

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077734.D
 Acq On : 18 May 2023 14:21
 Operator : JC\MD
 Sample : VN0518WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2023
 Supervised By : Mahesh Dadoda 05/19/2023

Quant Time: May 19 07:34:32 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	8.235	168	385905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	705651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	619883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	262288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	273029	47.285	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.560%		
35) Dibromofluoromethane	8.177	113	222757	48.410	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.820%		
50) Toluene-d8	10.570	98	840916	47.479	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.960%		
62) 4-Bromofluorobenzene	12.853	95	286882	45.862	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	76610	17.444	ug/l	99
3) Chloromethane	2.371	50	77406	15.383	ug/l	97
4) Vinyl Chloride	2.524	62	90153	16.281	ug/l	97
5) Bromomethane	2.977	94	69226	16.904	ug/l	96
6) Chloroethane	3.136	64	61878	15.506	ug/l	99
7) Trichlorofluoromethane	3.512	101	144290	18.698	ug/l	93
8) Diethyl Ether	3.977	74	50268	17.844	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.389	101	79425	18.598	ug/l	99
10) Methyl Iodide	4.600	142	99291	19.496	ug/l	98
11) Tert butyl alcohol	5.518	59	66468	83.410	ug/l	99
12) 1,1-Dichloroethene	4.359	96	72568	17.879	ug/l	92
13) Acrolein	4.189	56	50376	82.347	ug/l	91
14) Allyl chloride	5.041	41	111194	18.648	ug/l	96
15) Acrylonitrile	5.724	53	181559	85.280	ug/l	99
16) Acetone	4.436	43	157190	86.529	ug/l	94
17) Carbon Disulfide	4.724	76	169024	15.455	ug/l	99
18) Methyl Acetate	5.036	43	130882	17.174	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	268198	18.255	ug/l	96
20) Methylene Chloride	5.288	84	90610	17.895	ug/l	93
21) trans-1,2-Dichloroethene	5.806	96	77632	17.027	ug/l	89
22) Diisopropyl ether	6.677	45	248933	17.811	ug/l #	94
23) Vinyl Acetate	6.612	43	738439	85.277	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	155417	18.151	ug/l	97
25) 2-Butanone	7.494	43	237741	83.660	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	131036	18.013	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	96759	17.699	ug/l	92
28) Bromochloromethane	7.824	49	74727	20.180	ug/l	89
29) Tetrahydrofuran	7.847	42	148155	79.621	ug/l	86
30) Chloroform	7.977	83	170938	18.148	ug/l	94
31) Cyclohexane	8.265	56	134192	17.099	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	145078	18.117	ug/l	95
36) 1,1-Dichloropropene	8.382	75	118702	17.637	ug/l	96
37) Ethyl Acetate	7.571	43	96391	16.068	ug/l	97
38) Carbon Tetrachloride	8.371	117	123245	18.134	ug/l	93
39) Methylcyclohexane	9.612	83	146249	17.749	ug/l	91
40) Benzene	8.612	78	359812	18.116	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	53178	16.646	ug/l	93
42) 1,2-Dichloroethane	8.677	62	127755	17.708	ug/l	98
43) Isopropyl Acetate	8.694	43	165687	16.909	ug/l	95
44) Trichloroethene	9.359	130	95681	19.026	ug/l	99
45) 1,2-Dichloropropane	9.629	63	92447	18.249	ug/l	92
46) Dibromomethane	9.718	93	67724	18.682	ug/l	99
47) Bromodichloromethane	9.894	83	132195	19.048	ug/l	98
48) Methyl methacrylate	9.688	41	80188	17.261	ug/l #	85
49) 1,4-Dioxane	9.700	88	31301	356.732	ug/l	89
51) 4-Methyl-2-Pentanone	10.453	43	497501	85.418	ug/l	93
52) Toluene	10.635	92	229782	18.584	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	132713	18.058	ug/l	99
54) cis-1,3-Dichloropropene	10.323	75	143651	17.737	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	89792	18.290	ug/l	97
56) Ethyl methacrylate	10.882	69	128537	17.316	ug/l	91
57) 1,3-Dichloropropane	11.170	76	153580	18.248	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	293234	80.297	ug/l	93
59) 2-Hexanone	11.200	43	350258	81.304	ug/l	93
60) Dibromochloromethane	11.365	129	93700	18.488	ug/l	98
61) 1,2-Dibromoethane	11.476	107	89250	18.223	ug/l	98
64) Tetrachloroethene	11.112	164	87882	20.273	ug/l	98
65) Chlorobenzene	11.900	112	244216	18.173	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	88309	18.992	ug/l	96
67) Ethyl Benzene	11.970	91	437627	18.172	ug/l	97
68) m/p-Xylenes	12.076	106	330974	36.271	ug/l	97
69) o-Xylene	12.406	106	166336	18.536	ug/l	98
70) Styrene	12.417	104	253293	17.768	ug/l	94
71) Bromoform	12.588	173	56611	18.302	ug/l #	99
73) Isopropylbenzene	12.700	105	428143	18.937	ug/l	99
74) N-amyl acetate	12.500	43	132886	15.901	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	125380	18.026	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	91576m	13.941	ug/l	
77) Bromobenzene	12.988	156	94921	18.397	ug/l	98
78) n-propylbenzene	13.041	91	492431	18.474	ug/l	99
79) 2-Chlorotoluene	13.129	91	298603	18.774	ug/l	100
80) 1,3,5-Trimethylbenzene	13.182	105	362982	19.102	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	37313	18.158	ug/l	84
82) 4-Chlorotoluene	13.229	91	285221	18.023	ug/l	99
83) tert-Butylbenzene	13.447	119	314963	18.986	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	359092	19.215	ug/l	100
85) sec-Butylbenzene	13.623	105	444608	18.859	ug/l	99
86) p-Isopropyltoluene	13.735	119	373100	19.851	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	176523	18.500	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	164828	17.408	ug/l	95
89) n-Butylbenzene	14.064	91	311716	18.031	ug/l	98
90) Hexachloroethane	14.341	117	57485	18.618	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	169718	19.039	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21680	16.100	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	80816	15.514	ug/l	98
94) Hexachlorobutadiene	15.505	225	40649	18.794	ug/l	99
95) Naphthalene	15.647	128	238963	13.328	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	78940	15.478	ug/l	98

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ClientSampleId :
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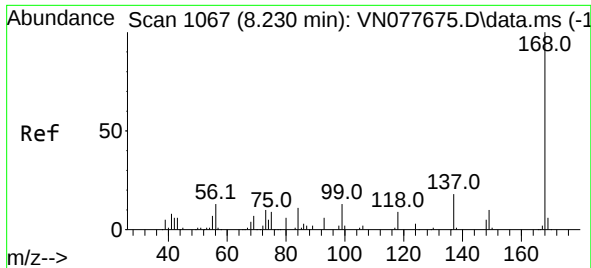
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

