

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077708.D
 Acq On : 17 May 2023 12:58
 Operator : JC\MD
 Sample : VN0517WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2023
 Supervised By : Mahesh Dadoda 05/18/2023

Quant Time: May 18 01:37:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	390610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	713928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	628389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	273856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	294800	50.440	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.880%			
35) Dibromofluoromethane	8.171	113	235606	50.609	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.220%			
50) Toluene-d8	10.571	98	894409	49.914	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.820%			
62) 4-Bromofluorobenzene	12.853	95	309818	48.955	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	83943	18.883	ug/l	94
3) Chloromethane	2.365	50	85546	16.967	ug/l	97
4) Vinyl Chloride	2.518	62	95523	17.043	ug/l	96
5) Bromomethane	2.965	94	76085	18.355	ug/l	96
6) Chloroethane	3.136	64	85092	21.067	ug/l	90
7) Trichlorofluoromethane	3.506	101	146256	18.725	ug/l	93
8) Diethyl Ether	3.971	74	54881	19.246	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	82938	19.187	ug/l	99
10) Methyl Iodide	4.600	142	110140	21.365	ug/l	99
11) Tert butyl alcohol	5.524	59	73310	90.888	ug/l	96
12) 1,1-Dichloroethene	4.347	96	76142	18.533	ug/l	94
13) Acrolein	4.189	56	55741	93.043	ug/l	94
14) Allyl chloride	5.030	41	105443	17.471	ug/l	96
15) Acrylonitrile	5.724	53	202393	93.921	ug/l	100
16) Acetone	4.436	43	162658	88.460	ug/l	99
17) Carbon Disulfide	4.718	76	184394	16.658	ug/l	99
18) Methyl Acetate	5.030	43	146456	18.986	ug/l #	88
19) Methyl tert-butyl Ether	5.806	73	280974	18.895	ug/l	100
20) Methylene Chloride	5.283	84	96574	18.952	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	84454	18.300	ug/l #	82
22) Diisopropyl ether	6.677	45	266529	18.841	ug/l	96
23) Vinyl Acetate	6.612	43	782660	89.295	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	164805	19.016	ug/l	96
25) 2-Butanone	7.488	43	256470	89.164	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	134956	18.329	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	107135	19.361	ug/l	92
28) Bromochloromethane	7.818	49	77222	20.602	ug/l	86
29) Tetrahydrofuran	7.847	42	164296	87.232	ug/l	86
30) Chloroform	7.971	83	179165	18.793	ug/l	95
31) Cyclohexane	8.265	56	144724	18.219	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	152512	18.816	ug/l	98
36) 1,1-Dichloropropene	8.377	75	127383	18.707	ug/l	95
37) Ethyl Acetate	7.565	43	105232	17.339	ug/l	96
38) Carbon Tetrachloride	8.365	117	131615	19.141	ug/l	96
39) Methylcyclohexane	9.606	83	156843	18.814	ug/l	88
40) Benzene	8.612	78	386919	19.255	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	60077	18.587	ug/l	90
42) 1,2-Dichloroethane	8.677	62	139600	19.125	ug/l	96
43) Isopropyl Acetate	8.694	43	185213	18.683	ug/l #	93
44) Trichloroethene	9.359	130	98280	19.316	ug/l	97
45) 1,2-Dichloropropane	9.629	63	101164	19.738	ug/l	98
46) Dibromomethane	9.712	93	70803	19.305	ug/l	97
47) Bromodichloromethane	9.894	83	137672	19.607	ug/l	97
48) Methyl methacrylate	9.688	41	90705	19.298	ug/l	85
49) 1,4-Dioxane	9.706	88	33449	376.793	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	551508	93.593	ug/l	94
52) Toluene	10.635	92	248656	19.877	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	144388	19.418	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	158137	19.299	ug/l	90
55) 1,1,2-Trichloroethane	11.024	97	100134	20.160	ug/l	97
56) Ethyl methacrylate	10.876	69	145316	19.349	ug/l	90
57) 1,3-Dichloropropane	11.171	76	168532	19.792	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	376379	101.870	ug/l	92
59) 2-Hexanone	11.200	43	400839	91.966	ug/l	91
60) Dibromochloromethane	11.365	129	102823	20.052	ug/l	99
61) 1,2-Dibromoethane	11.476	107	99071	19.993	ug/l	99
64) Tetrachloroethene	11.112	164	90972	20.701	ug/l	95
65) Chlorobenzene	11.900	112	259773	19.069	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	94792	20.110	ug/l	98
67) Ethyl Benzene	11.970	91	465890	19.084	ug/l	99
68) m/p-Xylenes	12.076	106	351348	37.983	ug/l	95
69) o-Xylene	12.406	106	177430	19.504	ug/l	97
70) Styrene	12.418	104	281111	19.452	ug/l	96
71) Bromoform	12.582	173	61908	19.743	ug/l #	98
73) Isopropylbenzene	12.700	105	456376	19.333	ug/l	99
74) N-amyl acetate	12.500	43	150934	17.298	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	136206	18.755	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	130026m	18.959	ug/l	
77) Bromobenzene	12.988	156	101720	18.882	ug/l	99
78) n-propylbenzene	13.041	91	528833	19.002	ug/l	100
79) 2-Chlorotoluene	13.135	91	321951	19.387	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	388342	19.573	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	37345	17.406	ug/l #	86
82) 4-Chlorotoluene	13.229	91	314682	19.045	ug/l	100
83) tert-Butylbenzene	13.447	119	335234	19.355	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	387113	19.839	ug/l	98
85) sec-Butylbenzene	13.623	105	465749	18.921	ug/l	100
86) p-Isopropyltoluene	13.735	119	387602	19.751	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	189111	18.982	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	187383	18.954	ug/l	99
89) n-Butylbenzene	14.064	91	332363	18.414	ug/l	99
90) Hexachloroethane	14.341	117	61042	18.935	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	182123	19.568	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	24736	17.593	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	100238	18.430	ug/l	96
94) Hexachlorobutadiene	15.511	225	41652	18.445	ug/l	97
95) Naphthalene	15.653	128	312658	16.701	ug/l	98
96) 1,2,3-Trichlorobenzene	15.853	180	93629	17.582	ug/l	96

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

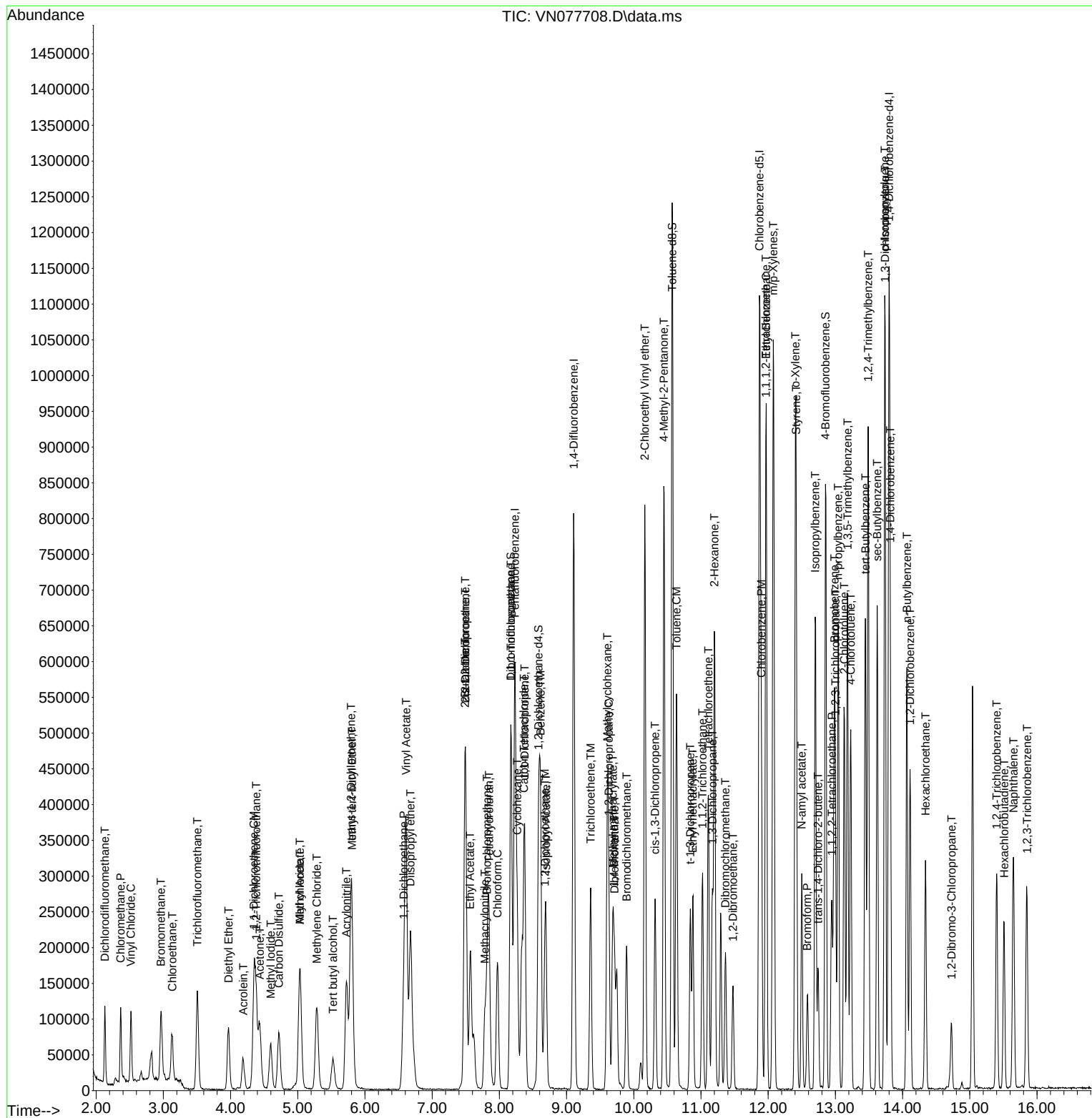
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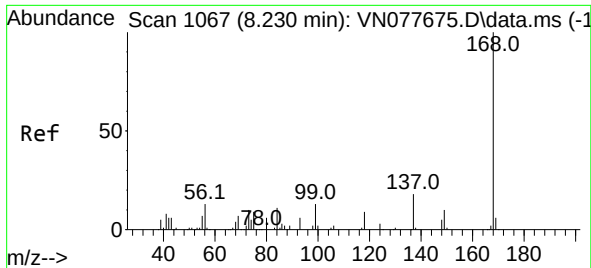
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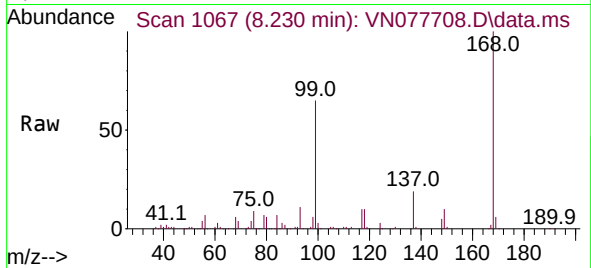
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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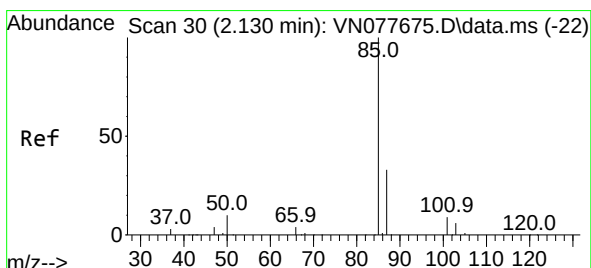
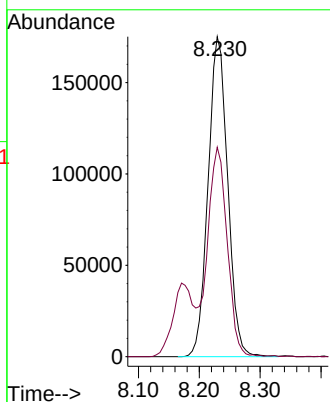
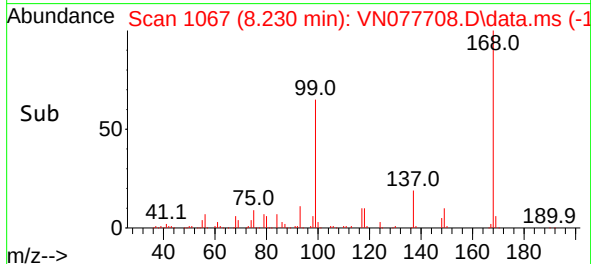
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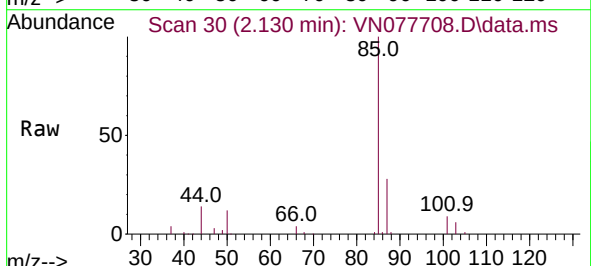
Tgt Ion:168 Resp: 390610
Ion Ratio Lower Upper
168 100
99 65.3 53.0 79.6

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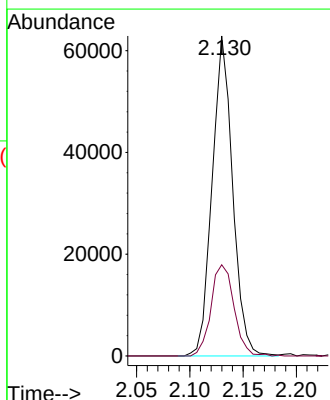
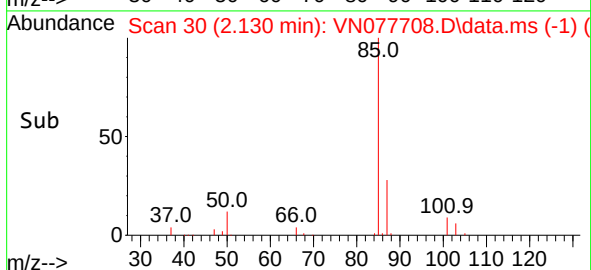
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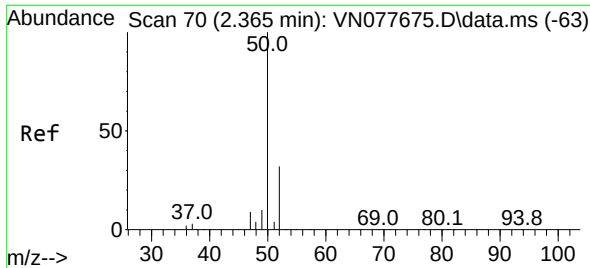


#2
Dichlorodifluoromethane
Concen: 18.883 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



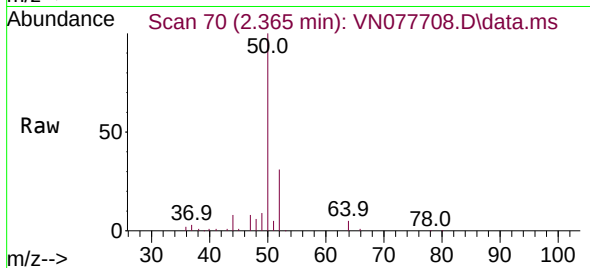
Tgt Ion: 85 Resp: 83943
Ion Ratio Lower Upper
85 100
87 28.5 15.8 47.4





#3
Chloromethane
Concen: 16.967 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

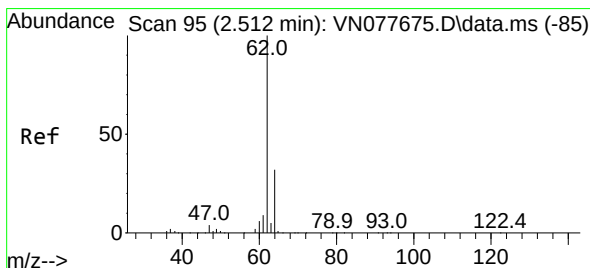
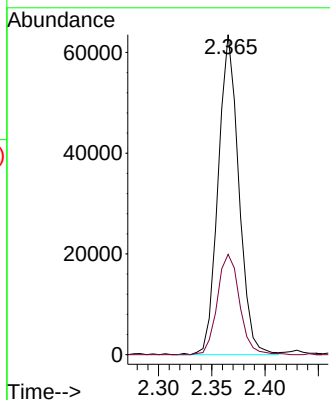
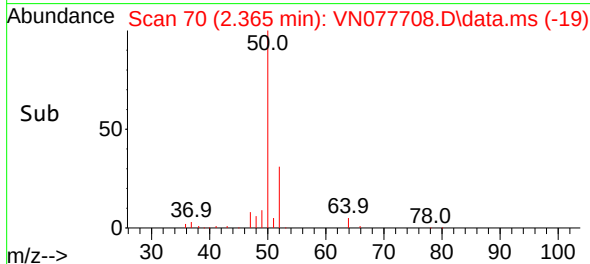
Instrument :
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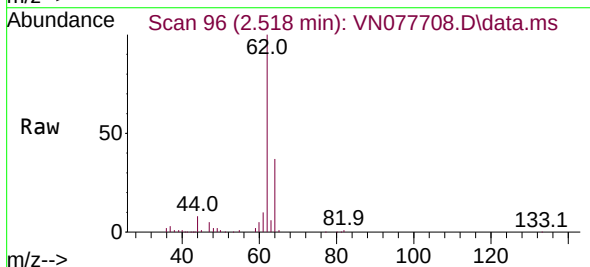
Tgt Ion: 50 Resp: 85540
Ion Ratio Lower Upper
50 100
52 31.4 26.5 39.7

Manual Integrations
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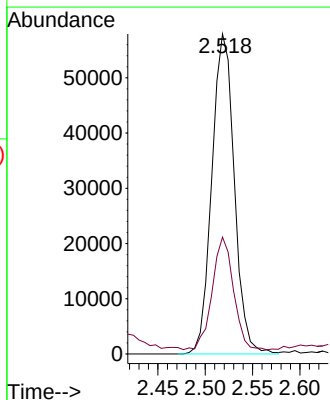
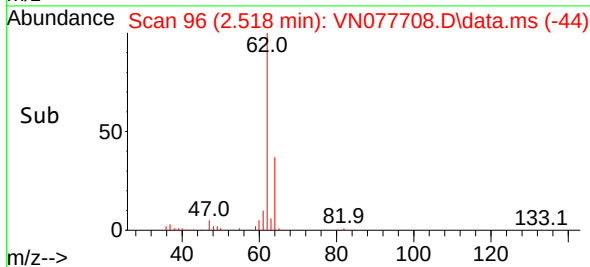
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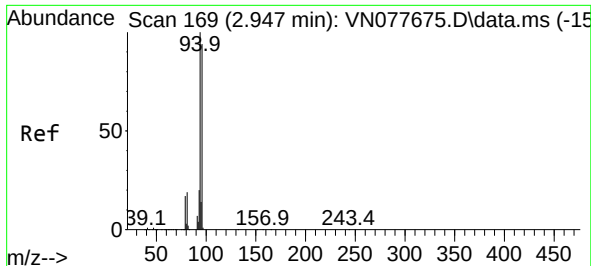


#4
Vinyl Chloride
Concen: 17.043 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



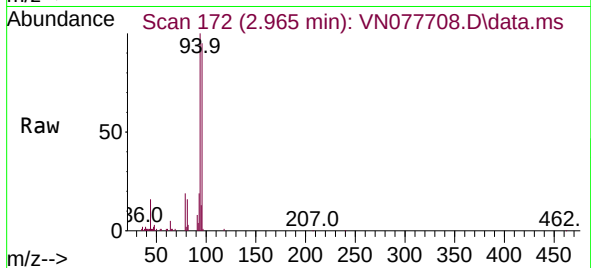
Tgt Ion: 62 Resp: 95523
Ion Ratio Lower Upper
62 100
64 35.1 26.2 39.2





#5
Bromomethane
Concen: 18.355 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

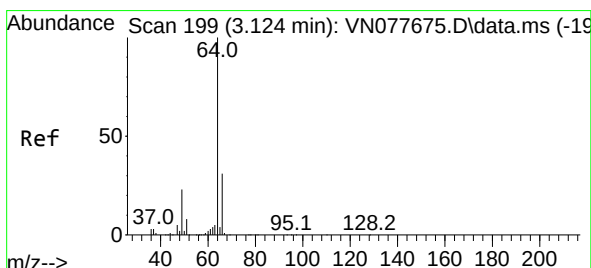
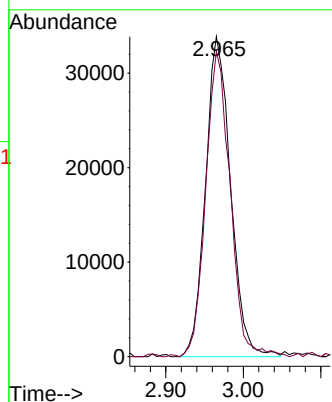
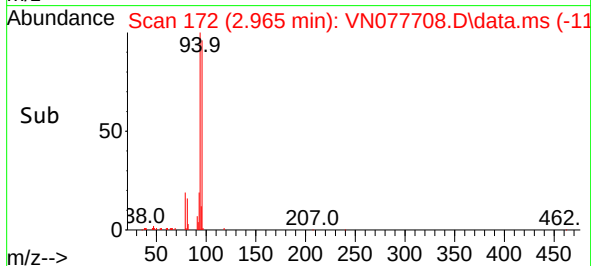
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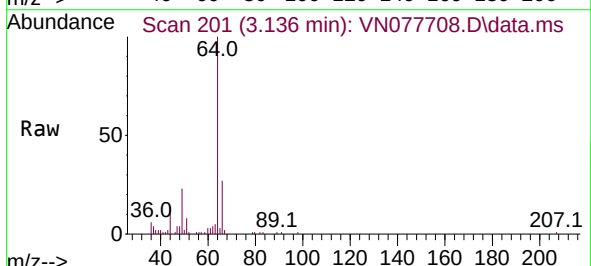
Tgt Ion: 94 Resp: 7608
Ion Ratio Lower Upper
94 100
96 95.4 73.1 109.7

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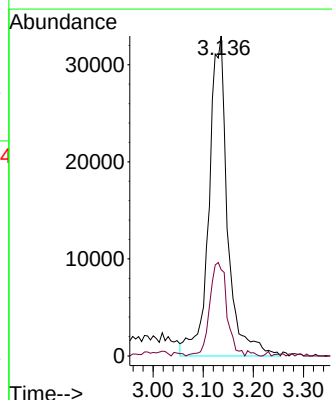
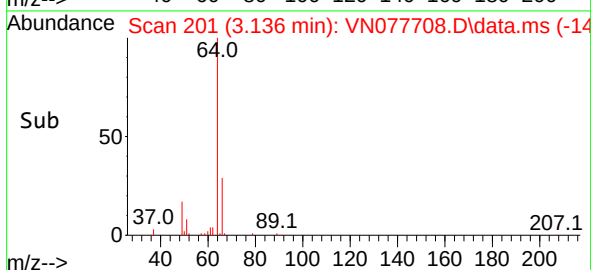
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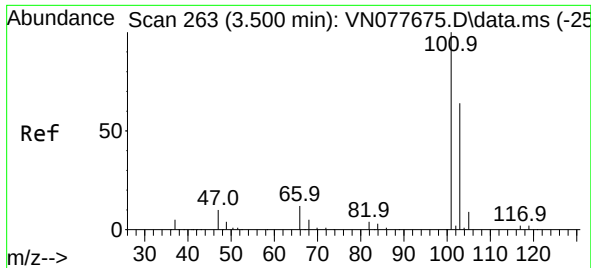


#6
Chloroethane
Concen: 21.067 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



Tgt Ion: 64 Resp: 85092
Ion Ratio Lower Upper
64 100
66 26.4 25.4 38.2





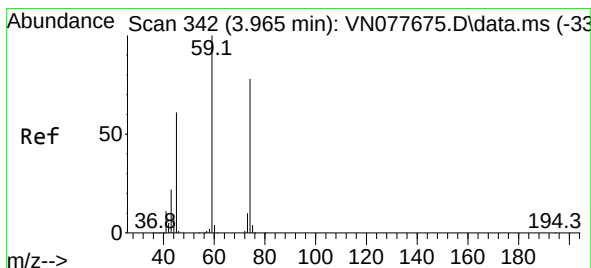
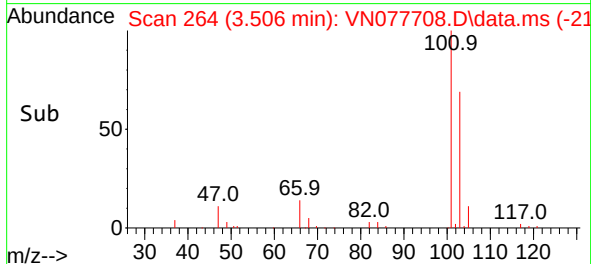
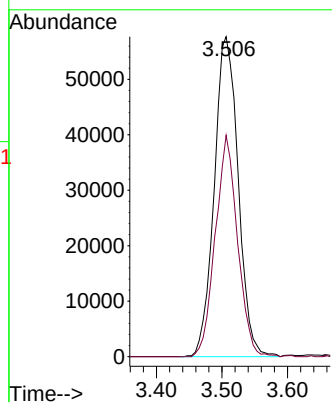
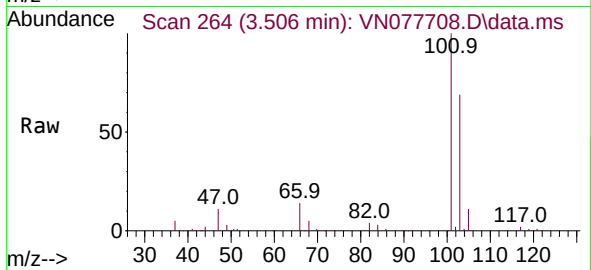
#7
Trichlorofluoromethane
Concen: 18.725 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

Instrument :
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Tgt Ion:101 Resp: 146250
Ion Ratio Lower Upper
101 100
103 69.2 50.7 76.1

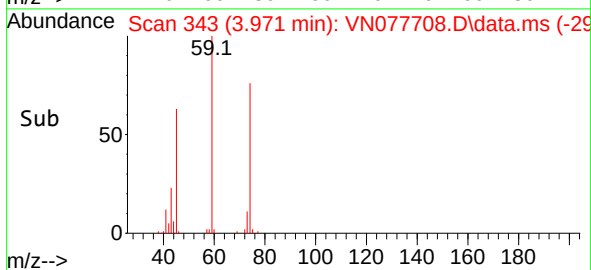
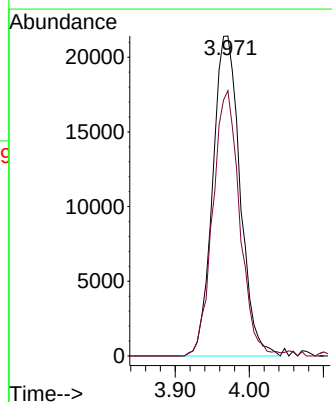
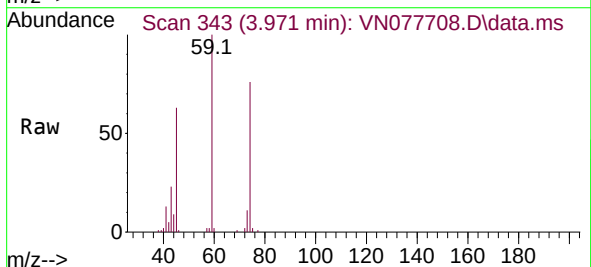
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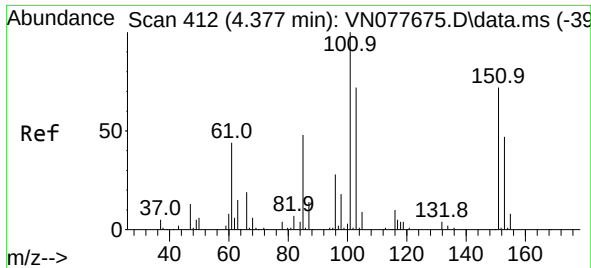
Reviewed By :John Carlone 05/18/2023
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#8
Diethyl Ether
Concen: 19.246 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

