

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077444.D
 Acq On : 25 Apr 2023 03:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 25 08:37:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	576771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1089780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	987161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	412814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	386909	51.408	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.820%			
35) Dibromofluoromethane	8.172	113	323253	49.351	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.700%			
50) Toluene-d8	10.572	98	1294011	51.547	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.100%			
62) 4-Bromofluorobenzene	12.848	95	450957	54.906	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.131	85	358565	48.708	ug/l	95
3) Chloromethane	2.372	50	284085	49.136	ug/l	100
4) Vinyl Chloride	2.525	62	392786	50.999	ug/l	100
5) Bromomethane	2.949	94	322944	48.406	ug/l	98
6) Chloroethane	3.125	64	288681	49.335	ug/l	99
7) Trichlorofluoromethane	3.501	101	581116	51.334	ug/l	100
8) Diethyl Ether	3.966	74	209778	50.997	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	325497	49.441	ug/l	99
10) Methyl Iodide	4.601	142	419700	51.890	ug/l	95
11) Tert butyl alcohol	5.531	59	308142	255.038	ug/l	99
12) 1,1-Dichloroethene	4.348	96	314423	48.850	ug/l	94
13) Acrolein	4.184	56	283646	235.993	ug/l	98
14) Allyl chloride	5.031	41	331494	46.323	ug/l	86
15) Acrylonitrile	5.725	53	742968	271.066	ug/l	99
16) Acetone	4.437	43	579568	242.053	ug/l	98
17) Carbon Disulfide	4.719	76	791112	48.370	ug/l	100
18) Methyl Acetate	5.031	43	493198	53.339	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	1116874	52.176	ug/l	97
20) Methylene Chloride	5.290	84	387601	51.045	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	348135	50.019	ug/l	94
22) Diisopropyl ether	6.678	45	850007	51.755	ug/l	99
23) Vinyl Acetate	6.613	43	2628328	256.248	ug/l	99
24) 1,1-Dichloroethane	6.572	63	589410	50.699	ug/l	99
25) 2-Butanone	7.489	43	886494	261.037	ug/l	99
26) 2,2-Dichloropropane	7.495	77	487280	43.227	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	419145	50.849	ug/l	98
28) Bromochloromethane	7.819	49	228954	51.571	ug/l	100
29) Tetrahydrofuran	7.842	42	576765	271.061	ug/l	98
30) Chloroform	7.972	83	686564	52.402	ug/l	94
31) Cyclohexane	8.260	56	496379	46.558	ug/l	97
32) 1,1,1-Trichloroethane	8.178	97	626562	52.016	ug/l	97
36) 1,1-Dichloropropene	8.378	75	491785	51.970	ug/l	99
37) Ethyl Acetate	7.566	43	380633	52.934	ug/l	98
38) Carbon Tetrachloride	8.366	117	552481	52.916	ug/l	99
39) Methylcyclohexane	9.607	83	646154	51.827	ug/l	97
40) Benzene	8.613	78	1497575	51.949	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	176374m	47.094	ug/l	
42) 1,2-Dichloroethane	8.672	62	503698	50.872	ug/l	99
43) Isopropyl Acetate	8.689	43	646027	51.931	ug/l	99
44) Trichloroethene	9.354	130	386192	52.322	ug/l	100
45) 1,2-Dichloropropane	9.625	63	344259	50.980	ug/l	96
46) Dibromomethane	9.713	93	273992	50.005	ug/l	96
47) Bromodichloromethane	9.889	83	542028	51.141	ug/l	98
48) Methyl methacrylate	9.683	41	290131	51.236	ug/l	99
49) 1,4-Dioxane	9.695	88	143163	1007.932	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	1950902	267.371	ug/l	99
52) Toluene	10.630	92	1008556	53.404	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	582343	54.261	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	608228	52.066	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	393505	51.816	ug/l	98
56) Ethyl methacrylate	10.877	69	575983	54.127	ug/l	99
57) 1,3-Dichloropropane	11.166	76	644574	53.286	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	1019011	283.118	ug/l	100
59) 2-Hexanone	11.195	43	1417011	267.167	ug/l	100
60) Dibromochloromethane	11.360	129	433732	55.032	ug/l	98
61) 1,2-Dibromoethane	11.472	107	395638	51.029	ug/l	99
64) Tetrachloroethene	11.107	164	323498	54.744	ug/l	97
65) Chlorobenzene	11.895	112	1066056	51.034	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	384168	50.548	ug/l	98
67) Ethyl Benzene	11.966	91	1929939	52.483	ug/l	99
68) m/p-Xylenes	12.077	106	1493801	104.520	ug/l	99
69) o-Xylene	12.401	106	744094	52.931	ug/l	99
70) Styrene	12.413	104	1190040	54.131	ug/l	99
71) Bromoform	12.583	173	275691	55.446	ug/l #	97
73) Isopropylbenzene	12.695	105	1936127	50.542	ug/l	100
74) N-amyl acetate	12.495	43	567101	50.004	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	576083	47.862	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	485409m	50.566	ug/l	
77) Bromobenzene	12.983	156	402964	48.266	ug/l	99
78) n-propylbenzene	13.036	91	2219624	52.403	ug/l	99
79) 2-Chlorotoluene	13.124	91	1315982	50.392	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1599974	56.242	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	191743	56.430	ug/l	96
82) 4-Chlorotoluene	13.224	91	1252134	51.311	ug/l	99
83) tert-Butylbenzene	13.442	119	1401742	50.738	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1564756	58.895	ug/l	100
85) sec-Butylbenzene	13.618	105	2005681	52.892	ug/l	100
86) p-Isopropyltoluene	13.730	119	1591872	54.561	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	753380	50.741	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	732066	49.936	ug/l	99
89) n-Butylbenzene	14.060	91	1301819	57.656	ug/l	99
90) Hexachloroethane	14.336	117	322351	50.009	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	744414	50.550	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	108832	48.896	ug/l	97
93) 1,2,4-Trichlorobenzene	15.371	180	235621	49.850	ug/l	99
94) Hexachlorobutadiene	15.465	225	148224	49.809	ug/l	98
95) Naphthalene	15.589	128	922493	50.884	ug/l	100
96) 1,2,3-Trichlorobenzene	15.754	180	214948	48.950	ug/l	98

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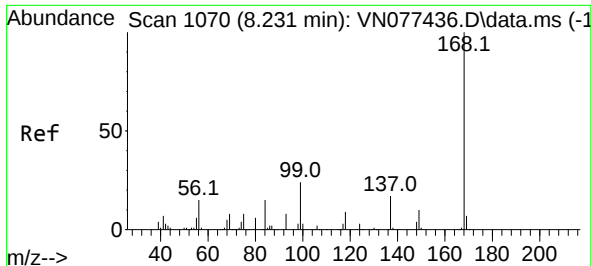
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/25/2023

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Quant Title : SW846 8260
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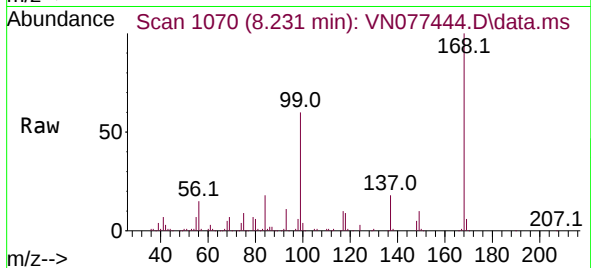
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077444.D
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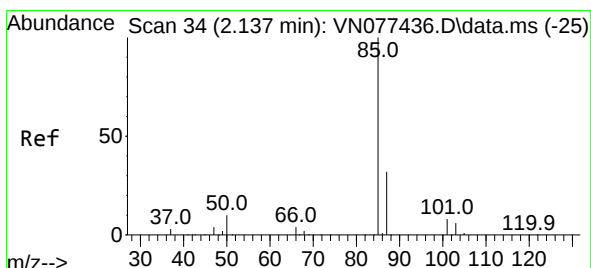
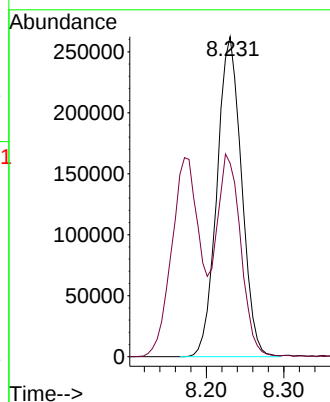
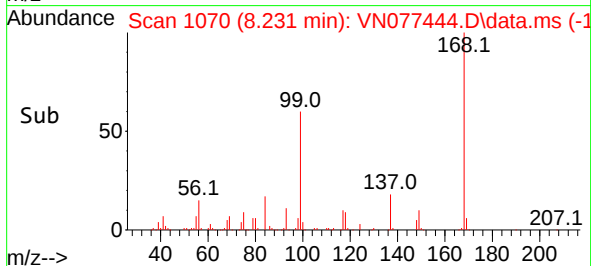
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



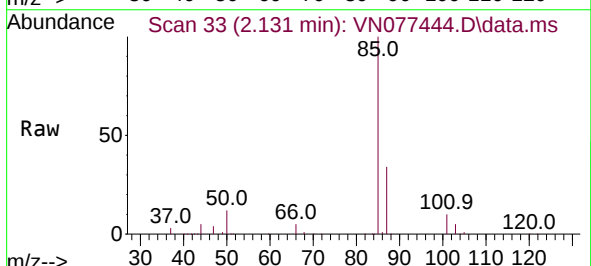
Tgt Ion:168 Resp: 57677
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6

Manual Integrations
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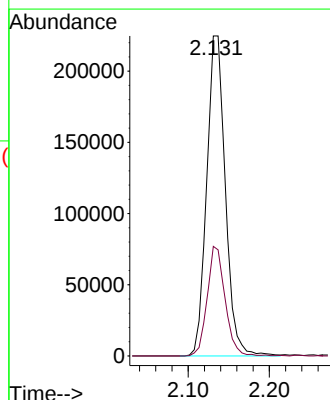
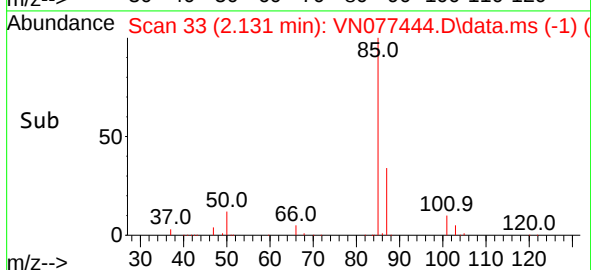
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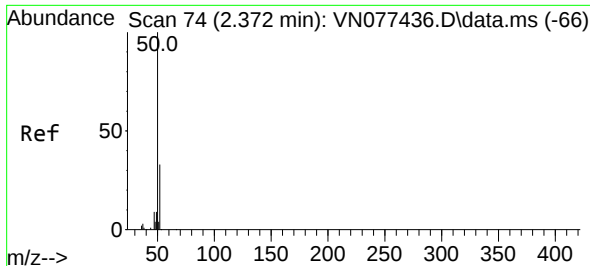


#2
Dichlorodifluoromethane
Concen: 48.708 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16



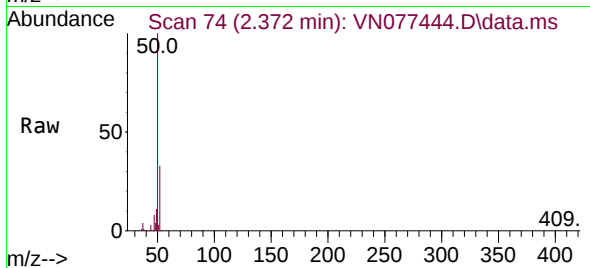
Tgt Ion: 85 Resp: 358565
Ion Ratio Lower Upper
85 100
87 34.3 15.8 47.4





#3
Chloromethane
Concen: 49.136 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

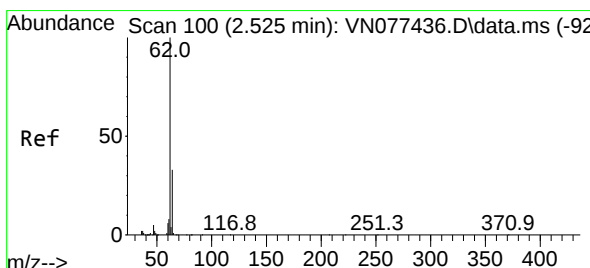
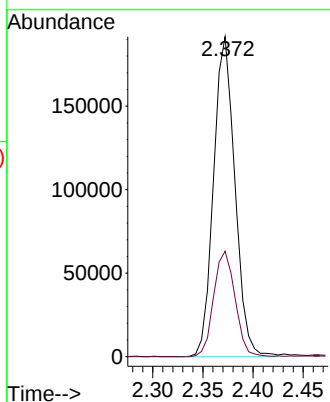
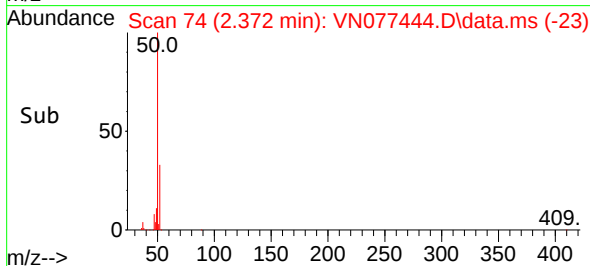
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 284085
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

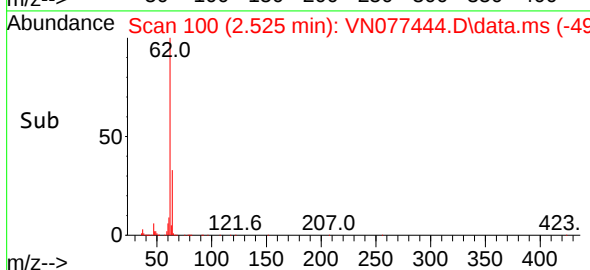
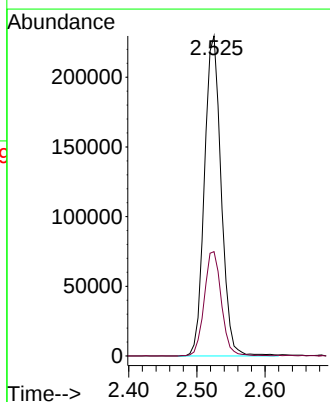
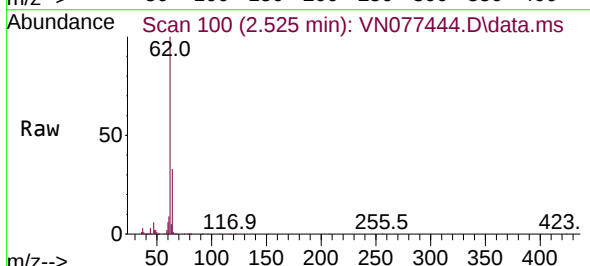
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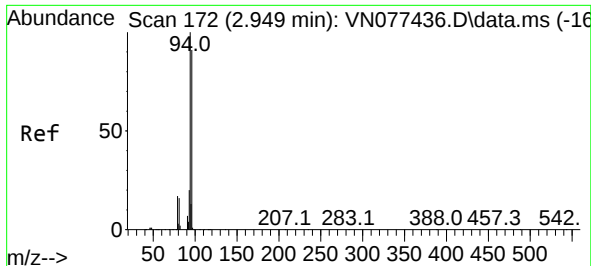
Reviewed By :John Carlone 04/25/2023
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#4
Vinyl Chloride
Concen: 50.999 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

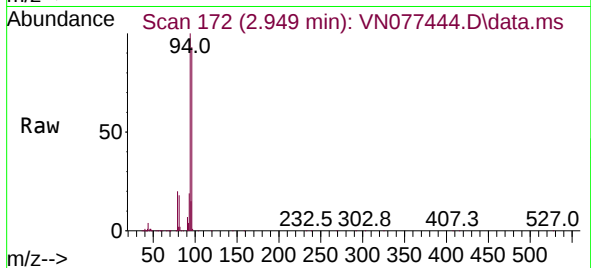
Tgt Ion: 62 Resp: 392786
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2





#5
Bromomethane
Concen: 48.406 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

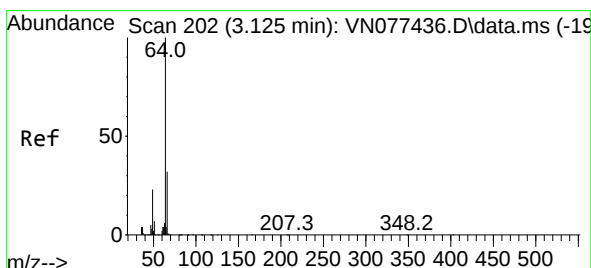
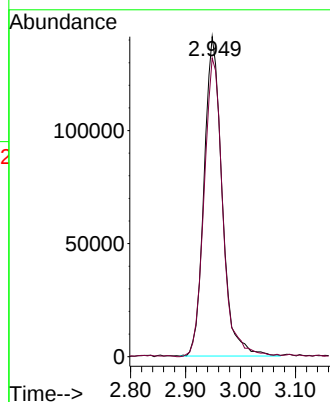
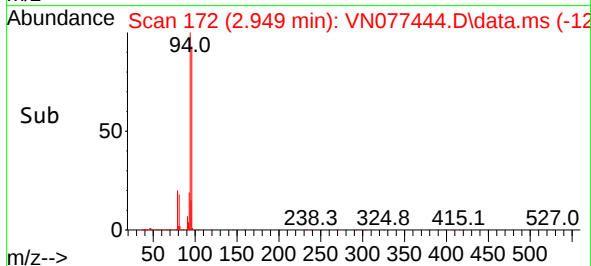
Instrument :
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Tgt Ion: 94 Resp: 322944
Ion Ratio Lower Upper
94 100
96 93.5 73.1 109.7

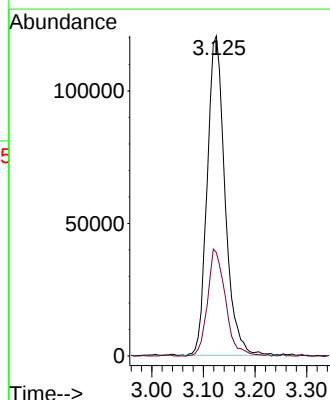
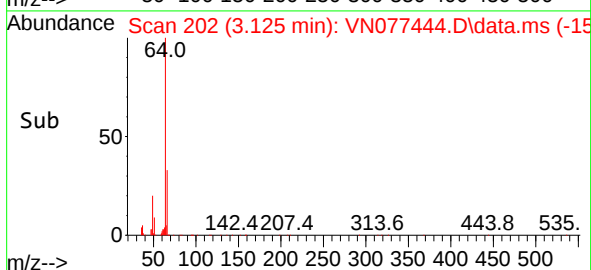
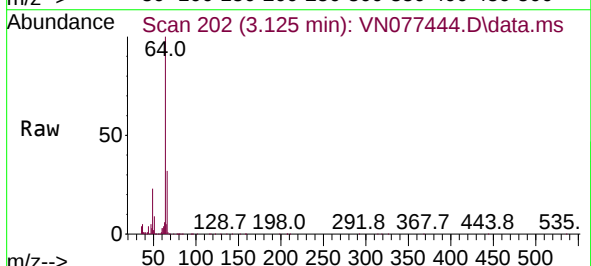
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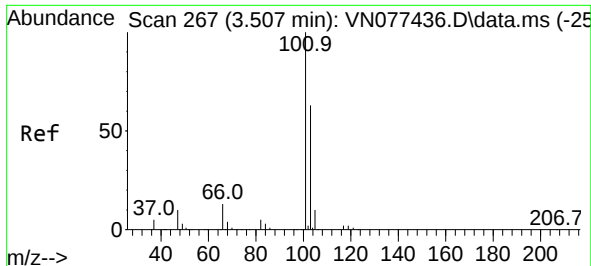
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#6
Chloroethane
Concen: 49.335 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion: 64 Resp: 288681
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.2





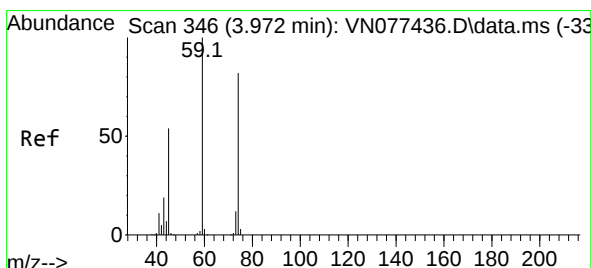
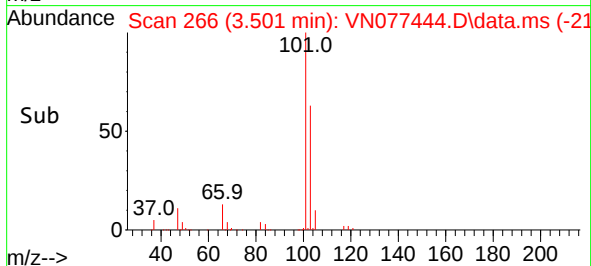
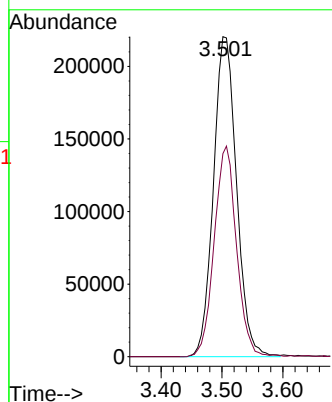
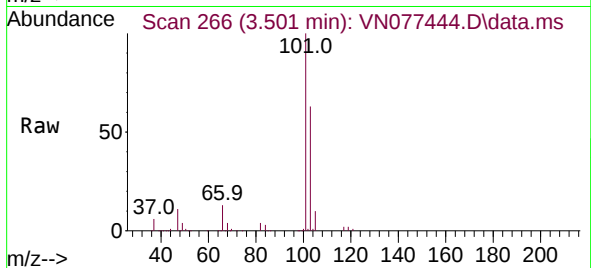
#7
Trichlorofluoromethane
Concen: 51.334 ug/l
RT: 3.501 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 581110
Ion Ratio Lower Upper
101 100
103 63.5 50.7 76.1

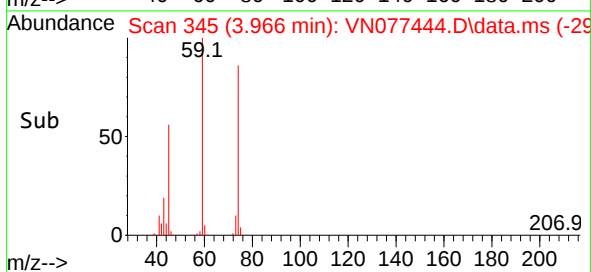
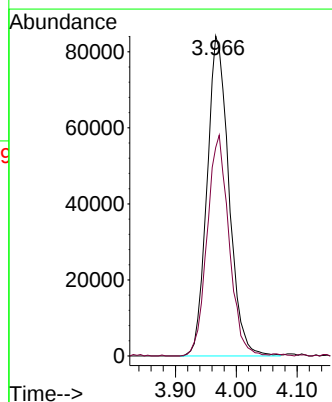
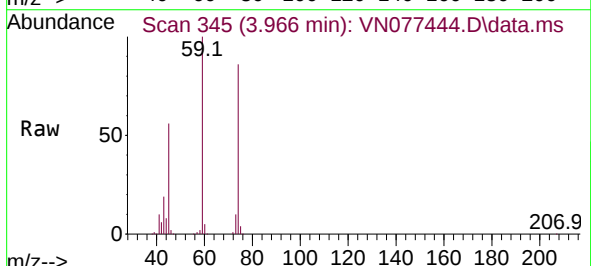
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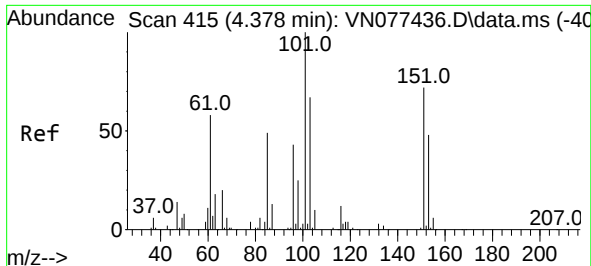
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#8
Diethyl Ether
Concen: 50.997 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion: 74 Resp: 209778
Ion Ratio Lower Upper
74 100
45 69.1 34.4 103.3





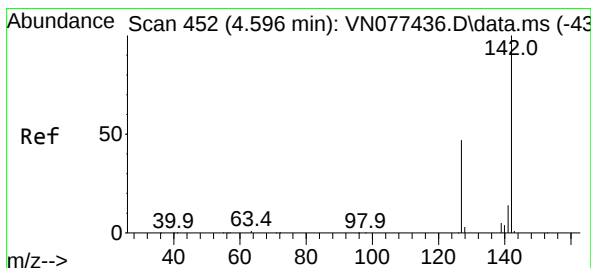
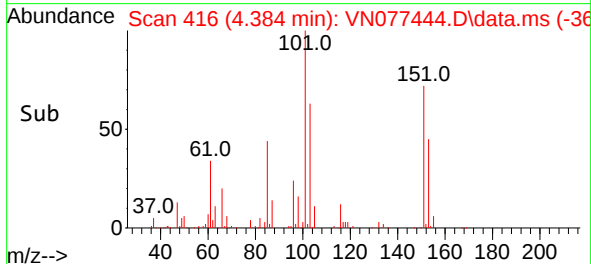
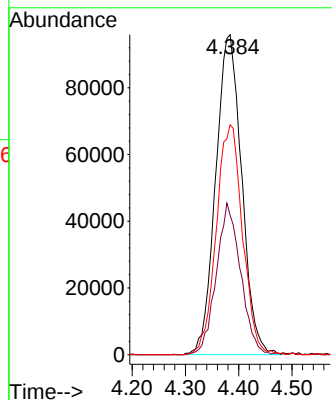
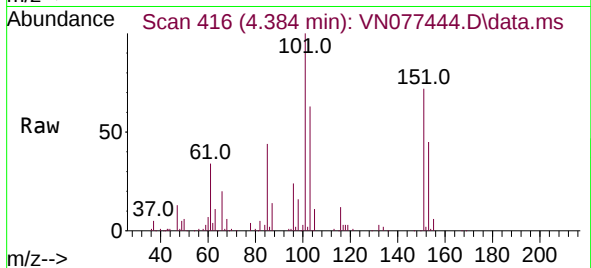
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.441 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 32549
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 72.5 57.6 86.4

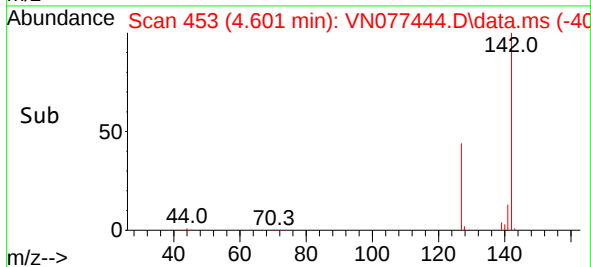
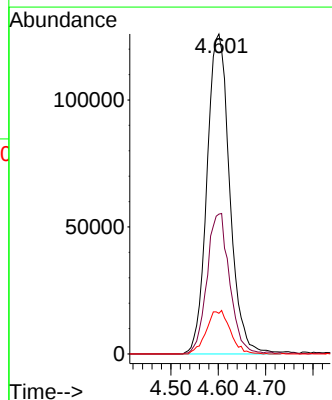
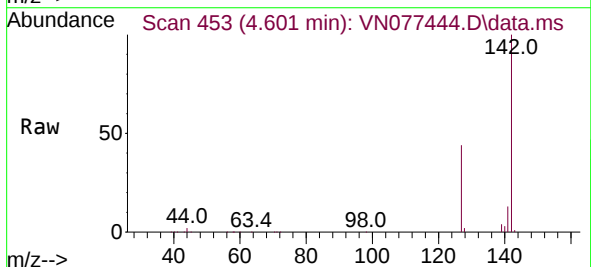
Manual Integrations
APPROVED