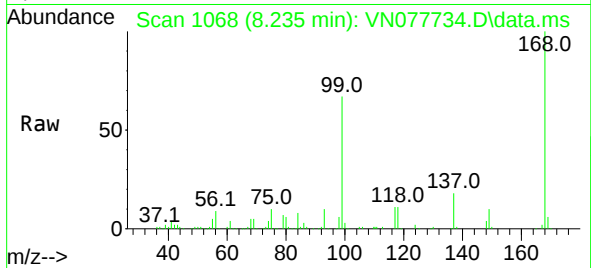
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077734.D
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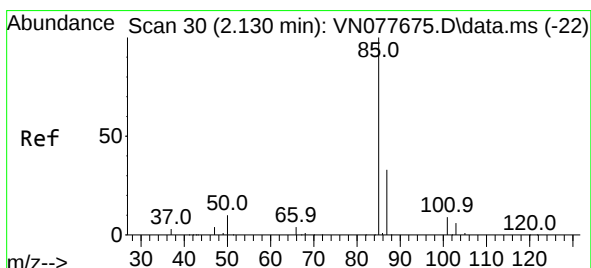
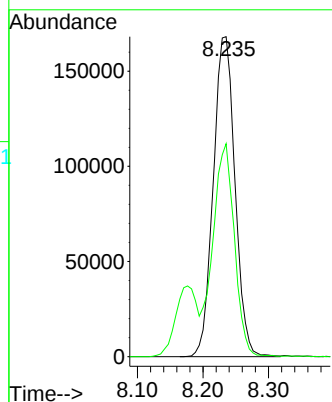
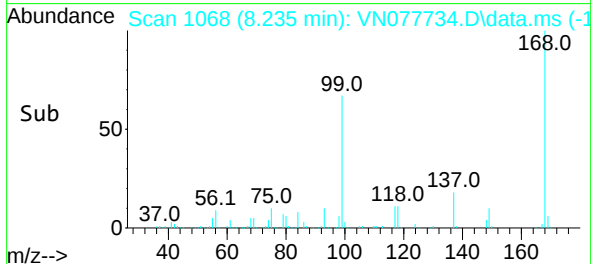
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 38590
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6

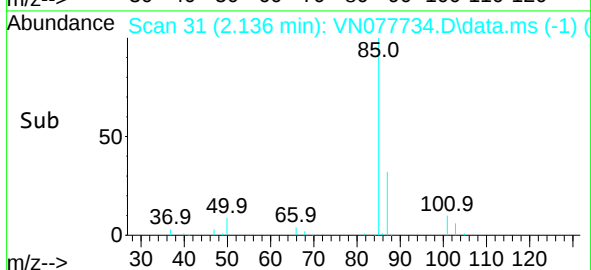
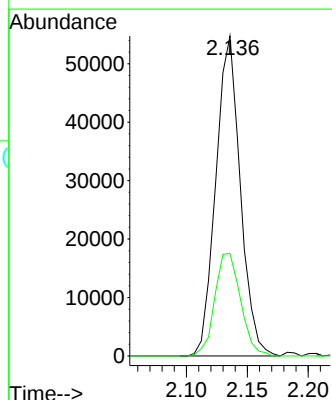
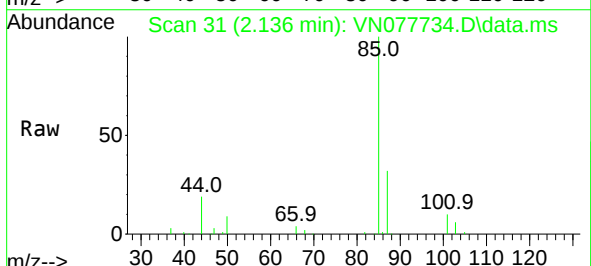
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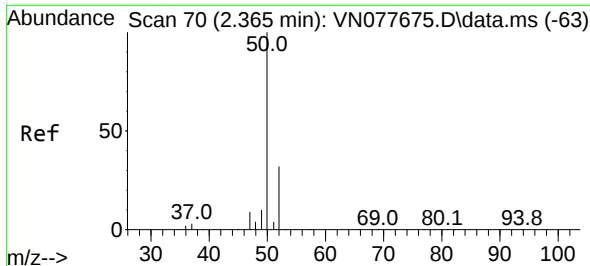
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#2
Dichlorodifluoromethane
Concen: 17.444 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

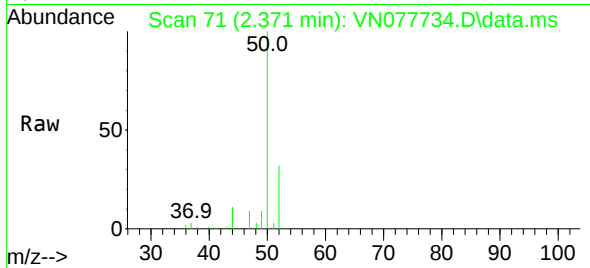
Tgt Ion: 85 Resp: 76610
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





#3
Chloromethane
Concen: 15.383 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

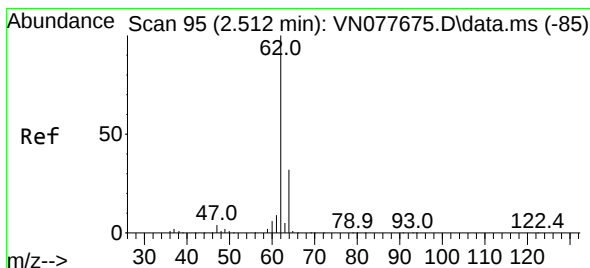
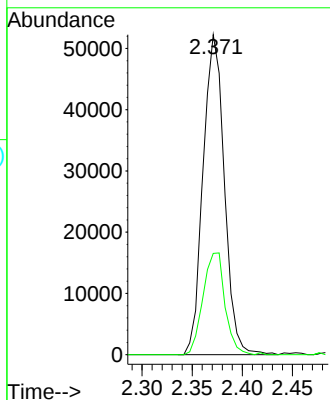
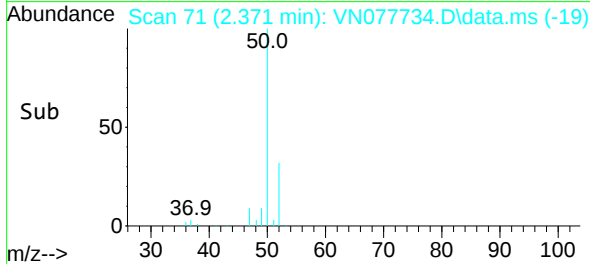
Instrument :
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Tgt Ion: 50 Resp: 77400
Ion Ratio Lower Upper
50 100
52 31.7 26.5 39.7

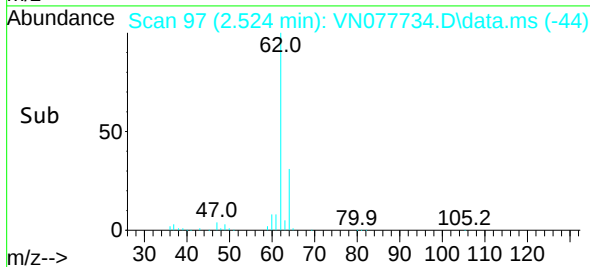
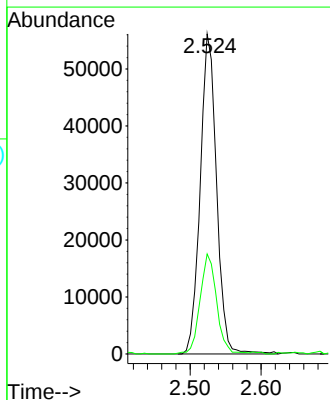
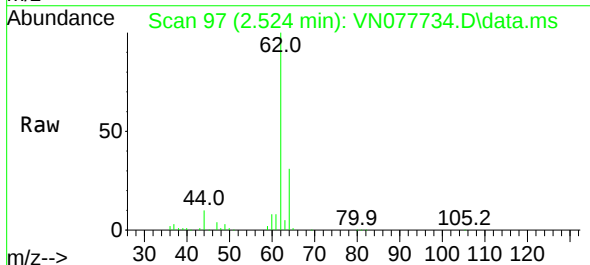
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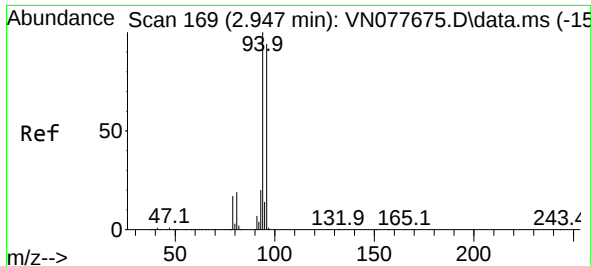
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#4
Vinyl Chloride
Concen: 16.281 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