Tgt Ion: 74 Resp: 54881
Ion Ratio Lower Upper
74 100
45 81.7 34.4 103.3





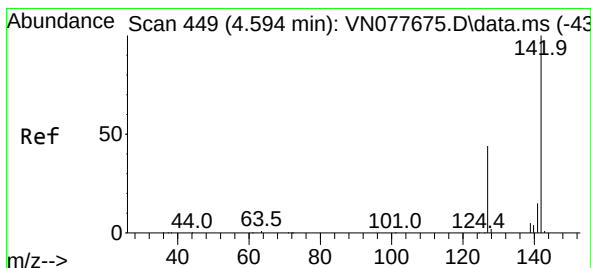
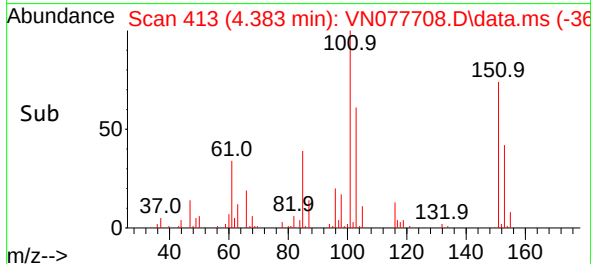
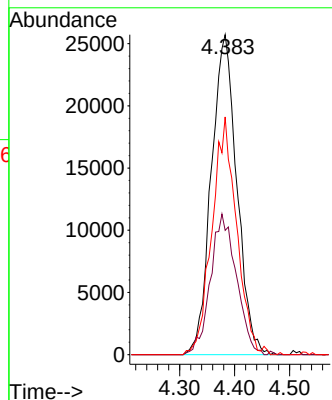
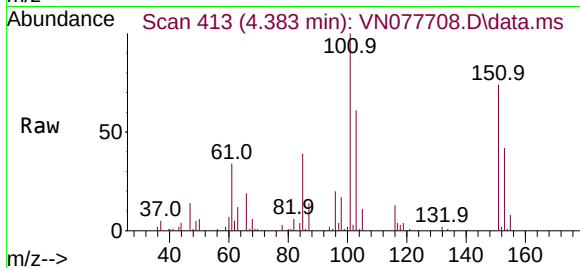
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.187 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion:101 Resp: 82938
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 71.2 57.6 86.4

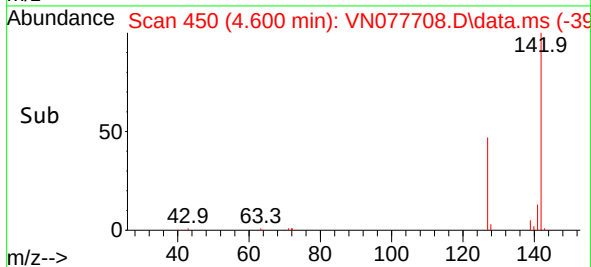
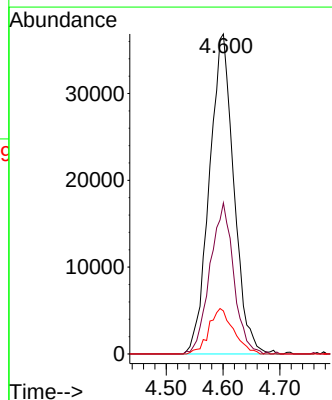
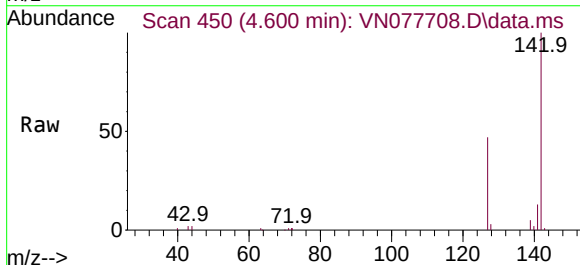
Manual Integrations
APPROVED

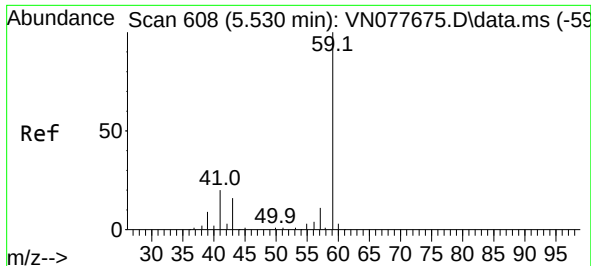
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#10
Methyl Iodide
Concen: 21.365 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

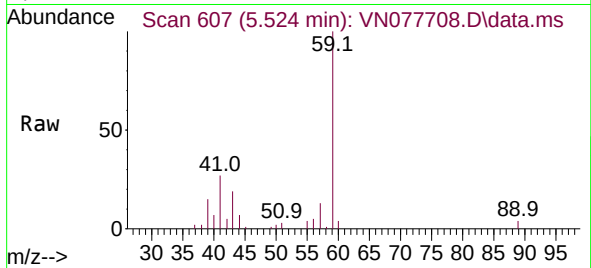
Tgt Ion:142 Resp: 110140
Ion Ratio Lower Upper
142 100
127 47.2 37.6 56.4
141 13.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 90.888 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

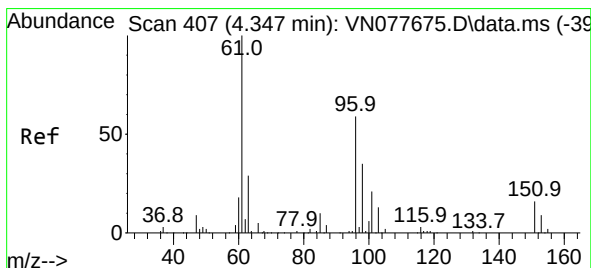
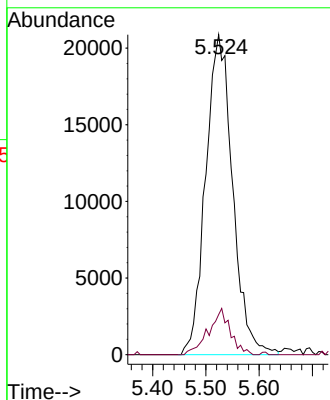
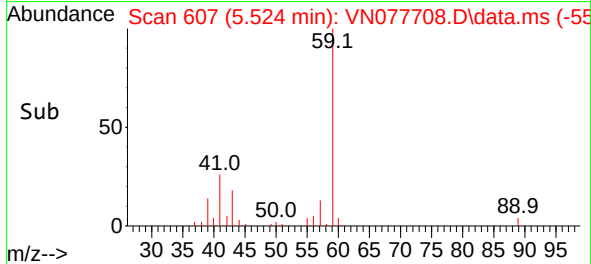
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



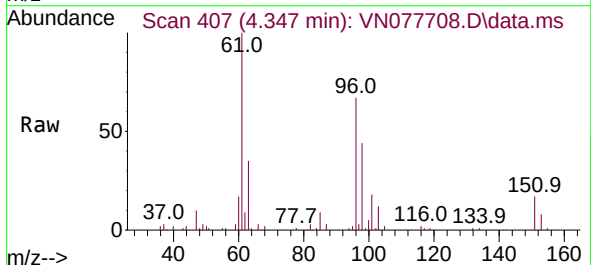
Tgt Ion: 59 Resp: 73310
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.4

Manual Integrations
APPROVED

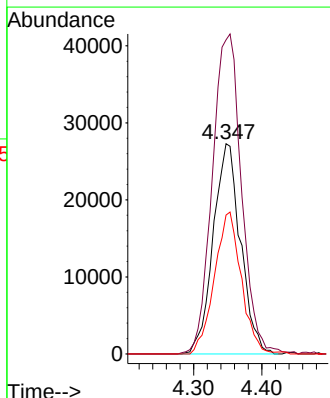
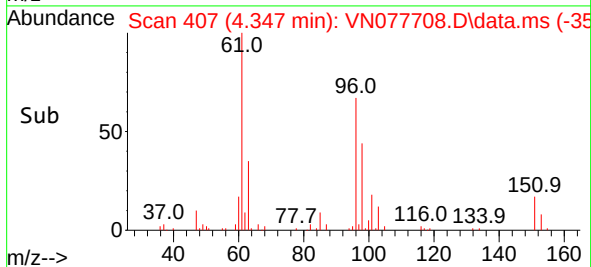
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

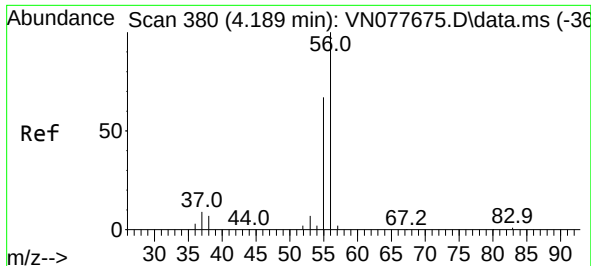


#12
1,1-Dichloroethene
Concen: 18.533 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



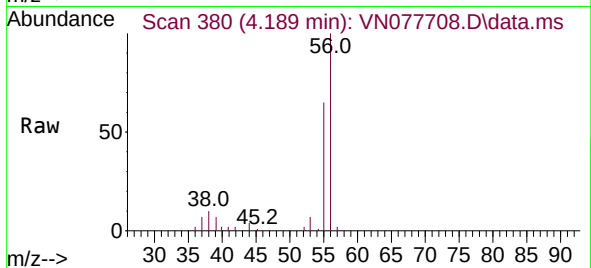
Tgt Ion: 96 Resp: 76142
Ion Ratio Lower Upper
96 100
61 149.5 112.7 169.1
98 66.1 51.2 76.8





#13
Acrolein
Concen: 93.043 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

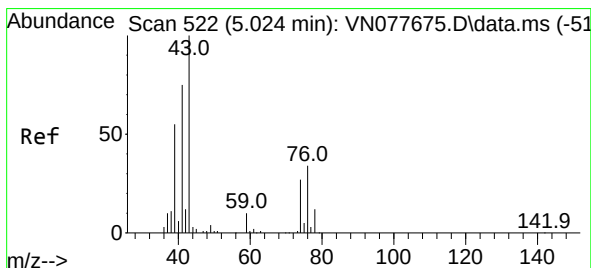
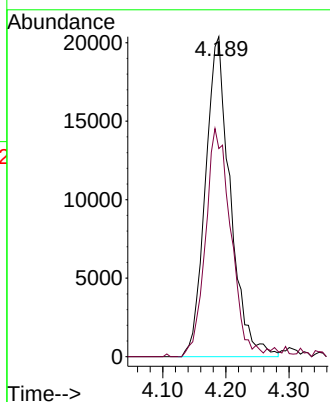
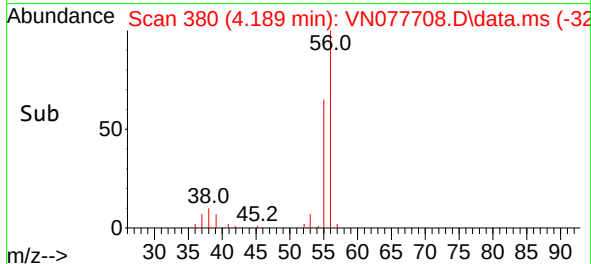
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



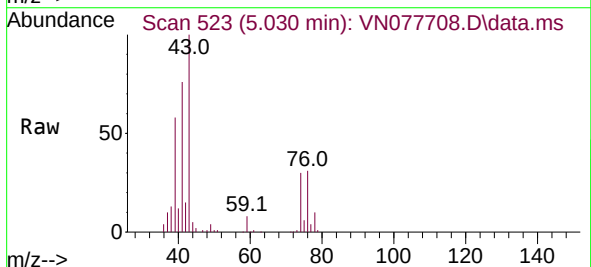
Tgt Ion: 56 Resp: 5574
Ion Ratio Lower Upper
56 100
55 72.6 54.5 81.7

Manual Integrations
APPROVED

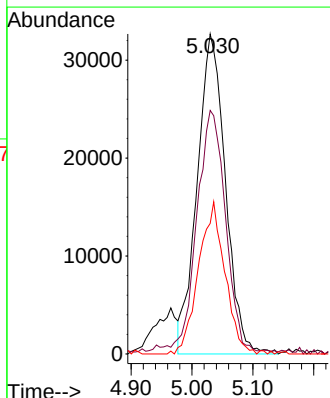
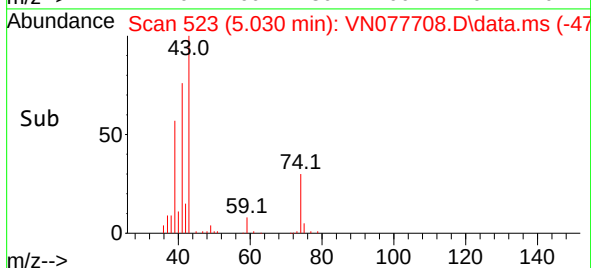
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

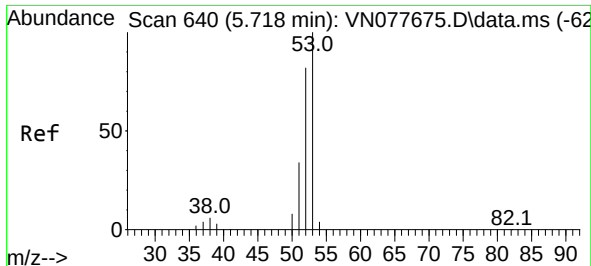


#14
Allyl chloride
Concen: 17.471 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



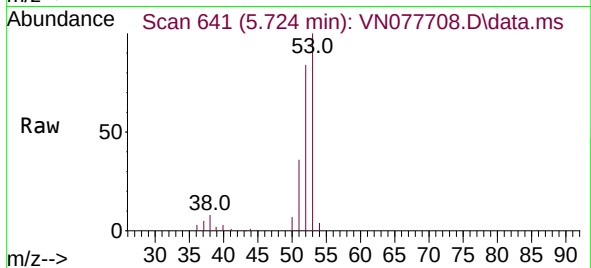
Tgt Ion: 41 Resp: 105443
Ion Ratio Lower Upper
41 100
39 74.9 58.8 88.2
76 44.3 39.1 58.7





#15
Acrylonitrile
Concen: 93.921 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

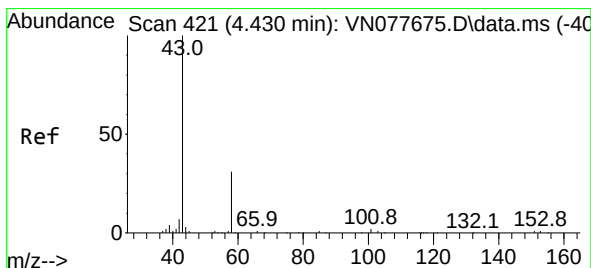
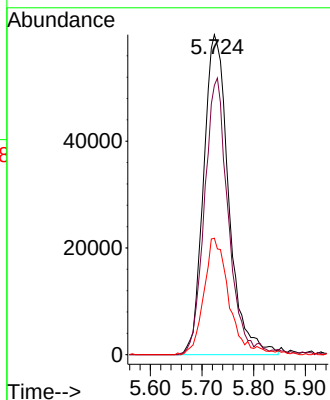
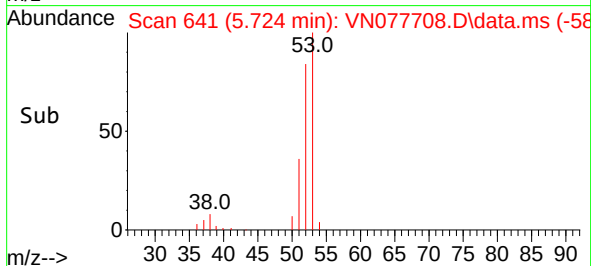
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



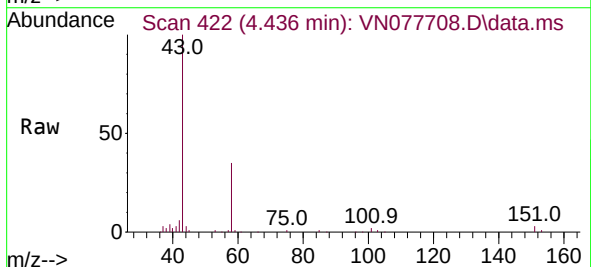
Tgt Ion: 53 Resp: 20239
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 35.4 28.9 43.3

Manual Integrations
APPROVED

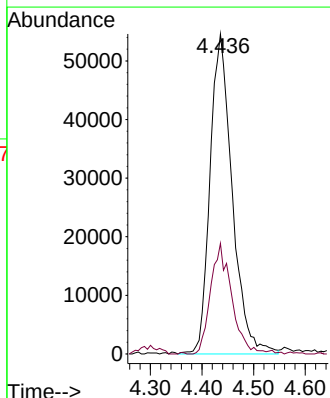
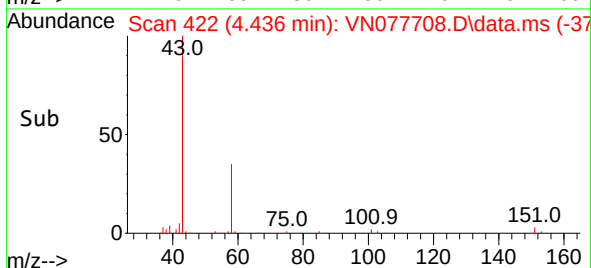
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

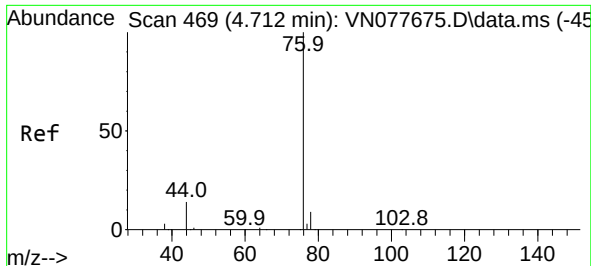


#16
Acetone
Concen: 88.460 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



Tgt Ion: 43 Resp: 162658
Ion Ratio Lower Upper
43 100
58 34.6 28.0 42.0





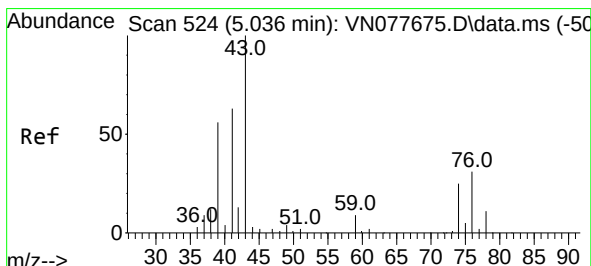
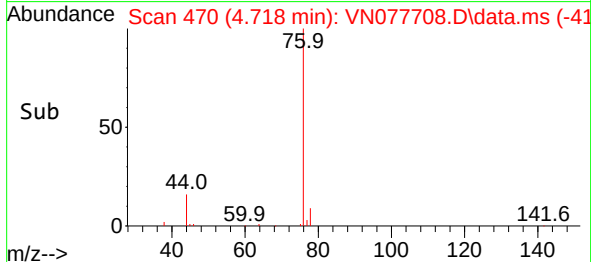
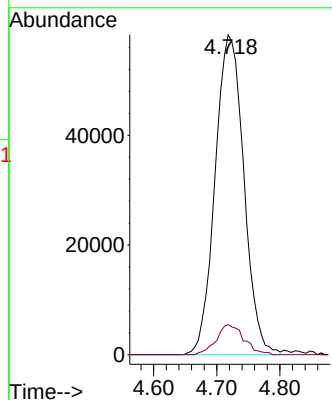
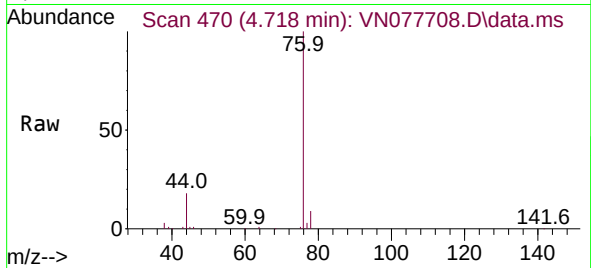
#17
Carbon Disulfide
Concen: 16.658 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion: 76 Resp: 184394
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

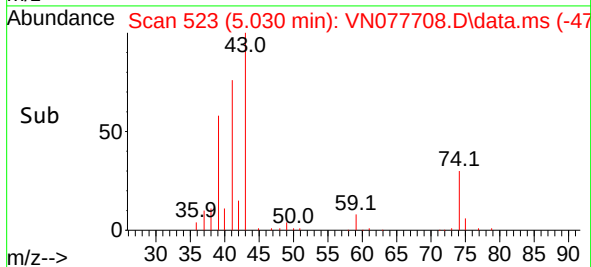
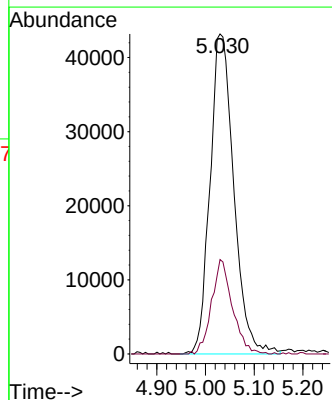
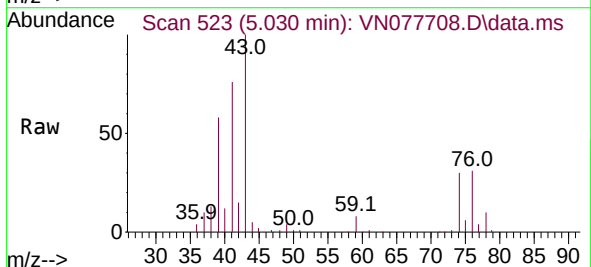
Manual Integrations
APPROVED

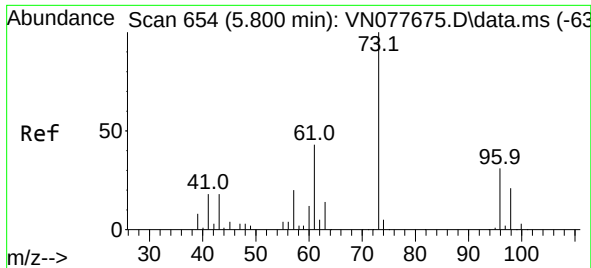
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#18
Methyl Acetate
Concen: 18.986 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

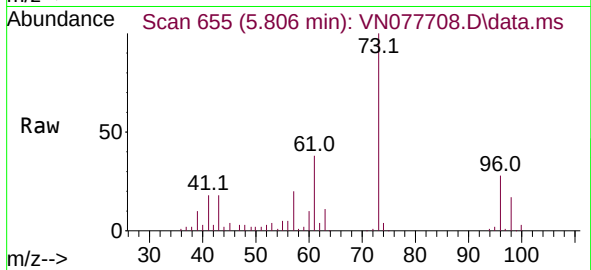
Tgt Ion: 43 Resp: 146456
Ion Ratio Lower Upper
43 100
74 25.9 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 18.895 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

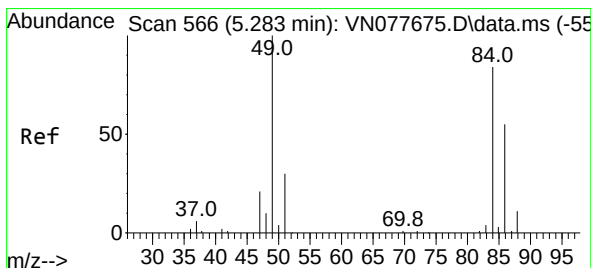
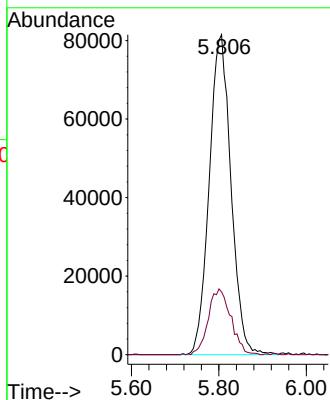
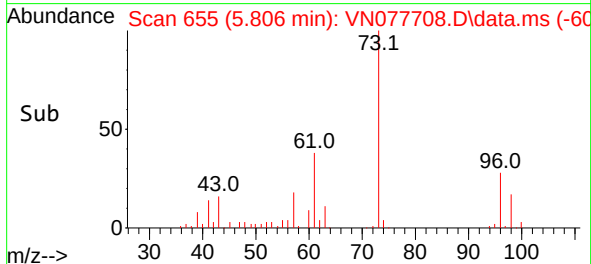
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 73 Resp: 280974
Ion Ratio Lower Upper
73 100
57 19.6 15.6 23.4

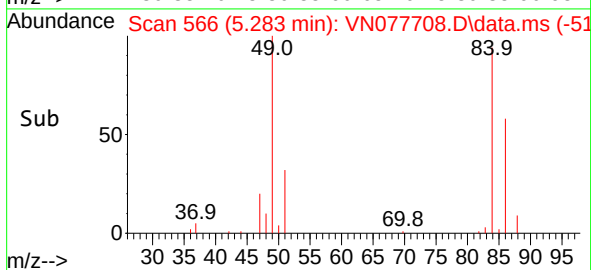
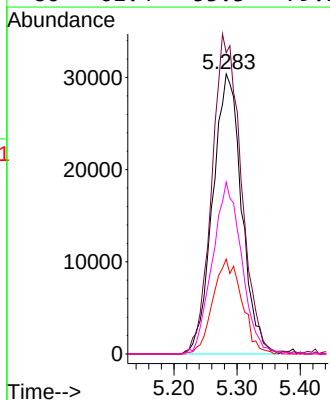
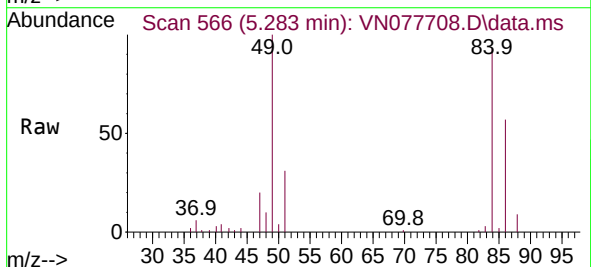
Manual Integrations
APPROVED

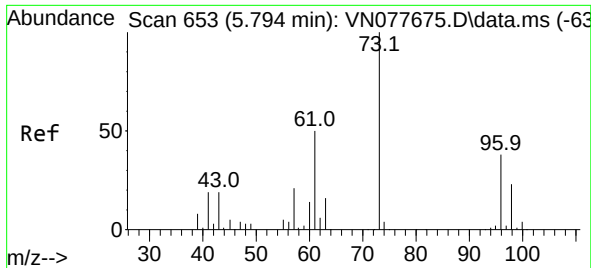
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#20
Methylene Chloride
Concen: 18.952 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

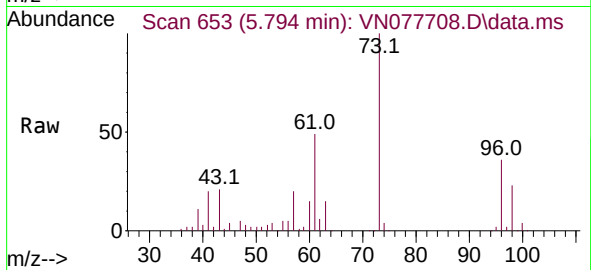
Tgt Ion: 84 Resp: 96574
Ion Ratio Lower Upper
84 100
49 107.6 79.7 119.5
51 33.9 25.2 37.8
86 61.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.300 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

