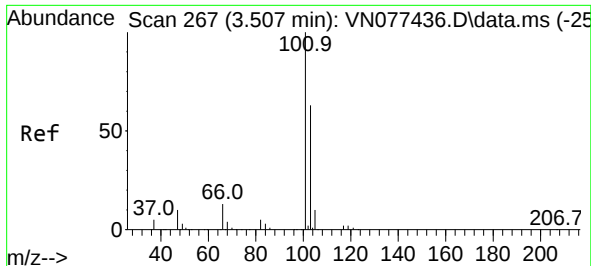


#6
Chloroethane
Concen: 45.541 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
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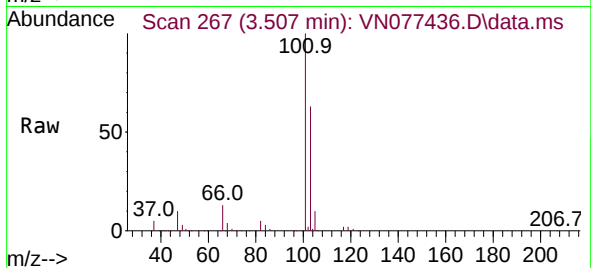
Tgt Ion: 64 Resp: 303960
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 48.783 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN077436.D
 Acq: 24 Apr 2023 13:15

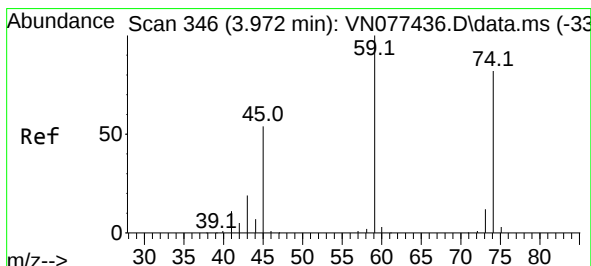
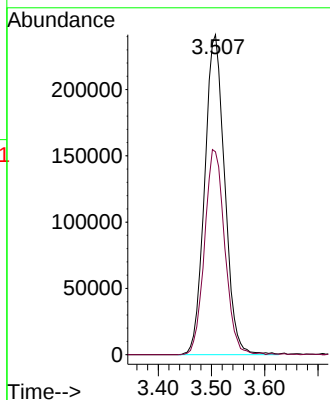
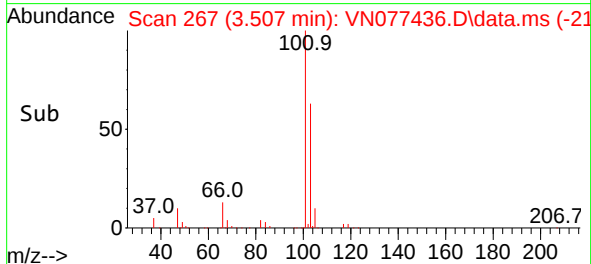
Instrument :
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Tgt Ion:101 Resp: 62990
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1

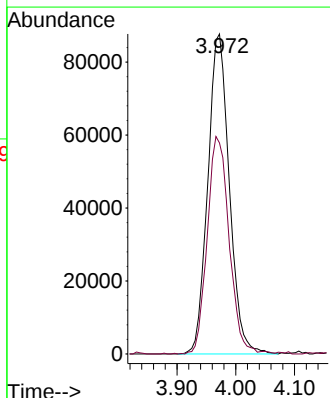
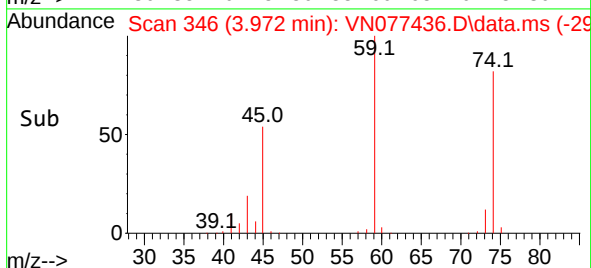
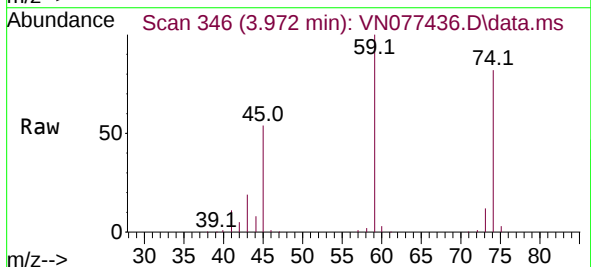
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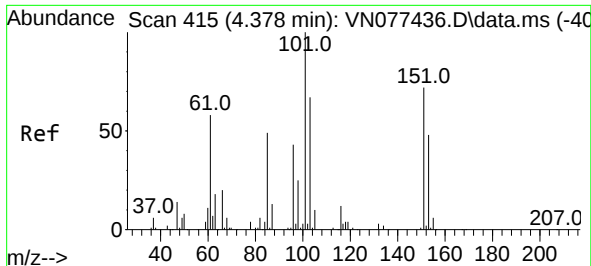
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#8
 Diethyl Ether
 Concen: 47.476 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077436.D
 Acq: 24 Apr 2023 13:15

Tgt Ion: 74 Resp: 222765
 Ion Ratio Lower Upper
 74 100
 45 68.9 34.4 103.3





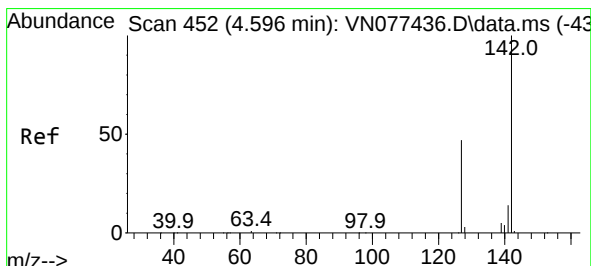
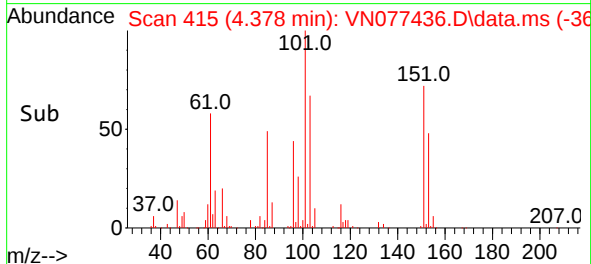
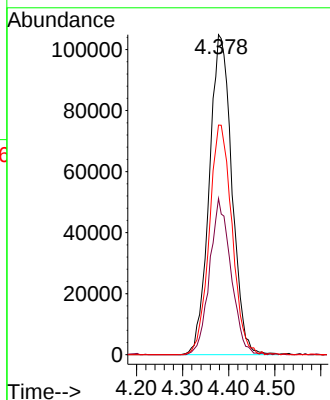
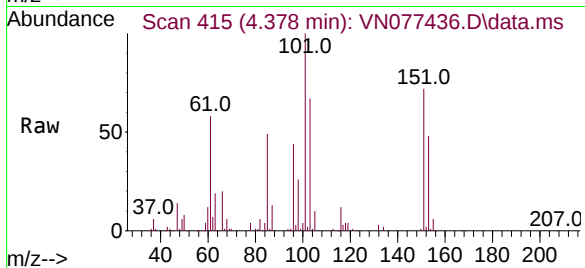
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.637 ug/l
RT: 4.378 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 357730
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 72.0 57.6 86.4

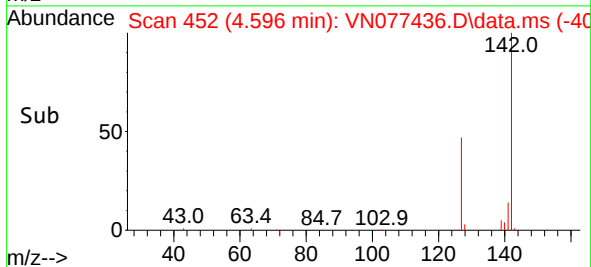
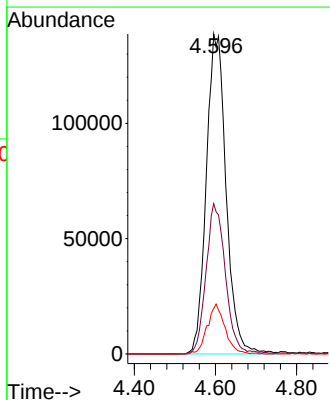
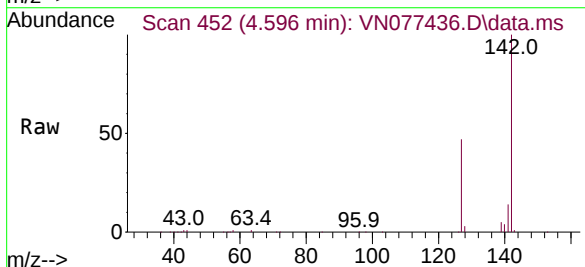
Manual Integrations
APPROVED

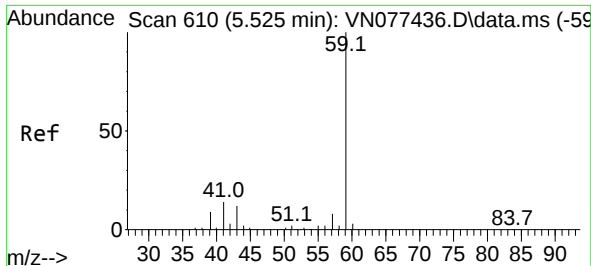
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#10
Methyl Iodide
Concen: 51.327 ug/l
RT: 4.596 min Scan# 452
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

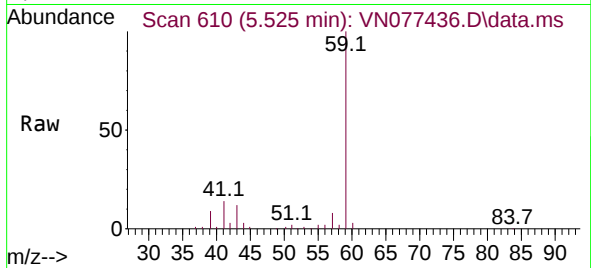
Tgt Ion:142 Resp: 469797
Ion Ratio Lower Upper
142 100
127 47.0 37.6 56.4
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 254.242 ug/l
RT: 5.525 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

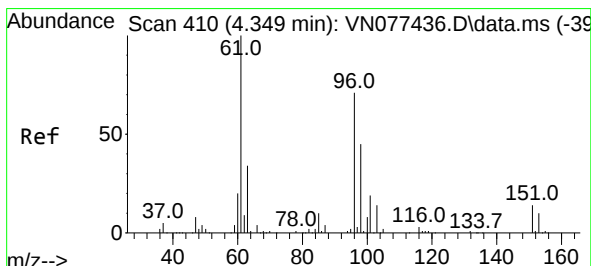
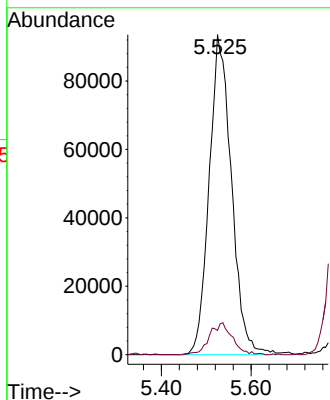
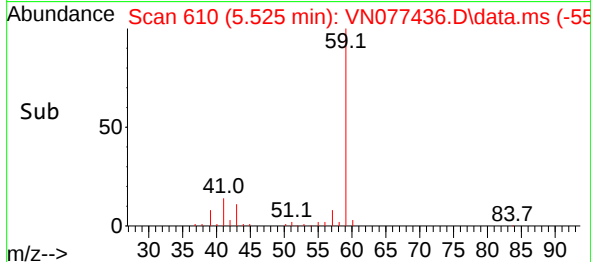
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



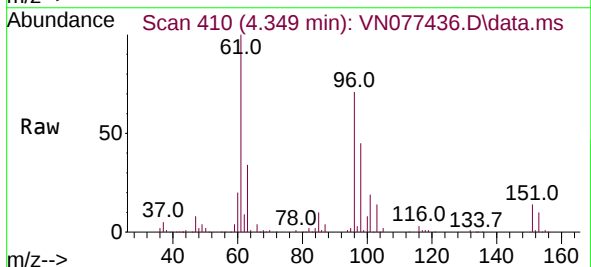
Tgt Ion: 59 Resp: 322184
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
APPROVED

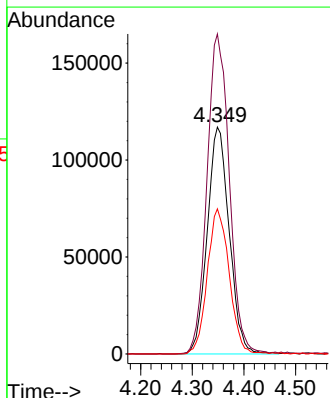
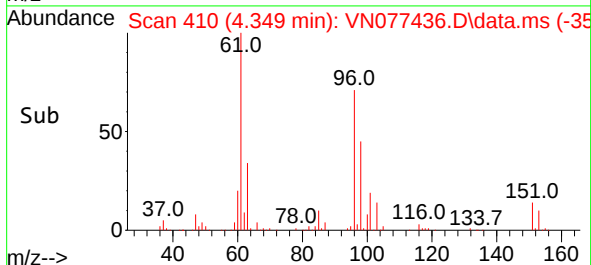
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

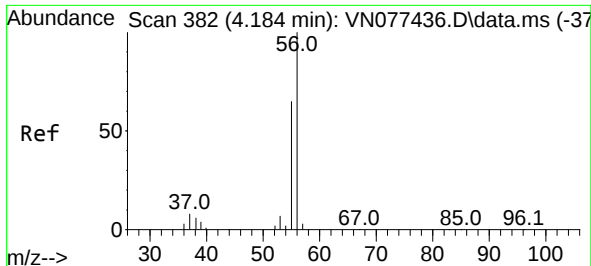


#12
1,1-Dichloroethene
Concen: 46.840 ug/l
RT: 4.349 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15



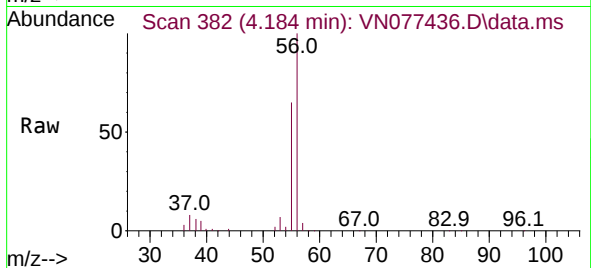
Tgt Ion: 96 Resp: 345723
Ion Ratio Lower Upper
96 100
61 140.9 112.7 169.1
98 64.0 51.2 76.8





#13
Acrolein
Concen: 229.038 ug/l
RT: 4.184 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

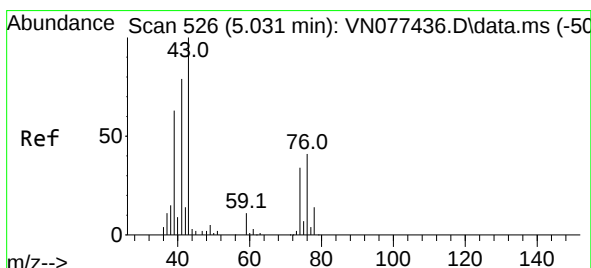
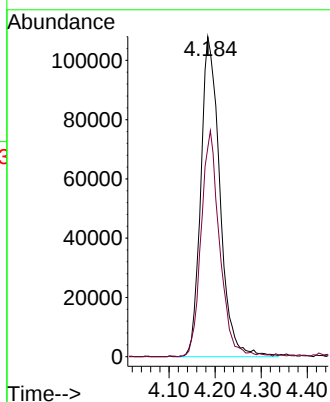
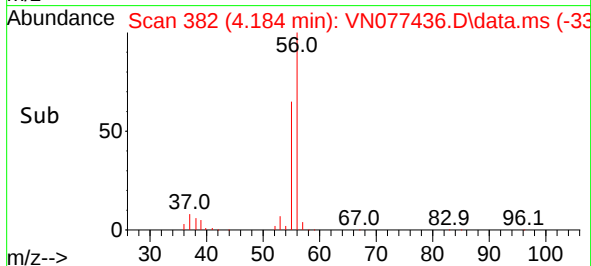
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 31107
Ion Ratio Lower Upper
56 100
55 68.1 54.5 81.7

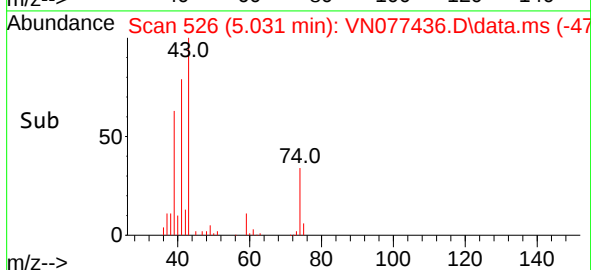
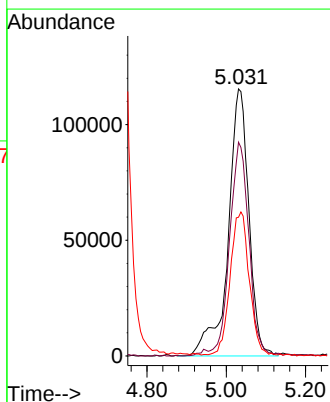
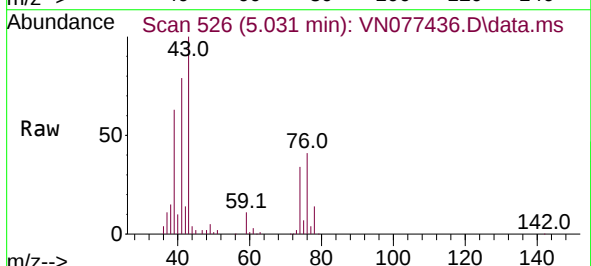
Manual Integrations
APPROVED

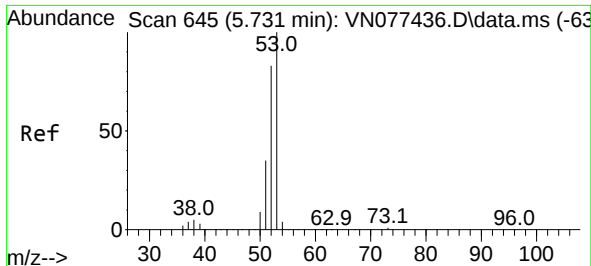
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#14
Allyl chloride
Concen: 51.397 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

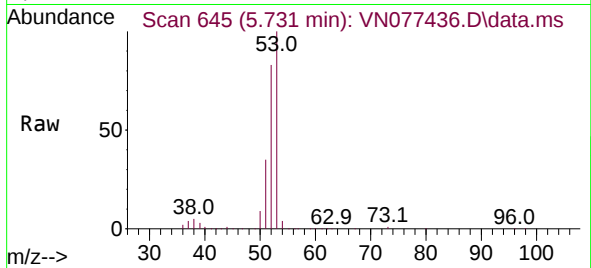
Tgt Ion: 41 Resp: 419534
Ion Ratio Lower Upper
41 100
39 73.5 58.8 88.2
76 48.9 39.1 58.7





#15
Acrylonitrile
Concen: 241.555 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

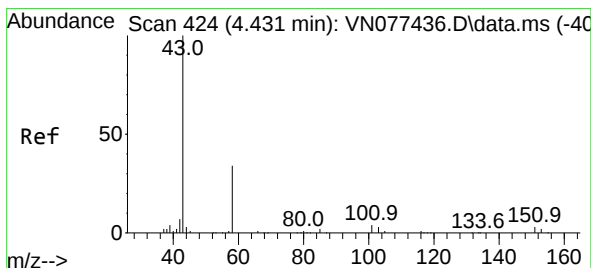
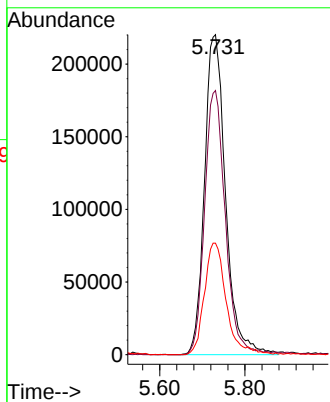
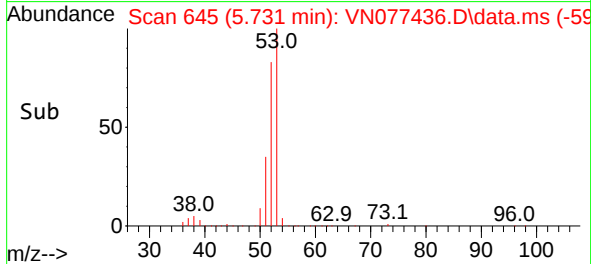
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 755200
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 36.1 28.9 43.3

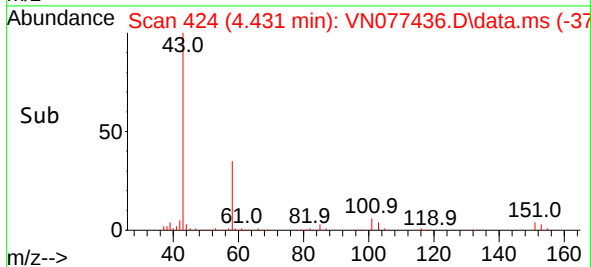
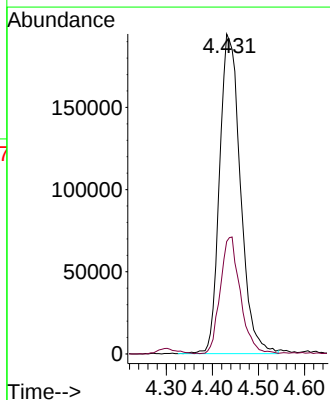
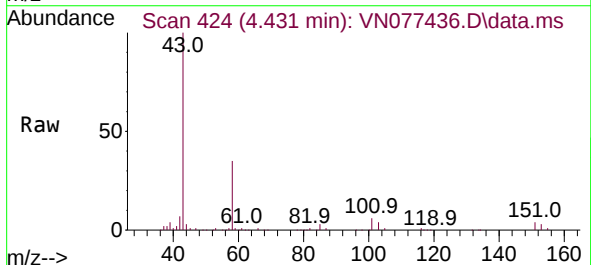
Manual Integrations
APPROVED

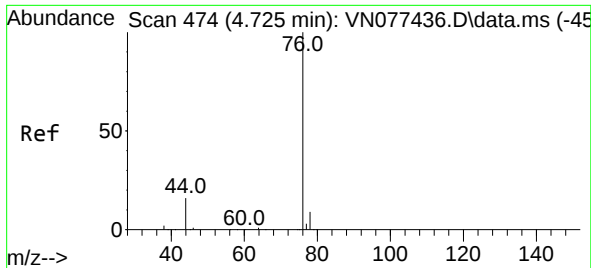
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#16
Acetone
Concen: 223.655 ug/l
RT: 4.431 min Scan# 424
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

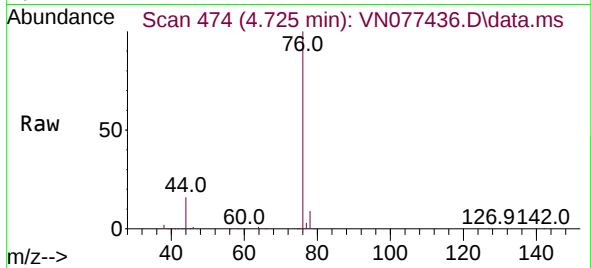
Tgt Ion: 43 Resp: 610839
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0





#17
Carbon Disulfide
Concen: 47.899 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

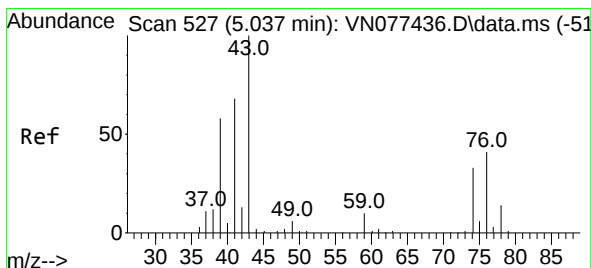
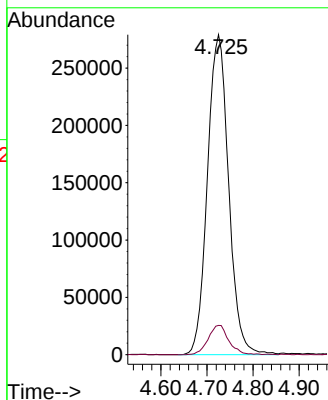
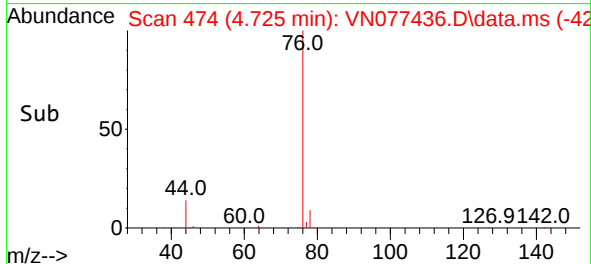
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