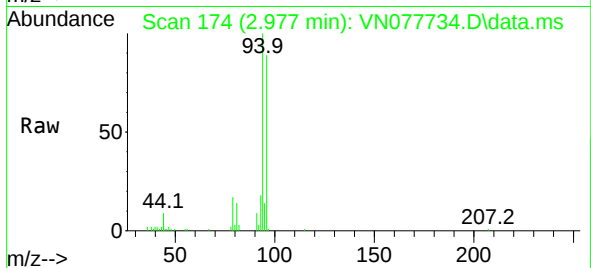
Tgt Ion: 62 Resp: 90153
Ion Ratio Lower Upper
62 100
64 31.0 26.2 39.2





#5
Bromomethane
Concen: 16.904 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

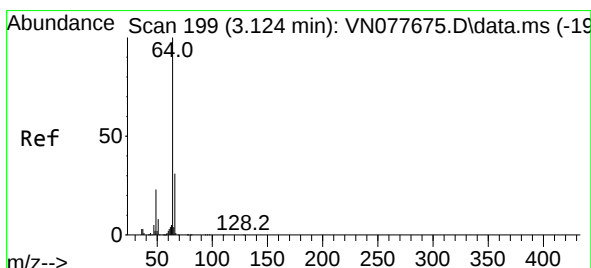
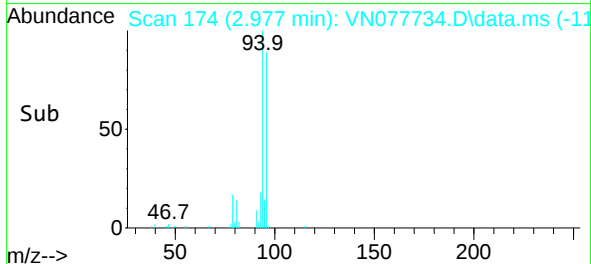
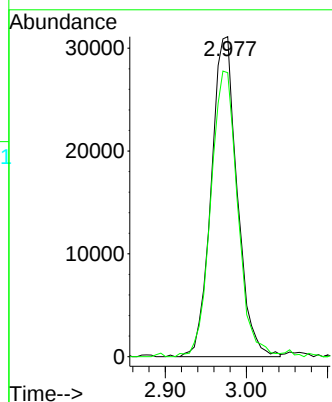
Instrument :
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Tgt Ion: 94 Resp: 69220
Ion Ratio Lower Upper
94 100
96 87.8 73.1 109.7

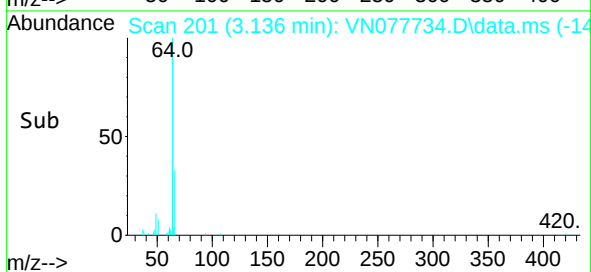
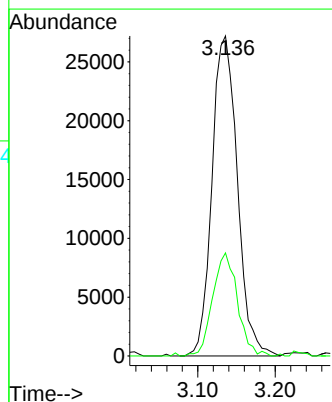
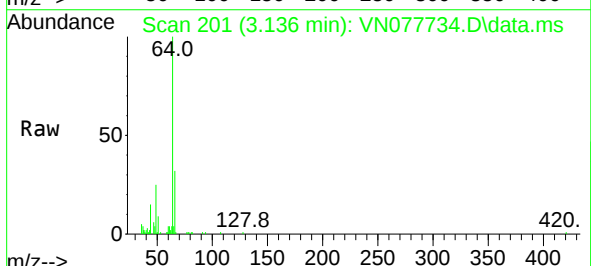
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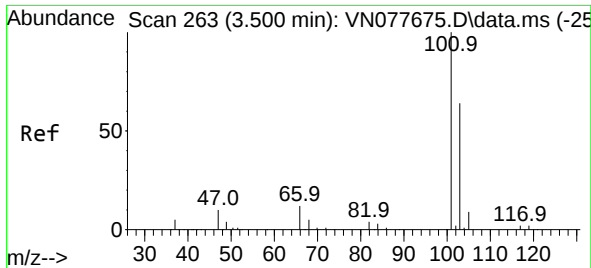
Reviewed By :John Carlone 05/19/2023
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#6
Chloroethane
Concen: 15.506 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN077734.D
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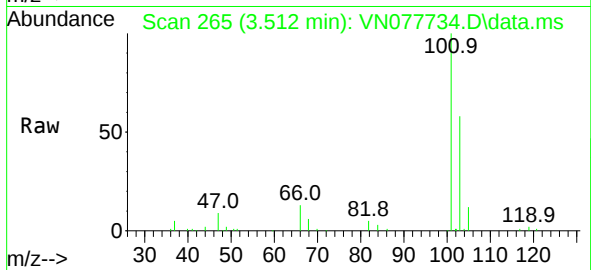
Tgt Ion: 64 Resp: 61878
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2





#7
Trichlorofluoromethane
Concen: 18.698 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN077734.D
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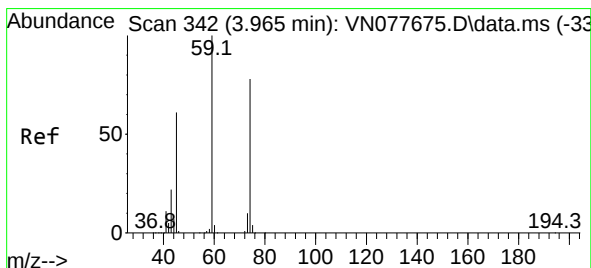
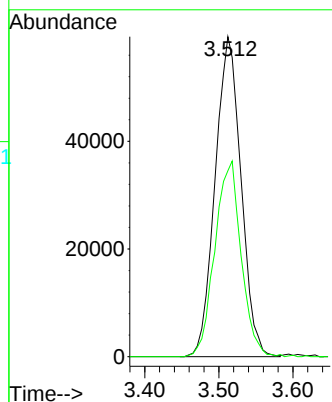
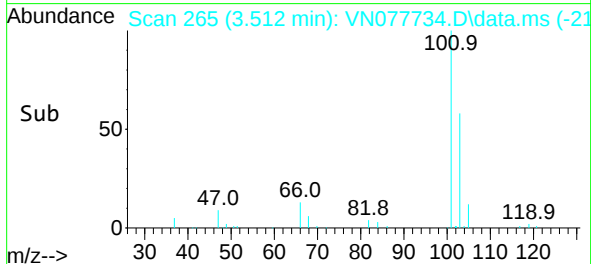
Instrument :
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Tgt Ion:101 Resp: 144290
Ion Ratio Lower Upper
101 100
103 58.1 50.7 76.1

