

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077037.D
 Acq On : 17 Mar 2023 16:42
 Operator : JC\MD
 Sample : VN0317WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBS01

Quant Time: Mar 18 02:30:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	375125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	669152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	592705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	260658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	266132	44.415	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.820%		
35) Dibromofluoromethane	8.172	113	202120	43.131	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.260%		
50) Toluene-d8	10.572	98	757984	45.281	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.560%		
62) 4-Bromofluorobenzene	12.854	95	270138	45.669	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	70946	19.292	ug/l	98
3) Chloromethane	2.378	50	59270	15.682	ug/l	94
4) Vinyl Chloride	2.525	62	72167	17.690	ug/l	94
5) Bromomethane	2.972	94	52830	19.172	ug/l	100
6) Chloroethane	3.131	64	45046	17.450	ug/l	97
7) Trichlorofluoromethane	3.507	101	163578	18.638	ug/l	95
8) Diethyl Ether	3.978	74	61898	18.740	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	91385	18.356	ug/l	100
10) Methyl Iodide	4.601	142	104223	18.587	ug/l	95
11) Tert butyl alcohol	5.537	59	87510	100.225	ug/l	98
12) 1,1-Dichloroethene	4.354	96	84545	18.564	ug/l	98
13) Acrolein	4.195	56	114983	106.471	ug/l	98
14) Allyl chloride	5.037	41	157388	18.877	ug/l	99
15) Acrylonitrile	5.731	53	283607	96.620	ug/l	99
16) Acetone	4.442	43	250091	93.671	ug/l	99
17) Carbon Disulfide	4.725	76	235088	17.703	ug/l	99
18) Methyl Acetate	5.037	43	193165	19.186	ug/l	99
19) Methyl tert-butyl Ether	5.813	73	311630	19.065	ug/l	98
20) Methylene Chloride	5.289	84	109445	18.888	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	91089	18.453	ug/l	96
22) Diisopropyl ether	6.684	45	358852	19.644	ug/l	99
23) Vinyl Acetate	6.613	43	1143276	99.178	ug/l	99
24) 1,1-Dichloroethane	6.584	63	194436	18.601	ug/l	99
25) 2-Butanone	7.489	43	381429	97.661	ug/l	99
26) 2,2-Dichloropropane	7.501	77	148029	18.821	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	110017	19.460	ug/l	98
28) Bromochloromethane	7.825	49	78351	17.260	ug/l	99
29) Tetrahydrofuran	7.848	42	254756	100.659	ug/l	100
30) Chloroform	7.972	83	192317	18.955	ug/l	95
31) Cyclohexane	8.266	56	188591	19.237	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	159357	18.377	ug/l	99
36) 1,1-Dichloropropene	8.378	75	144220	19.704	ug/l	99
37) Ethyl Acetate	7.572	43	155509	19.857	ug/l	98
38) Carbon Tetrachloride	8.372	117	133978	18.793	ug/l	99
39) Methylcyclohexane	9.607	83	167925	19.601	ug/l	99
40) Benzene	8.613	78	424589	19.127	ug/l	98

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 Quant Title : SW846 8260
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 Supervised By : Mahesh Dadoda 03/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	84265	20.427	ug/l	95
42) 1,2-Dichloroethane	8.678	62	150932	18.816	ug/l	99
43) Isopropyl Acetate	8.695	43	242351	19.810	ug/l	100
44) Trichloroethene	9.360	130	92906	18.221	ug/l	97
45) 1,2-Dichloropropane	9.624	63	113543	19.259	ug/l	97
46) Dibromomethane	9.713	93	70440	18.945	ug/l	98
47) Bromodichloromethane	9.889	83	147689	18.939	ug/l	97
48) Methyl methacrylate	9.683	41	117760	20.135	ug/l	99
49) 1,4-Dioxane	9.701	88	42379	424.251	ug/l	95
51) 4-Methyl-2-Pentanone	10.448	43	775242	101.762	ug/l	100
52) Toluene	10.636	92	265078	20.000	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	148118	19.379	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	166734	19.334	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	100713	19.270	ug/l	97
56) Ethyl methacrylate	10.877	69	156857	19.959	ug/l	99
57) 1,3-Dichloropropane	11.166	76	181326	18.950	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	334352	99.791	ug/l	100
59) 2-Hexanone	11.201	43	557979	100.982	ug/l	98
60) Dibromochloromethane	11.360	129	99874	19.024	ug/l	98
61) 1,2-Dibromoethane	11.471	107	96278	18.576	ug/l	99
64) Tetrachloroethene	11.107	164	76340	19.191	ug/l	94
65) Chlorobenzene	11.895	112	256855	18.835	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	93565	18.542	ug/l	98
67) Ethyl Benzene	11.966	91	480622	19.403	ug/l	100
68) m/p-Xylenes	12.077	106	364387	39.665	ug/l	100
69) o-Xylene	12.401	106	180690	19.795	ug/l	99
70) Styrene	12.418	104	286102	20.132	ug/l	99
71) Bromoform	12.583	173	64806	18.953	ug/l #	100
73) Isopropylbenzene	12.701	105	461387	19.752	ug/l	100
74) N-amyl acetate	12.495	43	199501	19.732	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	156576	18.502	ug/l	99
76) 1,2,3-Trichloropropane	13.001	75	138024m	20.471	ug/l	
77) Bromobenzene	12.983	156	100861	19.275	ug/l	96
78) n-propylbenzene	13.042	91	538342	19.964	ug/l	99
79) 2-Chlorotoluene	13.130	91	339320	19.748	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	398818	20.449	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	43899	17.922	ug/l #	84
82) 4-Chlorotoluene	13.224	91	321017	19.647	ug/l	100
83) tert-Butylbenzene	13.442	119	325701	19.890	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	393133	20.200	ug/l	99
85) sec-Butylbenzene	13.618	105	475238	20.402	ug/l	100
86) p-Isopropyltoluene	13.736	119	386275	20.650	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	184175	18.623	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	177924	18.082	ug/l	99
89) n-Butylbenzene	14.060	91	321798	19.610	ug/l	100
90) Hexachloroethane	14.336	117	68632	18.046	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	182991	18.563	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	30179	19.245	ug/l	97
93) 1,2,4-Trichlorobenzene	15.401	180	87227	19.573	ug/l	100
94) Hexachlorobutadiene	15.501	225	46235	18.839	ug/l	98
95) Naphthalene	15.648	128	285238	17.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	87787	19.632	ug/l	98

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ClientSampleId :
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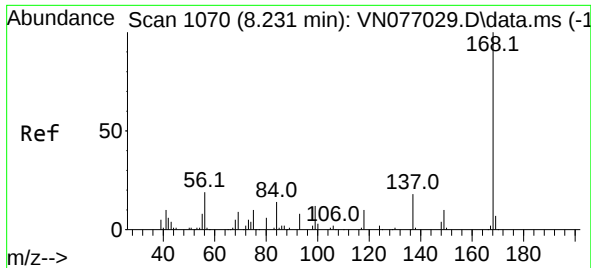
Manual Integrations
APPROVED

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Quant Time: Mar 18 02:30:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 18 02:17:37 2023
Response via : Initial Calibration

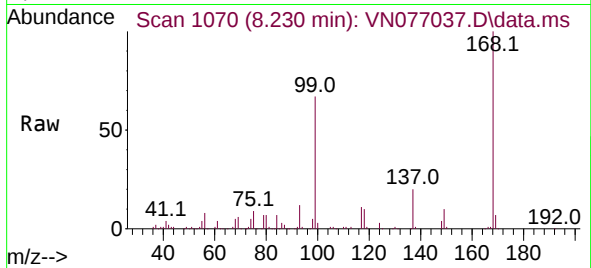
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077037.D
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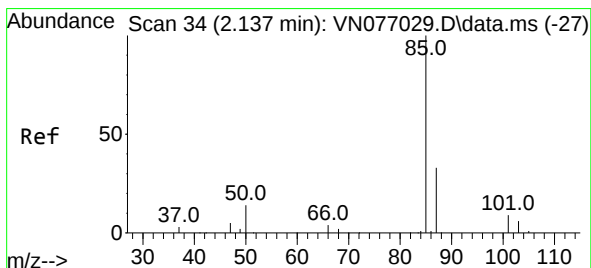
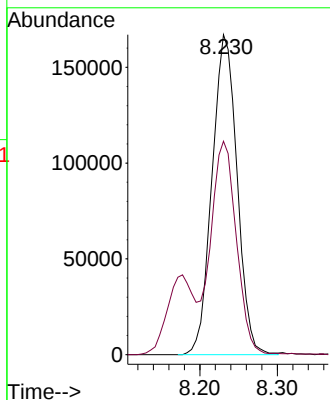
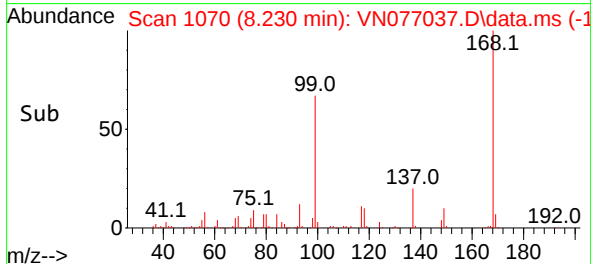
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



Tgt Ion:168 Resp: 375129
Ion Ratio Lower Upper
168 100
99 66.3 53.9 80.9

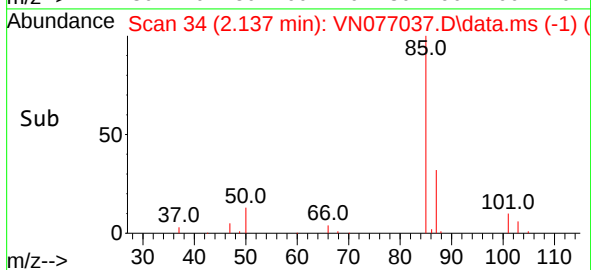
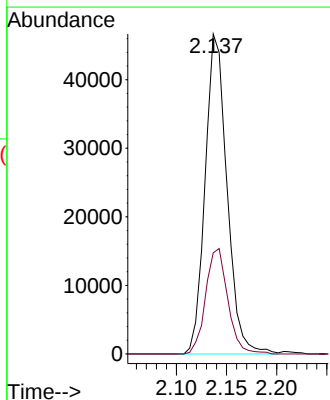
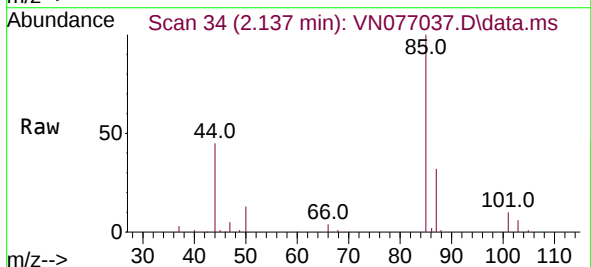
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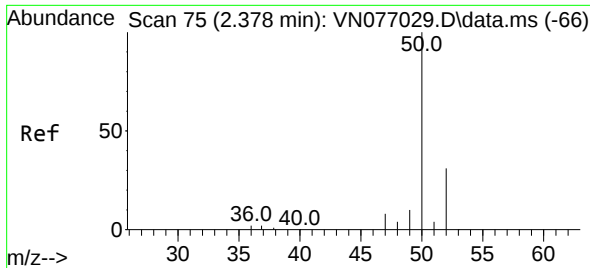
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#2
Dichlorodifluoromethane
Concen: 19.292 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

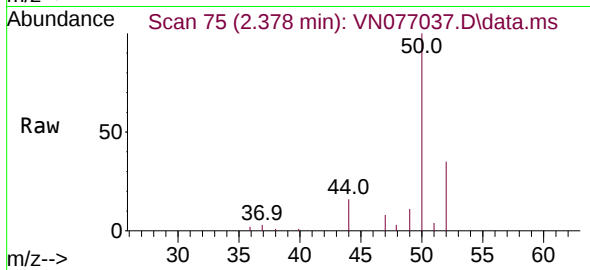
Tgt Ion: 85 Resp: 70946
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.2





#3
Chloromethane
Concen: 15.682 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

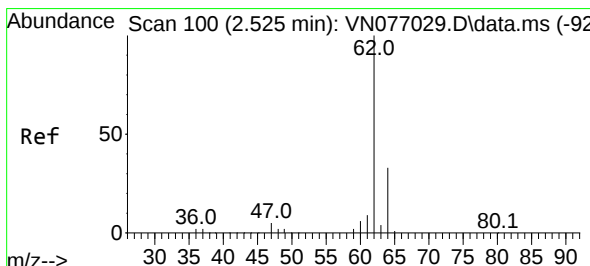
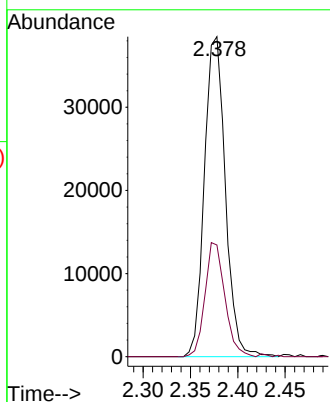
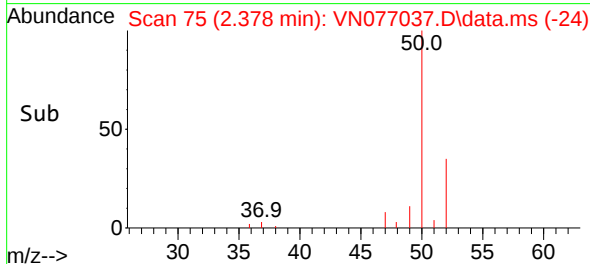
Instrument :
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Tgt Ion: 50 Resp: 59270
Ion Ratio Lower Upper
50 100
52 34.9 25.1 37.7

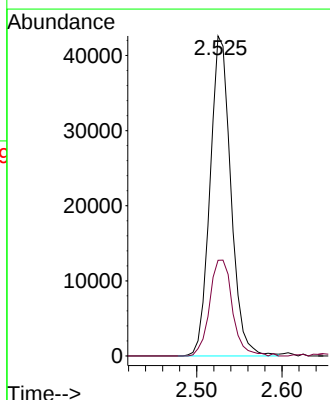
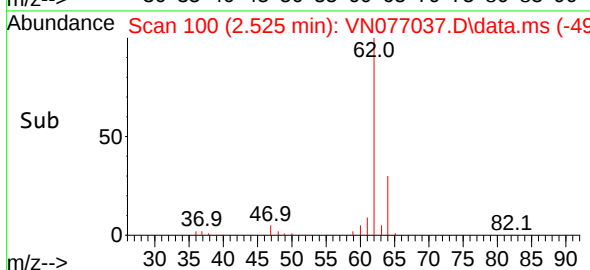
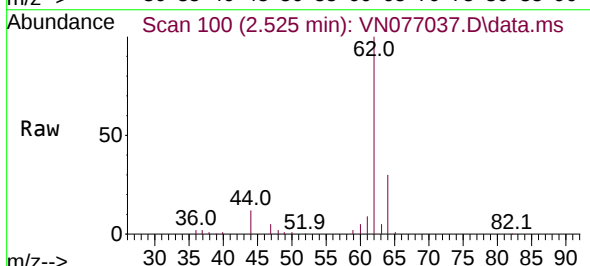
Manual Integrations
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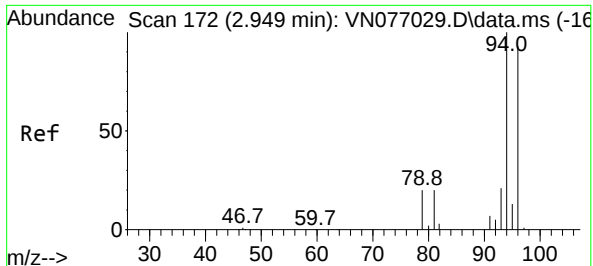
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#4
Vinyl Chloride
Concen: 17.690 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 62 Resp: 72167
Ion Ratio Lower Upper
62 100
64 29.9 26.6 40.0





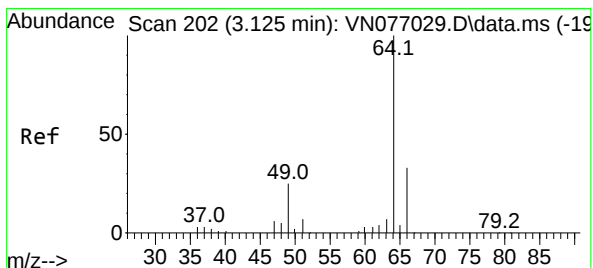
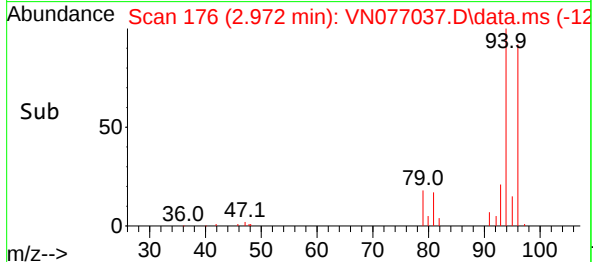
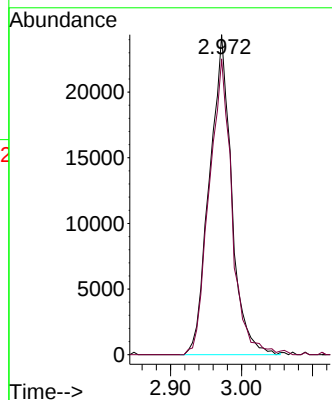
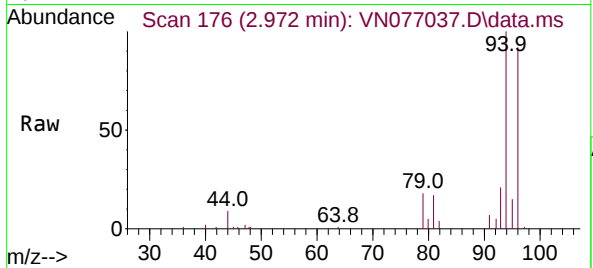
#5
Bromomethane
Concen: 19.172 ug/l
RT: 2.972 min Scan# 176
Delta R.T. 0.023 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Instrument :
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Tgt Ion: 94 Resp: 52830
Ion Ratio Lower Upper
94 100
96 92.5 74.1 111.1

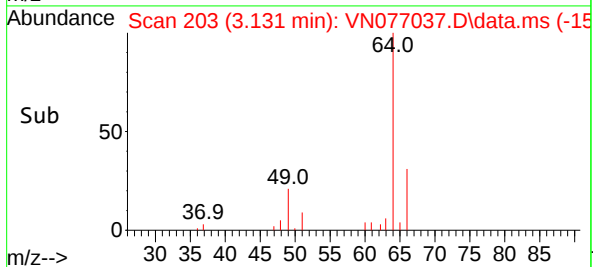
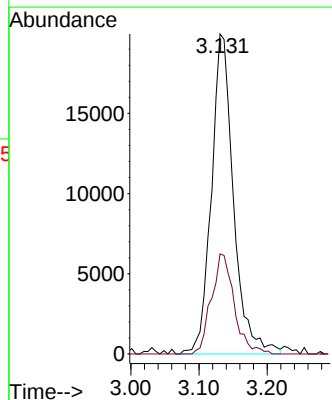
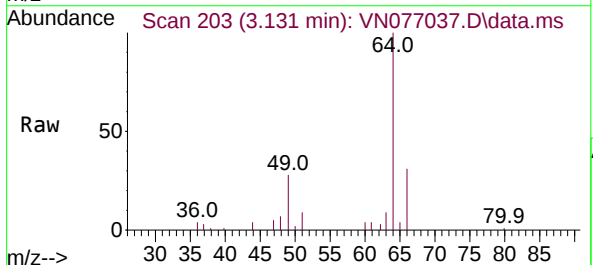
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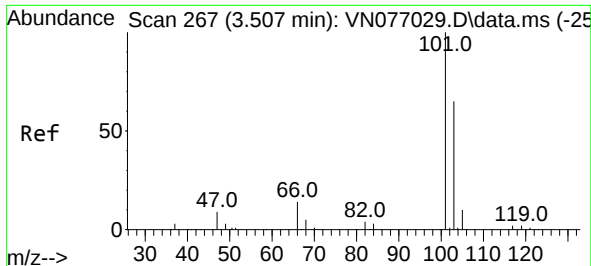
Reviewed By :John Carlone 03/20/2023
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#6
Chloroethane
Concen: 17.450 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

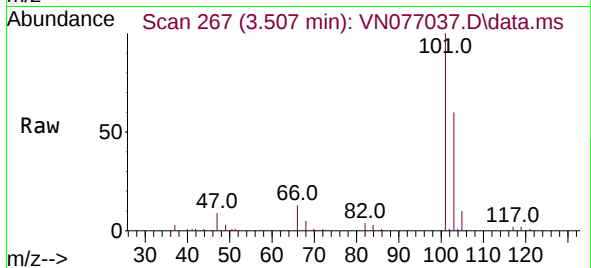
Tgt Ion: 64 Resp: 45046
Ion Ratio Lower Upper
64 100
66 31.3 26.3 39.5





#7
Trichlorofluoromethane
Concen: 18.638 ug/l
RT: 3.507 min Scan# 267
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

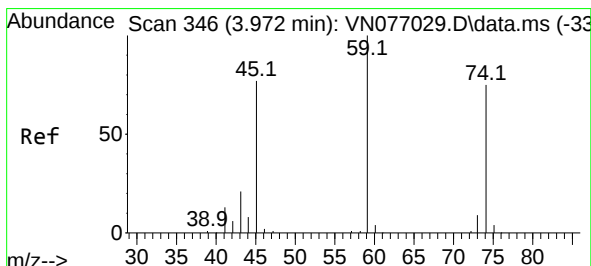
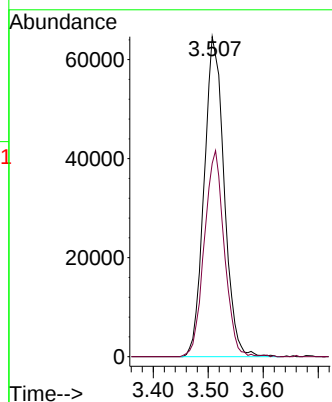
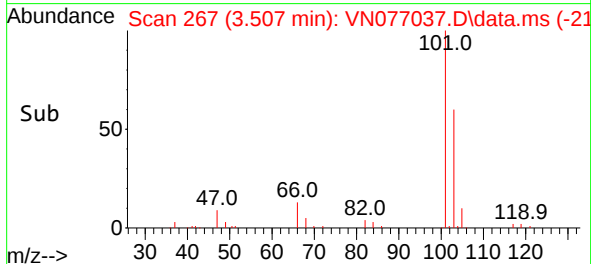
Instrument :
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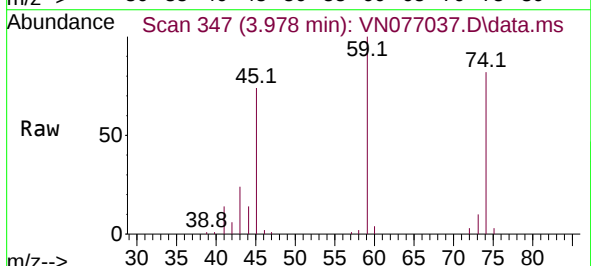
Tgt Ion:101 Resp: 163578
Ion Ratio Lower Upper
101 100
103 60.4 51.8 77.6

Manual Integrations
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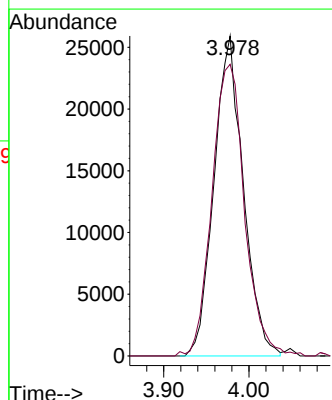
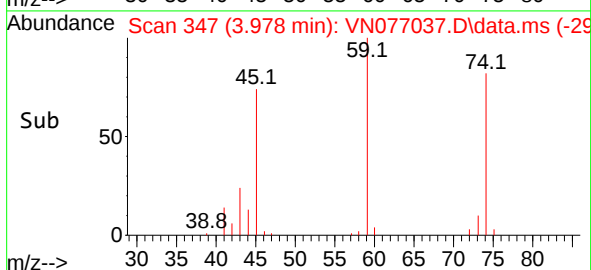
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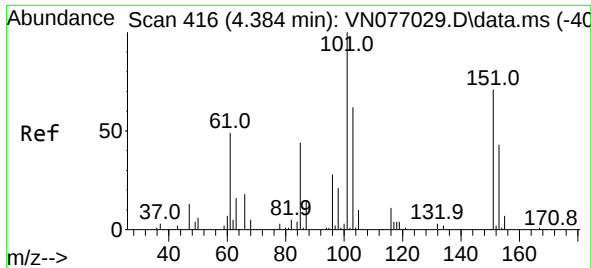


#8
Diethyl Ether
Concen: 18.740 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42



Tgt Ion: 74 Resp: 61898
Ion Ratio Lower Upper
74 100
45 101.4 50.8 152.5





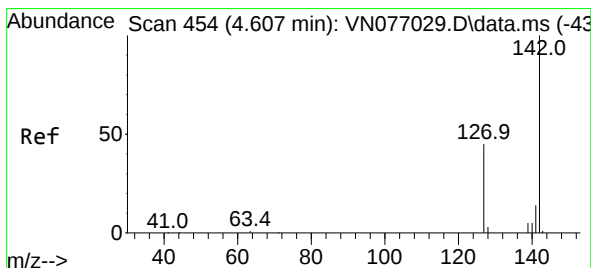
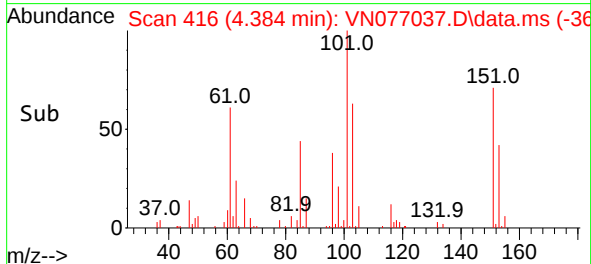
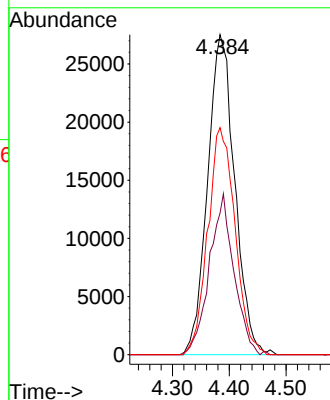
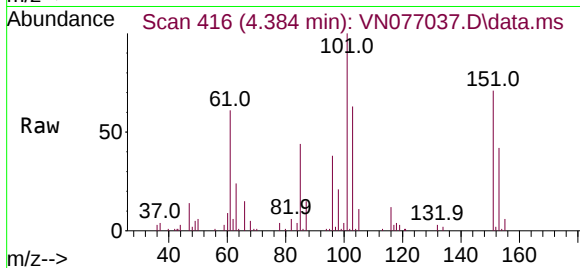
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.356 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

Tgt Ion:101 Resp: 91385
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 71.1 56.9 85.3