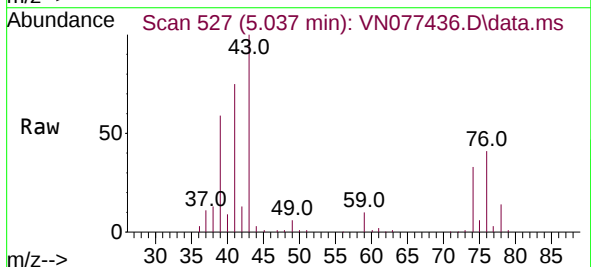
Tgt Ion: 76 Resp: 893604
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
APPROVED

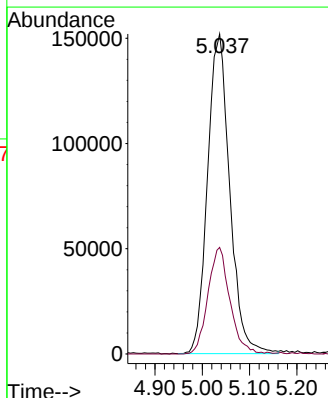
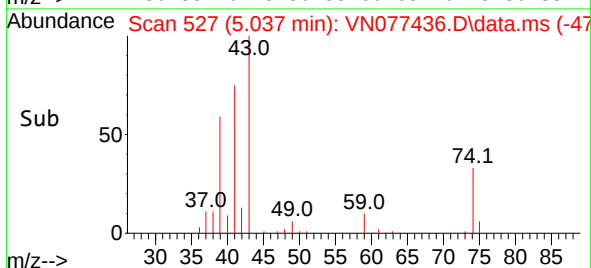
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

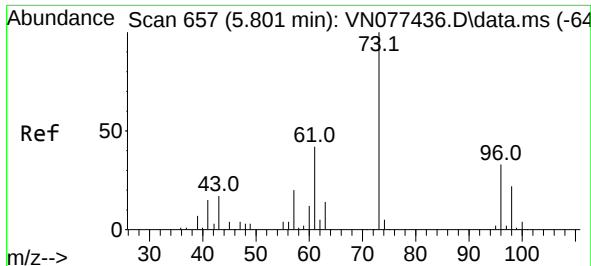


#18
Methyl Acetate
Concen: 46.897 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15



Tgt Ion: 43 Resp: 494624
Ion Ratio Lower Upper
43 100
74 32.8 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 48.063 ug/l

RT: 5.801 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077436.D

Acq: 24 Apr 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 73 Resp: 117354

Ion Ratio Lower Upper

73 100

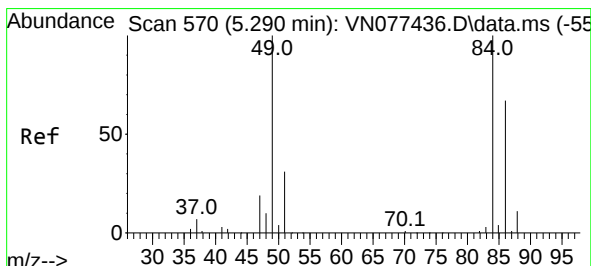
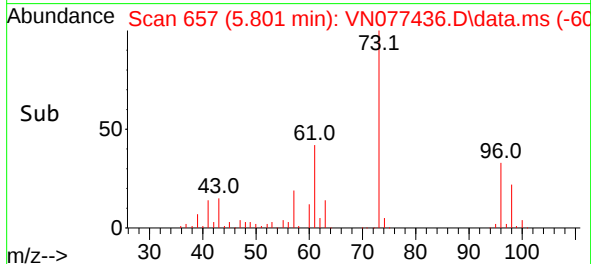
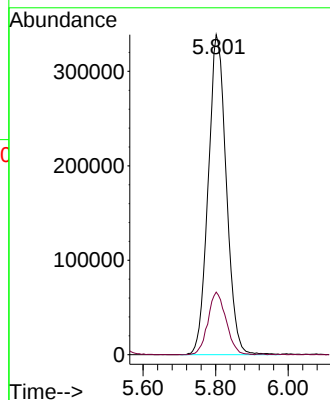
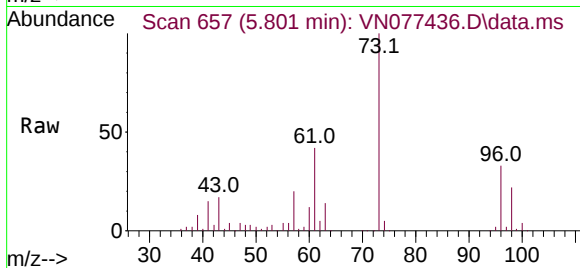
57 19.5 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#20

Methylene Chloride

Concen: 46.995 ug/l

RT: 5.290 min Scan# 570

Delta R.T. 0.000 min

Lab File: VN077436.D

Acq: 24 Apr 2023 13:15

Tgt Ion: 84 Resp: 407043

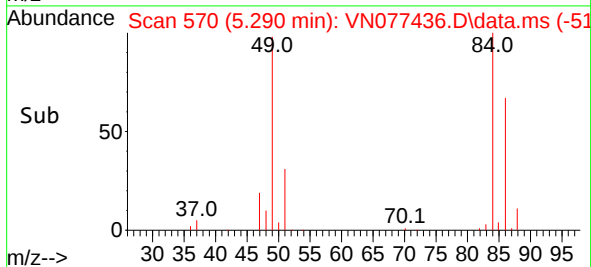
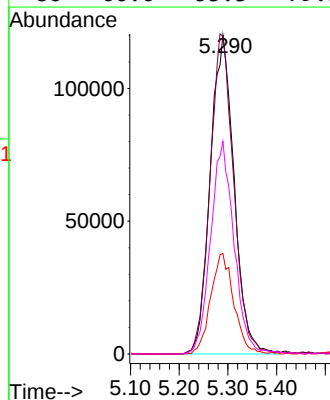
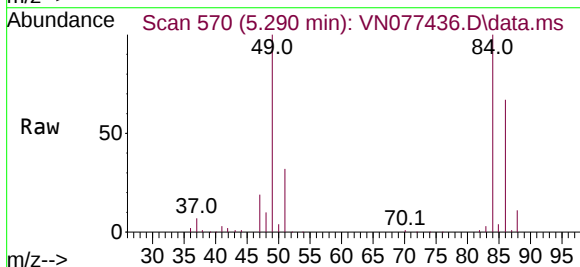
Ion Ratio Lower Upper

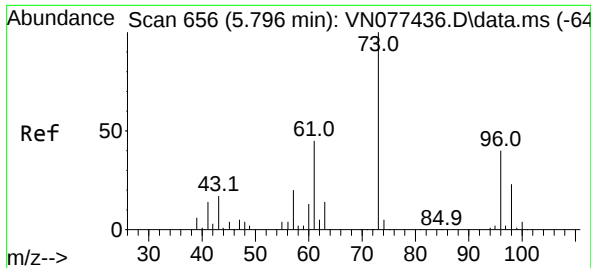
84 100

49 99.6 79.7 119.5

51 31.5 25.2 37.8

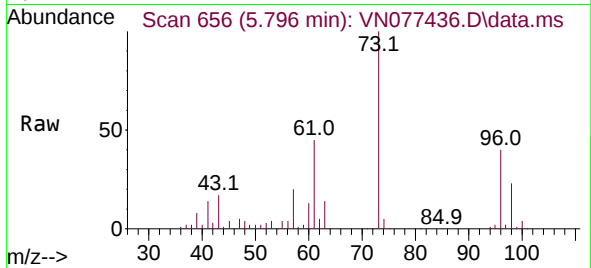
86 66.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.352 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

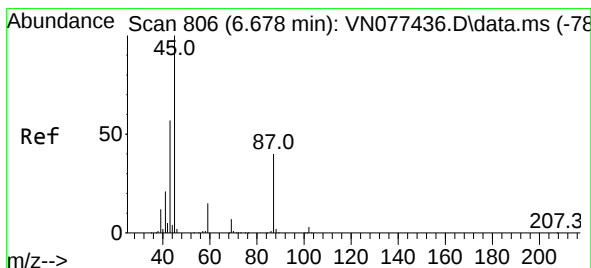
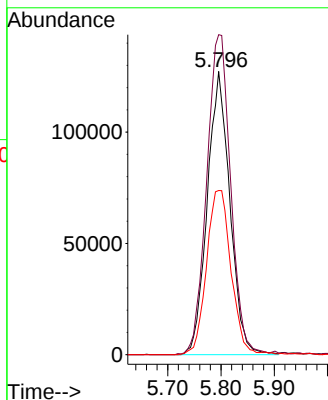
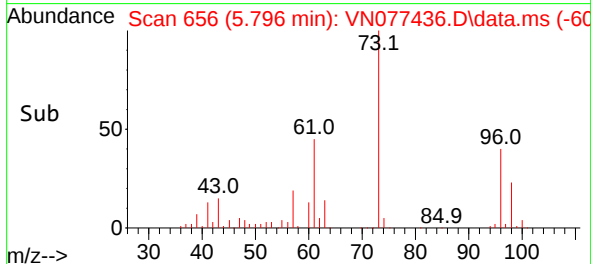
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



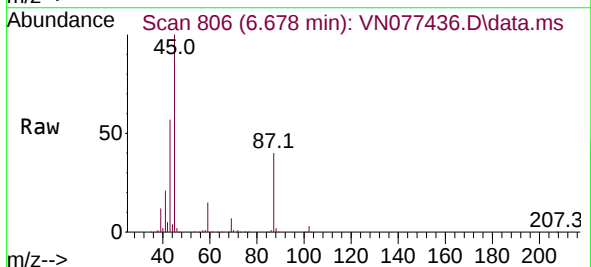
Tgt Ion: 96 Resp: 375928
Ion Ratio Lower Upper
96 100
61 112.6 90.1 135.1
98 58.0 46.4 69.6

Manual Integrations
APPROVED

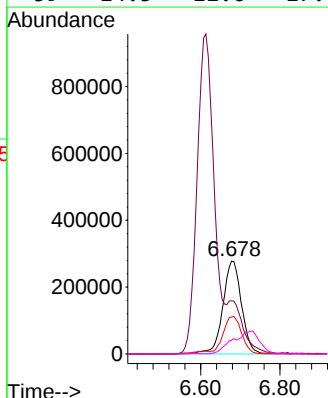
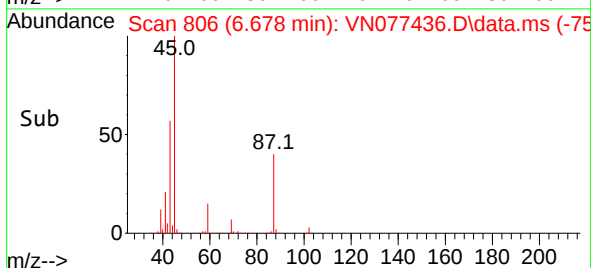
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

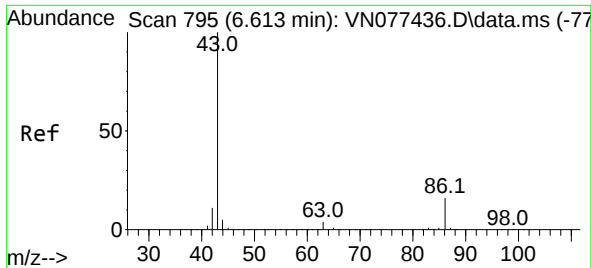


#22
Diisopropyl ether
Concen: 48.447 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15



Tgt Ion: 45 Resp: 907596
Ion Ratio Lower Upper
45 100
43 56.9 45.5 68.3
87 39.8 31.8 47.8
59 14.5 11.6 17.4





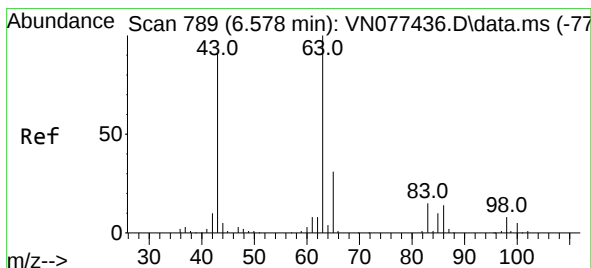
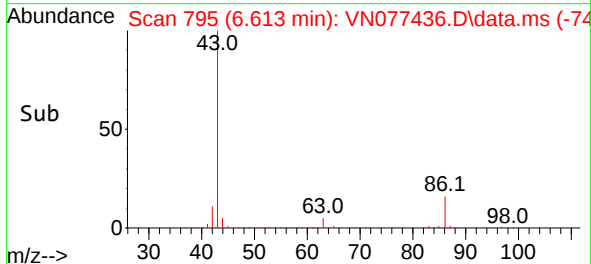
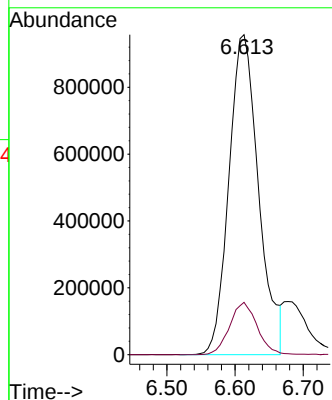
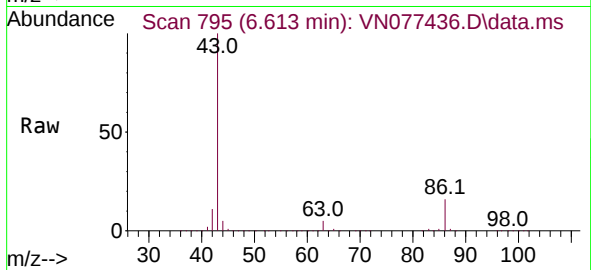
#23
 Vinyl Acetate
 Concen: 247.825 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077436.D
 Acq: 24 Apr 2023 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 2899470
 Ion Ratio Lower Upper
 43 100
 86 16.3 13.0 19.6

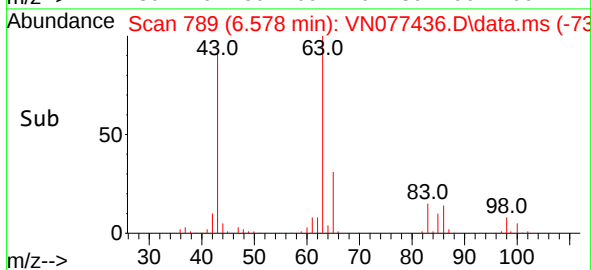
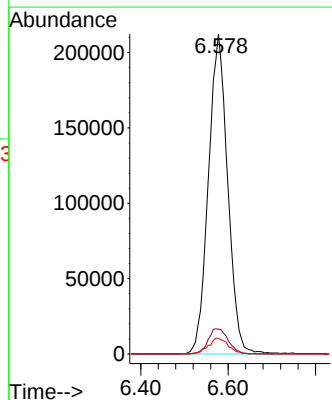
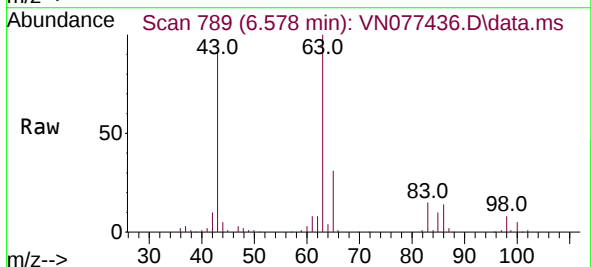
Manual Integrations
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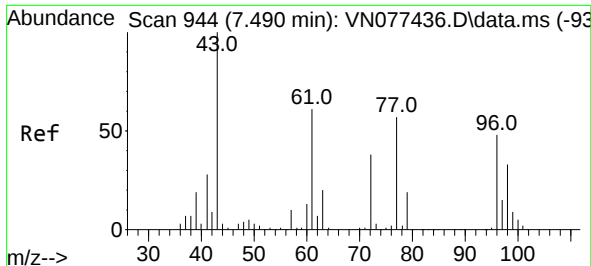
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#24
 1,1-Dichloroethane
 Concen: 49.040 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN077436.D
 Acq: 24 Apr 2023 13:15

Tgt Ion: 63 Resp: 650313
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.9 2.5 7.4





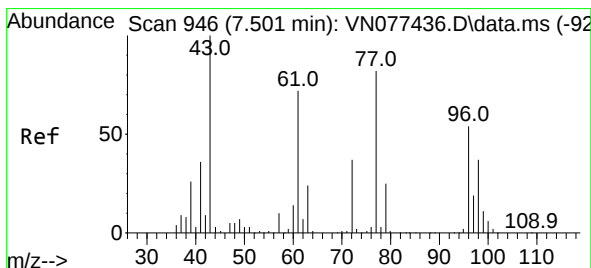
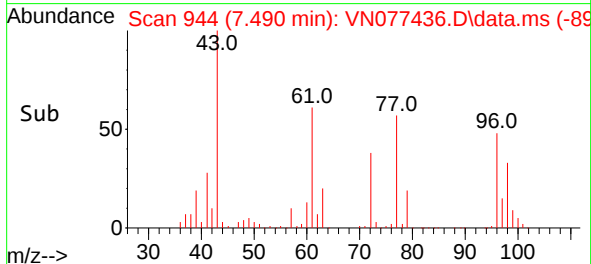
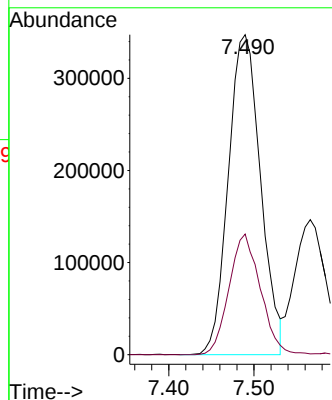
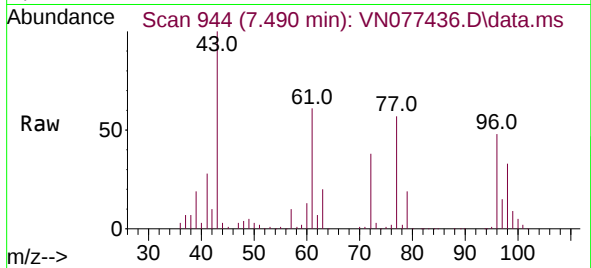
#25
2-Butanone
Concen: 235.705 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 913050
Ion Ratio Lower Upper
43 100
72 37.7 30.2 45.2

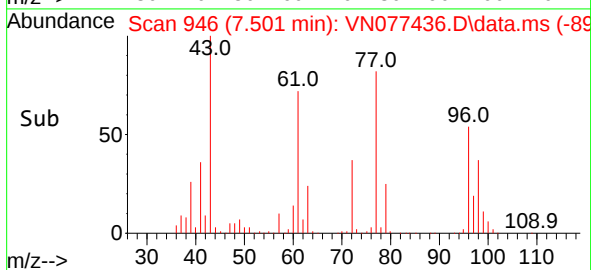
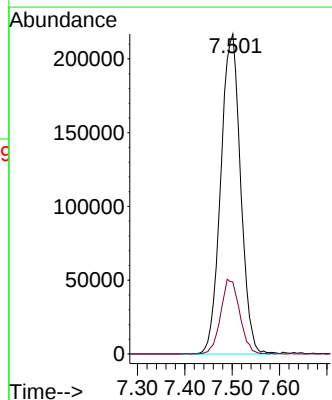
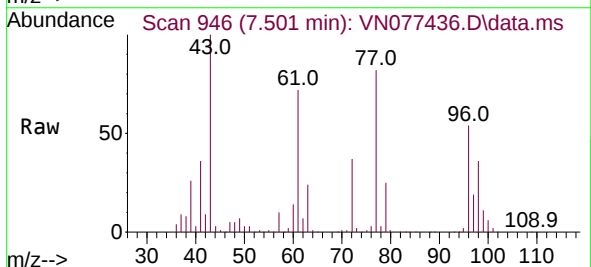
Manual Integrations
APPROVED

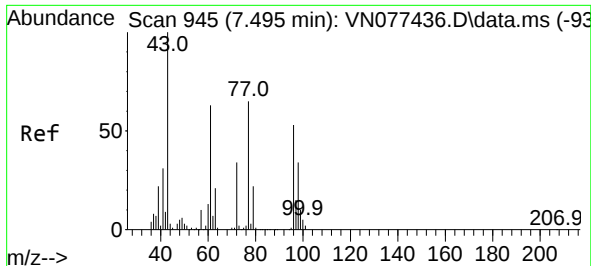
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#26
2,2-Dichloropropane
Concen: 48.991 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

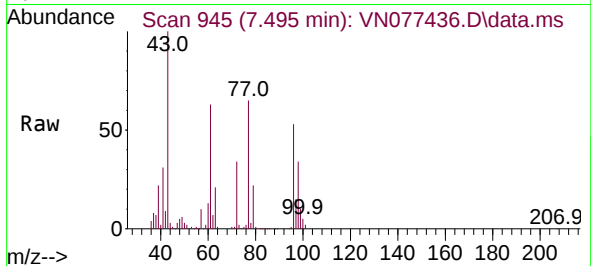
Tgt Ion: 77 Resp: 629942
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.843 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077436.D
 Acq: 24 Apr 2023 13:15

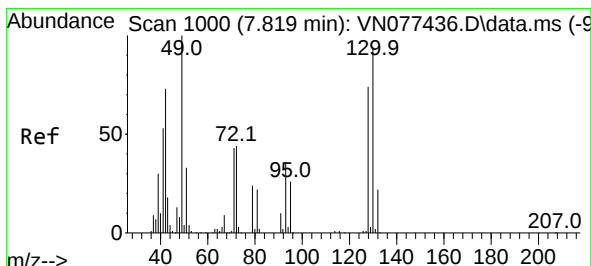
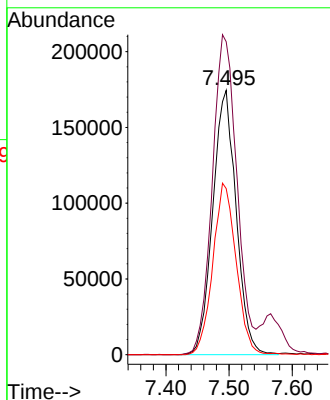
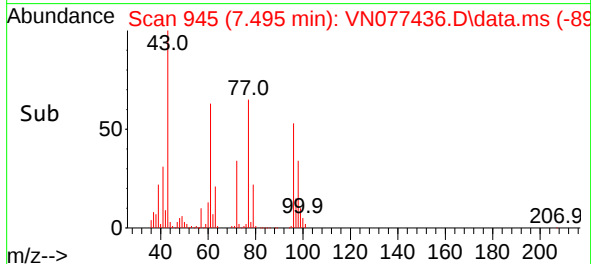
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 449839
 Ion Ratio Lower Upper
 96 100
 61 127.6 0.0 255.2
 98 64.4 0.0 128.8

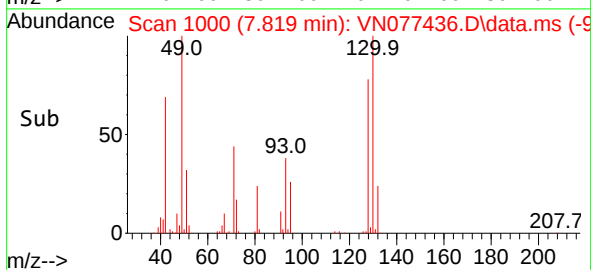
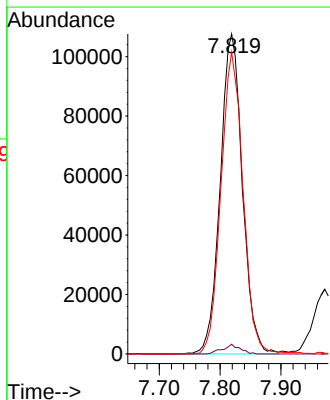
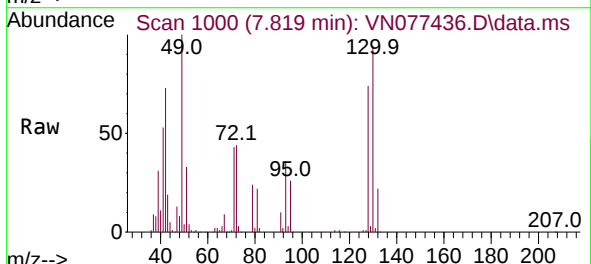
Manual Integrations
 APPROVED

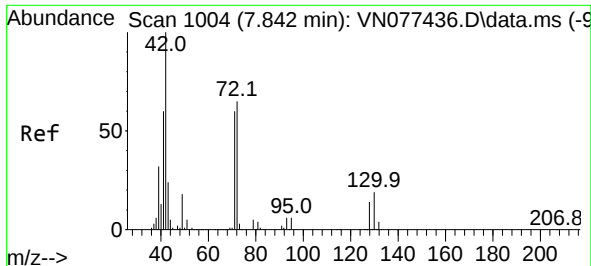
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#28
 Bromochloromethane
 Concen: 53.621 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VN077436.D
 Acq: 24 Apr 2023 13:15