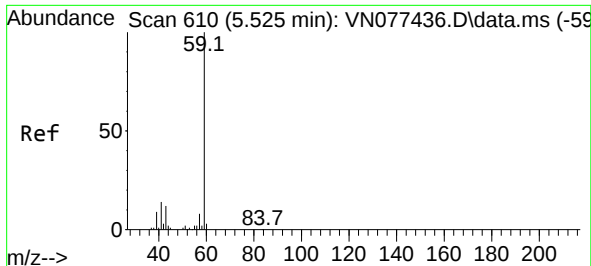
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#10
Methyl Iodide
Concen: 51.890 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion:142 Resp: 419700
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 12.7 11.4 17.0





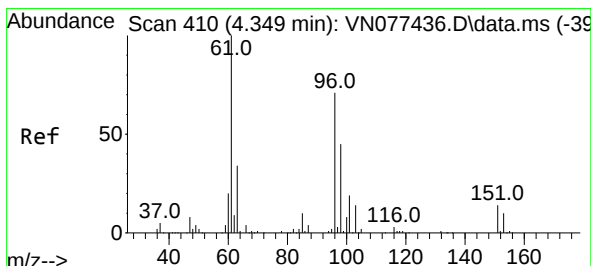
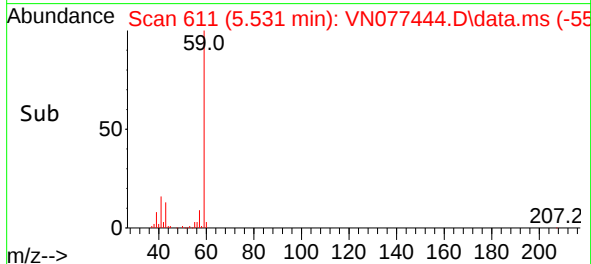
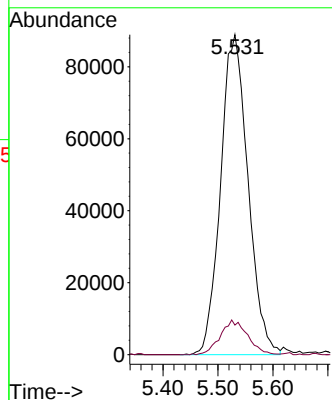
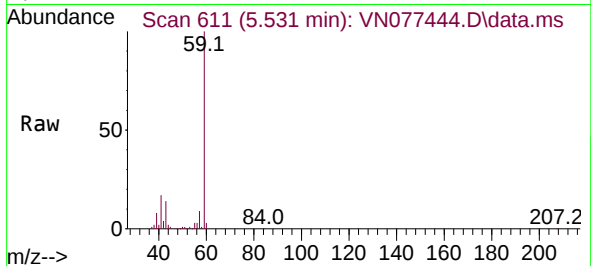
#11
Tert butyl alcohol
Concen: 255.038 ug/l
RT: 5.531 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 30814
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

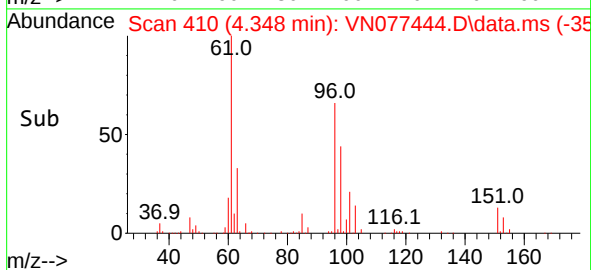
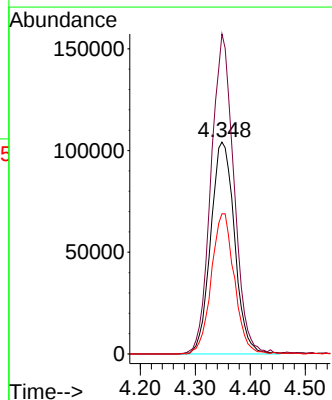
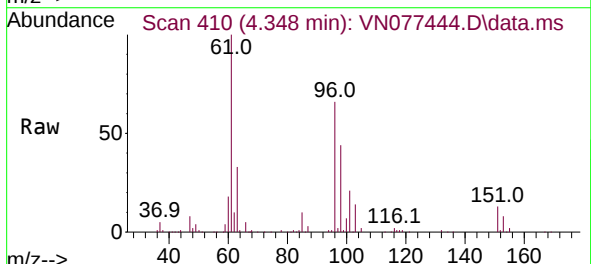
Manual Integrations
APPROVED

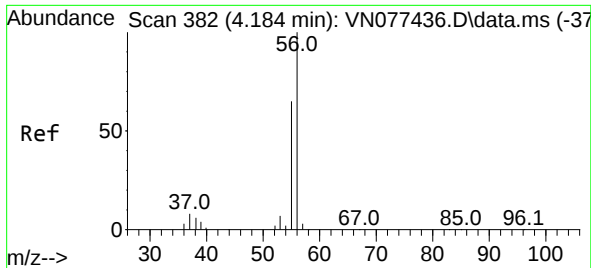
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#12
1,1-Dichloroethene
Concen: 48.850 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

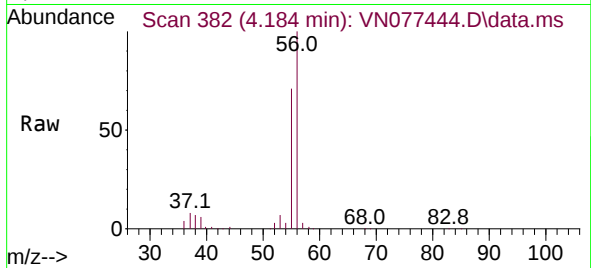
Tgt Ion: 96 Resp: 314423
Ion Ratio Lower Upper
96 100
61 150.9 112.7 169.1
98 66.1 51.2 76.8





#13
Acrolein
Concen: 235.993 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

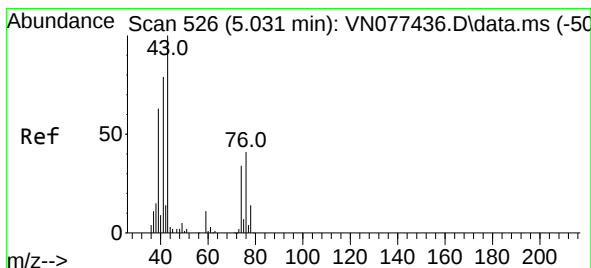
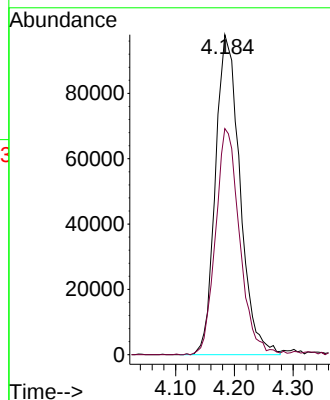
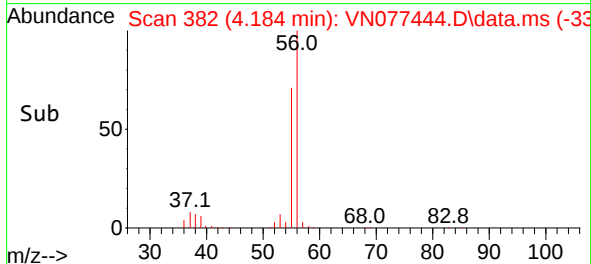
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 283640
Ion Ratio Lower Upper
56 100
55 69.5 54.5 81.7

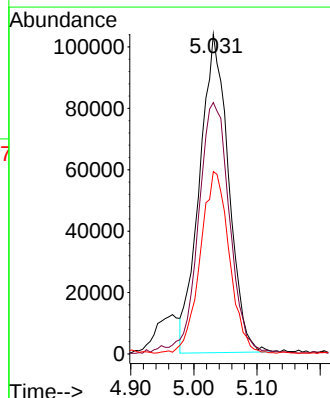
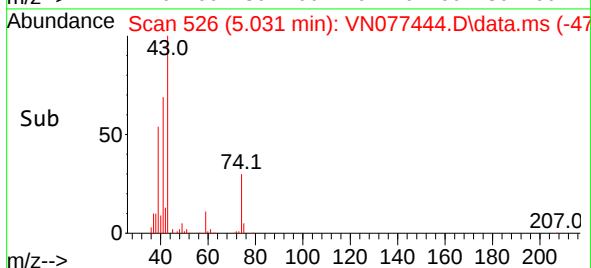
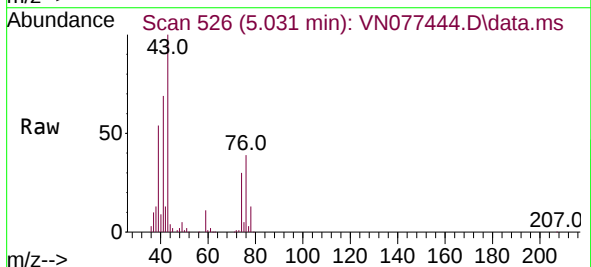
Manual Integrations
APPROVED

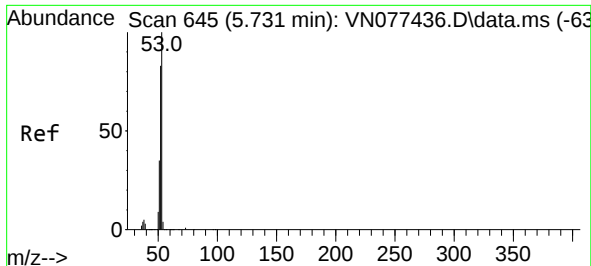
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#14
Allyl chloride
Concen: 46.323 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

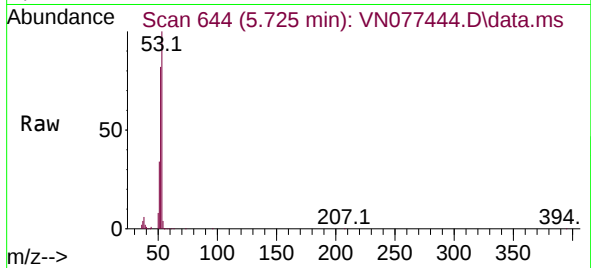
Tgt Ion: 41 Resp: 331494
Ion Ratio Lower Upper
41 100
39 85.9 58.8 88.2
76 57.0 39.1 58.7





#15
Acrylonitrile
Concen: 271.066 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

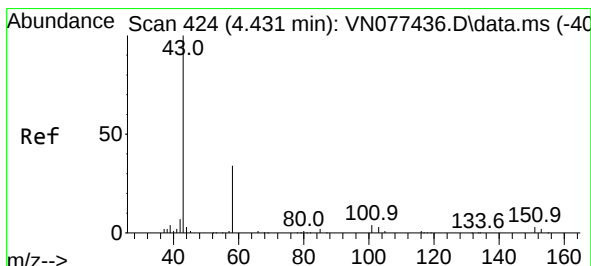
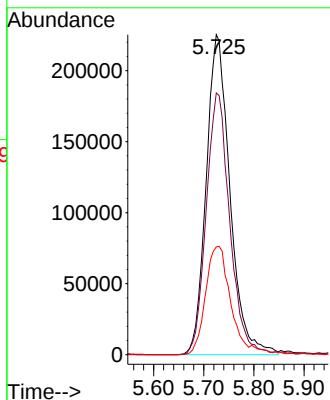
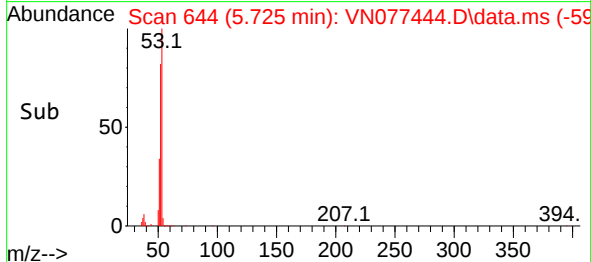
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 742968
Ion Ratio Lower Upper
53 100
52 80.9 65.3 97.9
51 36.3 28.9 43.3

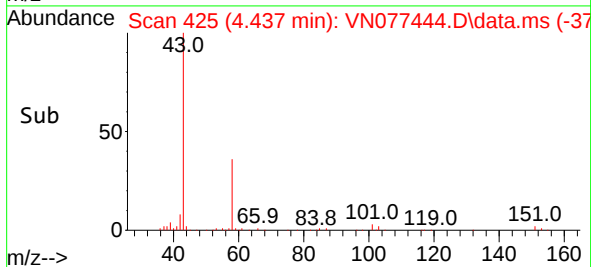
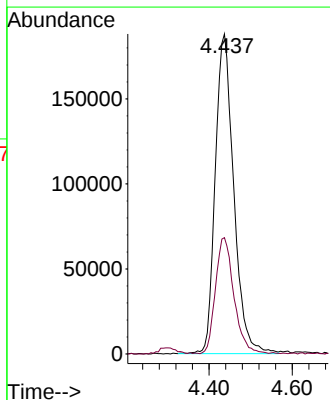
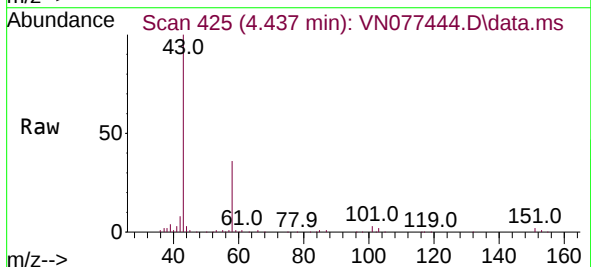
Manual Integrations
APPROVED

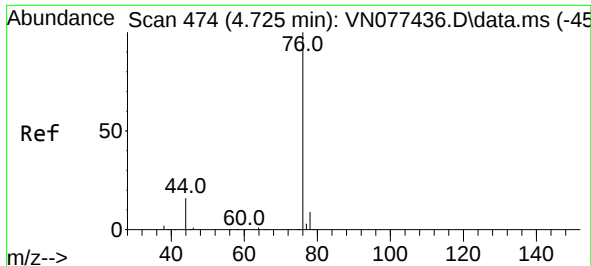
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#16
Acetone
Concen: 242.053 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

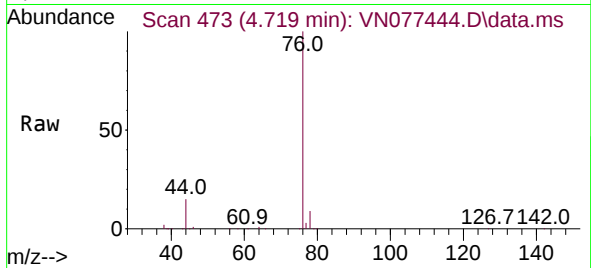
Tgt Ion: 43 Resp: 579568
Ion Ratio Lower Upper
43 100
58 36.2 28.0 42.0





#17
Carbon Disulfide
Concen: 48.370 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

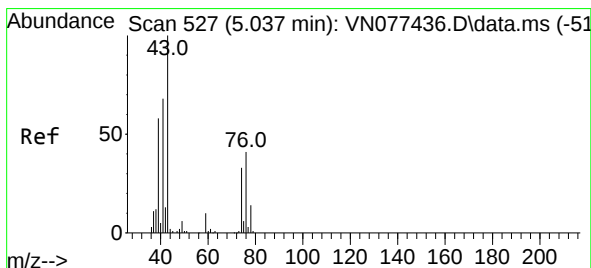
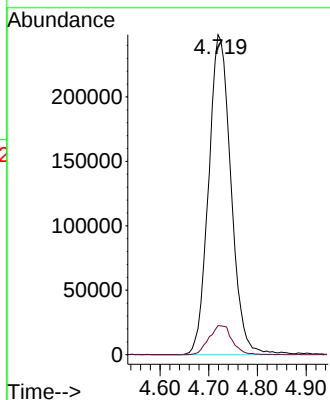
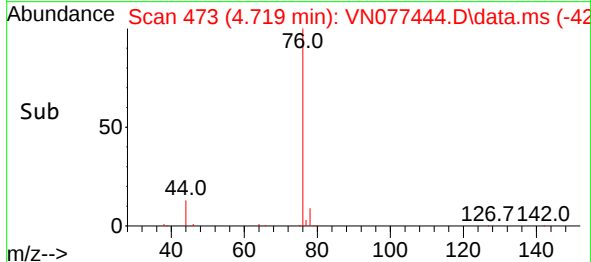
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 79111
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

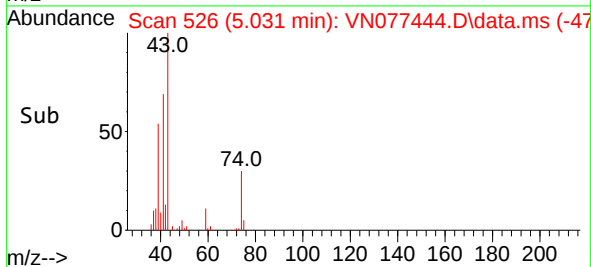
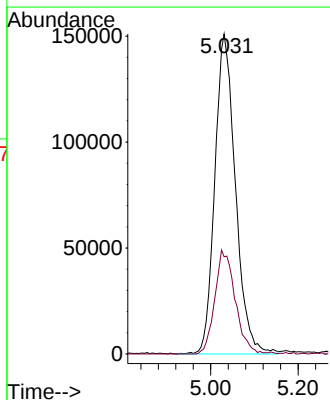
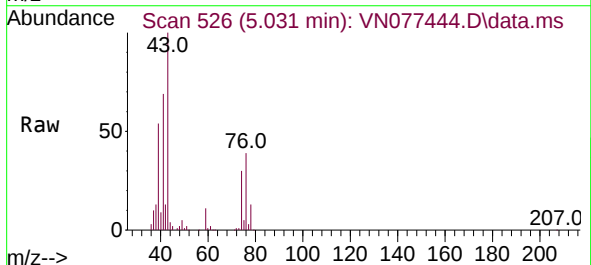
Manual Integrations
APPROVED

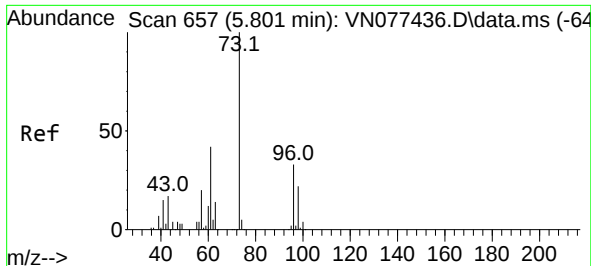
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#18
Methyl Acetate
Concen: 53.339 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

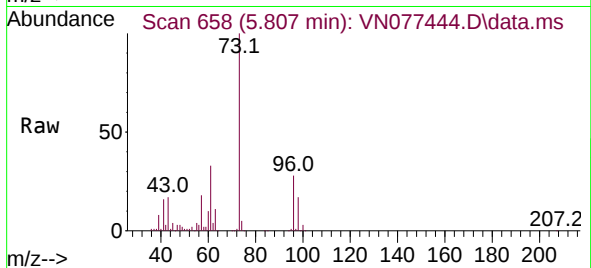
Tgt Ion: 43 Resp: 493198
Ion Ratio Lower Upper
43 100
74 32.1 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 52.176 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

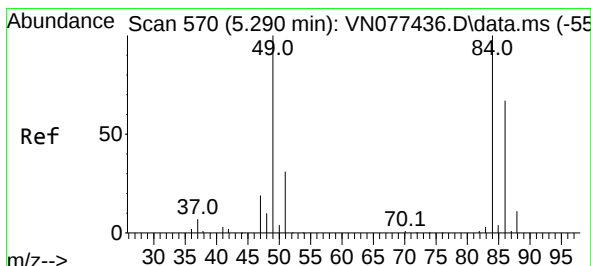
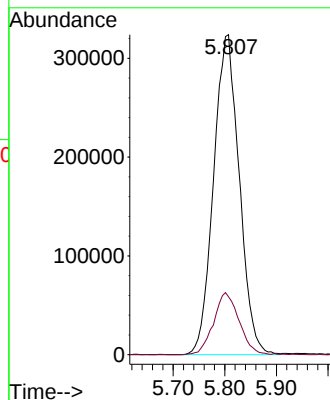
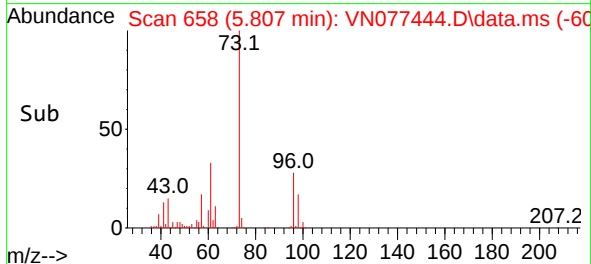
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 1116874
Ion Ratio Lower Upper
73 100
57 18.1 15.6 23.4

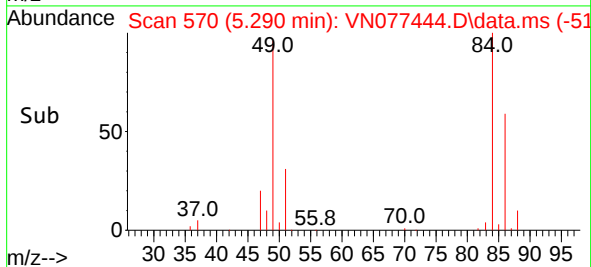
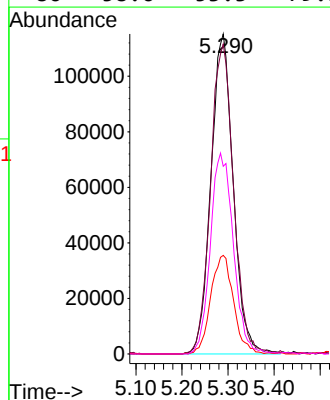
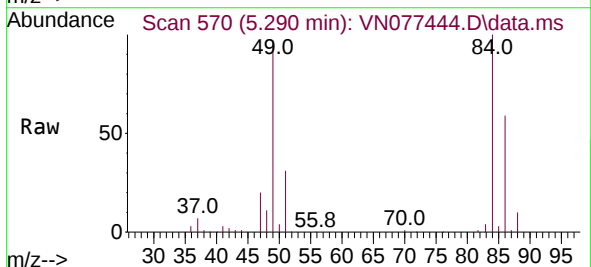
Manual Integrations
APPROVED

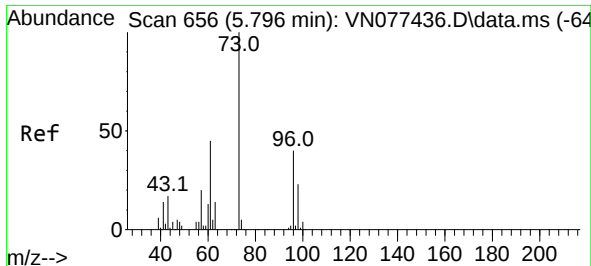
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#20
Methylene Chloride
Concen: 51.045 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

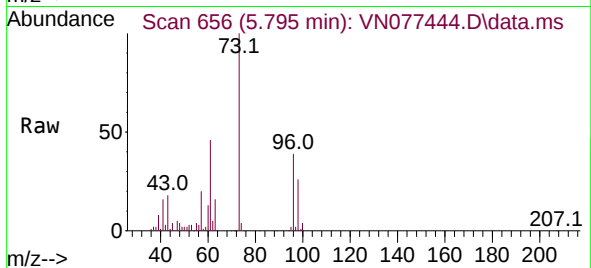
Tgt Ion: 84 Resp: 387601
Ion Ratio Lower Upper
84 100
49 96.9 79.7 119.5
51 30.8 25.2 37.8
86 58.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 50.019 ug/l
RT: 5.795 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

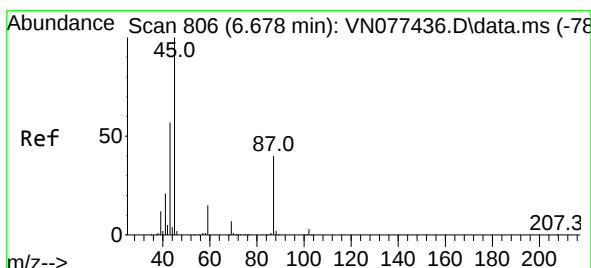
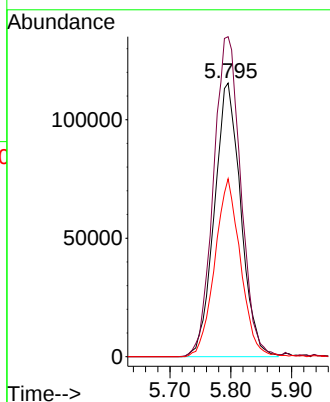
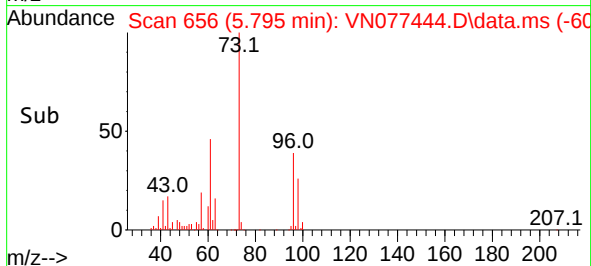
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



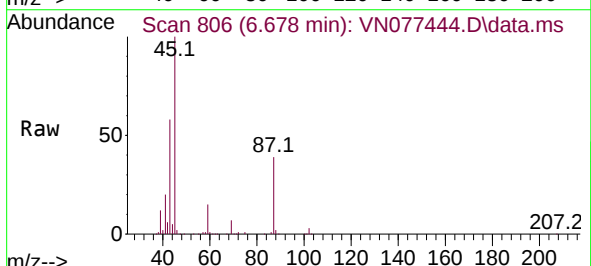
Tgt Ion: 96 Resp: 34813
Ion Ratio Lower Upper
96 100
61 117.0 90.1 135.1
98 65.0 46.4 69.6

Manual Integrations
APPROVED

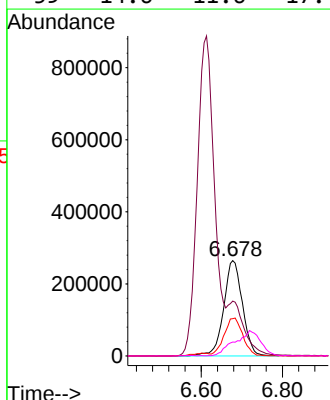
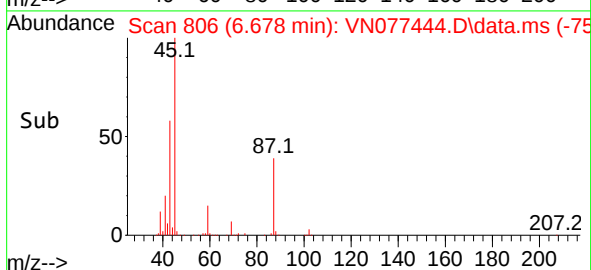
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