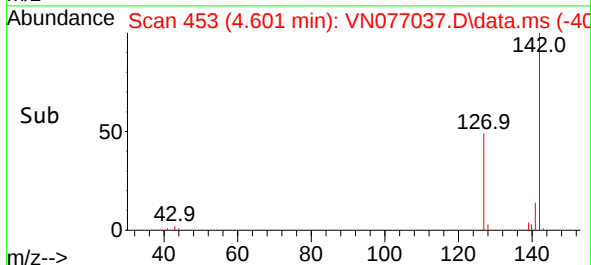
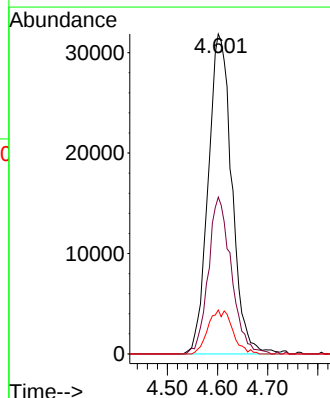
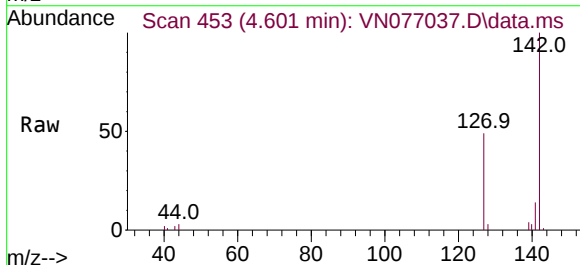
Manual Integrations
APPROVED

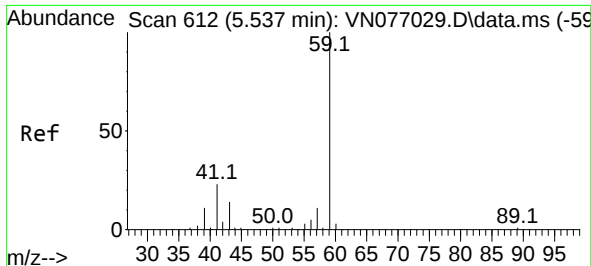
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#10
Methyl Iodide
Concen: 18.587 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion:142 Resp: 104223
Ion Ratio Lower Upper
142 100
127 49.0 36.1 54.1
141 13.8 10.8 16.2





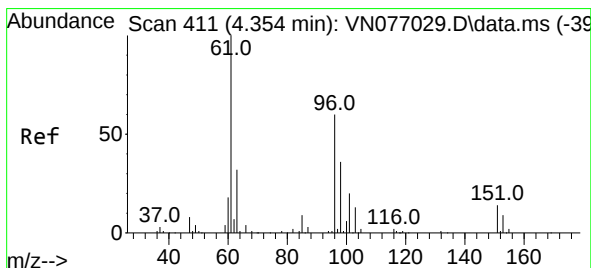
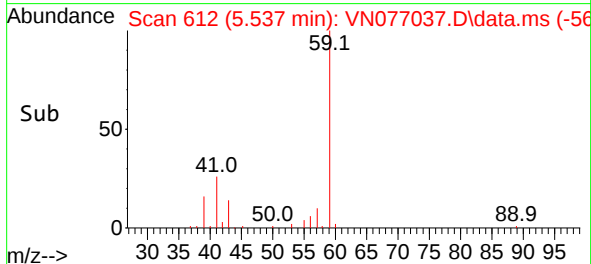
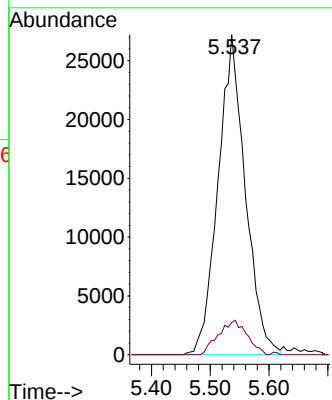
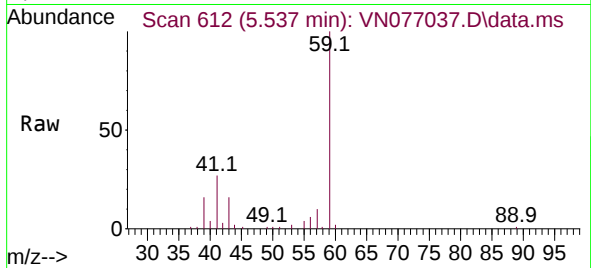
#11
Tert butyl alcohol
Concen: 100.225 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

Tgt Ion: 59 Resp: 87510
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

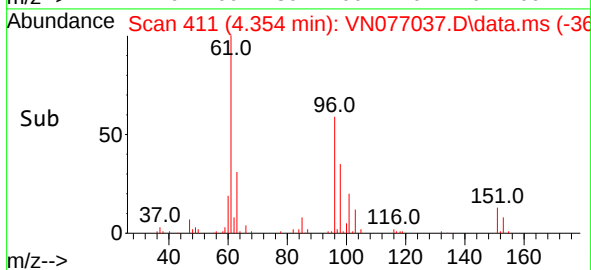
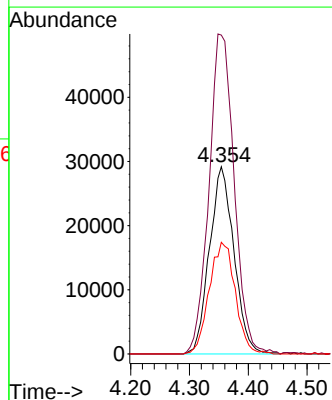
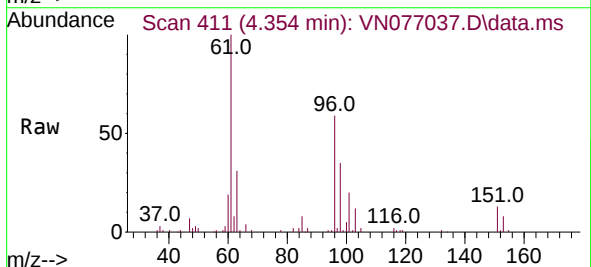
Manual Integrations
APPROVED

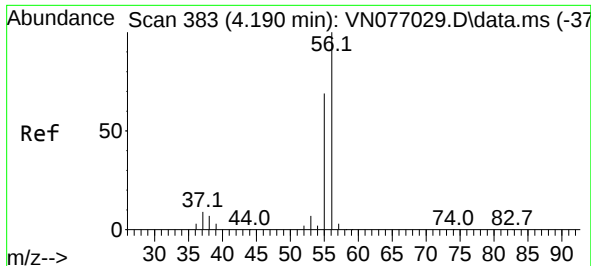
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#12
1,1-Dichloroethene
Concen: 18.564 ug/l
RT: 4.354 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

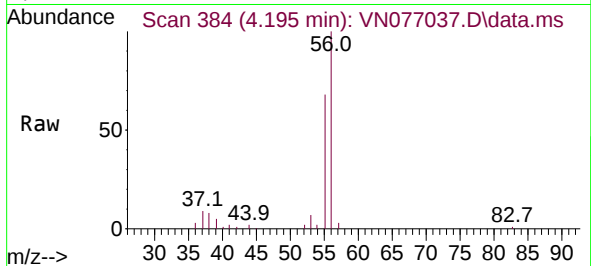
Tgt Ion: 96 Resp: 84545
Ion Ratio Lower Upper
96 100
61 170.4 133.8 200.8
98 59.7 48.6 72.8





#13
Acrolein
Concen: 106.471 ug/l
RT: 4.195 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

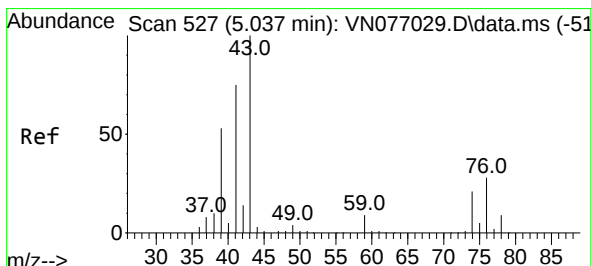
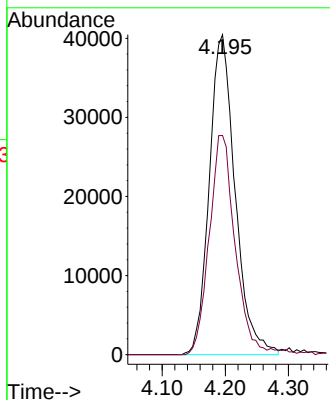
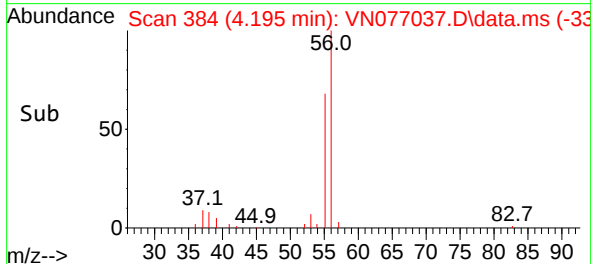
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



Tgt Ion: 56 Resp: 11498
Ion Ratio Lower Upper
56 100
55 69.3 57.0 85.6

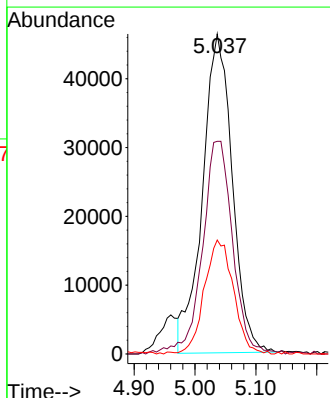
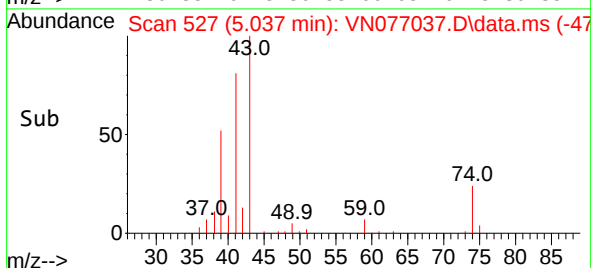
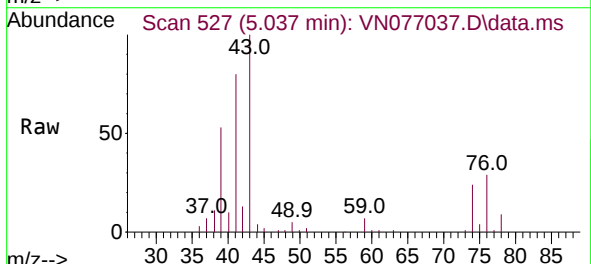
Manual Integrations
APPROVED

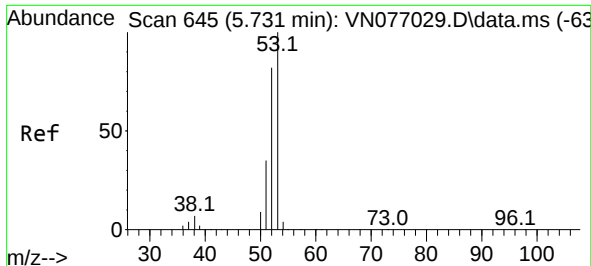
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#14
Allyl chloride
Concen: 18.877 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

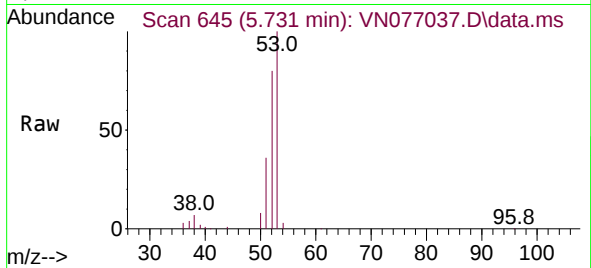
Tgt Ion: 41 Resp: 157388
Ion Ratio Lower Upper
41 100
39 68.0 53.8 80.8
76 34.9 26.7 40.1





#15
Acrylonitrile
Concen: 96.620 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

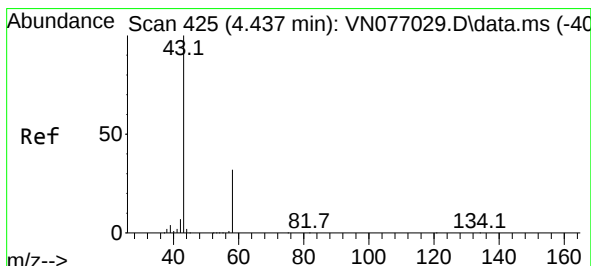
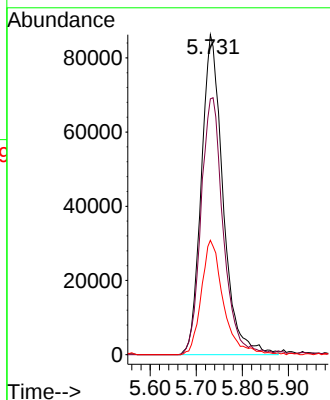
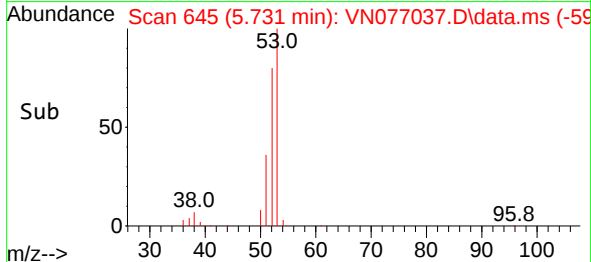
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



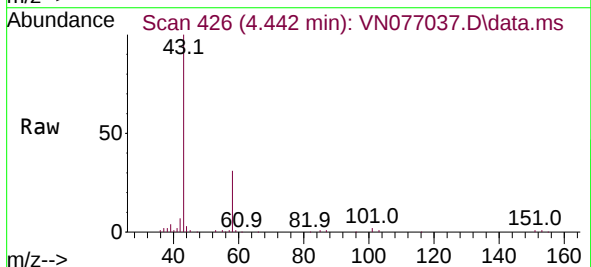
Tgt Ion: 53 Resp: 28360
Ion Ratio Lower Upper
53 100
52 82.0 64.6 97.0
51 36.2 28.3 42.5

Manual Integrations
APPROVED

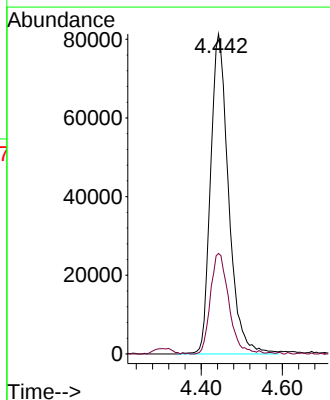
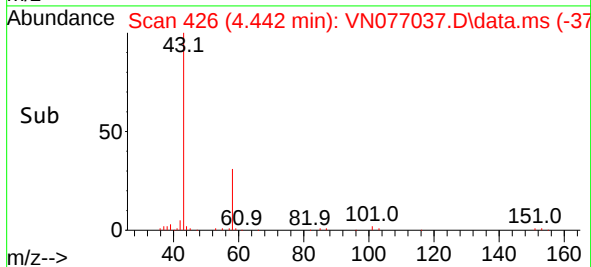
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

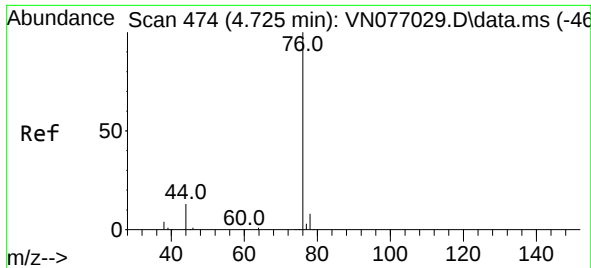


#16
Acetone
Concen: 93.671 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42



Tgt Ion: 43 Resp: 250091
Ion Ratio Lower Upper
43 100
58 30.9 25.4 38.0





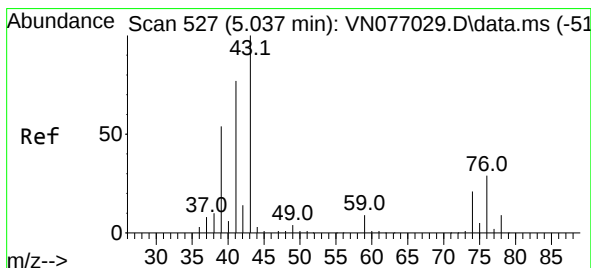
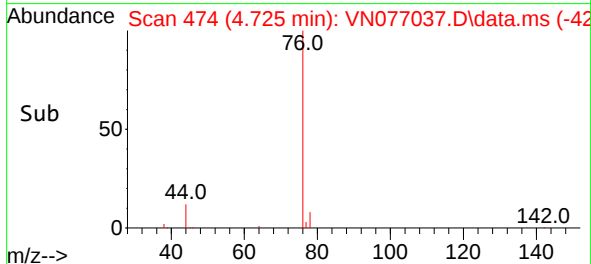
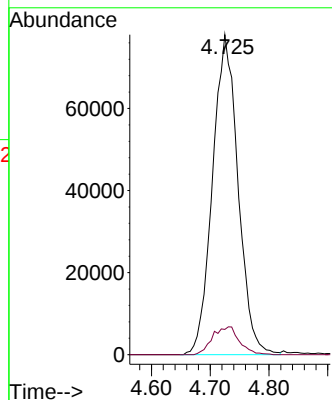
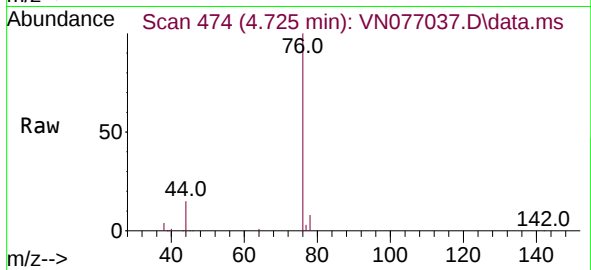
#17
Carbon Disulfide
Concen: 17.703 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

Tgt Ion: 76 Resp: 235088
Ion Ratio Lower Upper
76 100
78 7.9 6.6 10.0

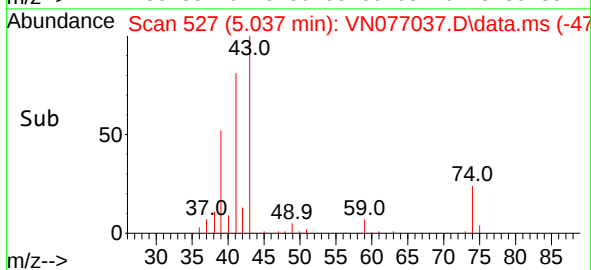
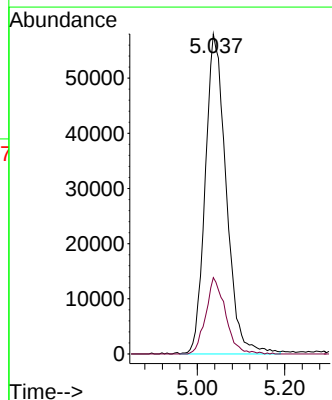
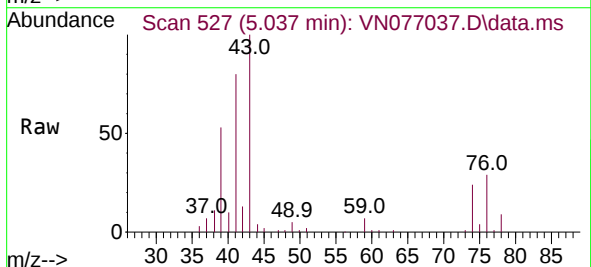
Manual Integrations
APPROVED

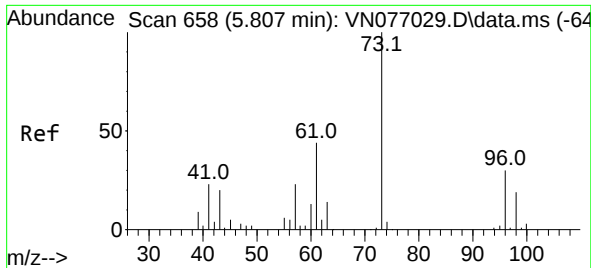
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#18
Methyl Acetate
Concen: 19.186 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 43 Resp: 193165
Ion Ratio Lower Upper
43 100
74 22.5 17.7 26.5





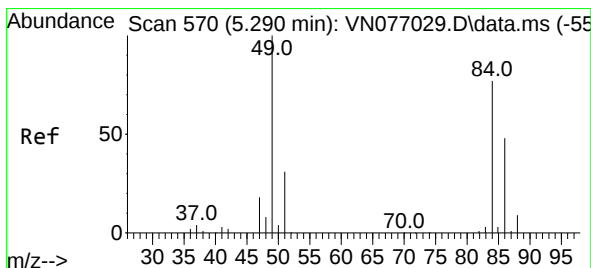
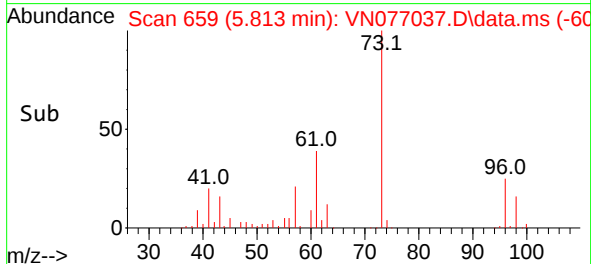
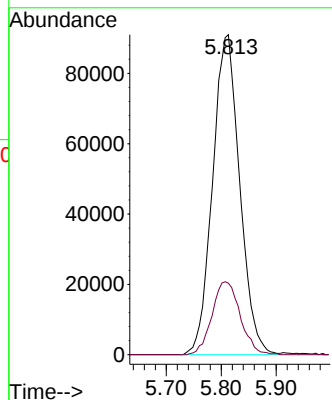
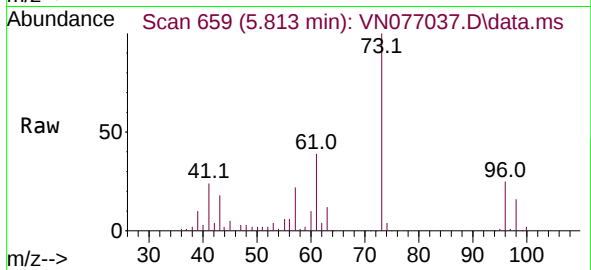
#19
Methyl tert-butyl Ether
Concen: 19.065 ug/l
RT: 5.813 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

Tgt Ion: 73 Resp: 311630
Ion Ratio Lower Upper
73 100
57 22.3 18.7 28.1

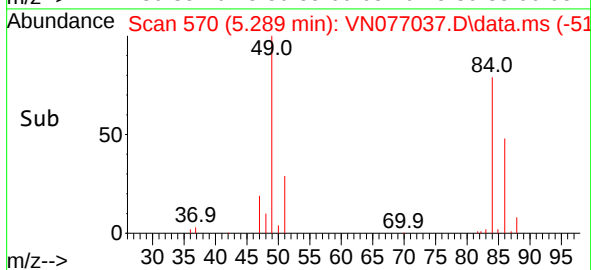
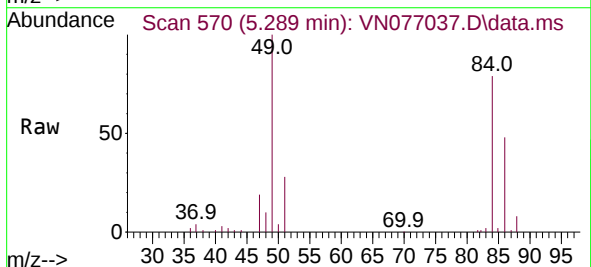
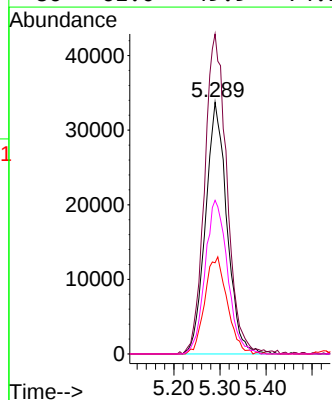
Manual Integrations
APPROVED

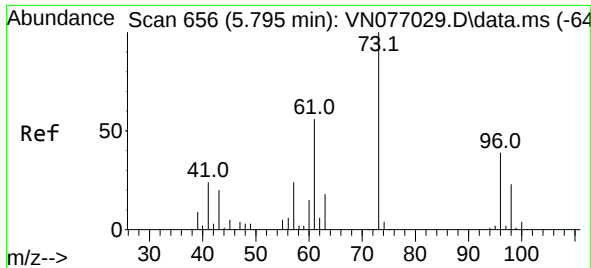
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#20
Methylene Chloride
Concen: 18.888 ug/l
RT: 5.289 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

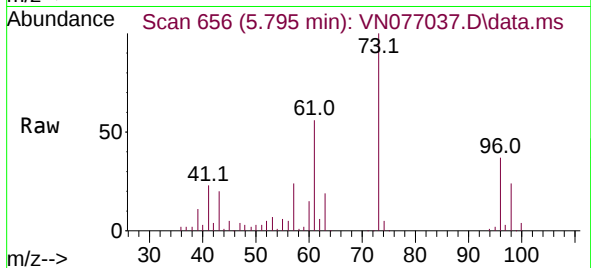
Tgt Ion: 84 Resp: 109445
Ion Ratio Lower Upper
84 100
49 127.2 103.8 155.6
51 36.2 32.3 48.5
86 61.0 49.9 74.9





#21
trans-1,2-Dichloroethene
Concen: 18.453 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

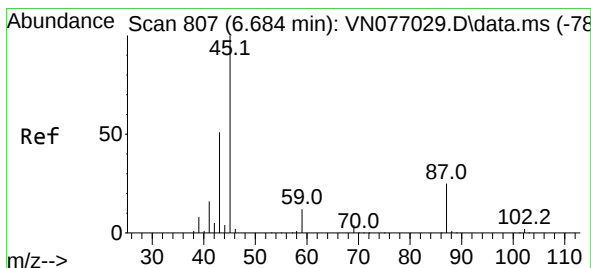
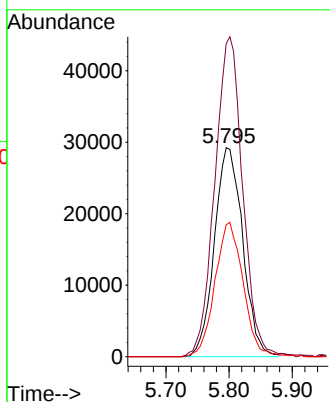
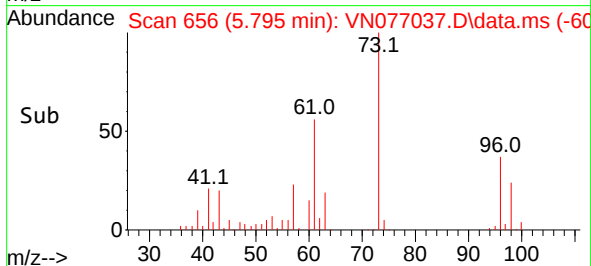
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



Tgt Ion: 96 Resp: 91089
Ion Ratio Lower Upper
96 100
61 149.8 115.8 173.6
98 63.1 48.2 72.2

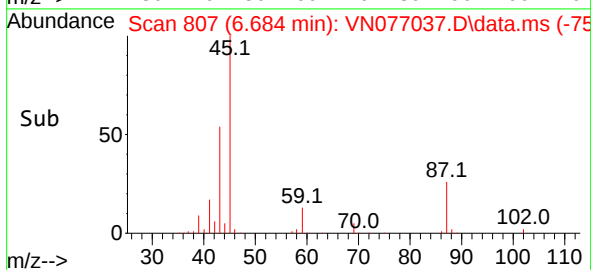
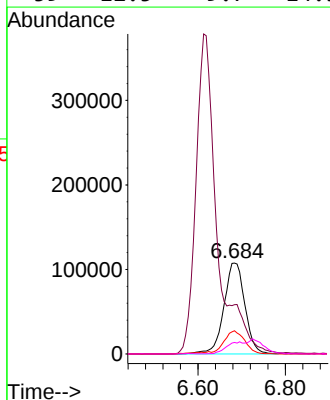
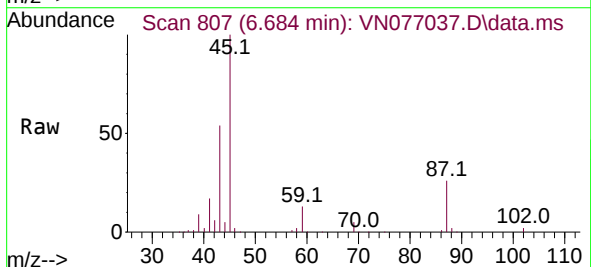
Manual Integrations
APPROVED