Tgt Ion: 49 Resp: 271539
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 94.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 238.338 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077436.D

Acq: 24 Apr 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 57846

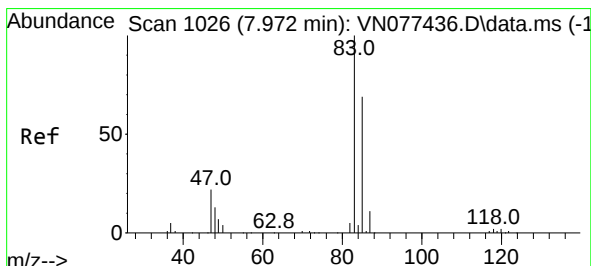
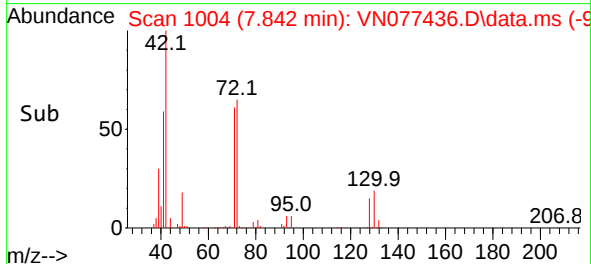
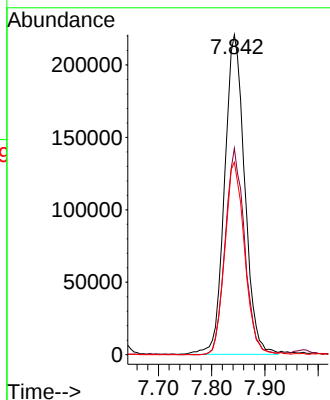
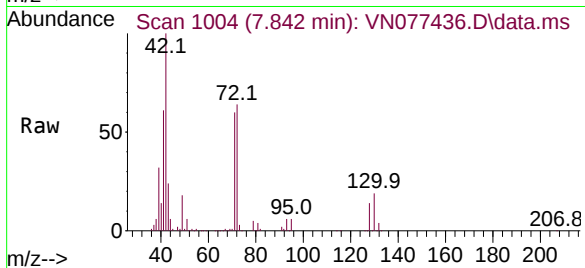
Ion	Ratio	Lower	Upper
42	100		
72	62.2	49.8	74.6
71	59.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#30

Chloroform

Concen: 48.316 ug/l

RT: 7.972 min Scan# 1026

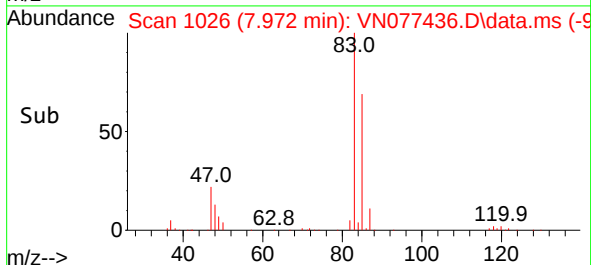
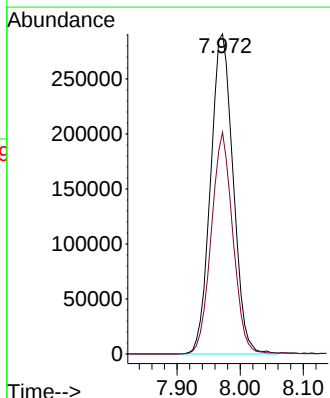
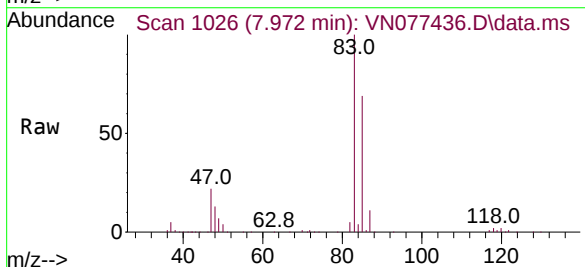
Delta R.T. 0.000 min

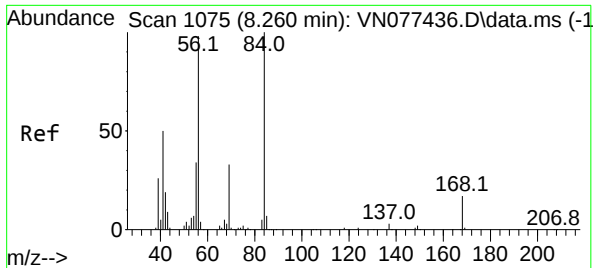
Lab File: VN077436.D

Acq: 24 Apr 2023 13:15

Tgt Ion: 83 Resp: 722070

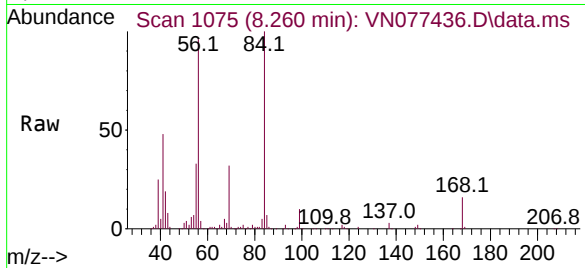
Ion	Ratio	Lower	Upper
83	100		
85	69.2	55.4	83.0





#31
Cyclohexane
Concen: 38.960 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

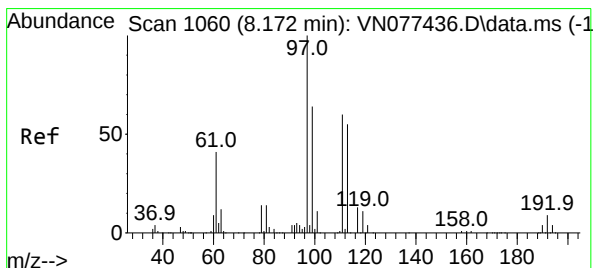
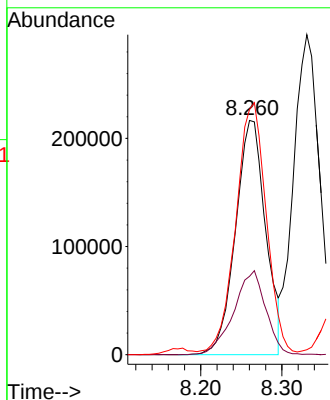
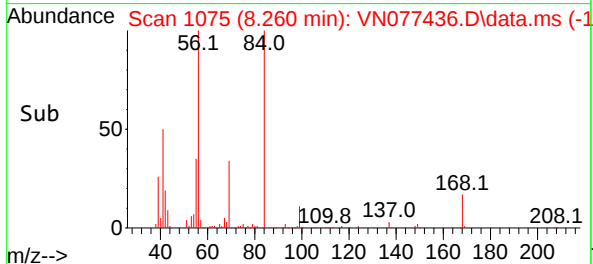
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



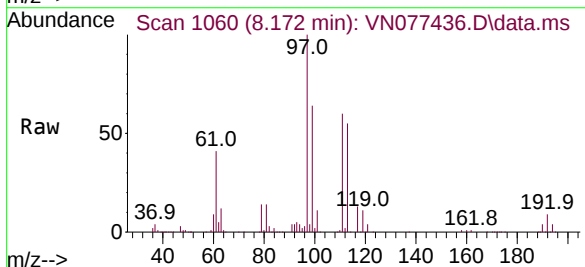
Tgt Ion: 56 Resp: 558228
Ion Ratio Lower Upper
56 100
69 33.5 26.8 40.2
84 102.2 81.8 122.6

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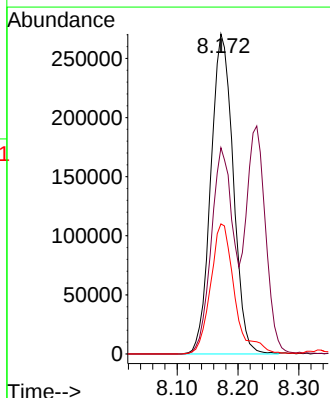
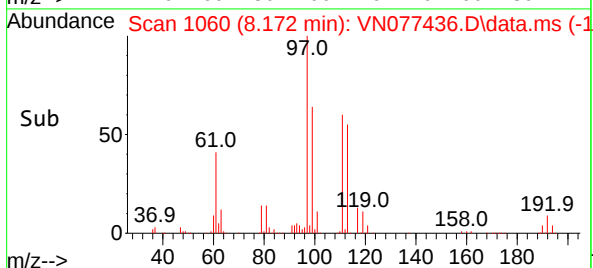
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

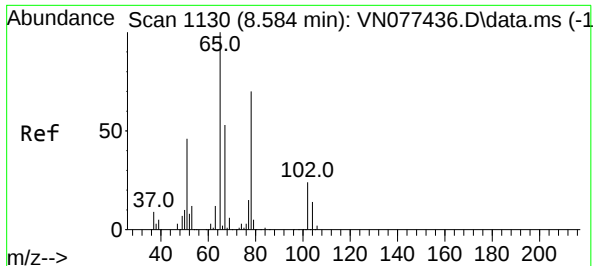


#32
1,1,1-Trichloroethane
Concen: 50.383 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15



Tgt Ion: 97 Resp: 692258
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 43.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.813 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077436.D

Acq: 24 Apr 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 418819

Ion Ratio Lower Upper

65 100

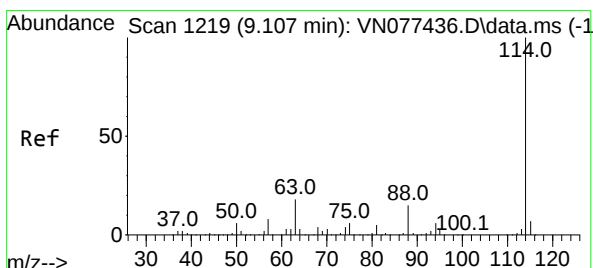
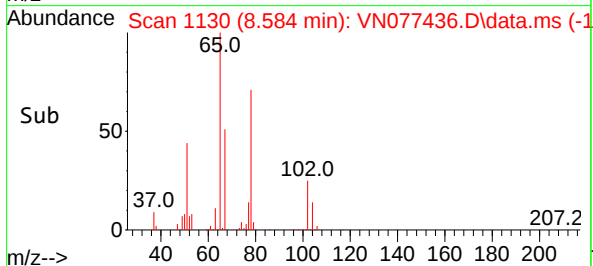
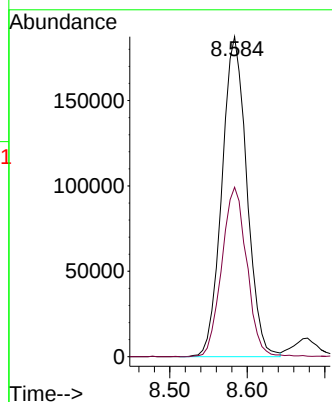
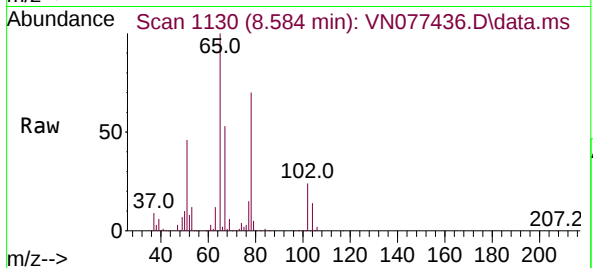
67 53.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077436.D

Acq: 24 Apr 2023 13:15

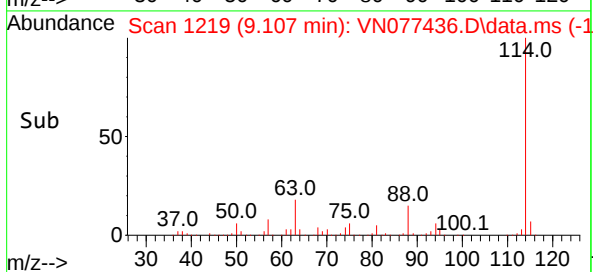
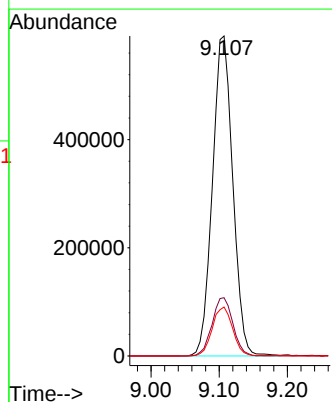
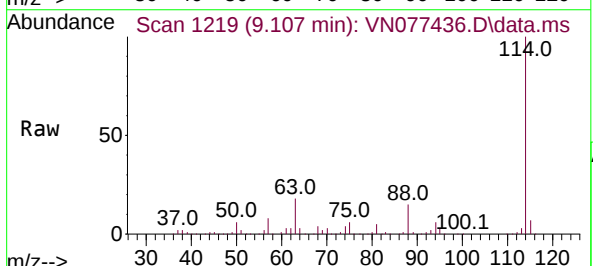
Tgt Ion:114 Resp: 1228872

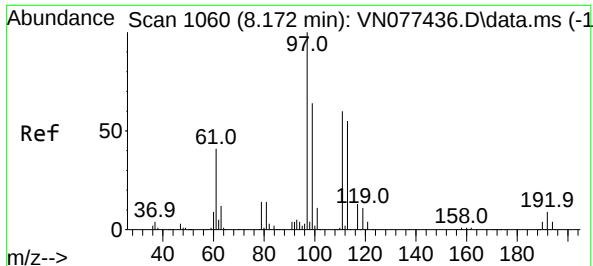
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

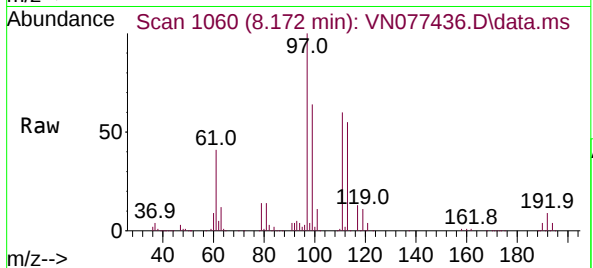
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.728 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

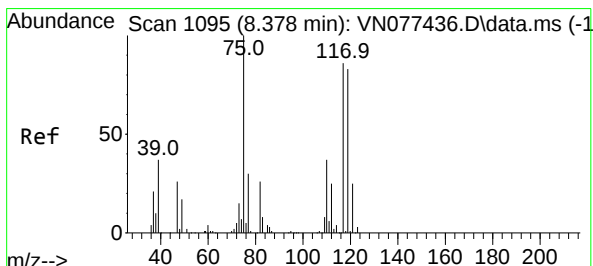
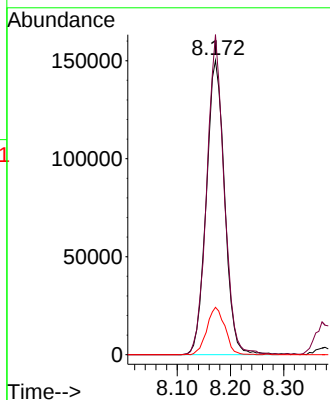
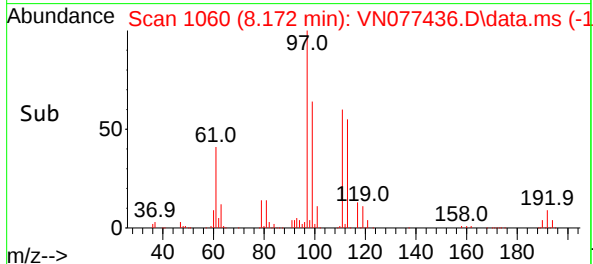
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 113 Resp: 358908
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 15.9 12.7 19.1

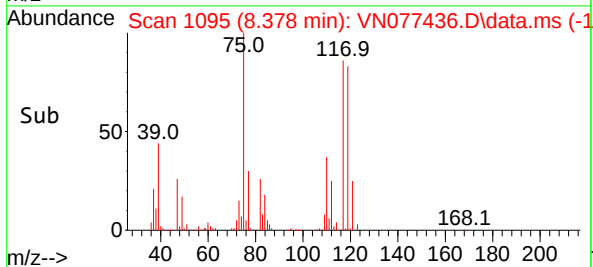
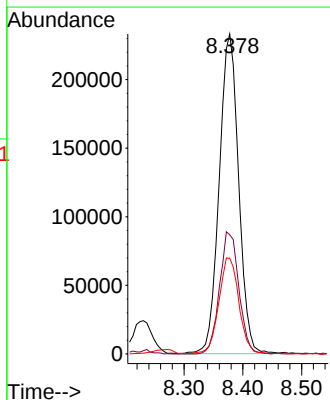
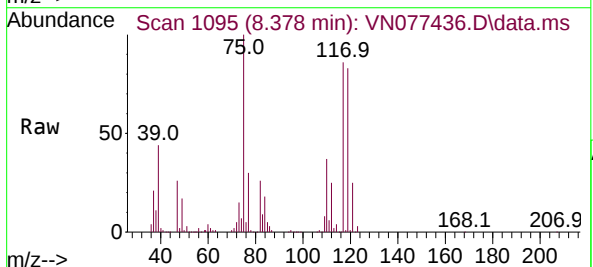
Manual Integrations
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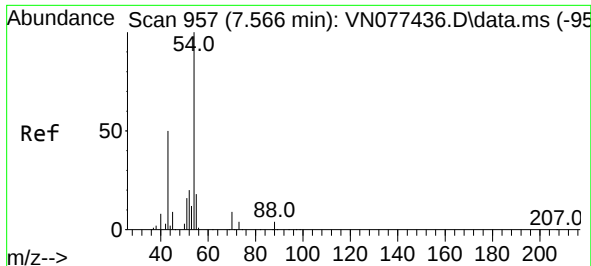
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#36
1,1-Dichloropropene
Concen: 50.044 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

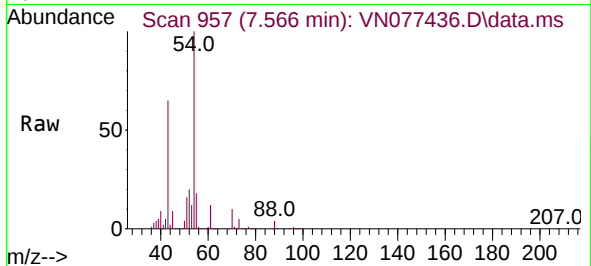
Tgt Ion: 75 Resp: 534007
Ion Ratio Lower Upper
75 100
110 38.2 19.1 57.3
77 31.2 25.0 37.4





#37
Ethyl Acetate
Concen: 47.557 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

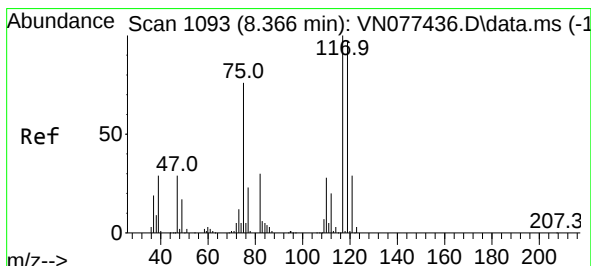
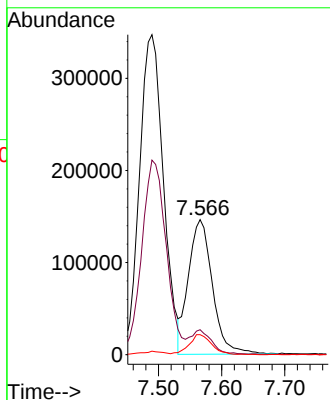
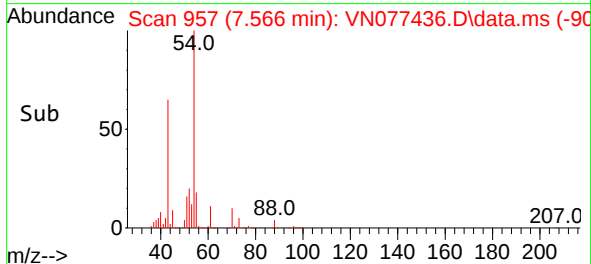
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 385619
Ion Ratio Lower Upper
43 100
61 16.5 13.2 19.8
70 14.1 11.3 16.9

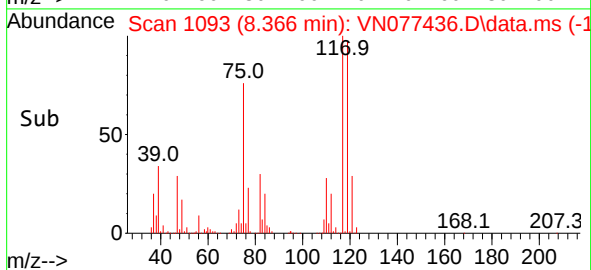
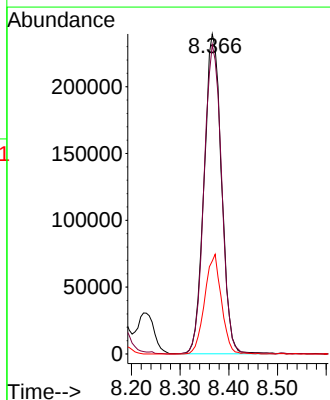
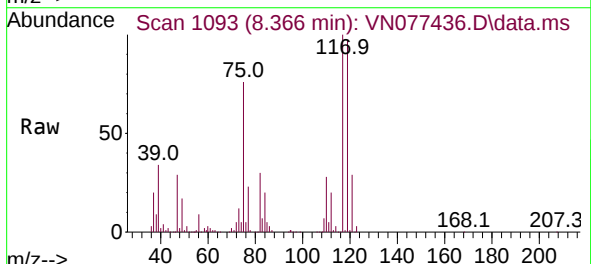
Manual Integrations
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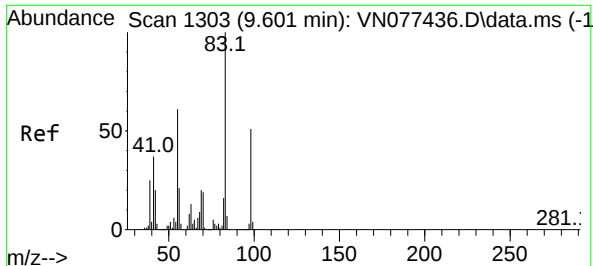
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#38
Carbon Tetrachloride
Concen: 50.209 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

Tgt Ion:117 Resp: 591121
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
121 29.1 23.3 34.9





#39

Methylcyclohexane

Concen: 50.892 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. 0.000 min

Lab File: VN077436.D

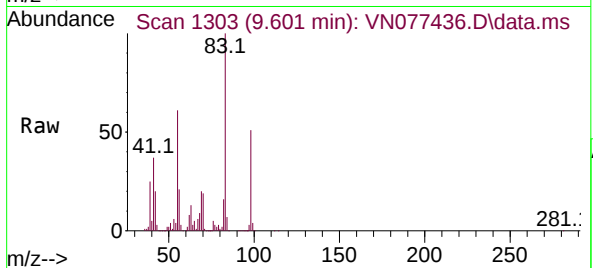
Acq: 24 Apr 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050



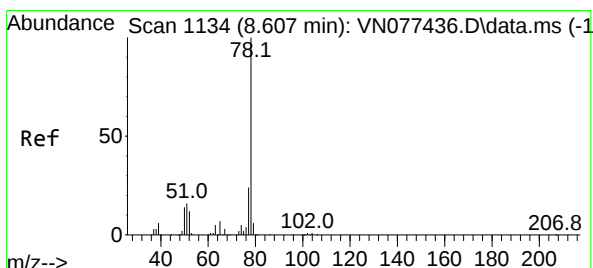
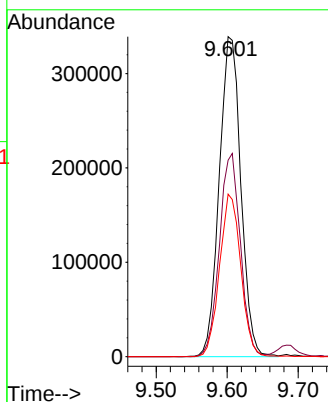
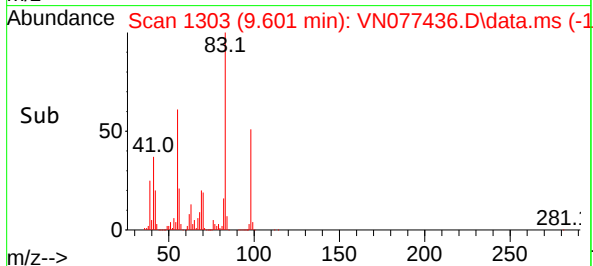
Tgt Ion: 83	Resp: 71549
Ion Ratio	Lower Upper
83	100
55	61.4 49.1 73.7
98	50.8 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#40