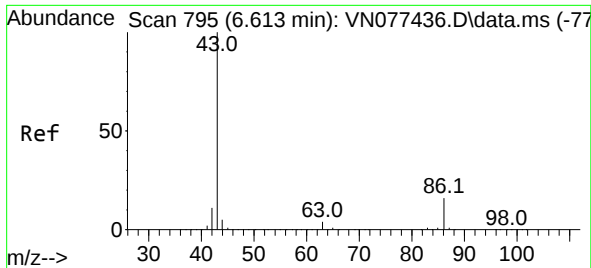


#22
Diisopropyl ether
Concen: 51.755 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16



Tgt Ion: 45 Resp: 850007
Ion Ratio Lower Upper
45 100
43 57.2 45.5 68.3
87 38.9 31.8 47.8
59 14.6 11.6 17.4





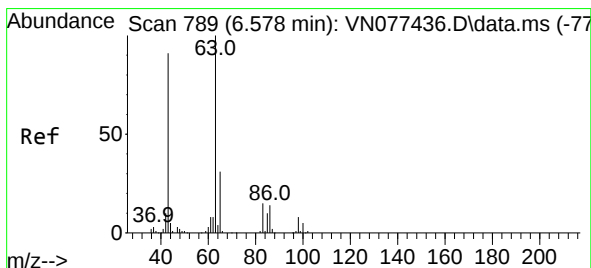
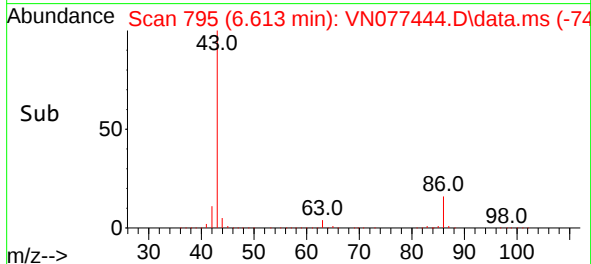
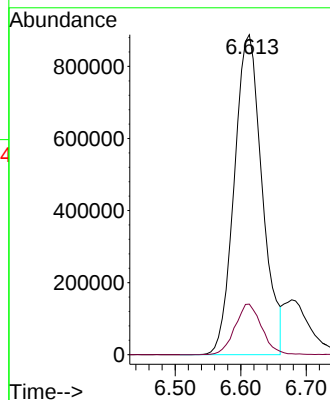
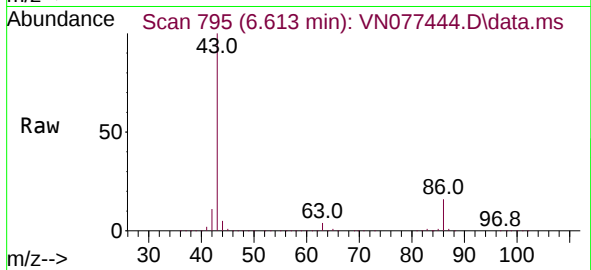
#23
 Vinyl Acetate
 Concen: 256.248 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077444.D
 Acq: 25 Apr 2023 03:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2628328
 Ion Ratio Lower Upper
 43 100
 86 15.8 13.0 19.6

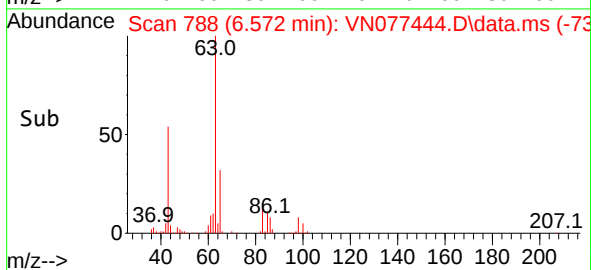
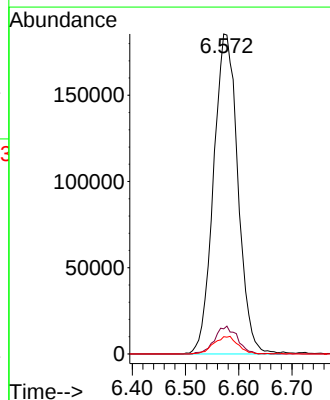
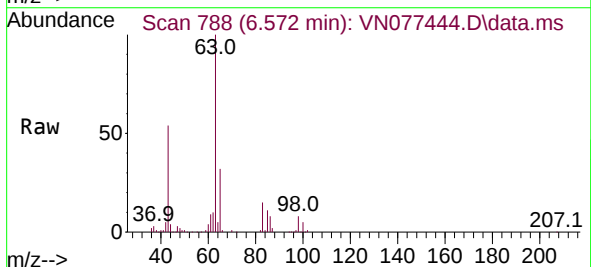
Manual Integrations
 APPROVED

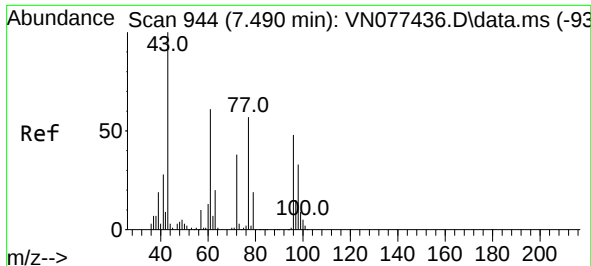
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#24
 1,1-Dichloroethane
 Concen: 50.699 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077444.D
 Acq: 25 Apr 2023 03:16

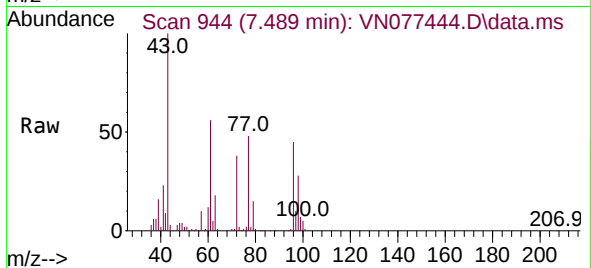
Tgt Ion: 63 Resp: 589410
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 5.4 2.5 7.4





#25
2-Butanone
Concen: 261.037 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

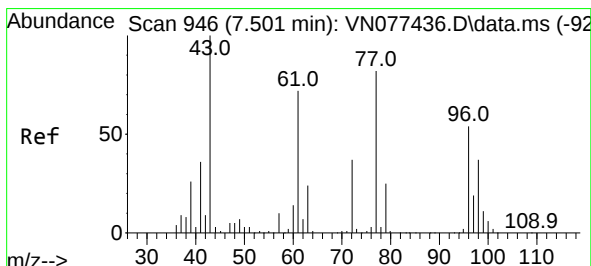
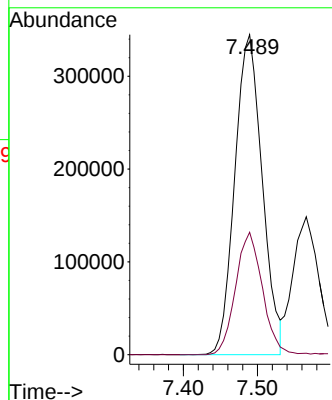
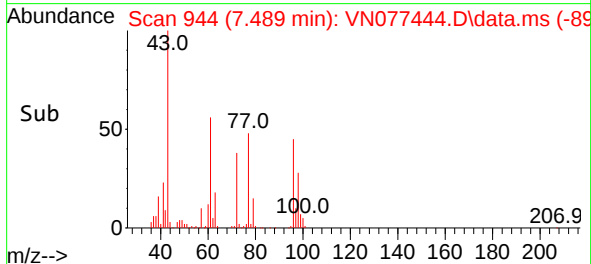
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



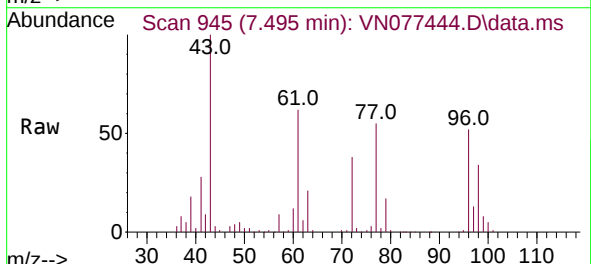
Tgt Ion: 43 Resp: 886494
Ion Ratio Lower Upper
43 100
72 38.2 30.2 45.2

Manual Integrations
APPROVED

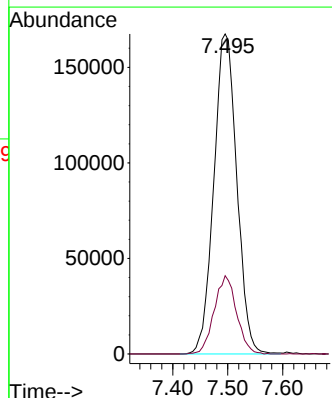
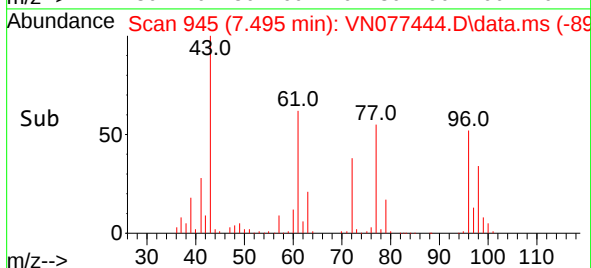
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

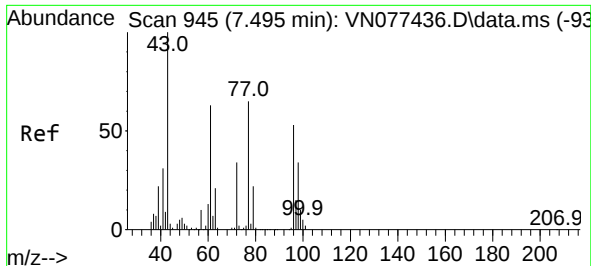


#26
2,2-Dichloropropane
Concen: 43.227 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16



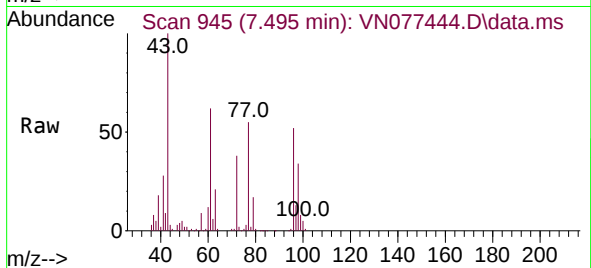
Tgt Ion: 77 Resp: 487280
Ion Ratio Lower Upper
77 100
97 23.7 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 50.849 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

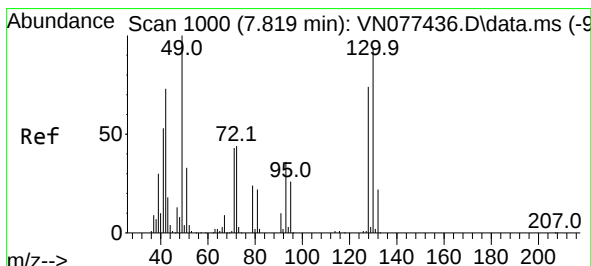
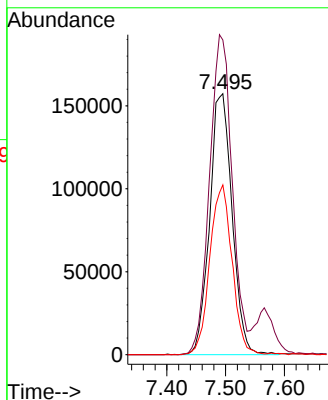
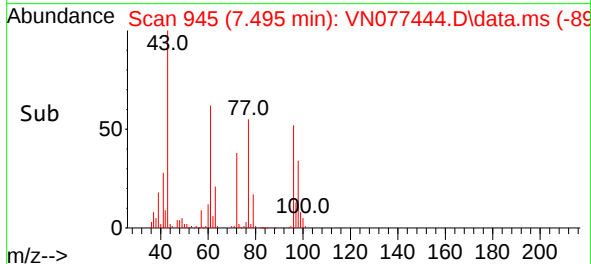
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 41914
Ion Ratio Lower Upper
96 100
61 124.4 0.0 255.2
98 64.3 0.0 128.8

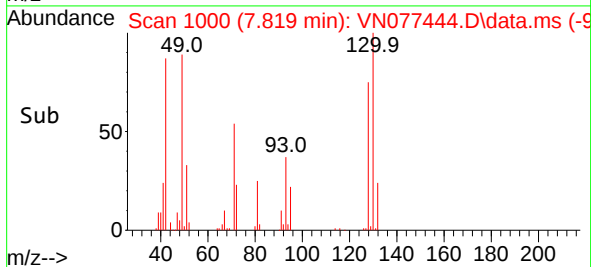
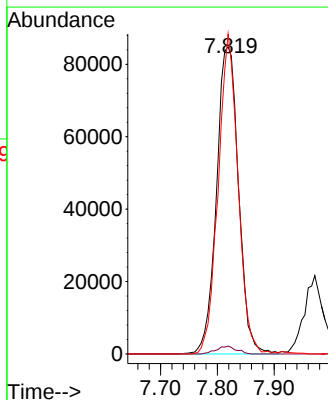
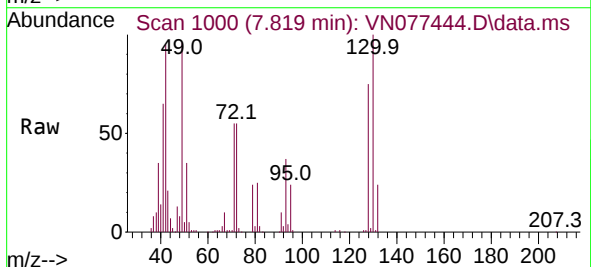
Manual Integrations
APPROVED

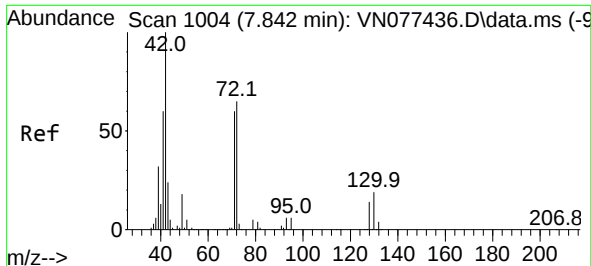
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#28
Bromochloromethane
Concen: 51.571 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion: 49 Resp: 228954
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 93.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 271.061 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

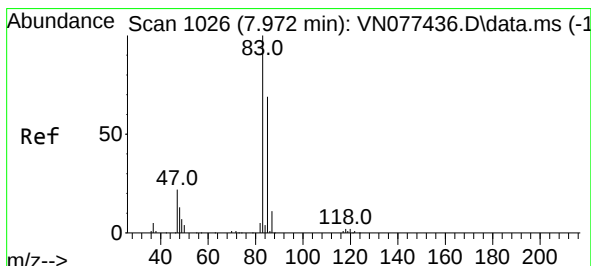
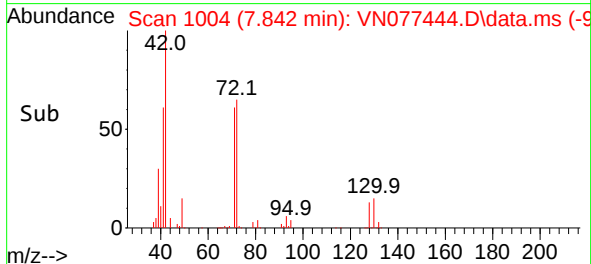
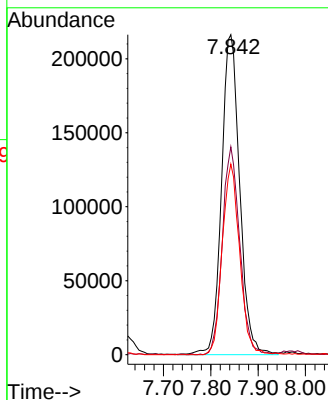
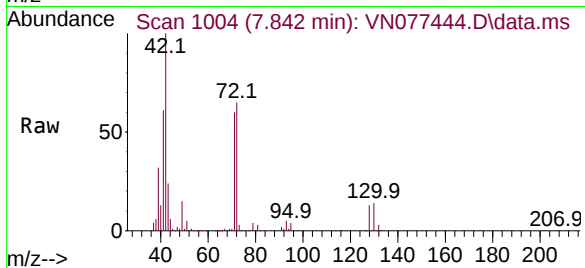
Tgt Ion: 42 Resp: 57676
 Ion Ratio Lower Upper
 42 100
 72 62.0 49.8 74.6
 71 56.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#30

Chloroform

Concen: 52.402 ug/l

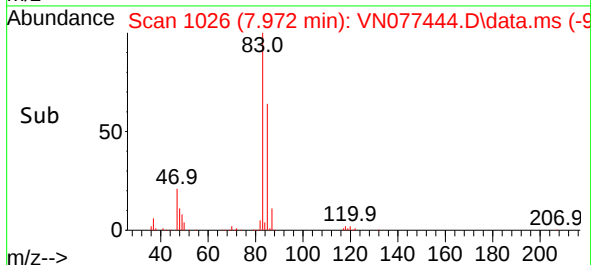
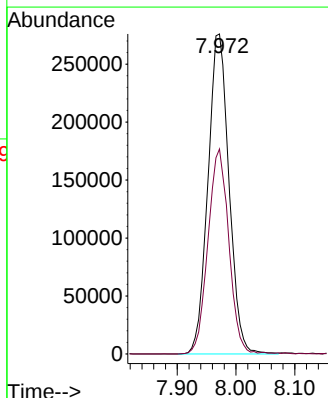
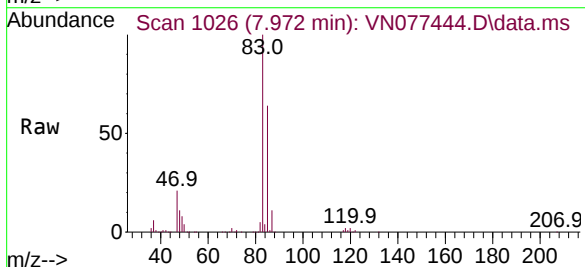
RT: 7.972 min Scan# 1026

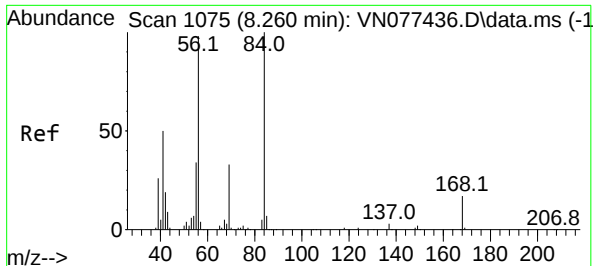
Delta R.T. -0.000 min

Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

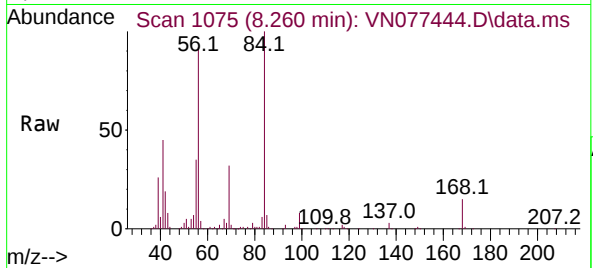
Tgt Ion: 83 Resp: 686564
 Ion Ratio Lower Upper
 83 100
 85 64.1 55.4 83.0





#31
Cyclohexane
Concen: 46.558 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

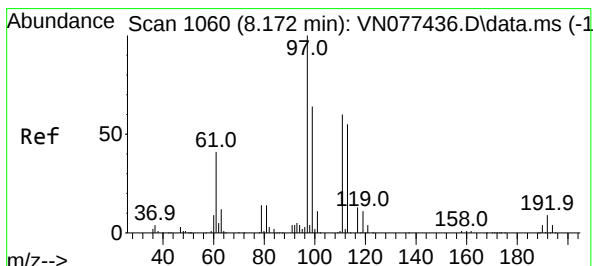
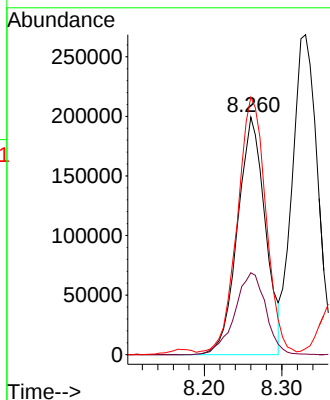
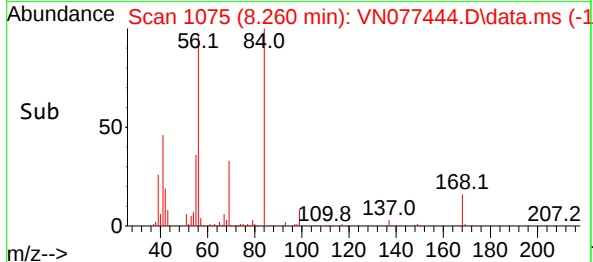
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 496379
Ion Ratio Lower Upper
56 100
69 34.5 26.8 40.2
84 106.1 81.8 122.6

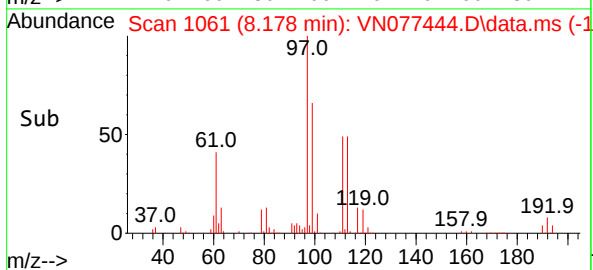
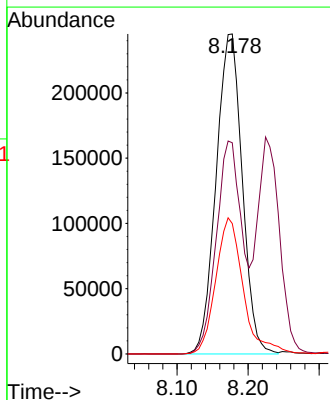
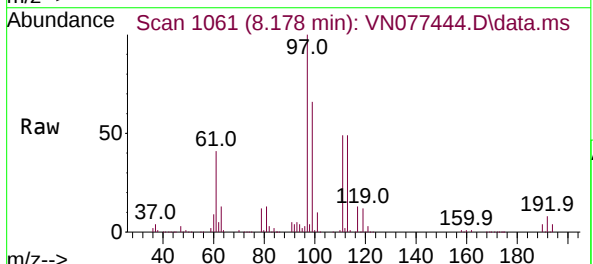
Manual Integrations
APPROVED

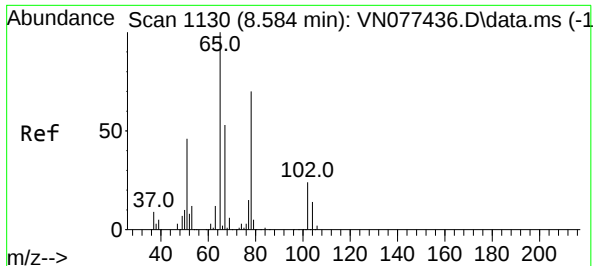
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#32
1,1,1-Trichloroethane
Concen: 52.016 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion: 97 Resp: 626562
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 44.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.408 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 386909

Ion Ratio Lower Upper

65 100

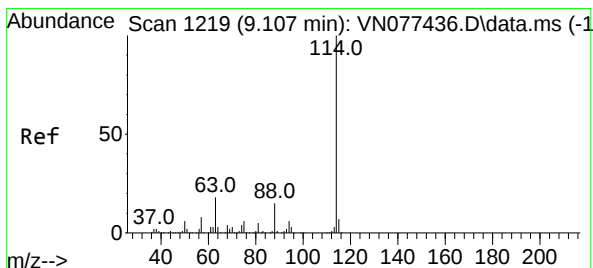
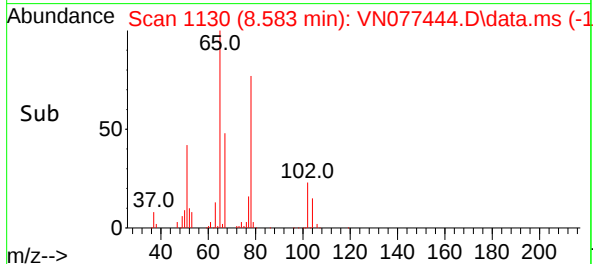
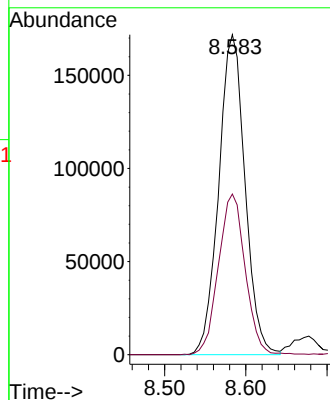
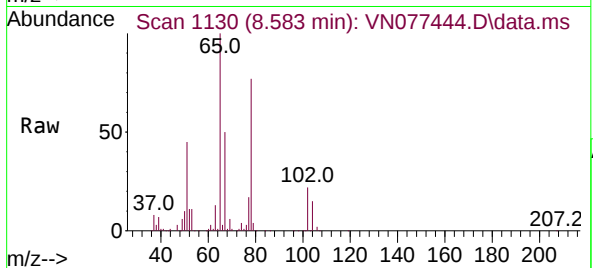
67 51.1 0.0 106.6

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: VN077444.D

Acq: 25 Apr 2023 03:16

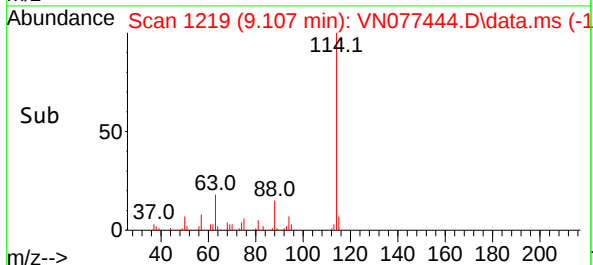
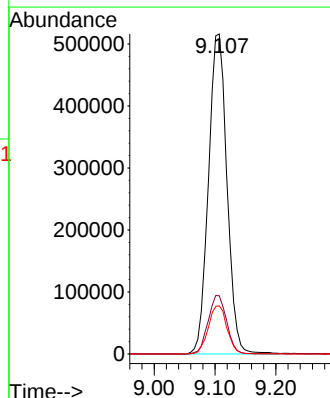
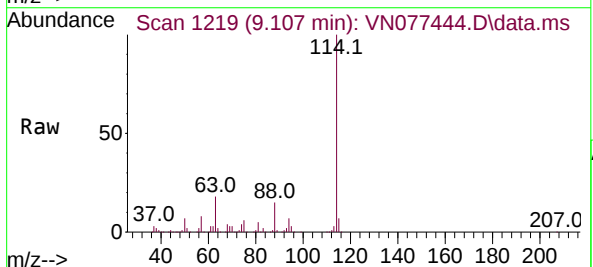
Tgt Ion:114 Resp: 1089780