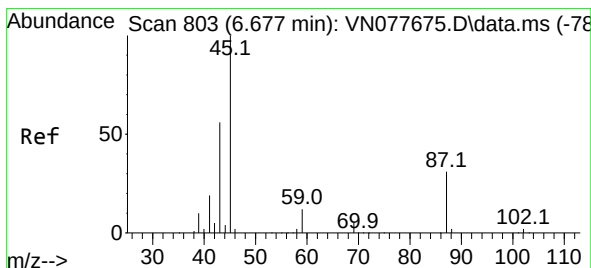
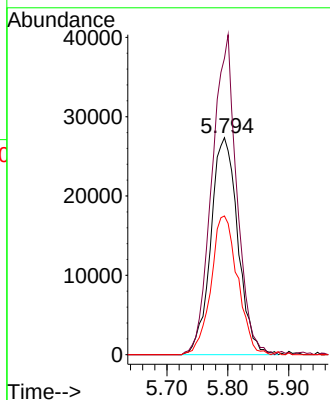
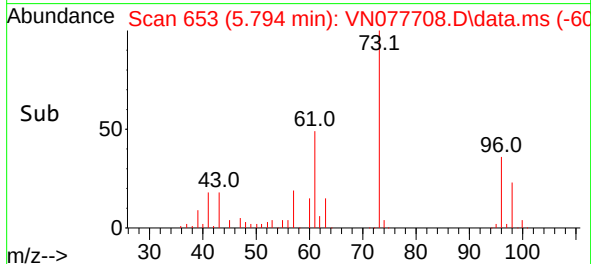
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 96 Resp: 84454
Ion Ratio Lower Upper
96 100
61 136.6 90.1 135.1
98 63.9 46.4 69.6

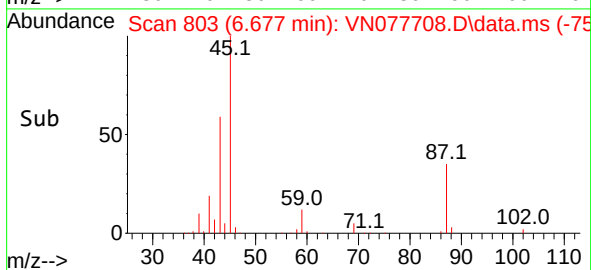
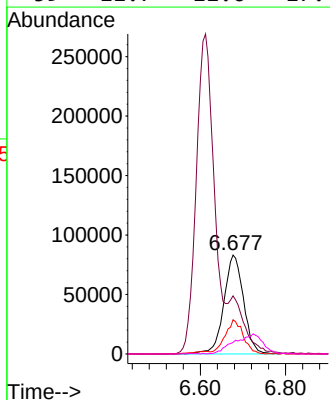
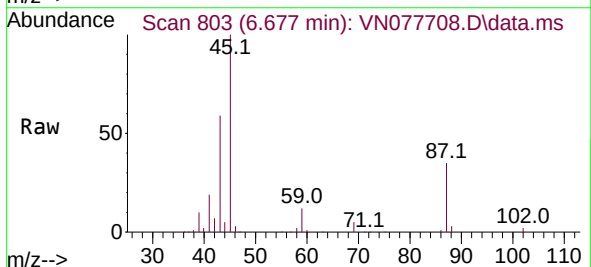
Manual Integrations
APPROVED

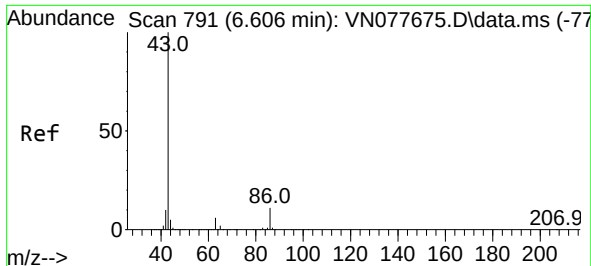
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#22
Diisopropyl ether
Concen: 18.841 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

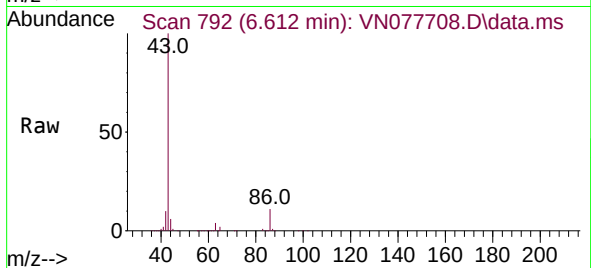
Tgt Ion: 45 Resp: 266529
Ion Ratio Lower Upper
45 100
43 57.5 45.5 68.3
87 34.5 31.8 47.8
59 11.7 11.6 17.4





#23
 Vinyl Acetate
 Concen: 89.295 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077708.D
 Acq: 17 May 2023 12:58

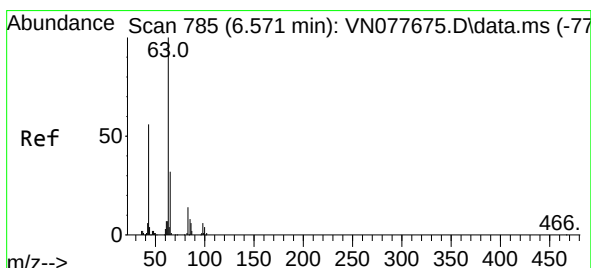
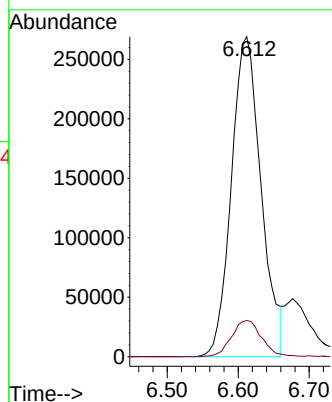
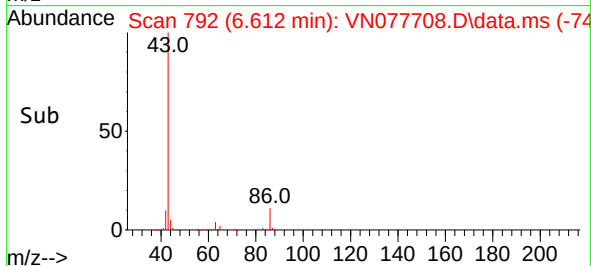
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD01



Tgt Ion: 43 Resp: 782660
 Ion Ratio Lower Upper
 43 100
 86 11.3 13.0 19.6

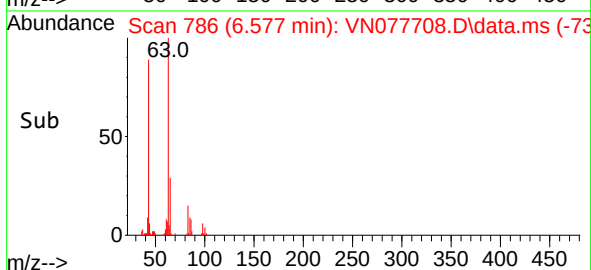
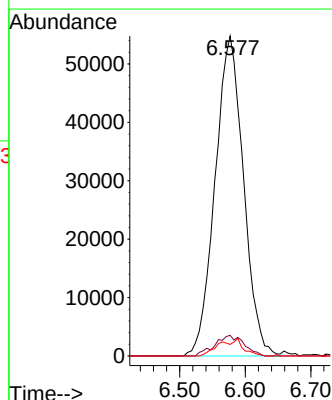
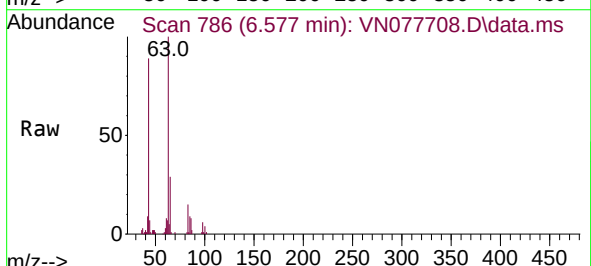
Manual Integrations
 APPROVED

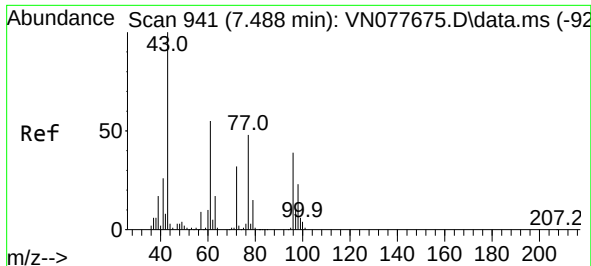
Reviewed By :John Carlone 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023



#24
 1,1-Dichloroethane
 Concen: 19.016 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077708.D
 Acq: 17 May 2023 12:58

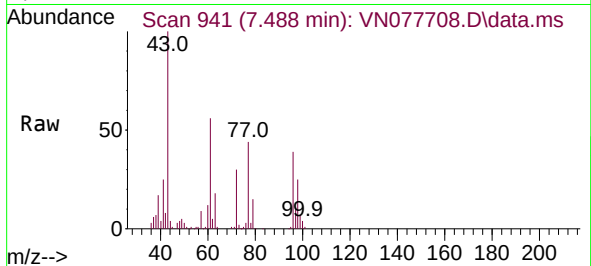
Tgt Ion: 63 Resp: 164805
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 3.6 2.5 7.4





#25
2-Butanone
Concen: 89.164 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

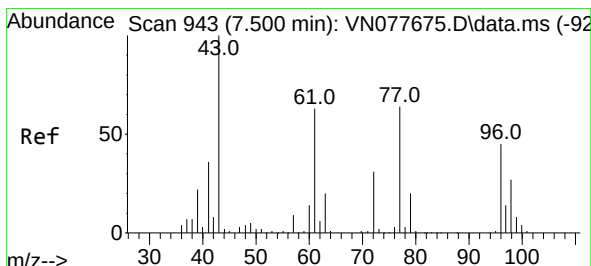
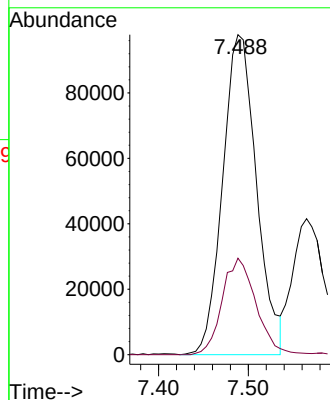
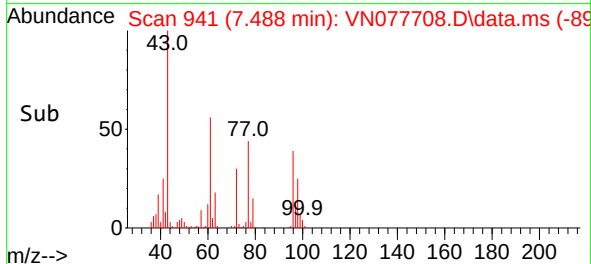
Instrument :
MSVOA_N
Client Sample Id :
VN0517WBSD01



Tgt Ion: 43 Resp: 256470
Ion Ratio Lower Upper
43 100
72 30.1 30.2 45.2

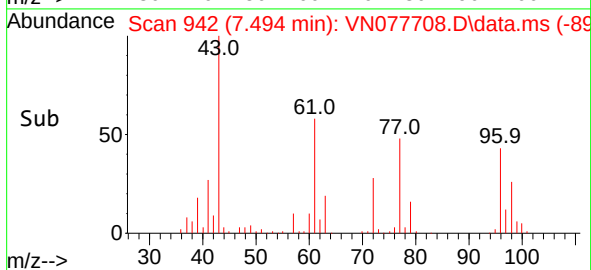
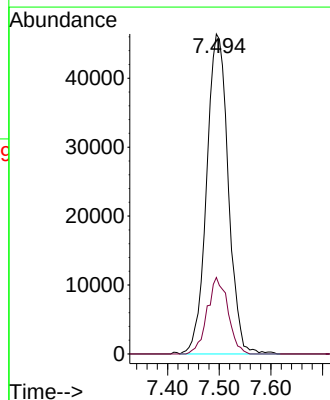
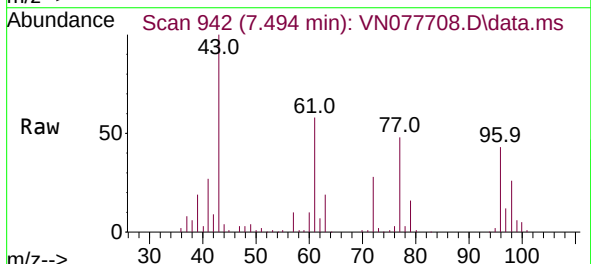
Manual Integrations
APPROVED

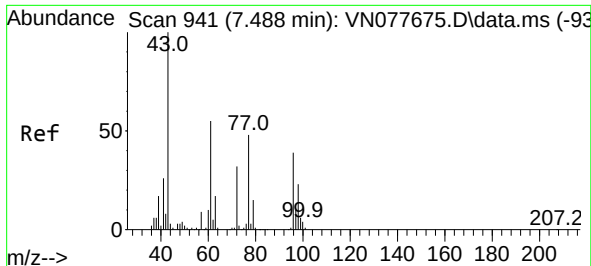
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#26
2,2-Dichloropropane
Concen: 18.329 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

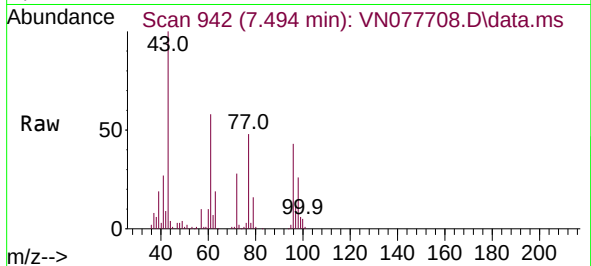
Tgt Ion: 77 Resp: 134956
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.361 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077708.D
 Acq: 17 May 2023 12:58

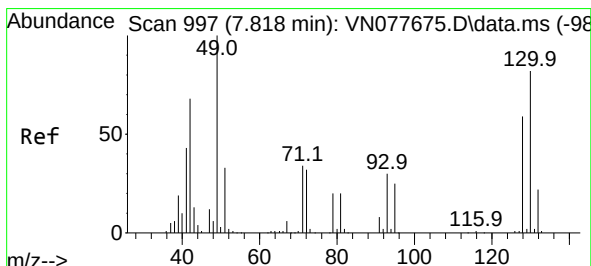
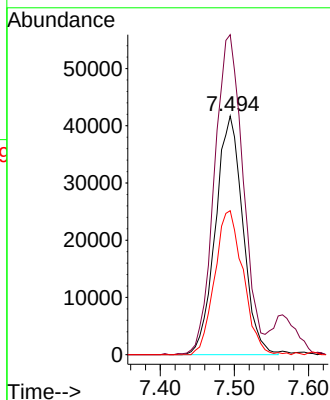
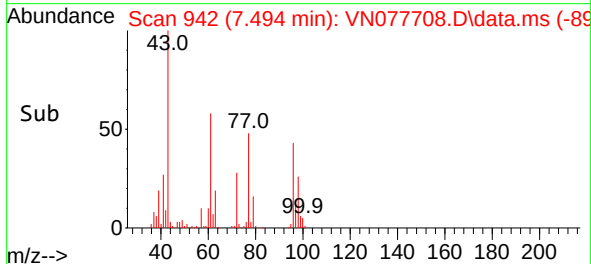
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD01



Tgt Ion: 96 Resp: 10713
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 255.2
 98 62.5 0.0 128.8

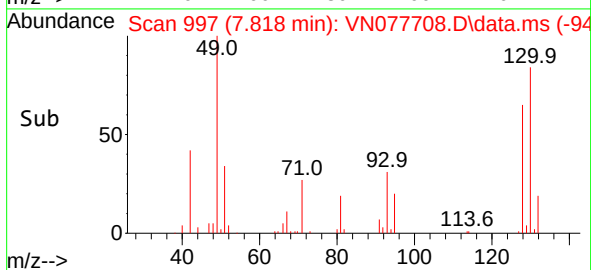
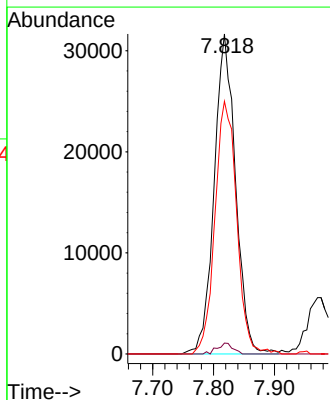
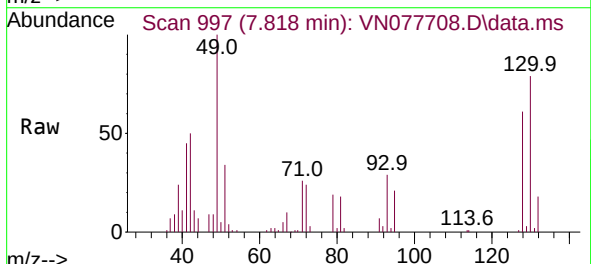
Manual Integrations
 APPROVED

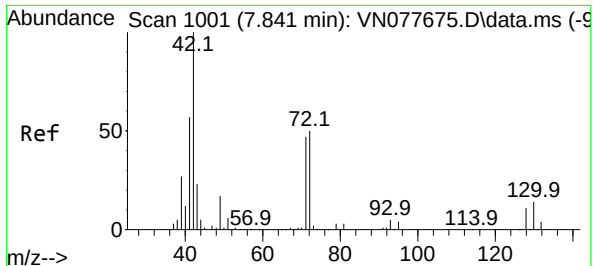
Reviewed By :John Carlone 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023



#28
 Bromochloromethane
 Concen: 20.602 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077708.D
 Acq: 17 May 2023 12:58

Tgt Ion: 49 Resp: 77222
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 80.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 87.232 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077708.D

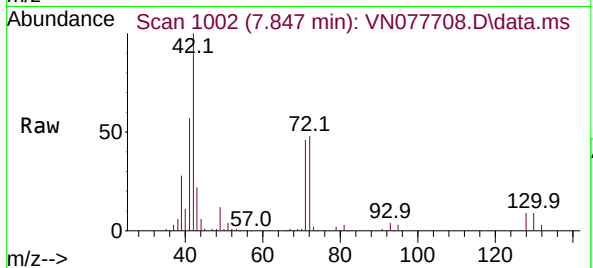
Acq: 17 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01



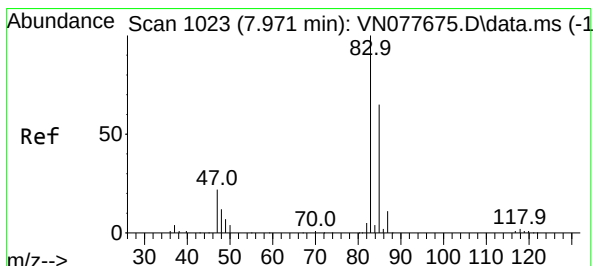
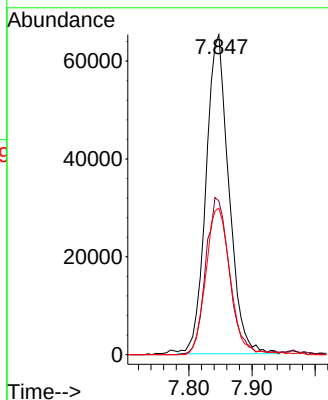
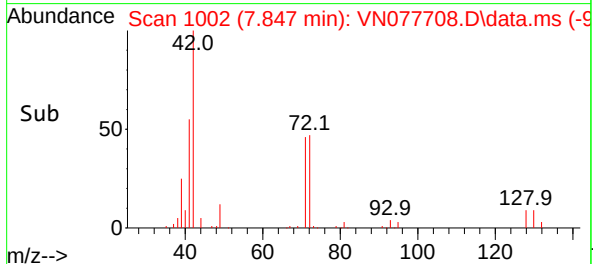
Tgt Ion:	42	Resp:	164290
Ion Ratio	Lower	Upper	
42	100		
72	50.9	49.8	74.6
71	49.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#30

Chloroform

Concen: 18.793 ug/l

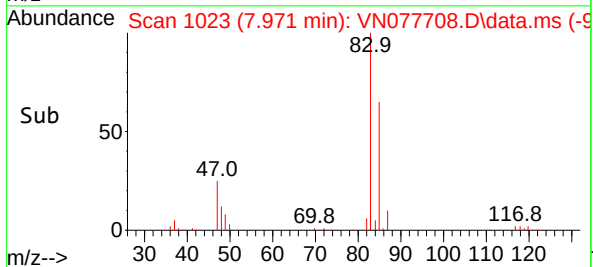
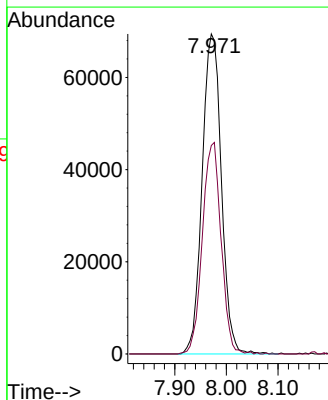
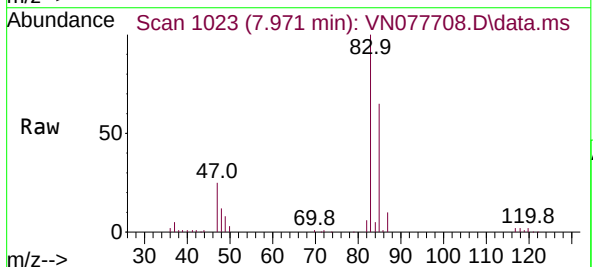
RT: 7.971 min Scan# 1023

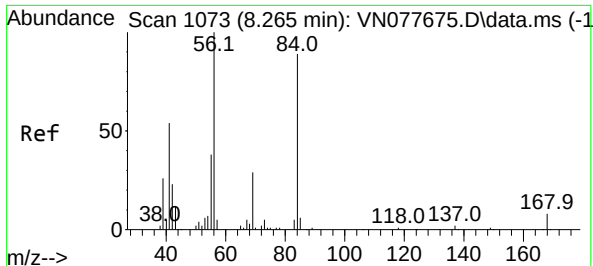
Delta R.T. -0.000 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

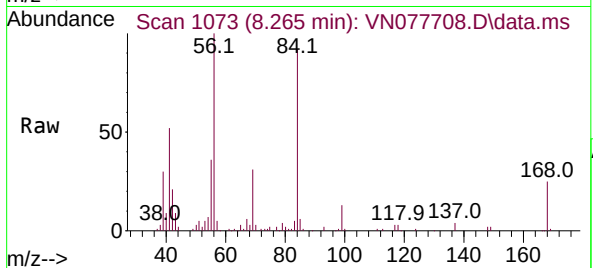
Tgt Ion:	83	Resp:	179165
Ion Ratio	Lower	Upper	
83	100		
85	65.2	55.4	83.0





#31
Cyclohexane
Concen: 18.219 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

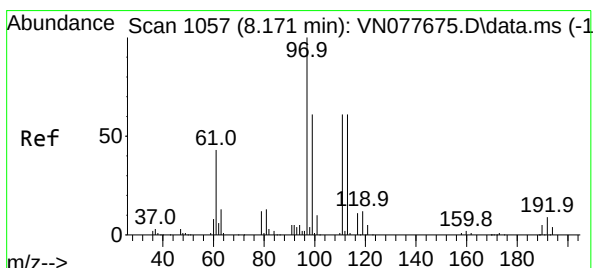
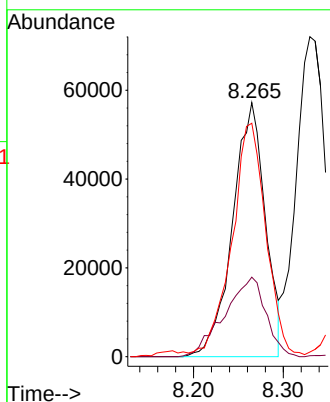
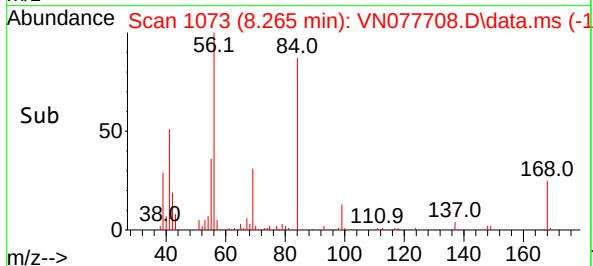
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



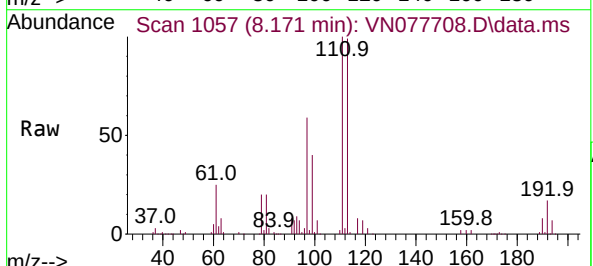
Tgt Ion: 56 Resp: 144724
Ion Ratio Lower Upper
56 100
69 31.3 26.8 40.2
84 90.4 81.8 122.6

Manual Integrations
APPROVED

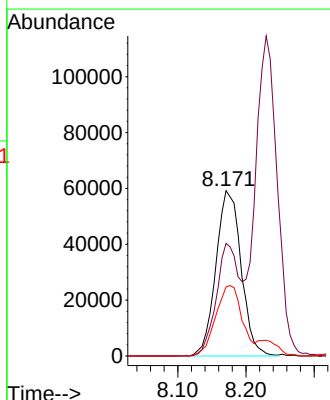
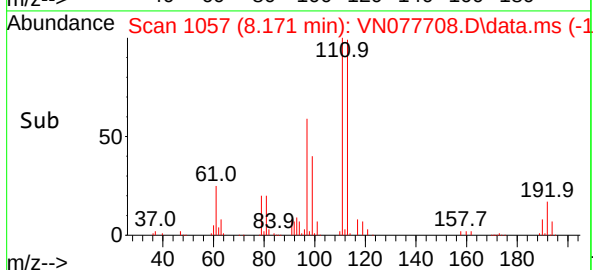
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

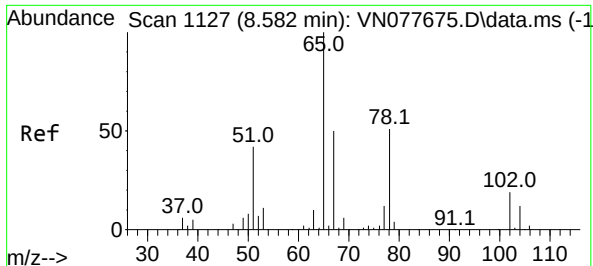


#32
1,1,1-Trichloroethane
Concen: 18.816 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



Tgt Ion: 97 Resp: 152512
Ion Ratio Lower Upper
97 100
99 61.5 50.3 75.5
61 44.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.440 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

Tgt Ion: 65 Resp: 294800

Ion Ratio Lower Upper

65 100

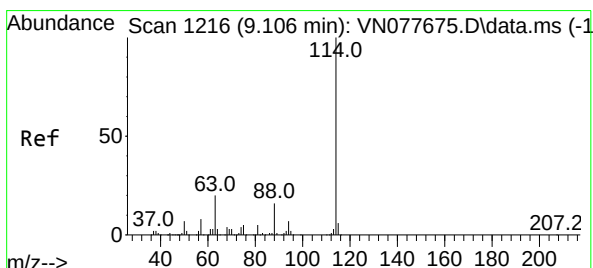
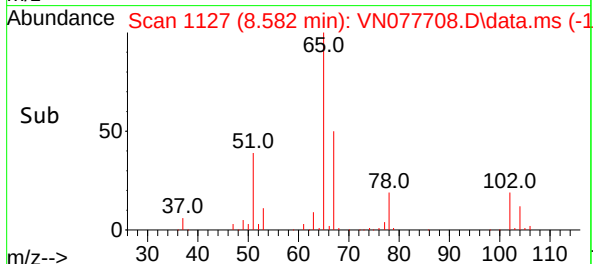
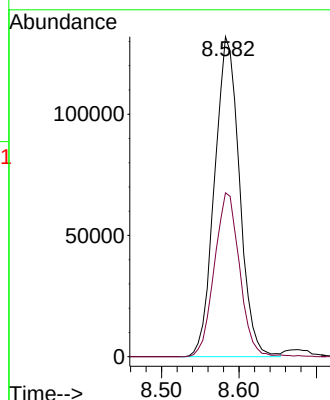
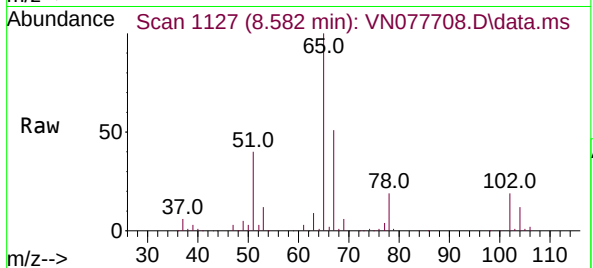
67 52.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