Benzene

Concen: 49.437 ug/l

RT: 8.607 min Scan# 1134

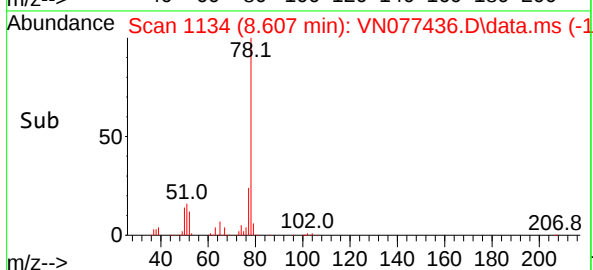
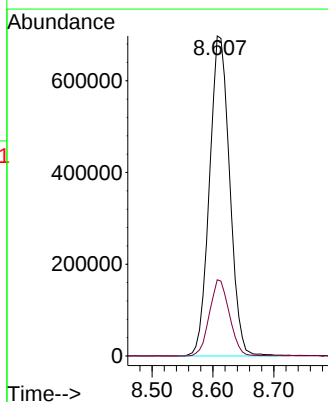
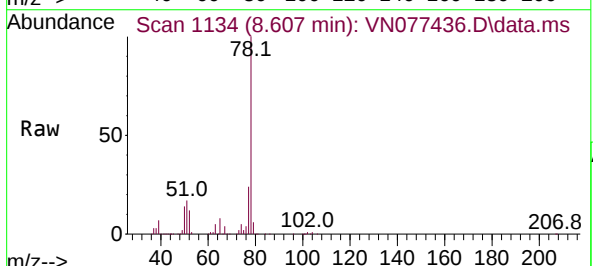
Delta R.T. 0.000 min

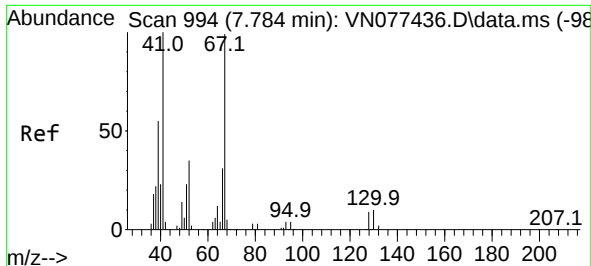
Lab File: VN077436.D

Acq: 24 Apr 2023 13:15

Tgt Ion: 78 Resp: 1607039

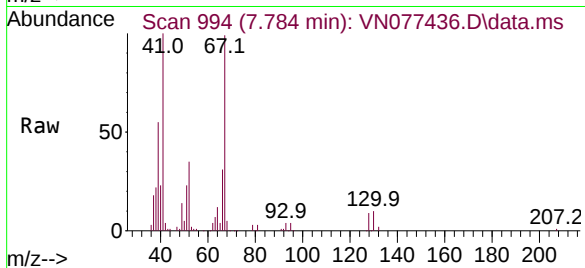
Ion Ratio	Lower Upper
78	100
77	23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 49.210 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

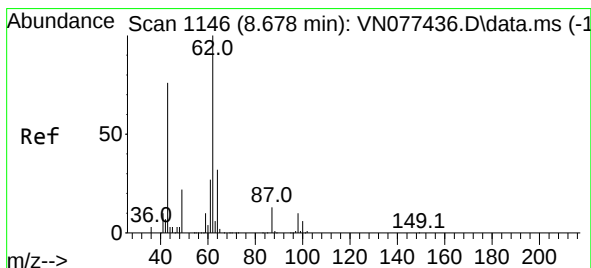
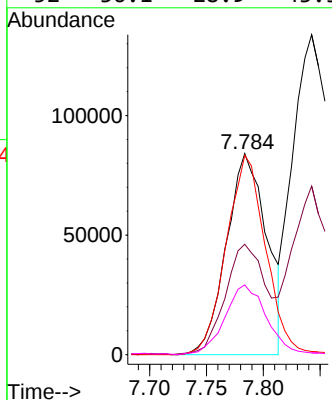
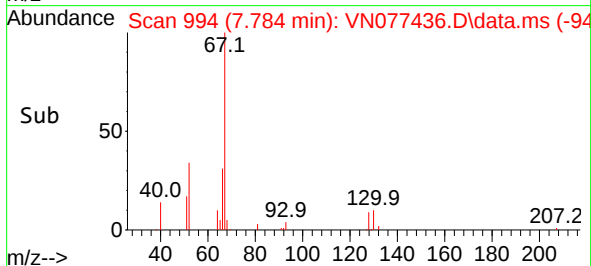
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 207824
Ion Ratio Lower Upper
41 100
39 53.3 42.6 64.0
67 96.9 77.5 116.3
52 36.1 28.9 43.3

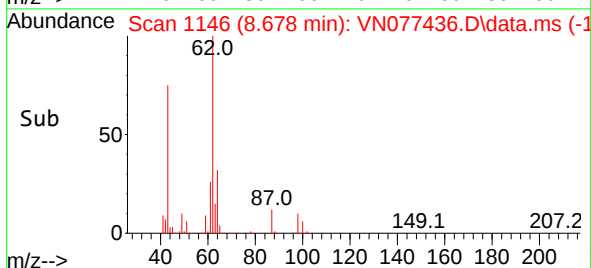
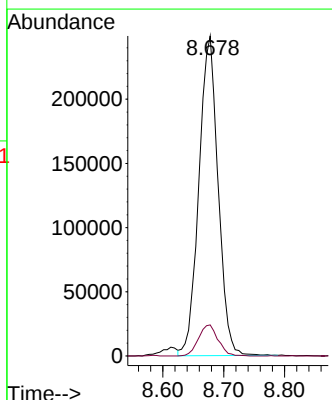
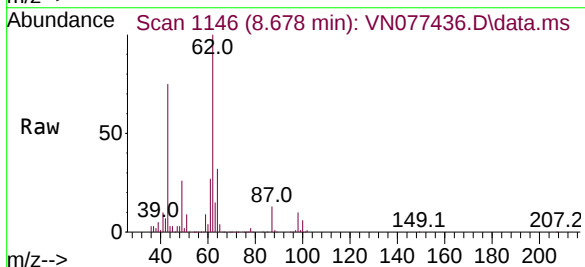
Manual Integrations
APPROVED

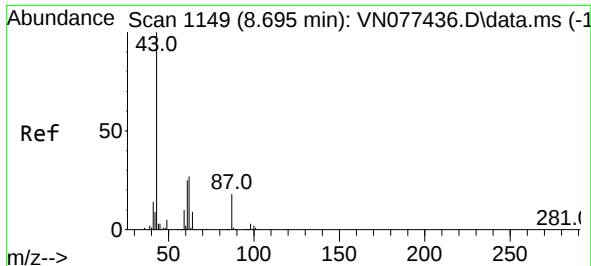
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#42
1,2-Dichloroethane
Concen: 48.860 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

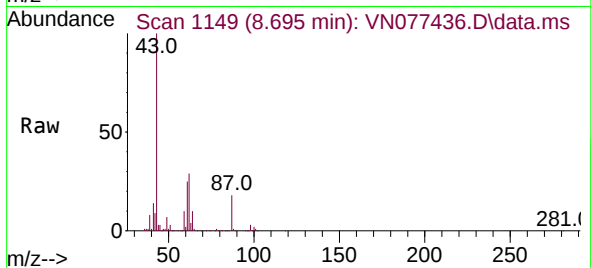
Tgt Ion: 62 Resp: 545521
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 49.695 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

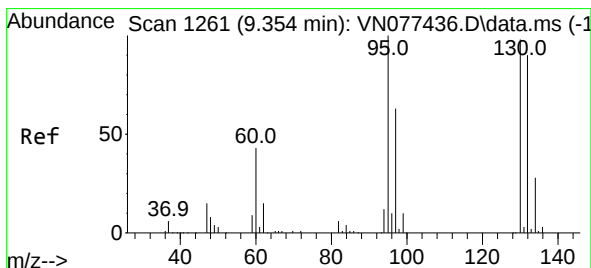
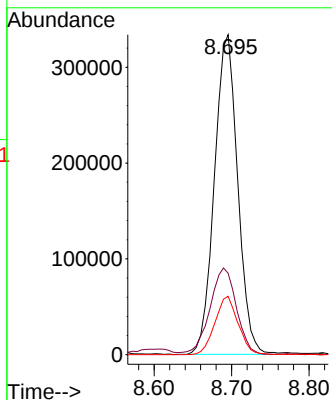
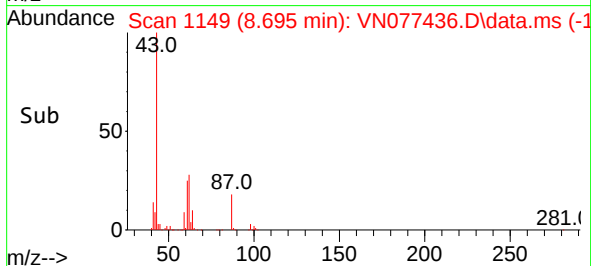
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 69710
Ion Ratio Lower Upper
43 100
61 30.9 24.7 37.1
87 18.2 14.6 21.8

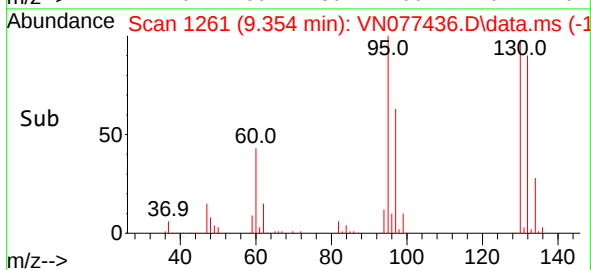
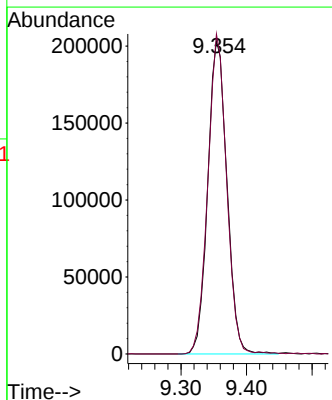
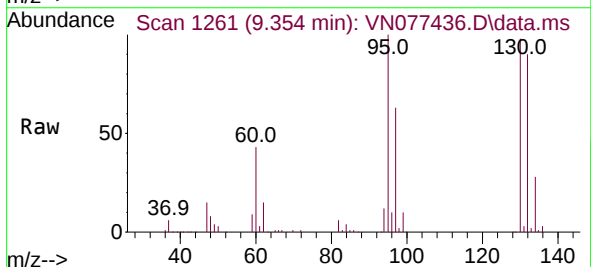
Manual Integrations
APPROVED

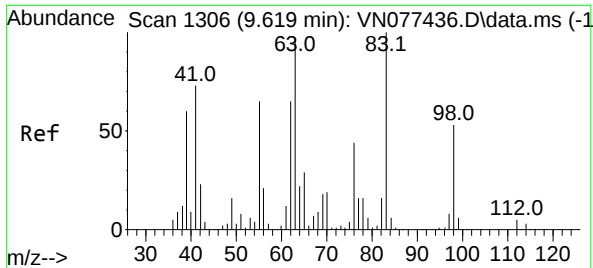
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#44
Trichloroethene
Concen: 49.603 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

Tgt Ion:130 Resp: 412853
Ion Ratio Lower Upper
130 100
95 102.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.463 ug/l

RT: 9.619 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VN077436.D

Acq: 24 Apr 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 376649

Ion Ratio Lower Upper

63 100

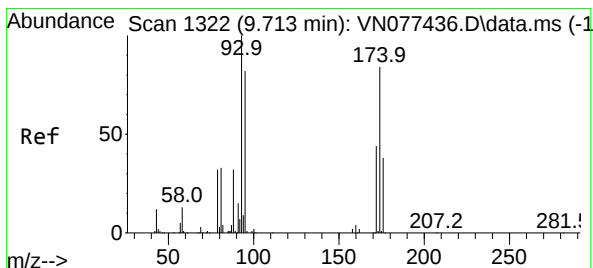
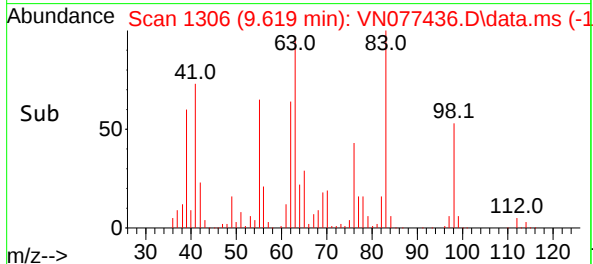
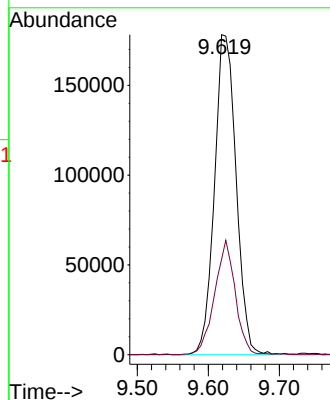
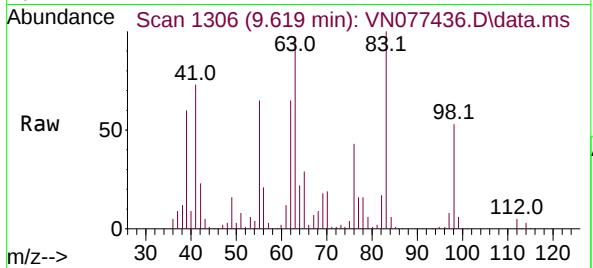
65 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#46

Dibromomethane

Concen: 48.257 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077436.D

Acq: 24 Apr 2023 13:15

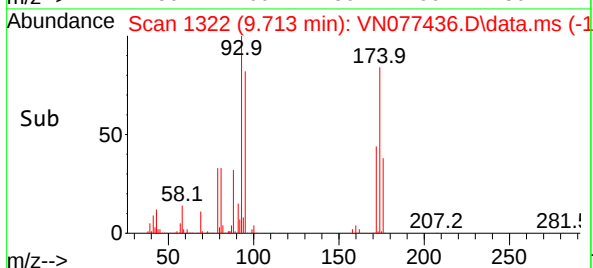
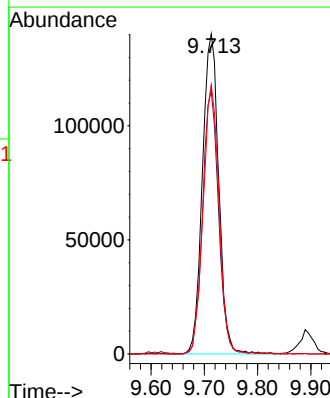
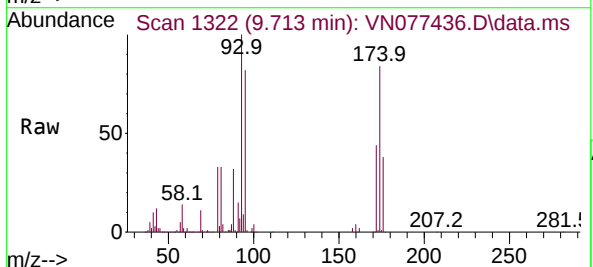
Tgt Ion: 93 Resp: 298164

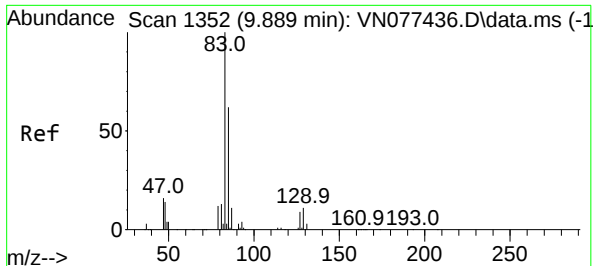
Ion Ratio Lower Upper

93 100

95 79.8 63.8 95.8

174 82.0 65.6 98.4





#47

Bromodichloromethane

Concen: 49.942 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN077436.D

Acq: 24 Apr 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 596878

Ion Ratio Lower Upper

83 100

85 62.0 49.6 74.4

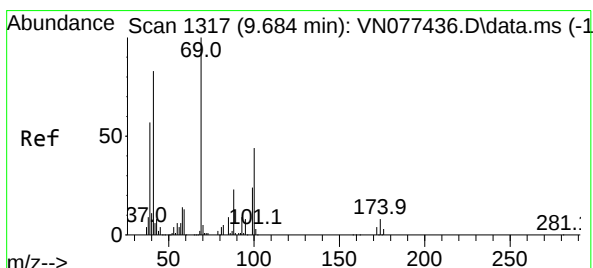
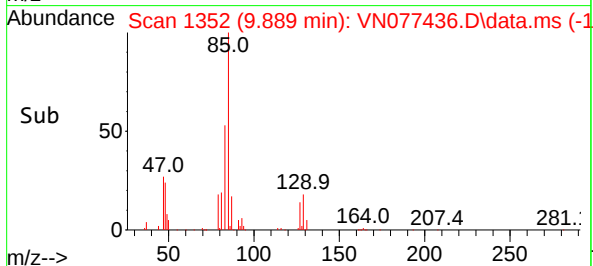
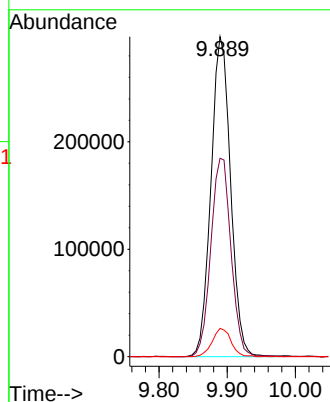
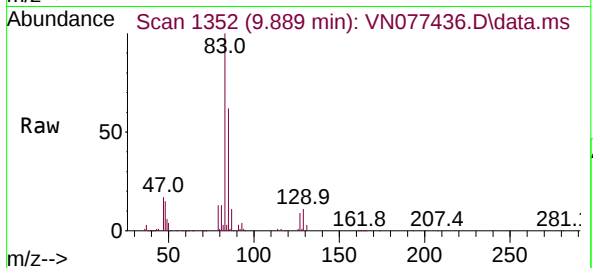
127 8.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#48

Methyl methacrylate

Concen: 48.493 ug/l

RT: 9.684 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN077436.D

Acq: 24 Apr 2023 13:15

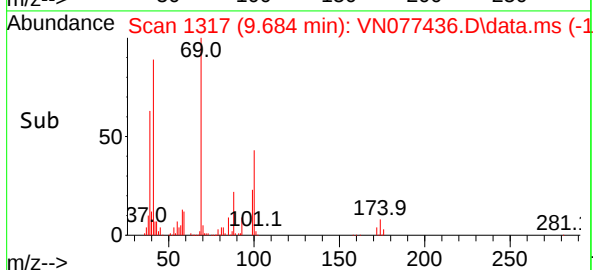
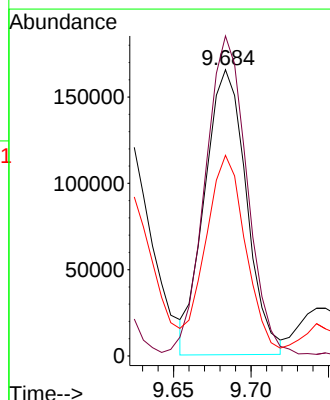
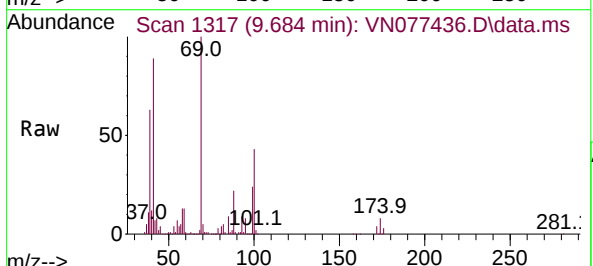
Tgt Ion: 41 Resp: 309646

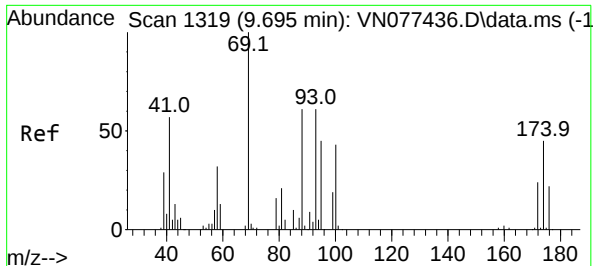
Ion Ratio Lower Upper

41 100

69 113.0 90.4 135.6

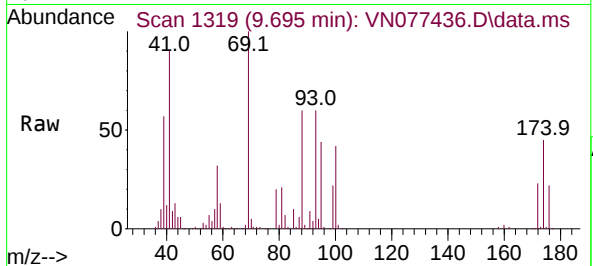
39 68.2 54.6 81.8





#49
1,4-Dioxane
Concen: 930.828 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

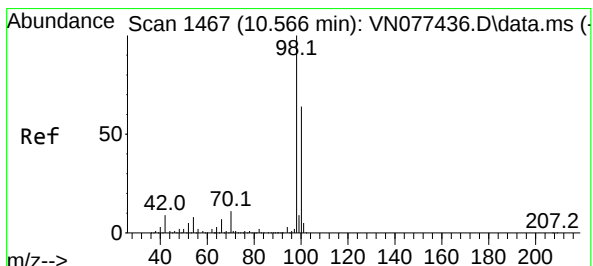
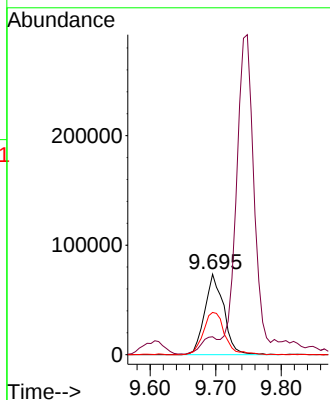
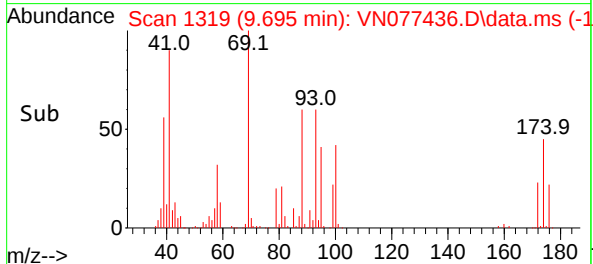
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 149080
Ion Ratio Lower Upper
88 100
43 21.3 17.0 25.6
58 58.7 47.0 70.4

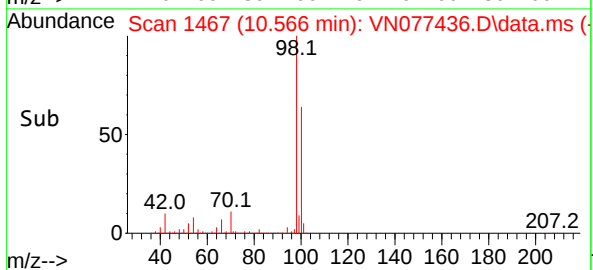
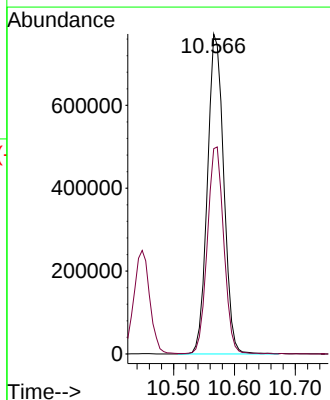
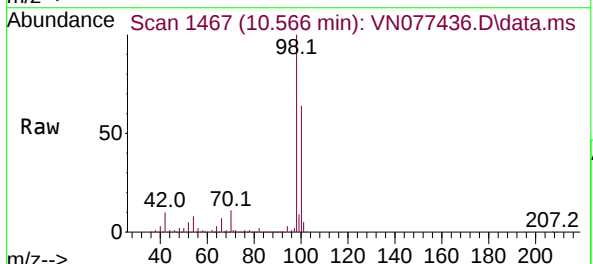
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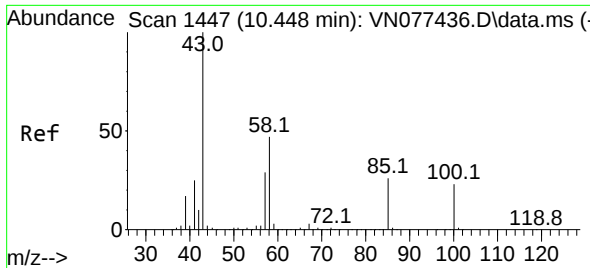
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#50
Toluene-d8
Concen: 50.913 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