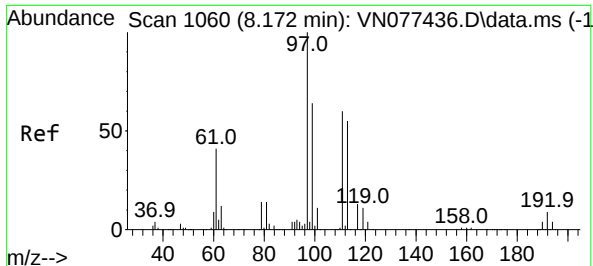
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.351 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 32325

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

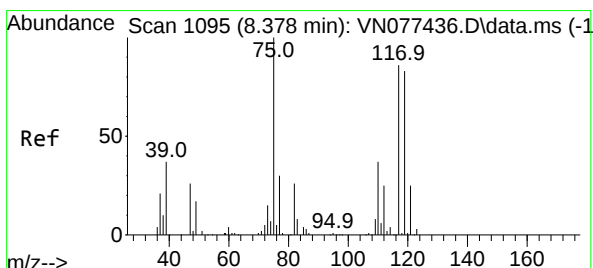
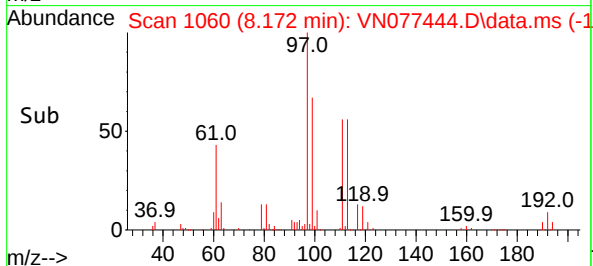
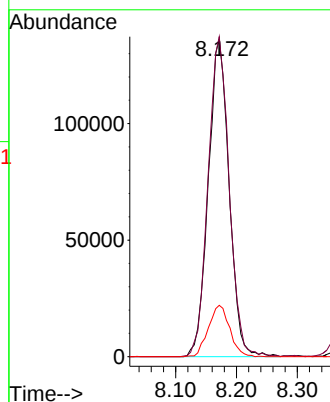
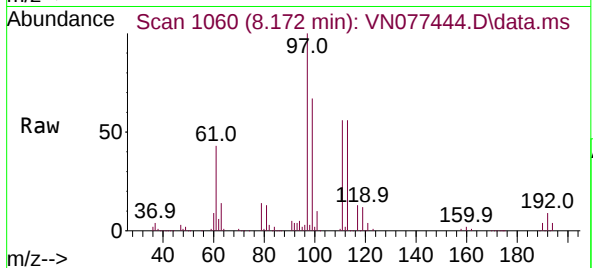
192 16.6 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#36

1,1-Dichloropropene

Concen: 51.970 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

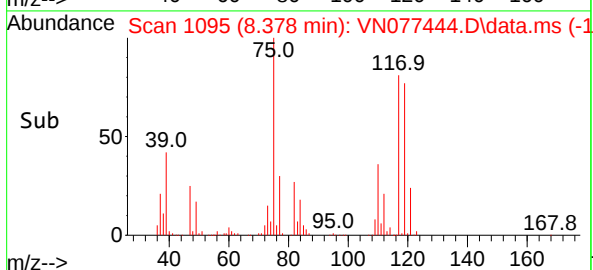
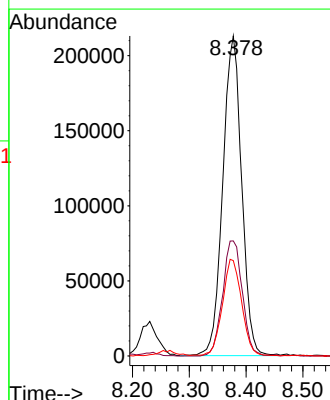
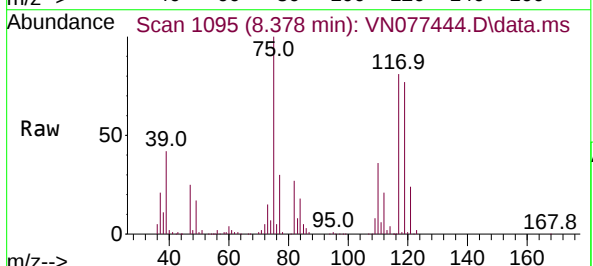
Tgt Ion: 75 Resp: 491785

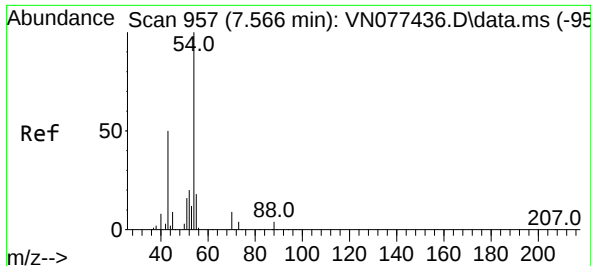
Ion Ratio Lower Upper

75 100

110 37.5 19.1 57.3

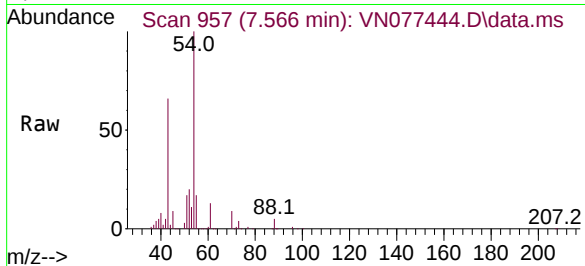
77 31.0 25.0 37.4





#37
Ethyl Acetate
Concen: 52.934 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

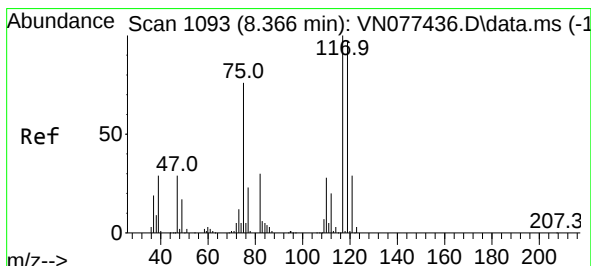
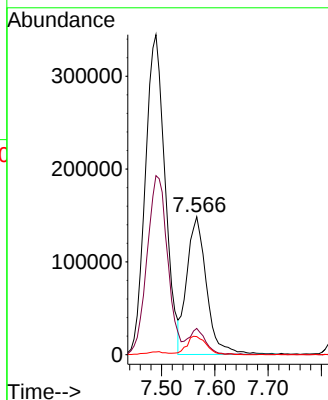
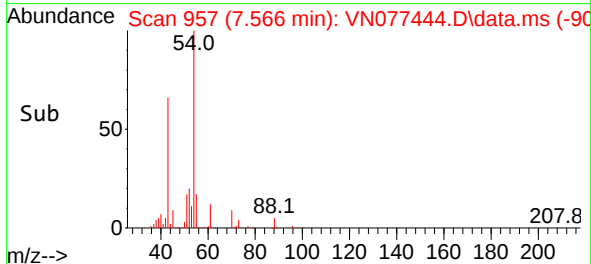
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 38063
Ion Ratio Lower Upper
43 100
61 15.4 13.2 19.8
70 13.6 11.3 16.9

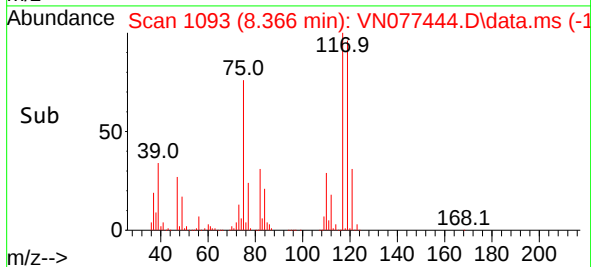
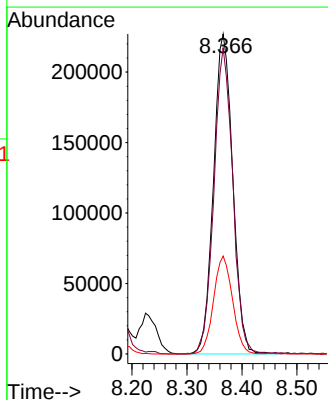
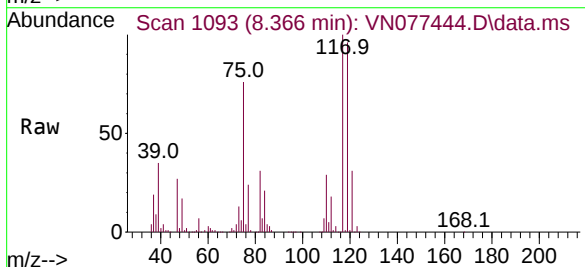
Manual Integrations
APPROVED

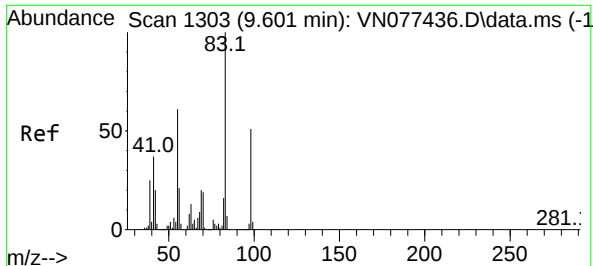
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#38
Carbon Tetrachloride
Concen: 52.916 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion:117 Resp: 552481
Ion Ratio Lower Upper
117 100
119 95.6 77.3 115.9
121 30.6 23.3 34.9





#39

Methylcyclohexane

Concen: 51.827 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN077444.D

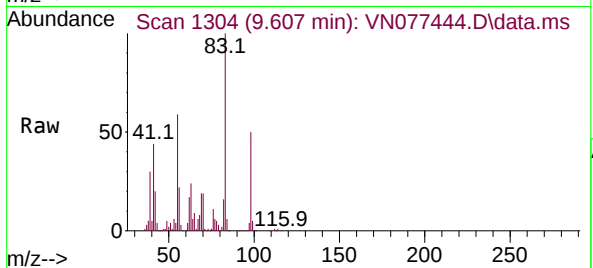
Acq: 25 Apr 2023 03:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



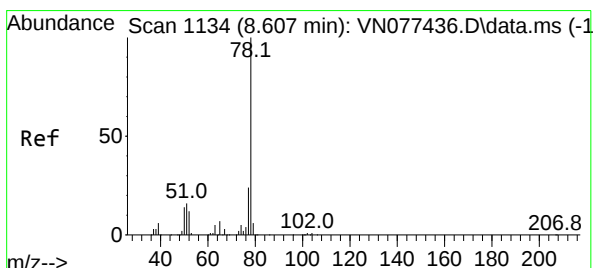
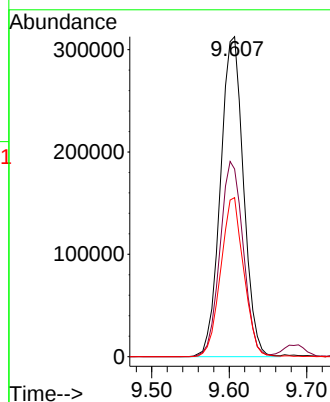
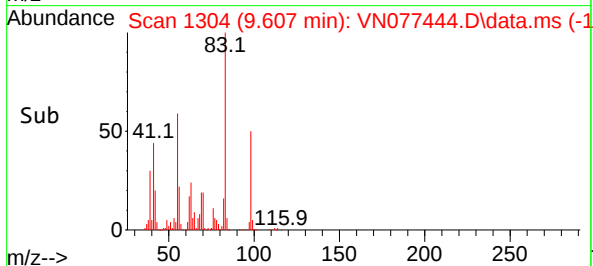
Tgt Ion: 83	Resp: 646154
Ion Ratio	Lower Upper
83	100
55	58.7 49.1 73.7
98	49.7 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#40

Benzene

Concen: 51.949 ug/l

RT: 8.613 min Scan# 1135

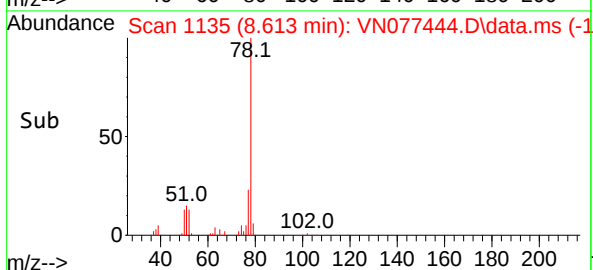
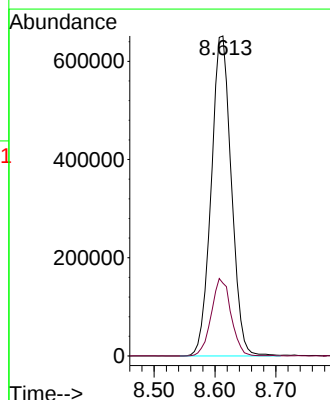
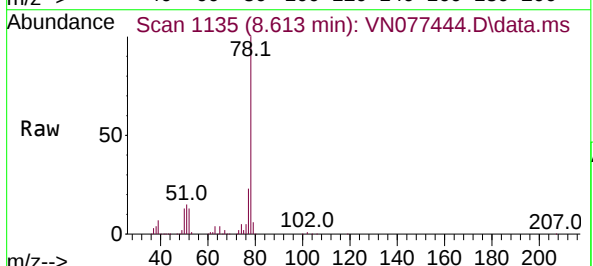
Delta R.T. 0.006 min

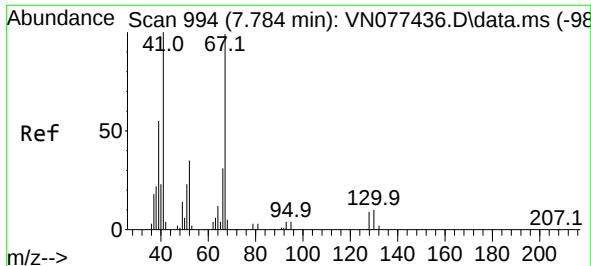
Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

Tgt Ion: 78 Resp: 1497575

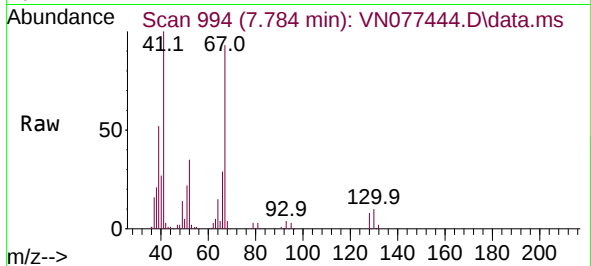
Ion Ratio	Lower Upper
78	100
77	22.8 19.0 28.6





#41
Methacrylonitrile
Concen: 47.094 ug/l m
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

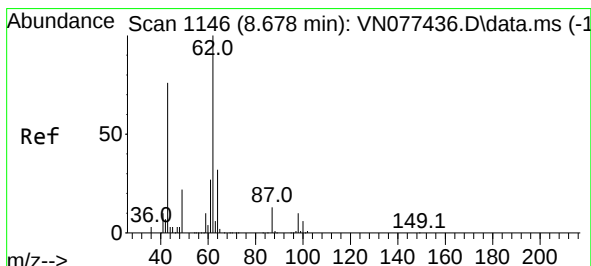
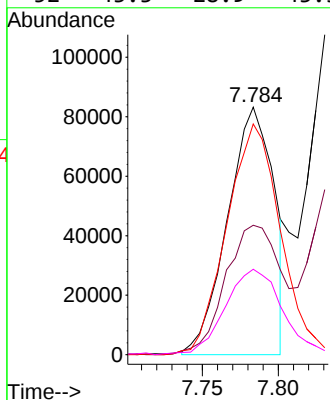
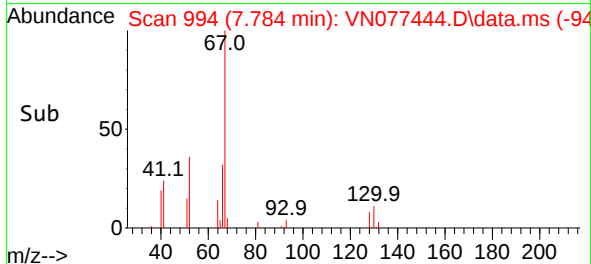
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 176374
Ion Ratio Lower Upper
41 100
39 61.6 42.6 64.0
67 109.3 77.5 116.3
52 43.3 28.9 43.3

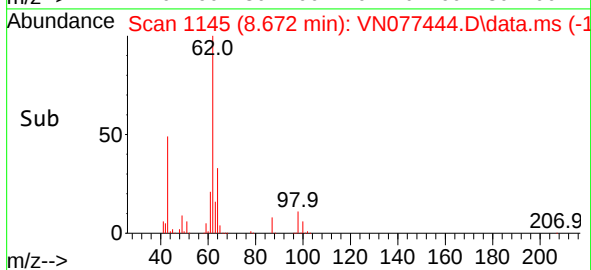
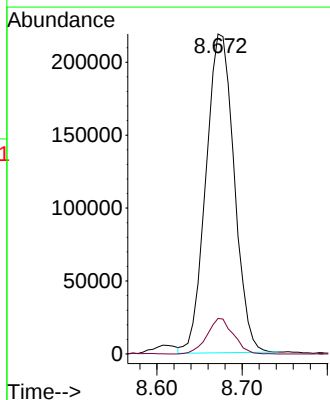
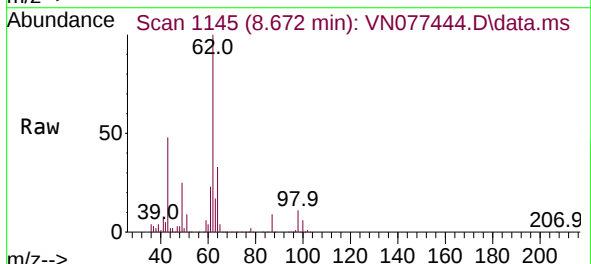
Manual Integrations
APPROVED

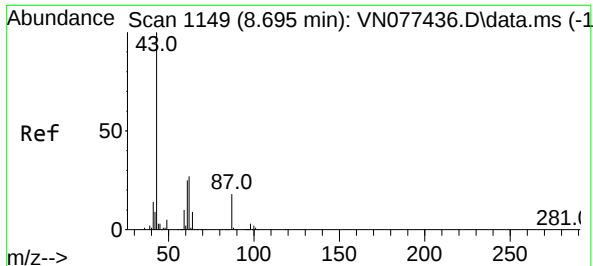
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#42
1,2-Dichloroethane
Concen: 50.872 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion: 62 Resp: 503698
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.8





#43

Isopropyl Acetate

Concen: 51.931 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

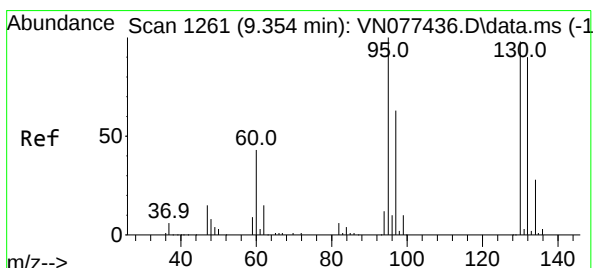
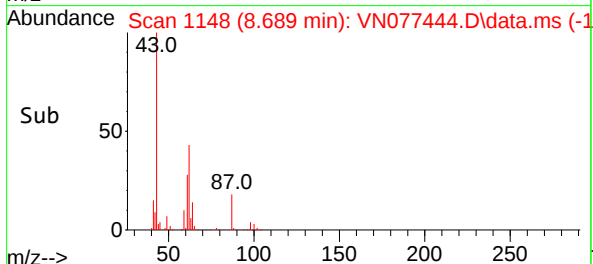
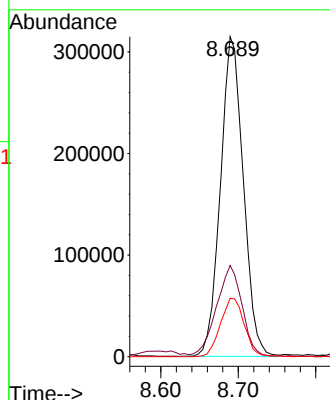
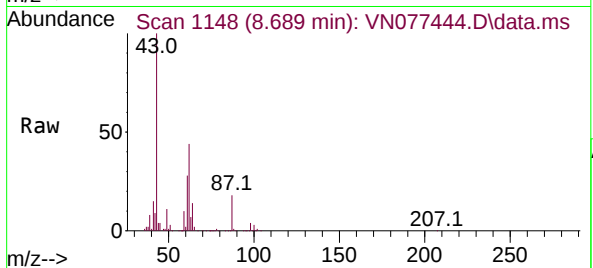
Tgt Ion: 43	Resp: 64602
Ion Ratio	Lower Upper
43	100
61	31.5 24.7 37.1
87	19.0 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#44

Trichloroethene

Concen: 52.322 ug/l

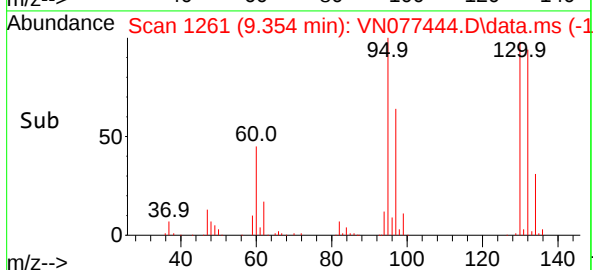
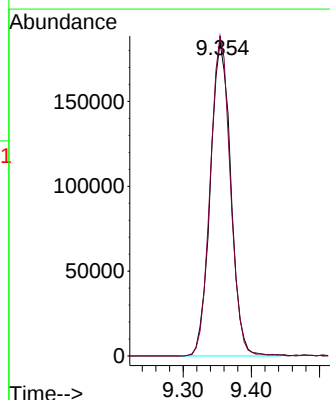
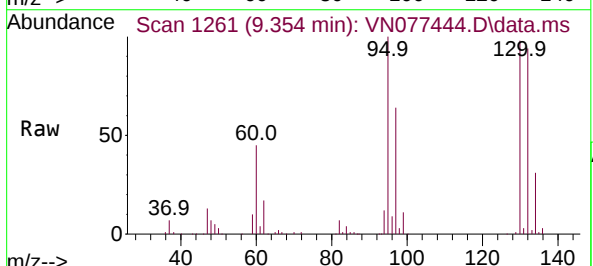
RT: 9.354 min Scan# 1261

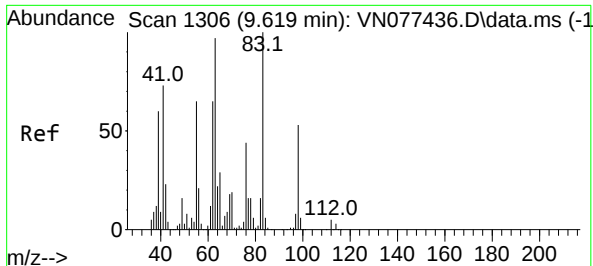
Delta R.T. -0.000 min

Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

Tgt Ion:130	Resp: 386192
Ion Ratio	Lower Upper
130	100
95	102.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.980 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 344259

Ion Ratio Lower Upper

63 100

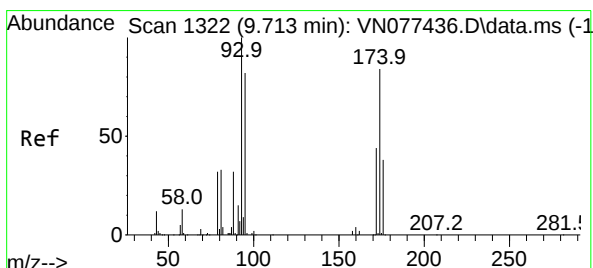
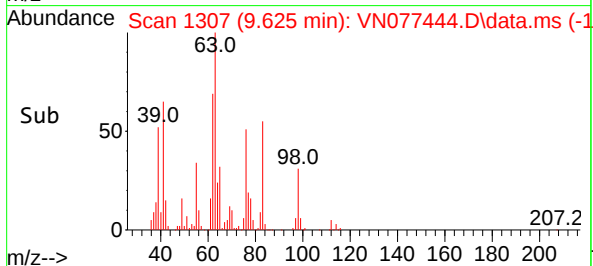
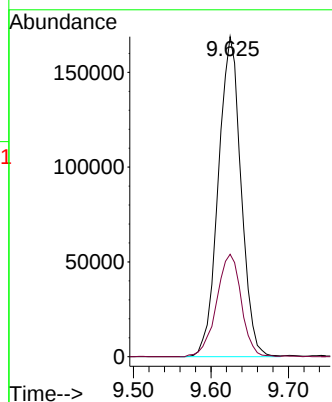
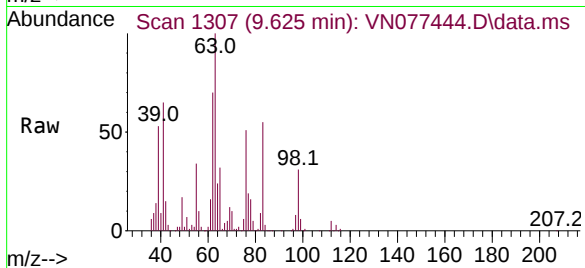
65 32.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#46

Dibromomethane

Concen: 50.005 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

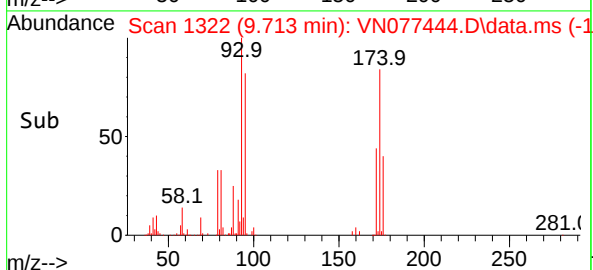
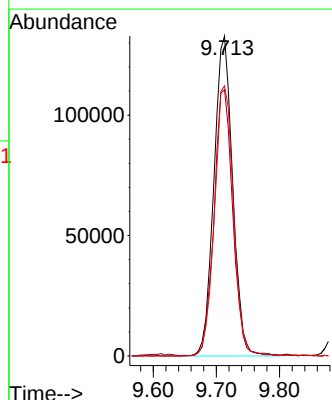
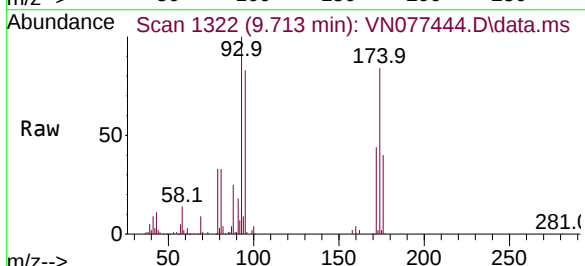
Tgt Ion: 93 Resp: 273992