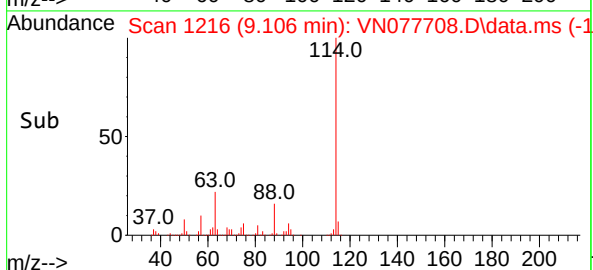
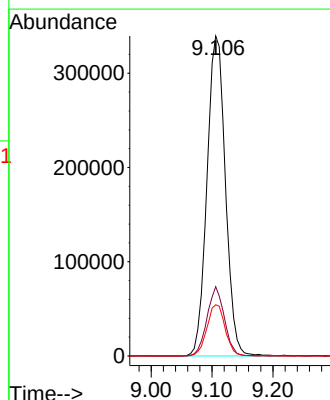
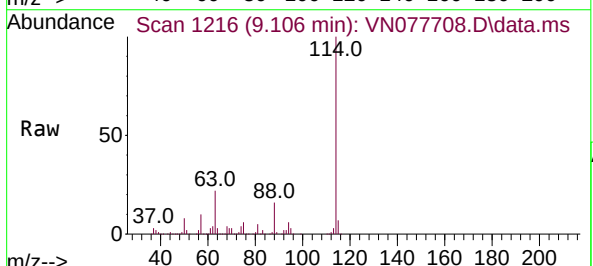
Tgt Ion:114 Resp: 713928

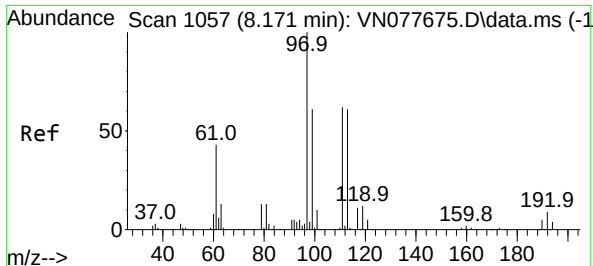
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.609 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

Tgt Ion: 113 Resp: 235600

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

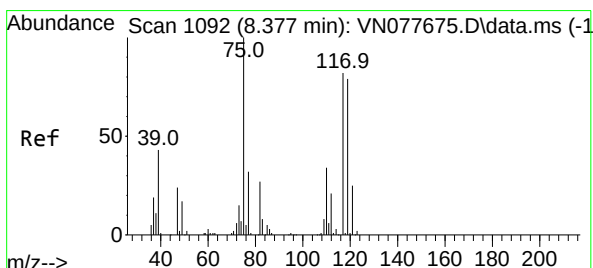
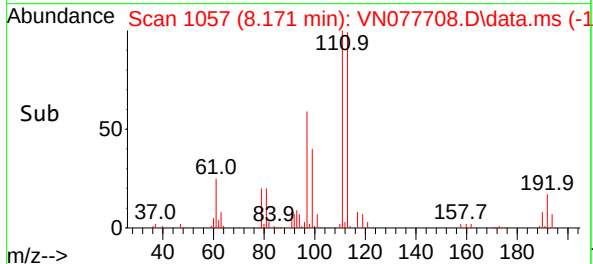
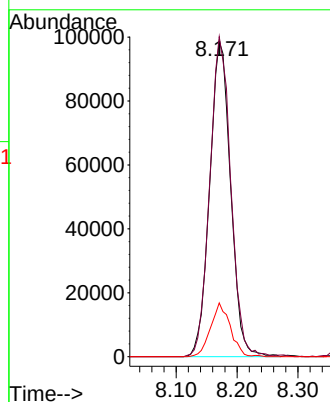
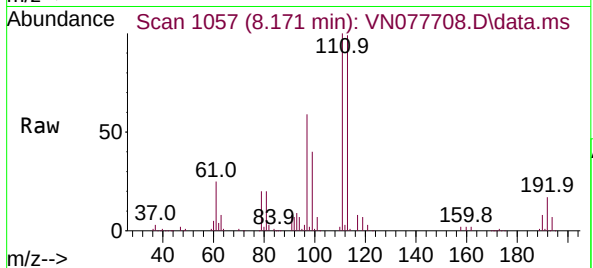
192 16.0 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#36

1,1-Dichloropropene

Concen: 18.707 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

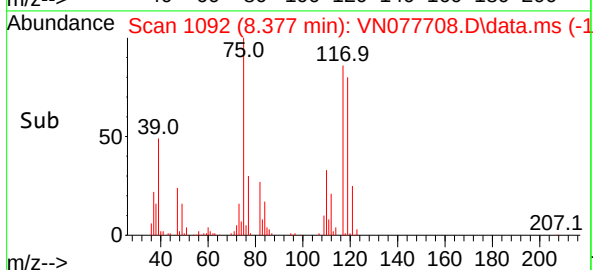
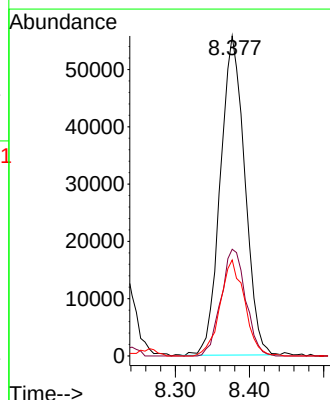
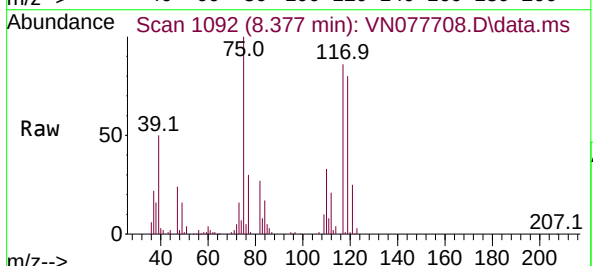
Tgt Ion: 75 Resp: 127383

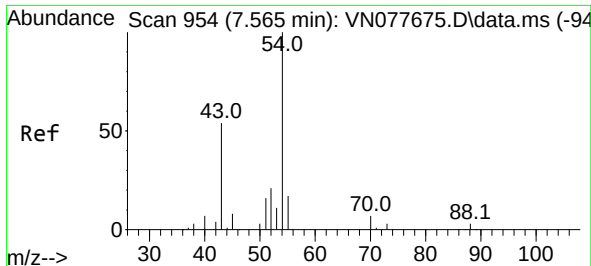
Ion Ratio Lower Upper

75 100

110 33.8 19.1 57.3

77 30.2 25.0 37.4





#37

Ethyl Acetate

Concen: 17.339 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

Tgt Ion: 43 Resp: 10523

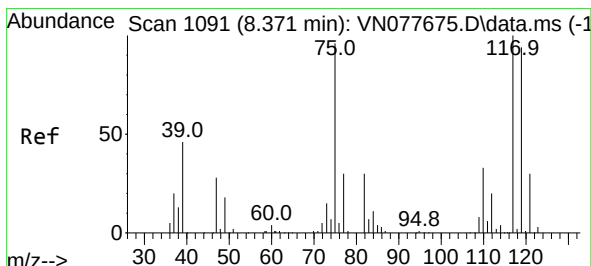
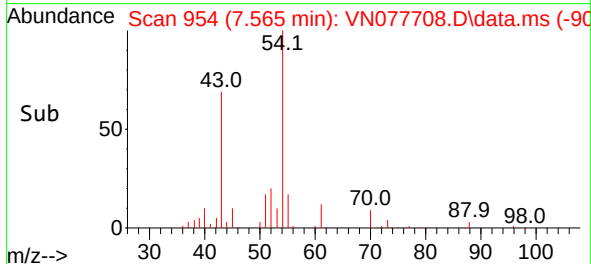
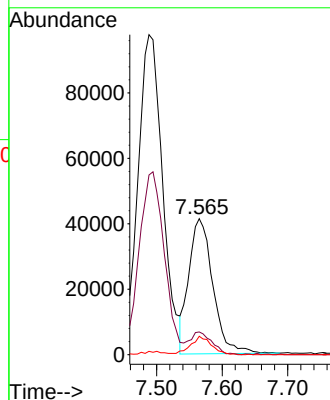
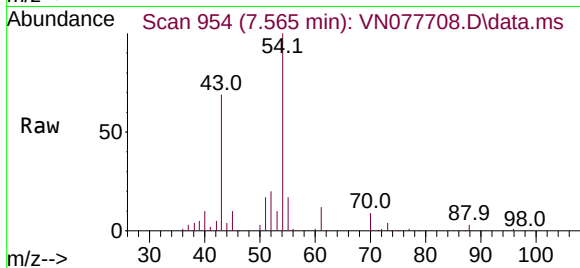
Ion	Ratio	Lower	Upper
43	100		
61	15.4	13.2	19.8
70	11.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#38

Carbon Tetrachloride

Concen: 19.141 ug/l

RT: 8.365 min Scan# 1090

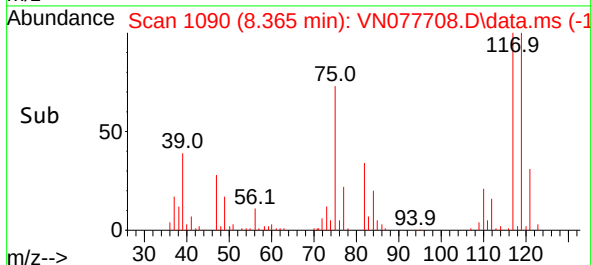
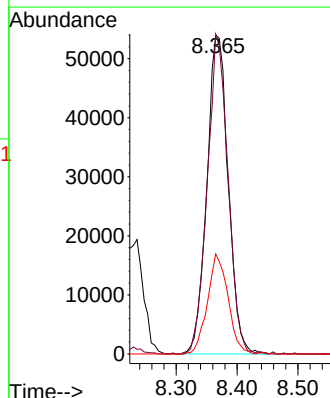
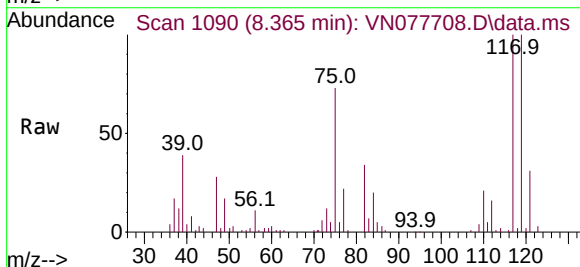
Delta R.T. -0.006 min

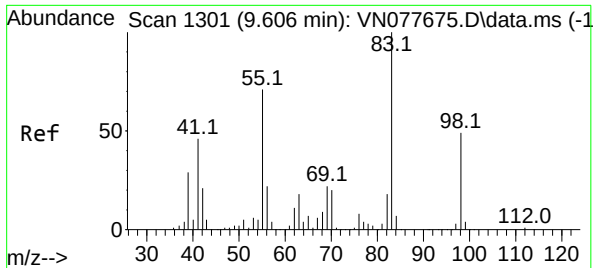
Lab File: VN077708.D

Acq: 17 May 2023 12:58

Tgt Ion:117 Resp: 131615

Ion	Ratio	Lower	Upper
117	100		
119	100.4	77.3	115.9
121	31.4	23.3	34.9





#39

Methylcyclohexane

Concen: 18.814 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

Tgt Ion: 83 Resp: 15684

Ion Ratio Lower Upper

83 100

55 70.0 49.1 73.7

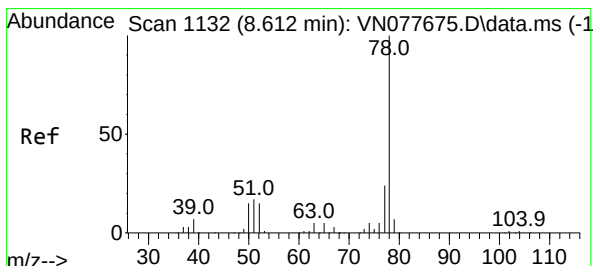
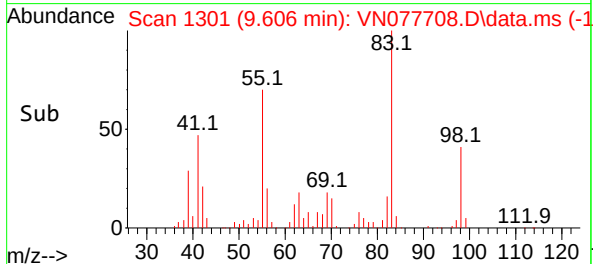
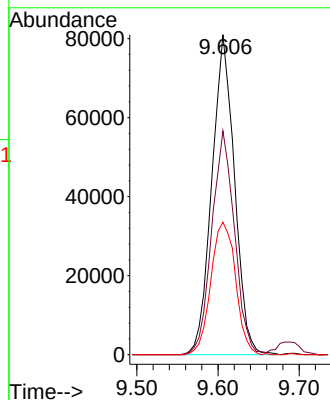
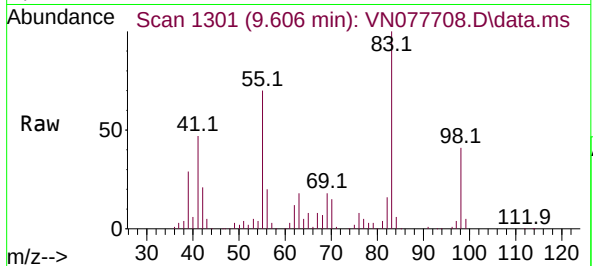
98 41.4 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#40

Benzene

Concen: 19.255 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077708.D

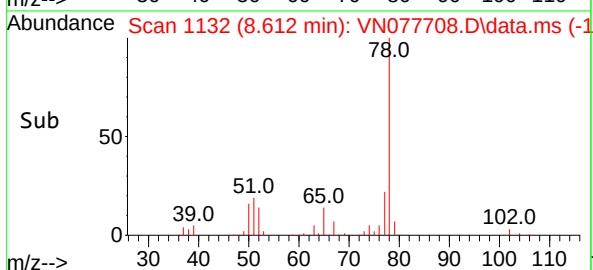
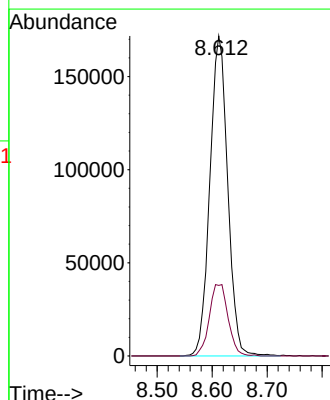
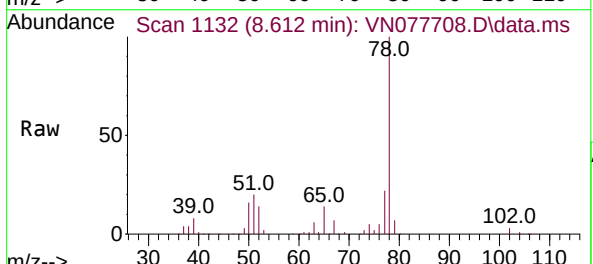
Acq: 17 May 2023 12:58

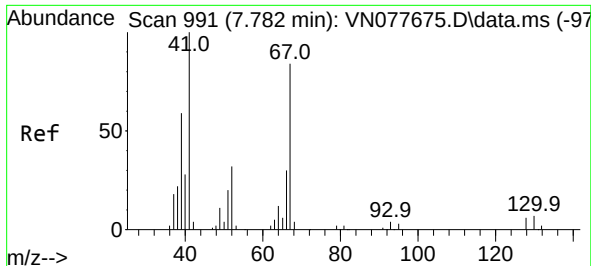
Tgt Ion: 78 Resp: 386919

Ion Ratio Lower Upper

78 100

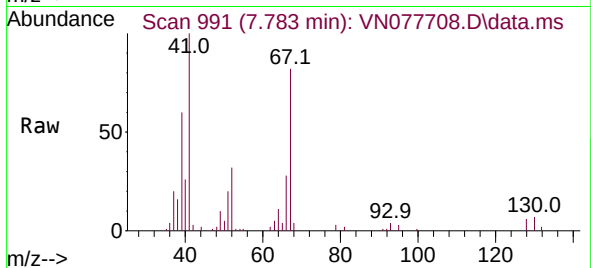
77 22.1 19.0 28.6





#41
Methacrylonitrile
Concen: 18.587 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

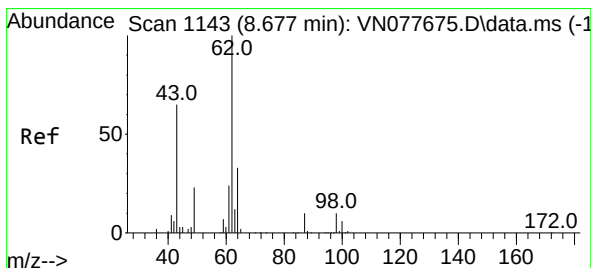
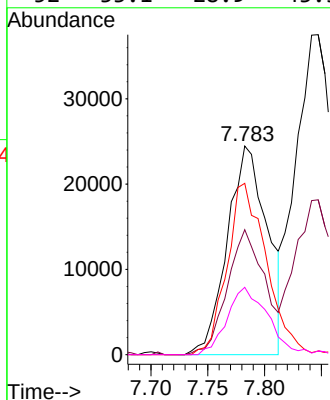
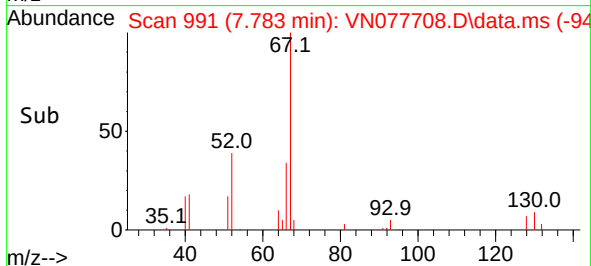
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 41 Resp: 6007
Ion Ratio Lower Upper
41 100
39 55.9 42.6 64.0
67 81.5 77.5 116.3
52 33.1 28.9 43.3

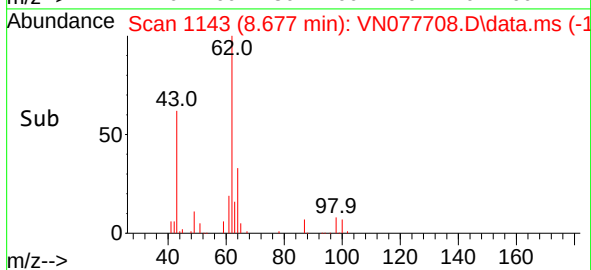
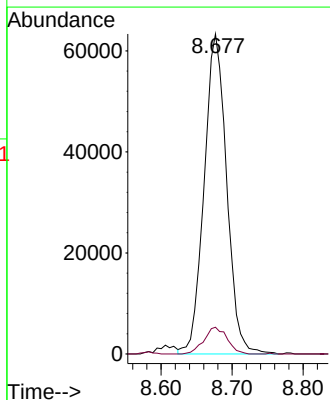
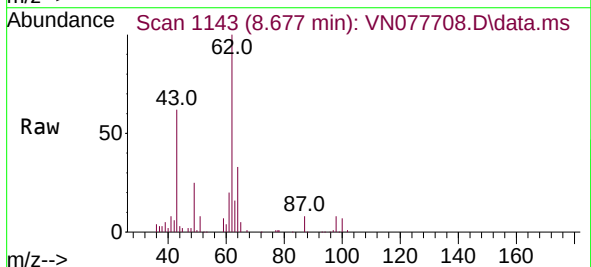
Manual Integrations
APPROVED

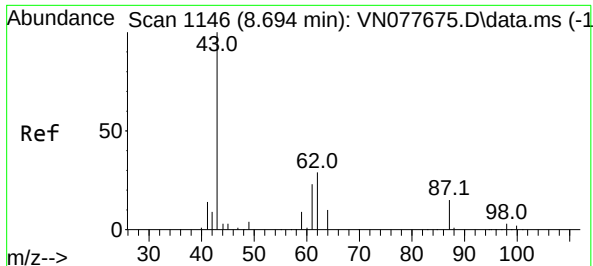
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#42
1,2-Dichloroethane
Concen: 19.125 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

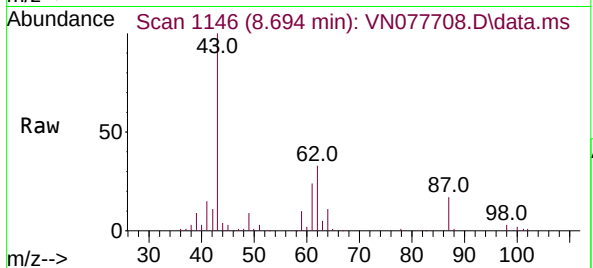
Tgt Ion: 62 Resp: 139600
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.683 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

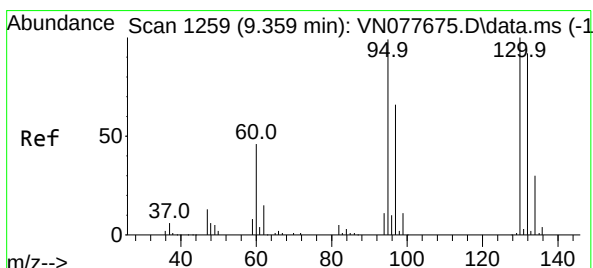
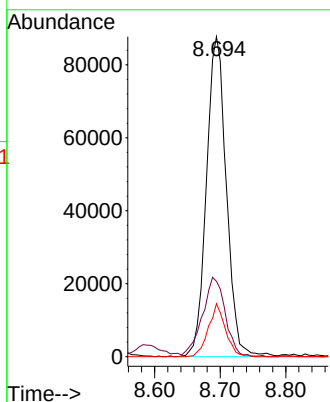
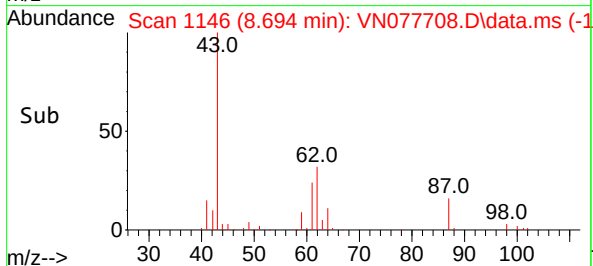
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



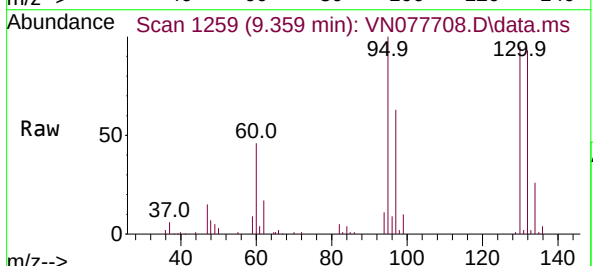
Tgt Ion: 43 Resp: 18521
Ion Ratio Lower Upper
43 100
61 28.0 24.7 37.1
87 14.2 14.6 21.8

Manual Integrations
APPROVED

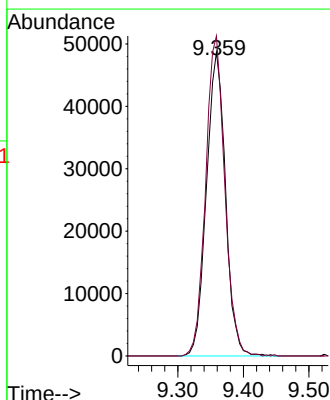
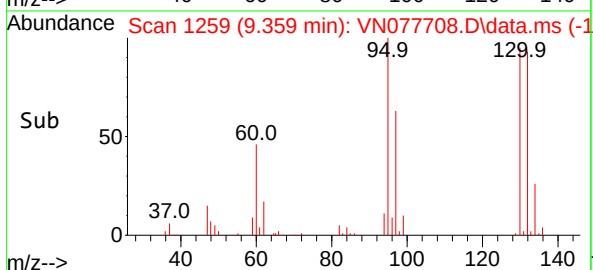
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

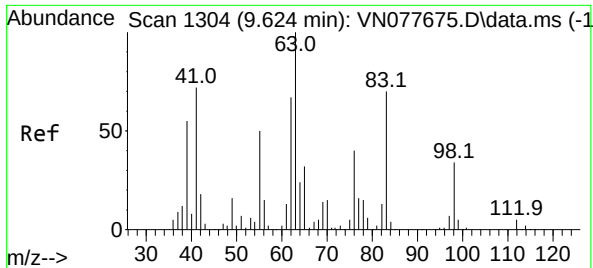


#44
Trichloroethene
Concen: 19.316 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



Tgt Ion:130 Resp: 98280
Ion Ratio Lower Upper
130 100
95 105.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.738 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

Tgt Ion: 63 Resp: 101164

Ion Ratio Lower Upper

63 100

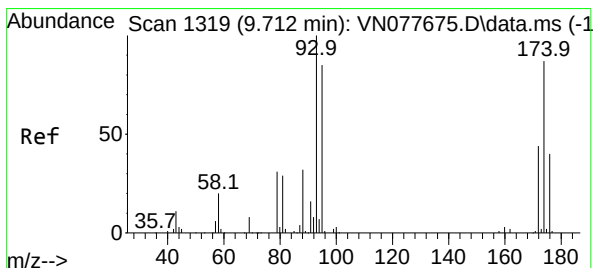
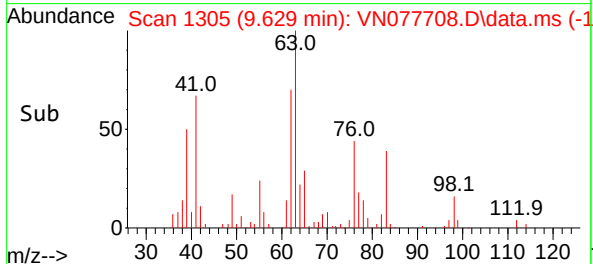
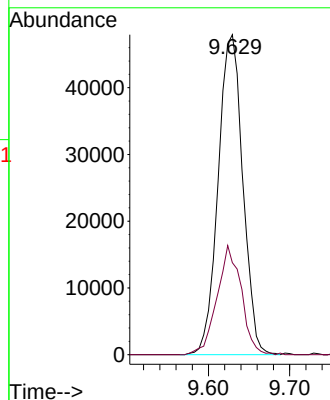
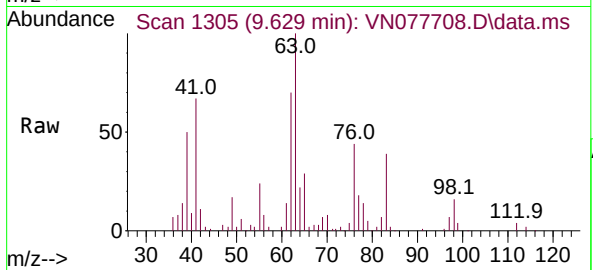
65 28.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#46