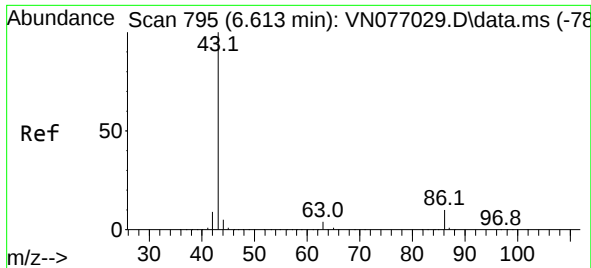
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#22
Diisopropyl ether
Concen: 19.644 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 45 Resp: 358852
Ion Ratio Lower Upper
45 100
43 53.3 41.5 62.3
87 25.6 20.6 30.8
59 12.5 9.7 14.5





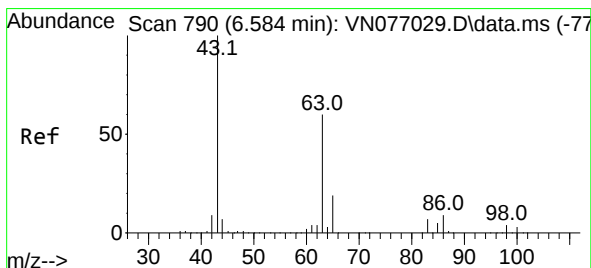
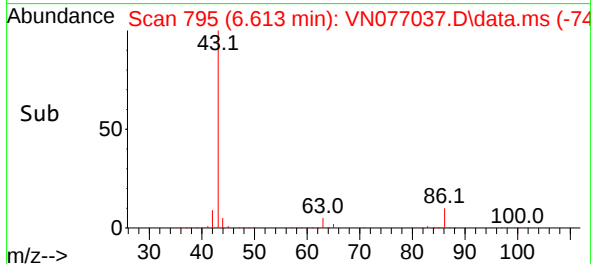
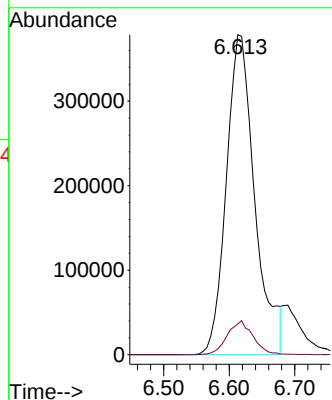
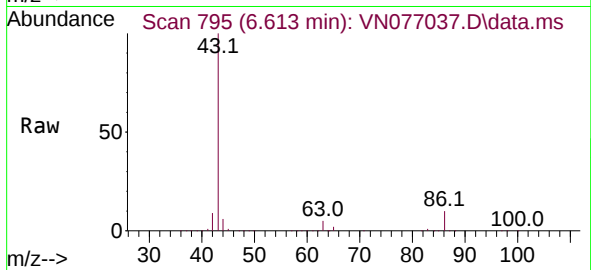
#23
 Vinyl Acetate
 Concen: 99.178 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBS01

Tgt Ion: 43 Resp: 1143270
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.0 12.0

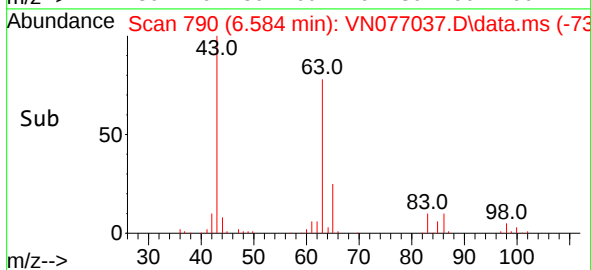
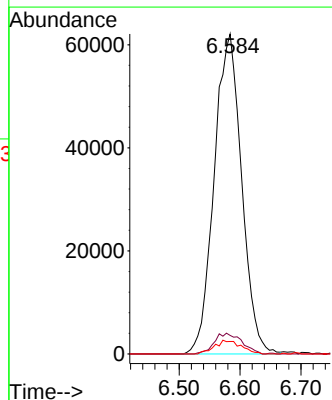
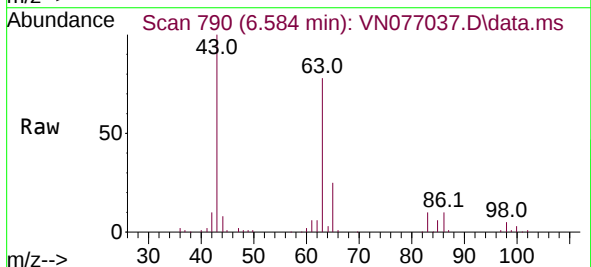
Manual Integrations
 APPROVED

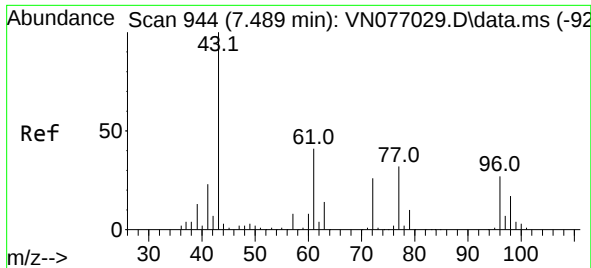
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#24
 1,1-Dichloroethane
 Concen: 18.601 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42

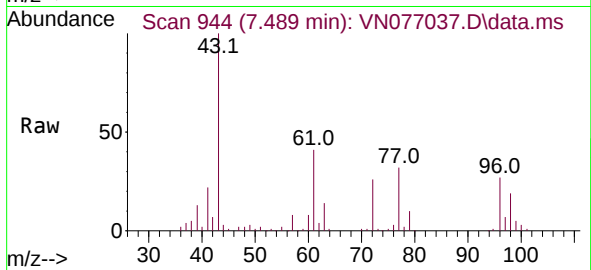
Tgt Ion: 63 Resp: 194436
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.1 9.4
 100 3.9 2.1 6.3





#25
2-Butanone
Concen: 97.661 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

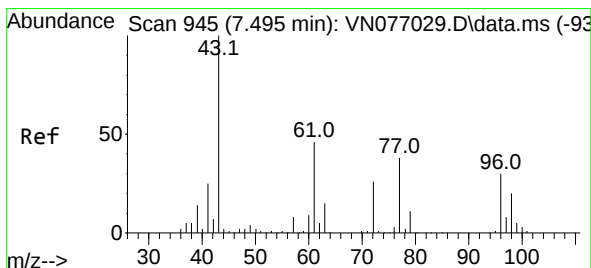
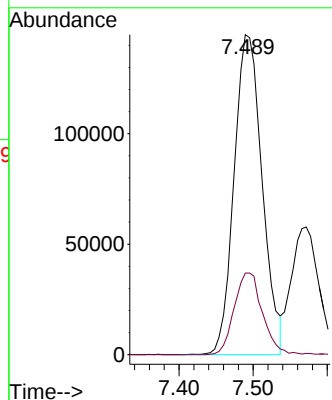
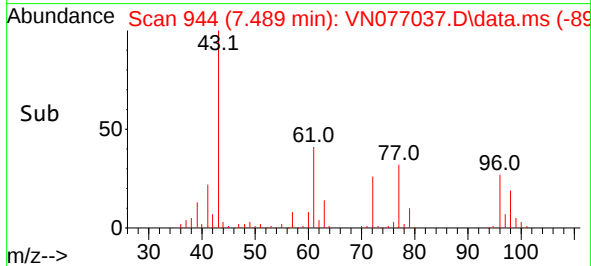
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



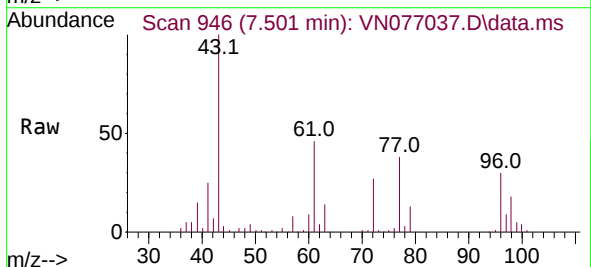
Tgt Ion: 43 Resp: 381429
Ion Ratio Lower Upper
43 100
72 25.5 20.7 31.1

Manual Integrations
APPROVED

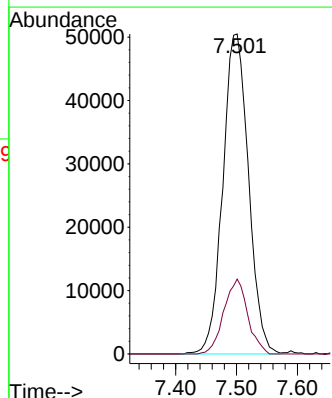
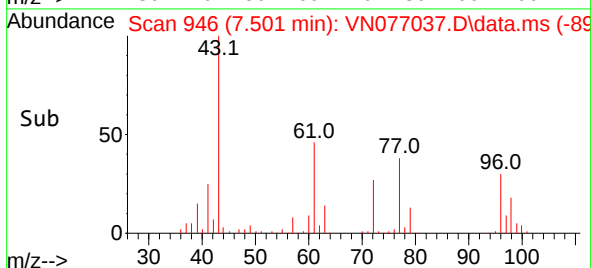
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

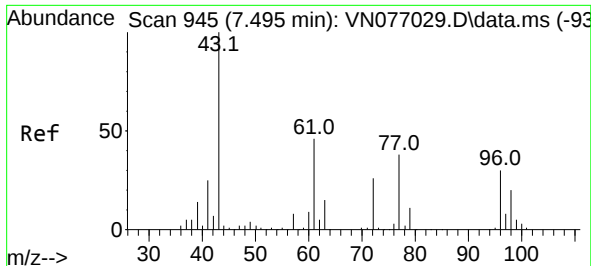


#26
2,2-Dichloropropane
Concen: 18.821 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42



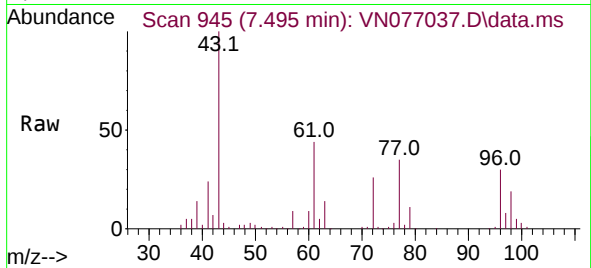
Tgt Ion: 77 Resp: 148029
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.460 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. -0.000 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42

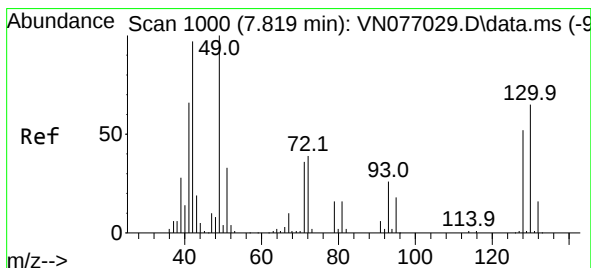
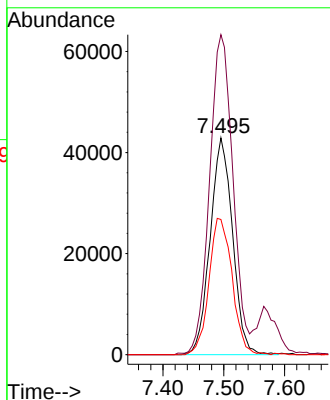
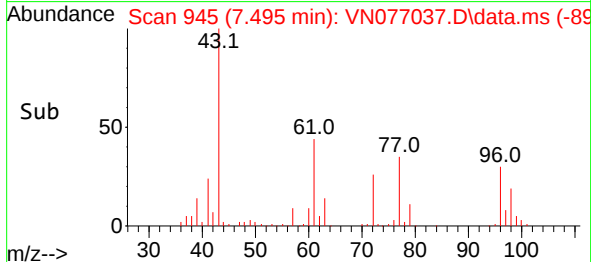
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBS01



Tgt Ion: 96 Resp: 11001
 Ion Ratio Lower Upper
 96 100
 61 153.5 0.0 315.4
 98 64.8 0.0 128.6

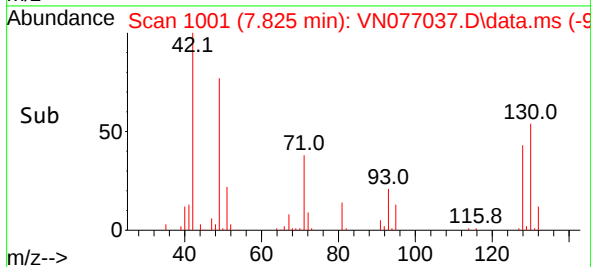
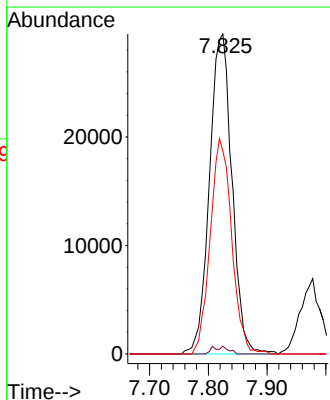
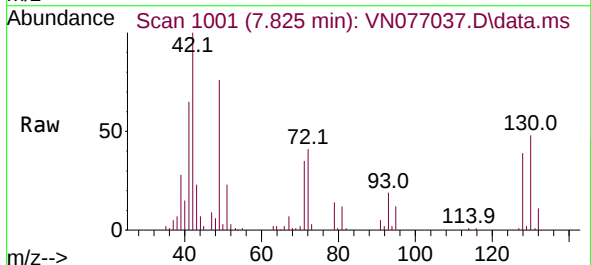
Manual Integrations
 APPROVED

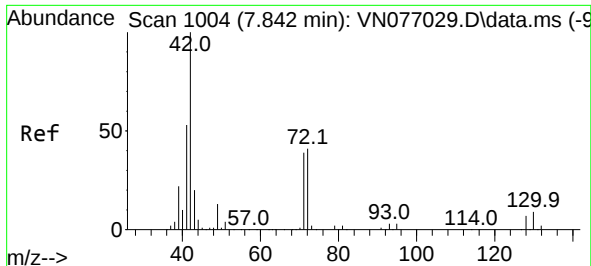
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#28
 Bromochloromethane
 Concen: 17.260 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42

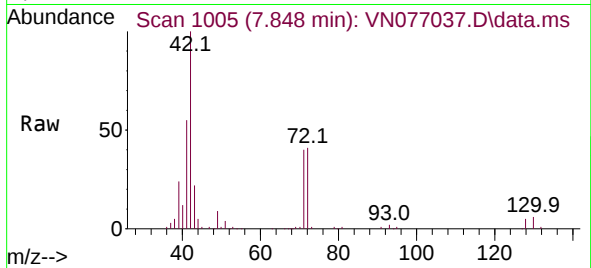
Tgt Ion: 49 Resp: 78351
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.2
 130 64.4 51.9 77.9





#29
Tetrahydrofuran
Concen: 100.659 ug/l
RT: 7.848 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

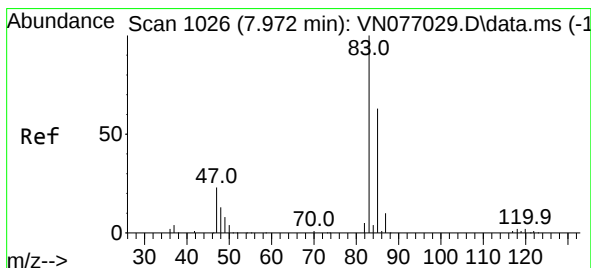
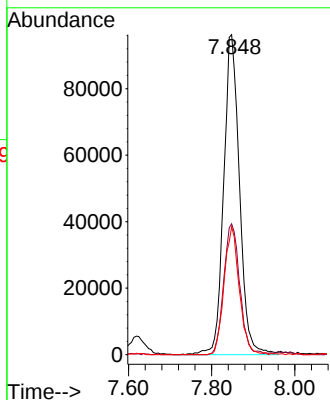
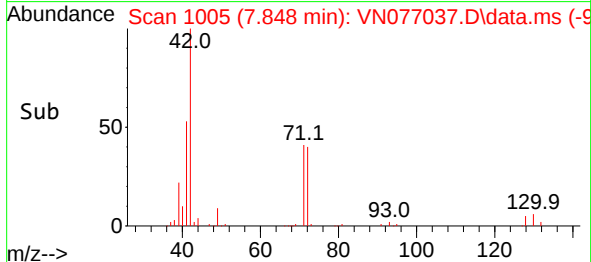
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



Tgt Ion: 42 Resp: 254750
Ion Ratio Lower Upper
42 100
72 41.5 33.2 49.8
71 38.3 31.0 46.4

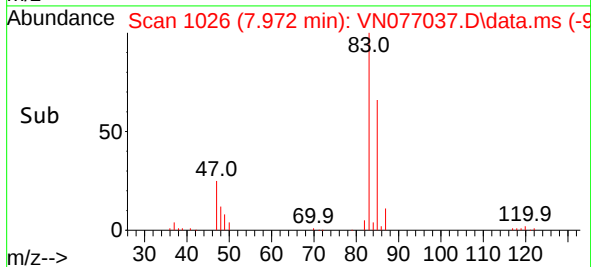
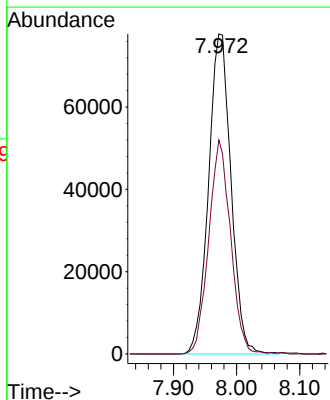
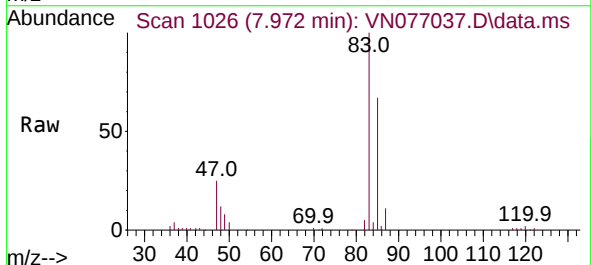
Manual Integrations
APPROVED

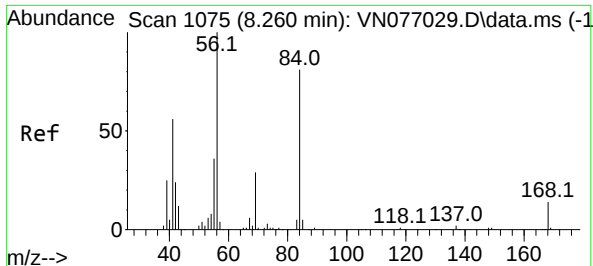
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#30
Chloroform
Concen: 18.955 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

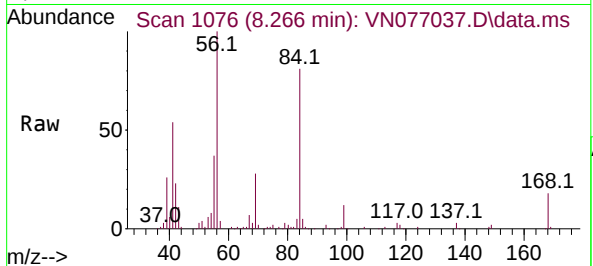
Tgt Ion: 83 Resp: 192317
Ion Ratio Lower Upper
83 100
85 66.8 50.6 75.8





#31
Cyclohexane
Concen: 19.237 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

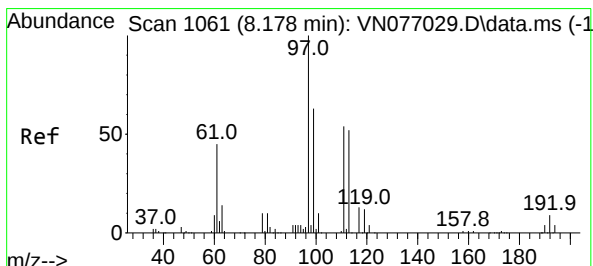
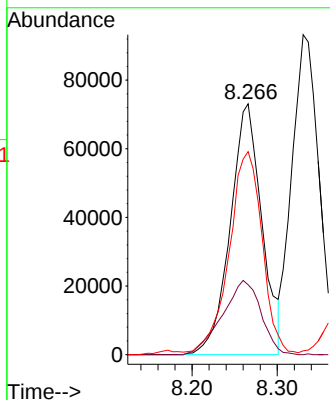
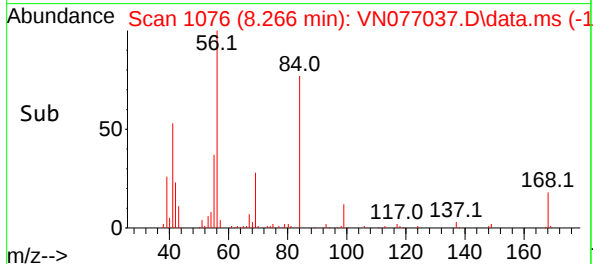
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



Tgt Ion: 56 Resp: 18859
Ion Ratio Lower Upper
56 100
69 27.9 22.8 34.2
84 79.7 64.7 97.1

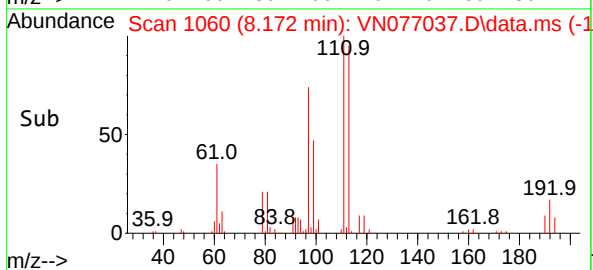
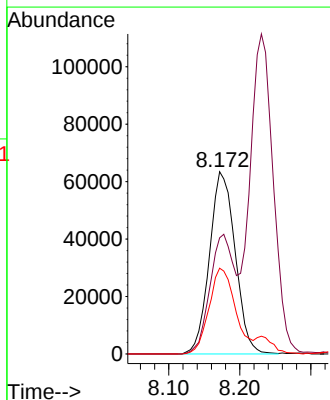
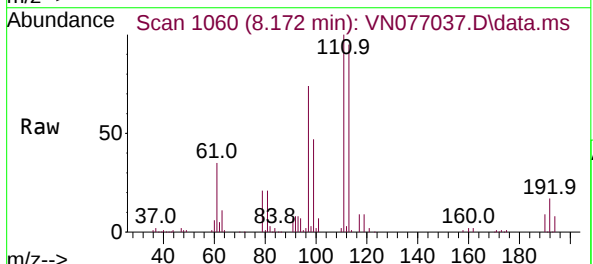
Manual Integrations
APPROVED

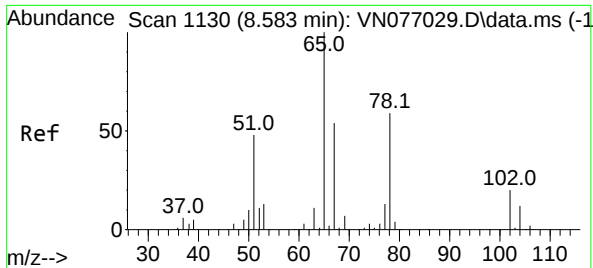
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#32
1,1,1-Trichloroethane
Concen: 18.377 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 97 Resp: 159357
Ion Ratio Lower Upper
97 100
99 61.2 50.2 75.2
61 48.4 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 44.415 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

Tgt Ion: 65 Resp: 26613

Ion Ratio Lower Upper

65 100

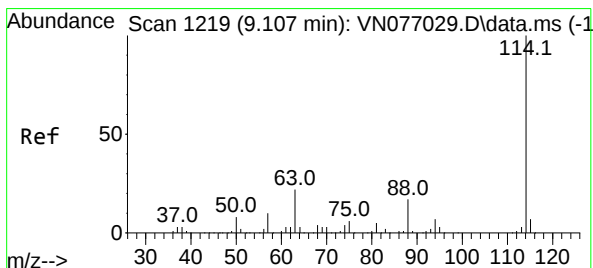
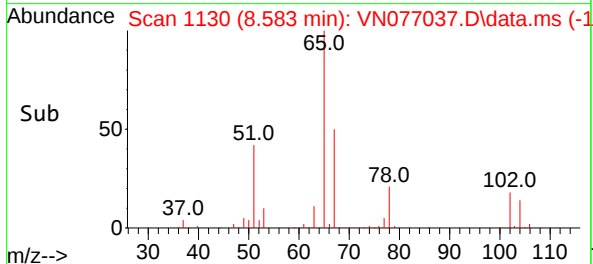
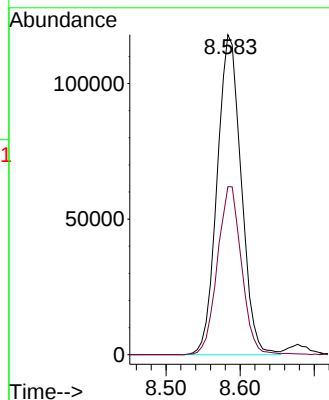
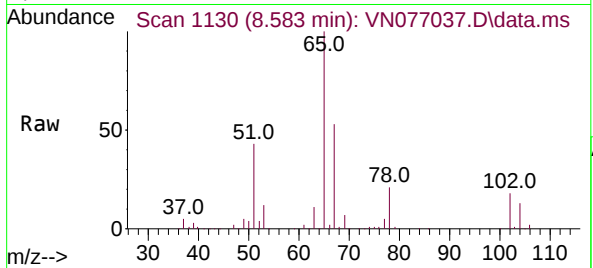
67 52.8 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

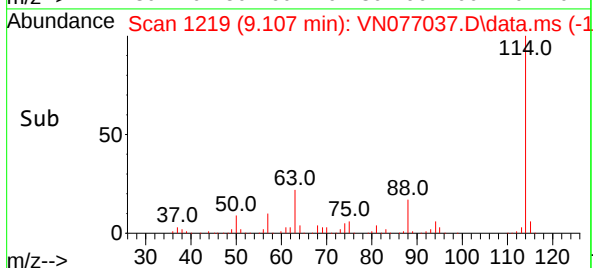
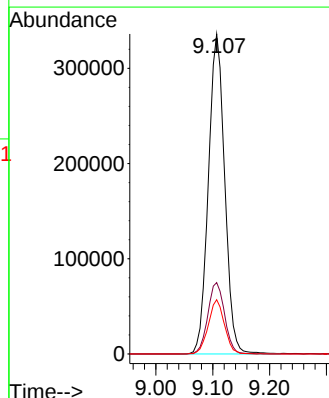
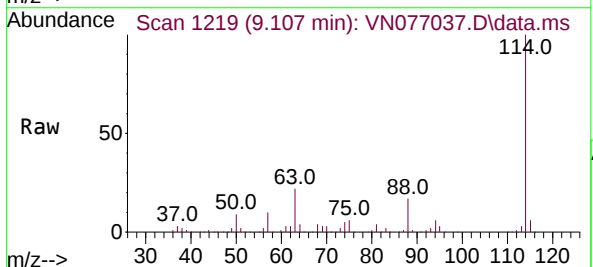
Tgt Ion:114 Resp: 669152