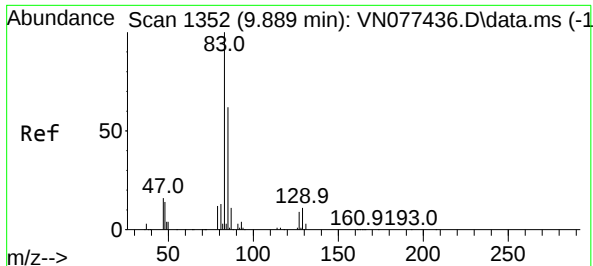
Ion Ratio Lower Upper

93 100

95 83.0 63.8 95.8

174 85.6 65.6 98.4





#47

Bromodichloromethane

Concen: 51.141 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 542028

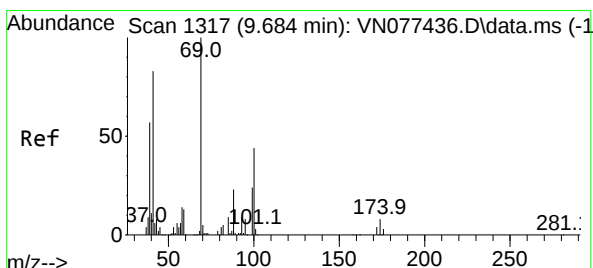
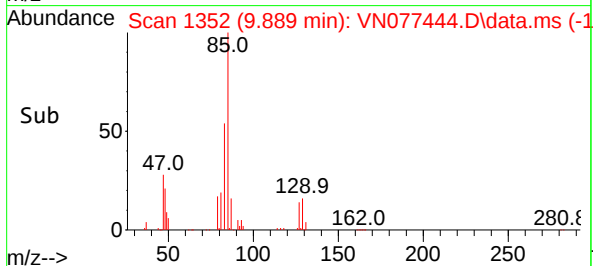
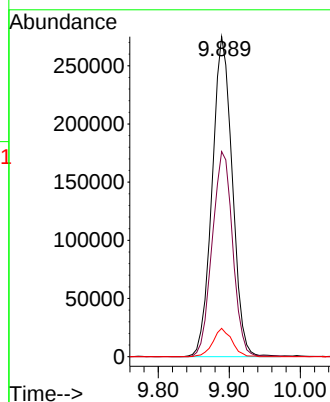
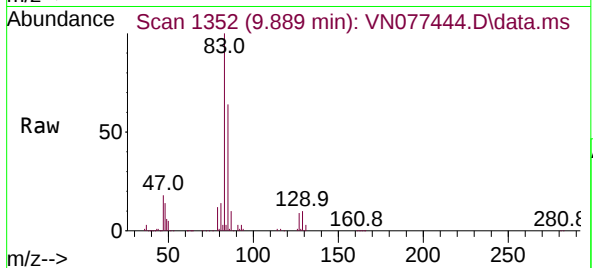
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.6	74.4
127	8.9	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#48

Methyl methacrylate

Concen: 51.236 ug/l

RT: 9.683 min Scan# 1317

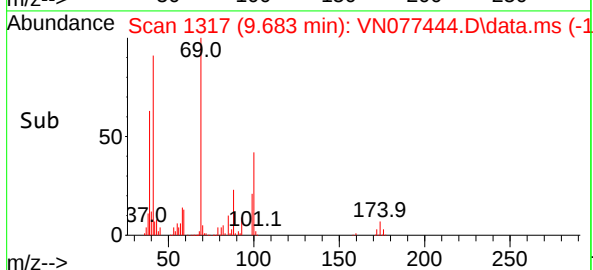
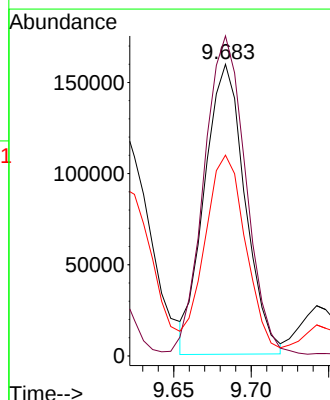
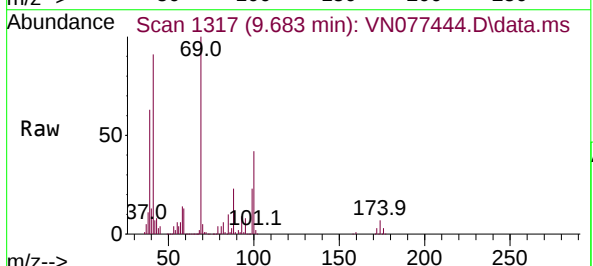
Delta R.T. -0.000 min

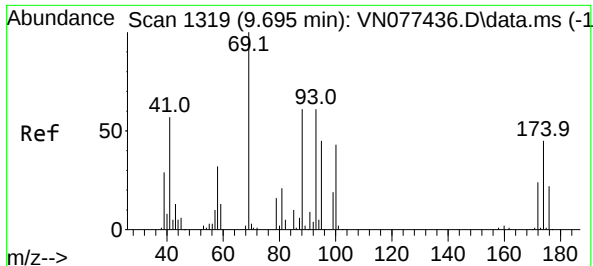
Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

Tgt Ion: 41 Resp: 290131

Ion	Ratio	Lower	Upper
41	100		
69	113.1	90.4	135.6
39	70.6	54.6	81.8





#49

1,4-Dioxane

Concen: 1007.932 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 14316

Ion Ratio Lower Upper

88 100

43 21.9 17.0 25.6

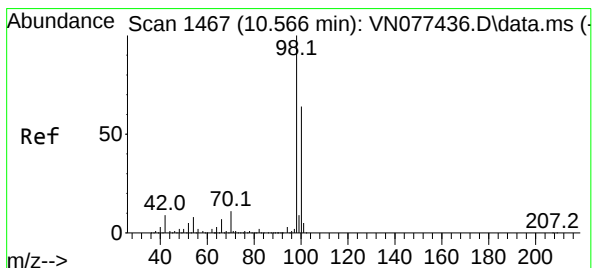
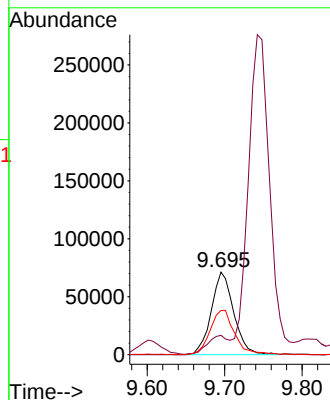
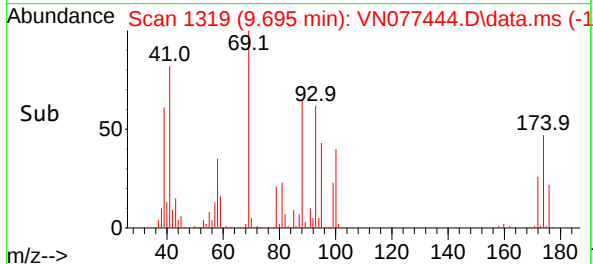
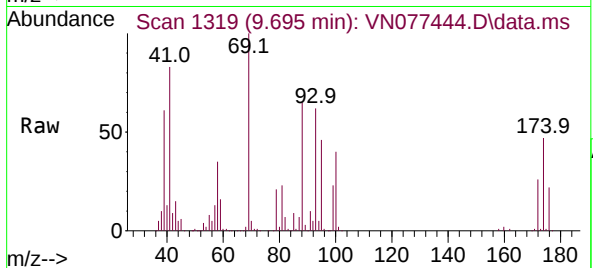
58 59.1 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#50

Toluene-d8

Concen: 51.547 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077444.D

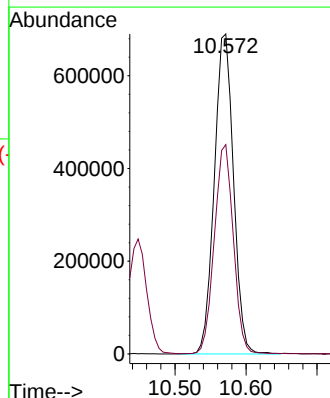
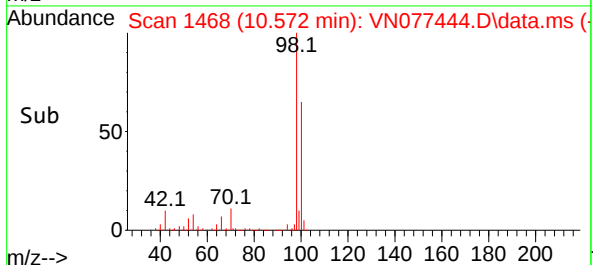
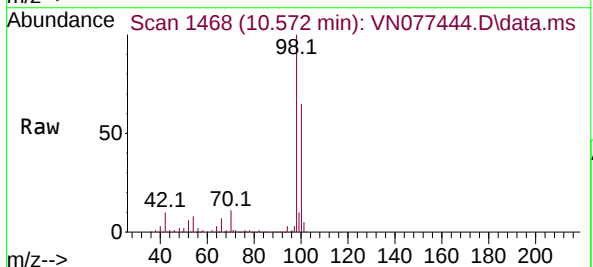
Acq: 25 Apr 2023 03:16

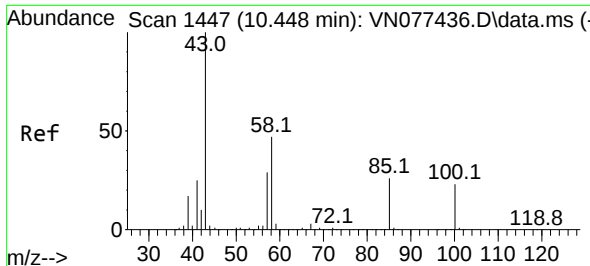
Tgt Ion: 98 Resp: 1294011

Ion Ratio Lower Upper

98 100

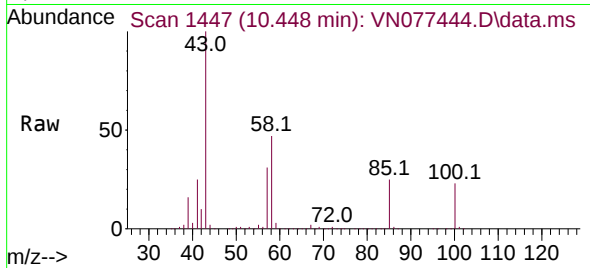
100 64.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 267.371 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

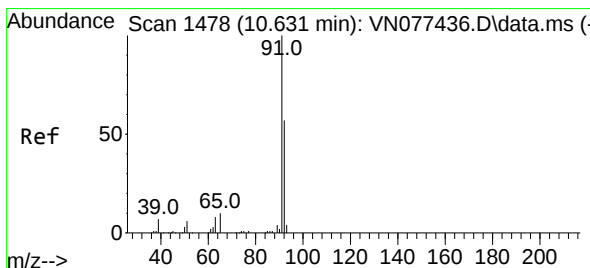
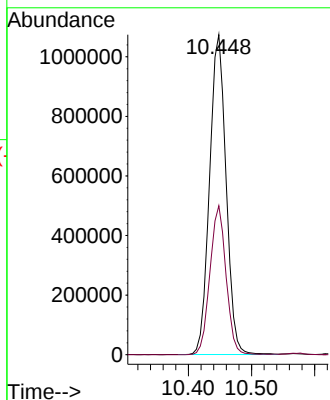
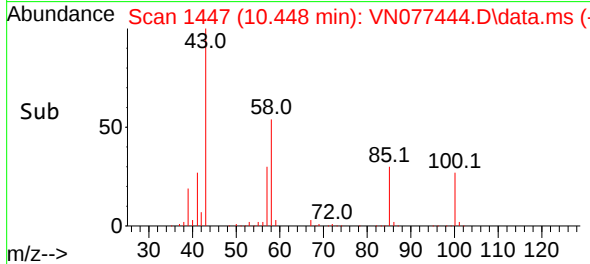
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1950902
Ion Ratio Lower Upper
43 100
58 45.4 36.6 54.8

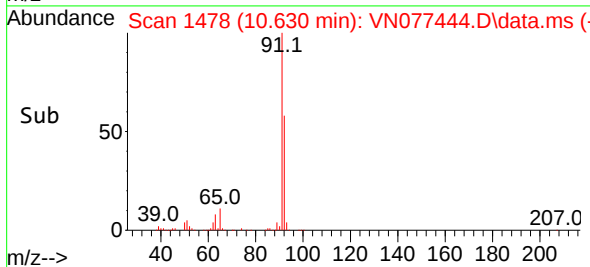
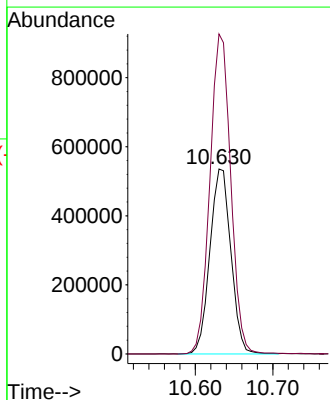
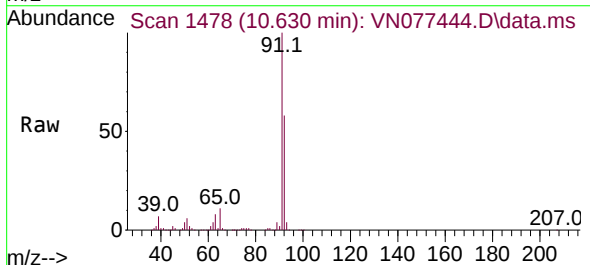
Manual Integrations
APPROVED

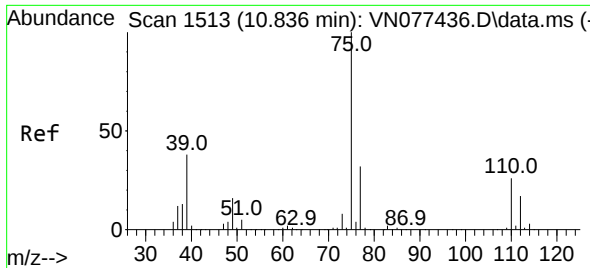
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#52
Toluene
Concen: 53.404 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion: 92 Resp: 1008556
Ion Ratio Lower Upper
92 100
91 171.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 54.261 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Instrument :

MSVOA_N

ClientSampleId :

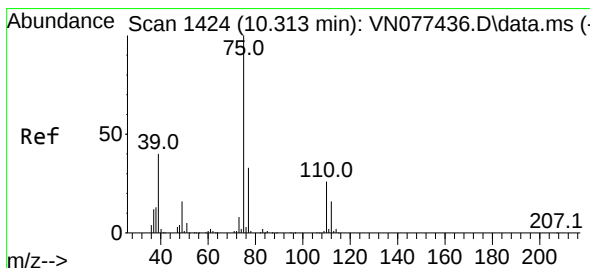
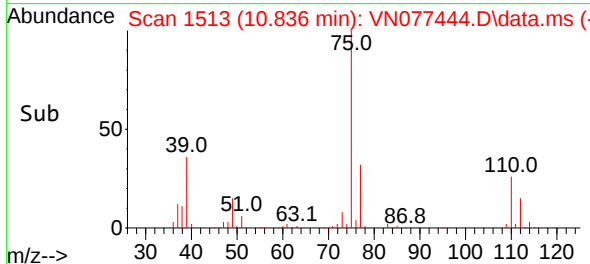
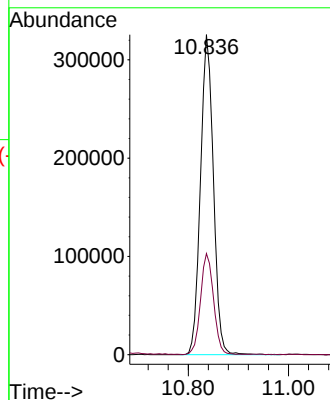
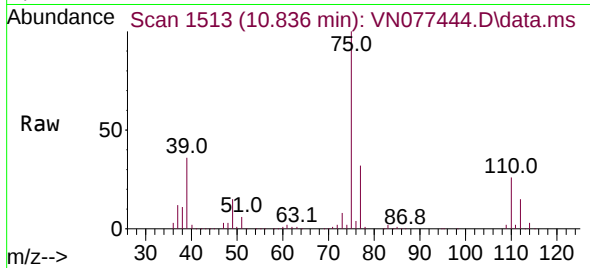
VSTDCCC050

Tgt Ion: 75 Resp: 58234
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

Manual Integrations

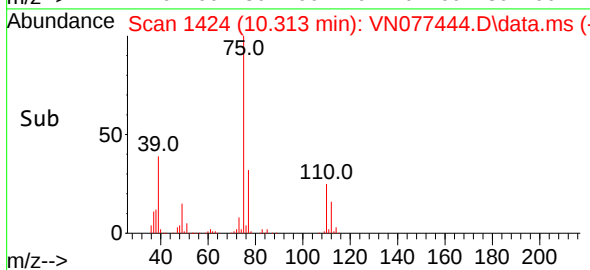
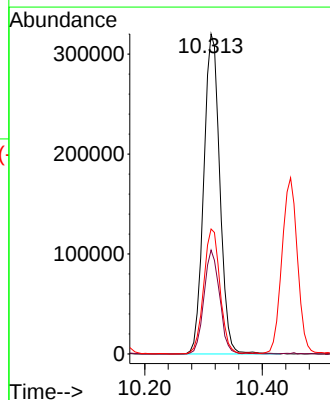
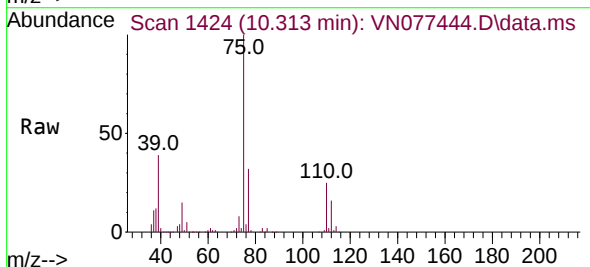
APPROVED

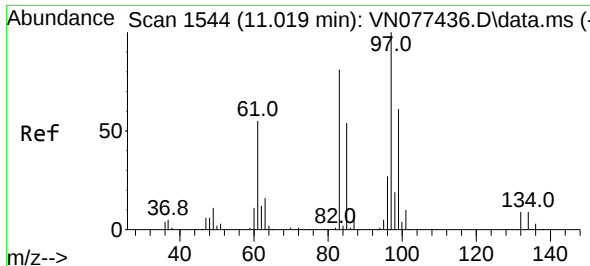
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#54
cis-1,3-Dichloropropene
Concen: 52.066 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion: 75 Resp: 608228
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
39 39.0 31.6 47.4





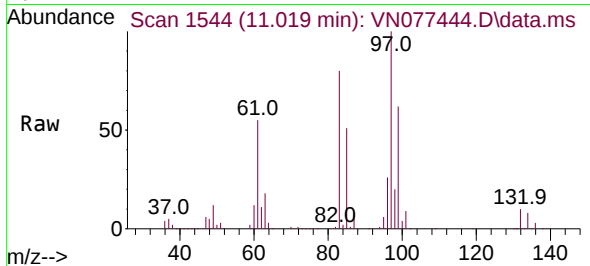
#55
1,1,2-Trichloroethane
Concen: 51.816 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 97 Resp: 393508

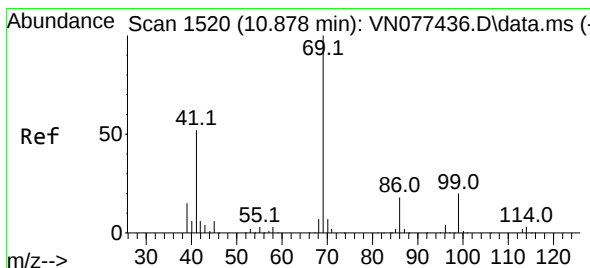
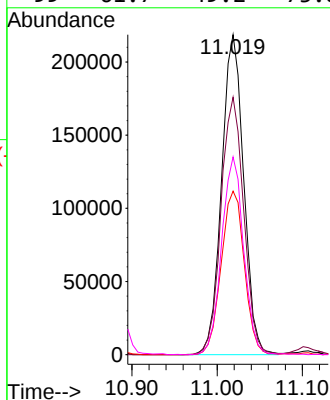
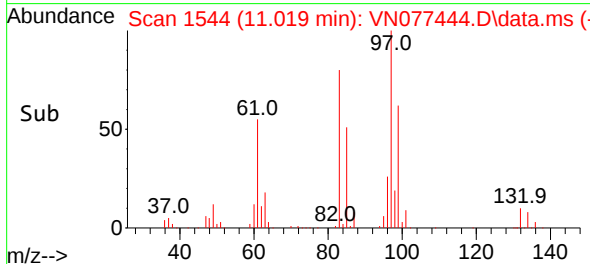
Ion	Ratio	Lower	Upper
97	100		
83	80.5	65.1	97.7
85	51.1	43.4	65.2
99	61.7	49.2	73.8

Manual Integrations

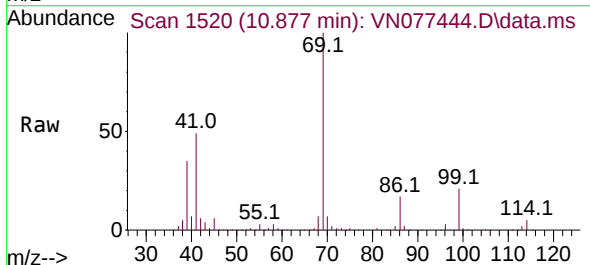
APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023

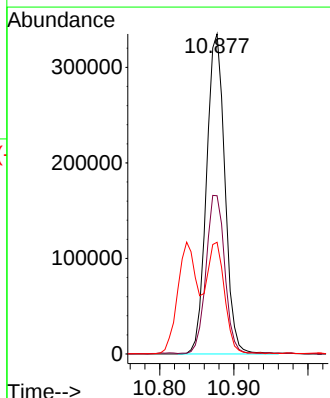
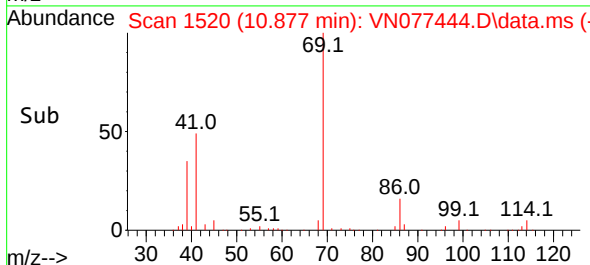


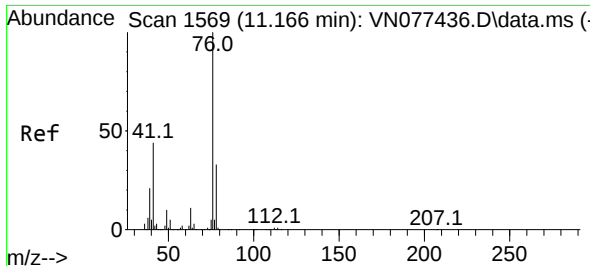
#56
Ethyl methacrylate
Concen: 54.127 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16



Tgt Ion: 69 Resp: 575983

Ion	Ratio	Lower	Upper
69	100		
41	50.2	39.6	59.4
39	34.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 53.286 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 644574

Ion Ratio Lower Upper

76 100

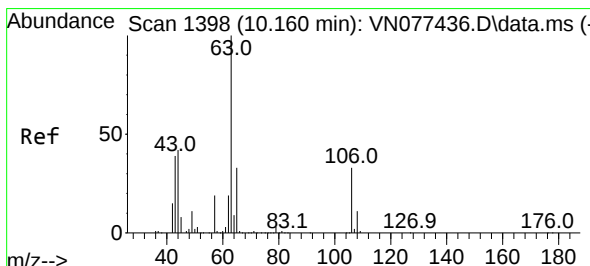
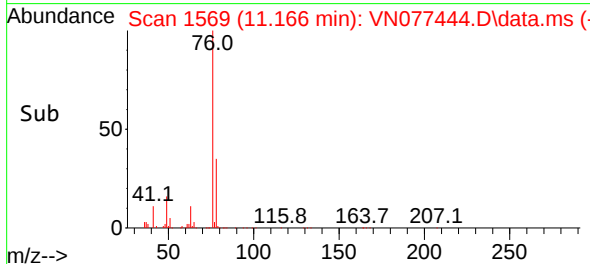
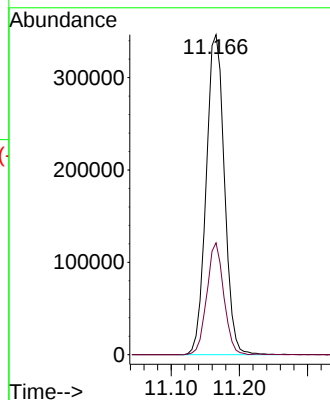
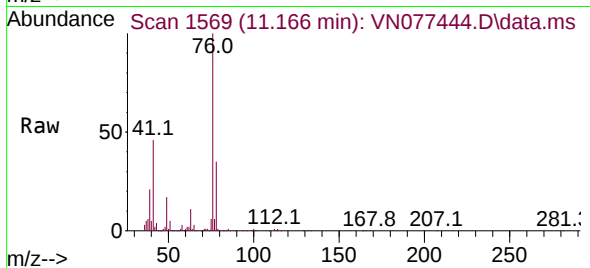
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 283.118 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077444.D

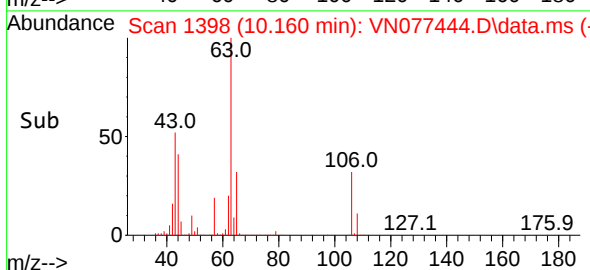
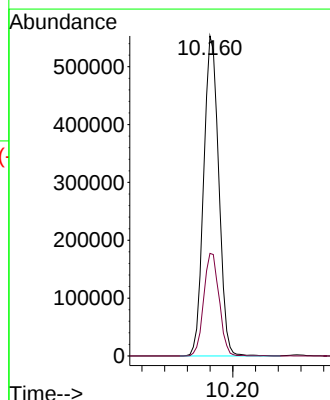
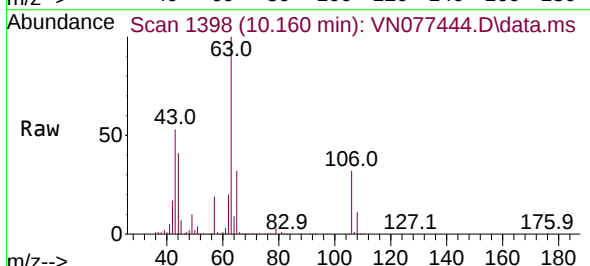
Acq: 25 Apr 2023 03:16

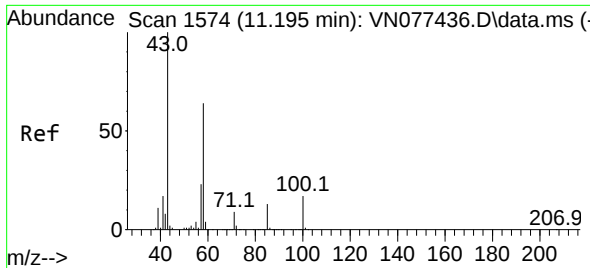
Tgt Ion: 63 Resp: 1019011

Ion Ratio Lower Upper

63 100

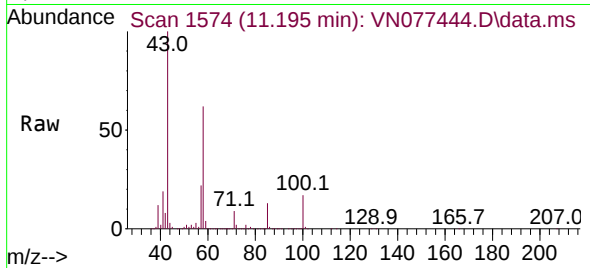
106 32.7 26.2 39.4





#59
2-Hexanone
Concen: 267.167 ug/l
RT: 11.195 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