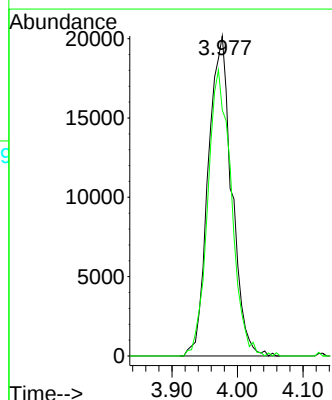
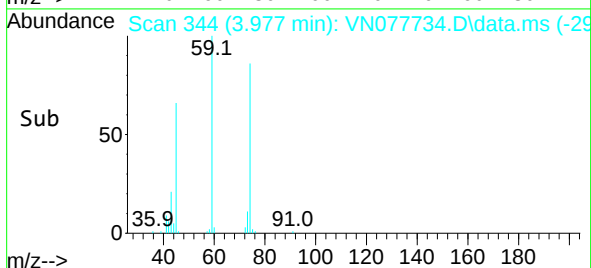
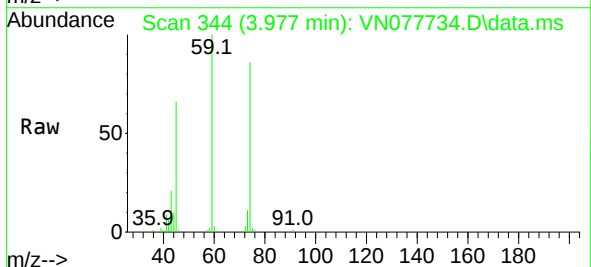
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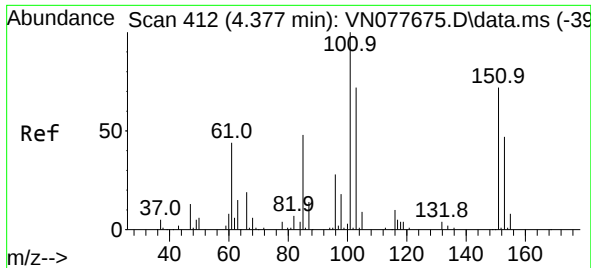
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#8
Diethyl Ether
Concen: 17.844 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.012 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 74 Resp: 50268
Ion Ratio Lower Upper
74 100
45 89.3 34.4 103.3





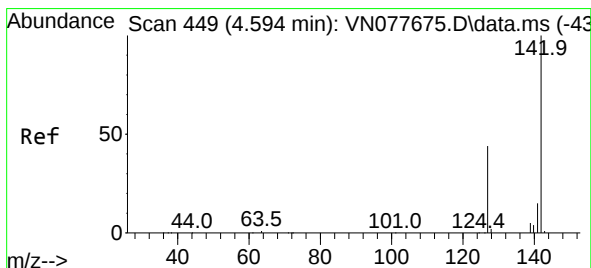
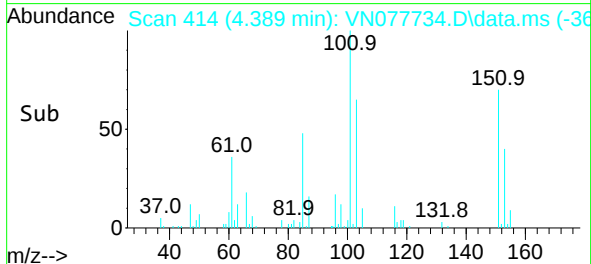
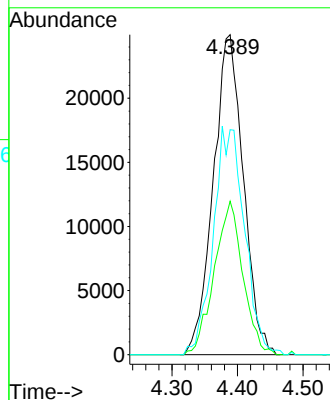
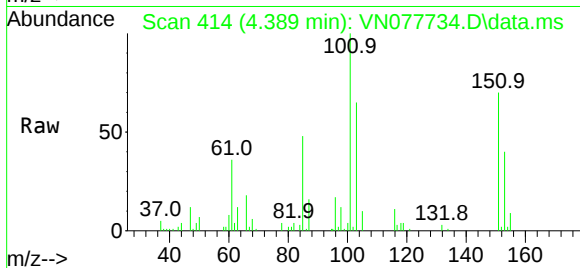
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.598 ug/l
RT: 4.389 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

Tgt Ion:101 Resp: 79425
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 73.8 57.6 86.4

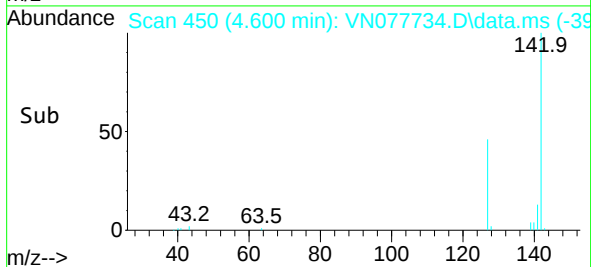
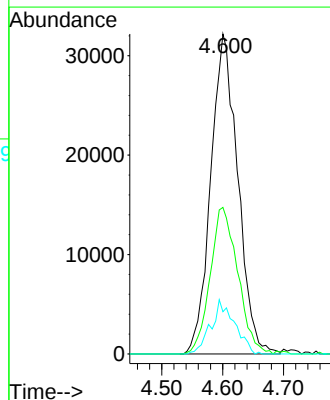
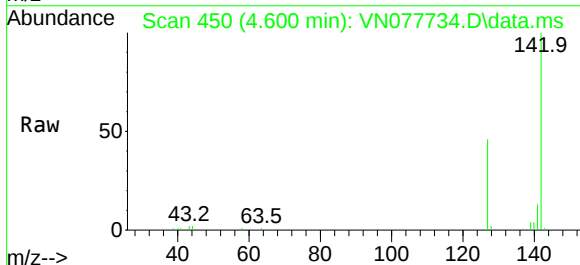
Manual Integrations
APPROVED

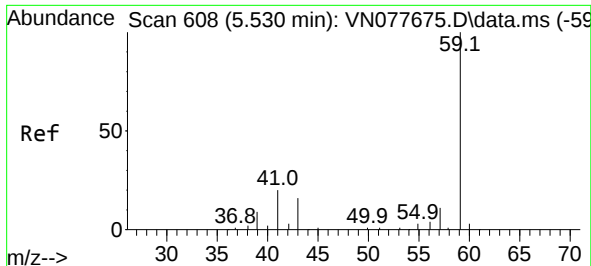
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#10
Methyl Iodide
Concen: 19.496 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

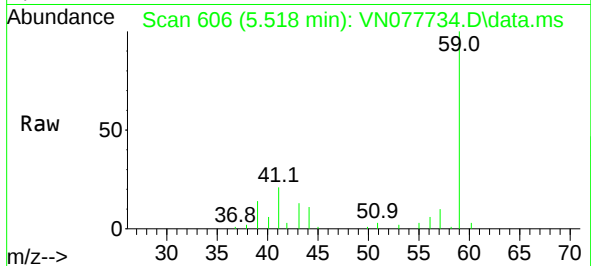
Tgt Ion:142 Resp: 99291
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 13.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 83.410 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