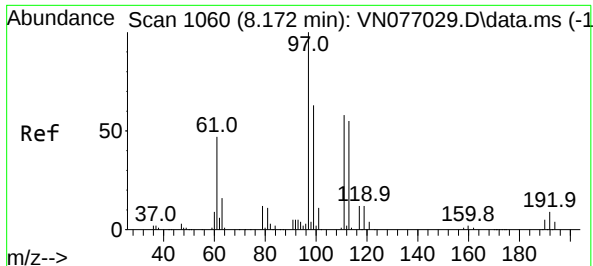
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 43.131 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

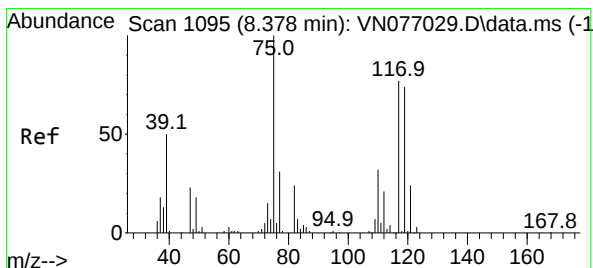
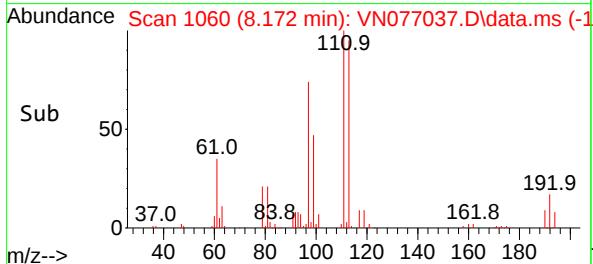
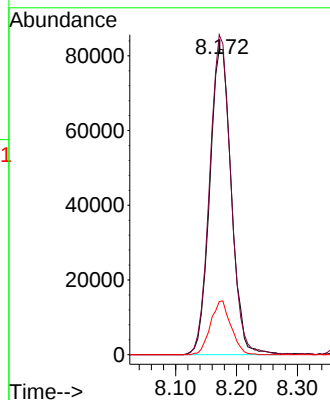
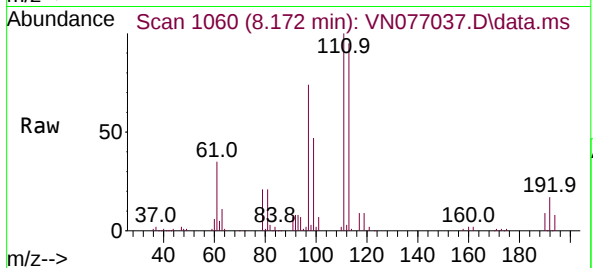
Tgt Ion:	113	Resp:	202120
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.2	123.2
192	16.6	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#36

1,1-Dichloropropene

Concen: 19.704 ug/l

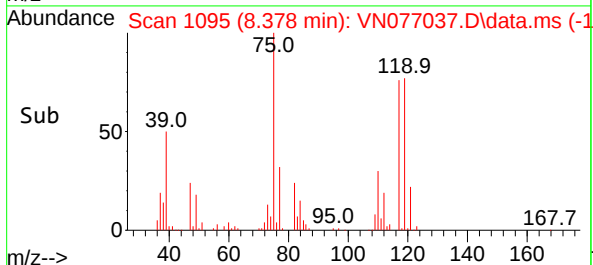
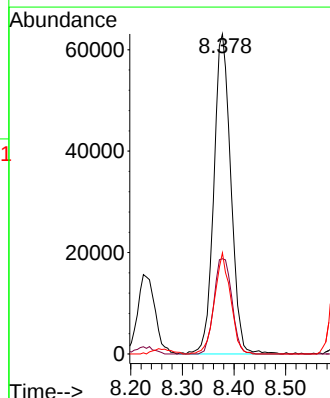
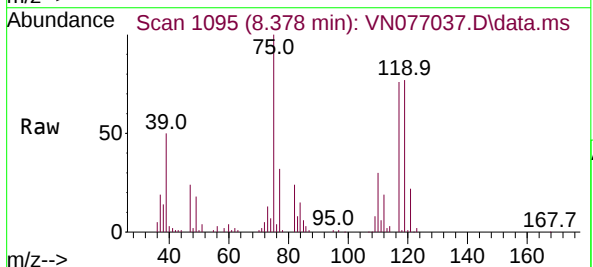
RT: 8.378 min Scan# 1095

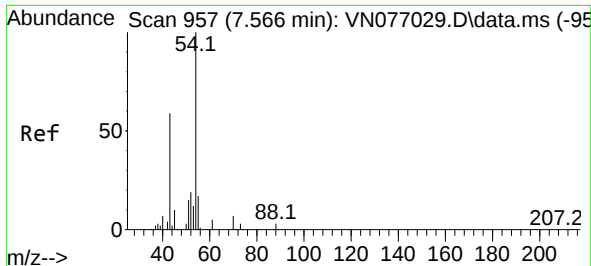
Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Tgt Ion:	75	Resp:	144220
Ion Ratio	Lower	Upper	
75	100		
110	31.5	15.9	47.7
77	29.8	24.3	36.5





#37

Ethyl Acetate

Concen: 19.857 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

Tgt Ion: 43 Resp: 155509

Ion Ratio Lower Upper

43 100

61 12.5 11.0 16.6

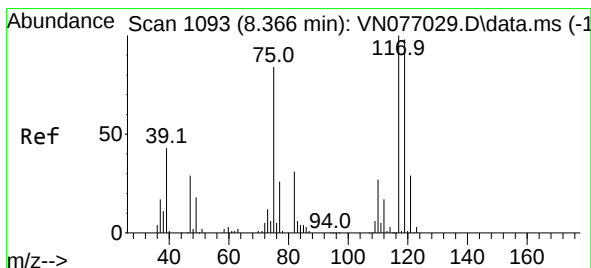
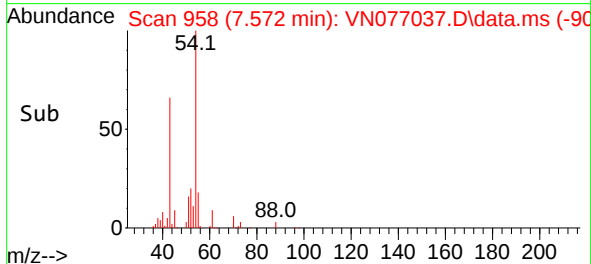
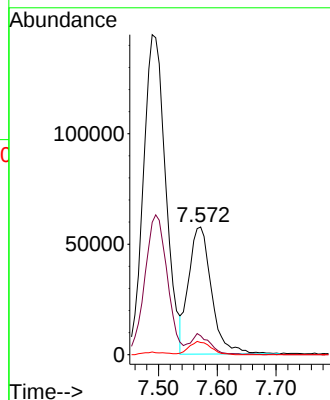
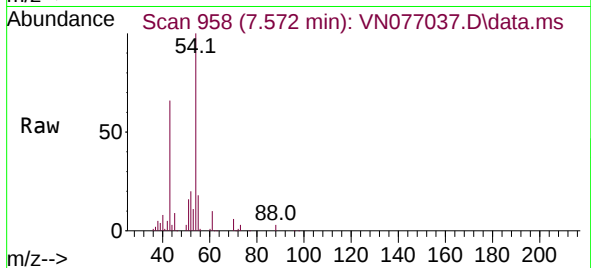
70 9.9 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#38

Carbon Tetrachloride

Concen: 18.793 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. 0.006 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

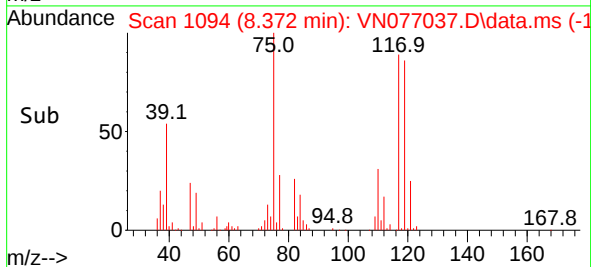
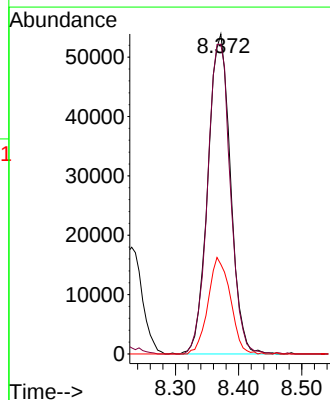
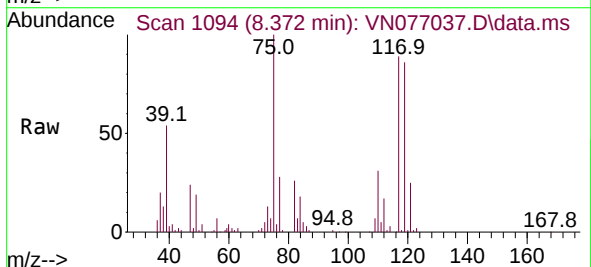
Tgt Ion:117 Resp: 133978

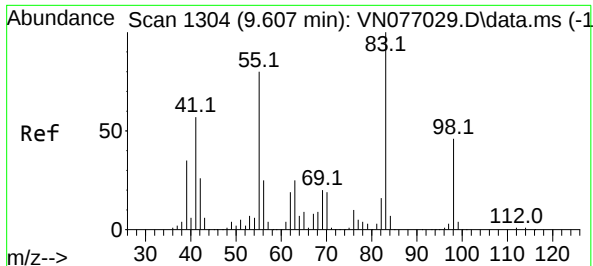
Ion Ratio Lower Upper

117 100

119 96.8 78.2 117.2

121 28.0 23.2 34.8





#39

Methylcyclohexane

Concen: 19.601 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

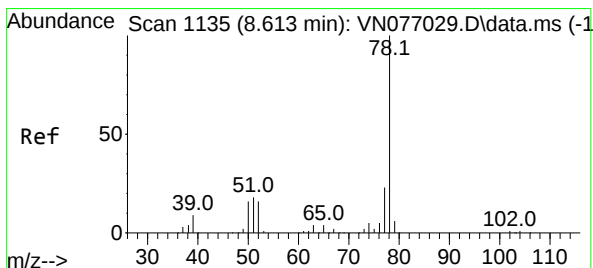
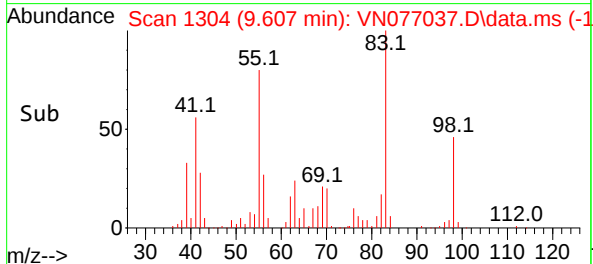
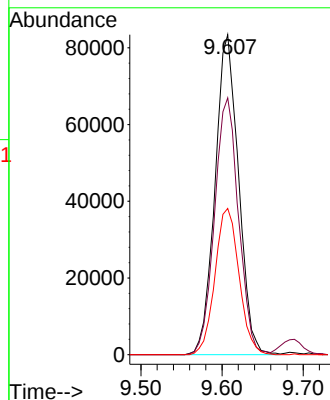
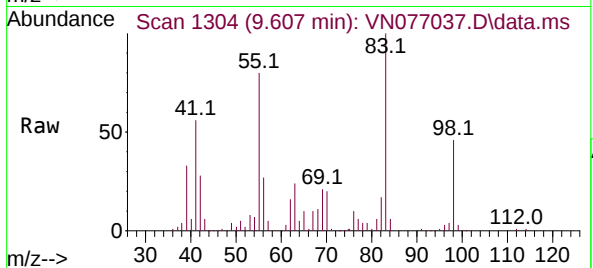
Tgt Ion: 83 Resp: 167925
 Ion Ratio Lower Upper
 83 100
 55 80.3 63.8 95.8
 98 45.7 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#40

Benzene

Concen: 19.127 ug/l

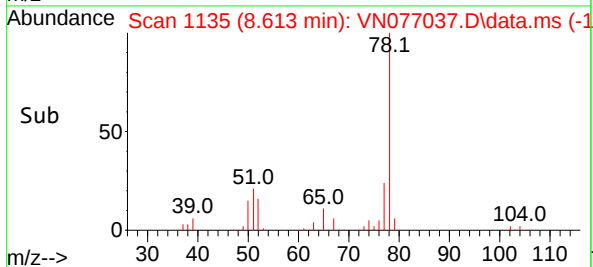
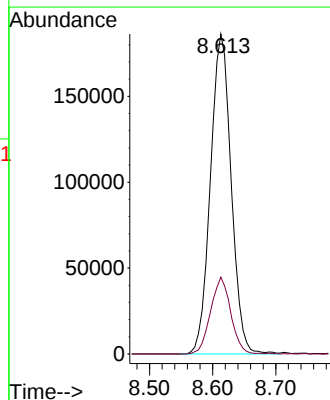
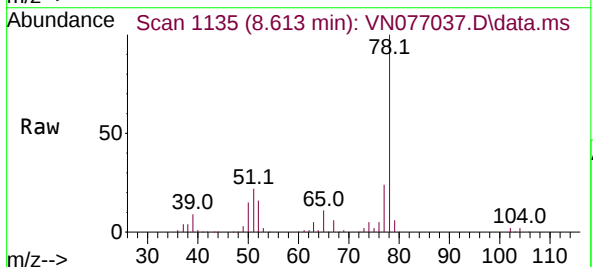
RT: 8.613 min Scan# 1135

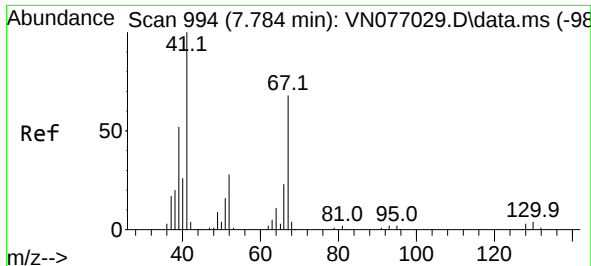
Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

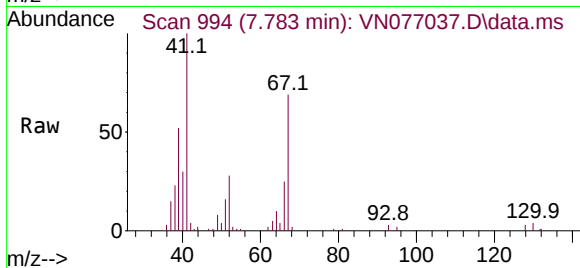
Tgt Ion: 78 Resp: 424589
 Ion Ratio Lower Upper
 78 100
 77 24.0 18.5 27.7





#41
Methacrylonitrile
Concen: 20.427 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

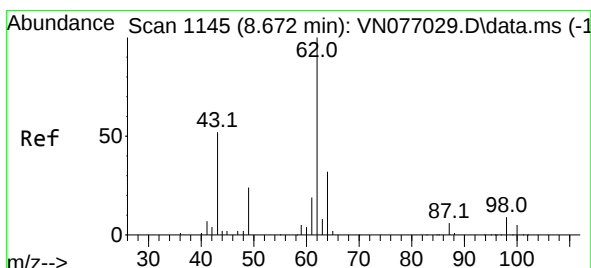
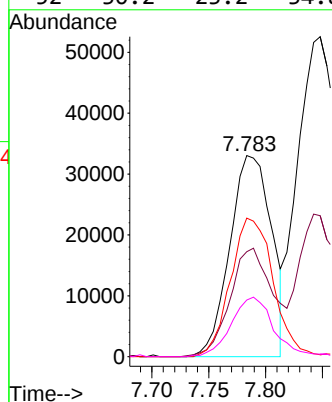
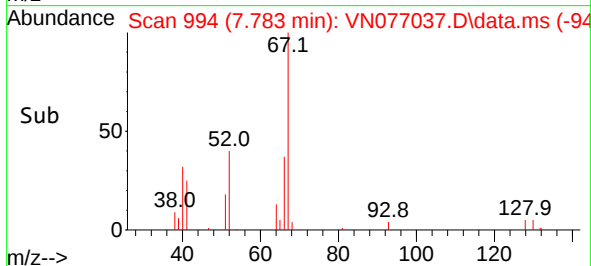
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



Tgt Ion: 41 Resp: 8426
Ion Ratio Lower Upper
41 100
39 56.3 41.6 62.4
67 70.8 53.8 80.8
52 30.2 23.2 34.8

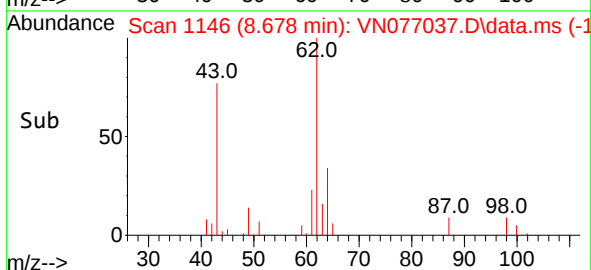
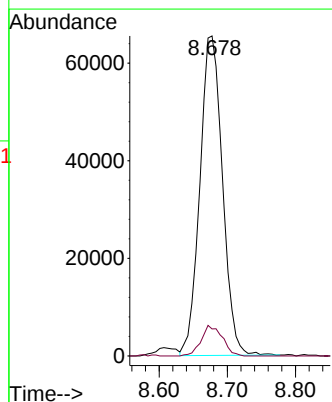
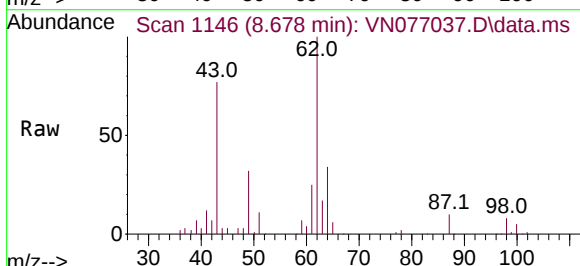
Manual Integrations
APPROVED

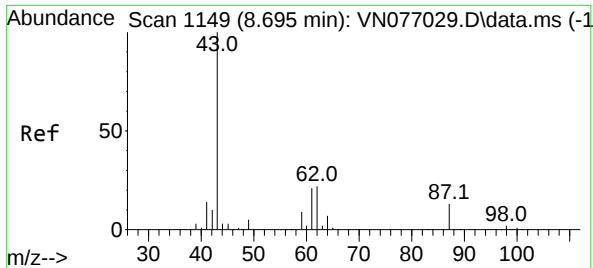
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#42
1,2-Dichloroethane
Concen: 18.816 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

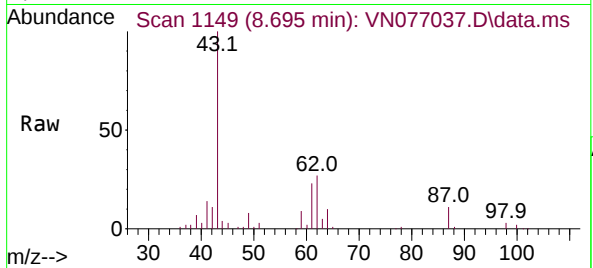
Tgt Ion: 62 Resp: 150932
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.4





#43
Isopropyl Acetate
Concen: 19.810 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

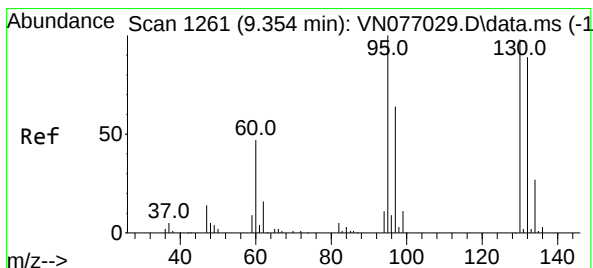
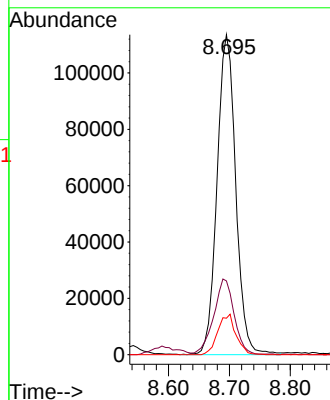
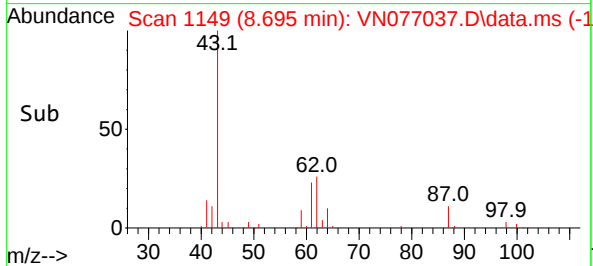
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



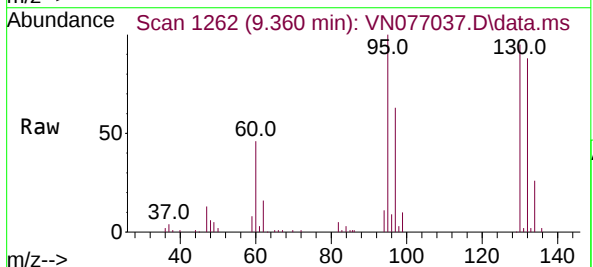
Tgt Ion: 43 Resp: 24235
Ion Ratio Lower Upper
43 100
61 25.5 20.6 30.8
87 12.2 10.0 15.0

Manual Integrations
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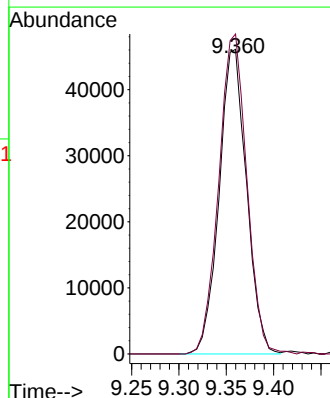
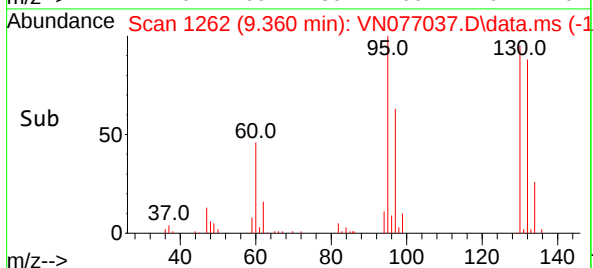
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

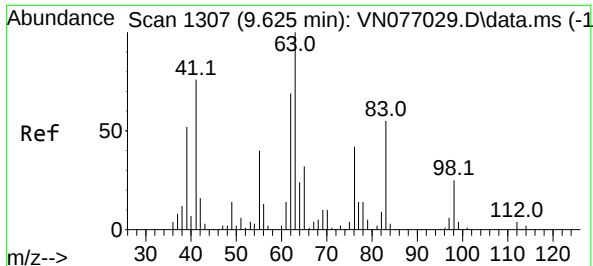


#44
Trichloroethene
Concen: 18.221 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42



Tgt Ion:130 Resp: 92906
Ion Ratio Lower Upper
130 100
95 105.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.259 ug/l

RT: 9.624 min Scan# 11354

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

Tgt Ion: 63 Resp: 11354

Ion Ratio Lower Upper

63 100

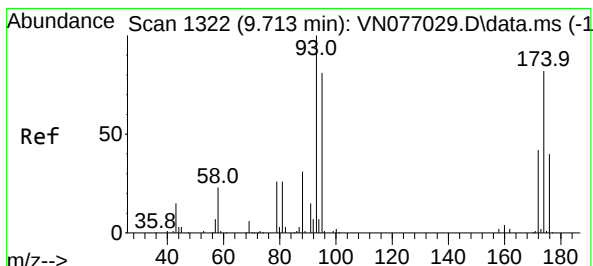
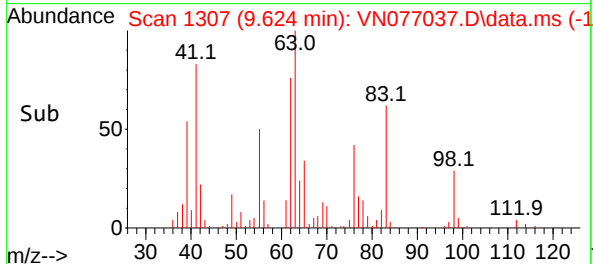
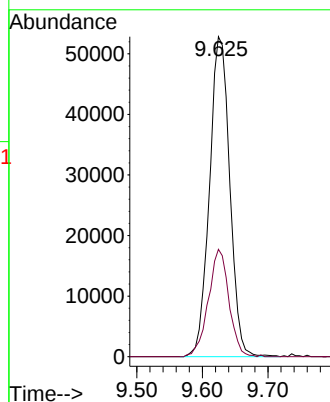
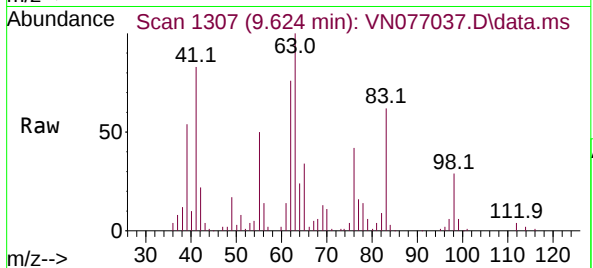
65 33.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#46

Dibromomethane

Concen: 18.945 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

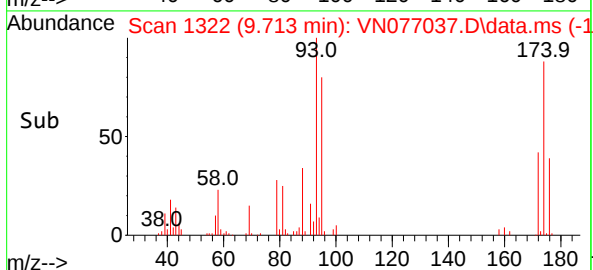
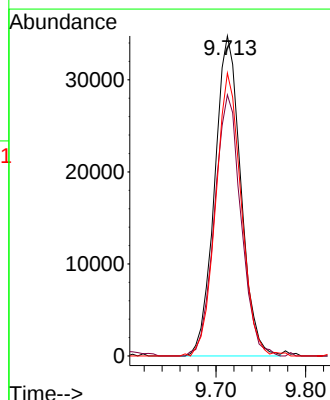
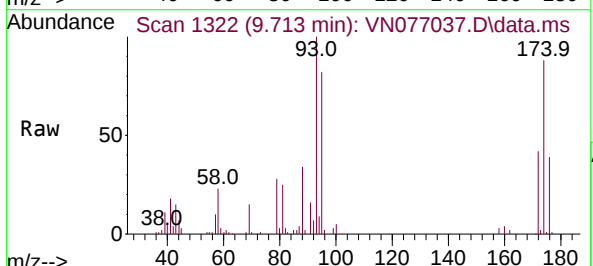
Tgt Ion: 93 Resp: 70440