Dibromomethane

Concen: 19.305 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

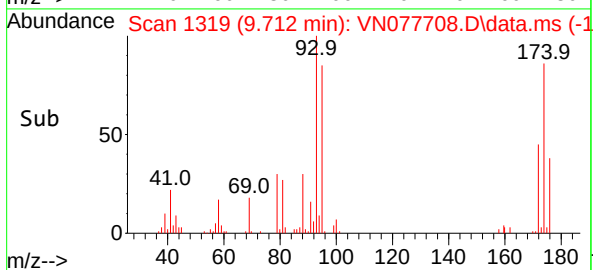
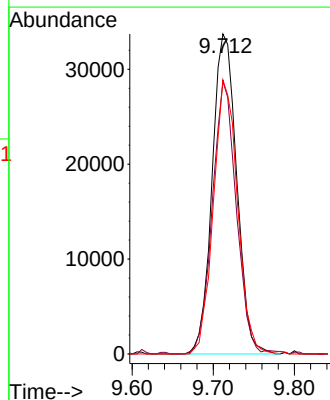
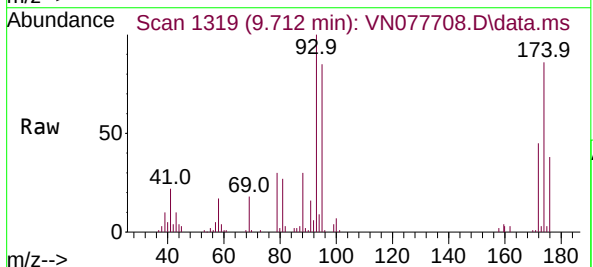
Tgt Ion: 93 Resp: 70803

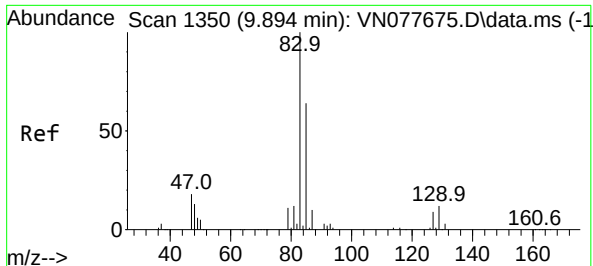
Ion Ratio Lower Upper

93 100

95 83.4 63.8 95.8

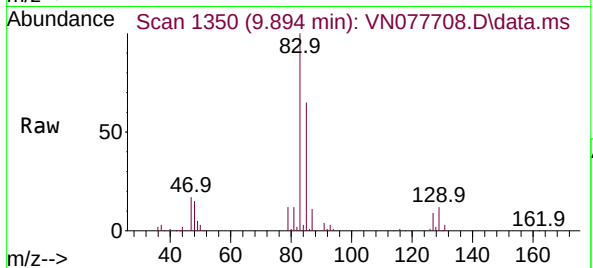
174 84.3 65.6 98.4





#47
Bromodichloromethane
Concen: 19.607 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

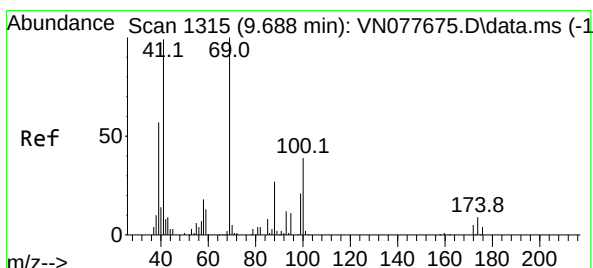
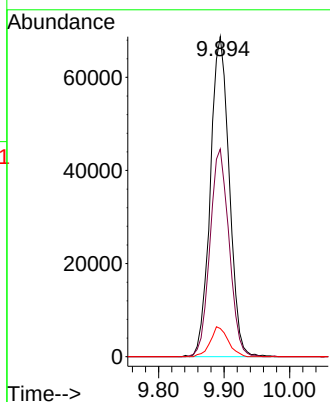
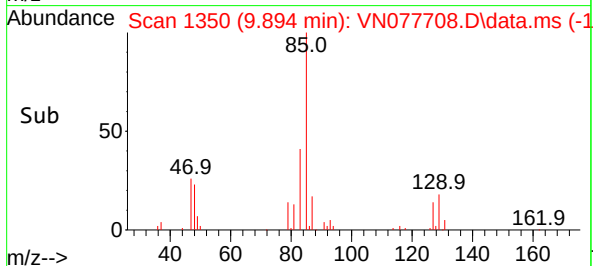
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



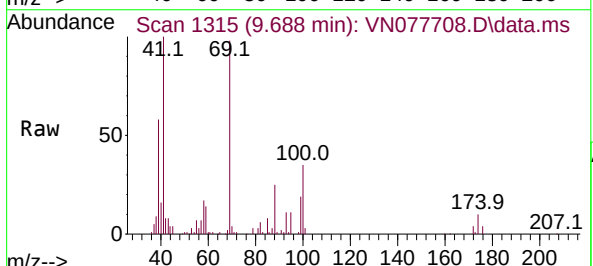
Tgt Ion: 83 Resp: 137672
Ion Ratio Lower Upper
83 100
85 64.9 49.6 74.4
127 8.8 7.0 10.6

Manual Integrations
APPROVED

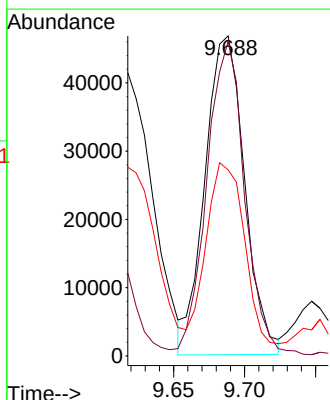
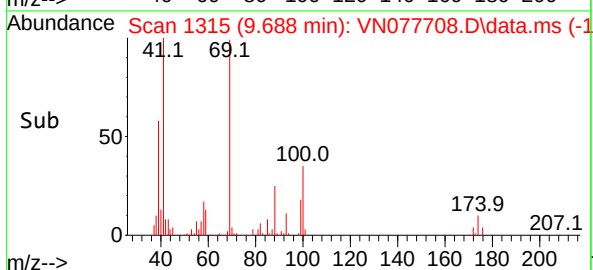
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

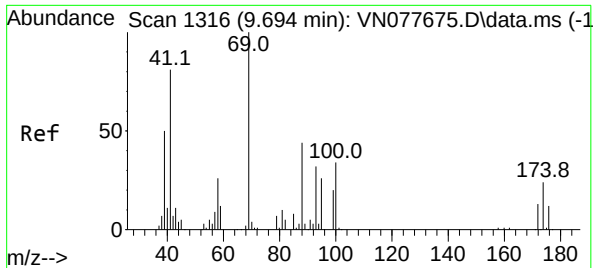


#48
Methyl methacrylate
Concen: 19.298 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



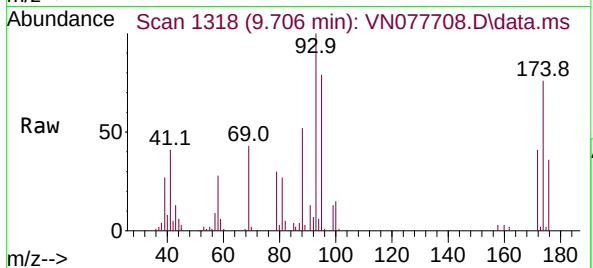
Tgt Ion: 41 Resp: 90705
Ion Ratio Lower Upper
41 100
69 93.9 90.4 135.6
39 60.8 54.6 81.8





#49
1,4-Dioxane
Concen: 376.793 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.012 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

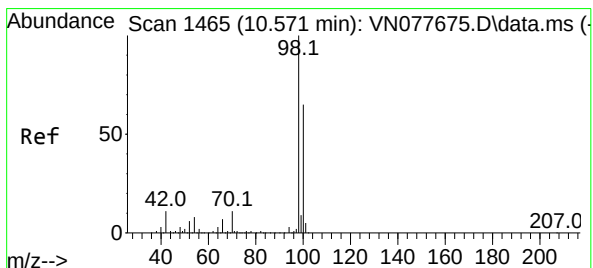
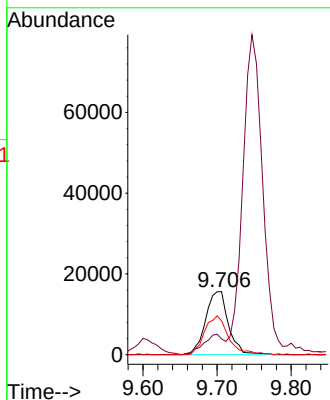
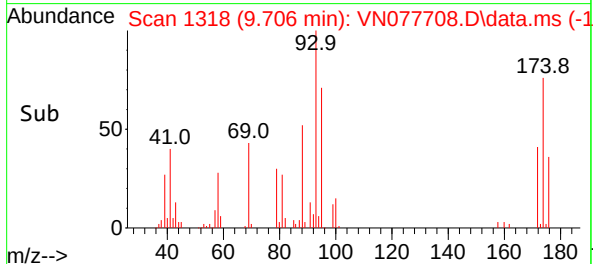
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 88 Resp: 33449
Ion Ratio Lower Upper
88 100
43 29.3 17.0 25.6
58 64.1 47.0 70.4

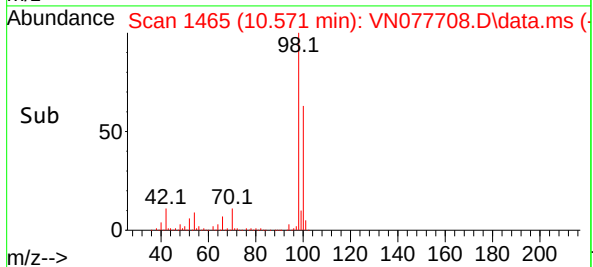
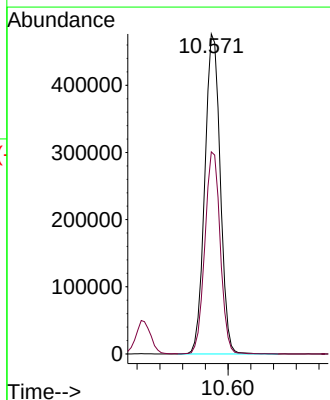
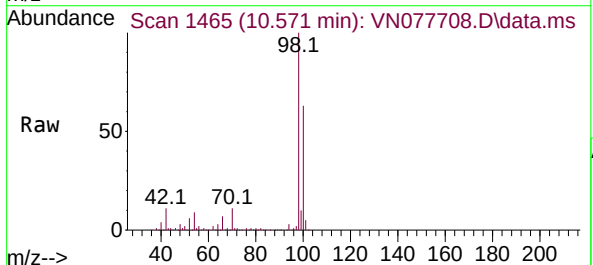
Manual Integrations
APPROVED

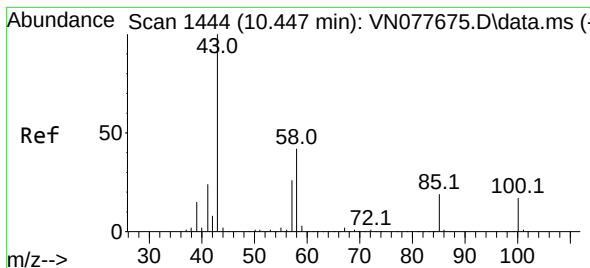
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#50
Toluene-d8
Concen: 49.914 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

Tgt Ion: 98 Resp: 894409
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0





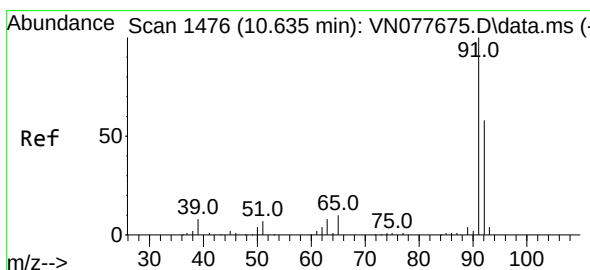
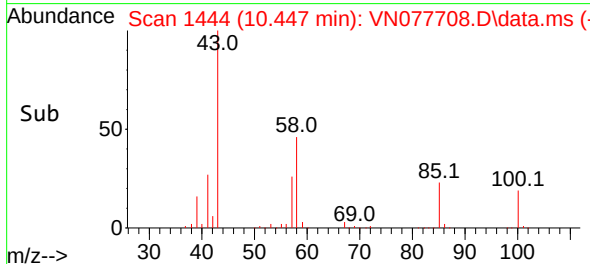
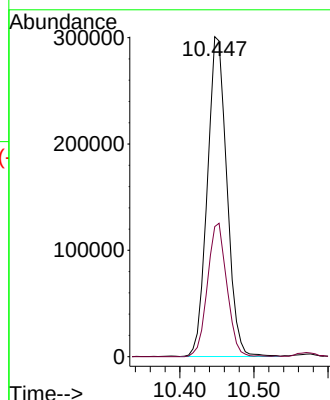
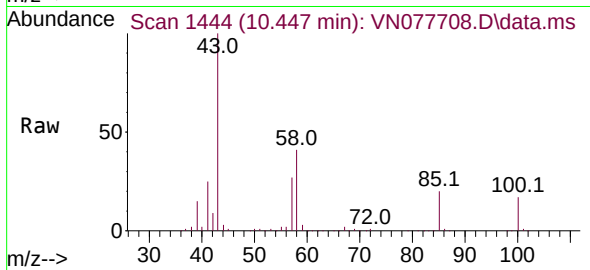
#51
4-Methyl-2-Pentanone
Concen: 93.593 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion: 43 Resp: 551508
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8

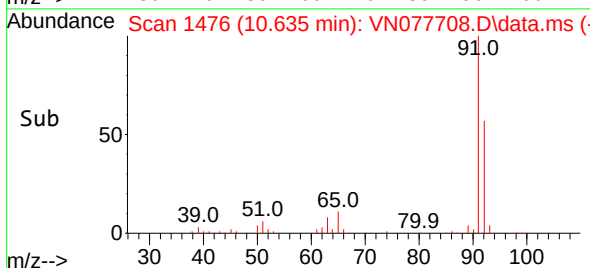
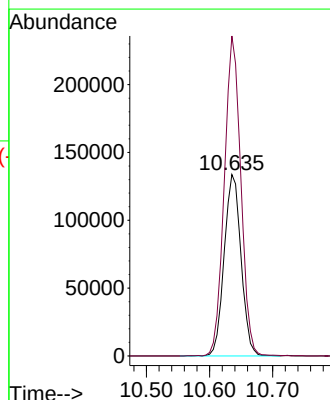
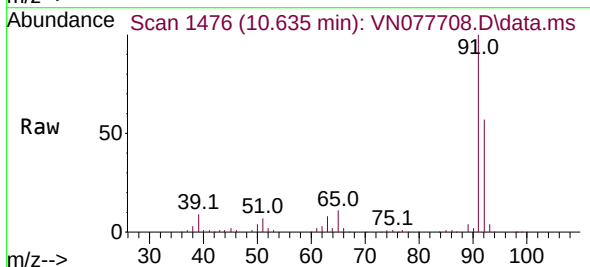
Manual Integrations
APPROVED

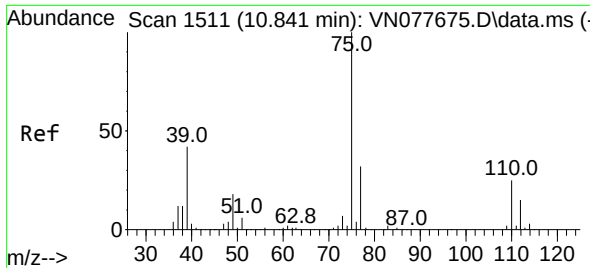
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#52
Toluene
Concen: 19.877 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

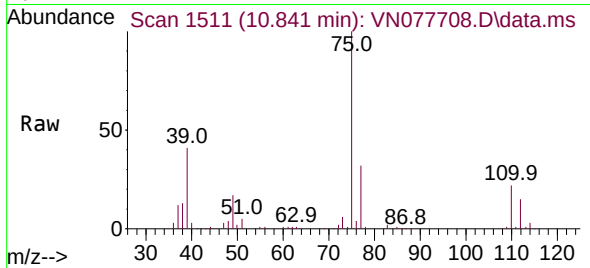
Tgt Ion: 92 Resp: 248656
Ion Ratio Lower Upper
92 100
91 173.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.418 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

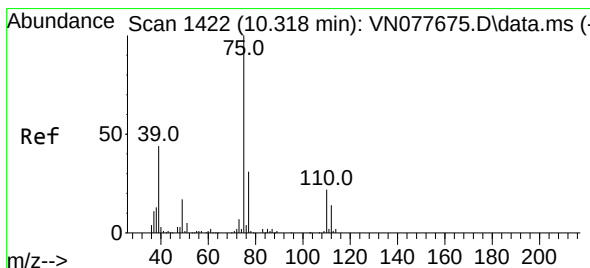
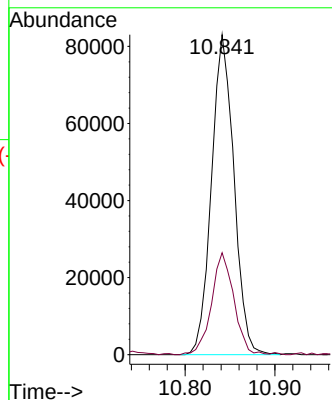
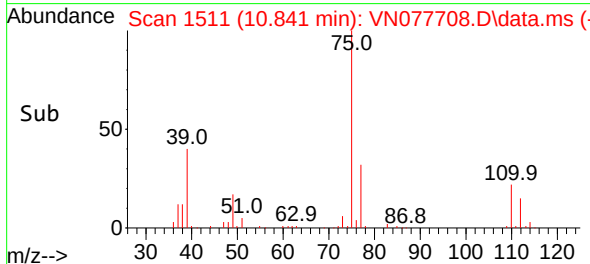
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 75 Resp: 144388
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

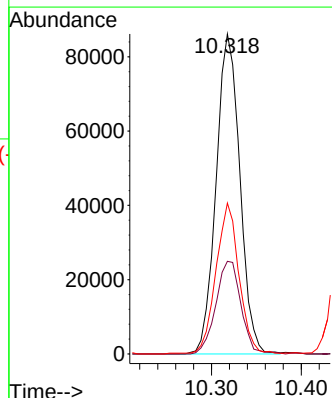
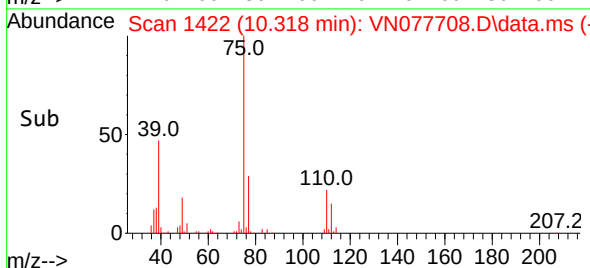
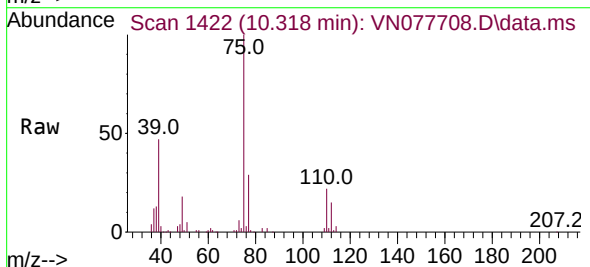
Manual Integrations
APPROVED

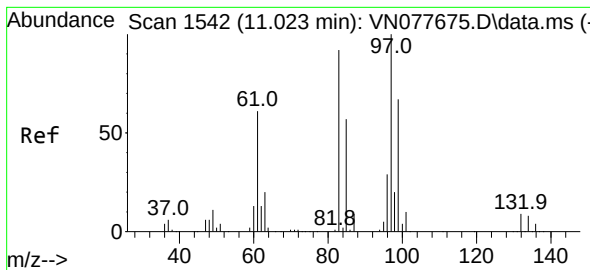
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#54
cis-1,3-Dichloropropene
Concen: 19.299 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

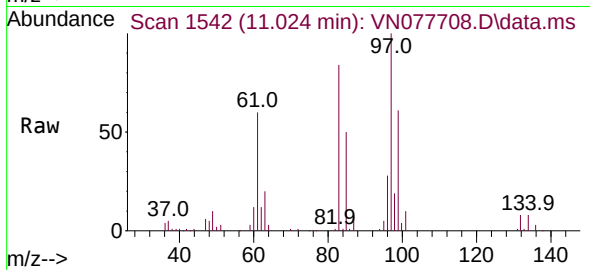
Tgt Ion: 75 Resp: 158137
Ion Ratio Lower Upper
75 100
77 28.9 26.1 39.1
39 47.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.160 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

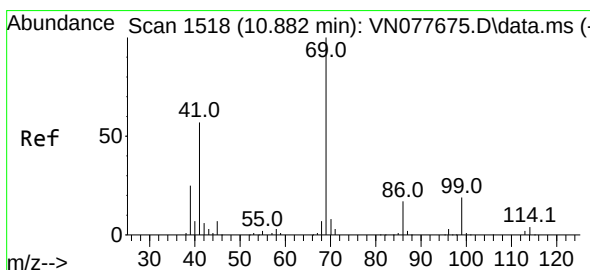
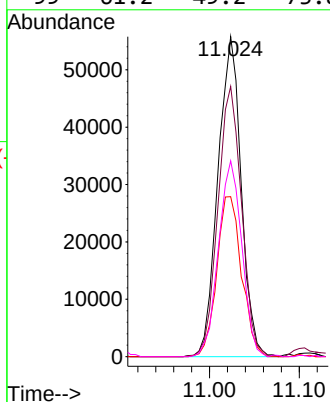
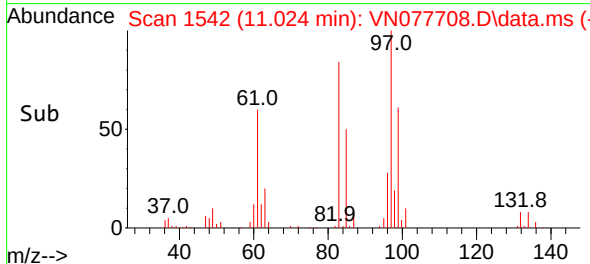
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



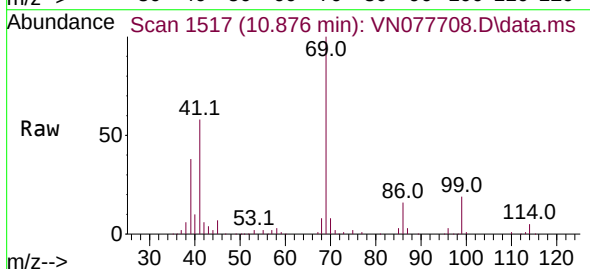
Tgt Ion:	97	Resp:	100134
Ion Ratio	100		
Lower	65.1		
Upper	97.7		
83	84.5	65.1	97.7
85	50.0	43.4	65.2
99	61.2	49.2	73.8

Manual Integrations
APPROVED

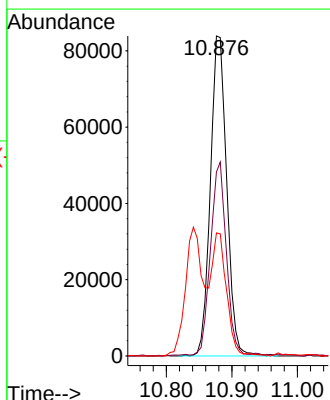
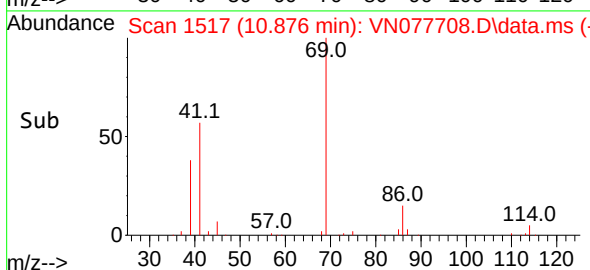
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

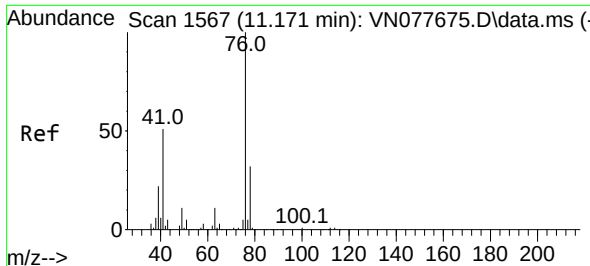


#56
Ethyl methacrylate
Concen: 19.349 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



Tgt Ion:	69	Resp:	145316
Ion Ratio	100		
Lower	39.6		
Upper	59.4		
41	59.2	39.6	59.4
39	33.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.792 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

Tgt Ion: 76 Resp: 16853

Ion Ratio Lower Upper

76 100

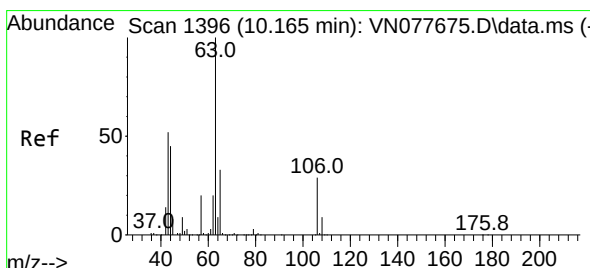
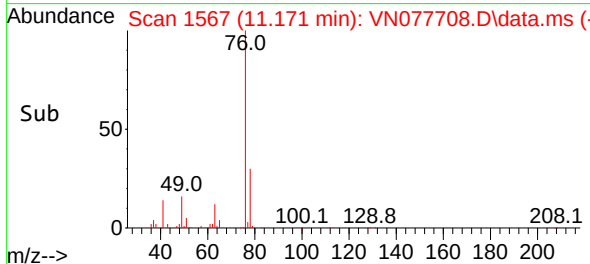
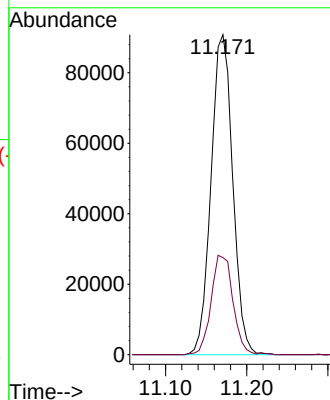
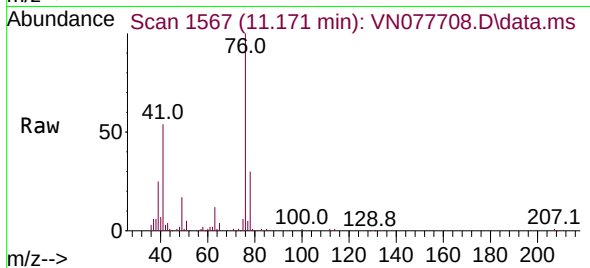
78 31.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 101.870 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077708.D

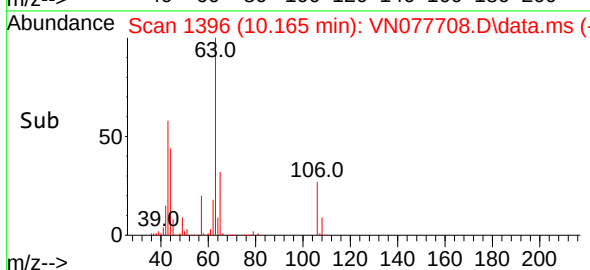
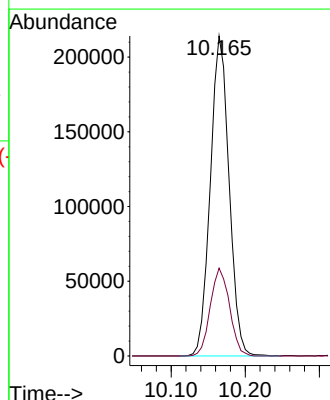
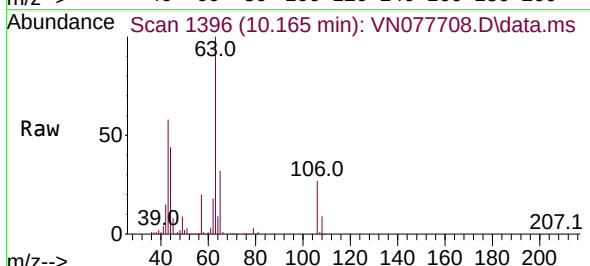
Acq: 17 May 2023 12:58