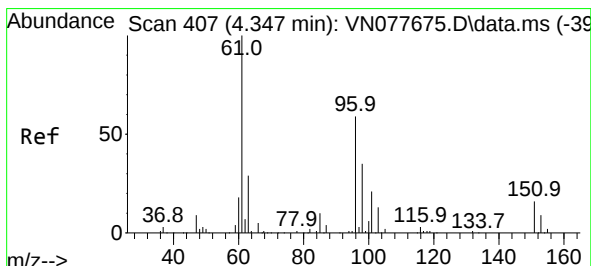
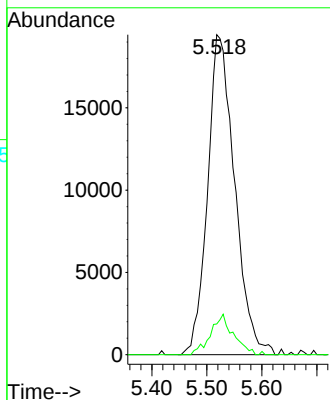
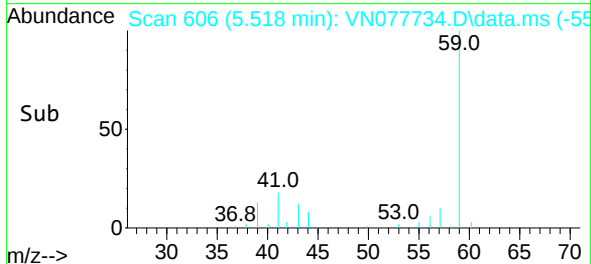
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



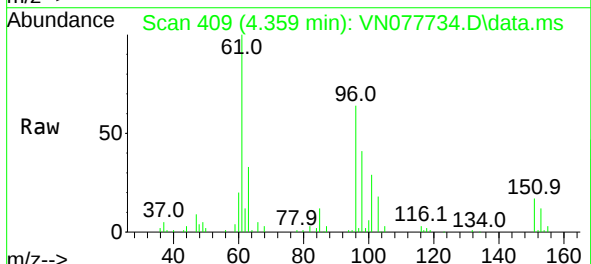
Tgt Ion: 59 Resp: 66468
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
APPROVED

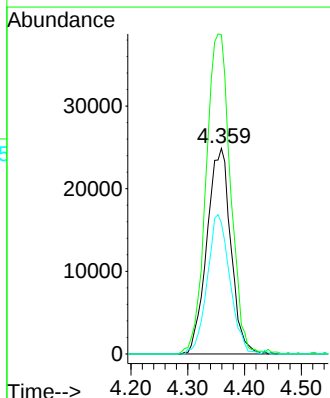
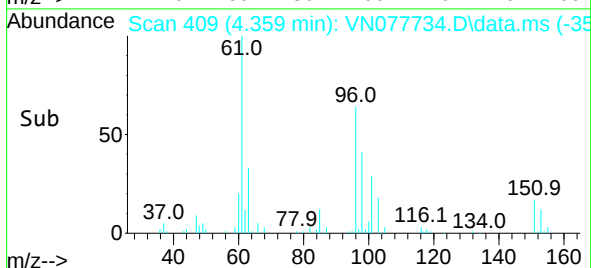
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

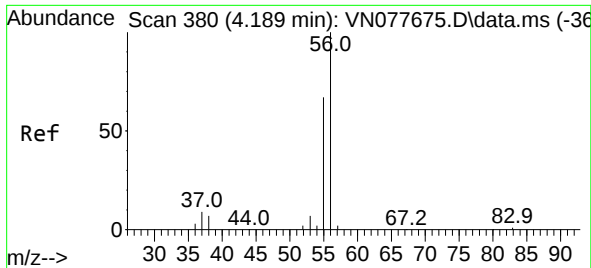


#12
1,1-Dichloroethene
Concen: 17.879 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.012 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21



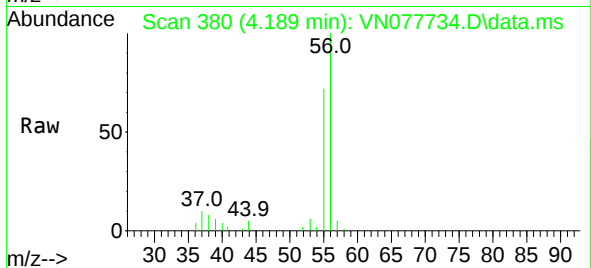
Tgt Ion: 96 Resp: 72568
Ion Ratio Lower Upper
96 100
61 155.2 112.7 169.1
98 63.7 51.2 76.8





#13
Acrolein
Concen: 82.347 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

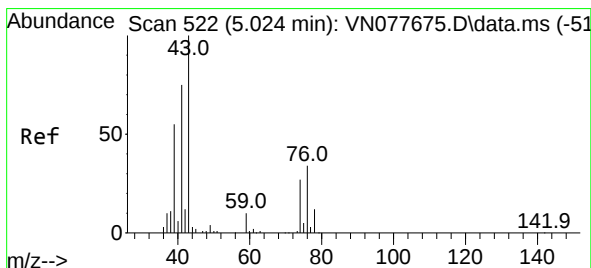
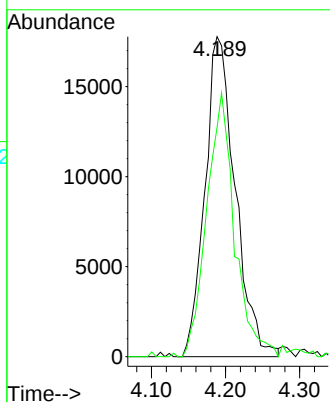
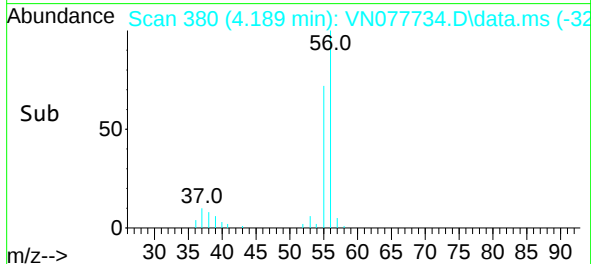
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



Tgt Ion: 56 Resp: 50370
Ion Ratio Lower Upper
56 100
55 75.8 54.5 81.7

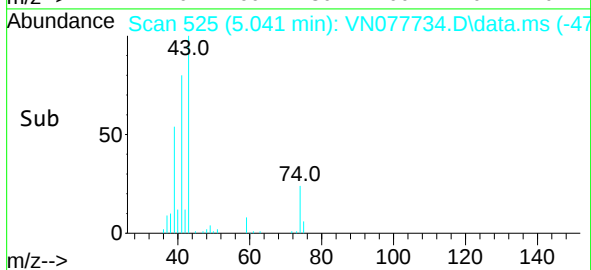
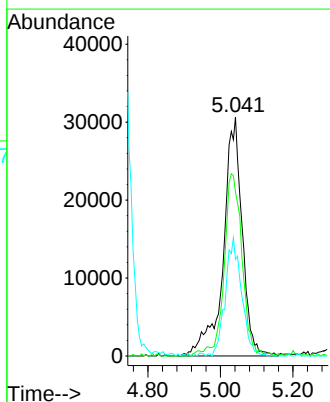
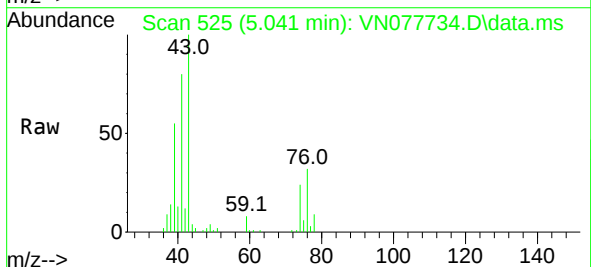
Manual Integrations
APPROVED