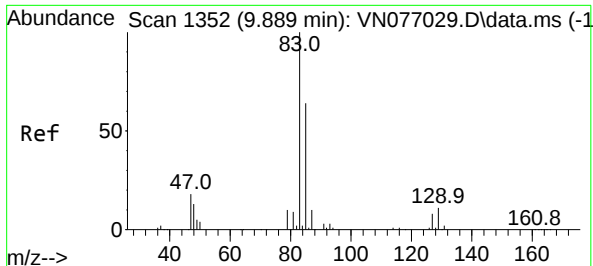
Ion Ratio Lower Upper

93 100

95 82.3 65.7 98.5

174 86.6 66.4 99.6





#47

Bromodichloromethane

Concen: 18.939 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

Tgt Ion: 83 Resp: 147689

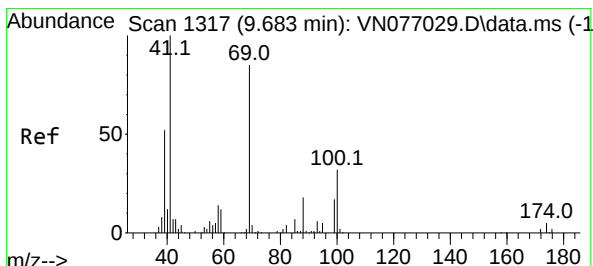
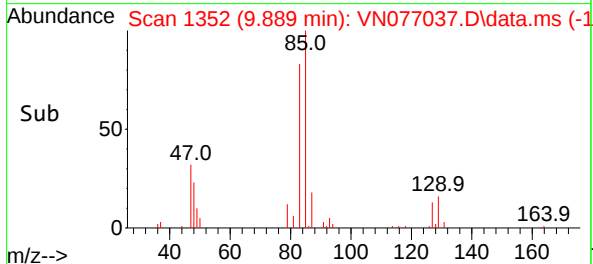
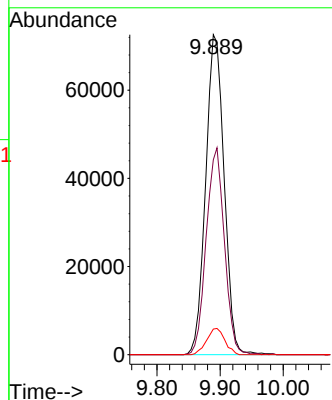
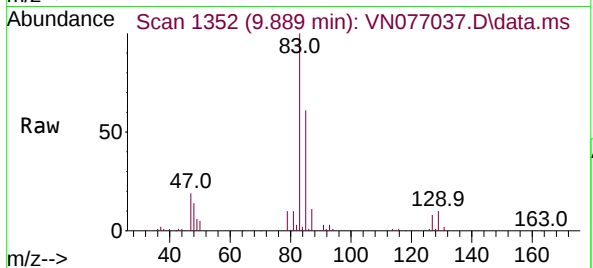
Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.0	76.4
127	8.0	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#48

Methyl methacrylate

Concen: 20.135 ug/l

RT: 9.683 min Scan# 1317

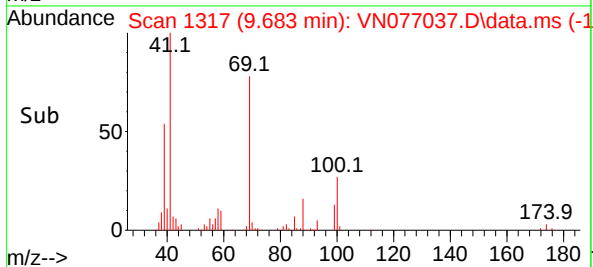
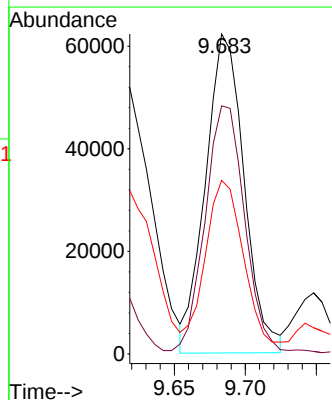
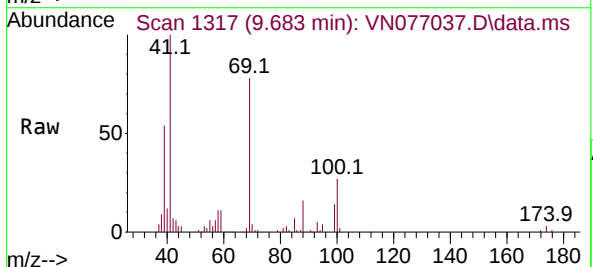
Delta R.T. -0.000 min

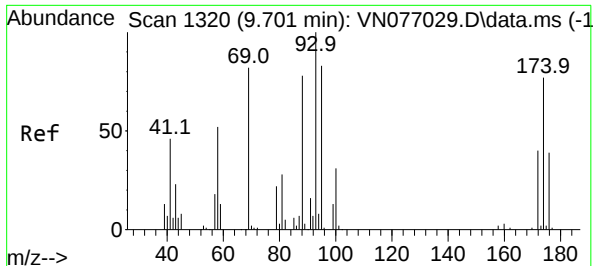
Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Tgt Ion: 41 Resp: 117760

Ion	Ratio	Lower	Upper
41	100		
69	81.0	64.3	96.5
39	55.5	43.2	64.8





#49

1,4-Dioxane

Concen: 424.251 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN077037.D

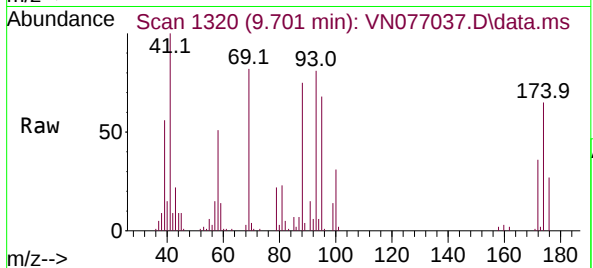
Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01



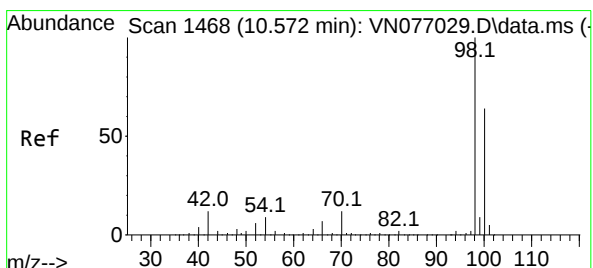
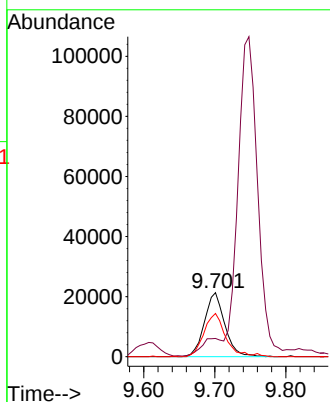
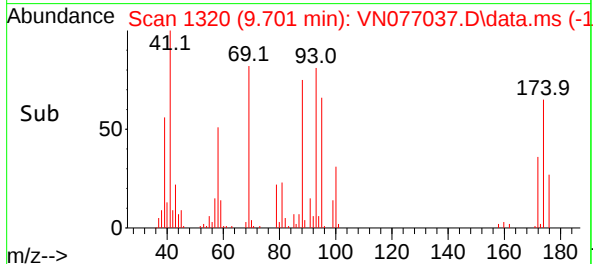
Tgt Ion:	88	Resp:	42379
Ion Ratio	Lower	Upper	
88	100		
43	25.6	22.2	33.2
58	70.9	60.8	91.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#50

Toluene-d8

Concen: 45.281 ug/l

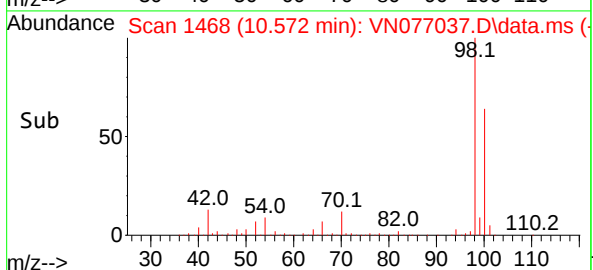
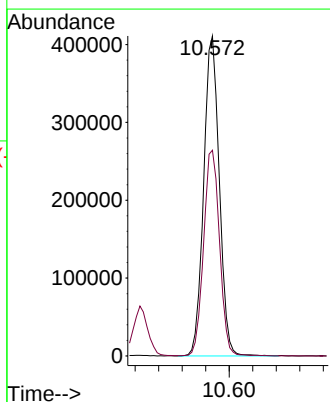
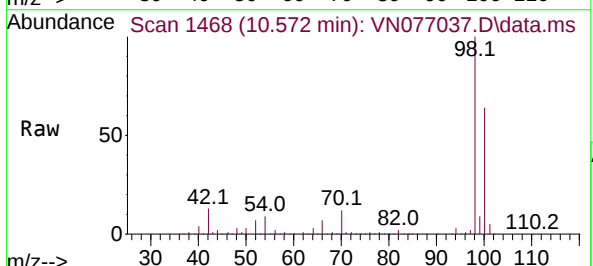
RT: 10.572 min Scan# 1468

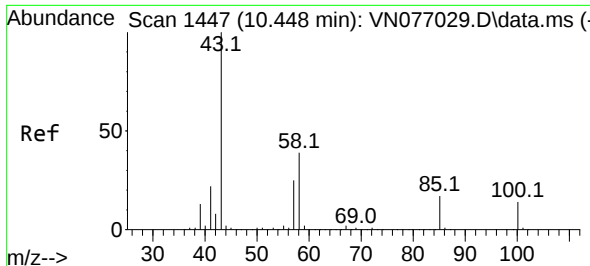
Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

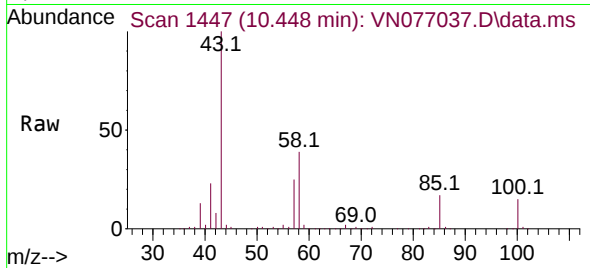
Tgt Ion:	98	Resp:	757984
Ion Ratio	Lower	Upper	
98	100		
100	65.8	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 101.762 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

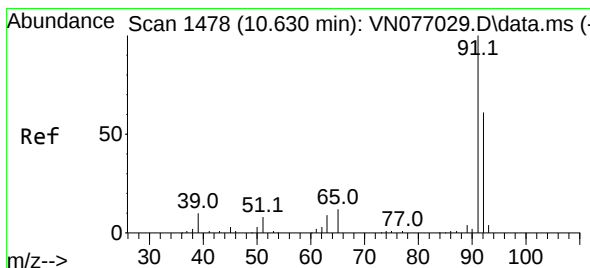
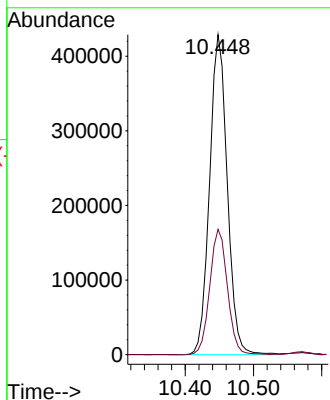
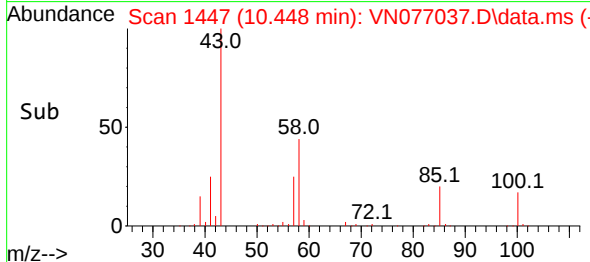
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



Tgt Ion: 43 Resp: 77524
Ion Ratio Lower Upper
43 100
58 39.0 31.1 46.7

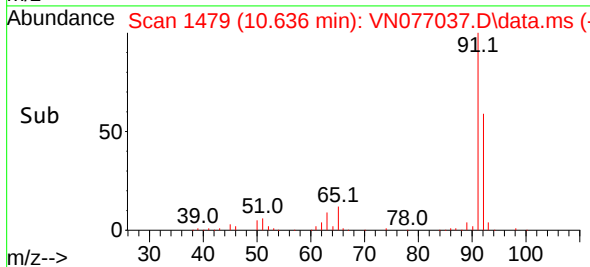
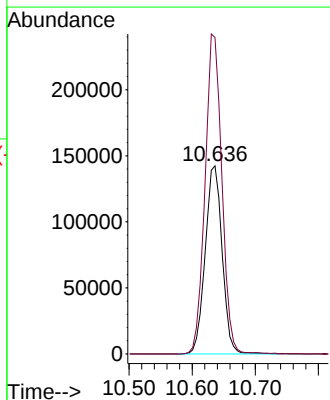
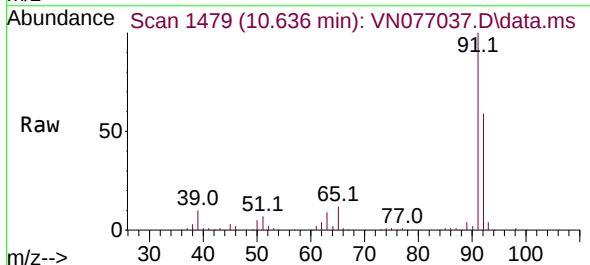
Manual Integrations
APPROVED

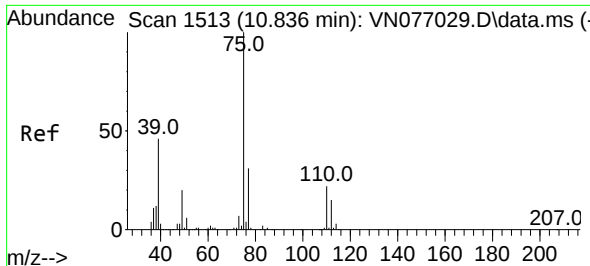
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#52
Toluene
Concen: 20.000 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

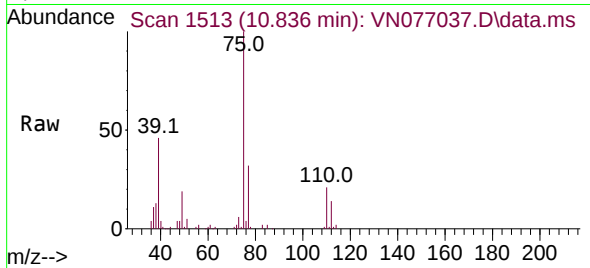
Tgt Ion: 92 Resp: 265078
Ion Ratio Lower Upper
92 100
91 169.0 135.8 203.8





#53
t-1,3-Dichloropropene
Concen: 19.379 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

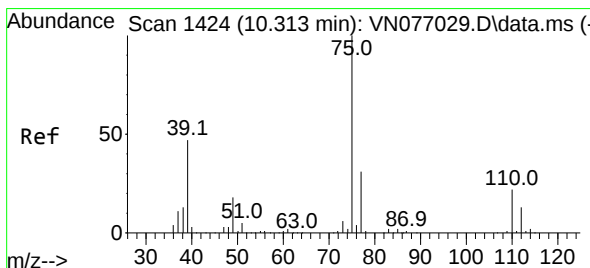
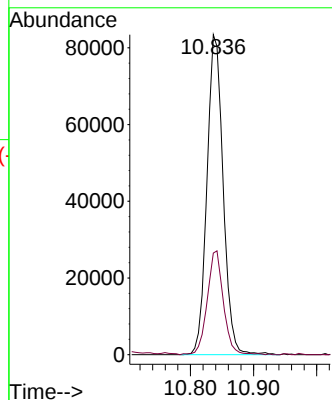
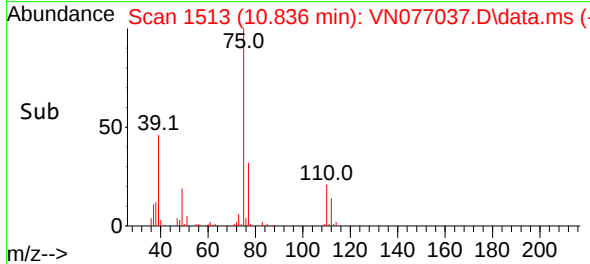
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



Tgt Ion: 75 Resp: 148118
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7

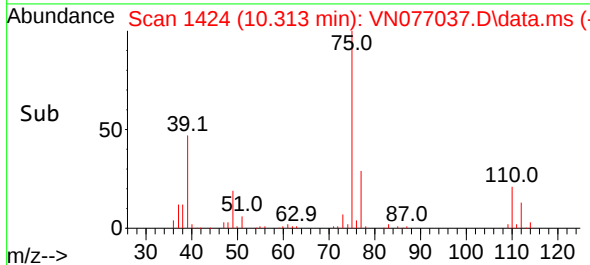
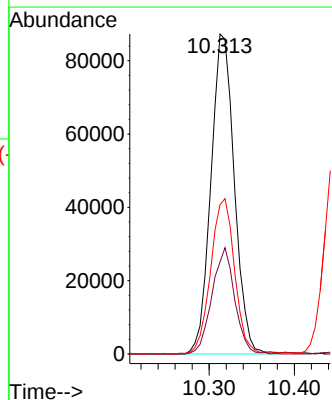
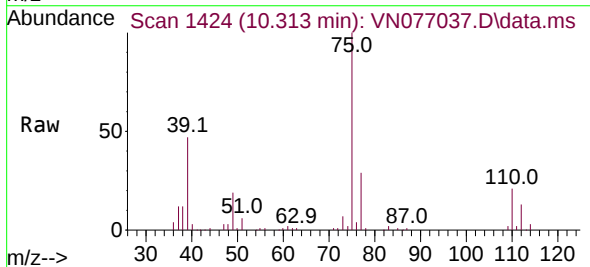
Manual Integrations
APPROVED

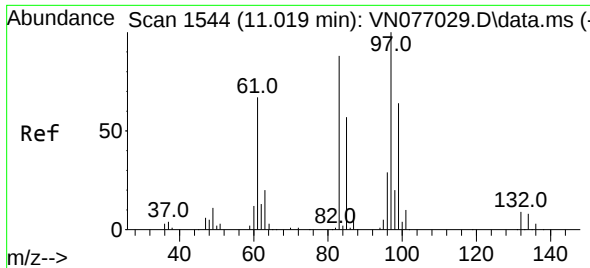
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#54
cis-1,3-Dichloropropene
Concen: 19.334 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

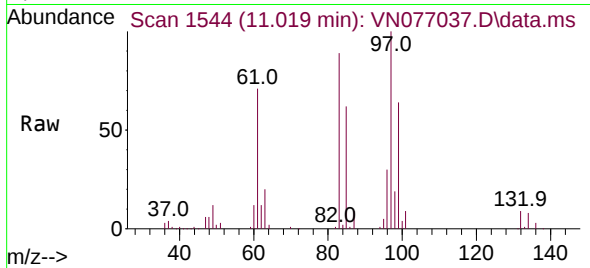
Tgt Ion: 75 Resp: 166734
Ion Ratio Lower Upper
75 100
77 28.7 24.5 36.7
39 46.4 37.8 56.6





#55
1,1,2-Trichloroethane
Concen: 19.270 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

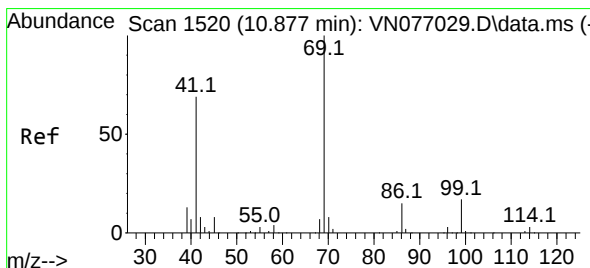
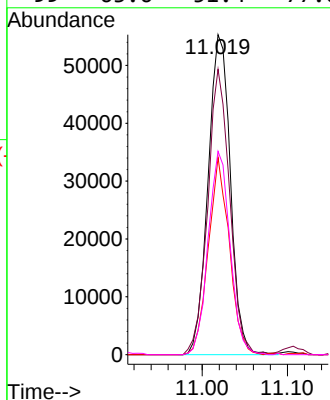
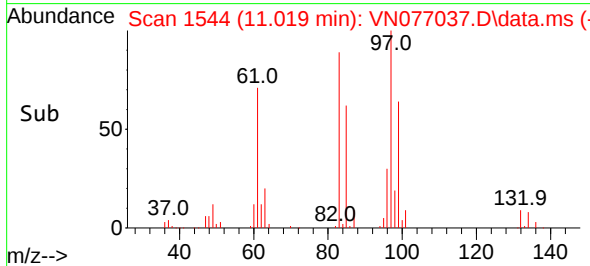
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



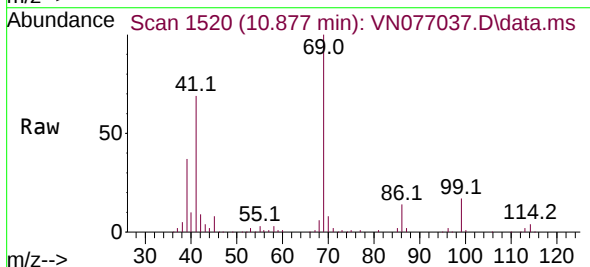
Tgt Ion: 97 Resp: 100711
Ion Ratio Lower Upper
97 100
83 89.2 70.5 105.7
85 61.7 45.4 68.2
99 63.6 51.4 77.0

Manual Integrations
APPROVED

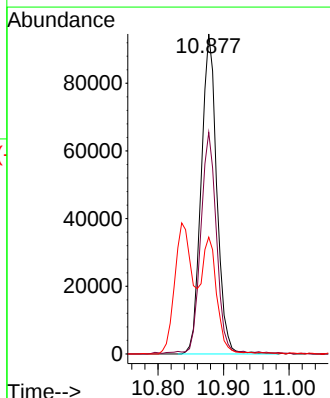
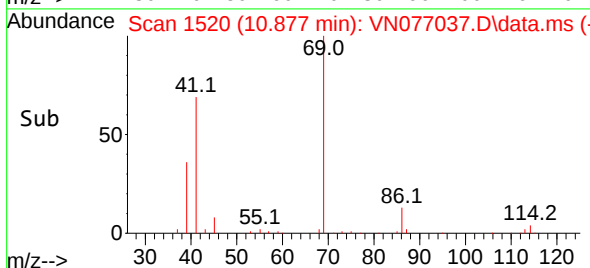
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

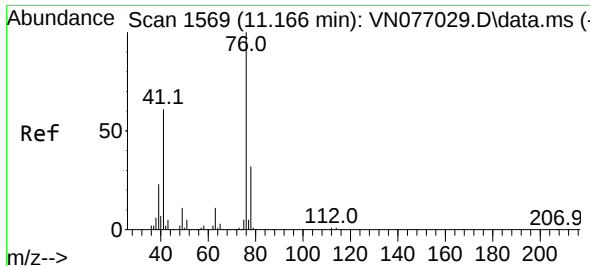


#56
Ethyl methacrylate
Concen: 19.959 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42



Tgt Ion: 69 Resp: 156857
Ion Ratio Lower Upper
69 100
41 69.2 54.9 82.3
39 33.8 26.6 40.0





#57

1,3-Dichloropropane

Concen: 18.950 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

Tgt Ion: 76 Resp: 181320

Ion Ratio Lower Upper

76 100

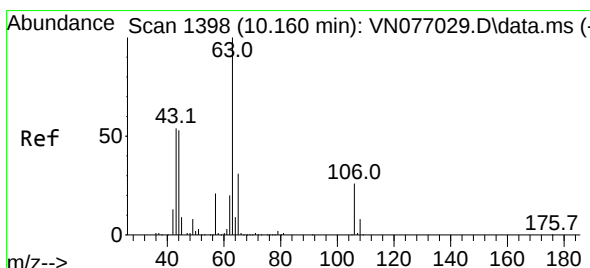
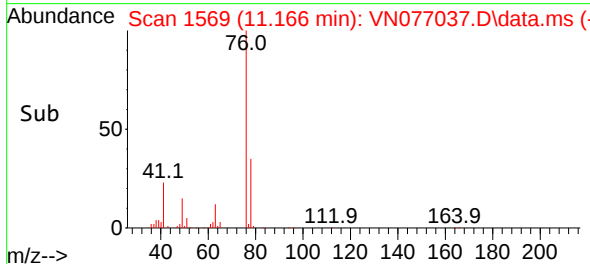
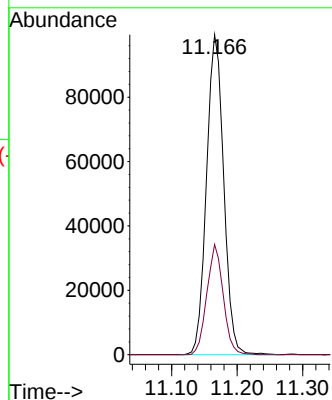
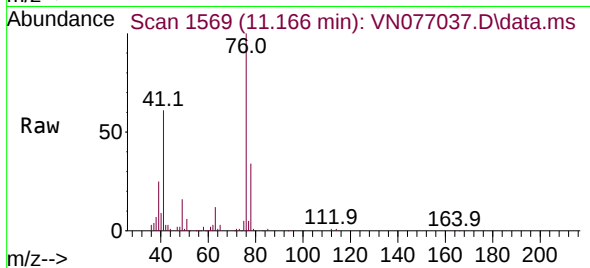
78 32.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 99.791 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077037.D

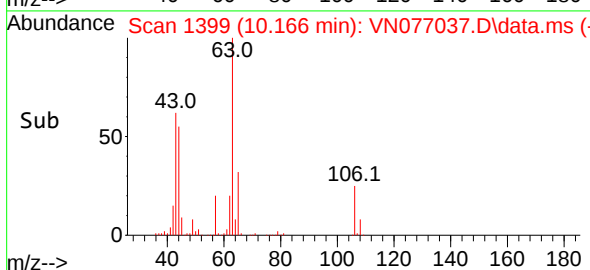
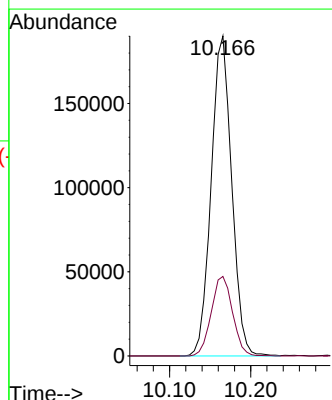
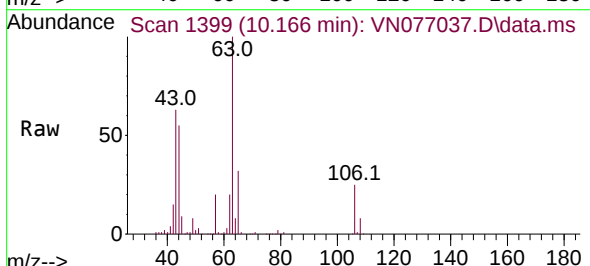
Acq: 17 Mar 2023 16:42