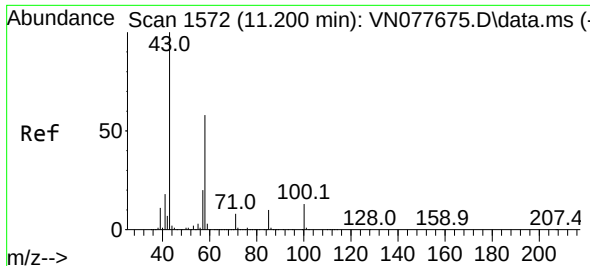
Tgt Ion: 63 Resp: 376379

Ion Ratio Lower Upper

63 100

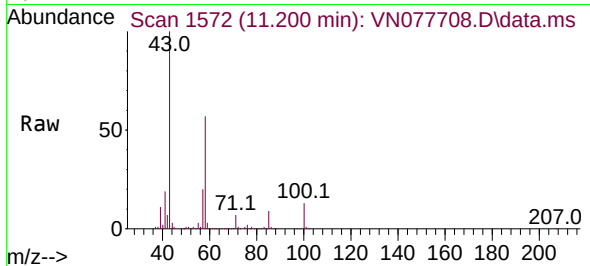
106 28.1 26.2 39.4





#59
2-Hexanone
Concen: 91.966 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

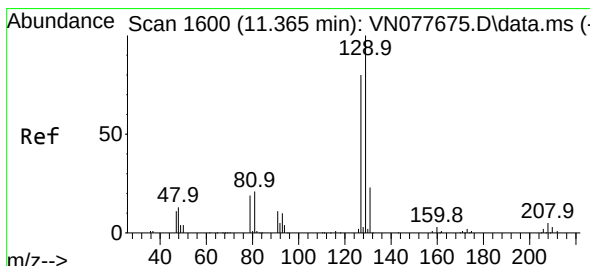
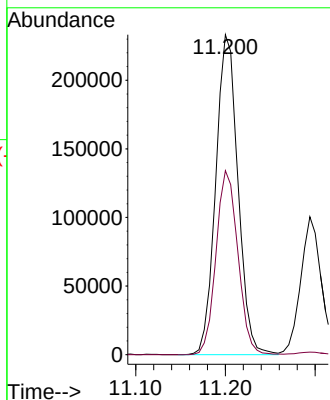
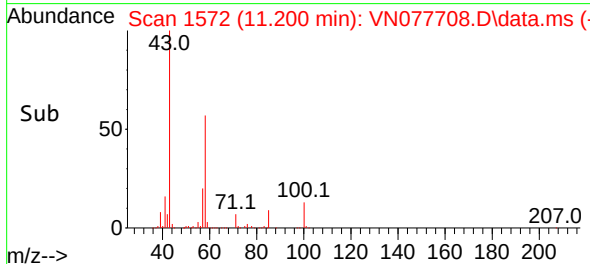
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 43 Resp: 400839
Ion Ratio Lower Upper
43 100
58 56.6 31.7 95.1

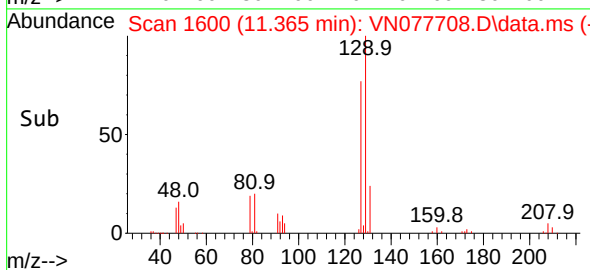
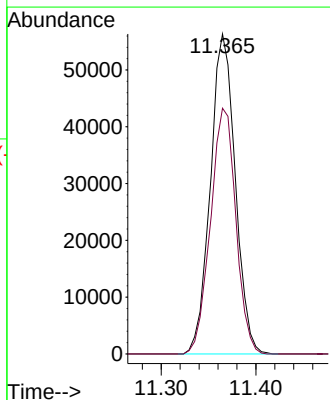
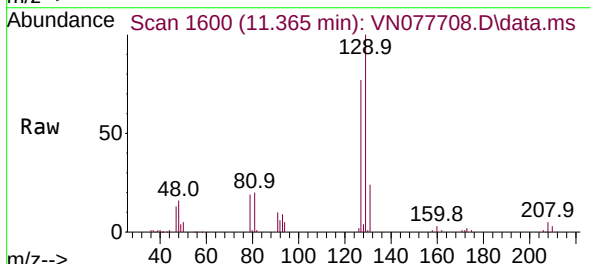
Manual Integrations
APPROVED

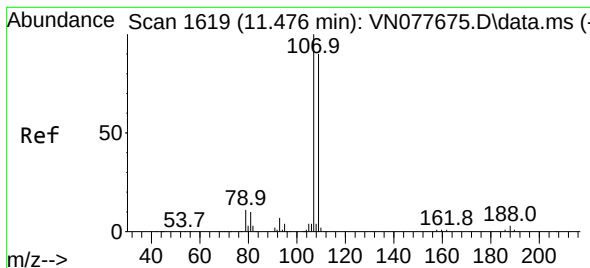
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#60
Dibromochloromethane
Concen: 20.052 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

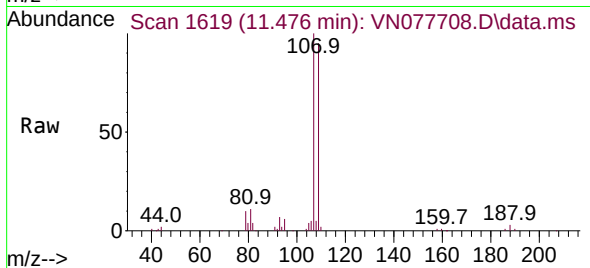
Tgt Ion:129 Resp: 102823
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.993 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

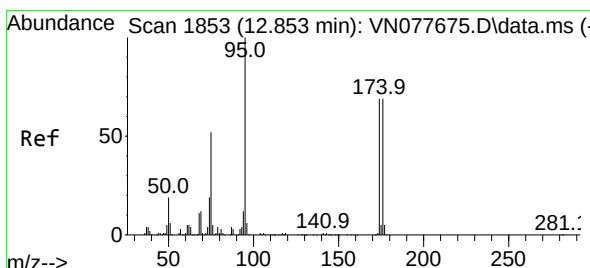
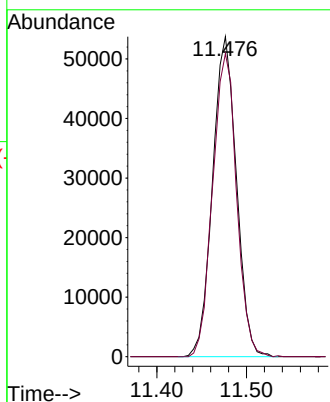
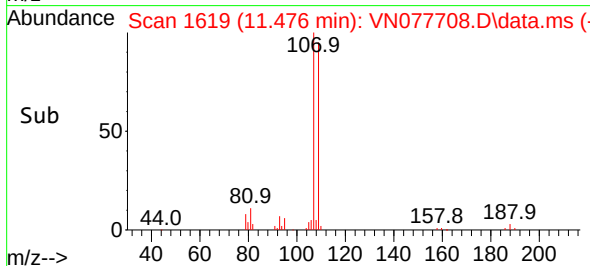
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



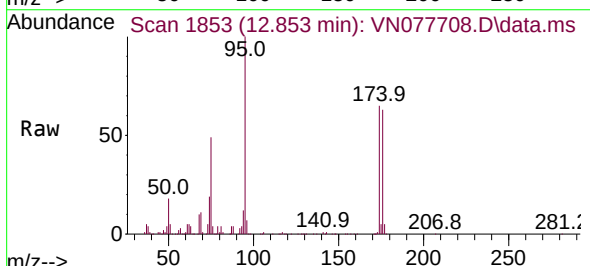
Tgt Ion:107 Resp: 9907
Ion Ratio Lower Upper
107 100
109 95.1 76.6 114.8

Manual Integrations
APPROVED

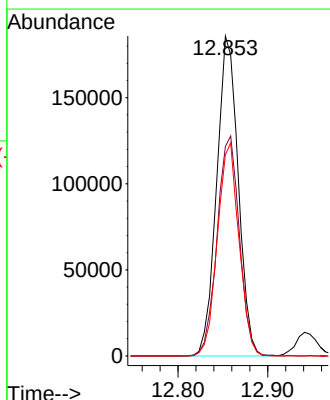
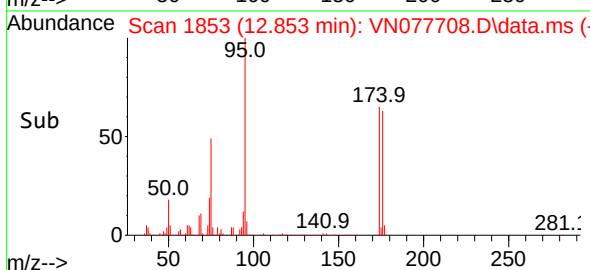
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

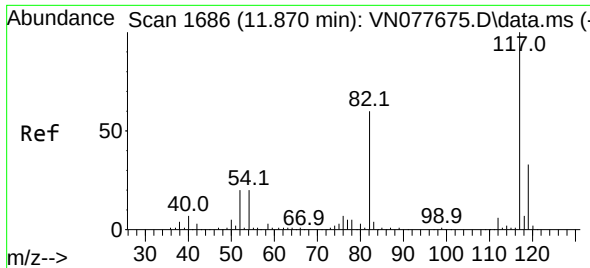


#62
4-Bromofluorobenzene
Concen: 48.955 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



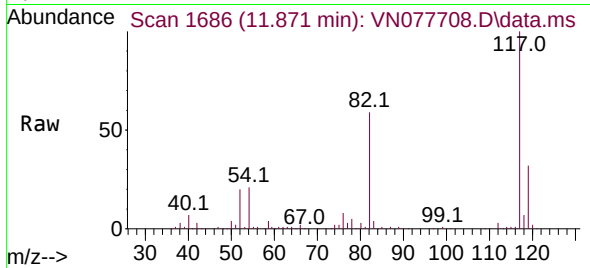
Tgt Ion: 95 Resp: 309818
Ion Ratio Lower Upper
95 100
174 70.8 0.0 143.8
176 66.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

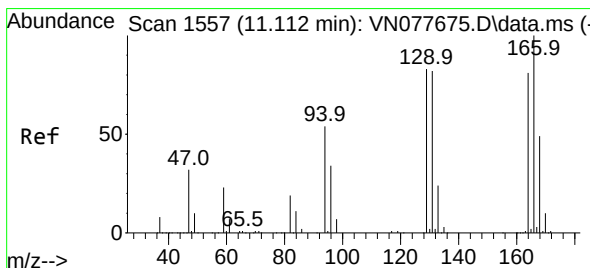
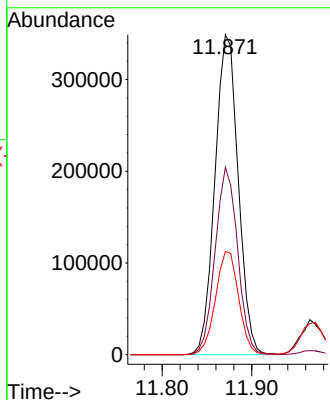
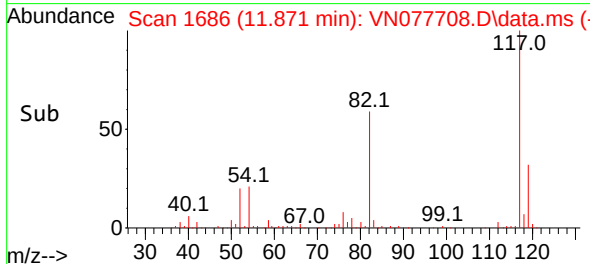
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion:117 Resp: 628389
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 32.2 25.6 38.4

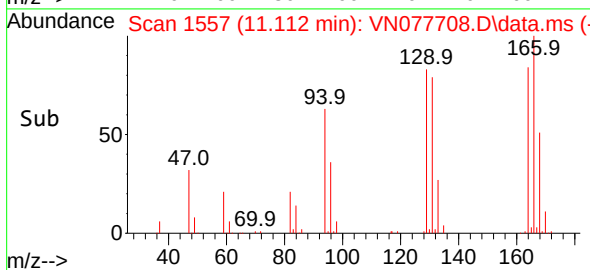
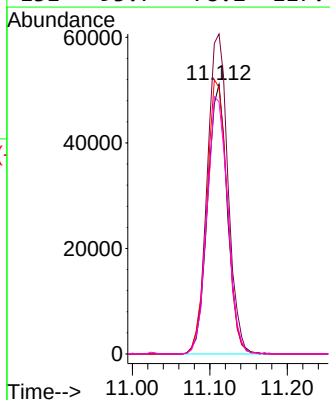
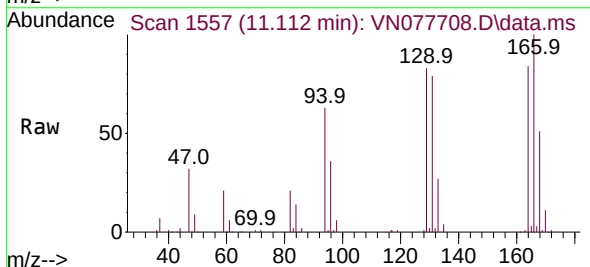
Manual Integrations
APPROVED

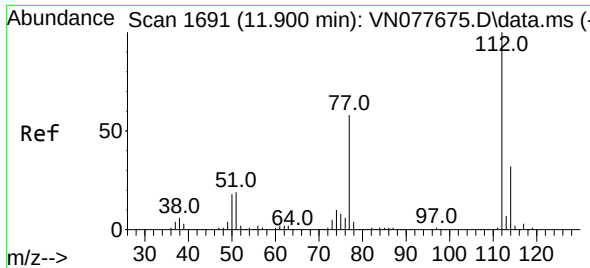
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#64
Tetrachloroethene
Concen: 20.701 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

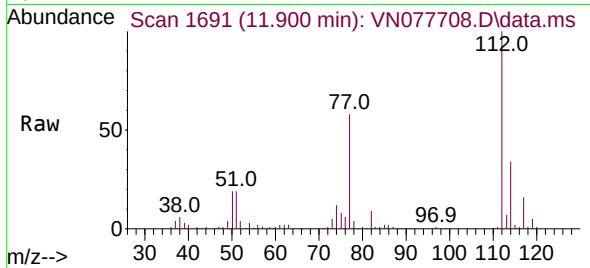
Tgt Ion:164 Resp: 90972
Ion Ratio Lower Upper
164 100
166 118.8 101.4 152.0
129 98.9 82.4 123.6
131 93.7 78.2 117.4





#65
Chlorobenzene
Concen: 19.069 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

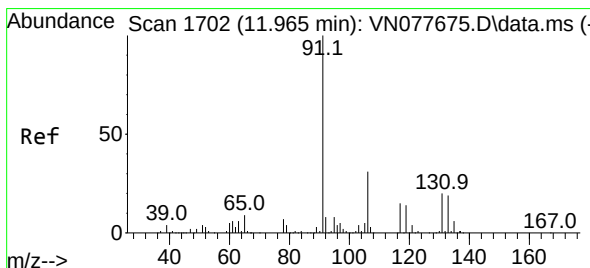
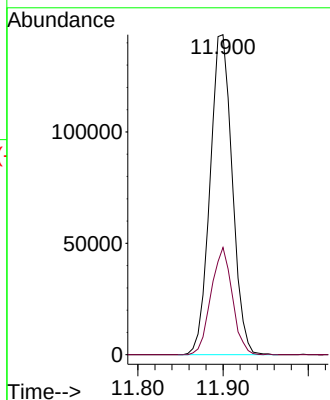
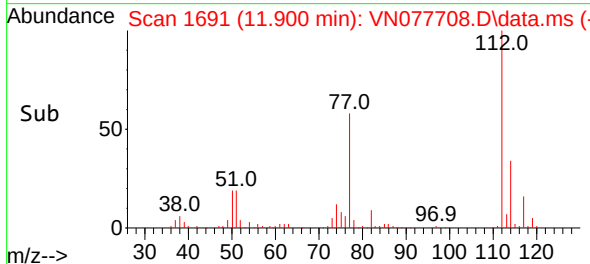
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



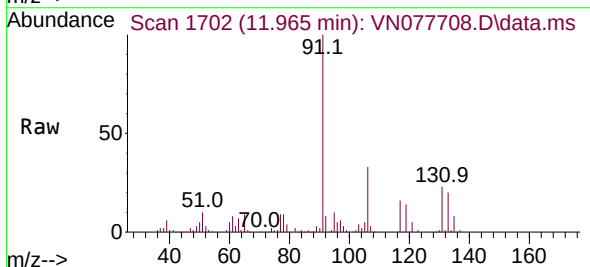
Tgt Ion:112 Resp: 25977
Ion Ratio Lower Upper
112 100
114 33.5 25.0 37.4

Manual Integrations
APPROVED

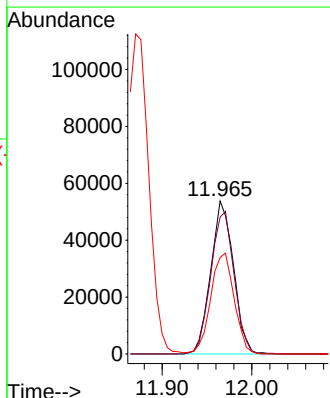
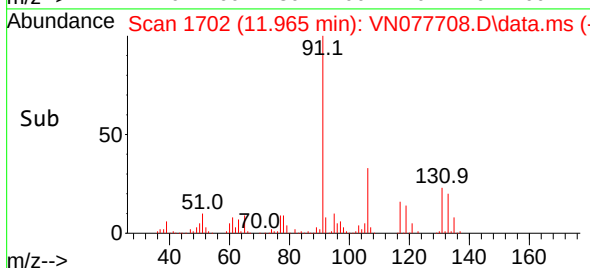
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

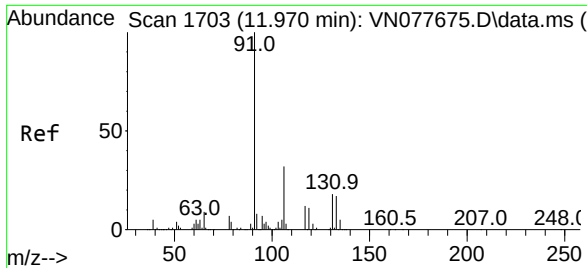


#66
1,1,1,2-Tetrachloroethane
Concen: 20.110 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



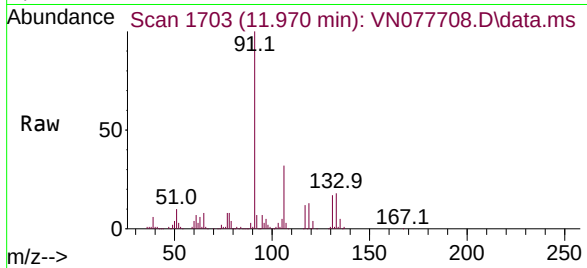
Tgt Ion:131 Resp: 94792
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 67.8 34.1 102.2





#67
Ethyl Benzene
Concen: 19.084 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

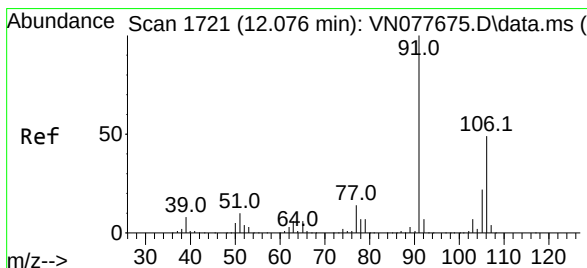
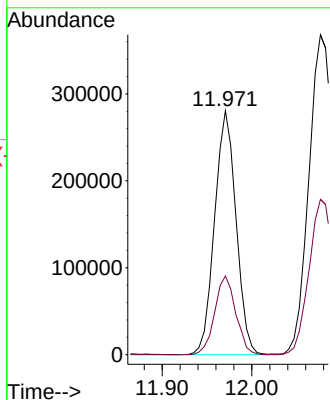
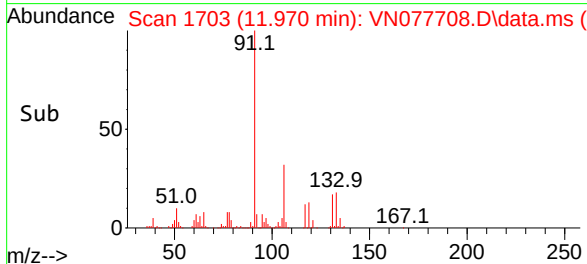
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



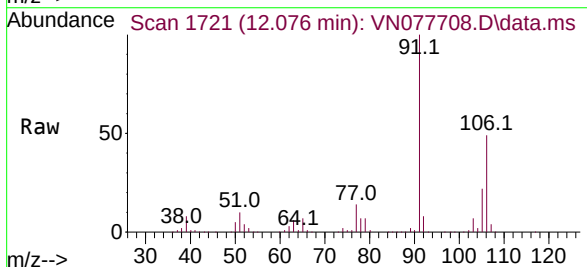
Tgt Ion: 91 Resp: 465890
Ion Ratio Lower Upper
91 100
106 32.3 25.6 38.4

Manual Integrations
APPROVED

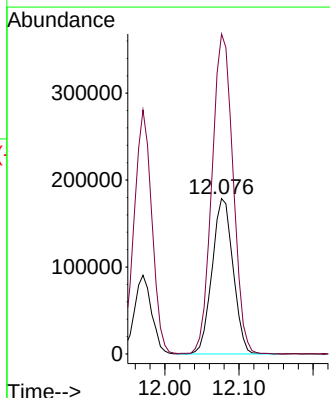
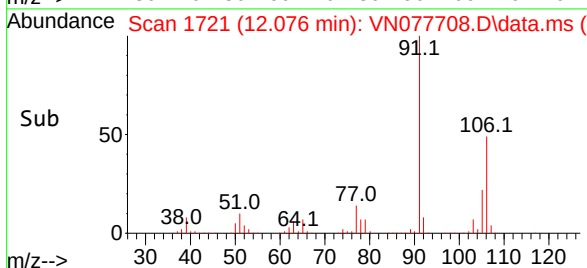
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

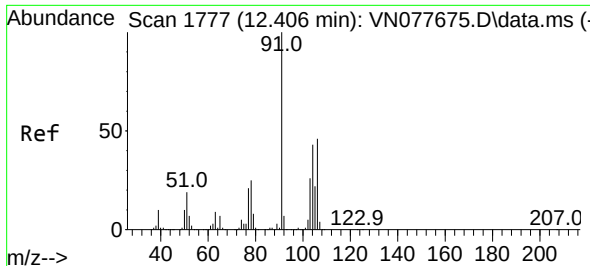


#68
m/p-Xylenes
Concen: 37.983 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



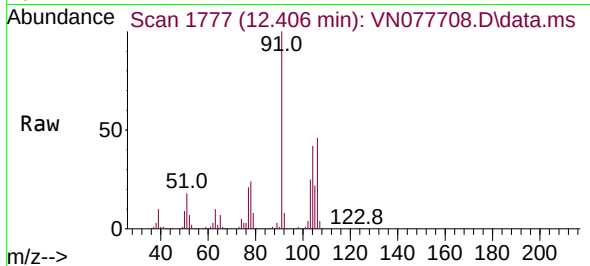
Tgt Ion:106 Resp: 351348
Ion Ratio Lower Upper
106 100
91 207.4 159.6 239.4





#69
o-Xylene
Concen: 19.504 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

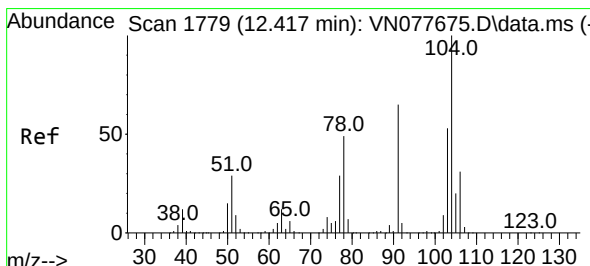
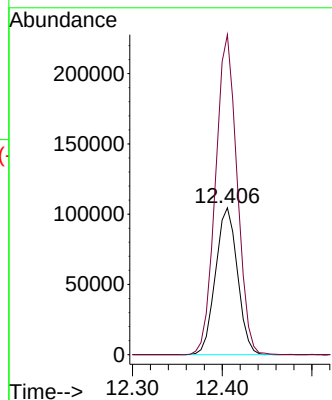
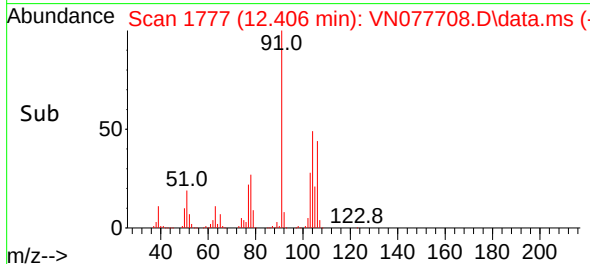
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion:106 Resp: 177430
Ion Ratio Lower Upper
106 100
91 214.3 105.2 315.5

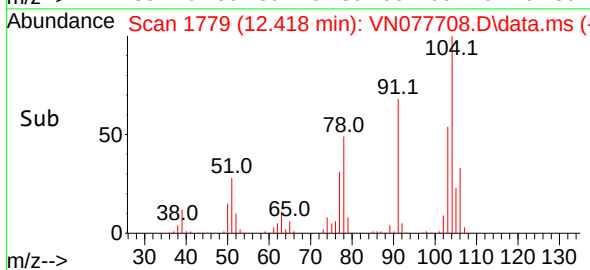
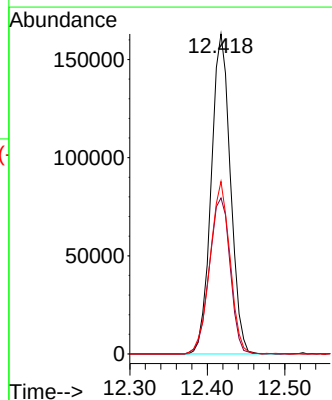
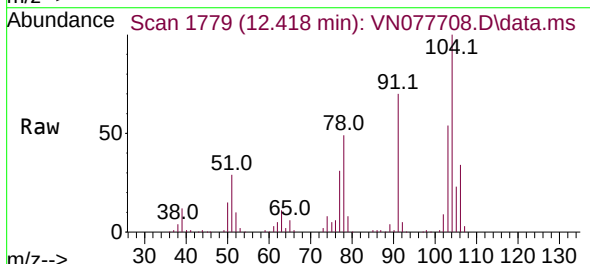
Manual Integrations
APPROVED

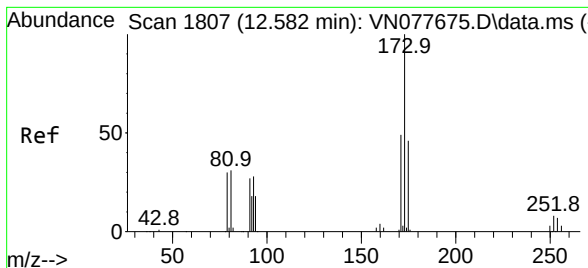
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#70
Styrene
Concen: 19.452 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

Tgt Ion:104 Resp: 281111
Ion Ratio Lower Upper
104 100
78 52.7 39.5 59.3
103 55.7 43.2 64.8