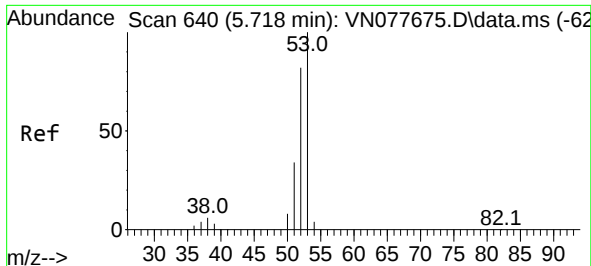
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#14
Allyl chloride
Concen: 18.648 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.017 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

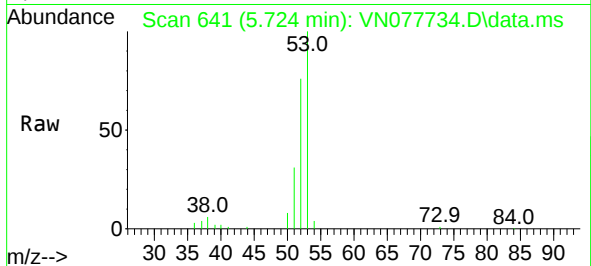
Tgt Ion: 41 Resp: 111194
Ion Ratio Lower Upper
41 100
39 72.5 58.8 88.2
76 42.5 39.1 58.7





#15
Acrylonitrile
Concen: 85.280 ug/l
RT: 5.724 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

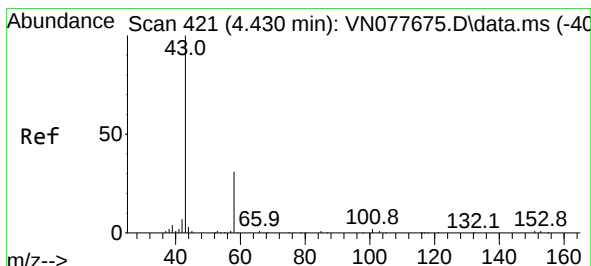
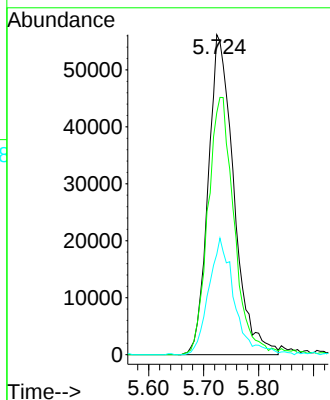
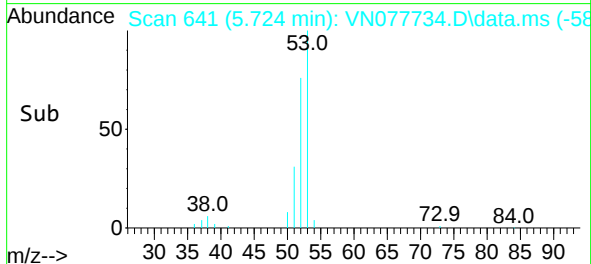
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



Tgt Ion: 53 Resp: 18155
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 36.7 28.9 43.3

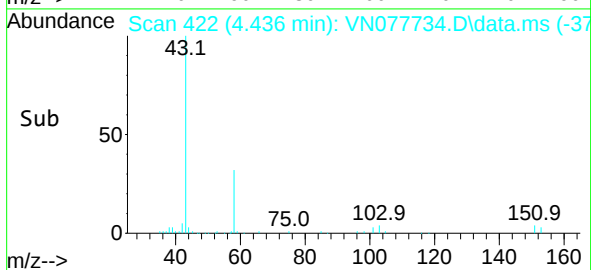
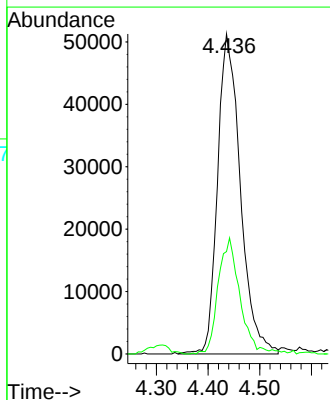
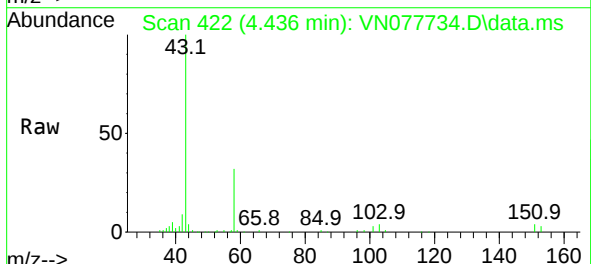
Manual Integrations
APPROVED

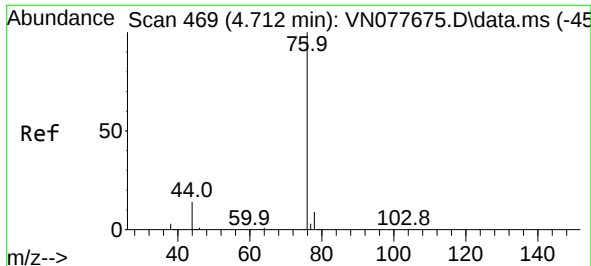
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#16
Acetone
Concen: 86.529 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

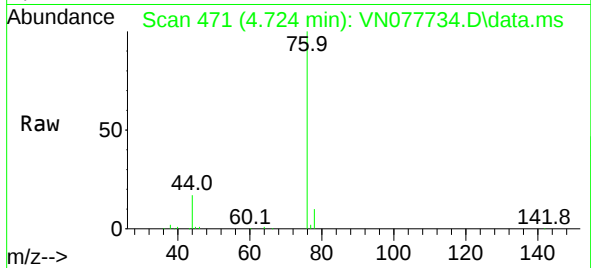
Tgt Ion: 43 Resp: 157190
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0





#17
Carbon Disulfide
Concen: 15.455 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

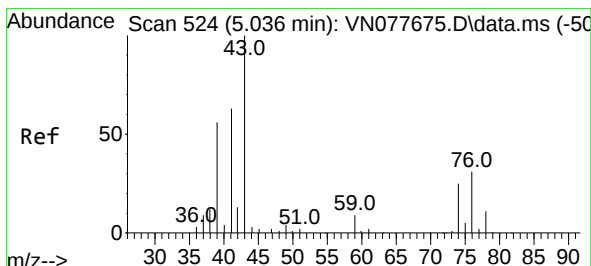
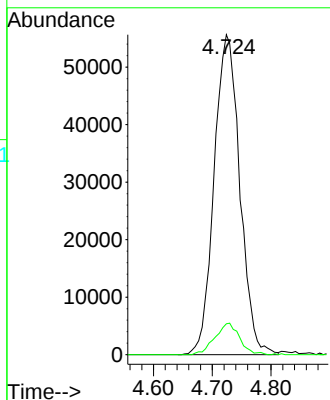
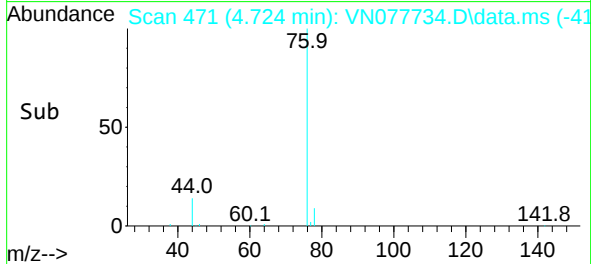
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