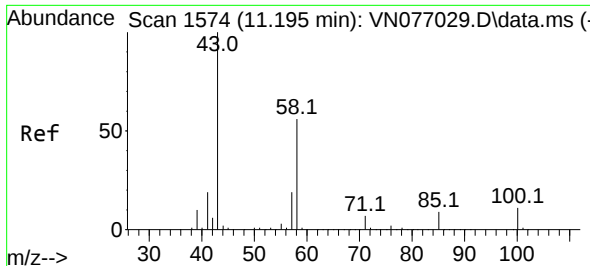
Tgt Ion: 63 Resp: 334352

Ion Ratio Lower Upper

63 100

106 25.7 20.6 31.0





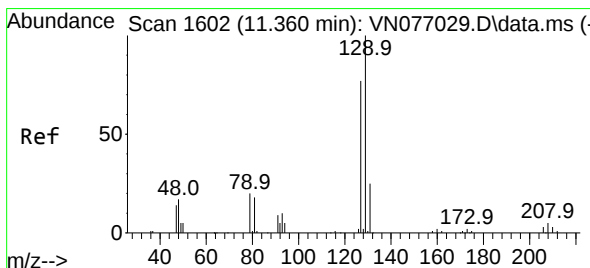
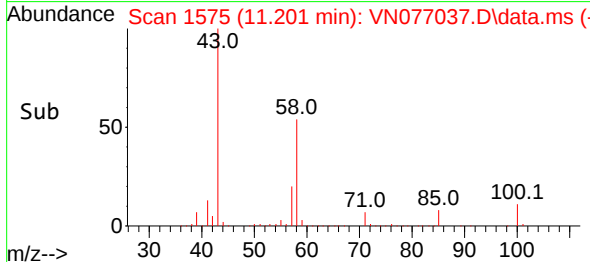
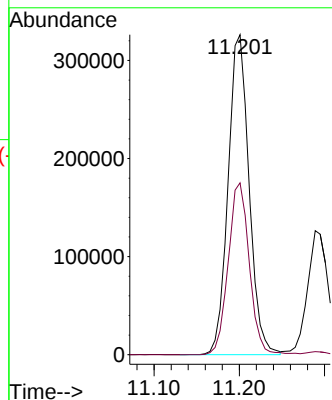
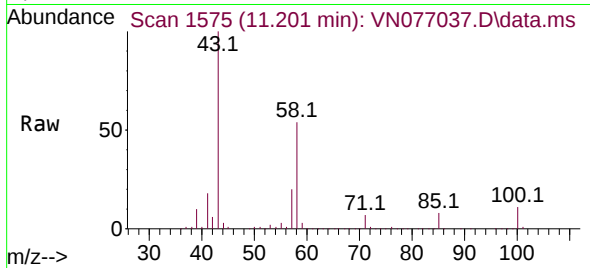
#59
2-Hexanone
Concen: 100.982 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

Tgt Ion: 43 Resp: 557979
Ion Ratio Lower Upper
43 100
58 54.0 27.7 83.1

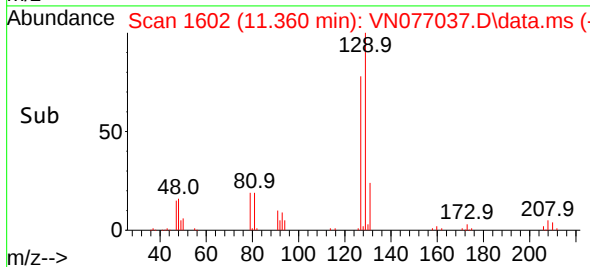
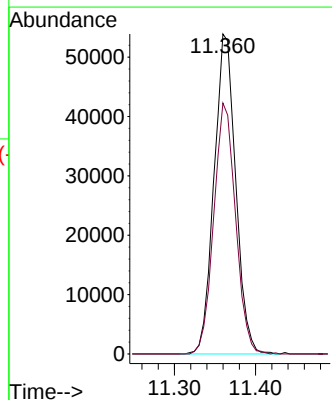
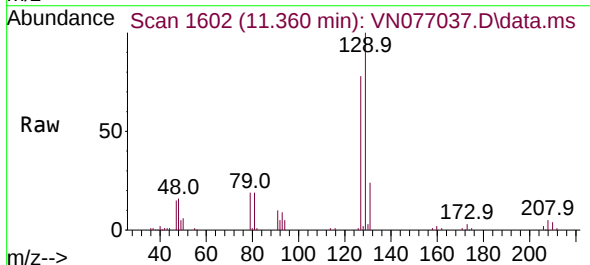
Manual Integrations
APPROVED

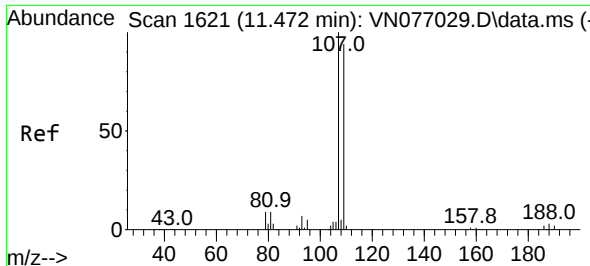
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#60
Dibromochloromethane
Concen: 19.024 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

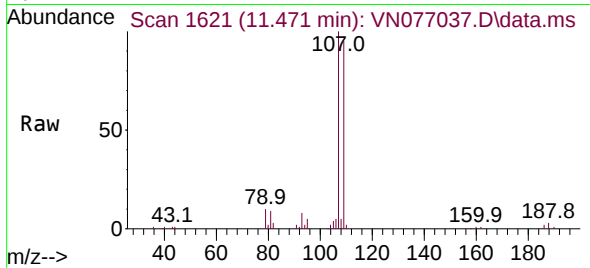
Tgt Ion:129 Resp: 99874
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.7





#61
1,2-Dibromoethane
Concen: 18.576 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

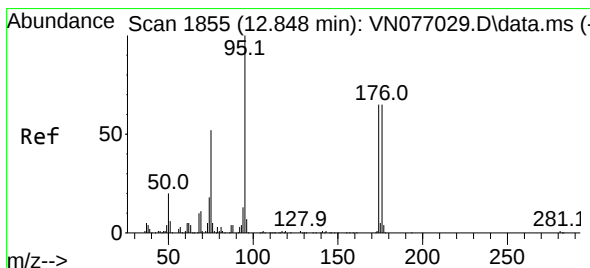
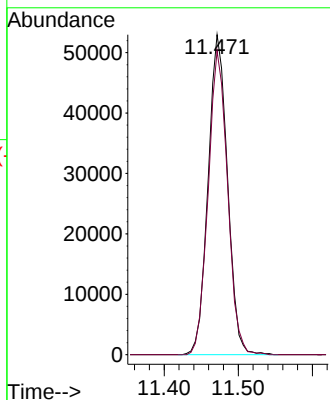
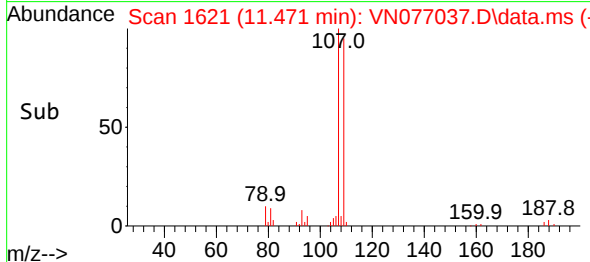
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



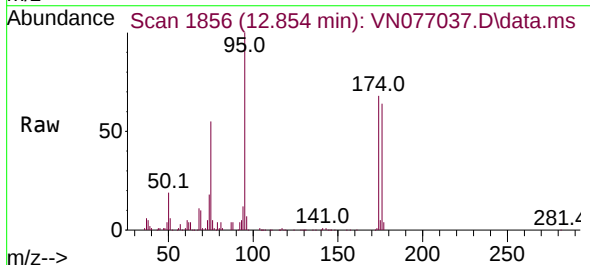
Tgt Ion:107 Resp: 96278
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4

Manual Integrations
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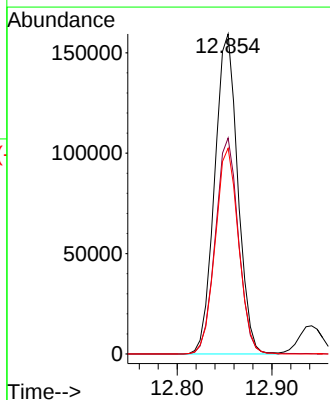
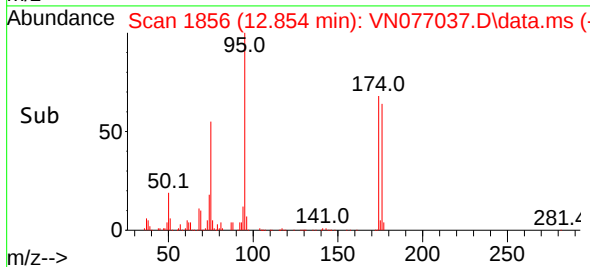
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

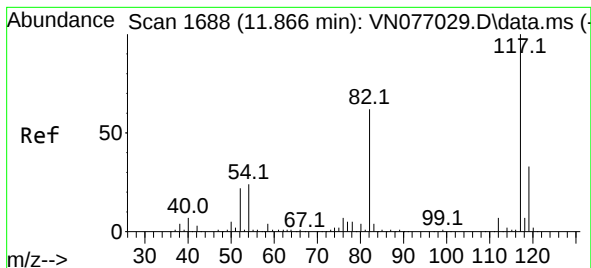


#62
4-Bromofluorobenzene
Concen: 45.669 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42



Tgt Ion: 95 Resp: 270138
Ion Ratio Lower Upper
95 100
174 67.2 0.0 136.6
176 64.9 0.0 130.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

Tgt Ion:117 Resp: 59270

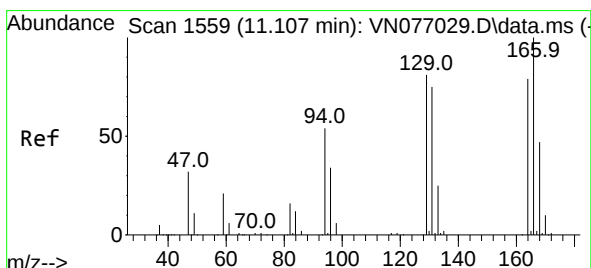
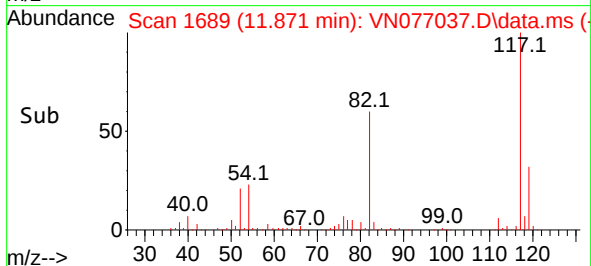
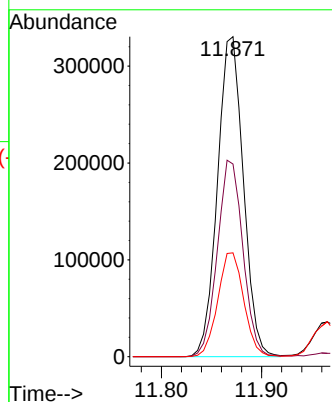
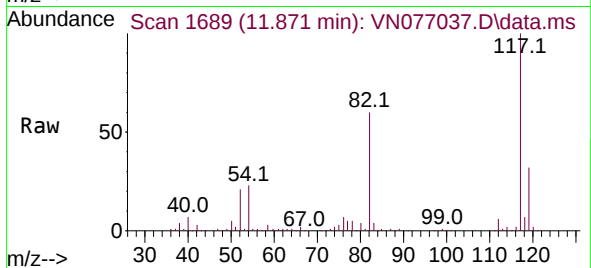
Ion	Ratio	Lower	Upper
117	100		
82	60.2	49.4	74.0
119	32.4	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carbone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#64

Tetrachloroethene

Concen: 19.191 ug/l

RT: 11.107 min Scan# 1559

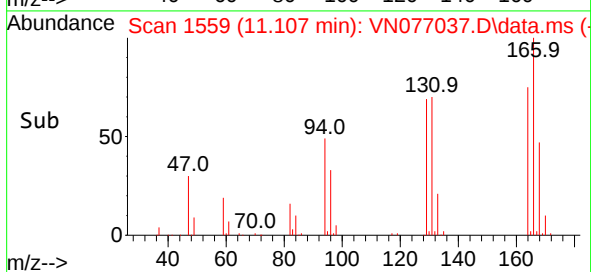
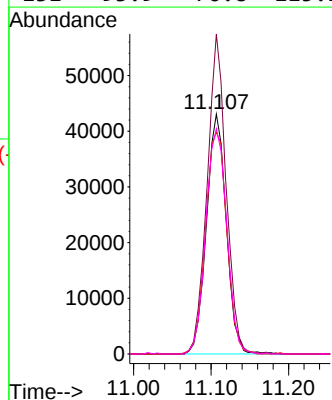
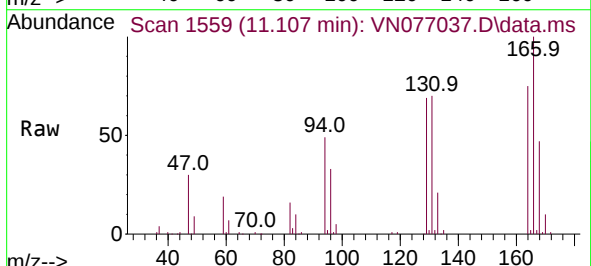
Delta R.T. -0.000 min

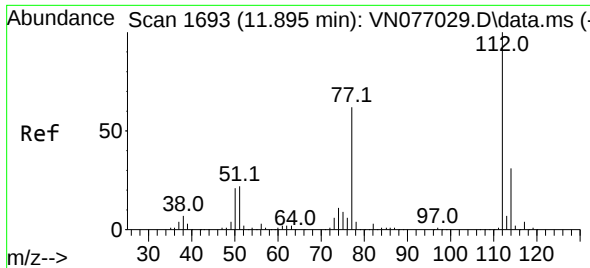
Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Tgt Ion:164 Resp: 76340

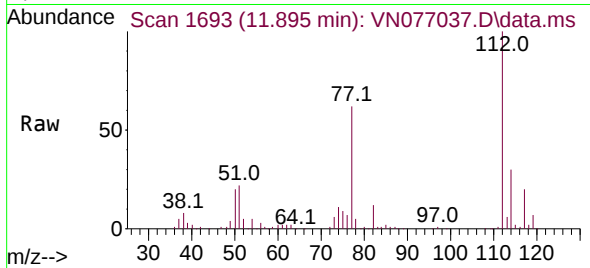
Ion	Ratio	Lower	Upper
164	100		
166	133.4	101.9	152.9
129	92.5	82.6	123.8
131	93.9	76.8	115.2





#65
Chlorobenzene
Concen: 18.835 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

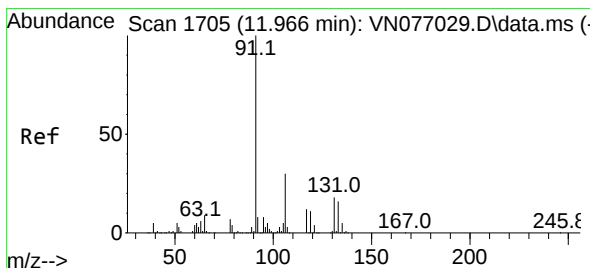
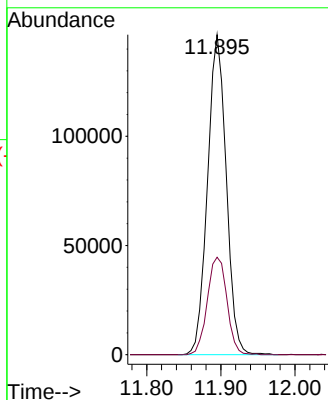
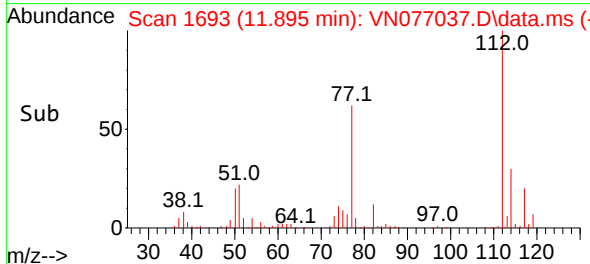
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



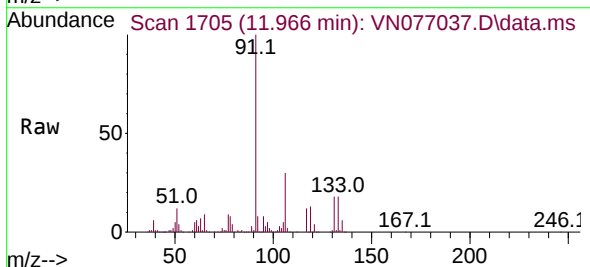
Tgt Ion:112 Resp: 25685
Ion Ratio Lower Upper
112 100
114 30.4 24.8 37.2

Manual Integrations
APPROVED

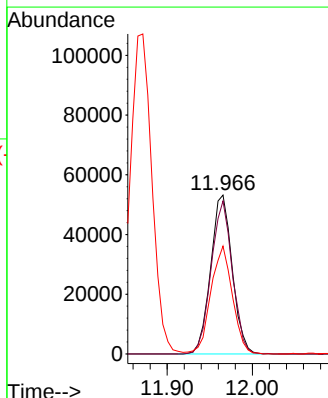
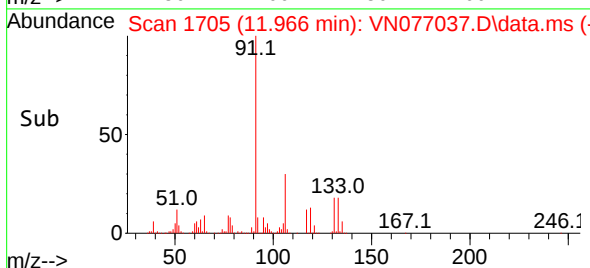
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

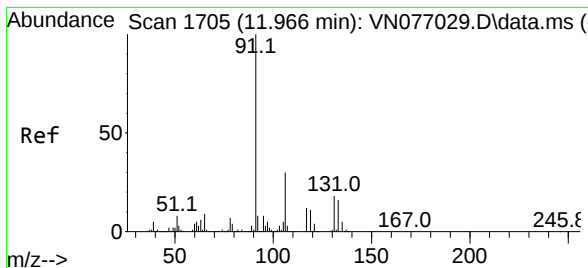


#66
1,1,1,2-Tetrachloroethane
Concen: 18.542 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42



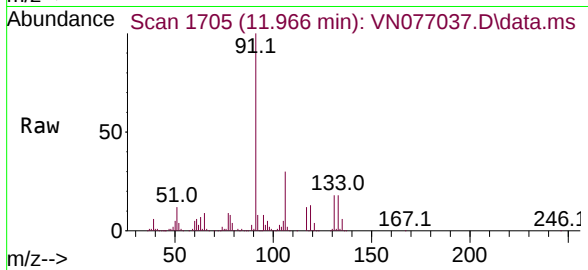
Tgt Ion:131 Resp: 93565
Ion Ratio Lower Upper
131 100
133 94.6 46.8 140.3
119 67.9 32.6 97.8





#67
Ethyl Benzene
Concen: 19.403 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

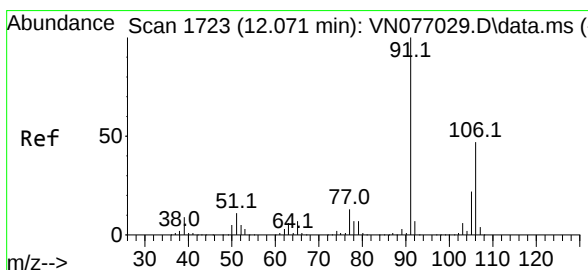
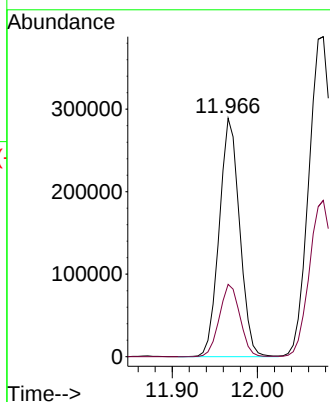
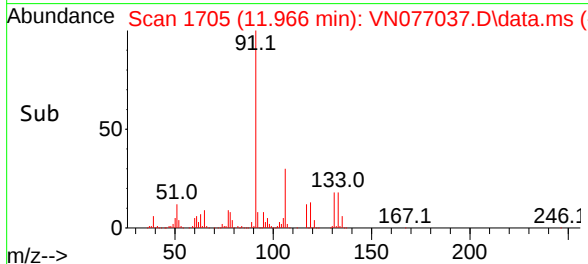
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



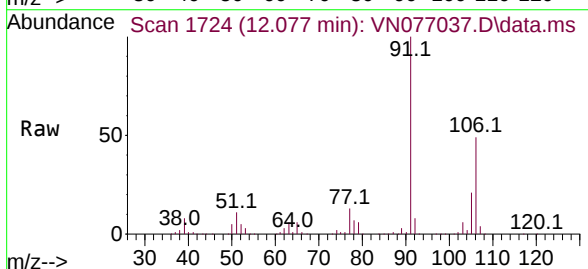
Tgt Ion: 91 Resp: 48062
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

Manual Integrations
APPROVED

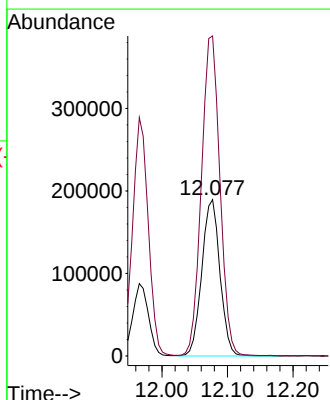
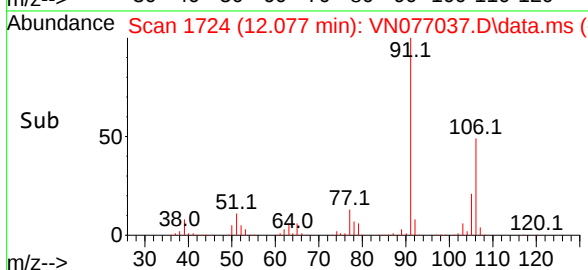
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

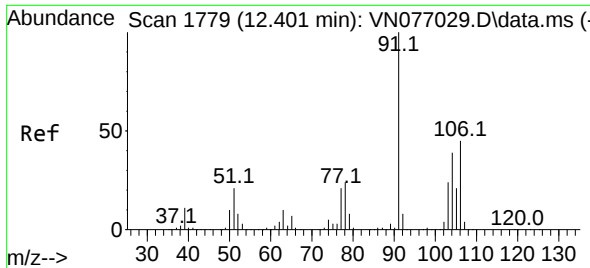


#68
m/p-Xylenes
Concen: 39.665 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42



Tgt Ion:106 Resp: 364387
Ion Ratio Lower Upper
106 100
91 209.8 168.0 252.0





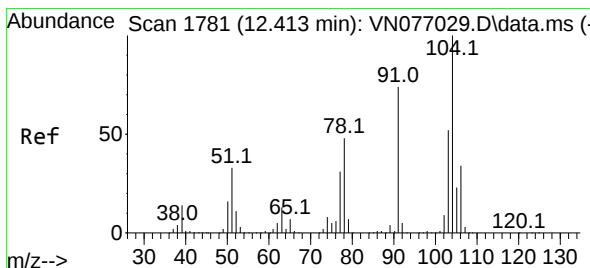
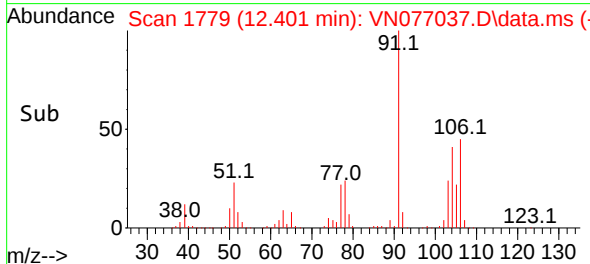
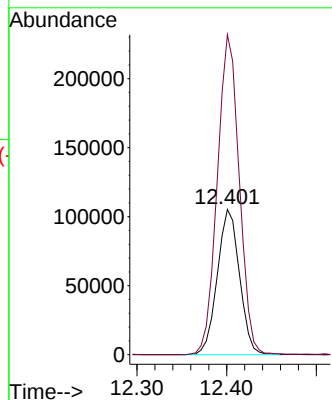
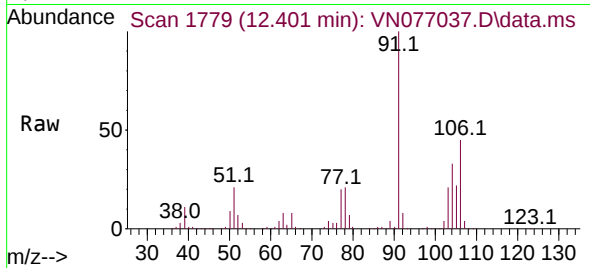
#69
o-Xylene
Concen: 19.795 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

Tgt Ion:106 Resp: 180690
Ion Ratio Lower Upper
106 100
91 218.3 110.3 330.9

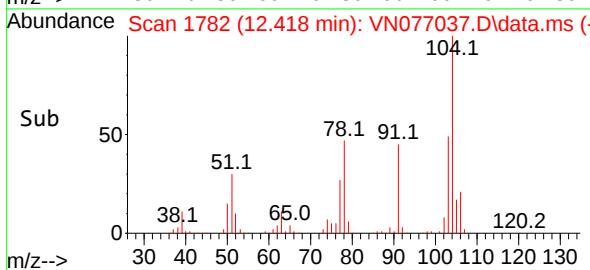
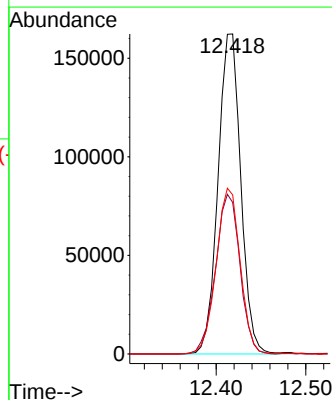
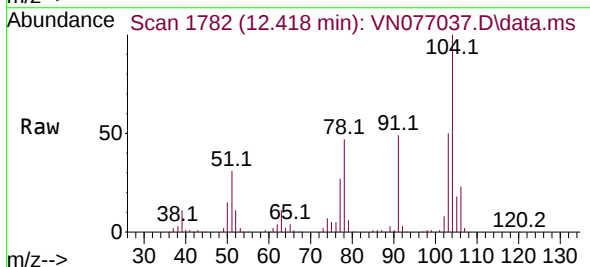
Manual Integrations
APPROVED

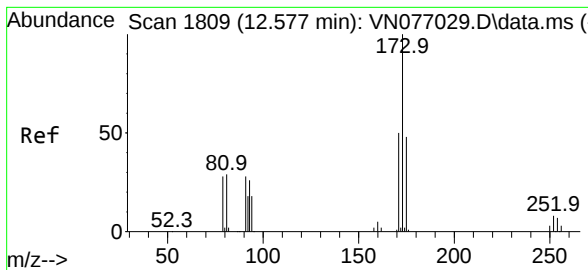
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#70
Styrene
Concen: 20.132 ug/l
RT: 12.418 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

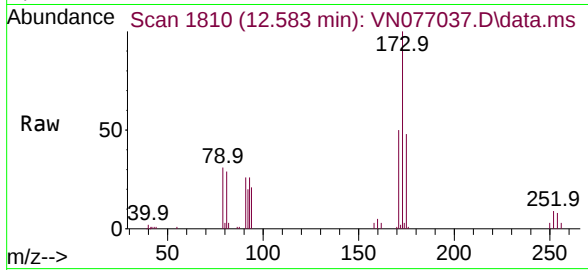
Tgt Ion:104 Resp: 286102
Ion Ratio Lower Upper
104 100
78 53.6 41.8 62.8
103 54.6 43.8 65.6





#71
Bromoform
Concen: 18.953 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

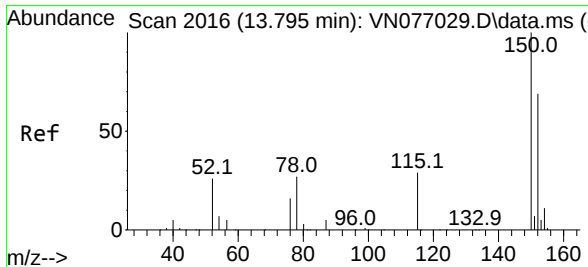
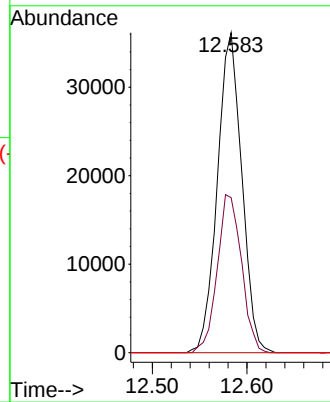
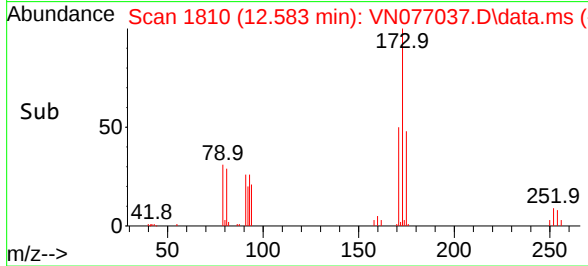
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