#71

Bromoform

Concen: 19.743 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

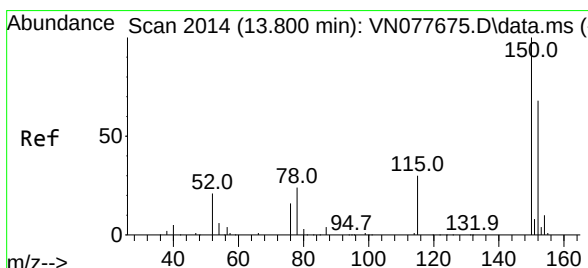
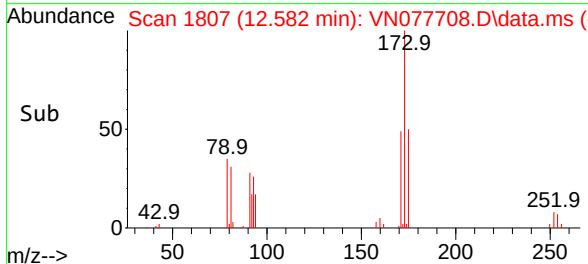
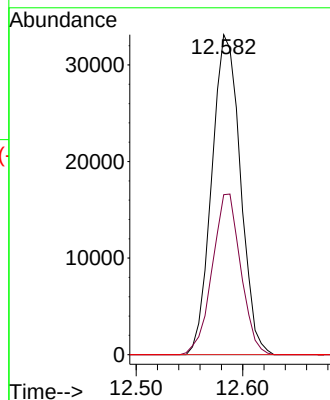
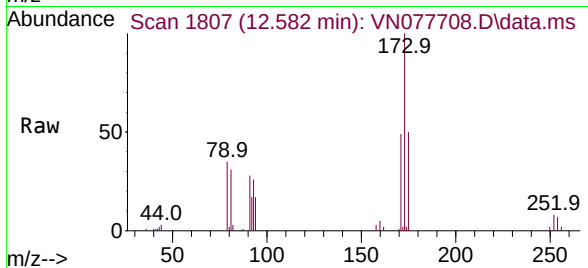
Tgt Ion:173	Resp: 61908
Ion Ratio	Lower Upper
173 100	
175 49.9	24.3 73.0
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

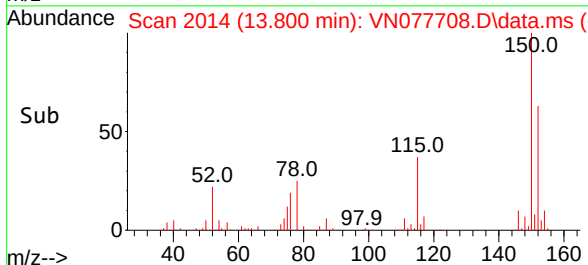
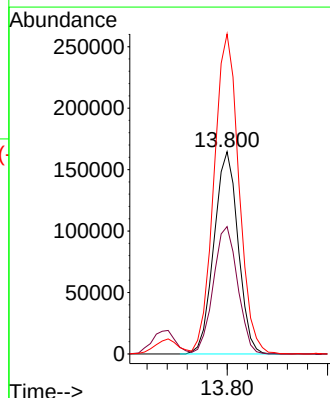
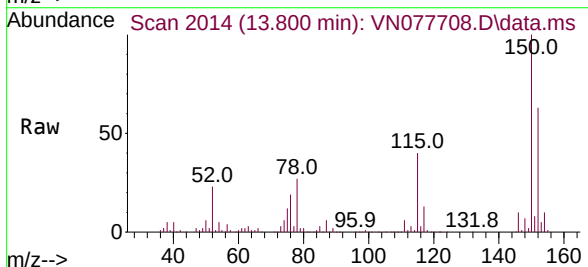
RT: 13.800 min Scan# 2014

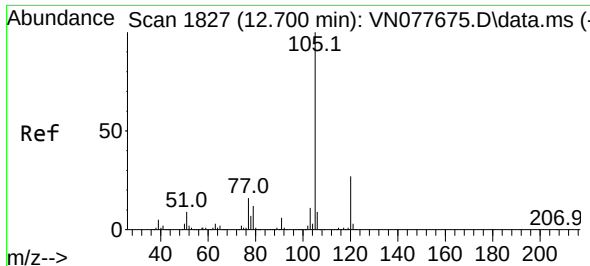
Delta R.T. -0.000 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

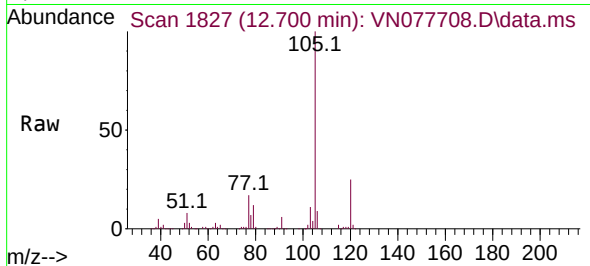
Tgt Ion:152	Resp: 273856
Ion Ratio	Lower Upper
152 100	
115 63.6	32.3 96.8
150 164.0	0.0 355.8





#73
Isopropylbenzene
Concen: 19.333 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

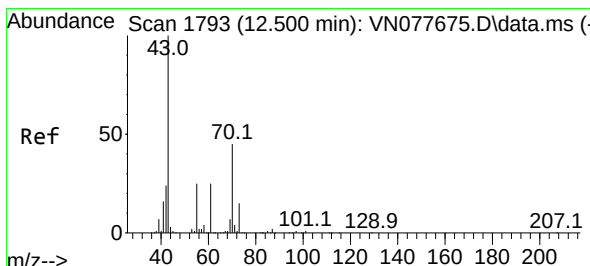
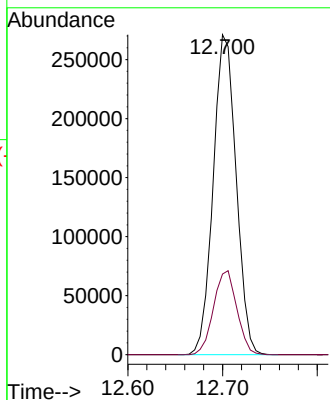
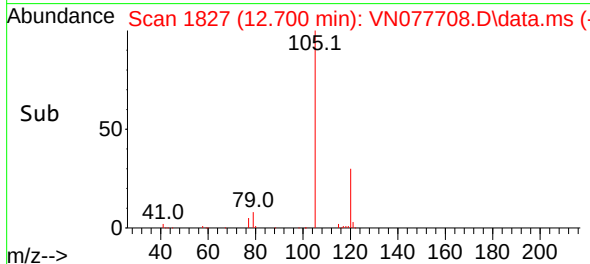
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



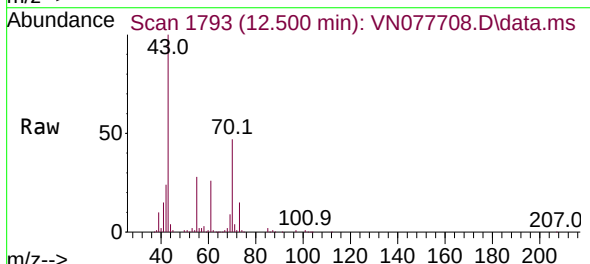
Tgt Ion:105 Resp: 456370
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations
APPROVED

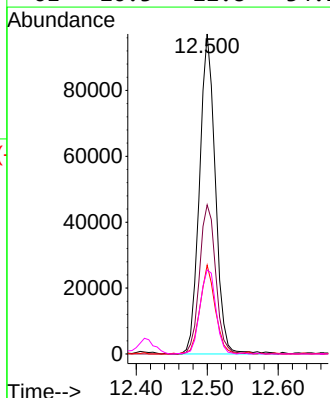
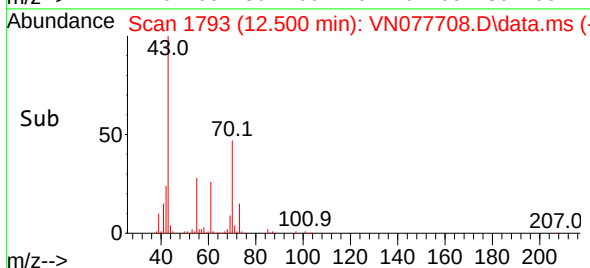
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

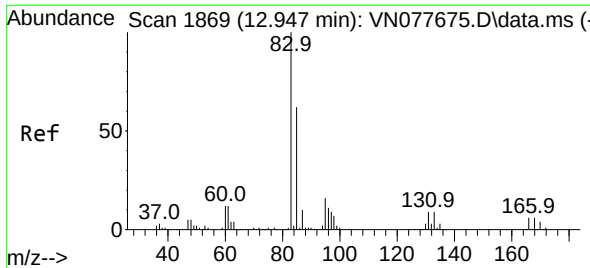


#74
N-ethyl acetate
Concen: 17.298 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



Tgt Ion: 43 Resp: 150934
Ion Ratio Lower Upper
43 100
70 47.5 43.4 65.2
55 26.6 21.4 32.0
61 26.3 22.8 34.2





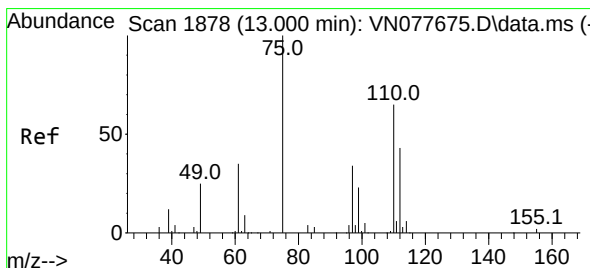
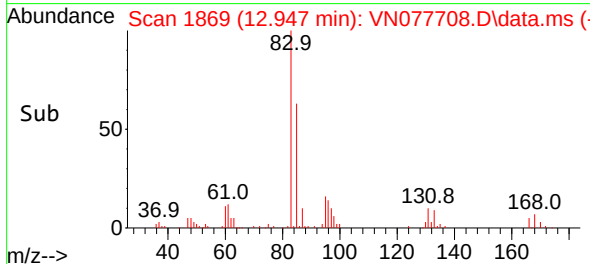
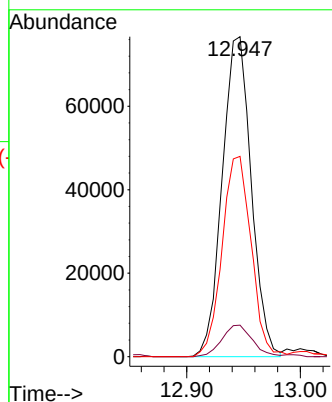
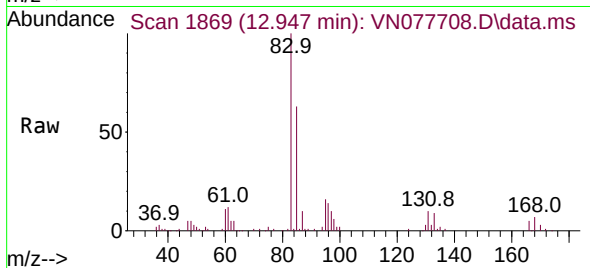
#75
1,1,2,2-Tetrachloroethane
Concen: 18.755 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion: 83 Resp: 136200
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 62.7 31.9 95.7

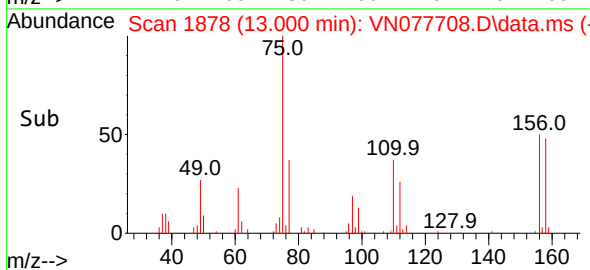
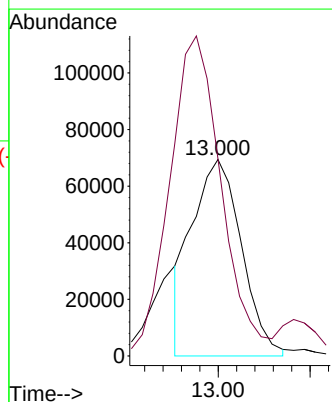
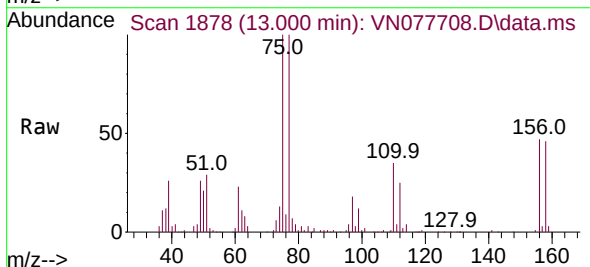
Manual Integrations
APPROVED

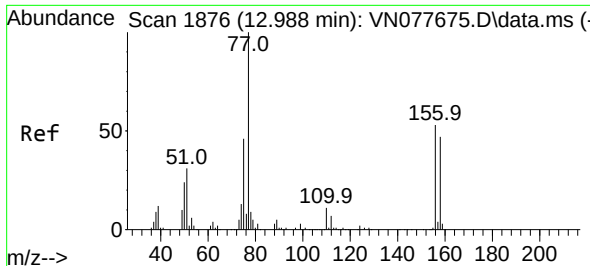
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#76
1,2,3-Trichloropropane
Concen: 18.959 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

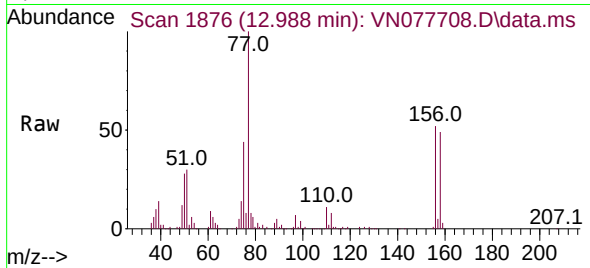
Tgt Ion: 75 Resp: 130026
Ion Ratio Lower Upper
75 100
77 170.6 84.5 253.5





#77
Bromobenzene
Concen: 18.882 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

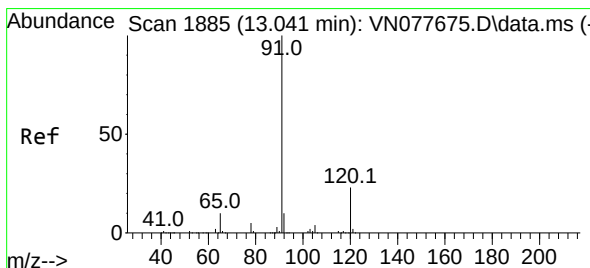
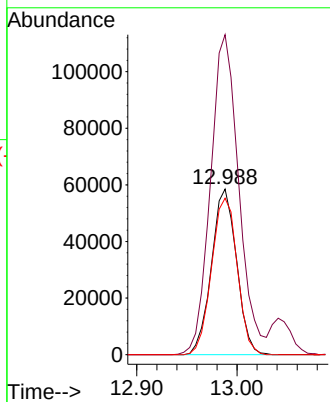
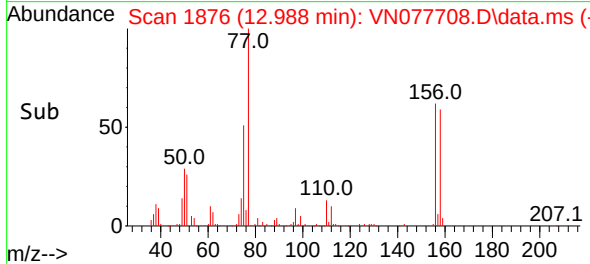
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



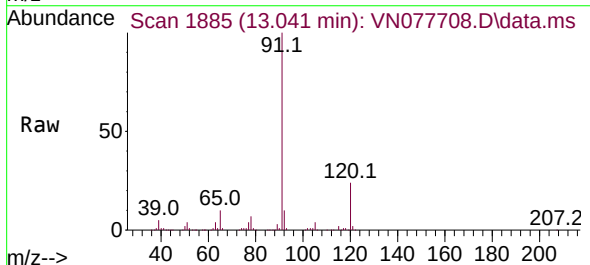
Tgt Ion:156 Resp: 101720
Ion Ratio Lower Upper
156 100
77 218.0 107.7 323.3
158 96.5 48.4 145.3

Manual Integrations
APPROVED

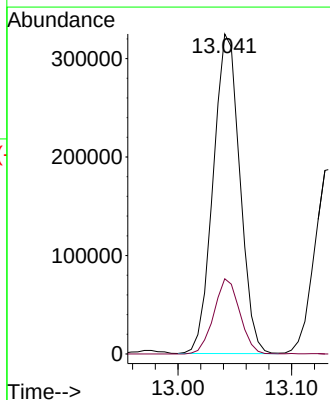
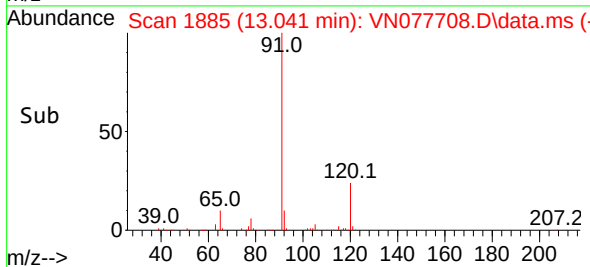
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

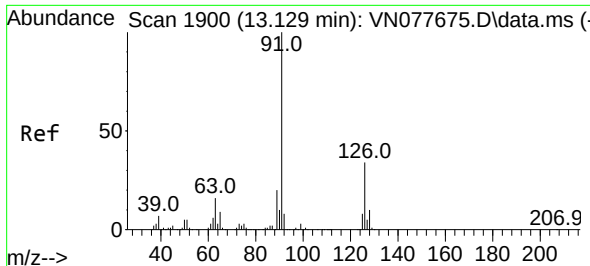


#78
n-propylbenzene
Concen: 19.002 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



Tgt Ion: 91 Resp: 528833
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





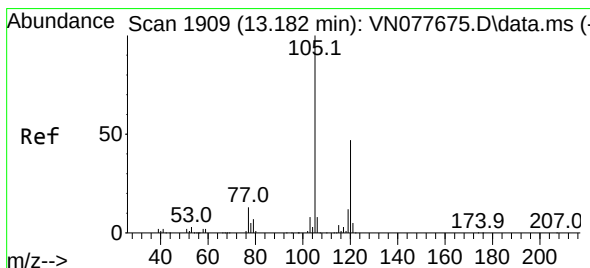
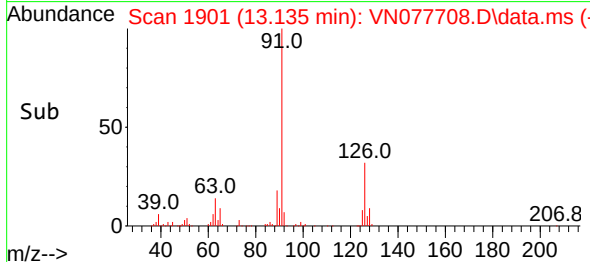
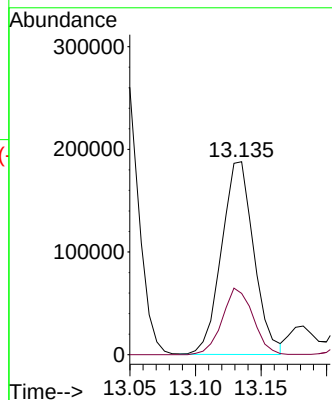
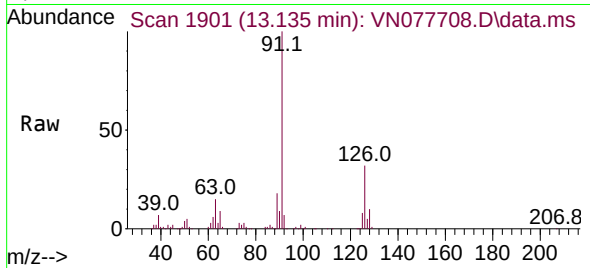
#79
2-Chlorotoluene
Concen: 19.387 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion: 91 Resp: 32195
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8

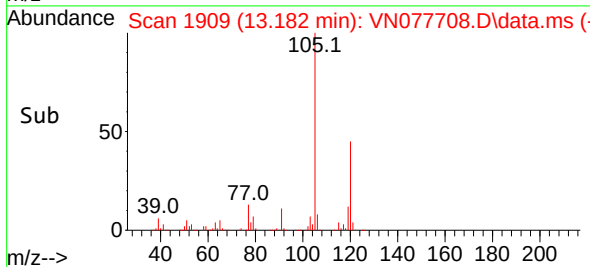
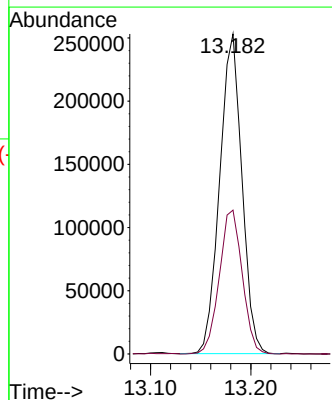
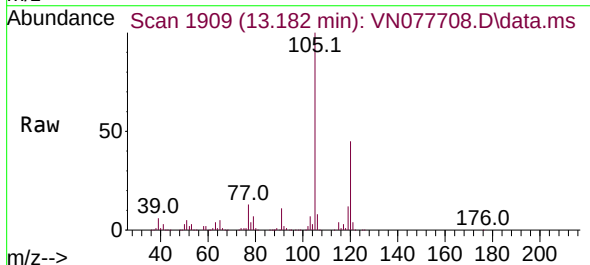
Manual Integrations
APPROVED

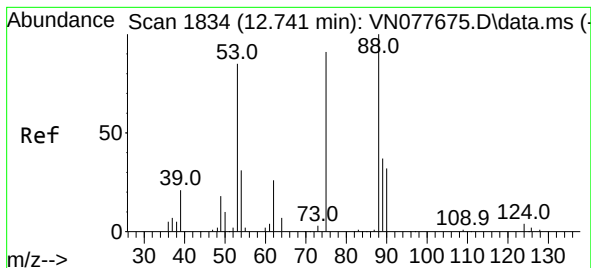
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.573 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

Tgt Ion:105 Resp: 388342
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3





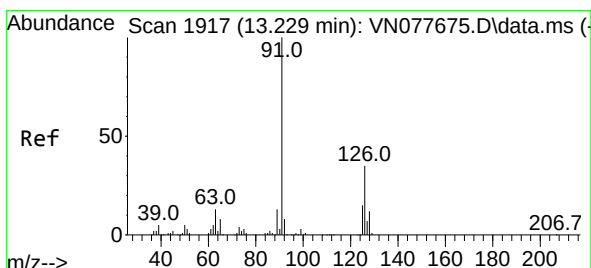
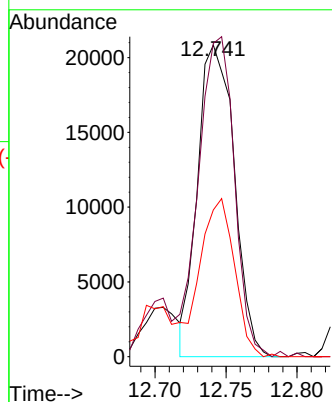
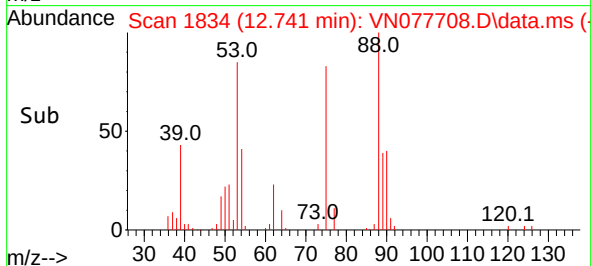
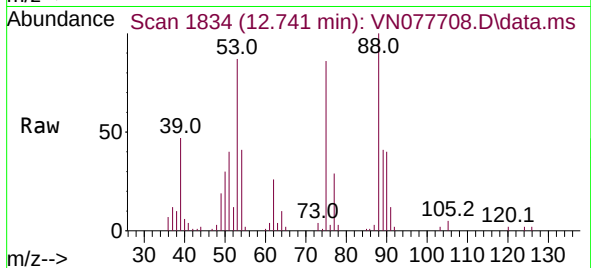
#81
trans-1,4-Dichloro-2-butene
Concen: 17.406 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion: 75 Resp: 37349
Ion Ratio Lower Upper
75 100
53 101.7 67.4 101.2
89 45.4 38.8 58.2

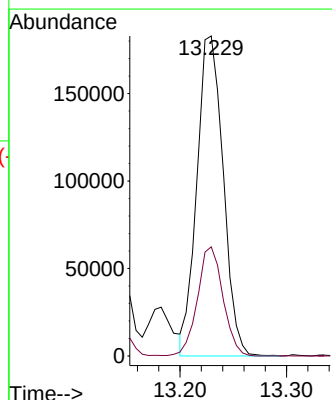
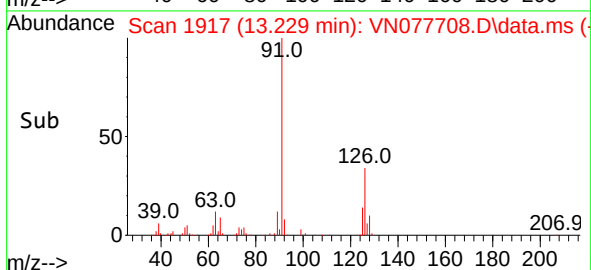
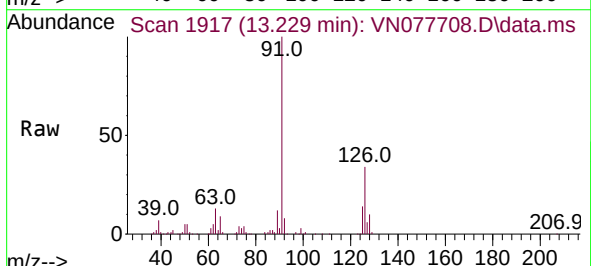
Manual Integrations
APPROVED

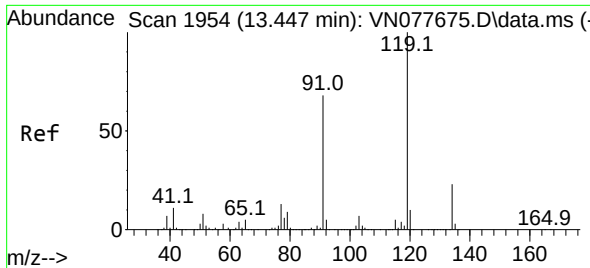
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#82
4-Chlorotoluene
Concen: 19.045 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

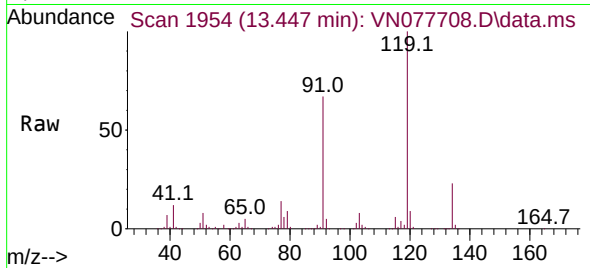
Tgt Ion: 91 Resp: 314682
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.355 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

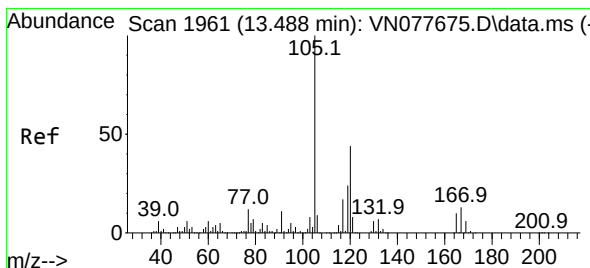
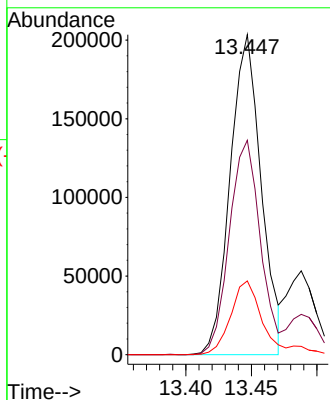
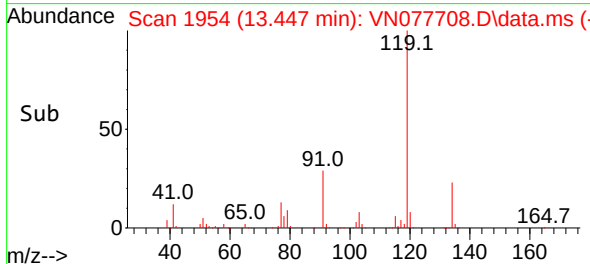
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