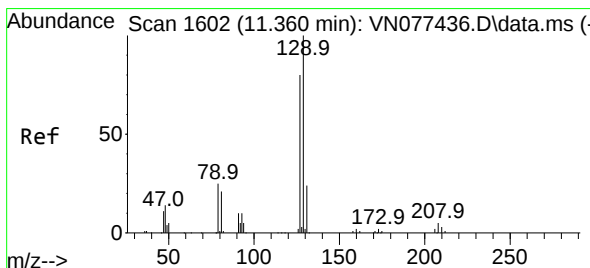
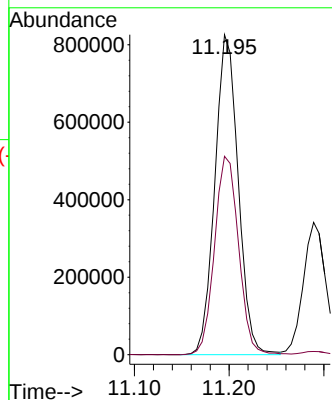
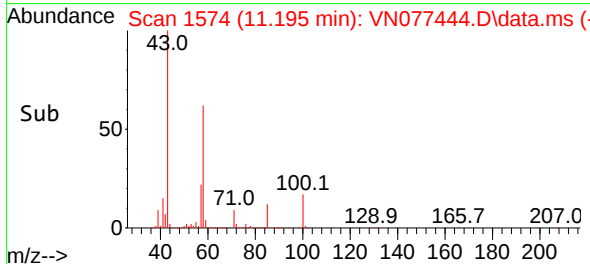
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 141701
Ion Ratio Lower Upper
43 100
58 63.7 31.7 95.1

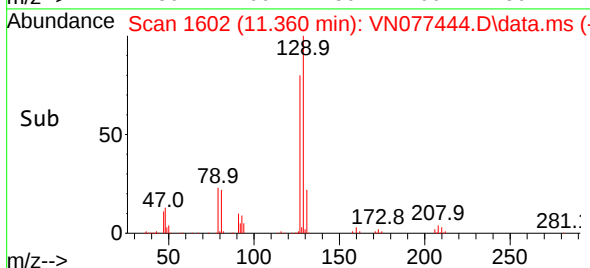
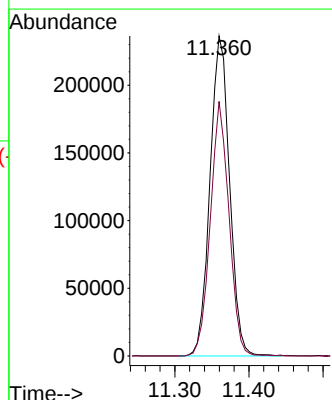
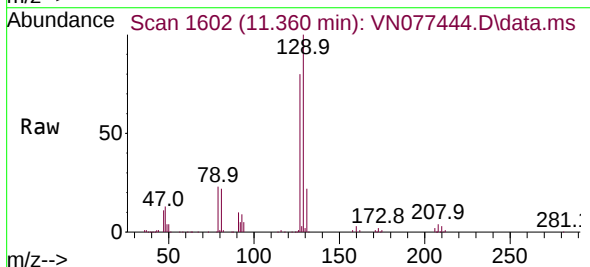
Manual Integrations
APPROVED

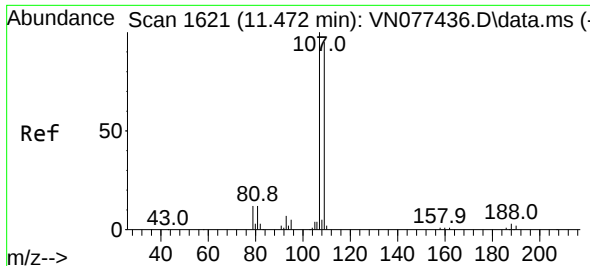
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#60
Dibromochloromethane
Concen: 55.032 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

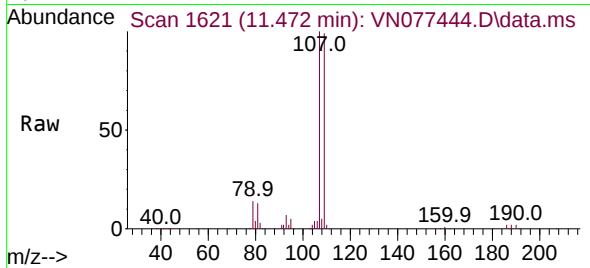
Tgt Ion:129 Resp: 433732
Ion Ratio Lower Upper
129 100
127 75.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.029 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

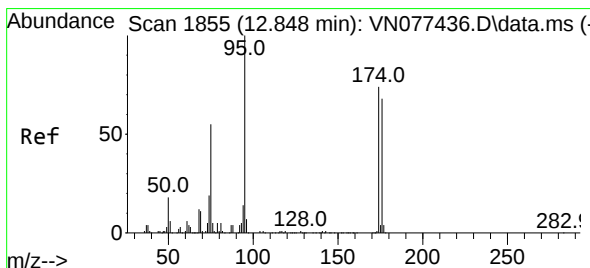
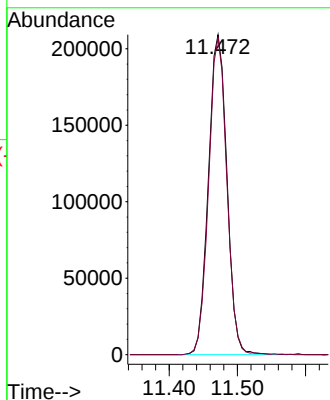
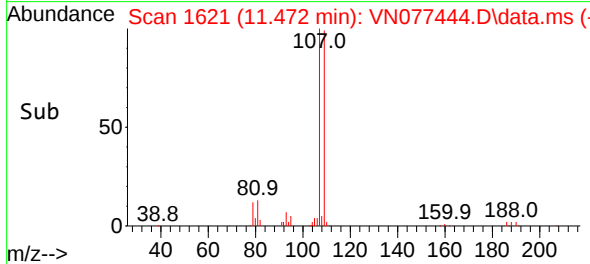
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



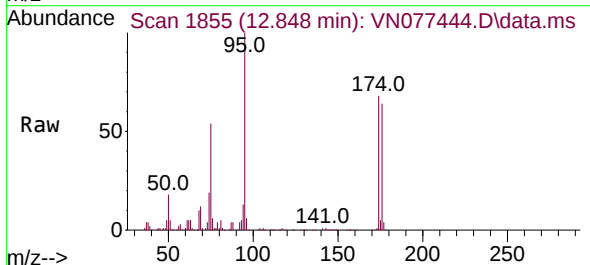
Tgt Ion: 107 Resp: 395638
Ion Ratio Lower Upper
107 100
109 97.1 76.6 114.8

Manual Integrations
APPROVED

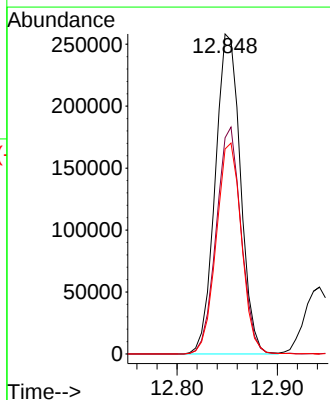
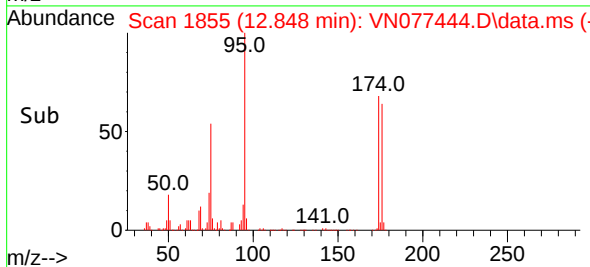
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

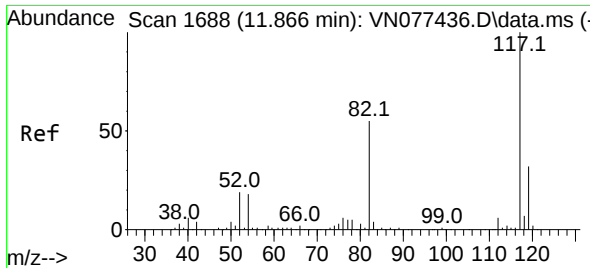


#62
4-Bromofluorobenzene
Concen: 54.906 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16



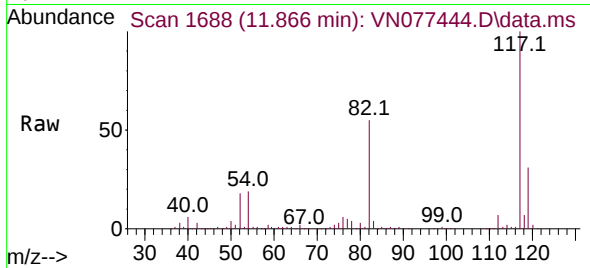
Tgt Ion: 95 Resp: 450957
Ion Ratio Lower Upper
95 100
174 69.9 0.0 143.8
176 65.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

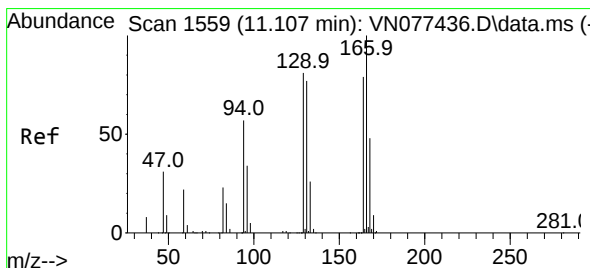
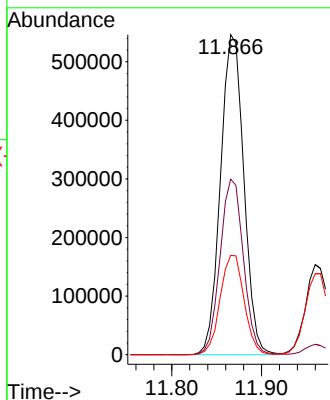
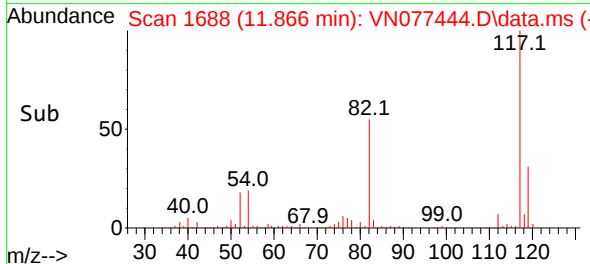
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



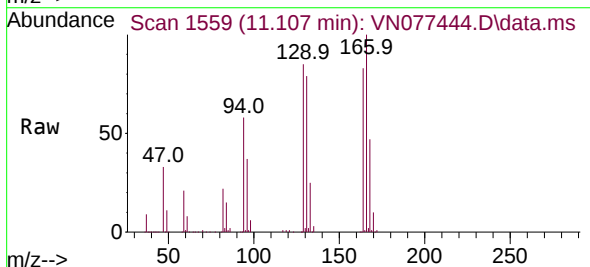
Tgt Ion:117 Resp: 98716
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 31.0 25.6 38.4

Manual Integrations
APPROVED

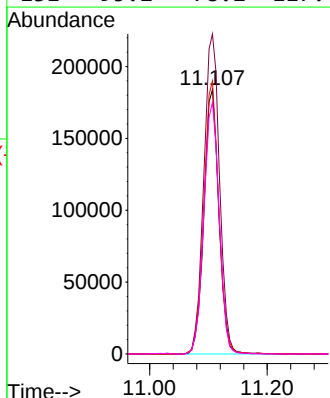
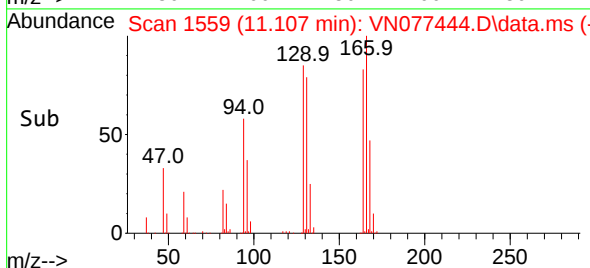
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

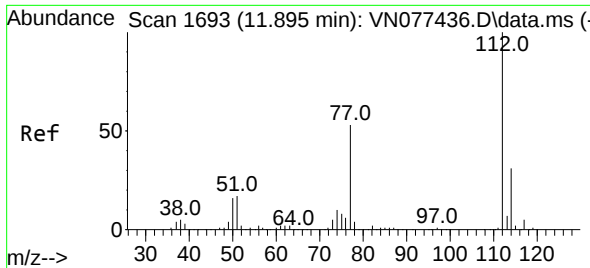


#64
Tetrachloroethene
Concen: 54.744 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16



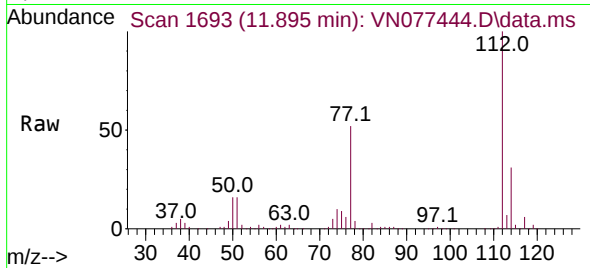
Tgt Ion:164 Resp: 323498
Ion Ratio Lower Upper
164 100
166 121.1 101.4 152.0
129 103.3 82.4 123.6
131 95.2 78.2 117.4





#65
Chlorobenzene
Concen: 51.034 ug/l
RT: 11.895 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

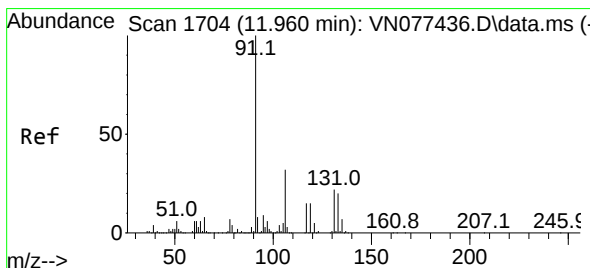
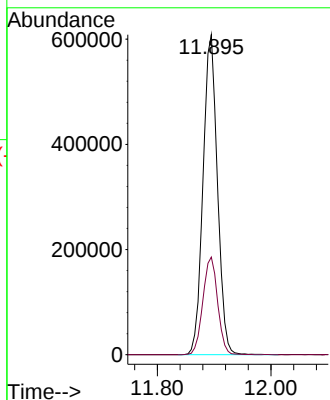
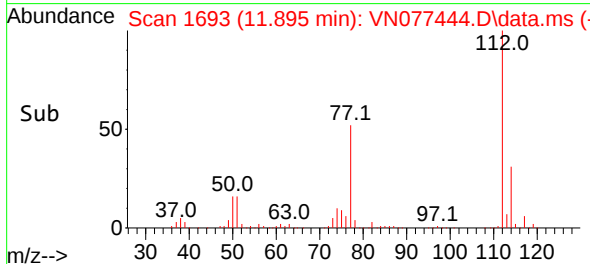
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



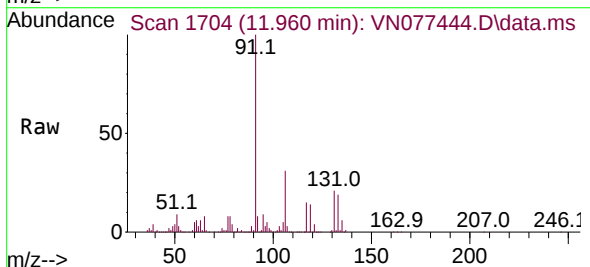
Tgt Ion:112 Resp: 106605
Ion Ratio Lower Upper
112 100
114 30.5 25.0 37.4

Manual Integrations
APPROVED

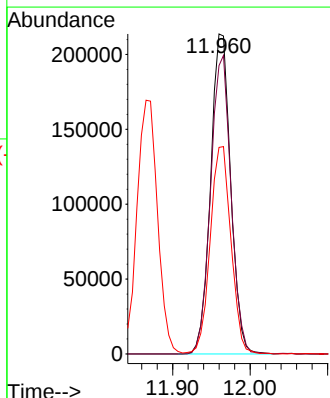
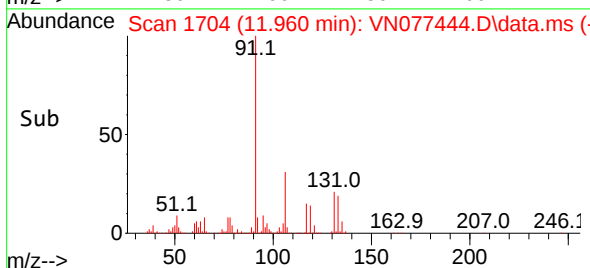
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

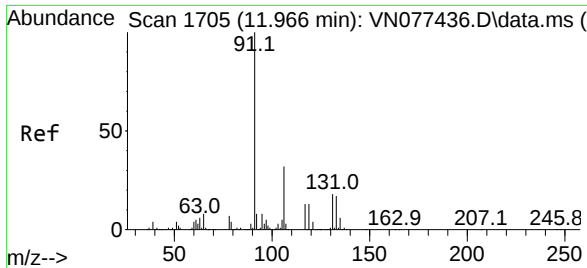


#66
1,1,1,2-Tetrachloroethane
Concen: 50.548 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16



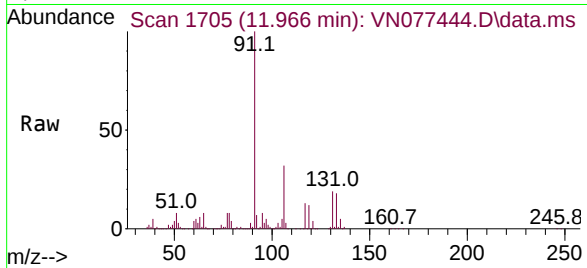
Tgt Ion:131 Resp: 384168
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.1
119 67.2 34.1 102.2





#67
Ethyl Benzene
Concen: 52.483 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

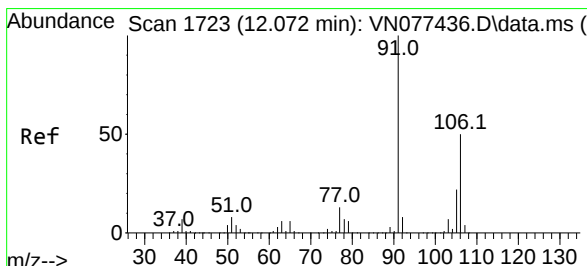
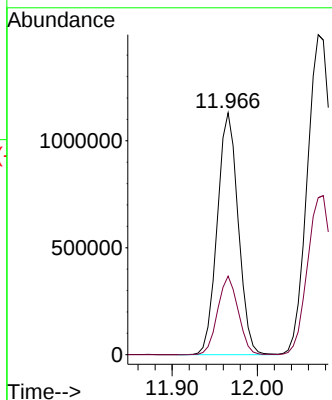
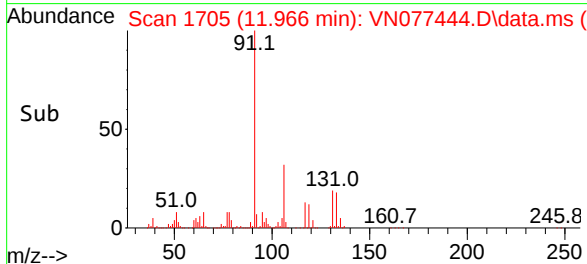
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



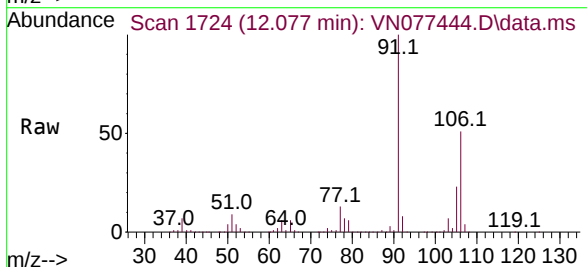
Tgt Ion: 91 Resp: 1929939
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4

Manual Integrations
APPROVED

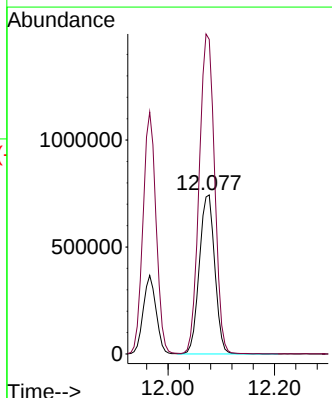
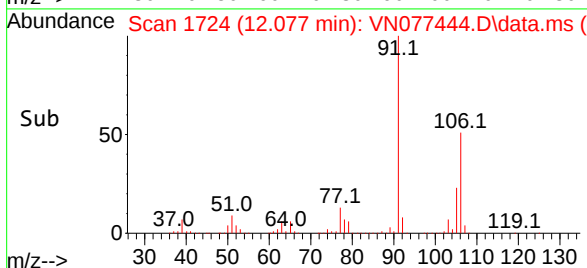
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

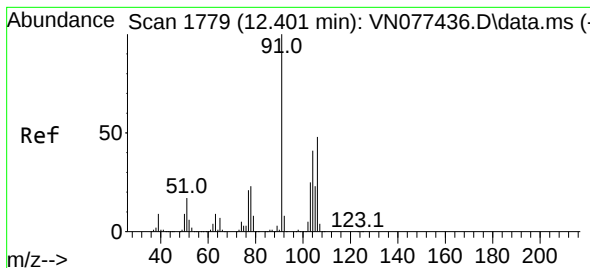


#68
m/p-Xylenes
Concen: 104.520 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16



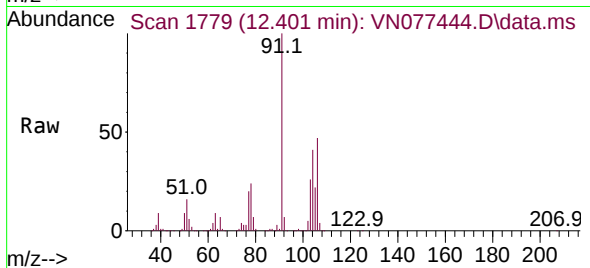
Tgt Ion:106 Resp: 1493801
Ion Ratio Lower Upper
106 100
91 200.6 159.6 239.4





#69
o-Xylene
Concen: 52.931 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

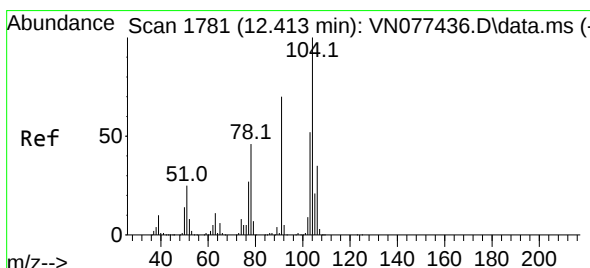
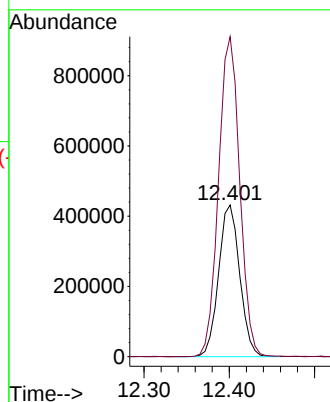
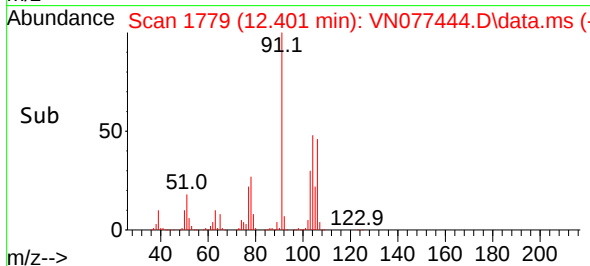
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 744094
Ion Ratio Lower Upper
106 100
91 211.9 105.2 315.5

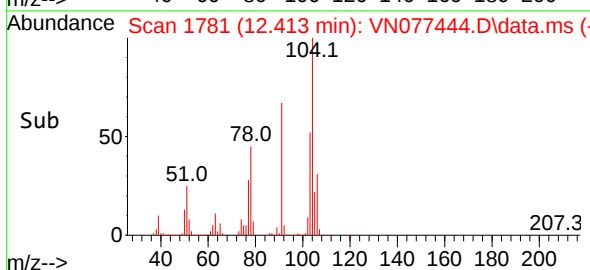
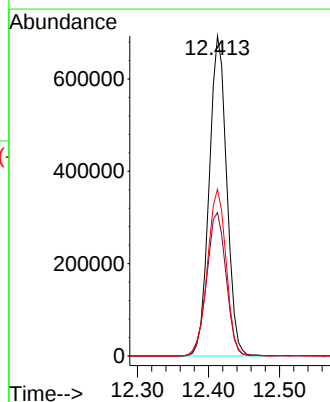
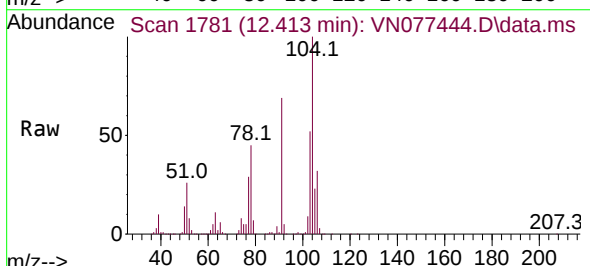
Manual Integrations
APPROVED

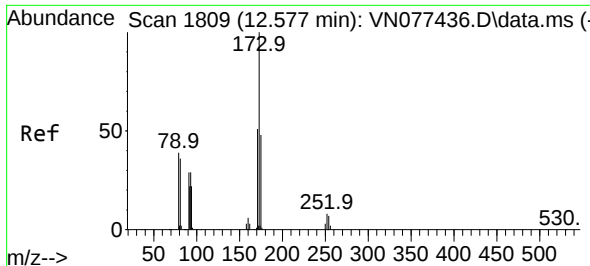
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#70
Styrene
Concen: 54.131 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

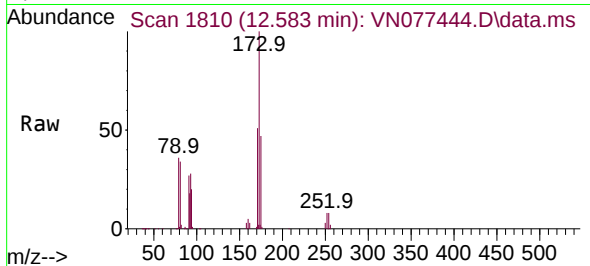
Tgt Ion:104 Resp: 1190040
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 55.6 43.2 64.8





#71
Bromoform
Concen: 55.446 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