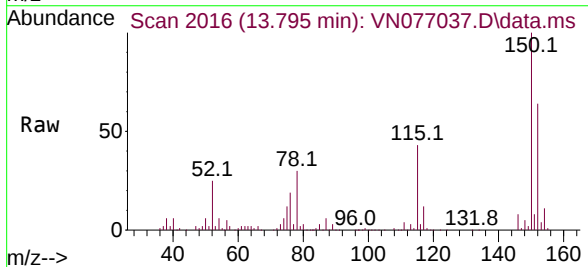
Tgt Ion:173 Resp: 64800
Ion Ratio Lower Upper
173 100
175 49.0 24.5 73.5
254 0.0 0.1 0.1

Manual Integrations
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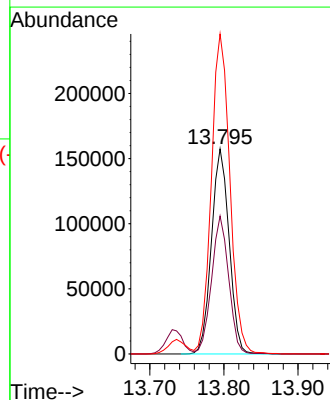
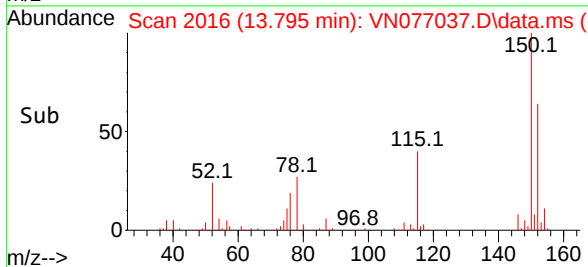
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

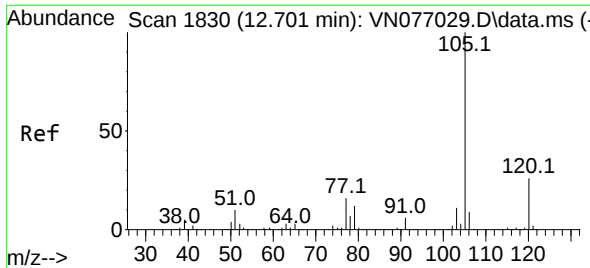


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42



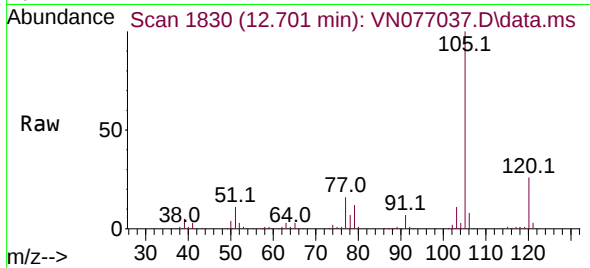
Tgt Ion:152 Resp: 260658
Ion Ratio Lower Upper
152 100
115 65.3 31.9 95.7
150 164.0 0.0 348.0





#73
Isopropylbenzene
Concen: 19.752 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

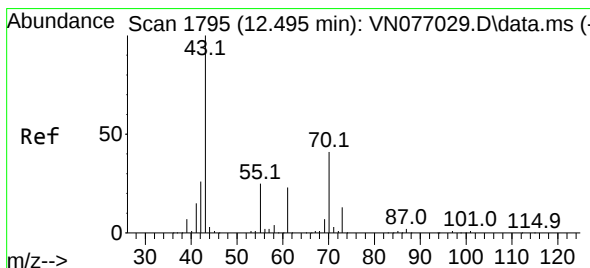
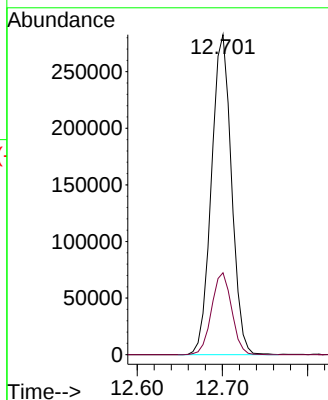
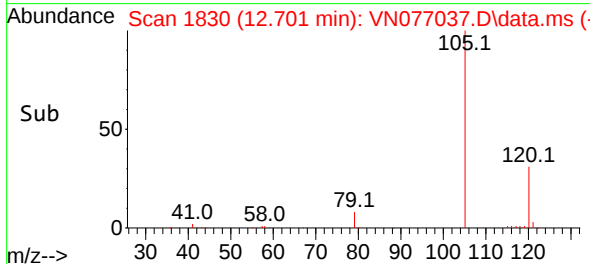
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



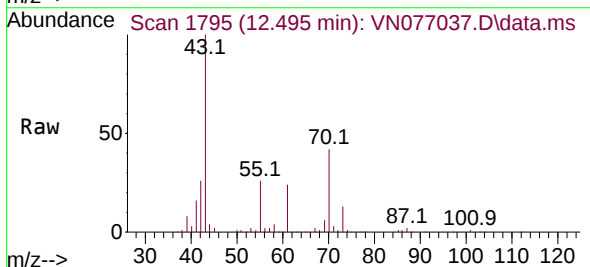
Tgt Ion:105 Resp: 46138
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4

Manual Integrations
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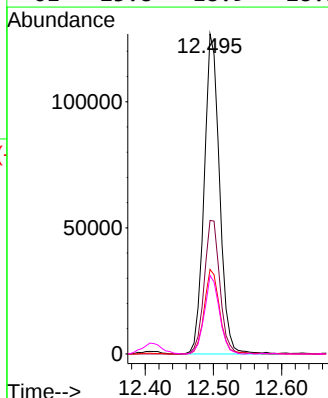
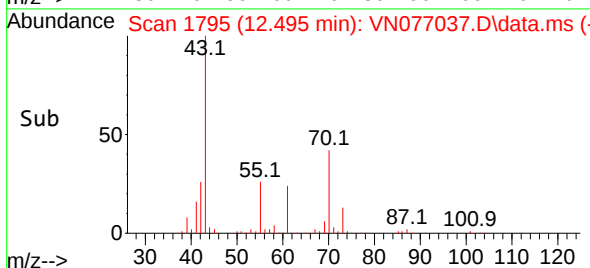
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

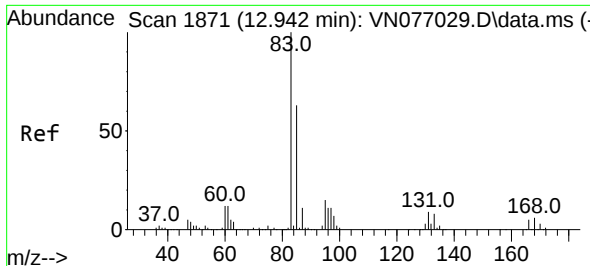


#74
N-ethyl acetate
Concen: 19.732 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42



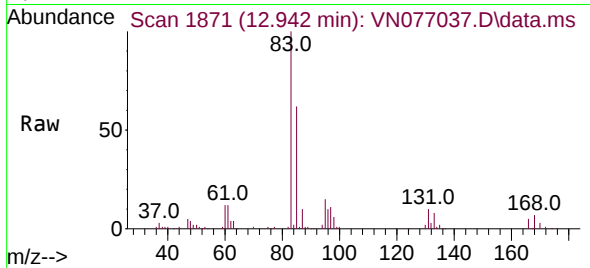
Tgt Ion: 43 Resp: 199501
Ion Ratio Lower Upper
43 100
70 42.5 33.6 50.4
55 26.5 20.3 30.5
61 23.8 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 18.502 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

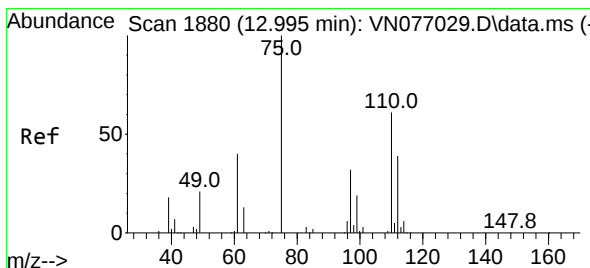
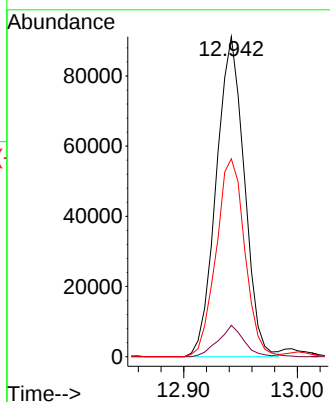
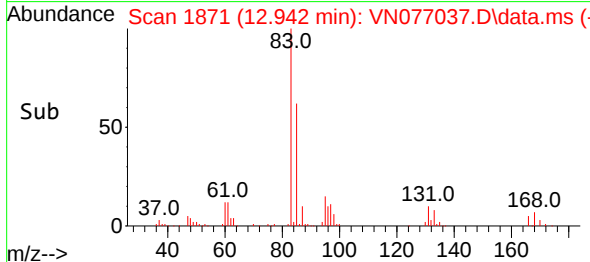
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



Tgt Ion: 83 Resp: 156570
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 63.0 31.9 95.9

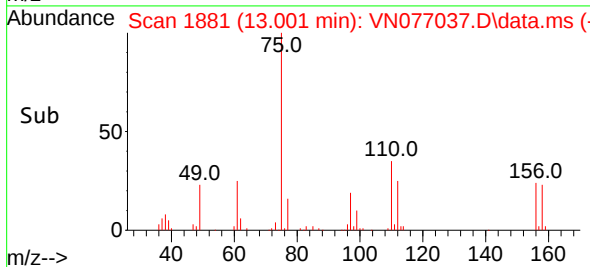
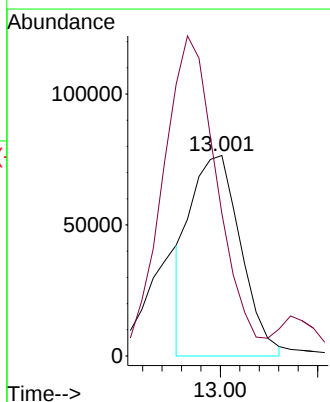
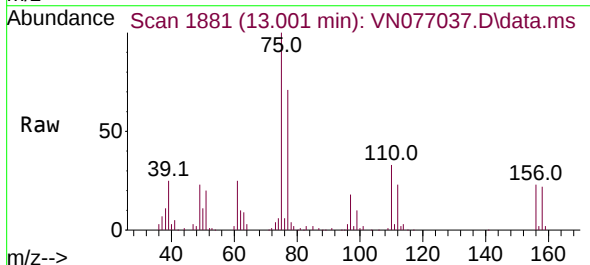
Manual Integrations
APPROVED

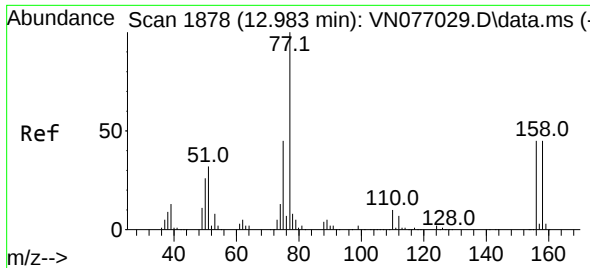
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#76
1,2,3-Trichloropropane
Concen: 20.471 ug/l m
RT: 13.001 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

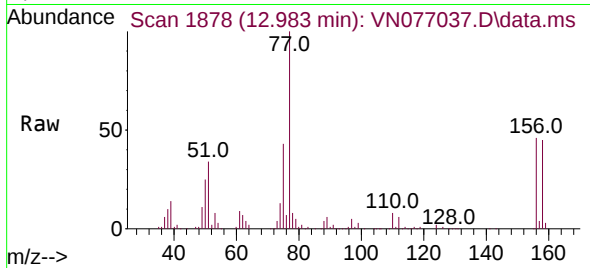
Tgt Ion: 75 Resp: 138024
Ion Ratio Lower Upper
75 100
77 175.2 107.3 322.0





#77
Bromobenzene
Concen: 19.275 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

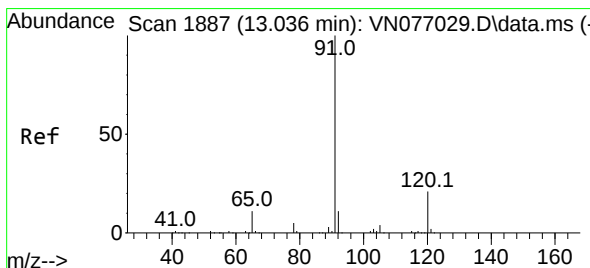
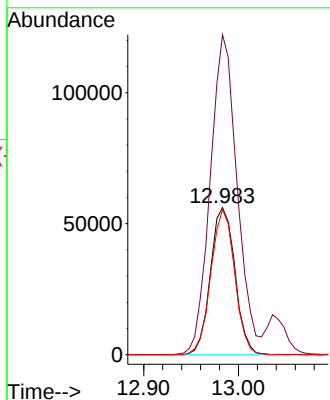
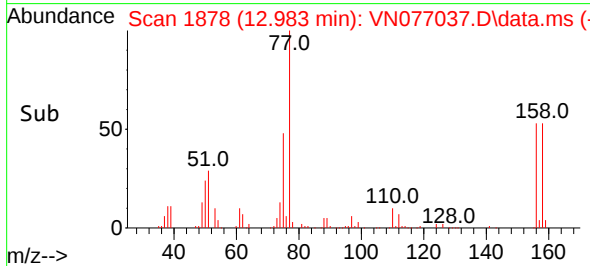
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



Tgt Ion:156 Resp: 10086
Ion Ratio Lower Upper
156 100
77 239.8 124.8 374.3
158 95.9 48.6 145.9

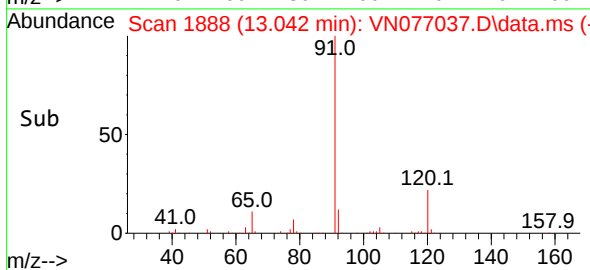
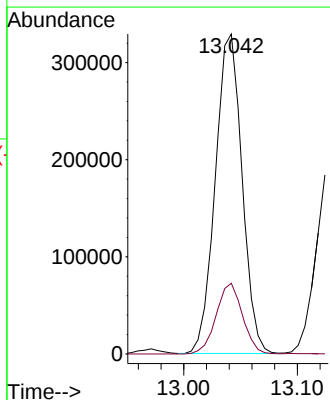
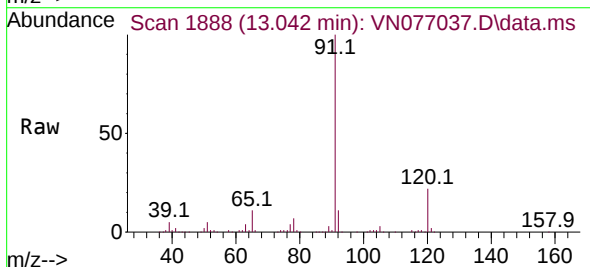
Manual Integrations
APPROVED

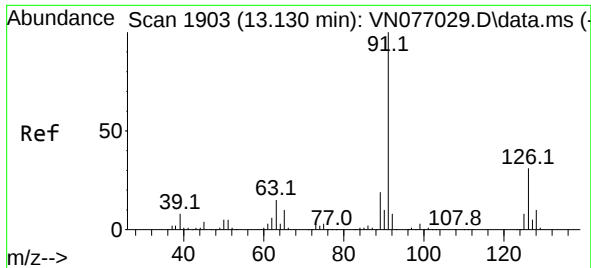
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#78
n-propylbenzene
Concen: 19.964 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 91 Resp: 538342
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.3





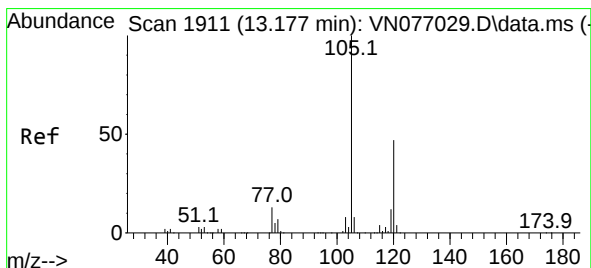
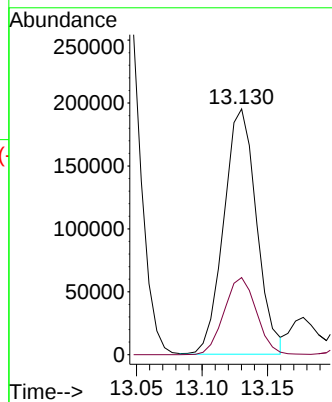
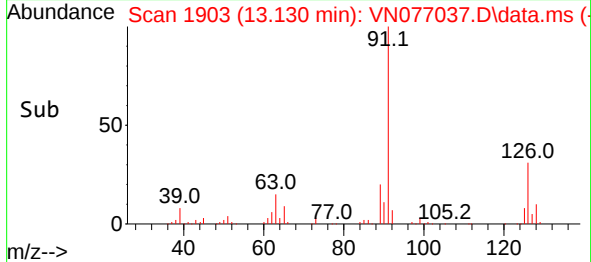
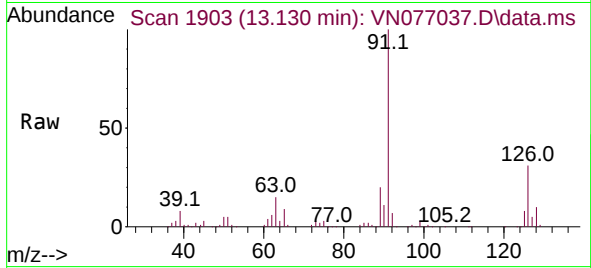
#79
2-Chlorotoluene
Concen: 19.748 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

Tgt Ion: 91 Resp: 339320
Ion Ratio Lower Upper
91 100
126 31.0 15.2 45.5

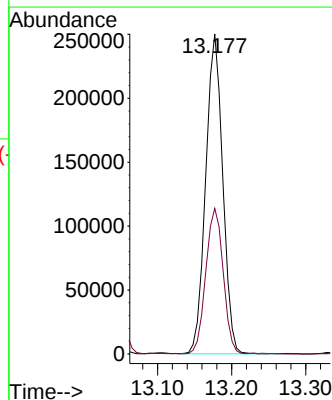
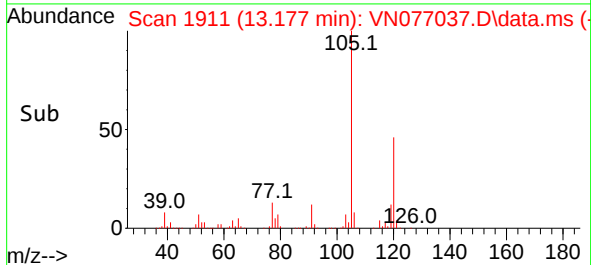
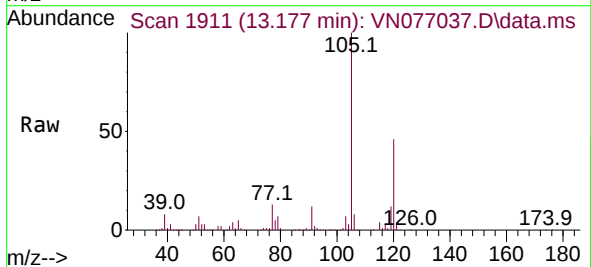
Manual Integrations
APPROVED

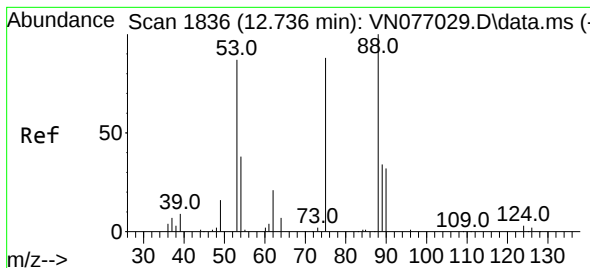
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.449 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

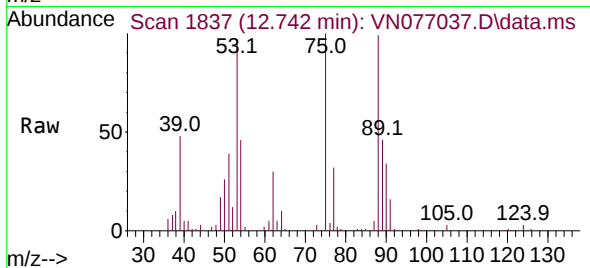
Tgt Ion:105 Resp: 398818
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 17.922 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

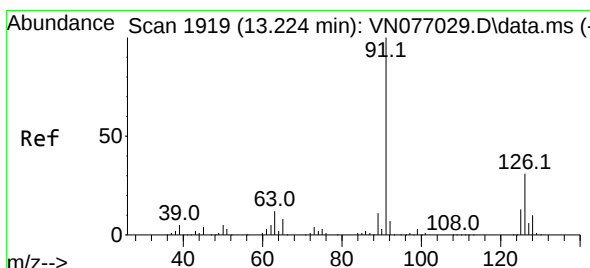
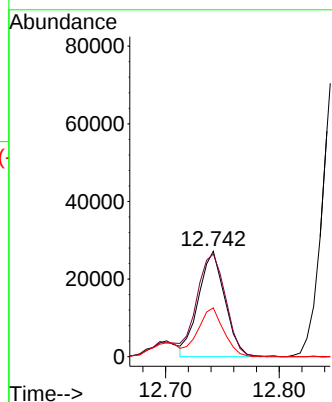
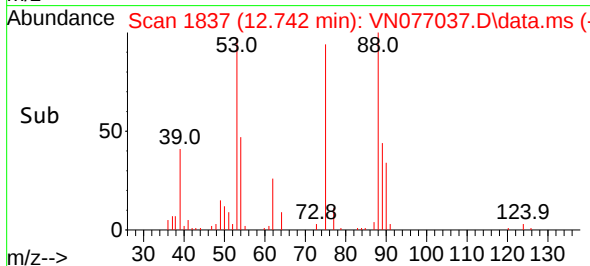
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



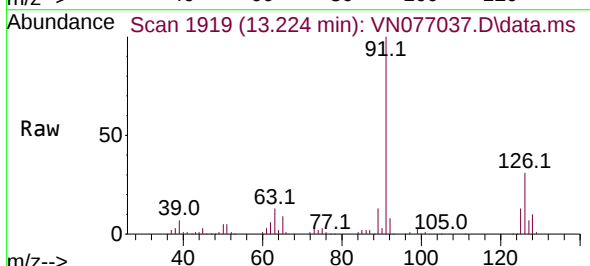
Tgt Ion: 75 Resp: 4389
Ion Ratio Lower Upper
75 100
53 121.4 80.8 121.2
89 45.5 34.2 51.4

Manual Integrations
APPROVED

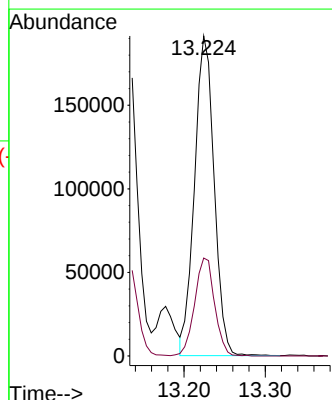
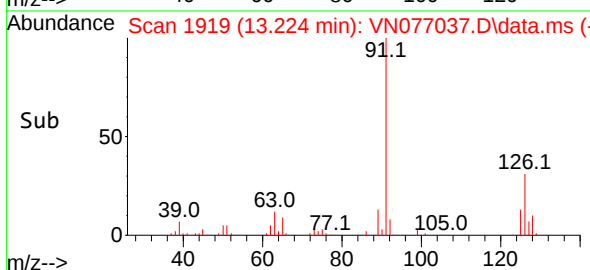
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

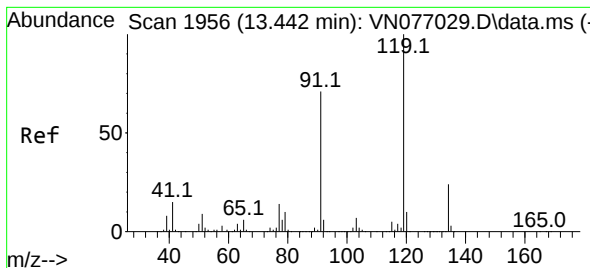


#82
4-Chlorotoluene
Concen: 19.647 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42



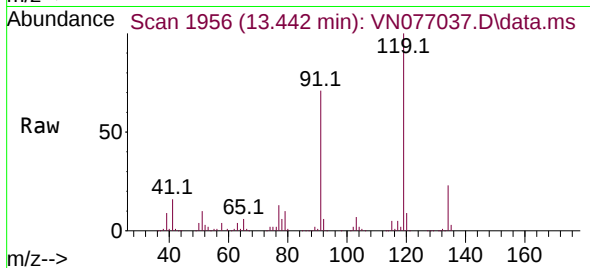
Tgt Ion: 91 Resp: 321017
Ion Ratio Lower Upper
91 100
126 31.2 15.5 46.5





#83
tert-Butylbenzene
Concen: 19.890 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

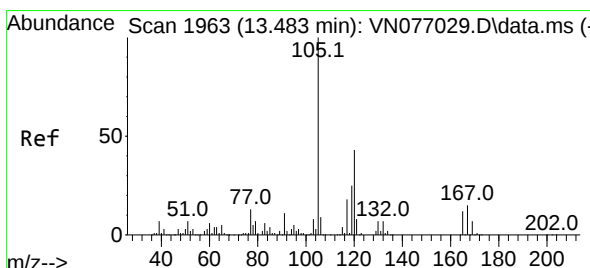
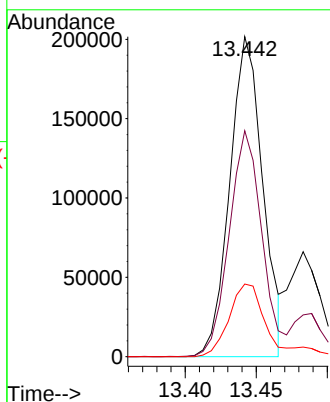
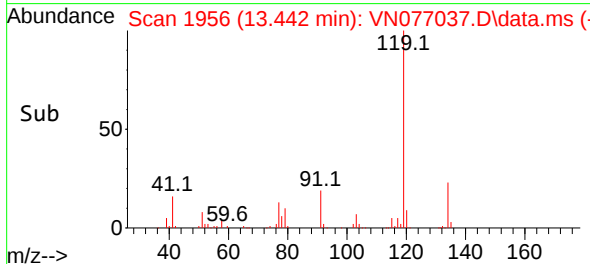
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