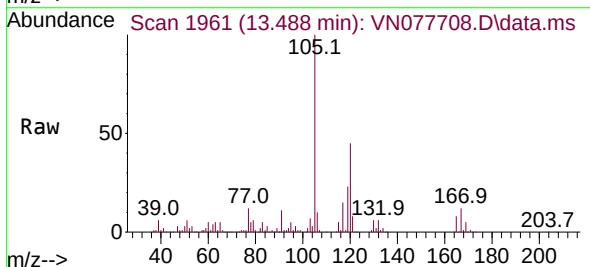
Tgt Ion:119 Resp: 335234
Ion Ratio Lower Upper
119 100
91 68.5 33.9 101.7
134 24.5 13.2 39.6

Manual Integrations
APPROVED

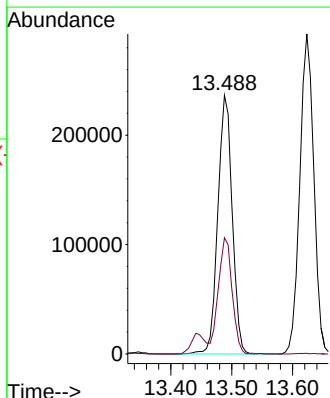
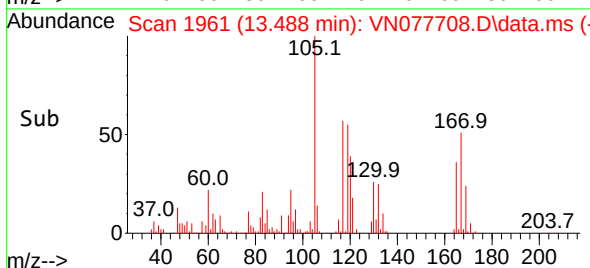
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

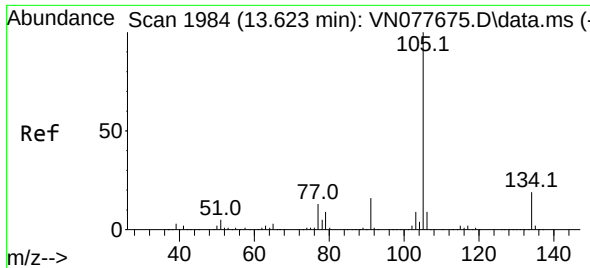


#84
1,2,4-Trimethylbenzene
Concen: 19.839 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58



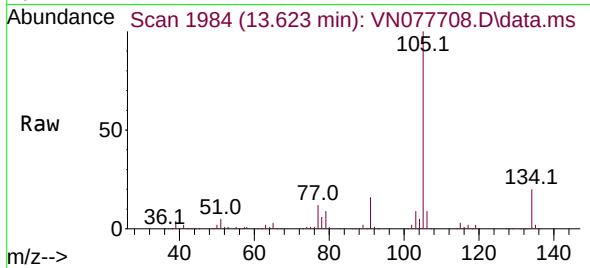
Tgt Ion:105 Resp: 387113
Ion Ratio Lower Upper
105 100
120 42.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.921 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077708.D
 Acq: 17 May 2023 12:58

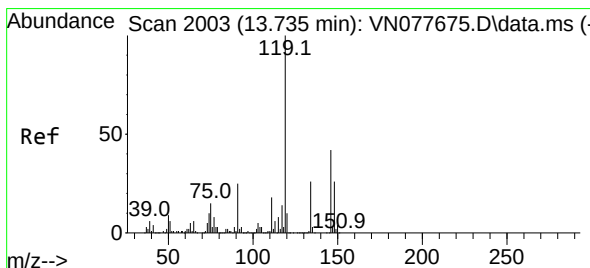
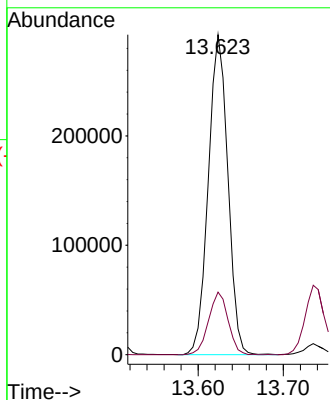
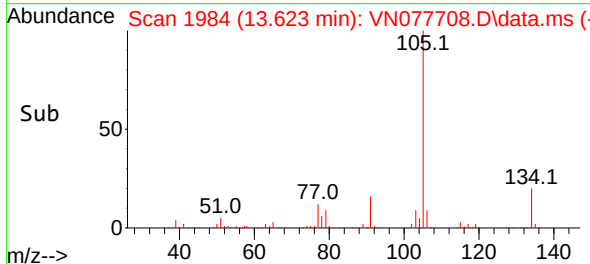
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD01



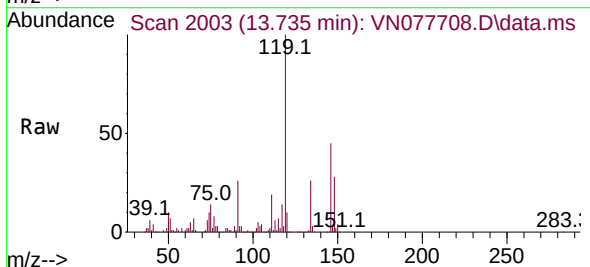
Tgt Ion:105 Resp: 465749
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

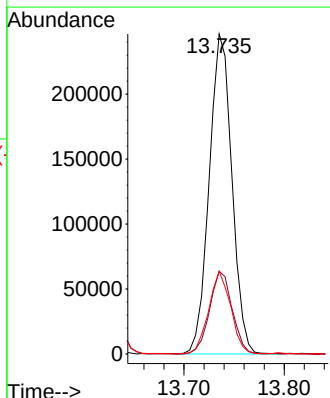
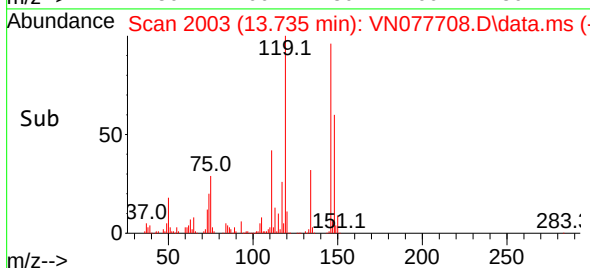
Reviewed By :John Carlone 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

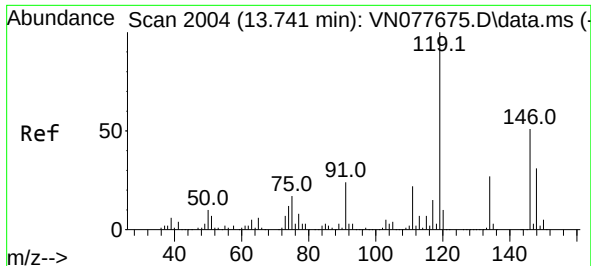


#86
 p-Isopropyltoluene
 Concen: 19.751 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077708.D
 Acq: 17 May 2023 12:58



Tgt Ion:119 Resp: 387602
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 25.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.982 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

Tgt Ion:146 Resp: 18911

Ion Ratio Lower Upper

146 100

111 43.4 22.1 66.3

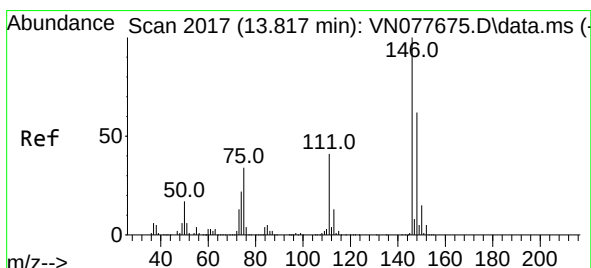
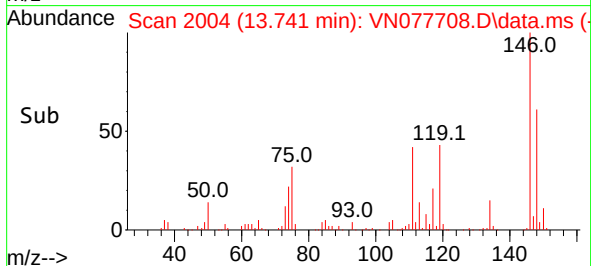
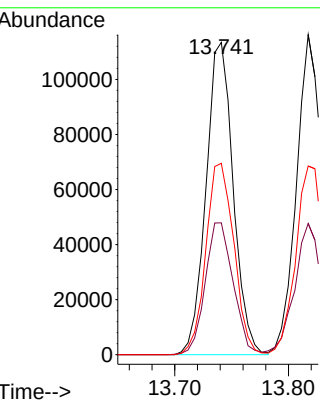
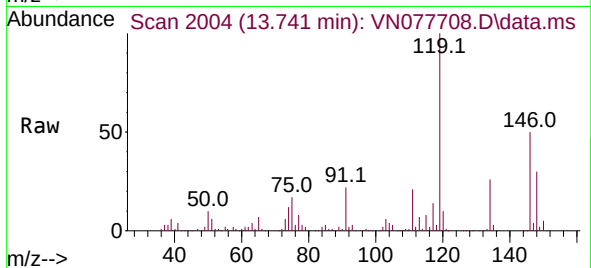
148 63.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#88

1,4-Dichlorobenzene

Concen: 18.954 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

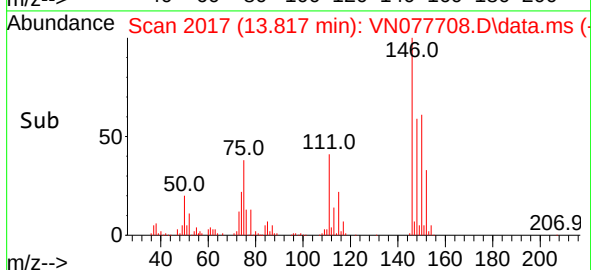
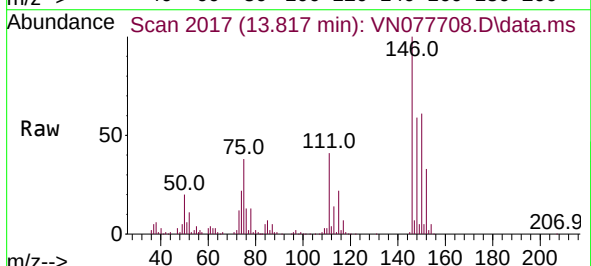
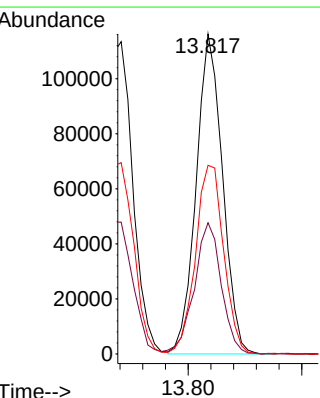
Tgt Ion:146 Resp: 187383

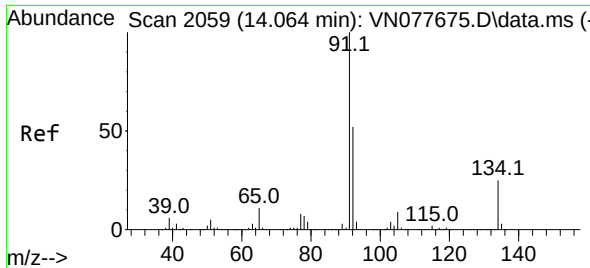
Ion Ratio Lower Upper

146 100

111 42.1 20.6 61.8

148 63.2 31.6 94.8





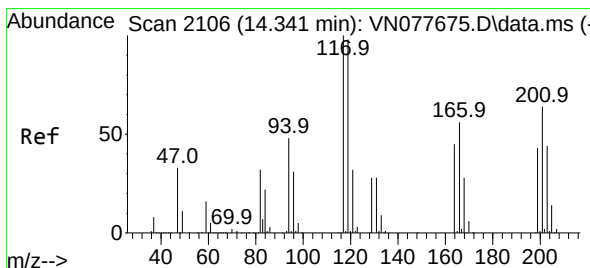
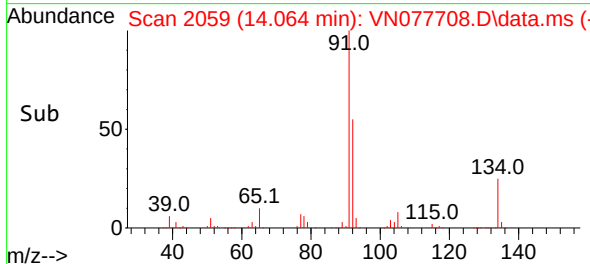
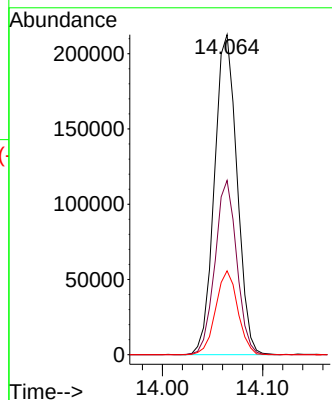
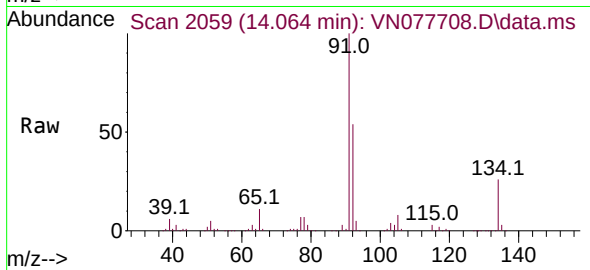
#89
n-Butylbenzene
Concen: 18.414 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion: 91 Resp: 33236
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.0
134 25.6 12.6 37.6

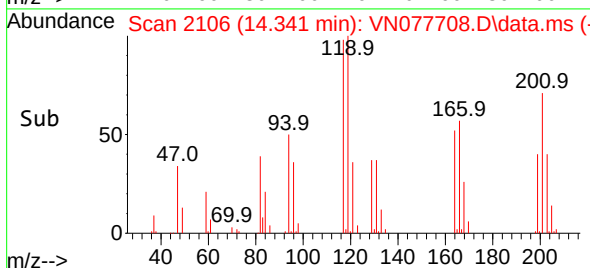
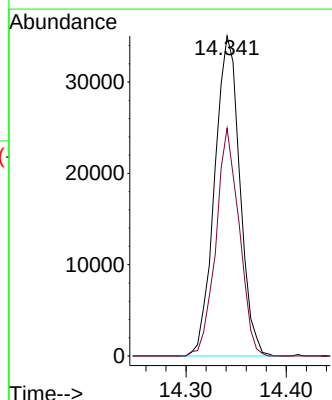
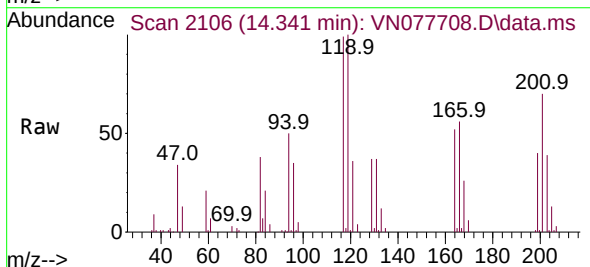
Manual Integrations
APPROVED

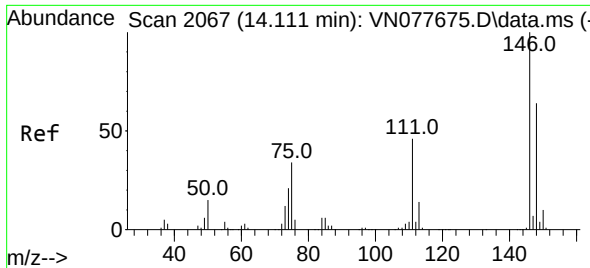
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#90
Hexachloroethane
Concen: 18.935 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

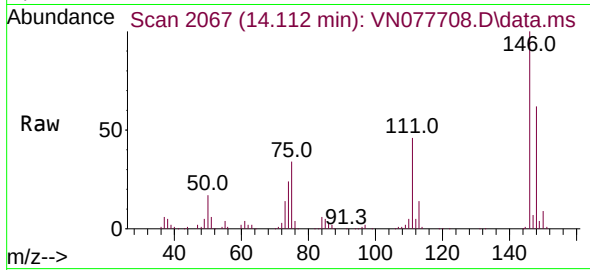
Tgt Ion:117 Resp: 61042
Ion Ratio Lower Upper
117 100
201 65.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 19.568 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

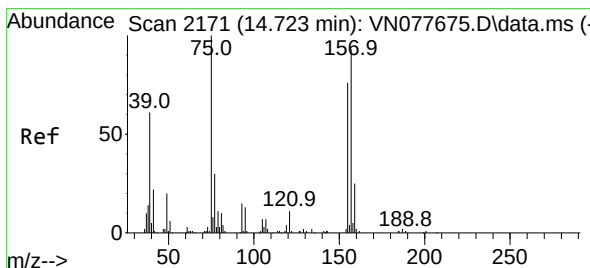
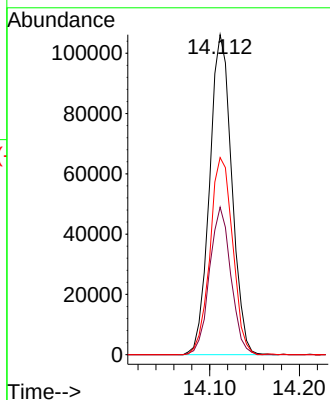
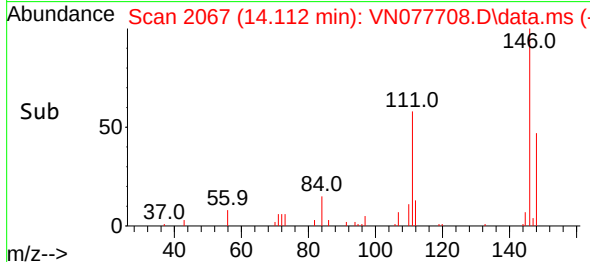
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion:146 Resp: 18212
Ion Ratio Lower Upper
146 100
111 44.4 22.0 66.0
148 63.0 31.8 95.3

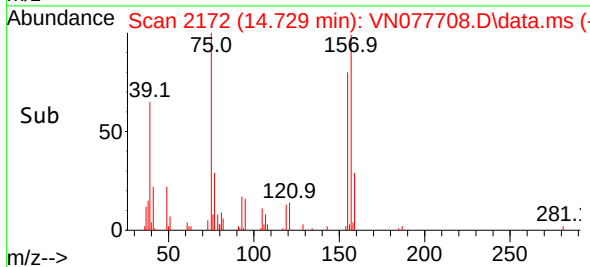
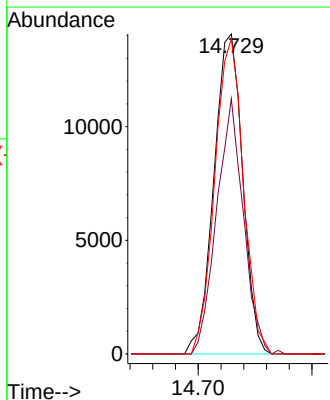
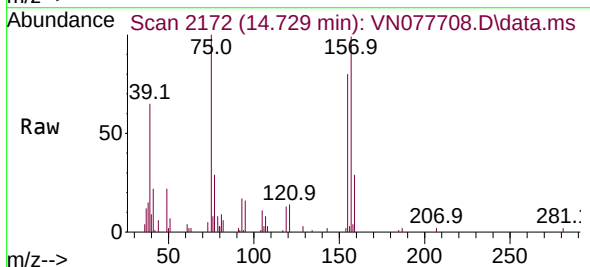
Manual Integrations
APPROVED

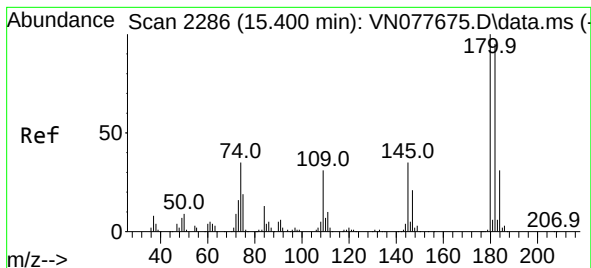
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.593 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077708.D
Acq: 17 May 2023 12:58

Tgt Ion: 75 Resp: 24736
Ion Ratio Lower Upper
75 100
155 74.3 39.1 117.2
157 97.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.430 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

Tgt Ion:180 Resp: 100238

Ion Ratio Lower Upper

180 100

182 88.7 46.1 138.2

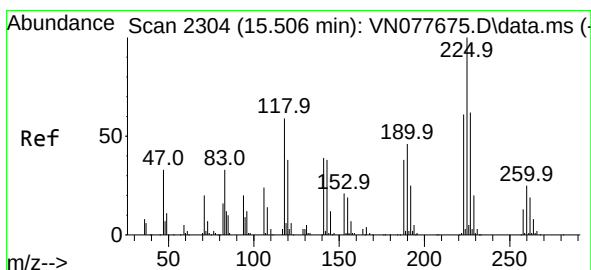
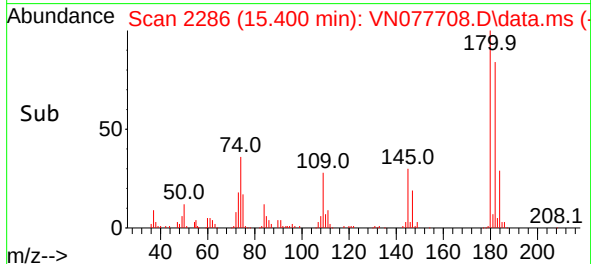
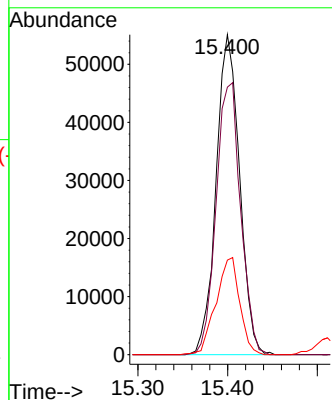
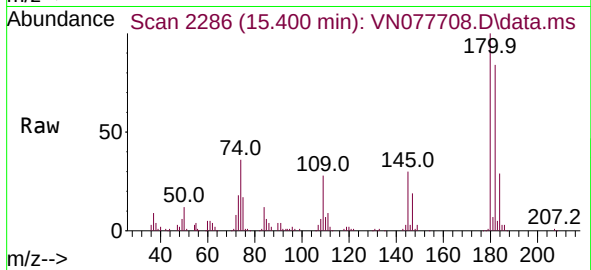
145 30.8 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#94

Hexachlorobutadiene

Concen: 18.445 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.005 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

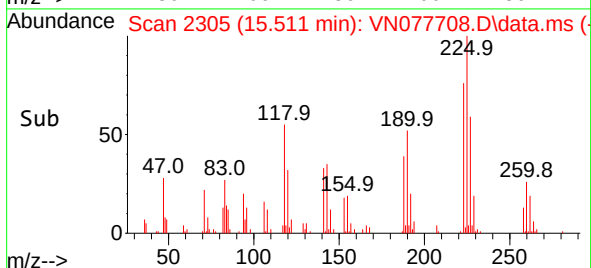
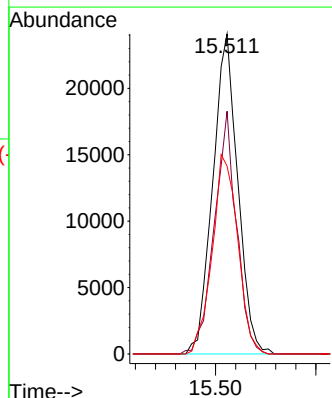
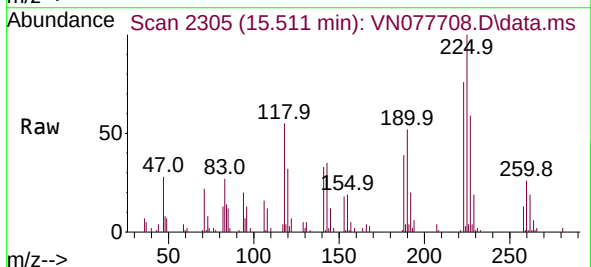
Tgt Ion:225 Resp: 41652

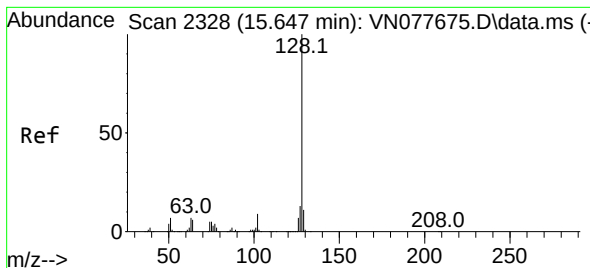
Ion Ratio Lower Upper

225 100

223 67.5 31.3 93.8

227 63.7 31.9 95.9





#95

Naphthalene

Concen: 16.701 ug/l

RT: 15.653 min Scan# 2329

Delta R.T. 0.006 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

Tgt Ion:128 Resp: 312658

Ion Ratio Lower Upper

128 100

127 13.8 10.0 15.0

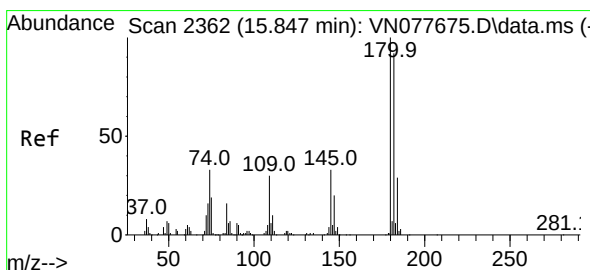
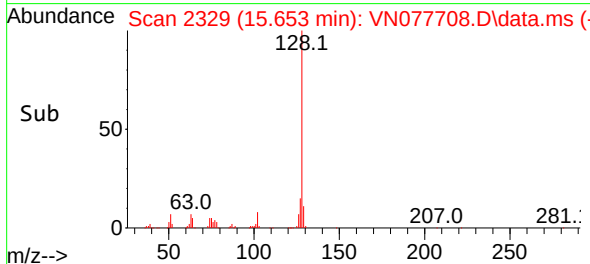
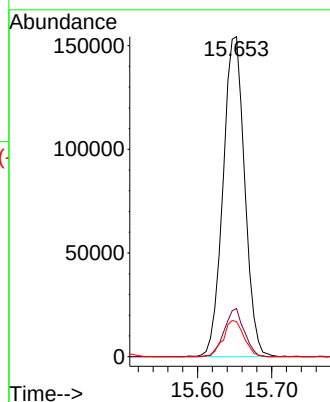
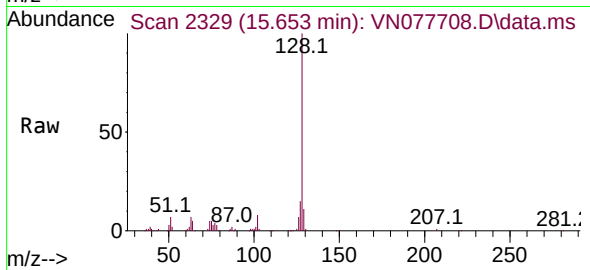
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.582 ug/l

RT: 15.853 min Scan# 2363

Delta R.T. 0.006 min

Lab File: VN077708.D

Acq: 17 May 2023 12:58

Tgt Ion:180 Resp: 93629

Ion Ratio Lower Upper

180 100

182 97.3 46.2 138.6

145 36.5 17.5 52.6