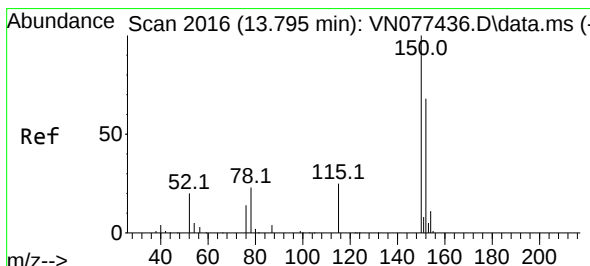
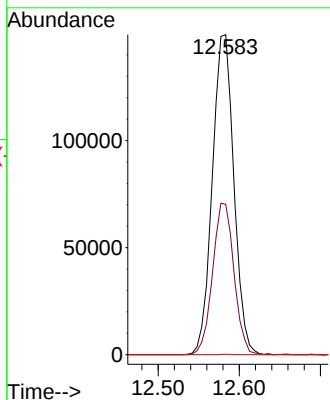
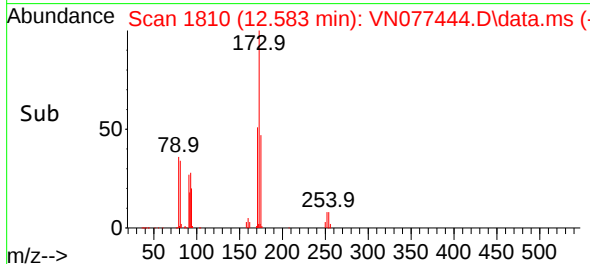
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 27569
Ion Ratio Lower Upper
173 100
175 46.9 24.3 73.0
254 0.1 0.0 0.0

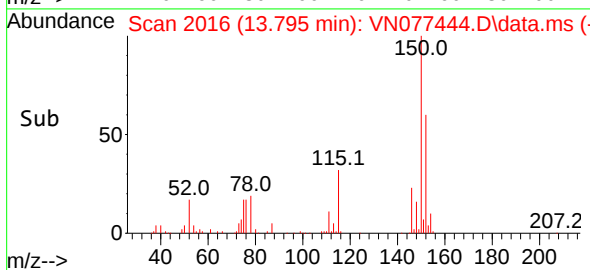
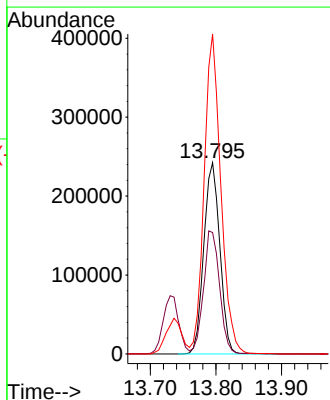
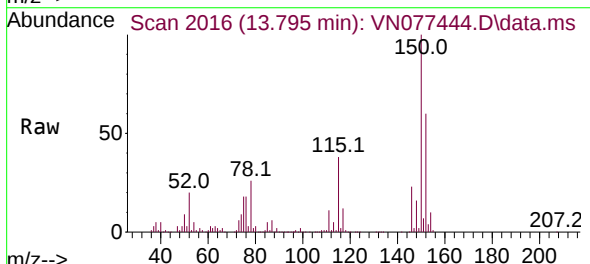
Manual Integrations
APPROVED

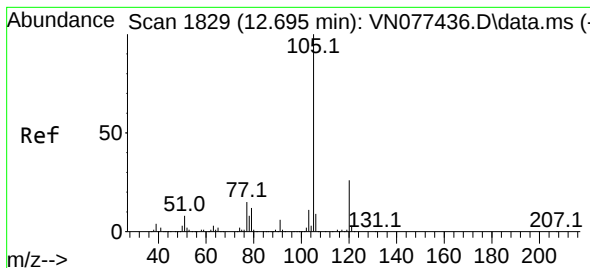
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion:152 Resp: 412814
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 173.8 0.0 355.8





#73

Isopropylbenzene

Concen: 50.542 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.000 min

Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 193612

Ion Ratio Lower Upper

105 100

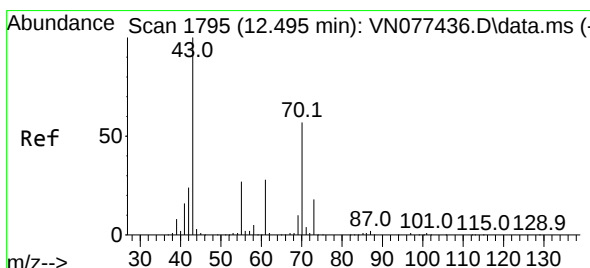
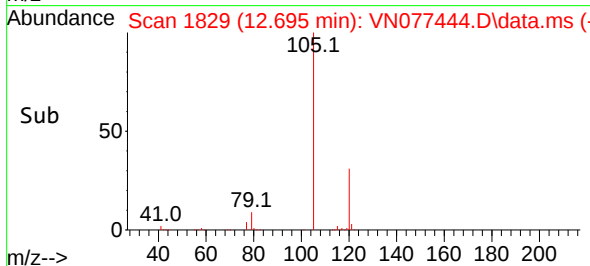
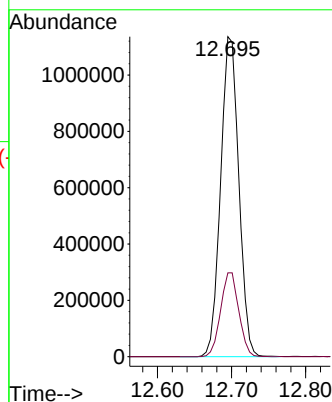
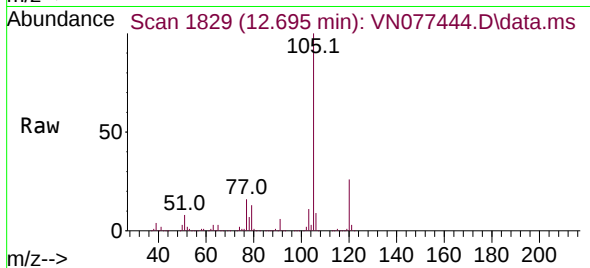
120 26.2 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#74

N-ethyl acetate

Concen: 50.004 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

Tgt Ion: 43 Resp: 567101

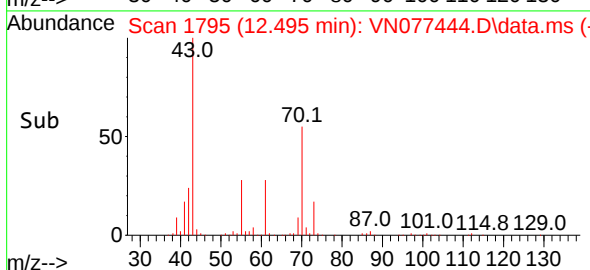
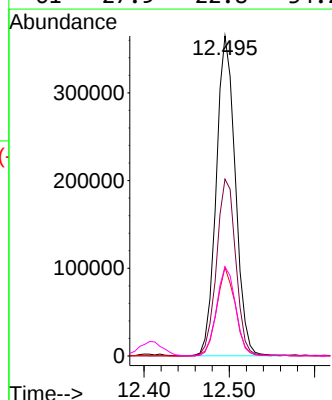
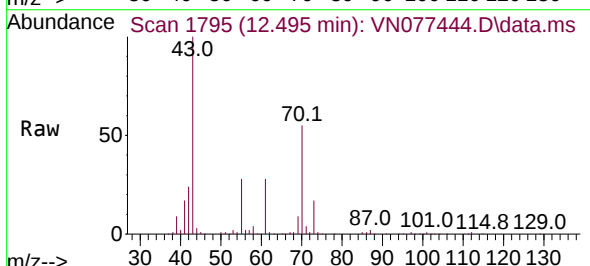
Ion Ratio Lower Upper

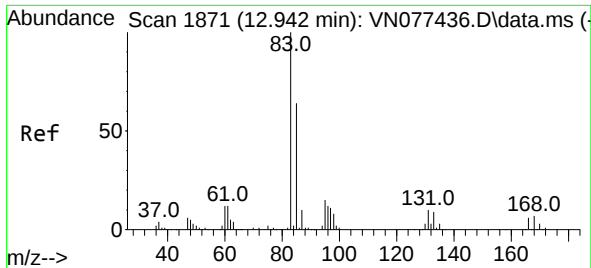
43 100

70 55.6 43.4 65.2

55 27.1 21.4 32.0

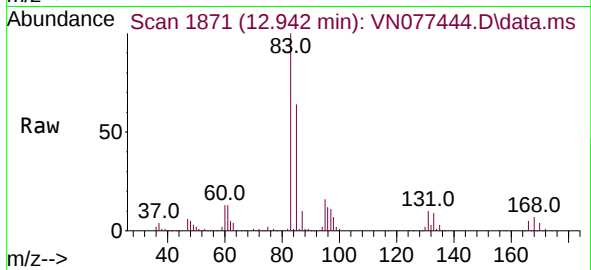
61 27.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.862 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

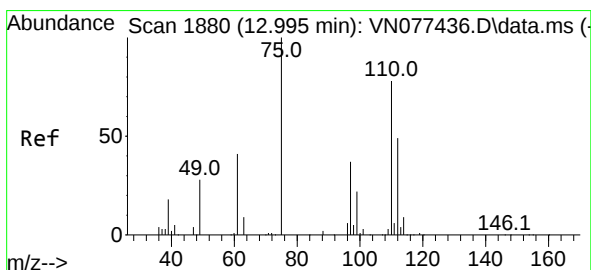
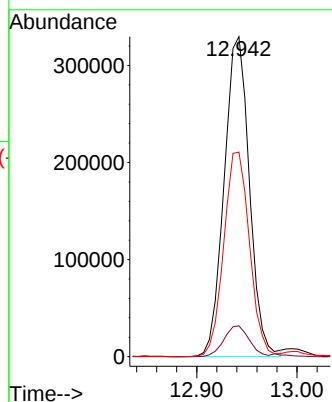
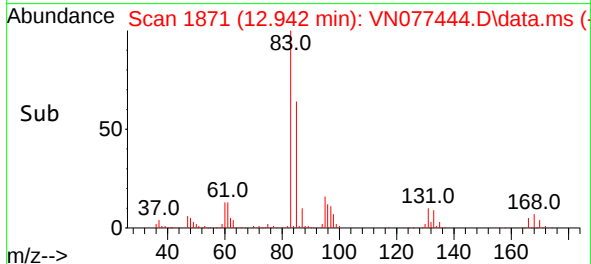
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 576083
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 65.3 31.9 95.7

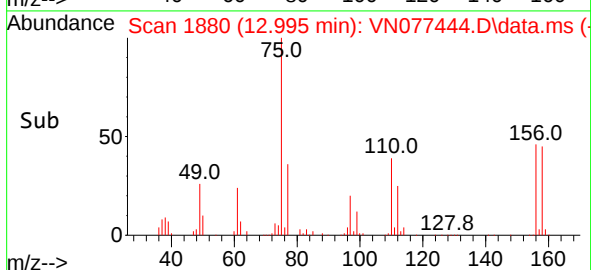
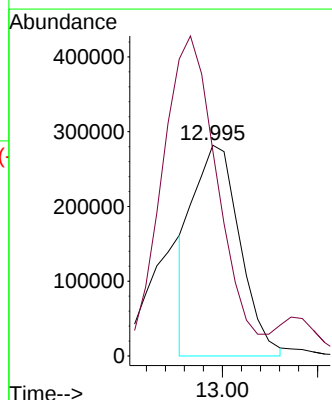
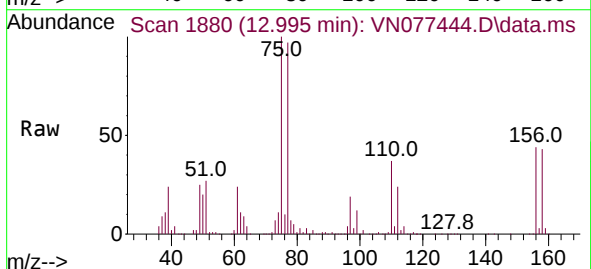
Manual Integrations
APPROVED

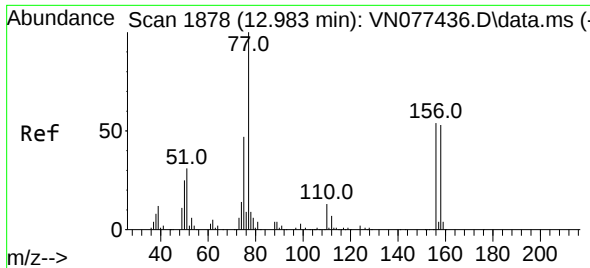
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#76
1,2,3-Trichloropropane
Concen: 50.566 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion: 75 Resp: 485409
Ion Ratio Lower Upper
75 100
77 179.8 84.5 253.5





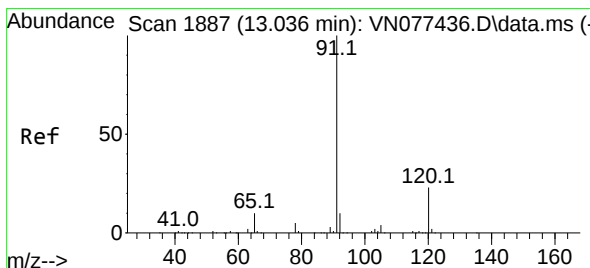
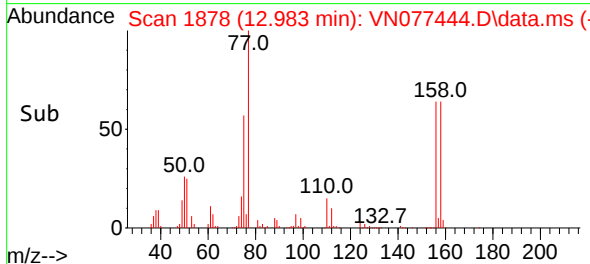
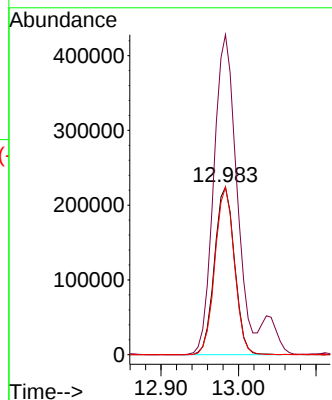
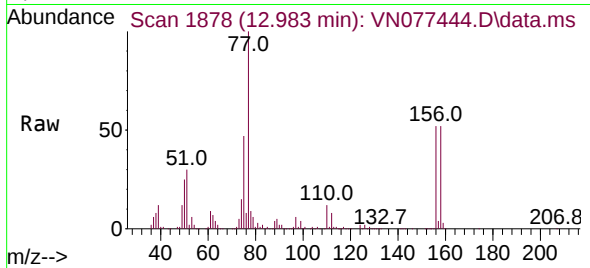
#77
Bromobenzene
Concen: 48.266 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 402964
Ion Ratio Lower Upper
156 100
77 216.6 107.7 323.3
158 96.7 48.4 145.3

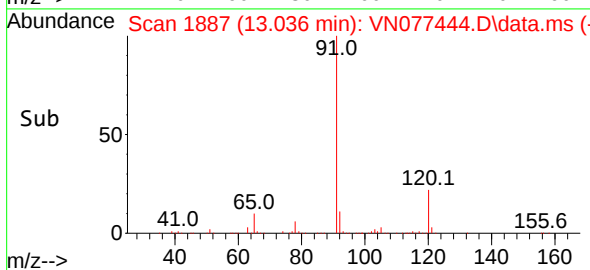
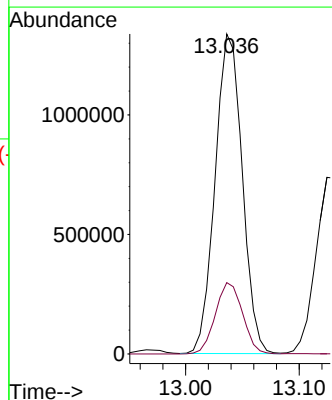
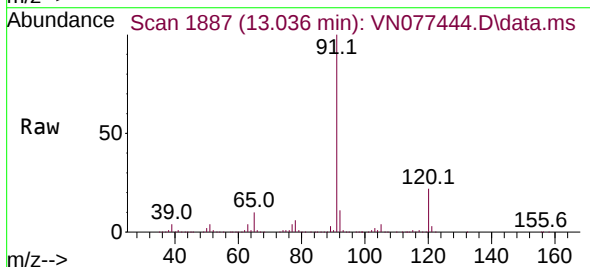
Manual Integrations
APPROVED

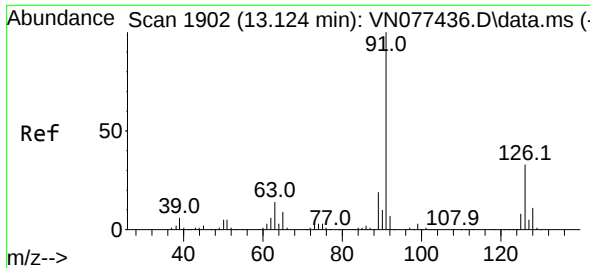
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#78
n-propylbenzene
Concen: 52.403 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion: 91 Resp: 2219624
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





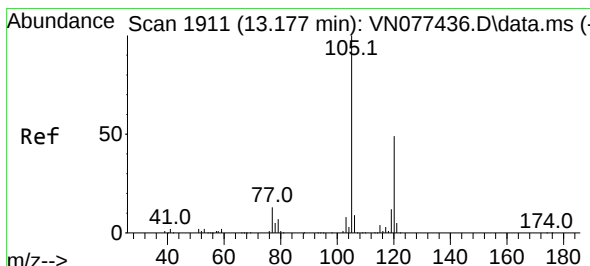
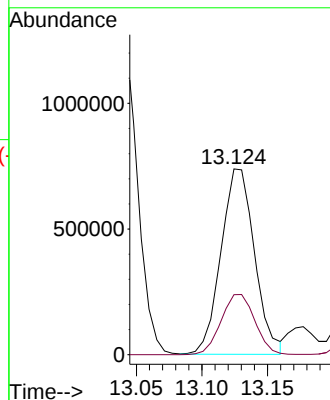
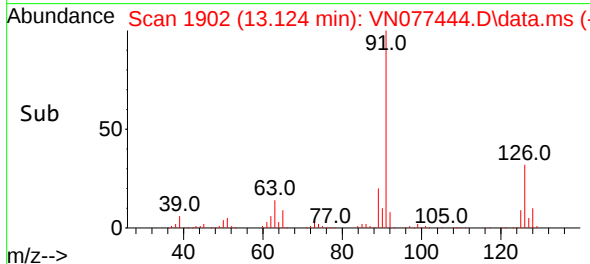
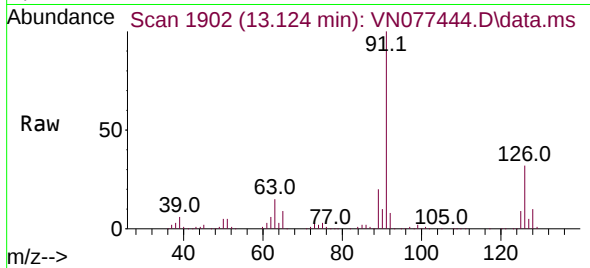
#79
2-Chlorotoluene
Concen: 50.392 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 131598
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.8

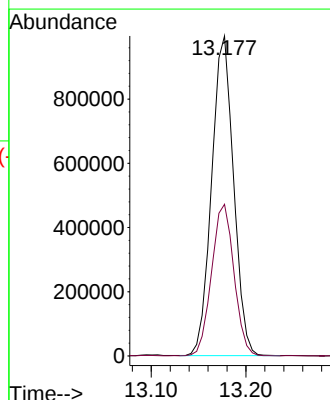
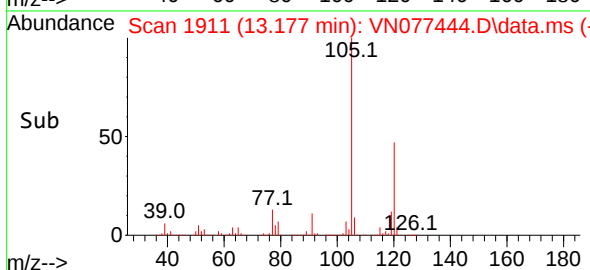
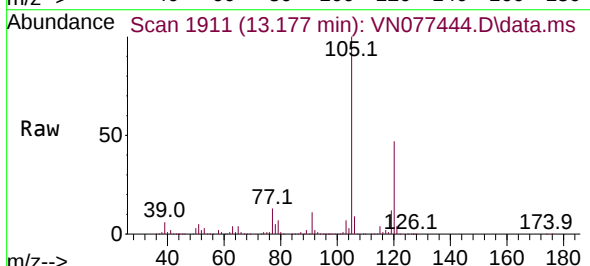
Manual Integrations
APPROVED

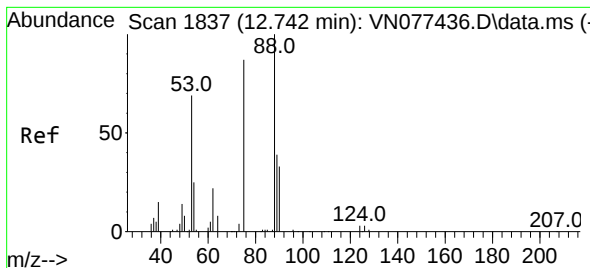
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 56.242 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

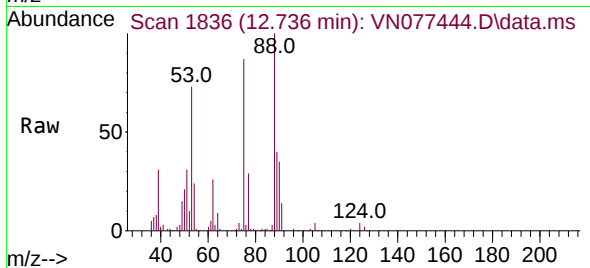
Tgt Ion:105 Resp: 1599974
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 56.430 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

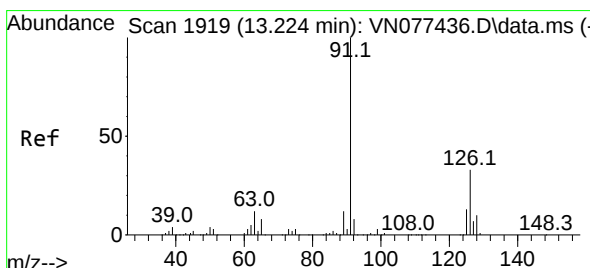
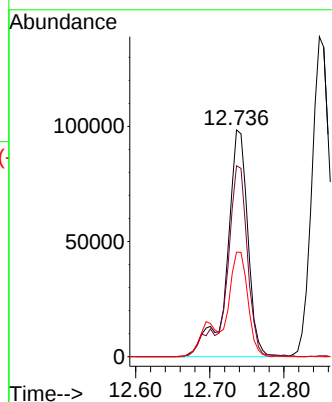
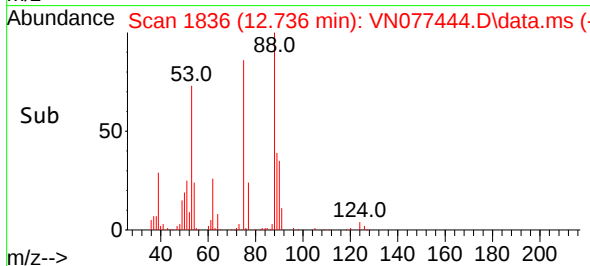
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 19174
Ion Ratio Lower Upper
75 100
53 84.4 67.4 101.2
89 41.2 38.8 58.2

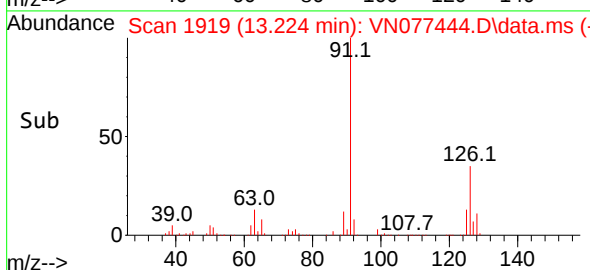
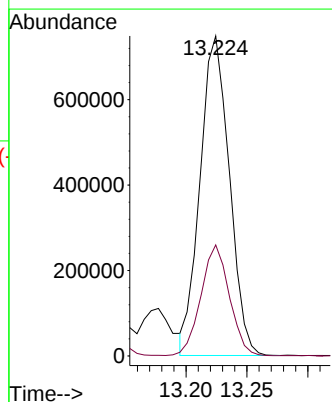
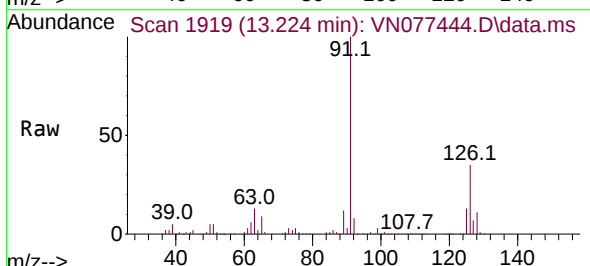
Manual Integrations
APPROVED

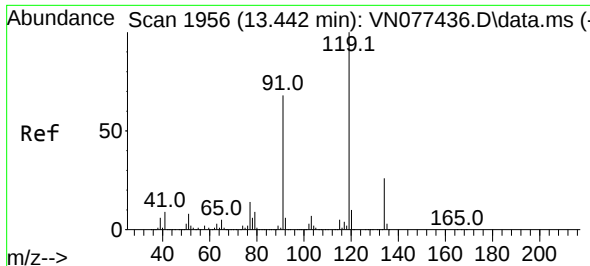
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#82
4-Chlorotoluene
Concen: 51.311 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion: 91 Resp: 1252134
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





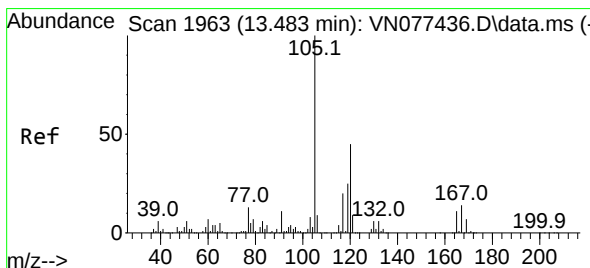
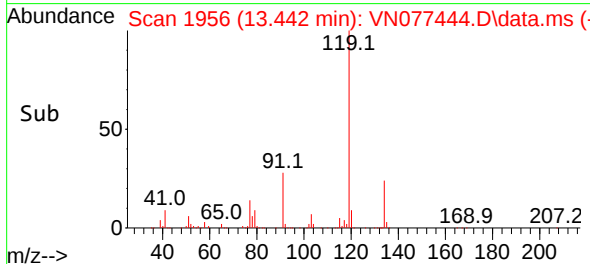
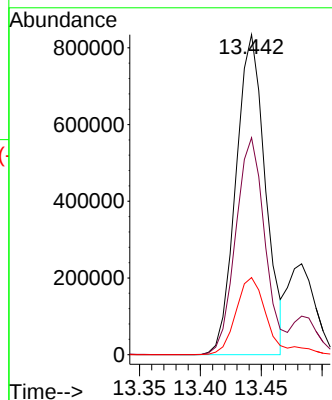
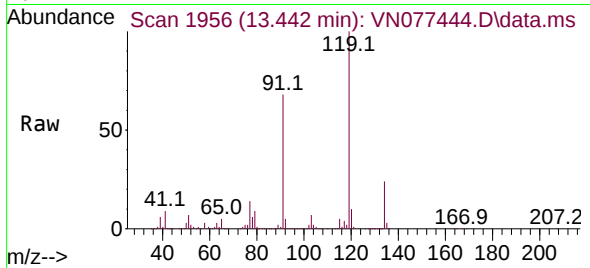
#83
tert-Butylbenzene
Concen: 50.738 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 140174
Ion Ratio Lower Upper
119 100
91 68.0 33.9 101.7
134 26.0 13.2 39.6