Tgt Ion: 98 Resp: 1434078
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





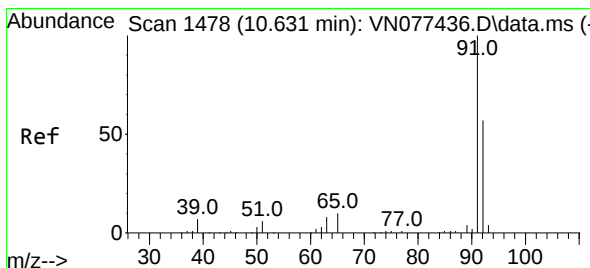
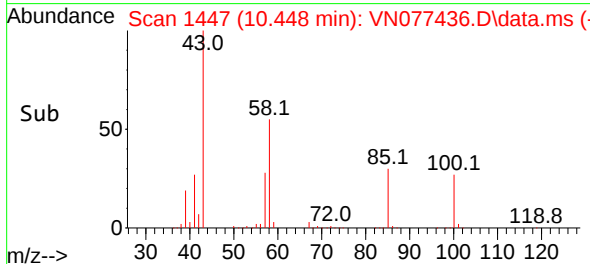
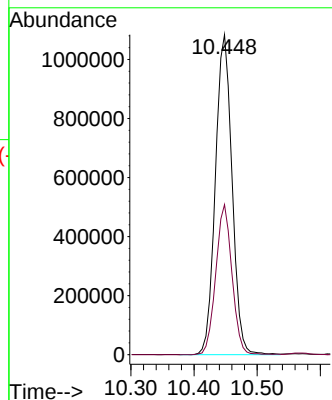
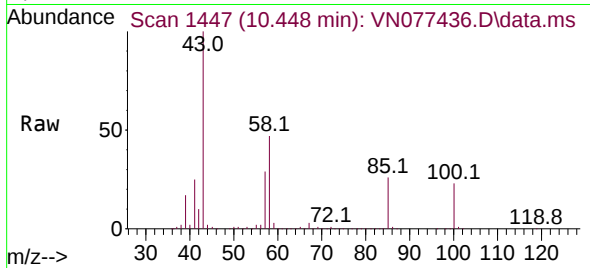
#51
4-Methyl-2-Pentanone
Concen: 241.209 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 198464
Ion Ratio Lower Upper
43 100
58 45.7 36.6 54.8

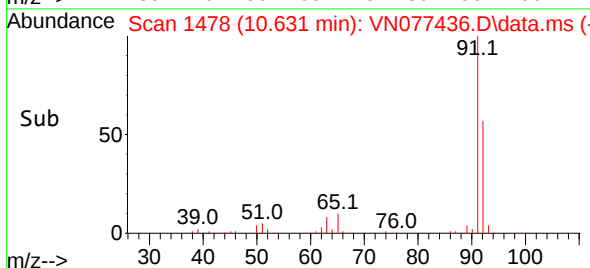
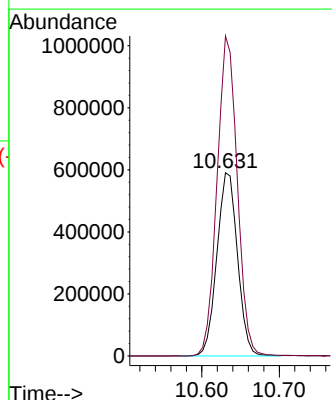
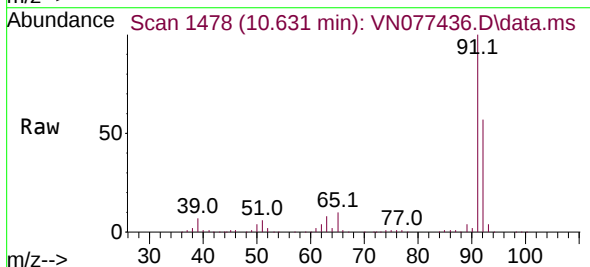
Manual Integrations
APPROVED

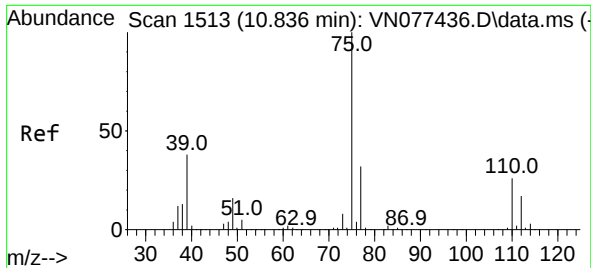
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#52
Toluene
Concen: 51.258 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

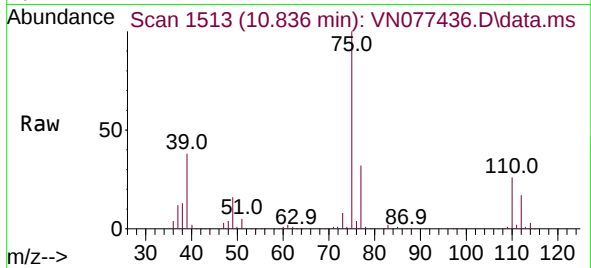
Tgt Ion: 92 Resp: 1091576
Ion Ratio Lower Upper
92 100
91 171.7 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 52.380 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN077436.D
 Acq: 24 Apr 2023 13:15

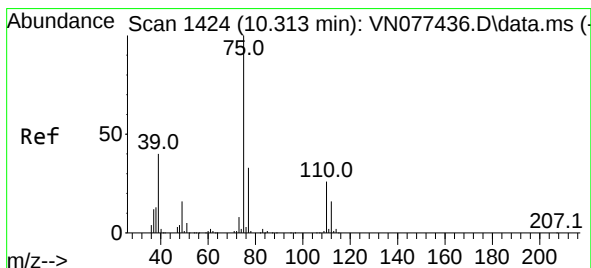
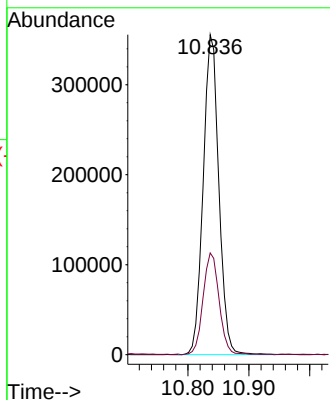
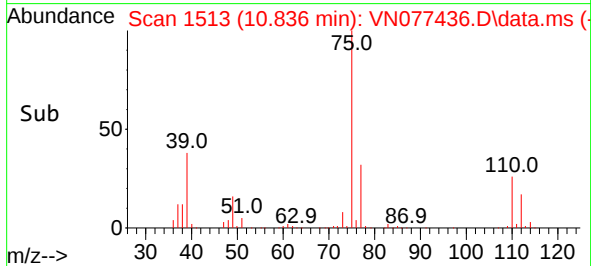
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



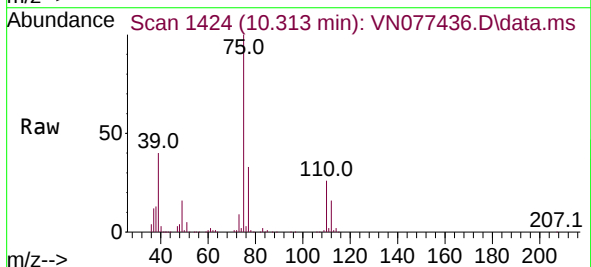
Tgt Ion: 75 Resp: 633890
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0

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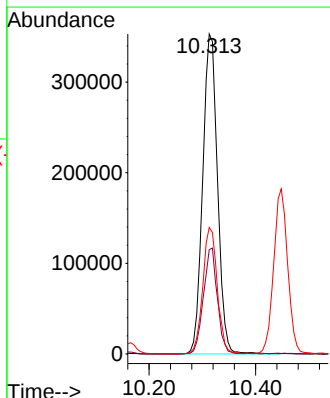
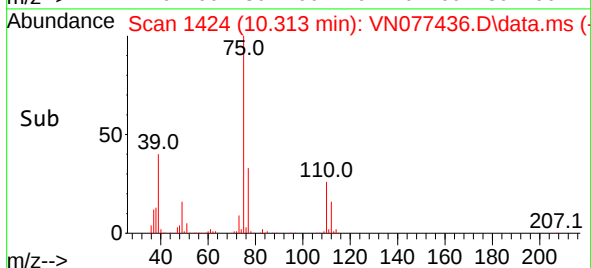
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

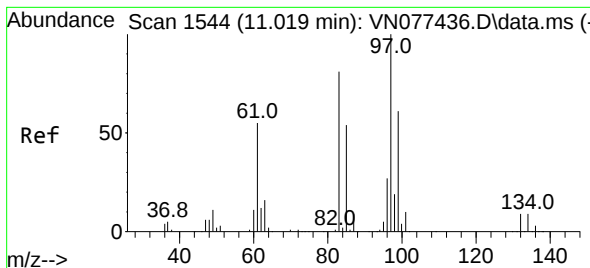


#54
 cis-1,3-Dichloropropene
 Concen: 51.775 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN077436.D
 Acq: 24 Apr 2023 13:15



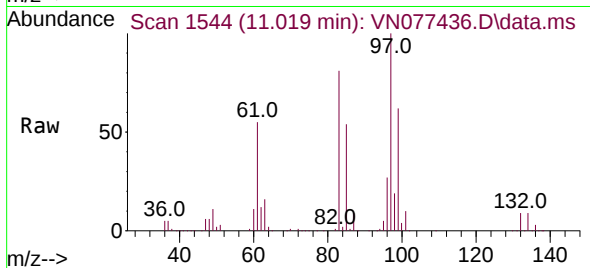
Tgt Ion: 75 Resp: 682023
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.1 39.1
 39 39.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 49.531 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

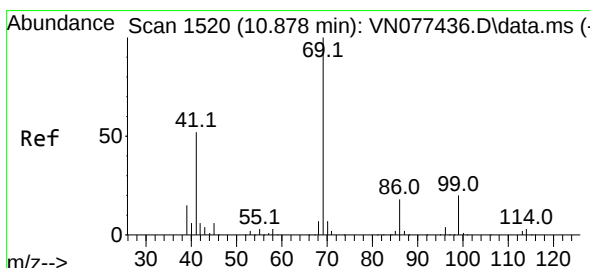
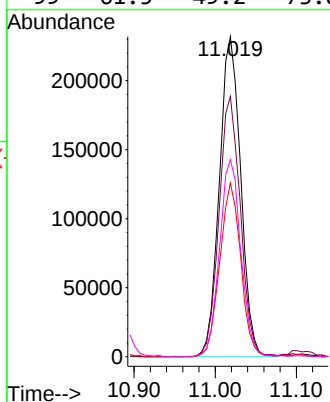
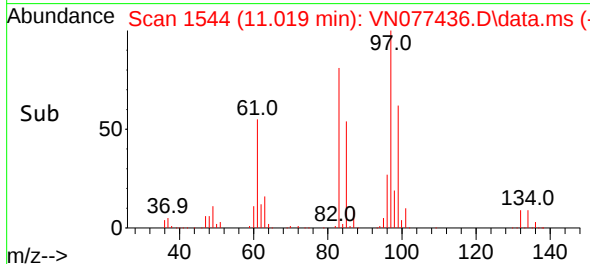
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 97 Resp: 424162
Ion Ratio Lower Upper
97 100
83 81.4 65.1 97.7
85 54.3 43.4 65.2
99 61.5 49.2 73.8

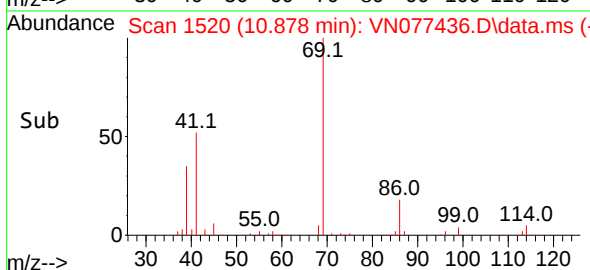
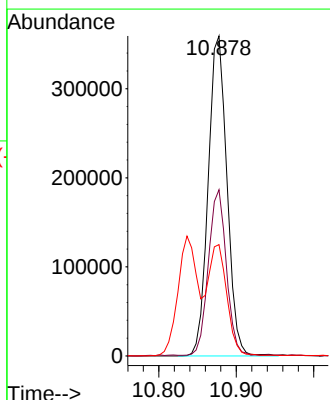
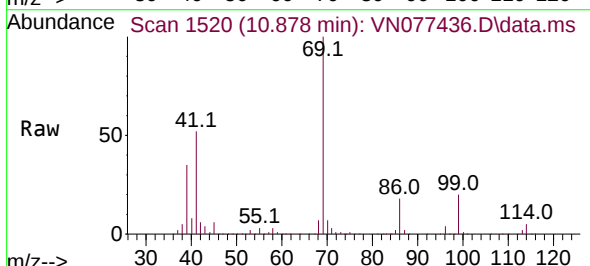
Manual Integrations
APPROVED

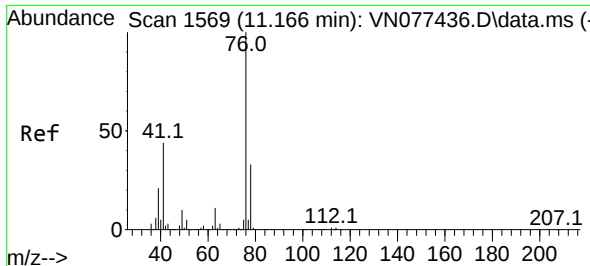
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#56
Ethyl methacrylate
Concen: 50.434 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

Tgt Ion: 69 Resp: 605175
Ion Ratio Lower Upper
69 100
41 49.5 39.6 59.4
39 35.8 28.6 43.0





#57

1,3-Dichloropropane

Concen: 50.472 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077436.D

Acq: 24 Apr 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 68845

Ion Ratio Lower Upper

76 100

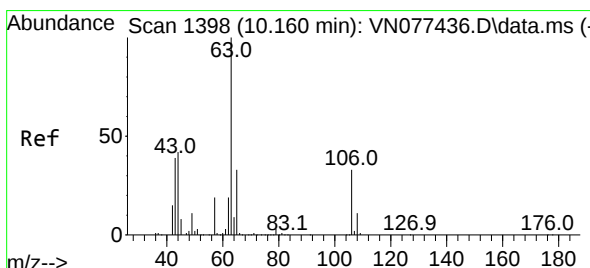
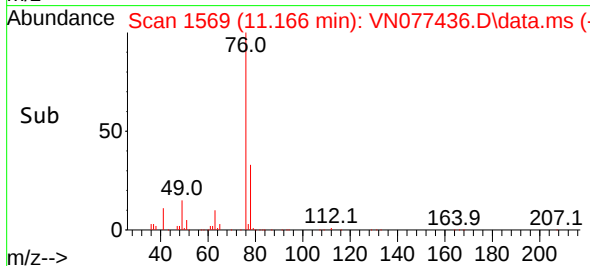
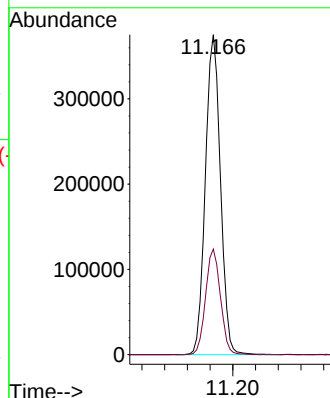
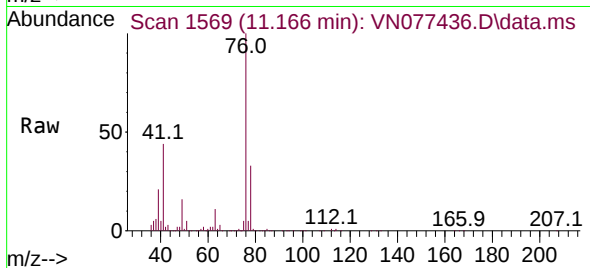
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 272.572 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077436.D

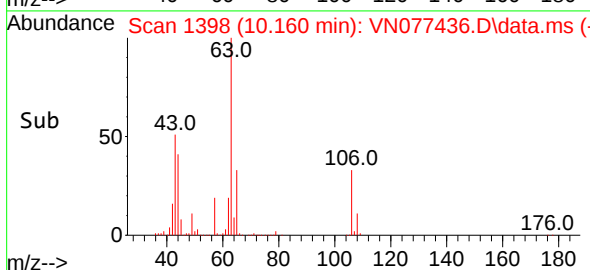
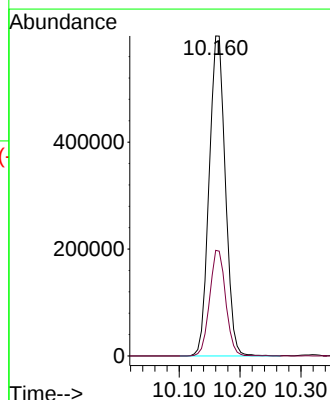
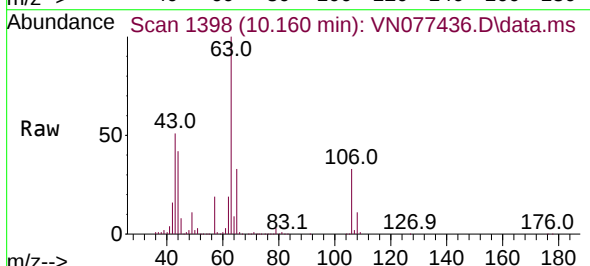
Acq: 24 Apr 2023 13:15

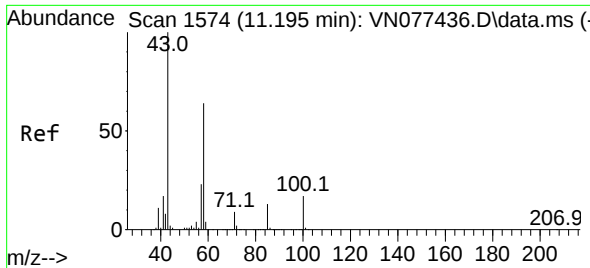
Tgt Ion: 63 Resp: 1106269

Ion Ratio Lower Upper

63 100

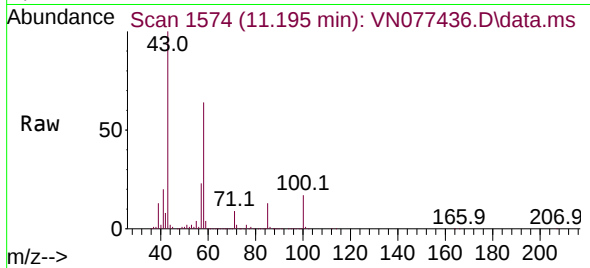
106 32.8 26.2 39.4





#59
2-Hexanone
Concen: 241.874 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

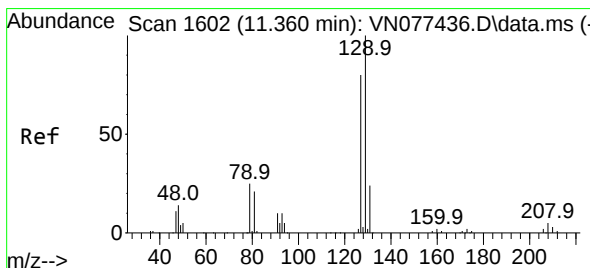
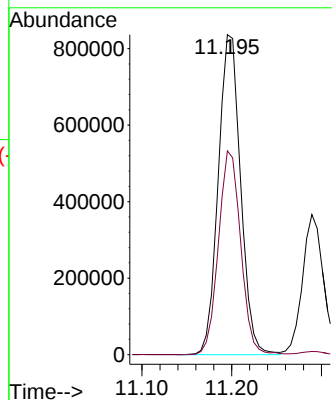
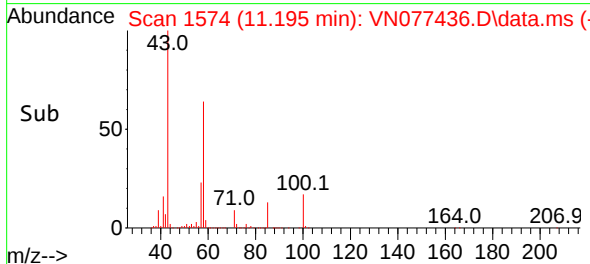
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 144659
Ion Ratio Lower Upper
43 100
58 63.4 31.7 95.1

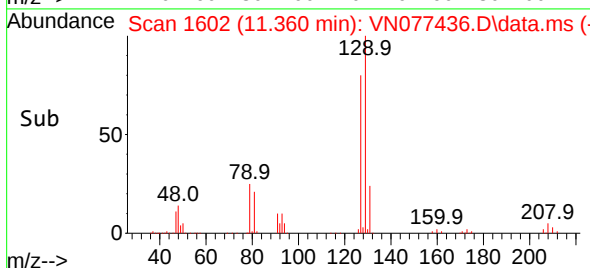
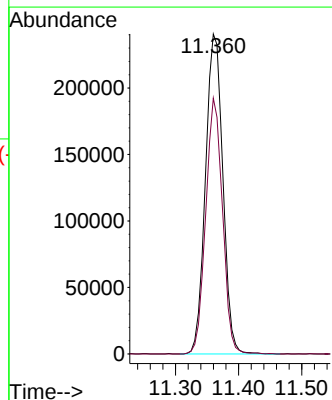
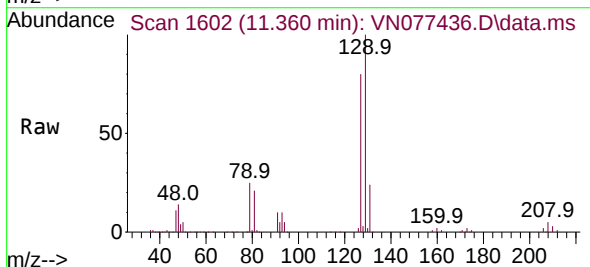
Manual Integrations
APPROVED

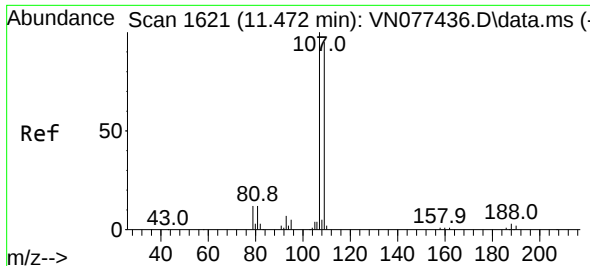
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#60
Dibromochloromethane
Concen: 51.724 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

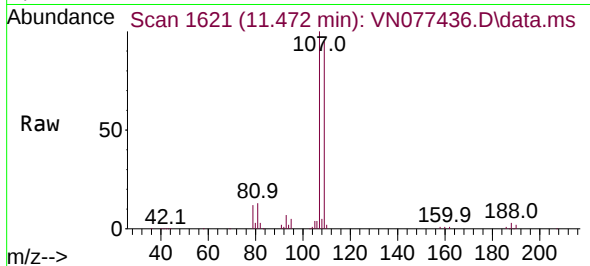
Tgt Ion:129 Resp: 459693
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.508 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

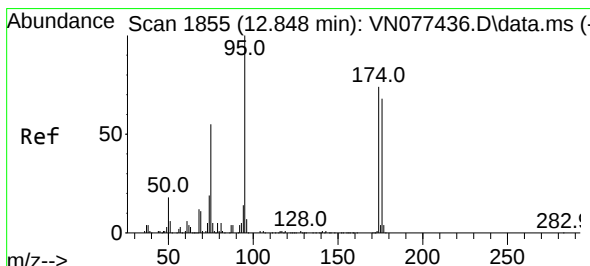
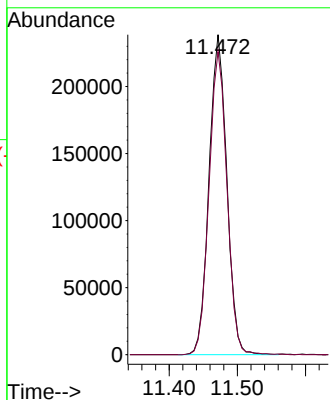
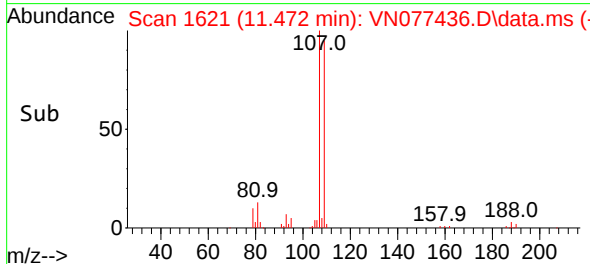
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 432839
Ion Ratio Lower Upper
107 100
109 95.7 76.6 114.8

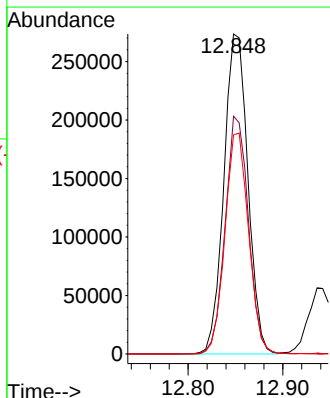
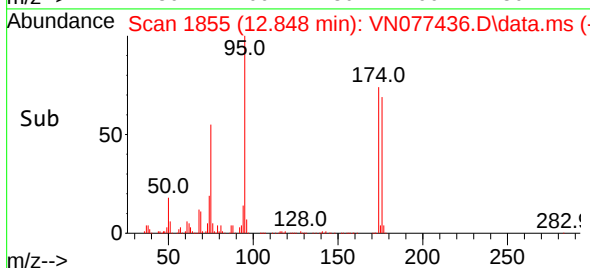
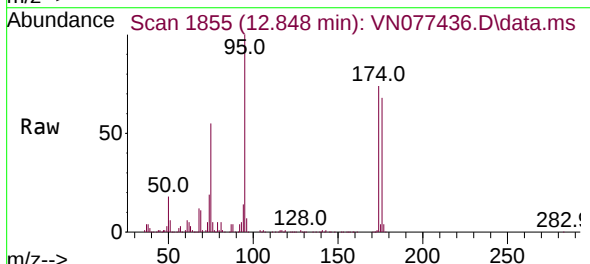
Manual Integrations
APPROVED