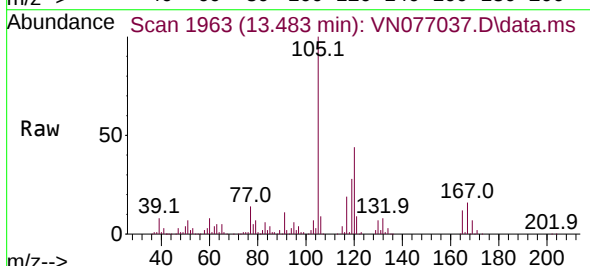
Tgt Ion:119 Resp: 32570
Ion Ratio Lower Upper
119 100
91 70.5 35.8 107.3
134 26.3 13.3 39.8

Manual Integrations
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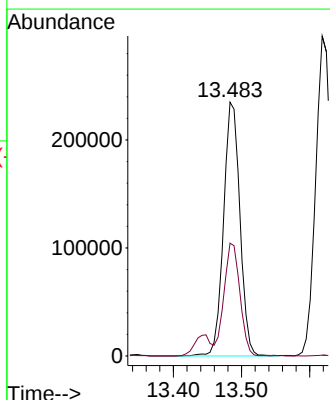
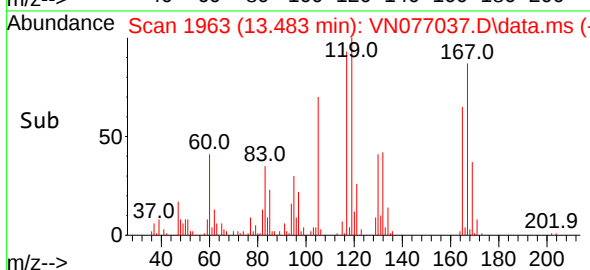
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

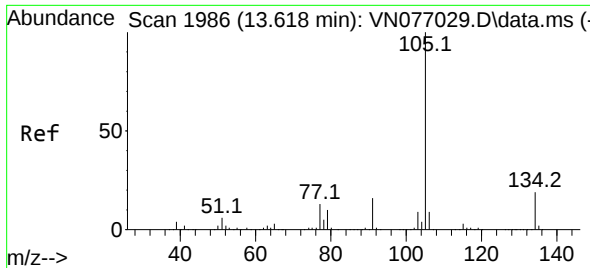


#84
1,2,4-Trimethylbenzene
Concen: 20.200 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42



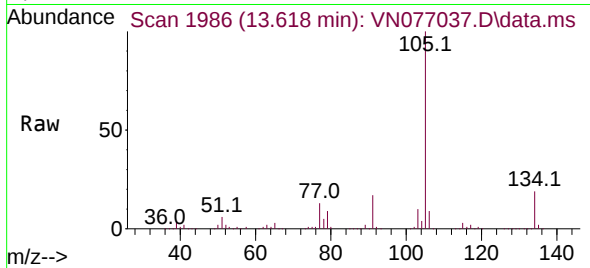
Tgt Ion:105 Resp: 393133
Ion Ratio Lower Upper
105 100
120 43.1 21.8 65.3





#85
 sec-Butylbenzene
 Concen: 20.402 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42

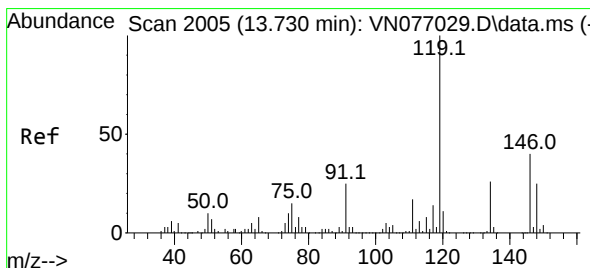
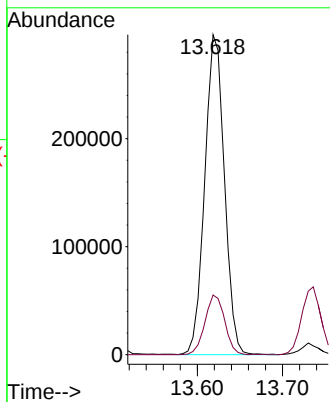
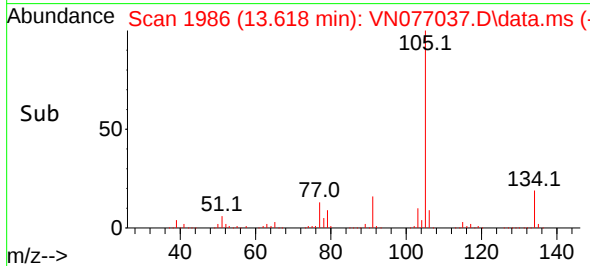
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBS01



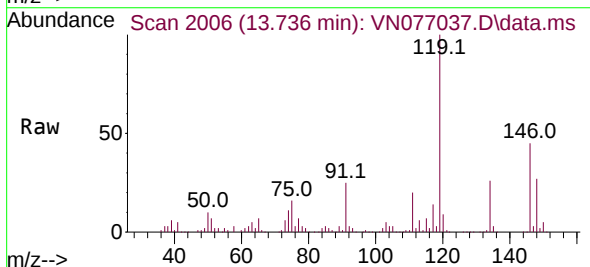
Tgt Ion:105 Resp: 475238
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 27.9

Manual Integrations
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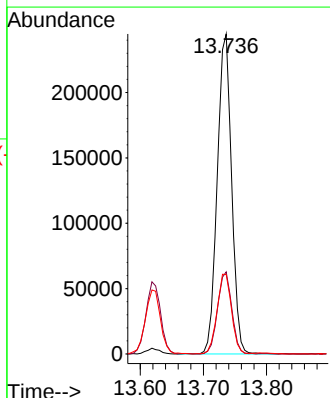
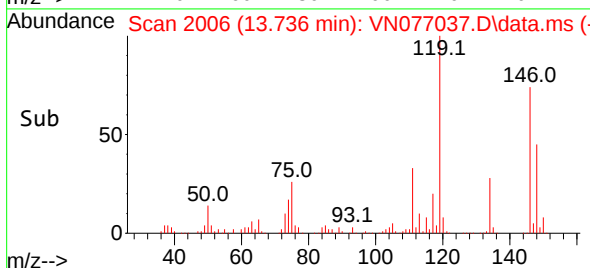
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

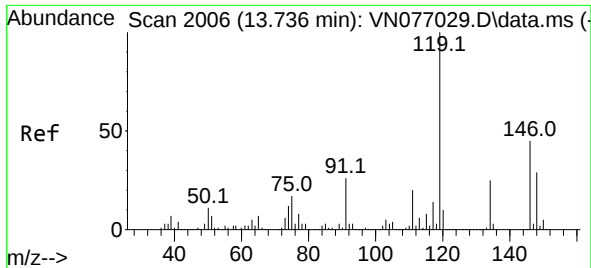


#86
 p-Isopropyltoluene
 Concen: 20.650 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42



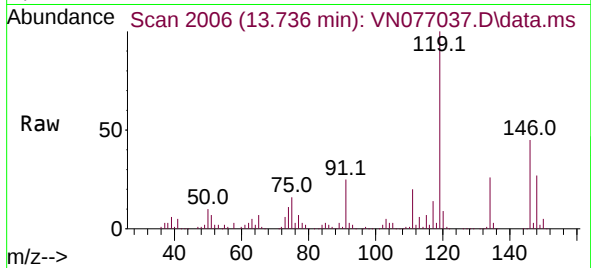
Tgt Ion:119 Resp: 386275
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 25.3 12.7 38.1





#87
 1,3-Dichlorobenzene
 Concen: 18.623 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42

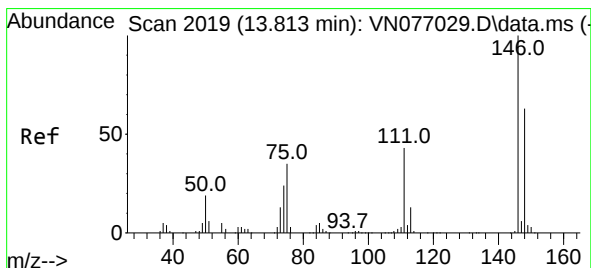
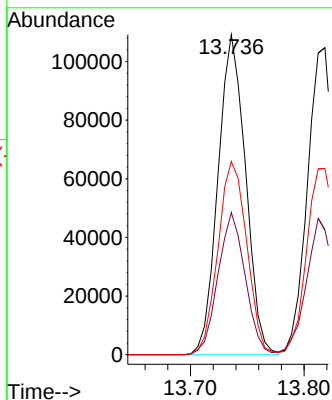
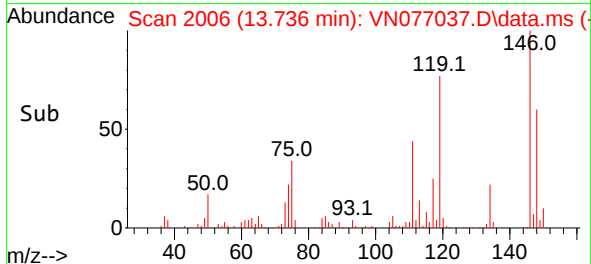
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBS01



Tgt Ion:146 Resp: 184179
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.9 65.5
 148 63.1 32.1 96.5

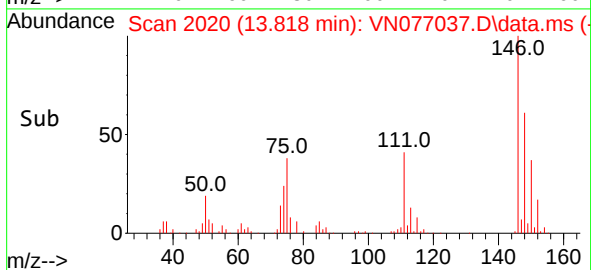
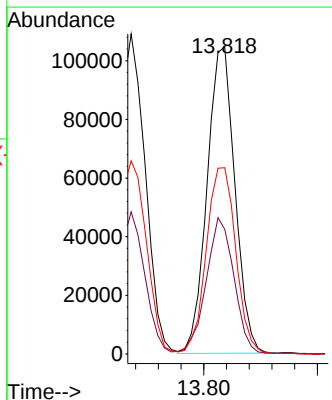
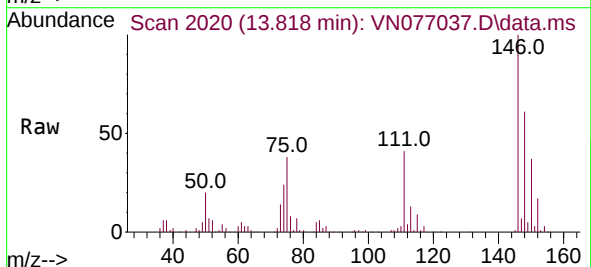
Manual Integrations
 APPROVED

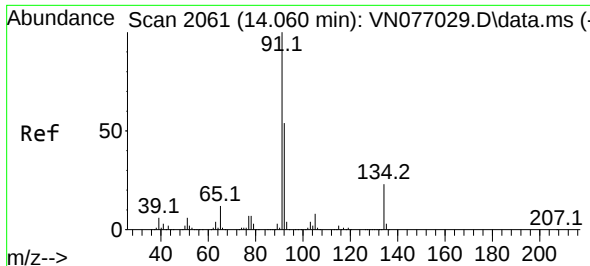
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#88
 1,4-Dichlorobenzene
 Concen: 18.082 ug/l
 RT: 13.818 min Scan# 2020
 Delta R.T. 0.006 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42

Tgt Ion:146 Resp: 177924
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.5 64.5
 148 64.6 31.9 95.9





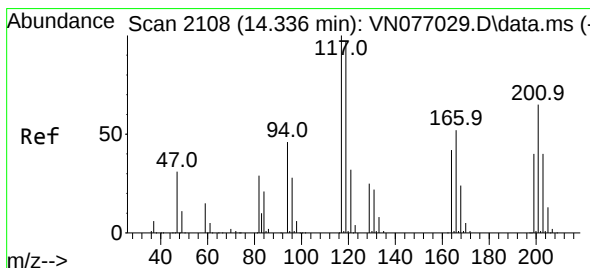
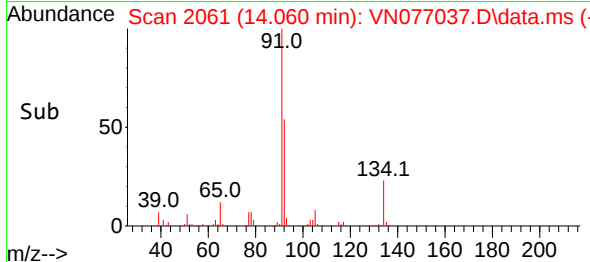
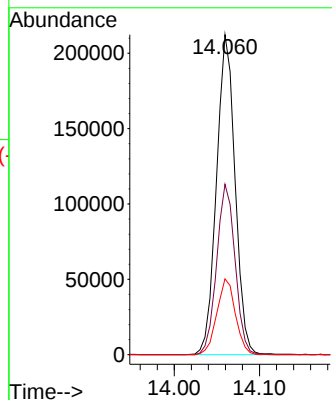
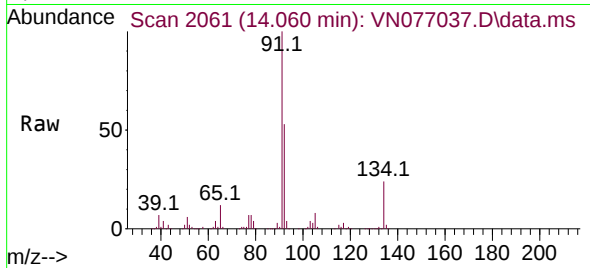
#89
n-Butylbenzene
Concen: 19.610 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

Tgt Ion: 91 Resp: 321798
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 23.6 11.7 35.1

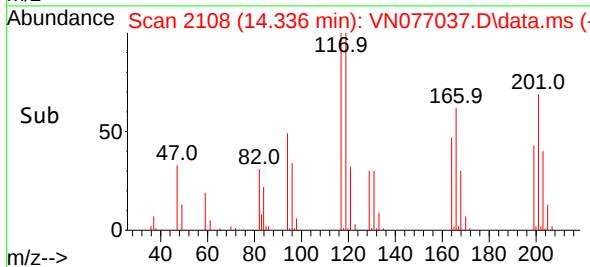
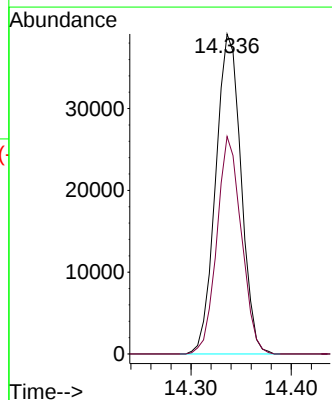
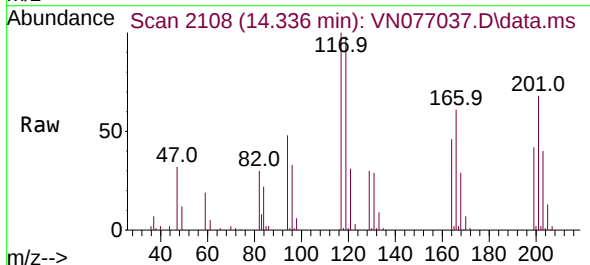
Manual Integrations
APPROVED

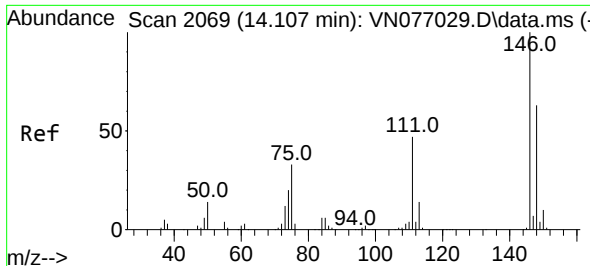
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#90
Hexachloroethane
Concen: 18.046 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

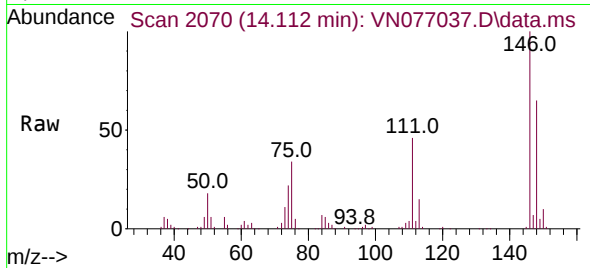
Tgt Ion:117 Resp: 68632
Ion Ratio Lower Upper
117 100
201 65.8 32.5 97.4





#91
1,2-Dichlorobenzene
Concen: 18.563 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

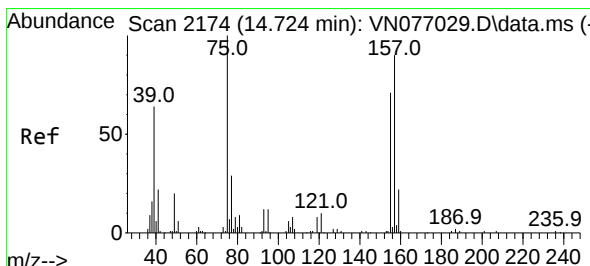
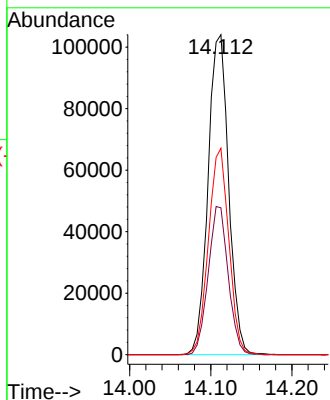
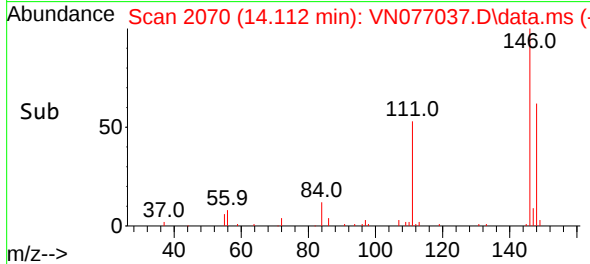
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



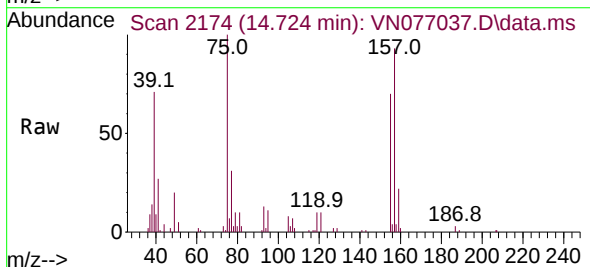
Tgt Ion:146 Resp: 18299
Ion Ratio Lower Upper
146 100
111 45.2 22.6 67.7
148 63.9 31.6 95.0

Manual Integrations
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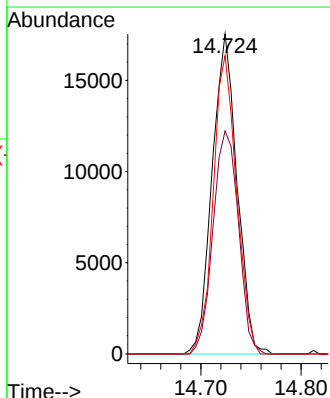
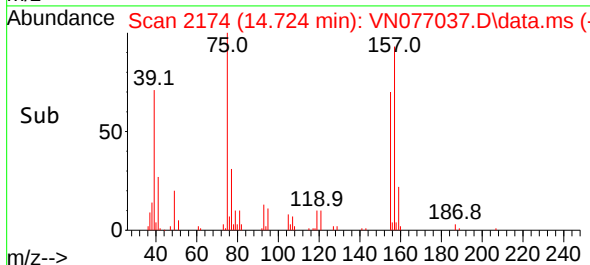
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

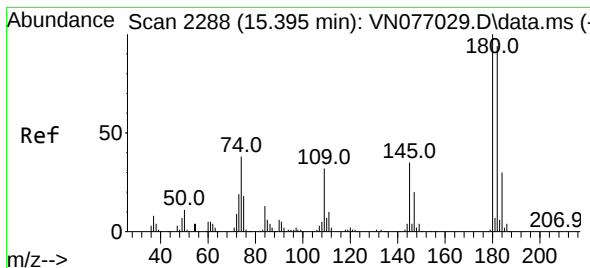


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.245 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42



Tgt Ion: 75 Resp: 30179
Ion Ratio Lower Upper
75 100
155 71.2 36.1 108.3
157 87.6 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 19.573 ug/l

RT: 15.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

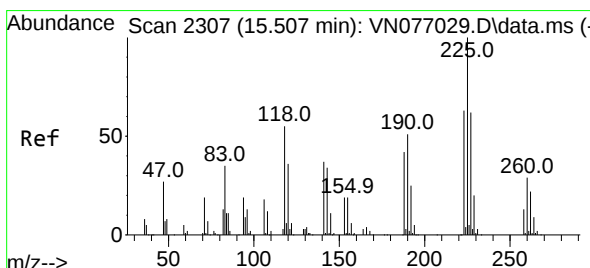
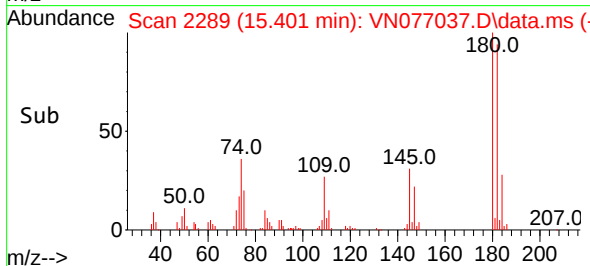
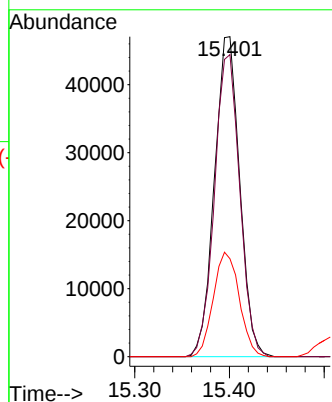
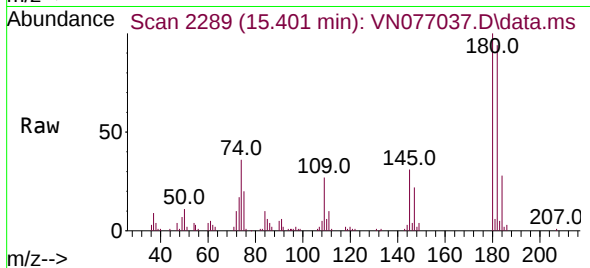
Tgt Ion:180	Resp:	8722
Ion Ratio	Lower	Upper
180	100	
182	94.6	47.3 141.9
145	33.6	16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#94

Hexachlorobutadiene

Concen: 18.839 ug/l

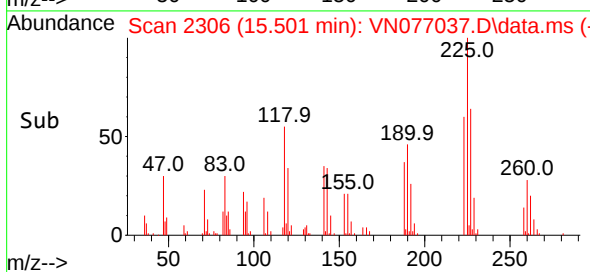
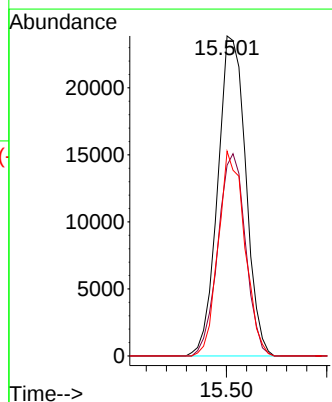
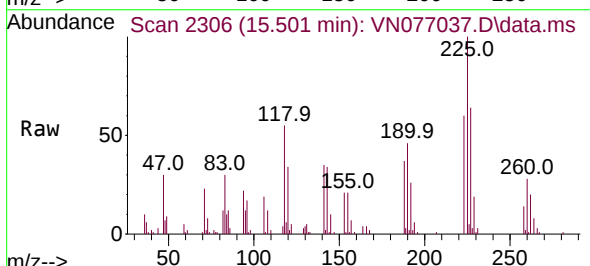
RT: 15.501 min Scan# 2306

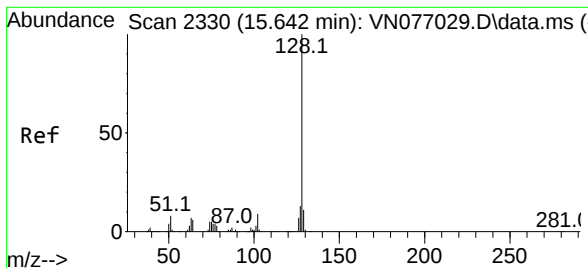
Delta R.T. -0.006 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

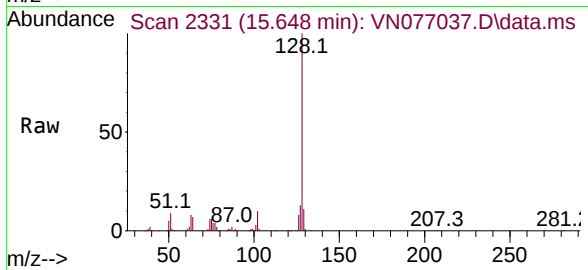
Tgt Ion:225	Resp:	46235
Ion Ratio	Lower	Upper
225	100	
223	62.1	31.6 95.0
227	60.3	31.3 93.8





#95
Naphthalene
Concen: 17.753 ug/l
RT: 15.648 min Scan# 2330
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

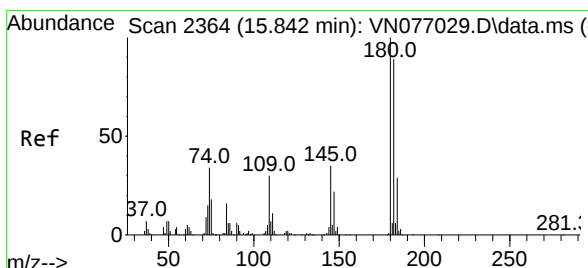
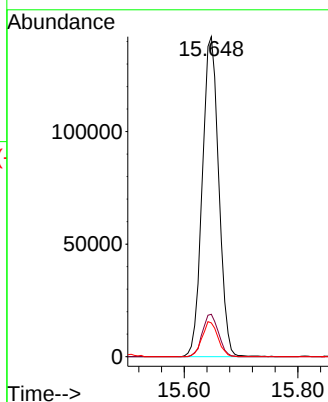
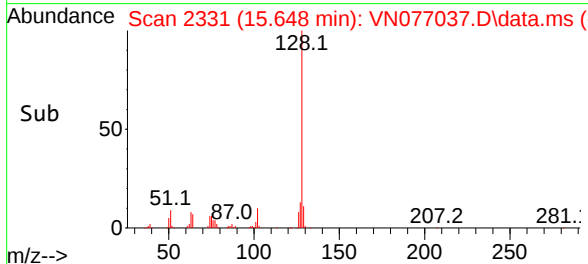
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01



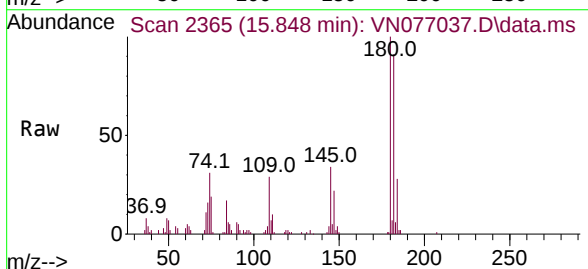
Tgt Ion:128 Resp: 285238
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.632 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42



Tgt Ion:180 Resp: 87787
Ion Ratio Lower Upper
180 100
182 92.7 47.4 142.2
145 36.4 17.9 53.8