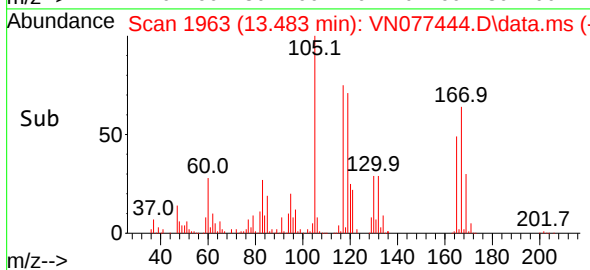
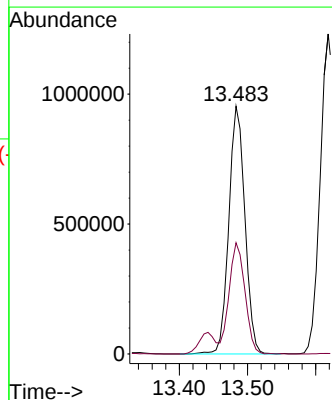
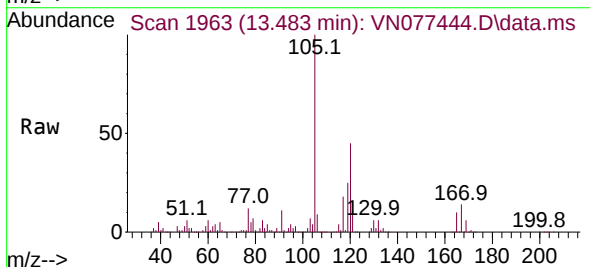
Manual Integrations
APPROVED

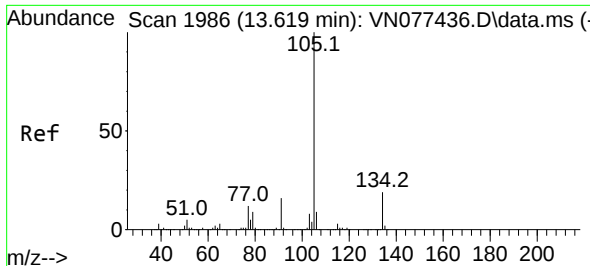
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#84
1,2,4-Trimethylbenzene
Concen: 58.895 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion:105 Resp: 1564756
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





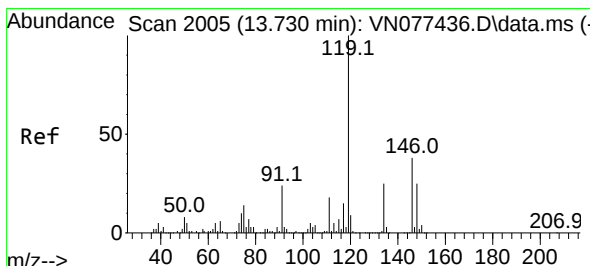
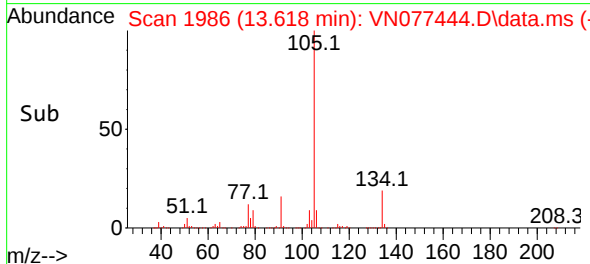
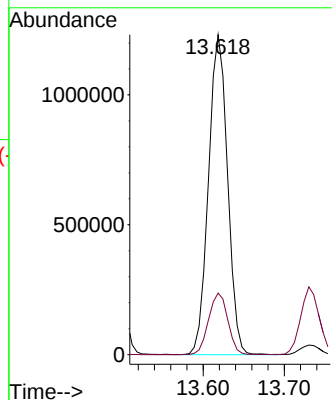
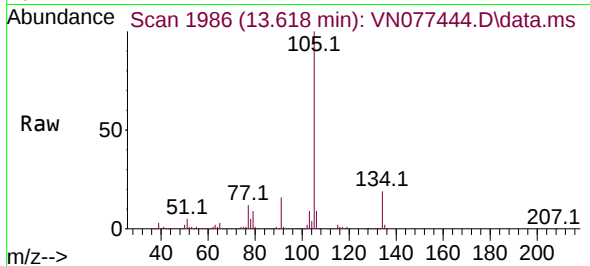
#85
 sec-Butylbenzene
 Concen: 52.892 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077444.D
 Acq: 25 Apr 2023 03:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 200568
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

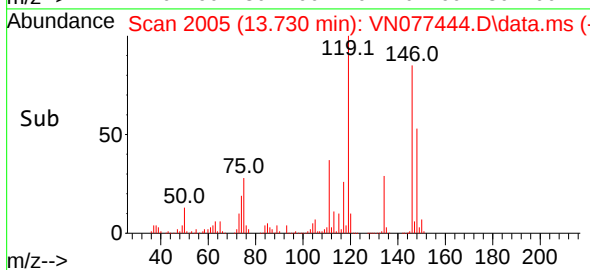
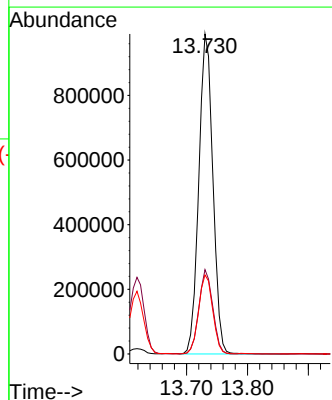
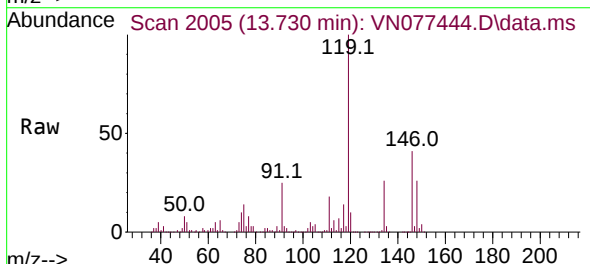
Manual Integrations
 APPROVED

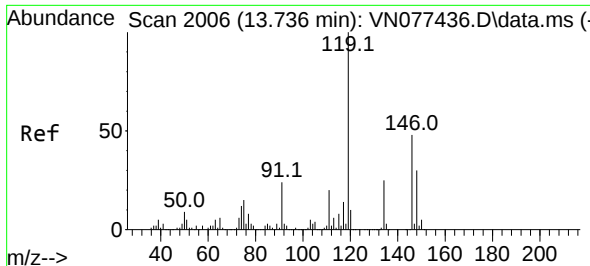
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#86
 p-Isopropyltoluene
 Concen: 54.561 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077444.D
 Acq: 25 Apr 2023 03:16

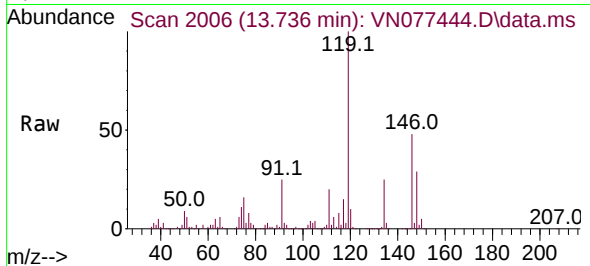
Tgt Ion:119 Resp: 1591872
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 50.741 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

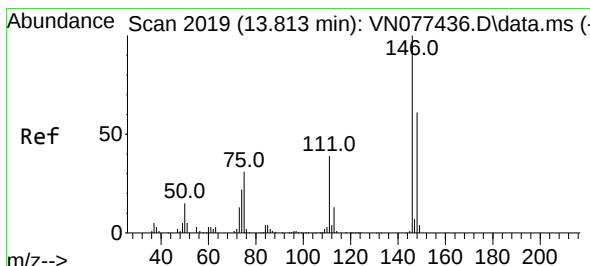
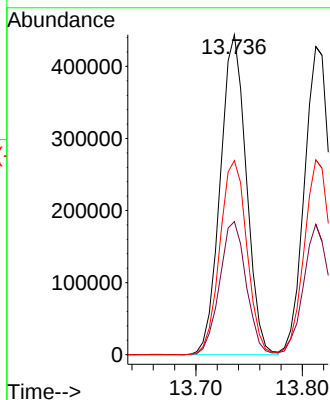
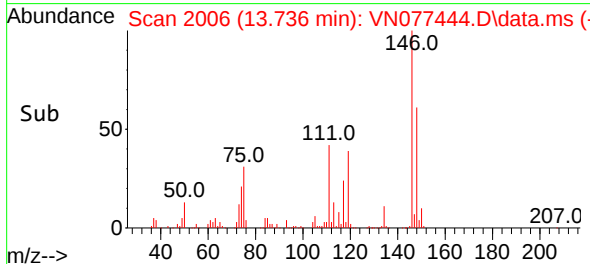
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 753380
Ion Ratio Lower Upper
146 100
111 42.4 22.1 66.3
148 63.0 32.0 96.0

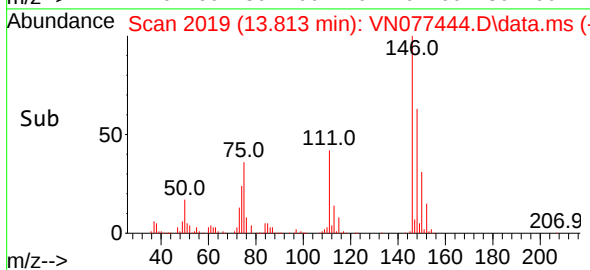
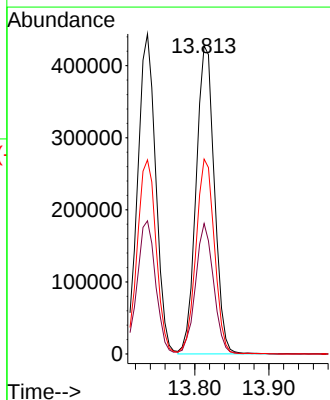
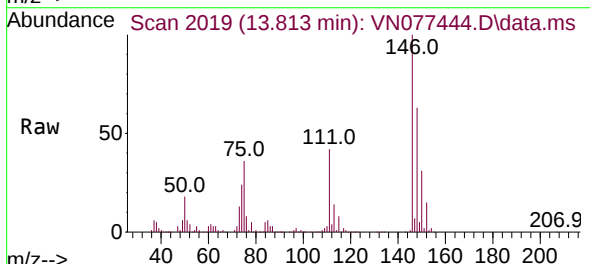
Manual Integrations
APPROVED

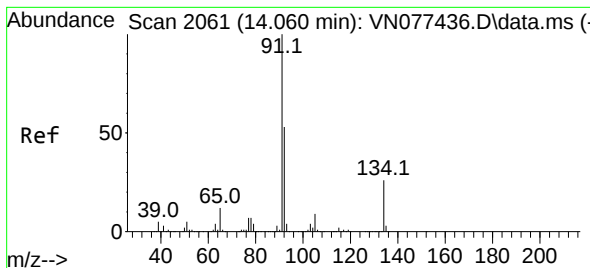
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#88
1,4-Dichlorobenzene
Concen: 49.936 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion:146 Resp: 732066
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.8
148 63.9 31.6 94.8





#89

n-Butylbenzene

Concen: 57.656 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077444.D

Acq: 25 Apr 2023 03:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1301819

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.0

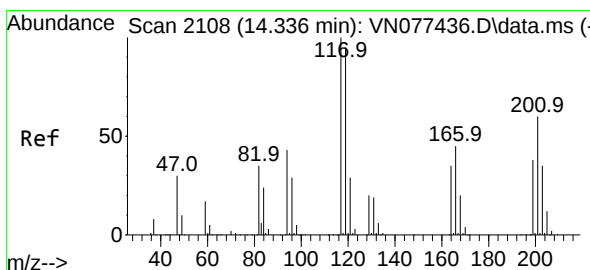
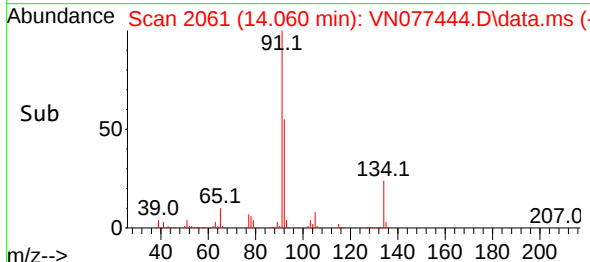
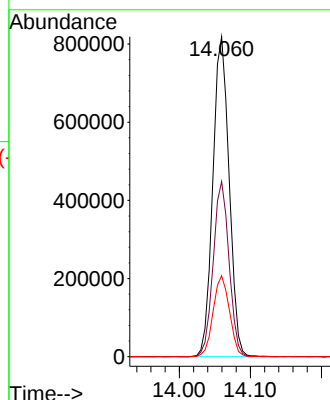
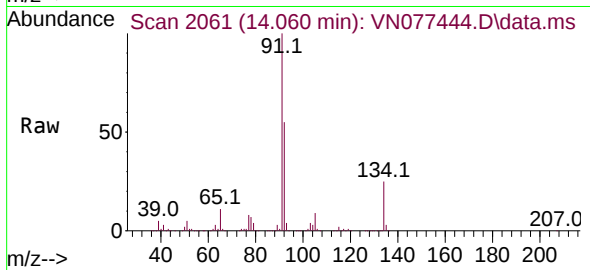
134 25.3 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#90

Hexachloroethane

Concen: 50.009 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077444.D

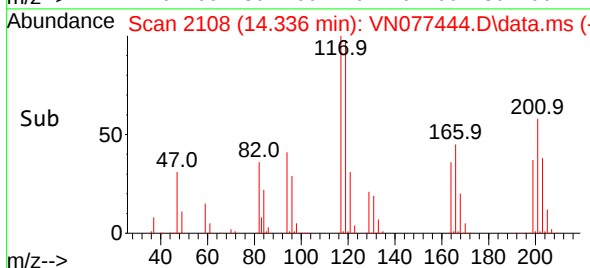
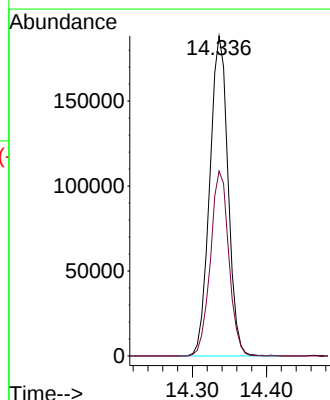
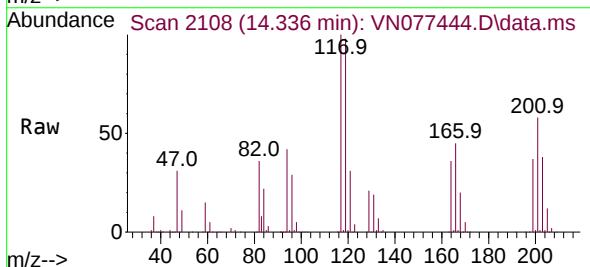
Acq: 25 Apr 2023 03:16

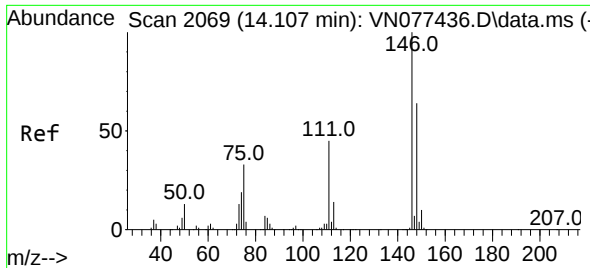
Tgt Ion:117 Resp: 322351

Ion Ratio Lower Upper

117 100

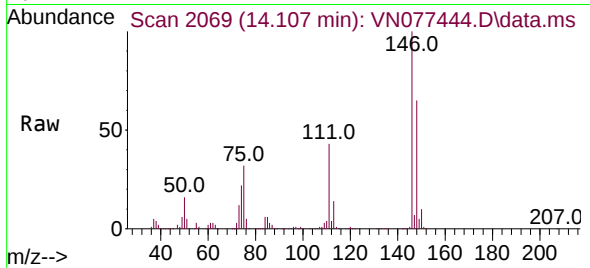
201 58.1 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 50.550 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

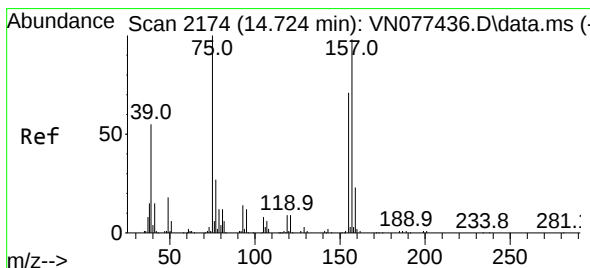
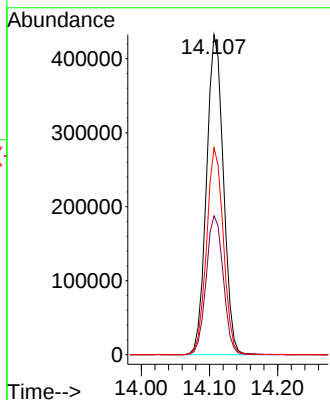
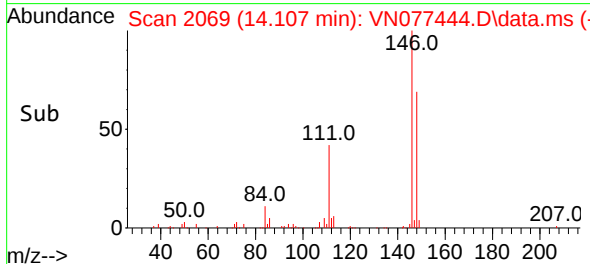
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



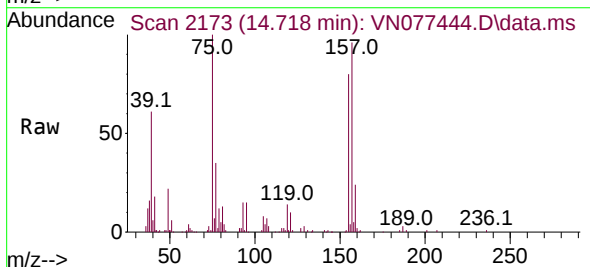
Tgt Ion:146 Resp: 744414
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 64.2 31.8 95.3

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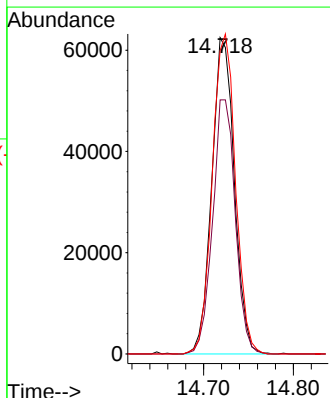
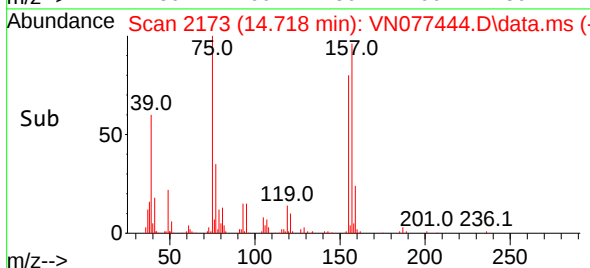
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

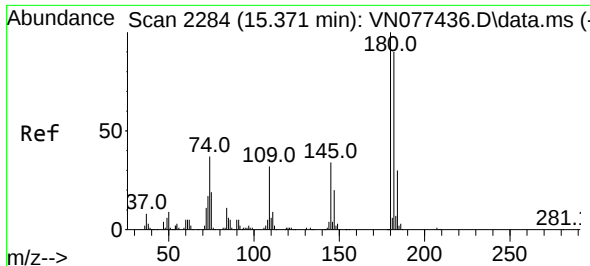


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.896 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16



Tgt Ion: 75 Resp: 108832
Ion Ratio Lower Upper
75 100
155 80.8 39.1 117.2
157 104.1 50.3 150.9





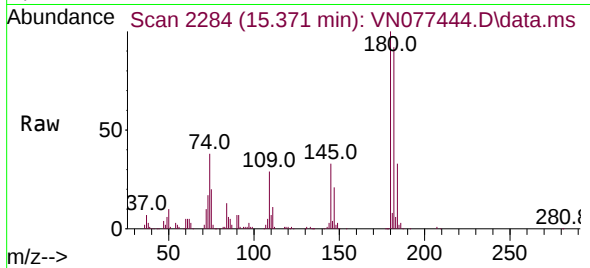
#93
1,2,4-Trichlorobenzene
Concen: 49.850 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



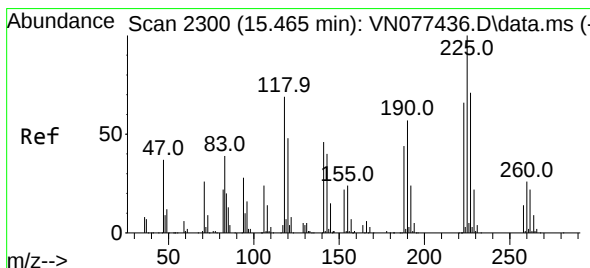
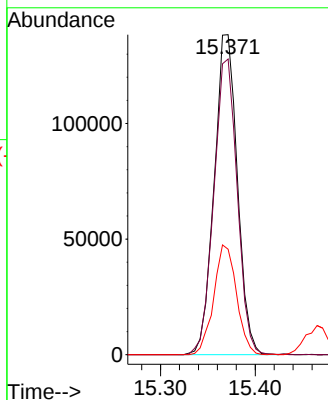
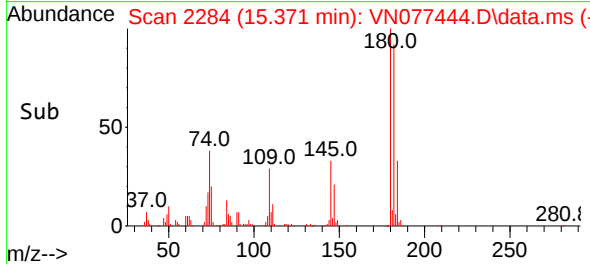
Tgt Ion:180 Resp: 23562
Ion Ratio Lower Upper
180 100
182 93.1 46.1 138.2
145 33.7 16.6 49.8

Manual Integrations

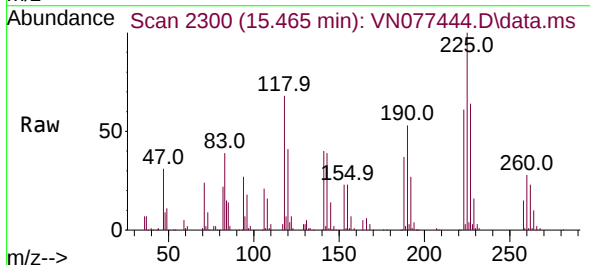
APPROVED

Reviewed By :John Carlone 04/25/2023

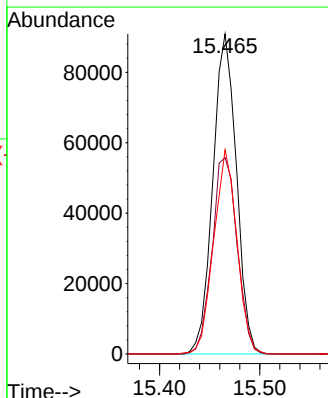
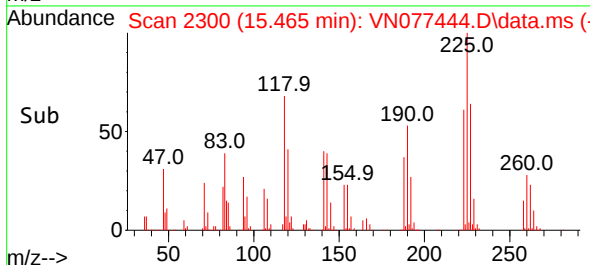
Supervised By :Mahesh Dadoda 04/25/2023

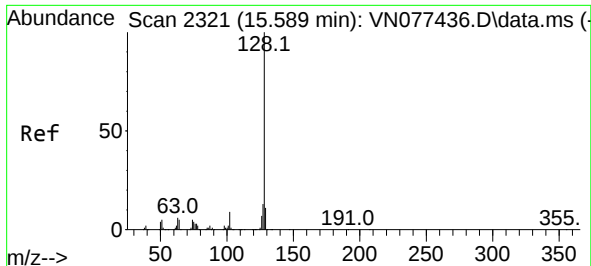


#94
Hexachlorobutadiene
Concen: 49.809 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16



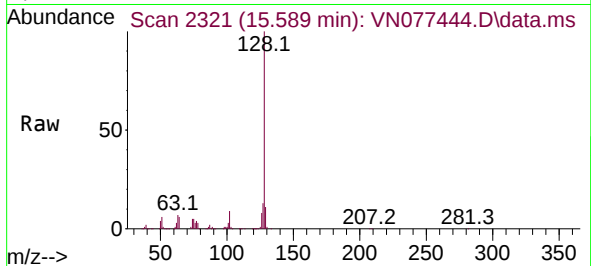
Tgt Ion:225 Resp: 148224
Ion Ratio Lower Upper
225 100
223 65.2 31.3 93.8
227 63.0 31.9 95.9





#95
Naphthalene
Concen: 50.884 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

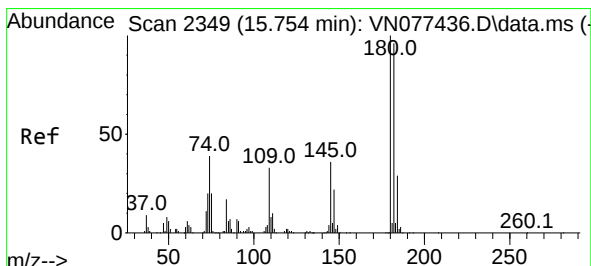
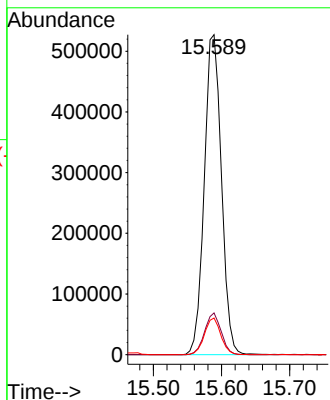
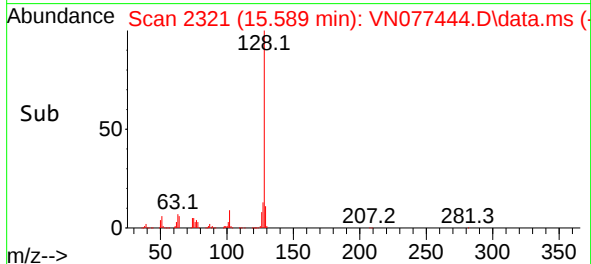
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 922493
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.0 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: 48.950 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077444.D
Acq: 25 Apr 2023 03:16

Tgt Ion:180 Resp: 214948
Ion Ratio Lower Upper
180 100
182 94.9 46.2 138.6
145 36.1 17.5 52.6