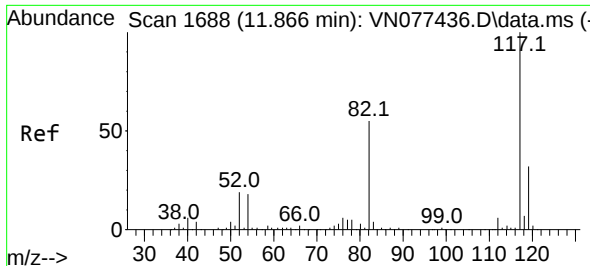
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#62
4-Bromofluorobenzene
Concen: 52.249 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

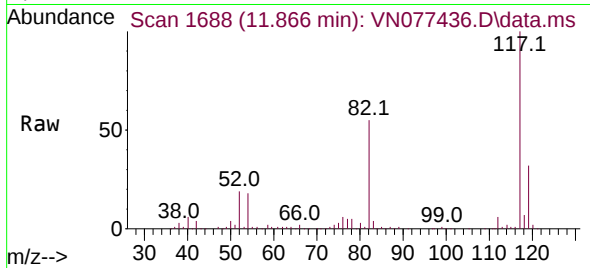
Tgt Ion: 95 Resp: 482392
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.8
176 67.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

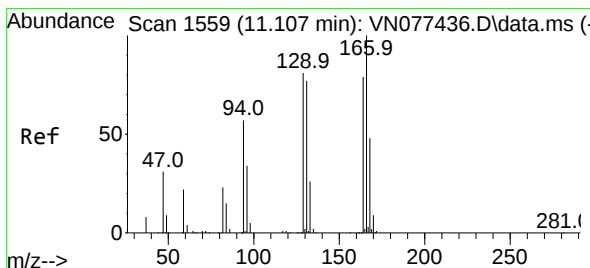
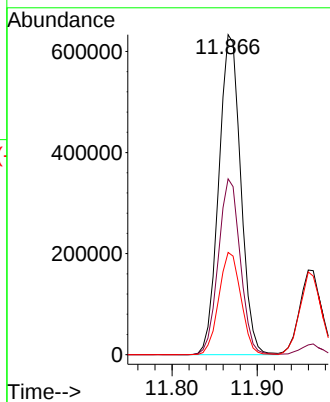
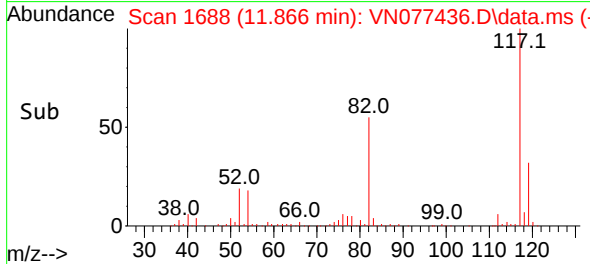
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



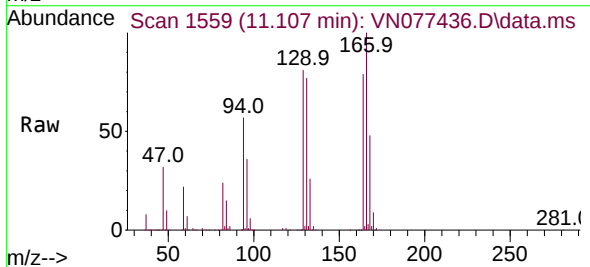
Tgt Ion:117 Resp: 113445
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 32.0 25.6 38.4

Manual Integrations
APPROVED

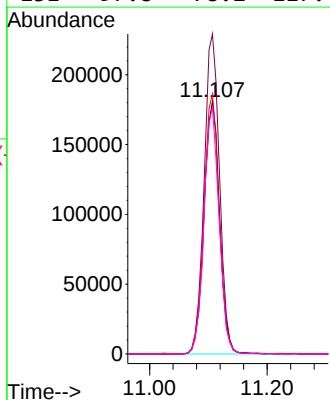
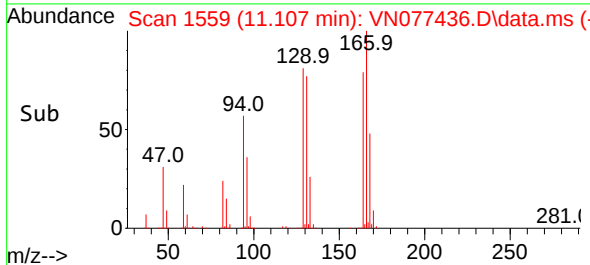
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

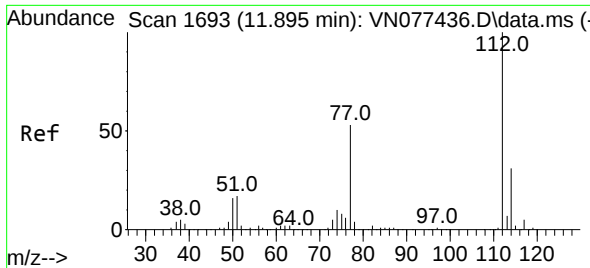


#64
Tetrachloroethene
Concen: 49.061 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15



Tgt Ion:164 Resp: 333173
Ion Ratio Lower Upper
164 100
166 126.7 101.4 152.0
129 103.0 82.4 123.6
131 97.8 78.2 117.4





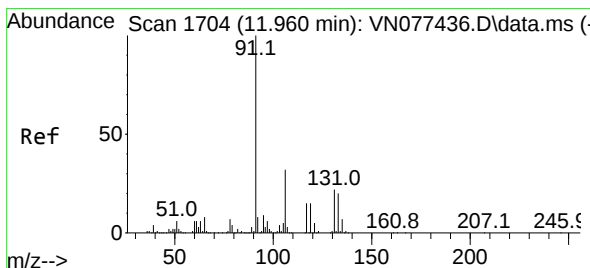
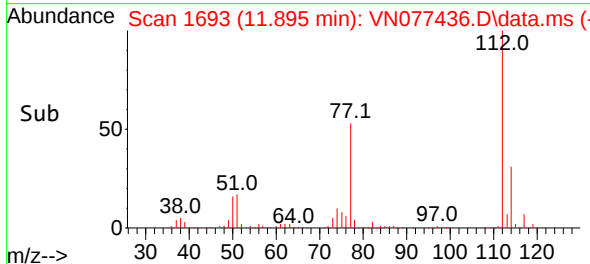
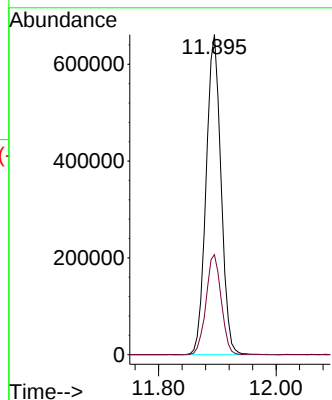
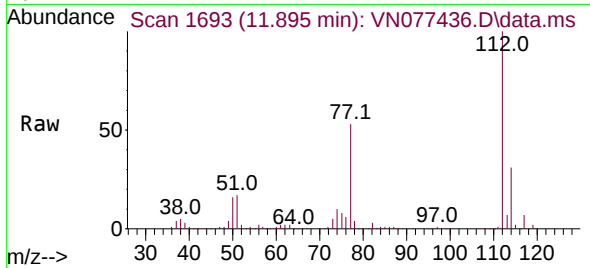
#65
Chlorobenzene
Concen: 48.340 ug/l
RT: 11.895 min Scan# 1160450
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 1160450
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

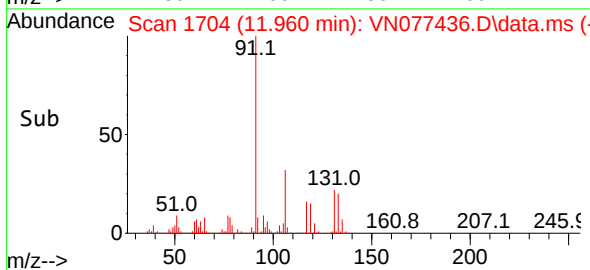
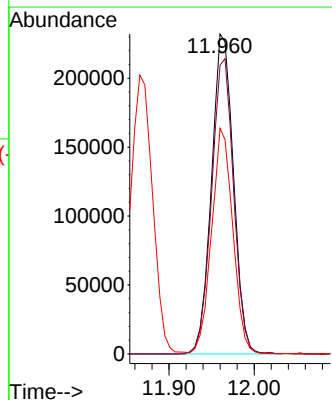
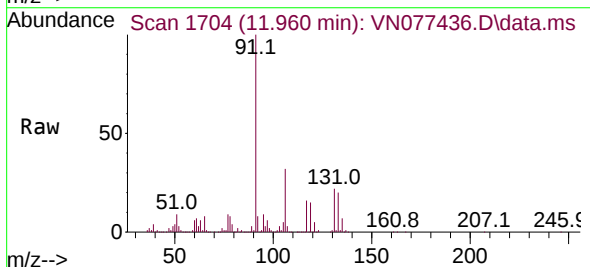
Manual Integrations
APPROVED

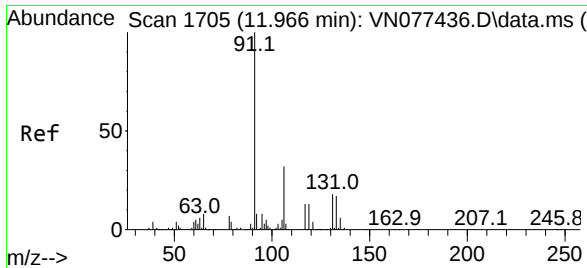
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.694 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

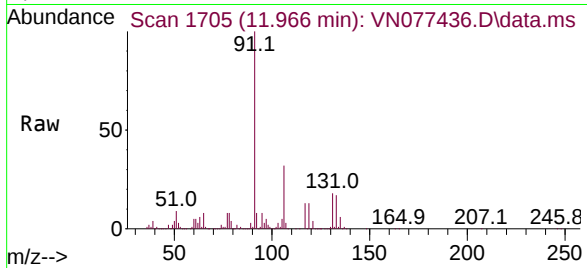
Tgt Ion:131 Resp: 416558
Ion Ratio Lower Upper
131 100
133 92.7 46.4 139.1
119 68.1 34.1 102.2





#67
Ethyl Benzene
Concen: 49.245 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

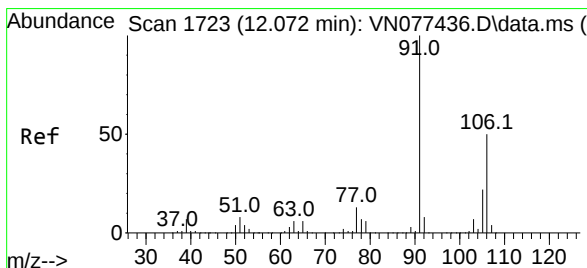
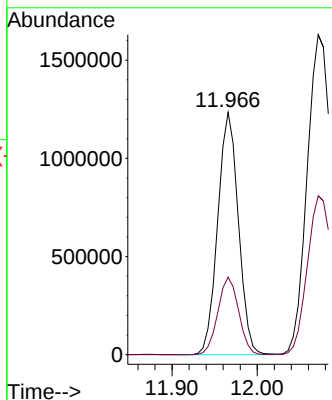
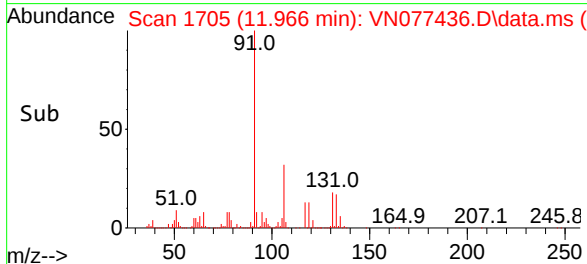
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 2081079
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

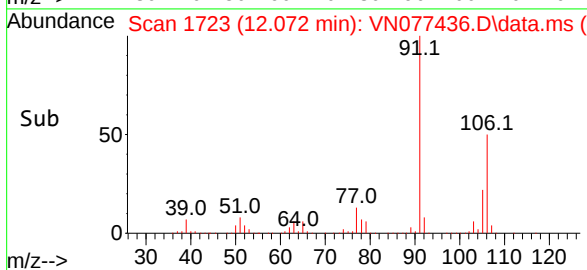
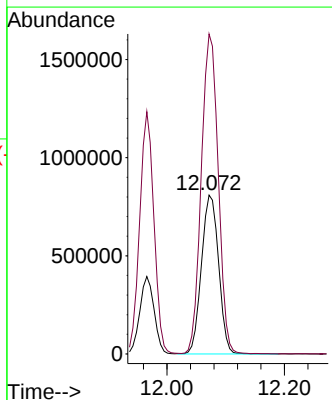
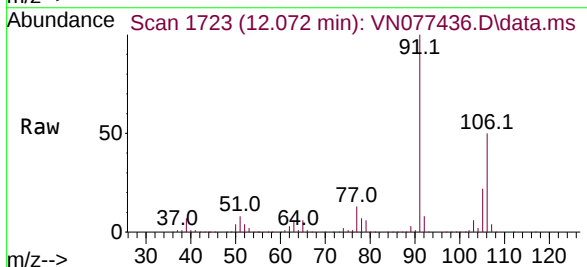
Manual Integrations
APPROVED

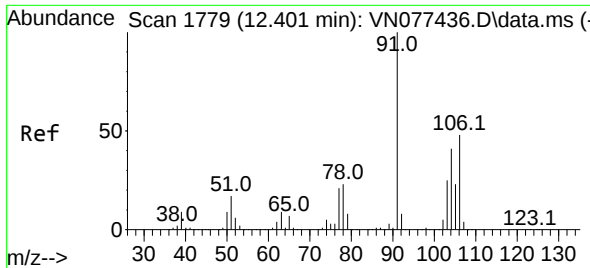
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#68
m/p-Xylenes
Concen: 99.429 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

Tgt Ion:106 Resp: 1633080
Ion Ratio Lower Upper
106 100
91 199.5 159.6 239.4





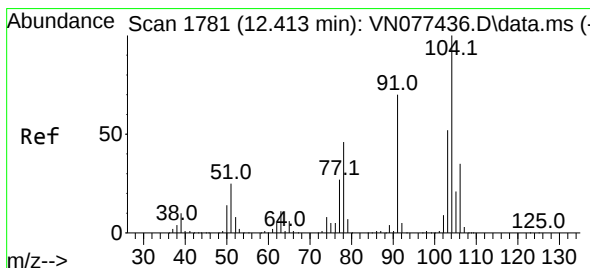
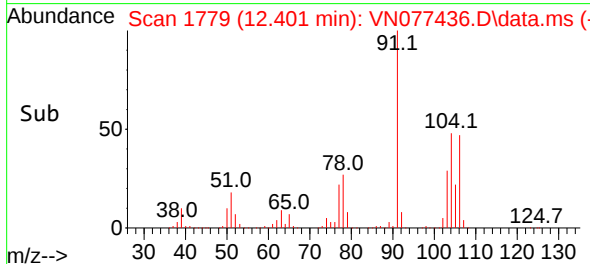
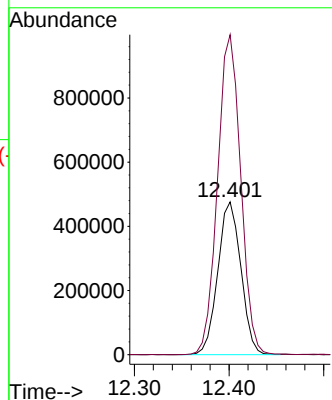
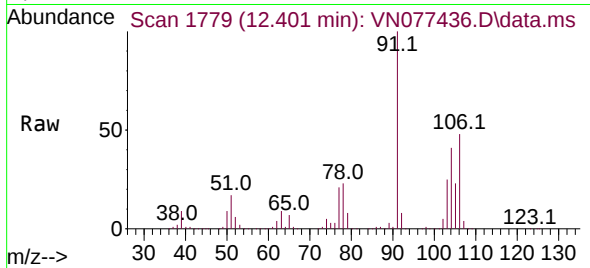
#69
o-Xylene
Concen: 49.978 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 807414
Ion Ratio Lower Upper
106 100
91 210.3 105.2 315.5

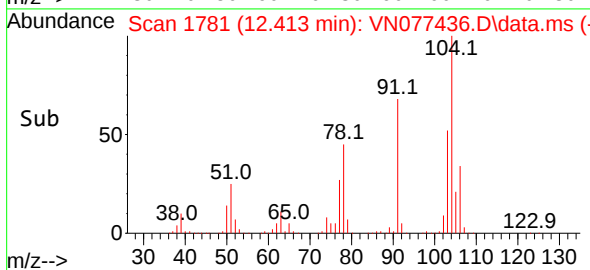
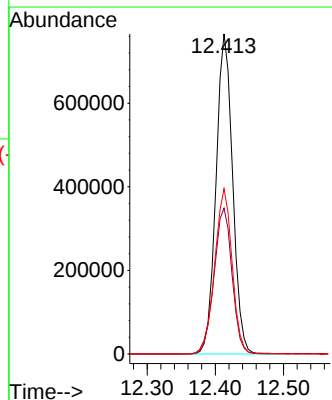
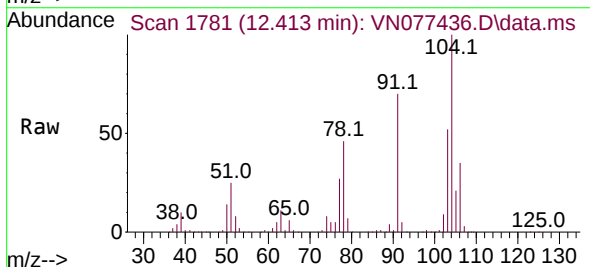
Manual Integrations
APPROVED

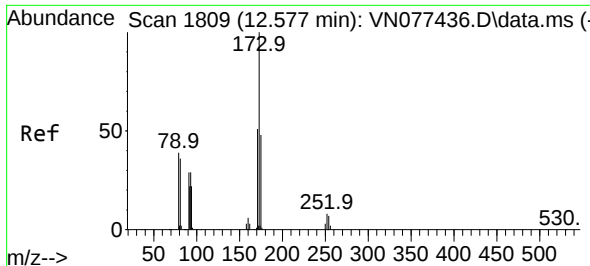
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#70
Styrene
Concen: 51.445 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

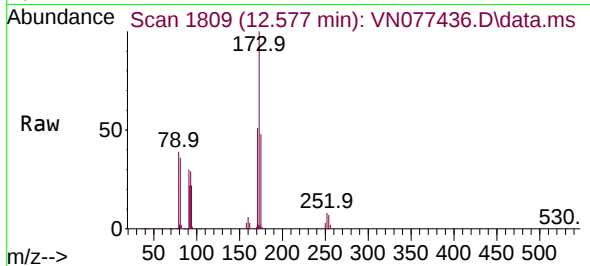
Tgt Ion:104 Resp: 1299750
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 54.0 43.2 64.8





#71
Bromoform
Concen: 50.392 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

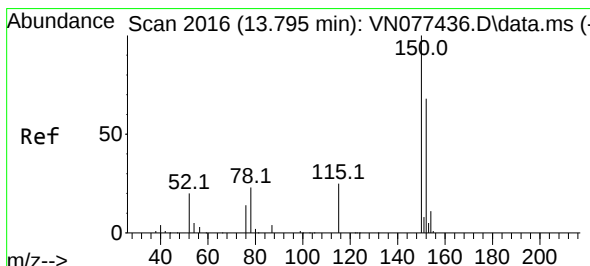
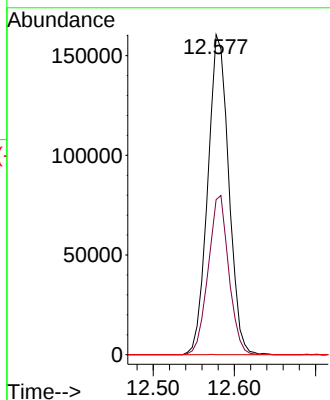
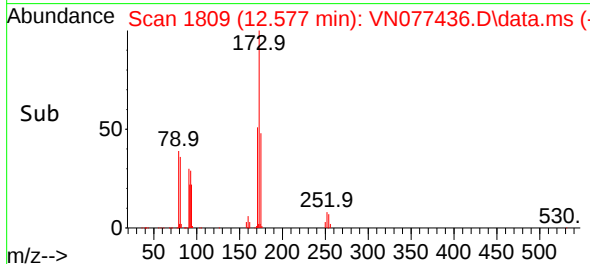
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



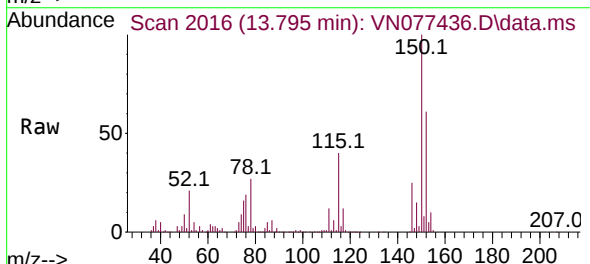
Tgt Ion:173 Resp: 287948
Ion Ratio Lower Upper
173 100
175 48.7 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

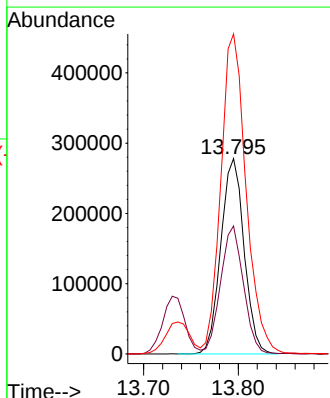
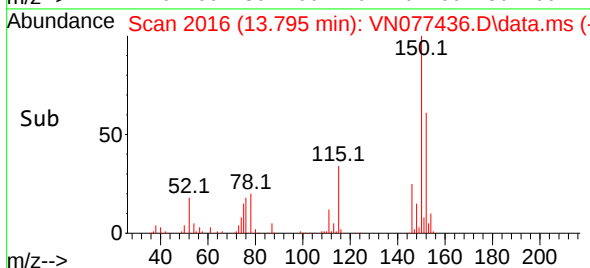
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

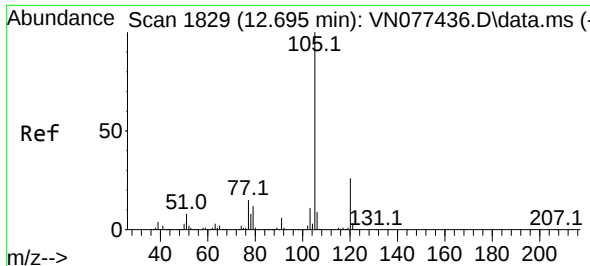


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15



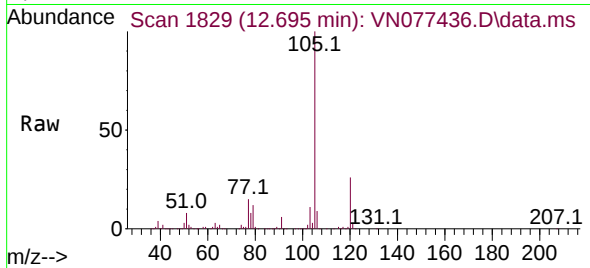
Tgt Ion:152 Resp: 475109
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 177.9 0.0 355.8





#73
Isopropylbenzene
Concen: 47.776 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

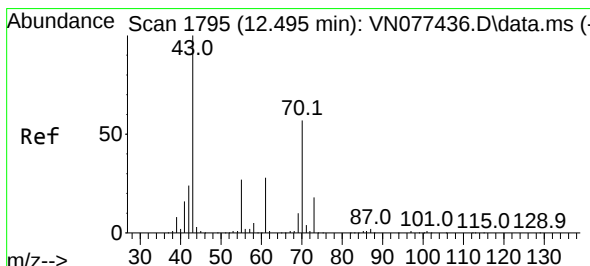
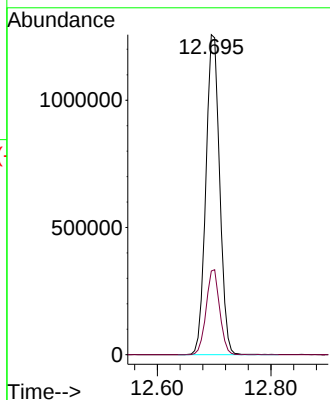
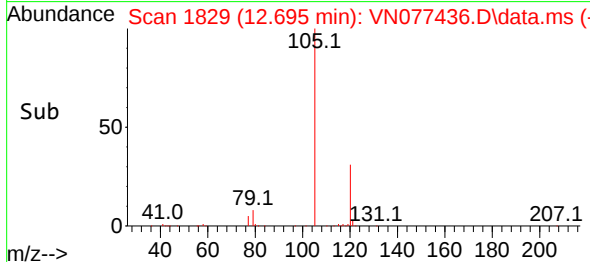
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