Tgt Ion: 76 Resp: 169024
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

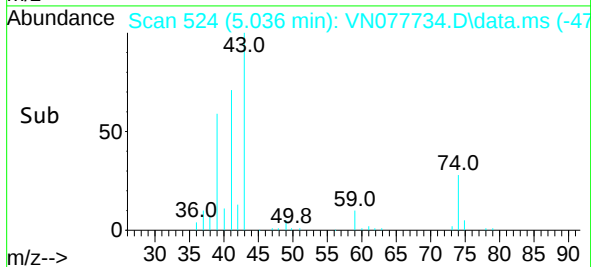
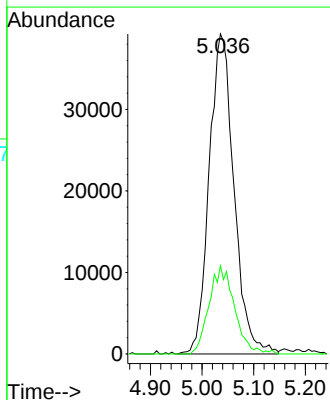
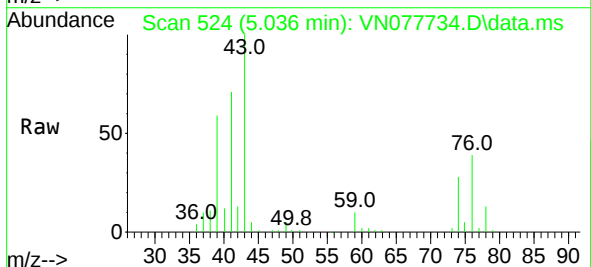
Manual Integrations
APPROVED

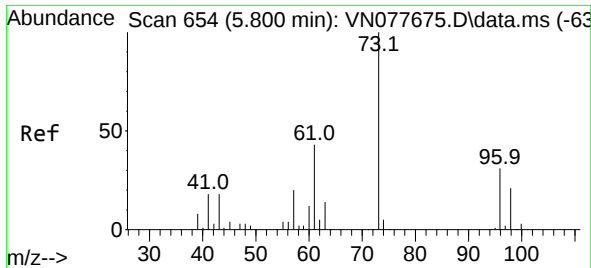
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#18
Methyl Acetate
Concen: 17.174 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

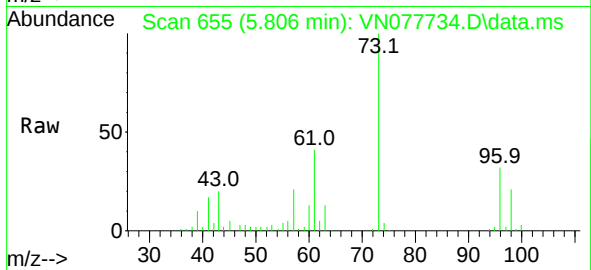
Tgt Ion: 43 Resp: 130882
Ion Ratio Lower Upper
43 100
74 28.0 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 18.255 ug/l
RT: 5.806 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

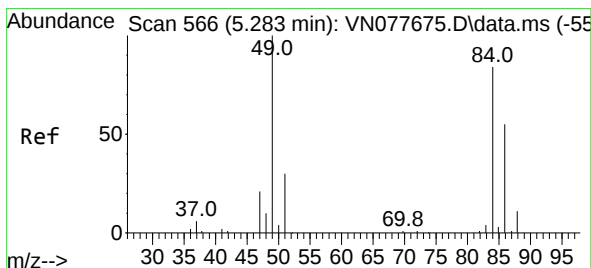
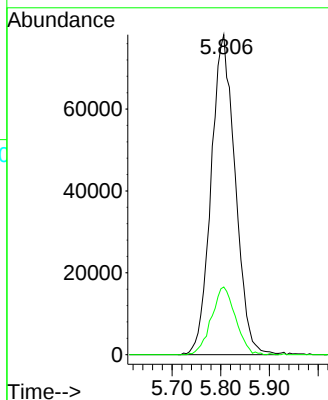
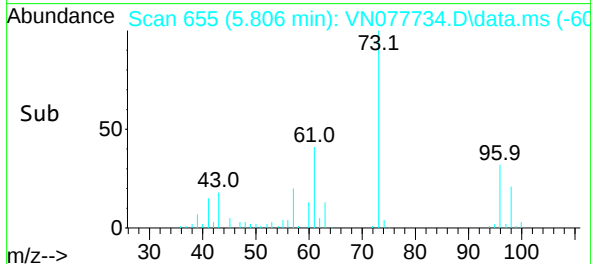
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



Tgt Ion: 73 Resp: 268198
Ion Ratio Lower Upper
73 100
57 21.2 15.6 23.4

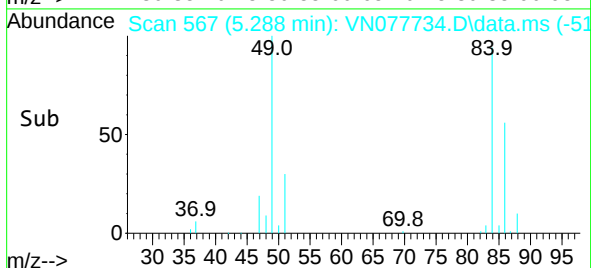
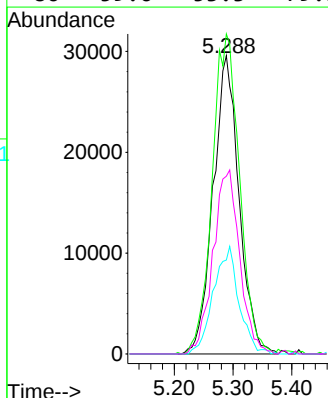
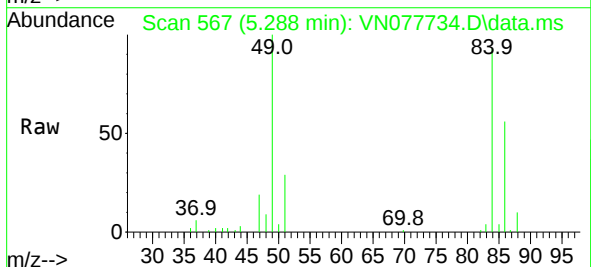
Manual Integrations
APPROVED

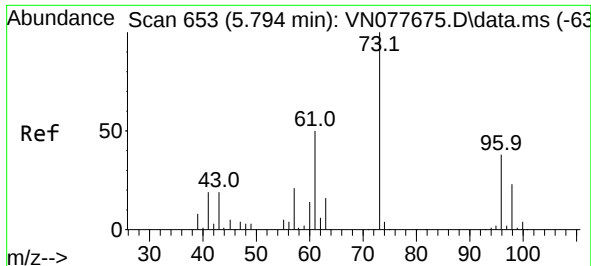
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#20
Methylene Chloride
Concen: 17.895 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