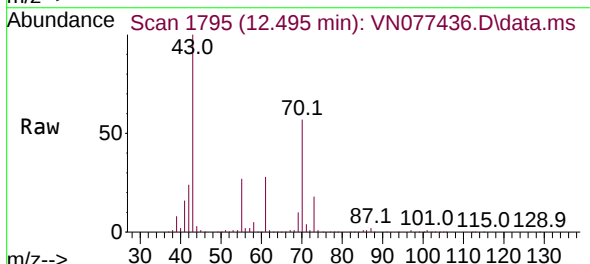
Tgt Ion:105 Resp: 210634
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

Manual Integrations
APPROVED

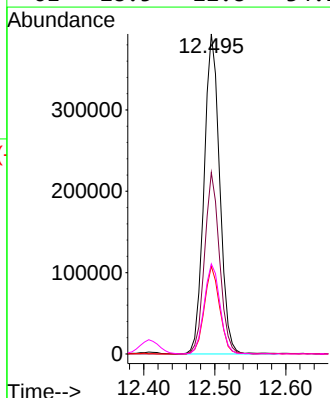
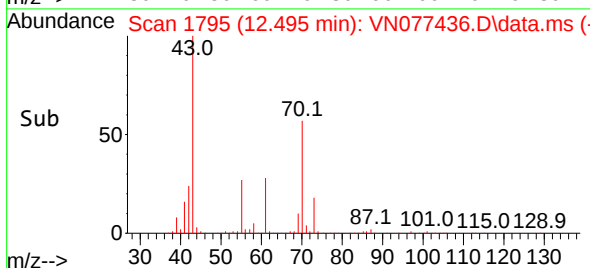
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

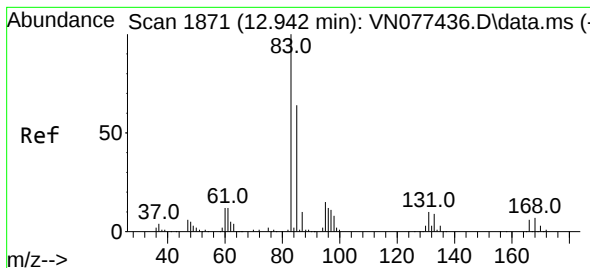


#74
N-ethyl acetate
Concen: 46.286 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15



Tgt Ion: 43 Resp: 604146
Ion Ratio Lower Upper
43 100
70 54.3 43.4 65.2
55 26.7 21.4 32.0
61 28.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.397 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN077436.D

Acq: 24 Apr 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

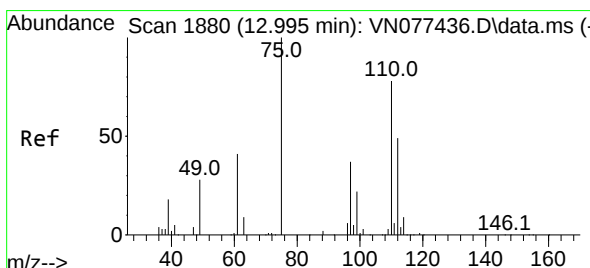
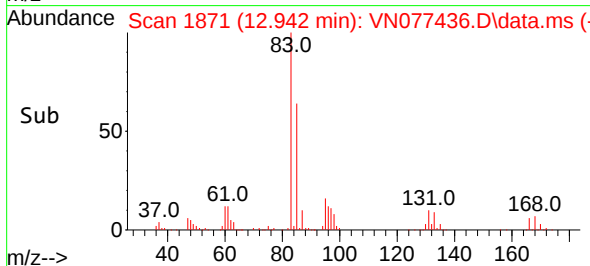
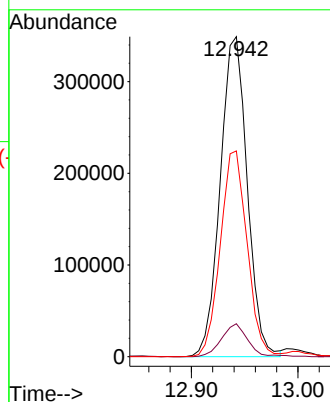
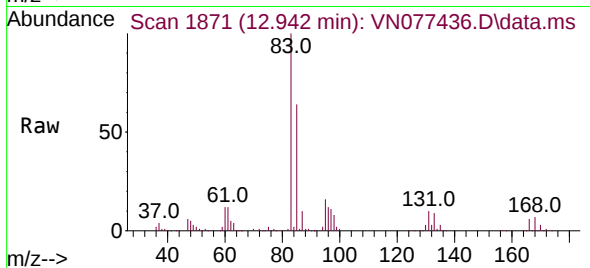
Tgt Ion:	83	Resp:	61501
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	15.0
85	63.8	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#76

1,2,3-Trichloropropane

Concen: 44.695 ug/l m

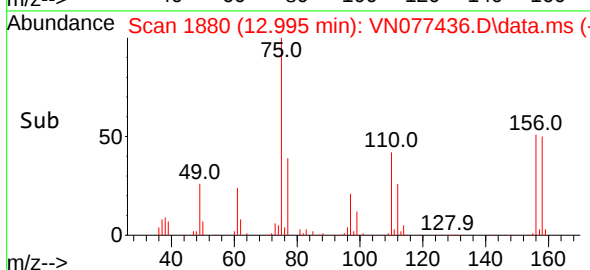
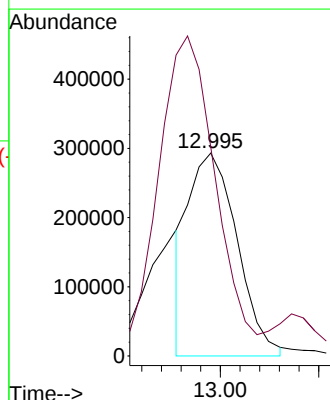
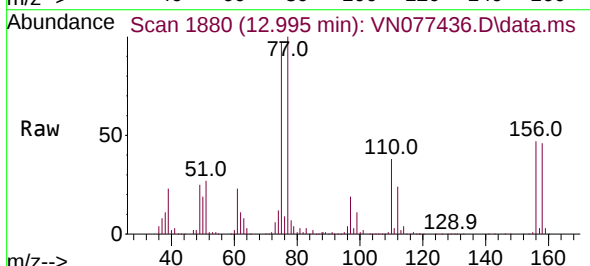
RT: 12.995 min Scan# 1880

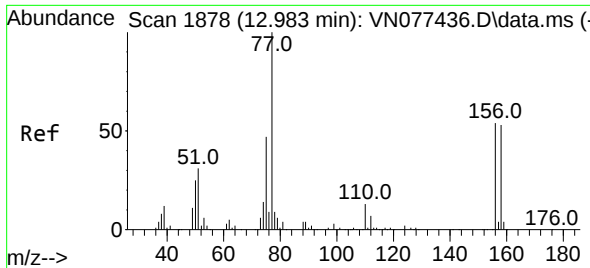
Delta R.T. 0.000 min

Lab File: VN077436.D

Acq: 24 Apr 2023 13:15

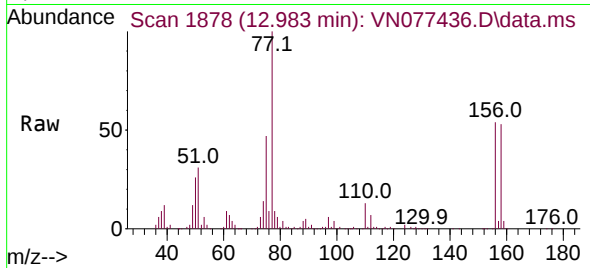
Tgt Ion:	75	Resp:	504576
Ion Ratio	Lower	Upper	
75	100		
77	186.5	84.5	253.5





#77
Bromobenzene
Concen: 45.444 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

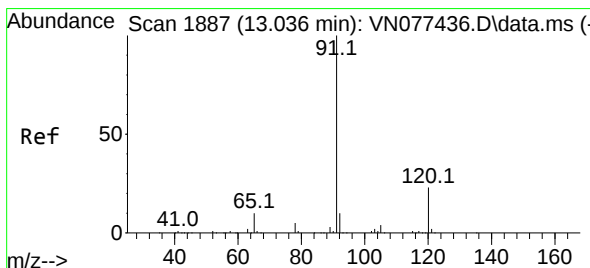
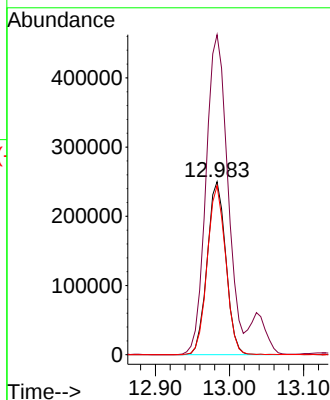
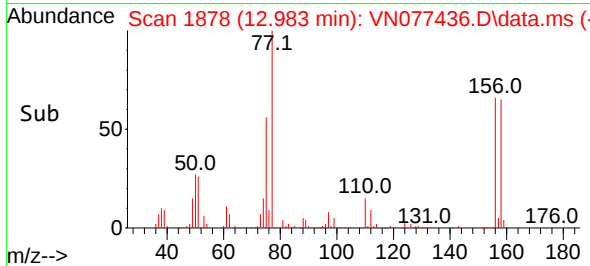
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 436654
Ion Ratio Lower Upper
156 100
77 215.5 107.7 323.3
158 96.9 48.4 145.3

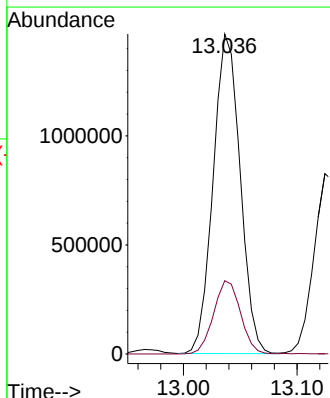
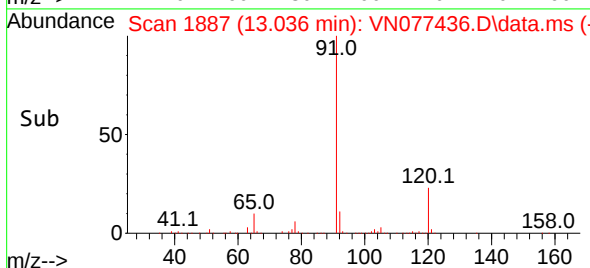
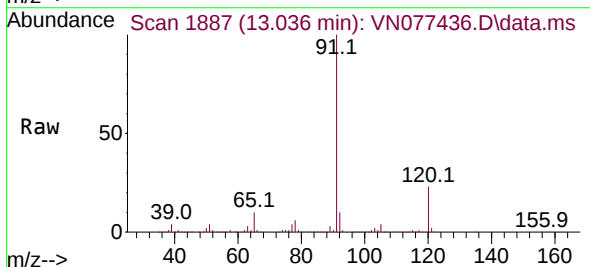
Manual Integrations
APPROVED

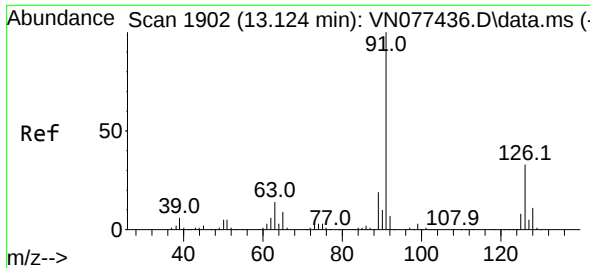
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#78
n-propylbenzene
Concen: 49.567 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

Tgt Ion: 91 Resp: 2416303
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





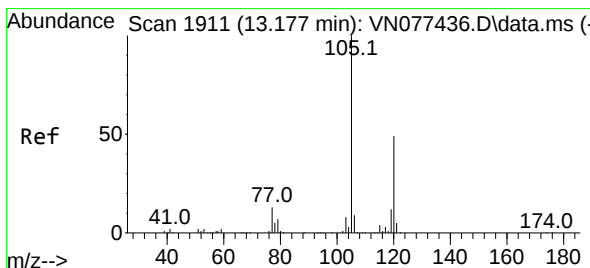
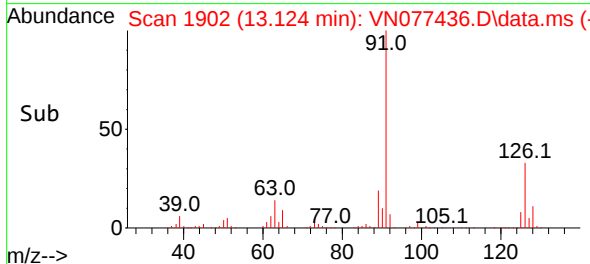
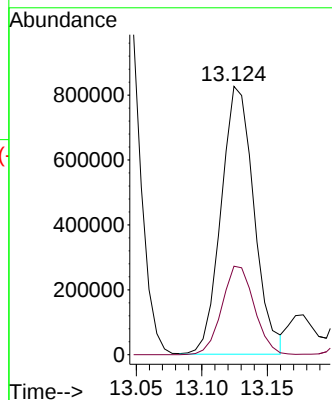
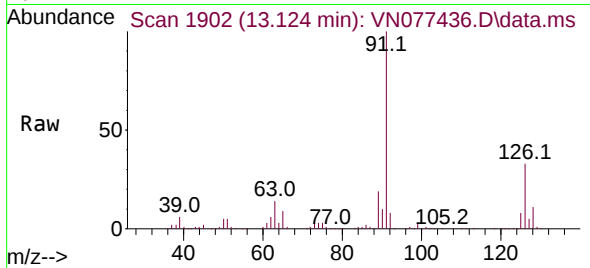
#79
2-Chlorotoluene
Concen: 47.981 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 1442100
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

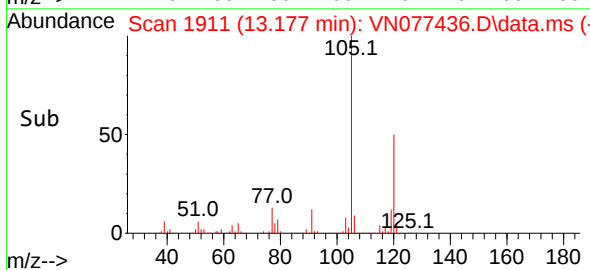
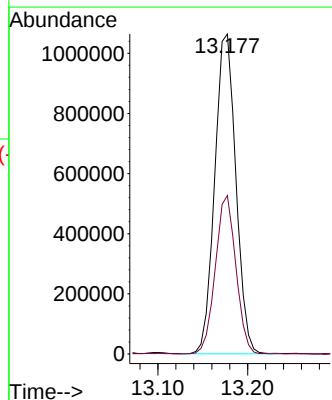
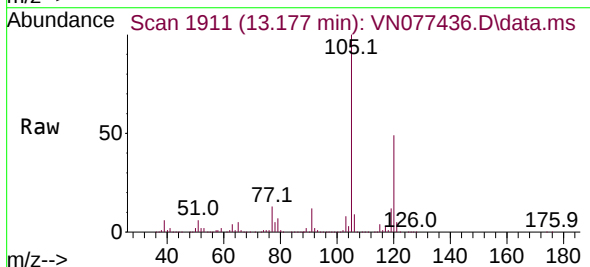
Manual Integrations
APPROVED

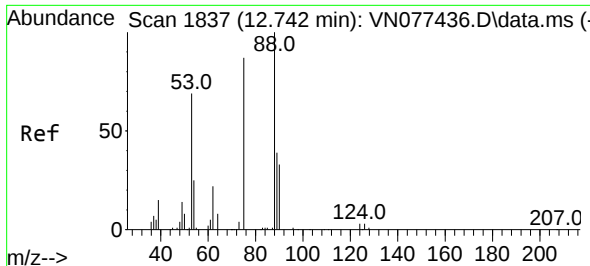
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.133 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

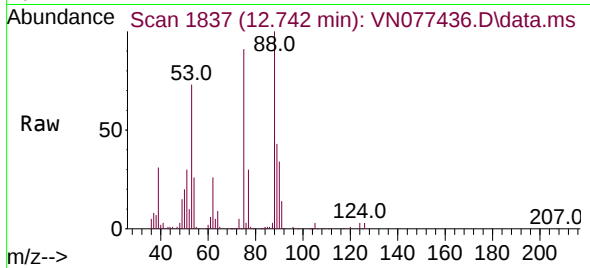
Tgt Ion:105 Resp: 1739631
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.541 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

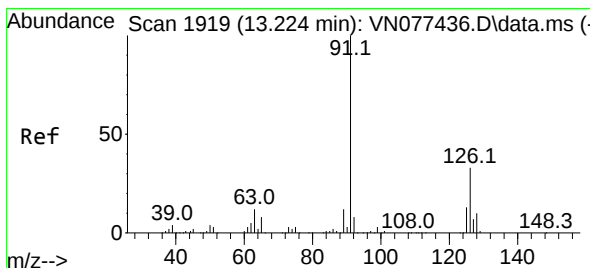
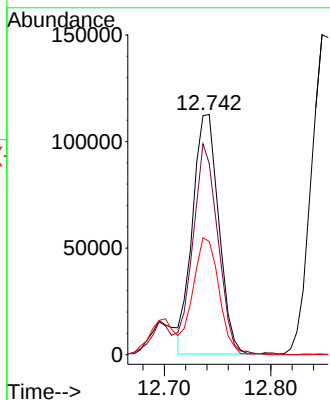
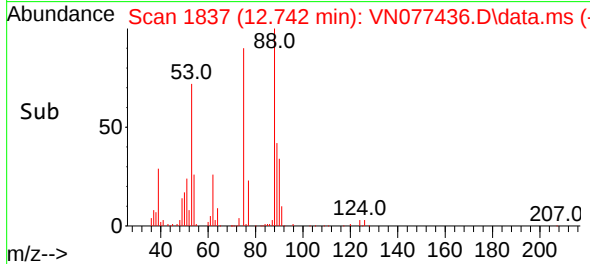
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 192214
Ion Ratio Lower Upper
75 100
53 84.3 67.4 101.2
89 48.5 38.8 58.2

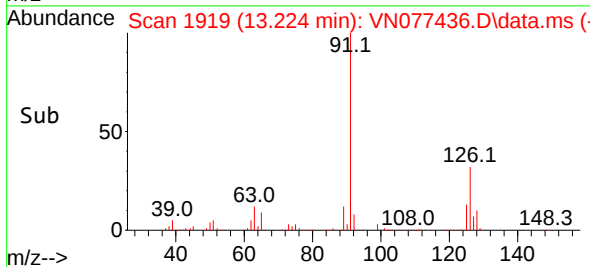
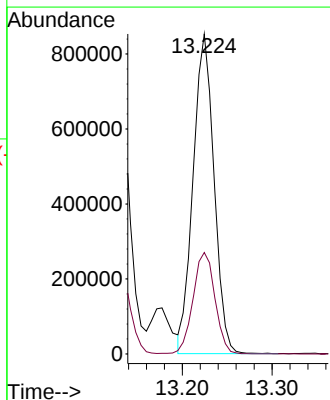
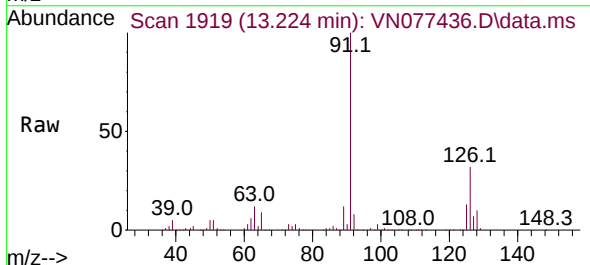
Manual Integrations
APPROVED

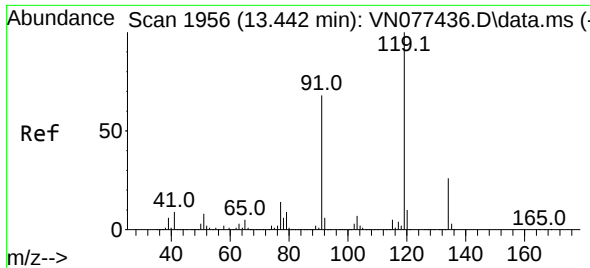
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#82
4-Chlorotoluene
Concen: 49.133 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

Tgt Ion: 91 Resp: 1379903
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0





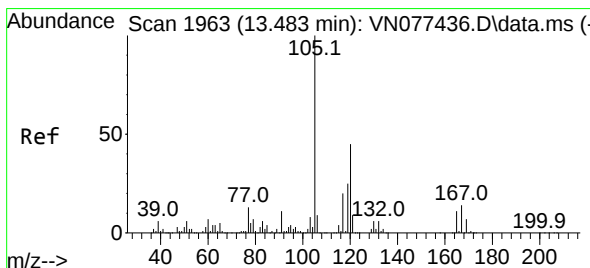
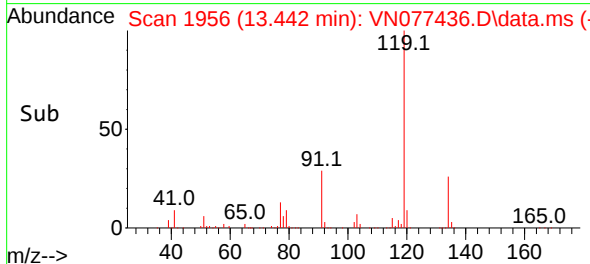
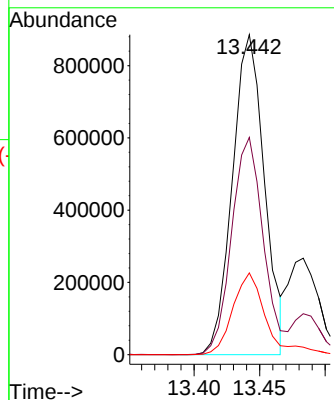
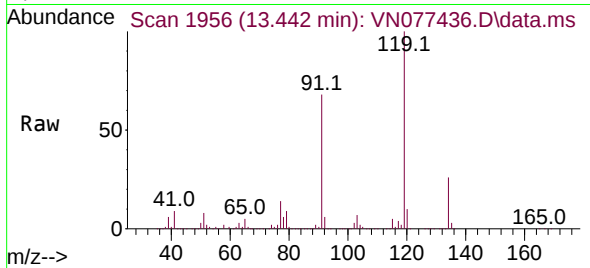
#83
tert-Butylbenzene
Concen: 47.420 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 1507770
Ion Ratio Lower Upper
119 100
91 67.8 33.9 101.7
134 26.4 13.2 39.6

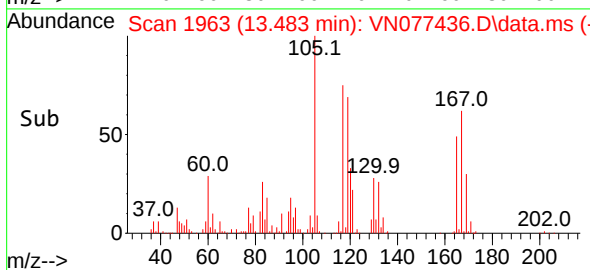
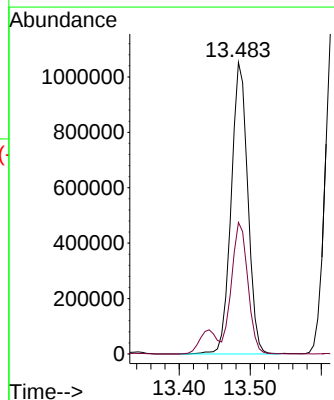
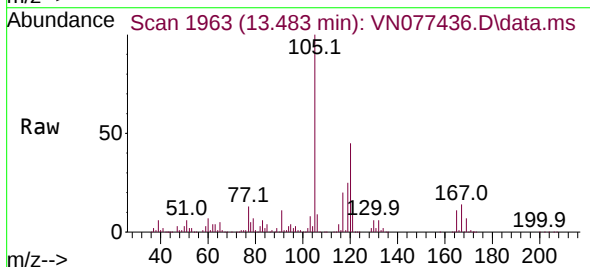
Manual Integrations
APPROVED

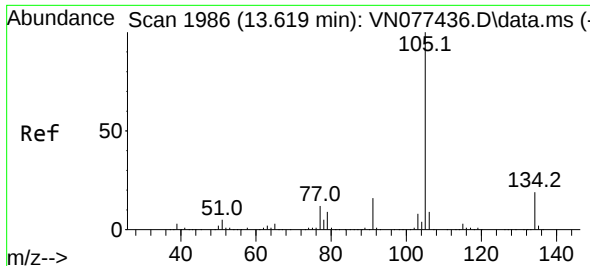
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#84
1,2,4-Trimethylbenzene
Concen: 56.001 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

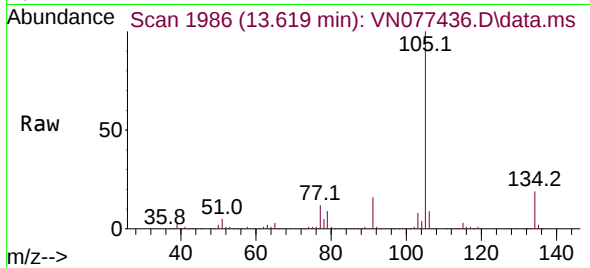
Tgt Ion:105 Resp: 1712365
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.912 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077436.D
 Acq: 24 Apr 2023 13:15

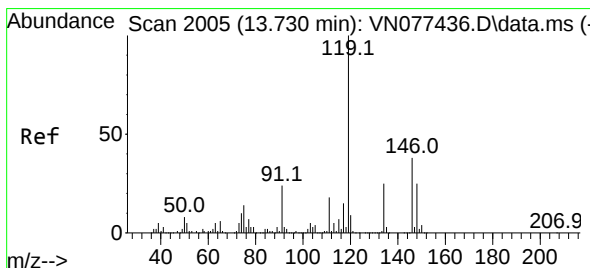
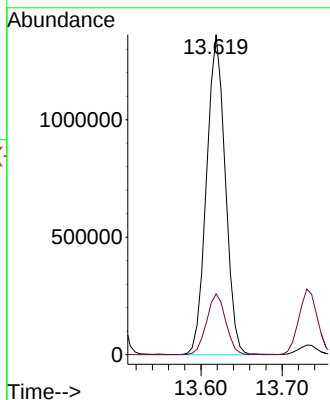
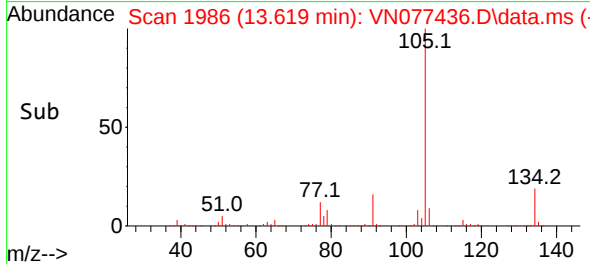
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



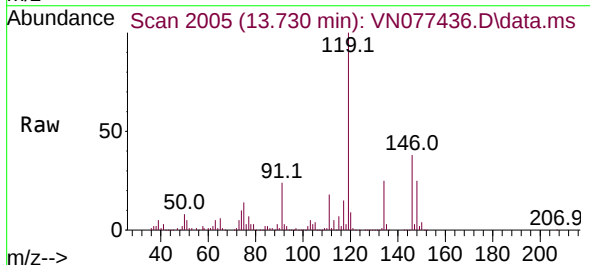
Tgt Ion:105 Resp: 2178314
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
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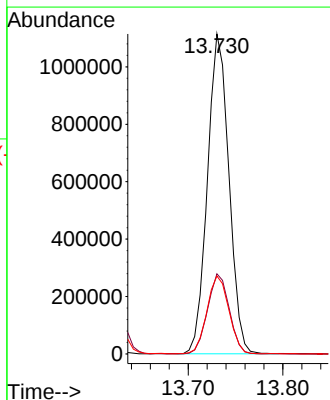
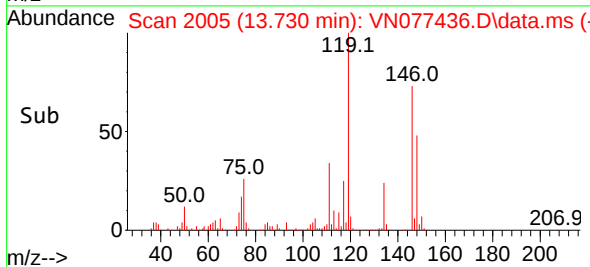
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

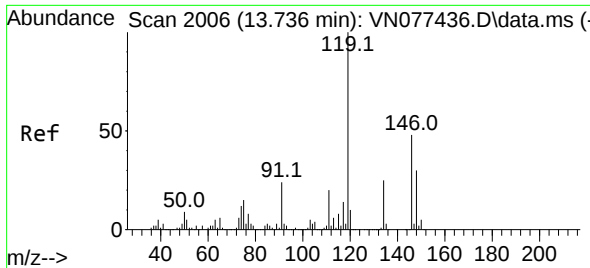


#86
 p-Isopropyltoluene
 Concen: 52.225 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077436.D
 Acq: 24 Apr 2023 13:15



Tgt Ion:119 Resp: 1753664
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 24.8 12.4 37.2





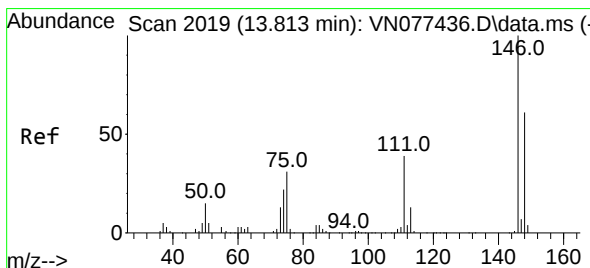
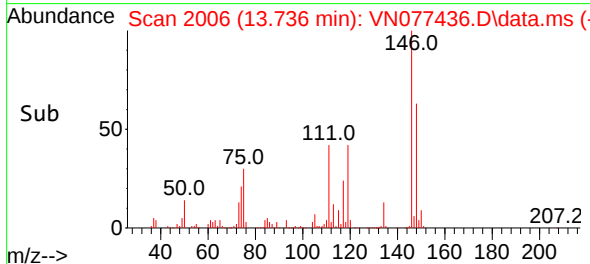
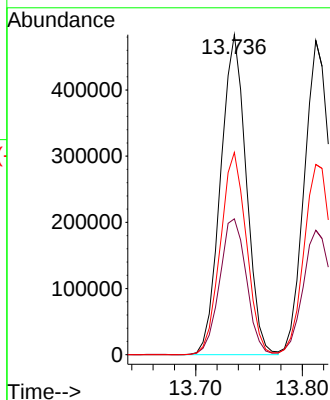
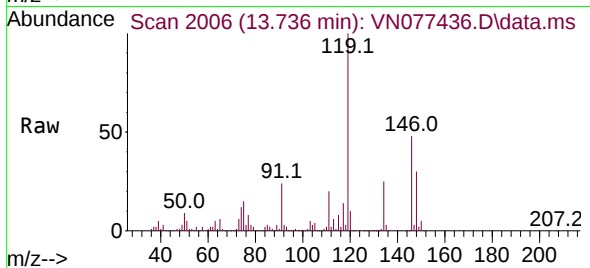
#87
 1,3-Dichlorobenzene
 Concen: 47.348 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077436.D
 Acq: 24 Apr 2023 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 80909
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.1 66.3
 148 64.0 32.0 96.0

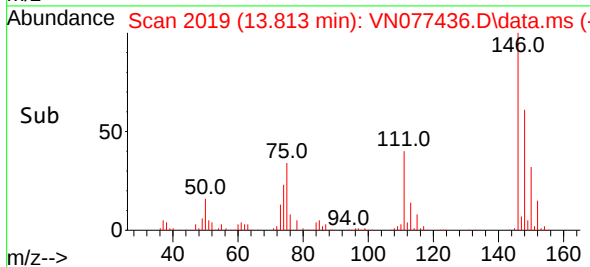
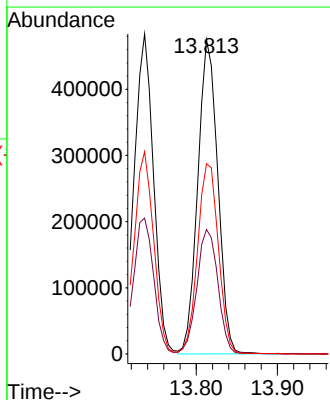
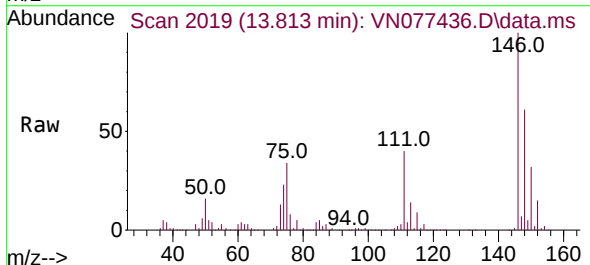
Manual Integrations
 APPROVED

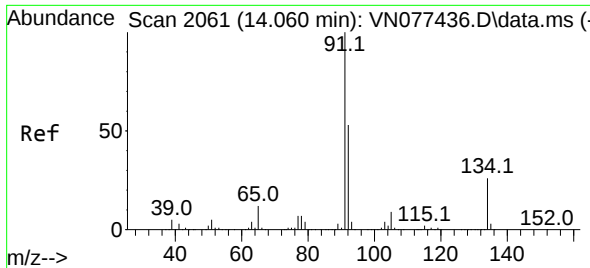
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#88
 1,4-Dichlorobenzene
 Concen: 48.192 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VN077436.D
 Acq: 24 Apr 2023 13:15

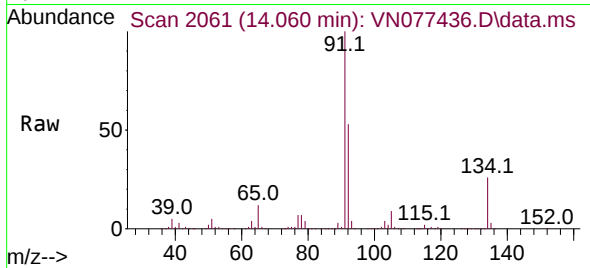
Tgt Ion:146 Resp: 812463
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.6 61.8
 148 63.2 31.6 94.8





#89
n-Butylbenzene
Concen: 56.593 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

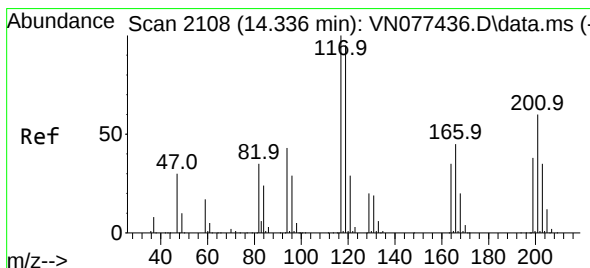
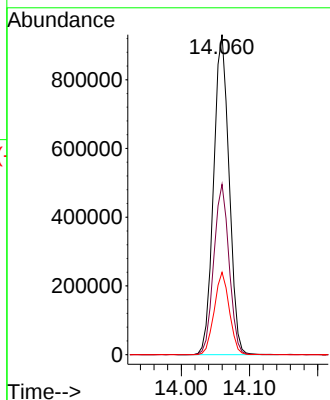
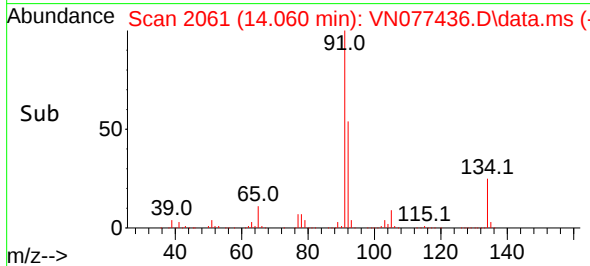
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 1470650
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 25.1 12.6 37.6

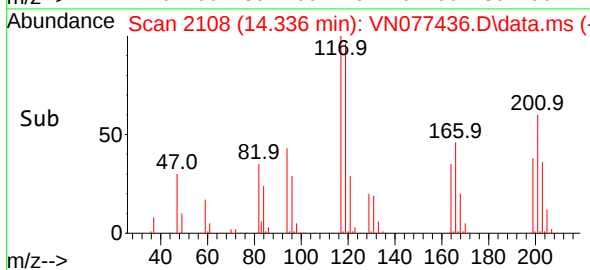
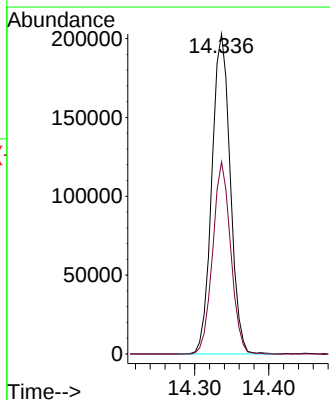
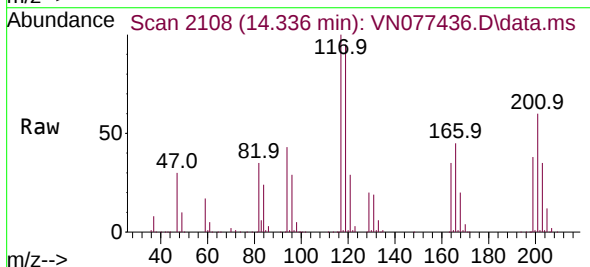
Manual Integrations
APPROVED

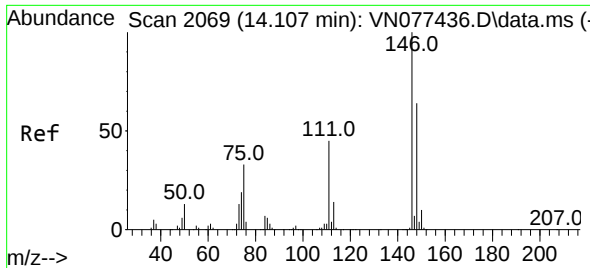
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#90
Hexachloroethane
Concen: 47.084 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

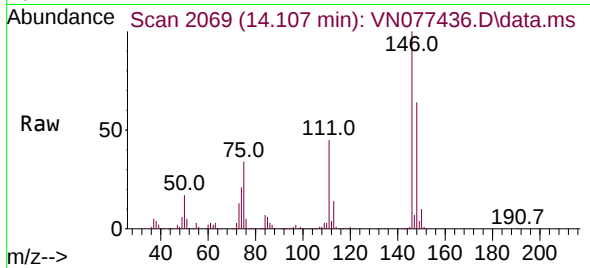
Tgt Ion:117 Resp: 349295
Ion Ratio Lower Upper
117 100
201 58.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 47.911 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

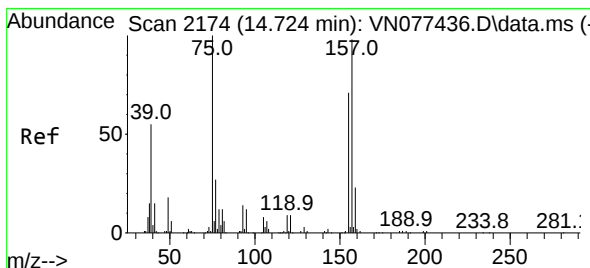
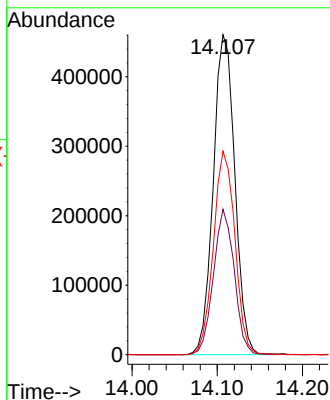
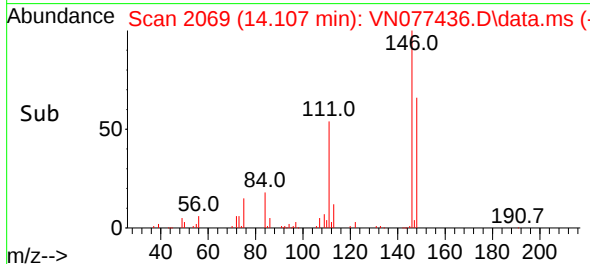
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



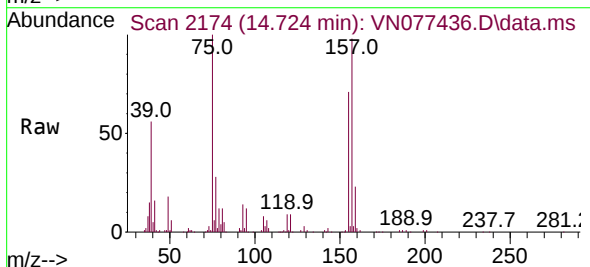
Tgt Ion:146 Resp: 812020
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 63.5 31.8 95.3

Manual Integrations
APPROVED

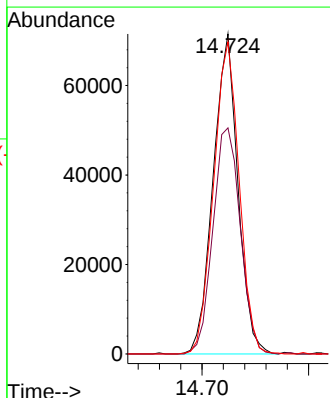
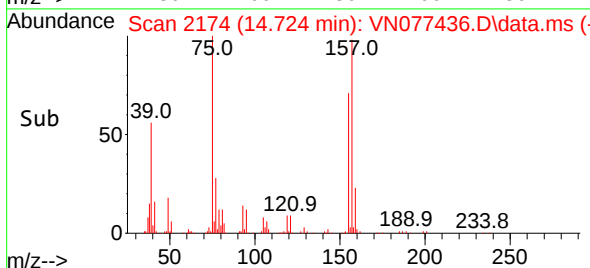
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

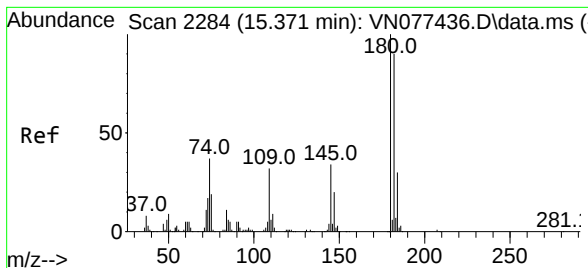


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.019 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15



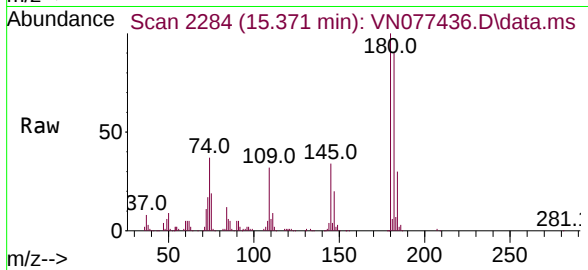
Tgt Ion: 75 Resp: 115322
Ion Ratio Lower Upper
75 100
155 78.1 39.1 117.2
157 100.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 50.894 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

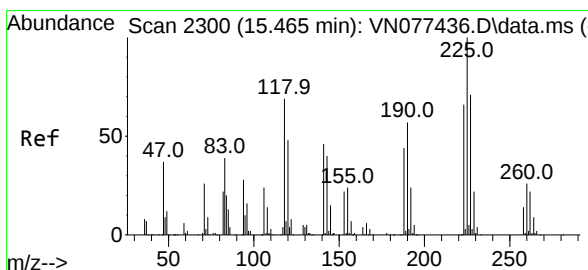
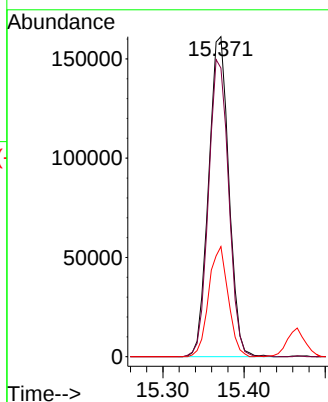
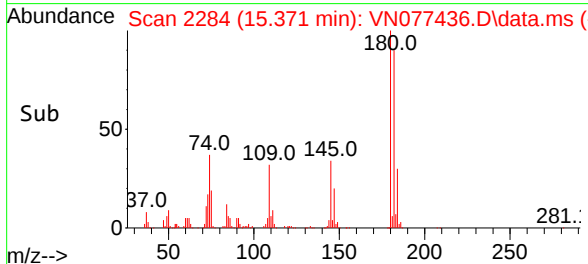
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



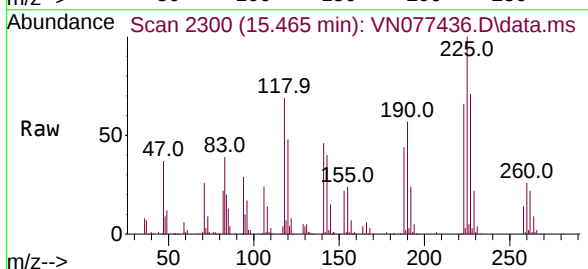
Tgt Ion:180 Resp: 279170
Ion Ratio Lower Upper
180 100
182 92.1 46.1 138.2
145 33.2 16.6 49.8

Manual Integrations
APPROVED

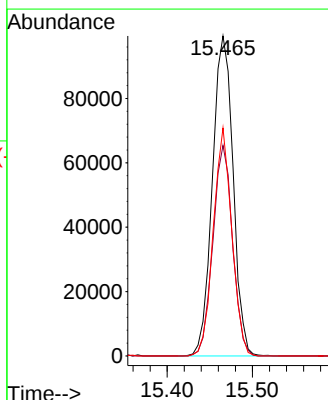
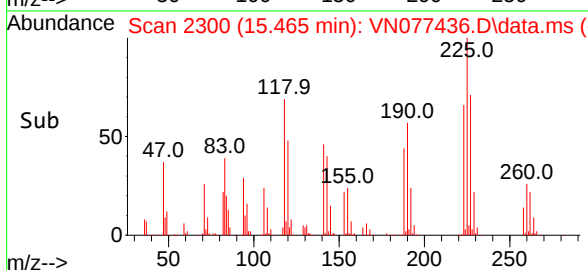
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

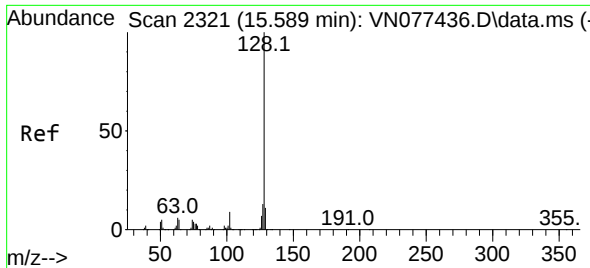


#94
Hexachlorobutadiene
Concen: 48.926 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15



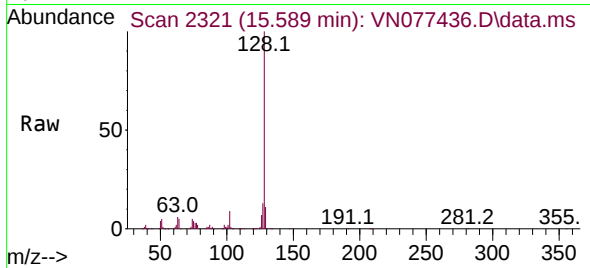
Tgt Ion:225 Resp: 167567
Ion Ratio Lower Upper
225 100
223 62.5 31.3 93.8
227 63.9 31.9 95.9





#95
Naphthalene
Concen: 50.833 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15

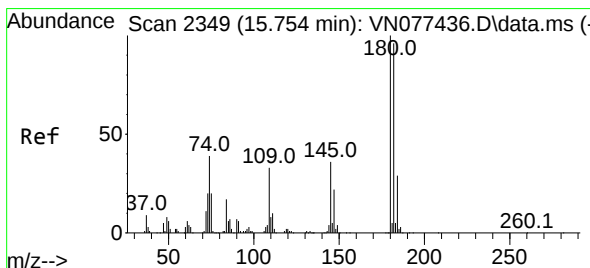
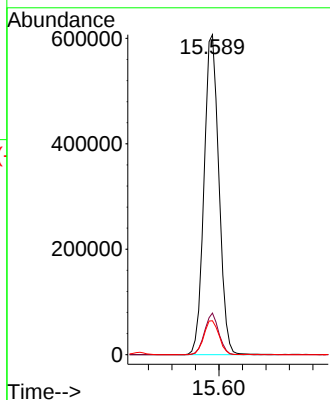
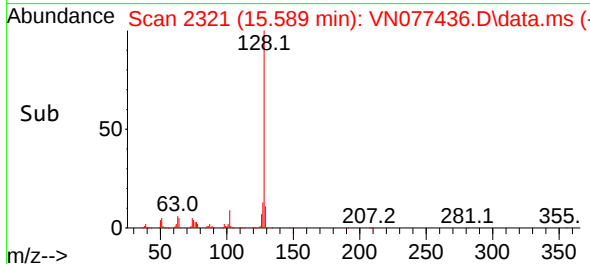
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



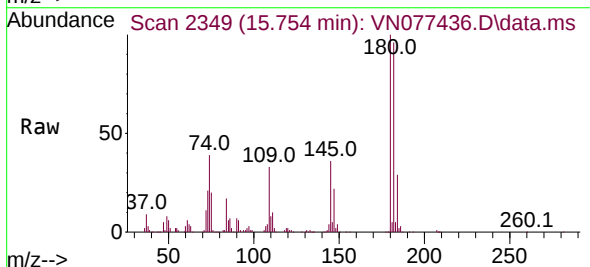
Tgt Ion:128 Resp: 1060170
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.873 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077436.D
Acq: 24 Apr 2023 13:15



Tgt Ion:180 Resp: 261146
Ion Ratio Lower Upper
180 100
182 92.4 46.2 138.6
145 35.1 17.5 52.6