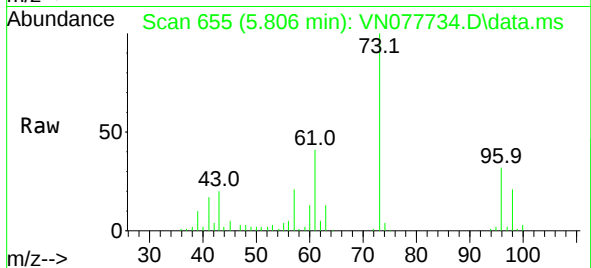
Tgt Ion: 84 Resp: 90610
Ion Ratio Lower Upper
84 100
49 106.8 79.7 119.5
51 31.5 25.2 37.8
86 59.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.027 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

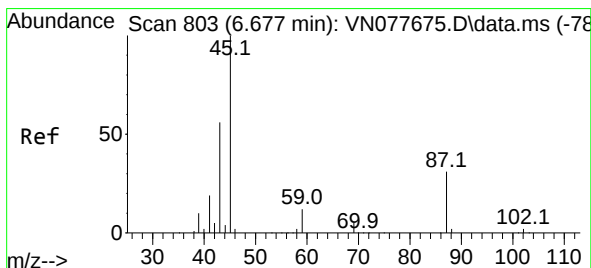
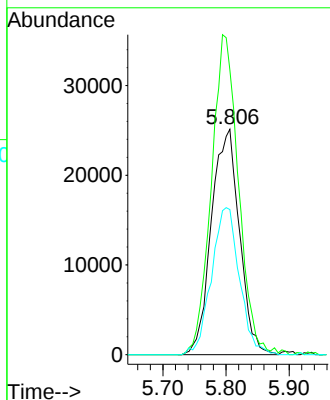
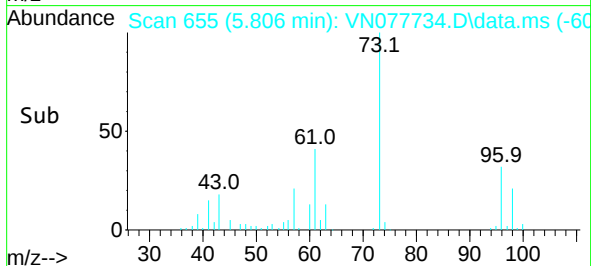
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



Tgt Ion: 96 Resp: 77632
Ion Ratio Lower Upper
96 100
61 126.3 90.1 135.1
98 64.4 46.4 69.6

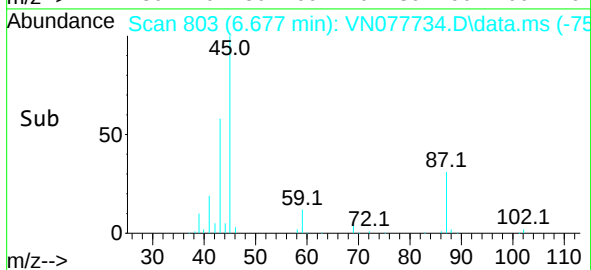
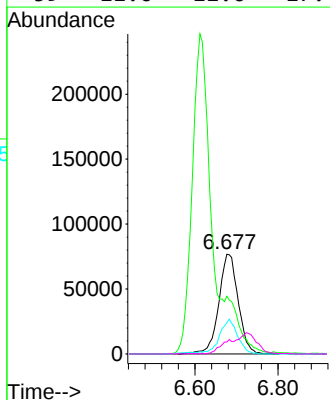
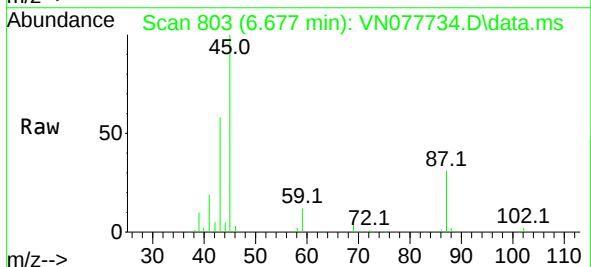
Manual Integrations
APPROVED

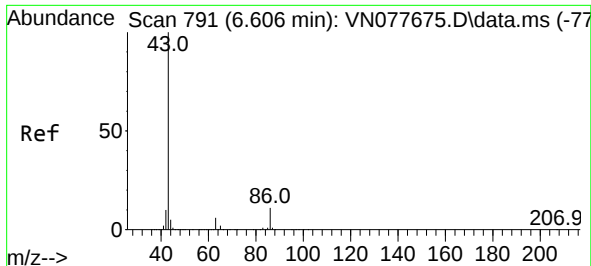
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#22
Diisopropyl ether
Concen: 17.811 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

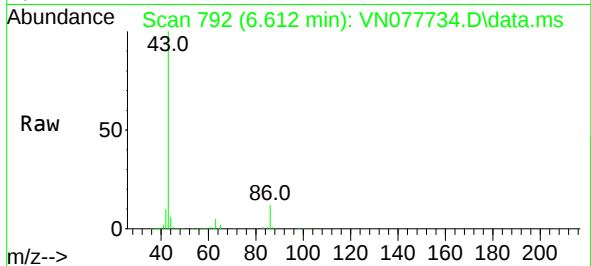
Tgt Ion: 45 Resp: 248933
Ion Ratio Lower Upper
45 100
43 56.8 45.5 68.3
87 31.2 31.8 47.8#
59 11.6 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 85.277 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077734.D
 Acq: 18 May 2023 14:21

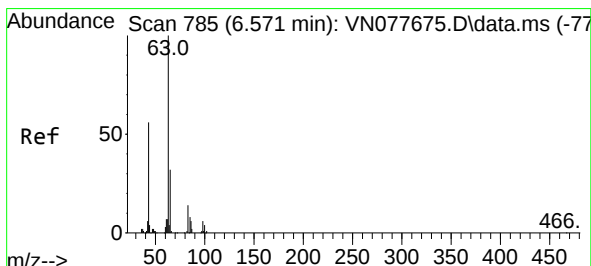
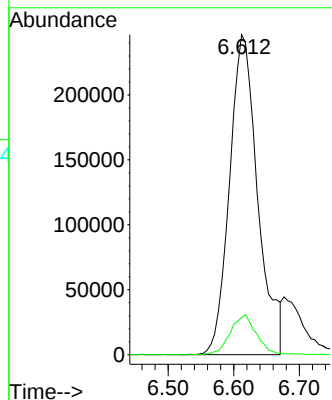
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBSD01



Tgt Ion: 43 Resp: 738439
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6

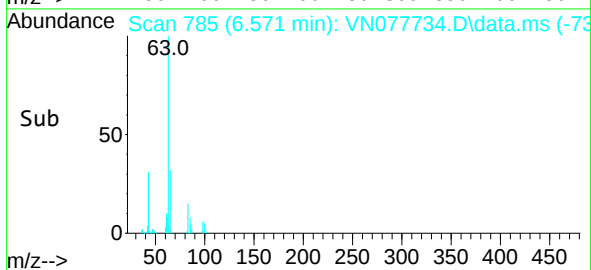
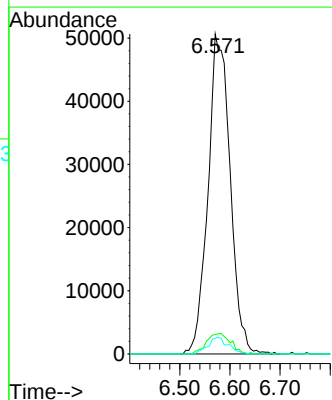
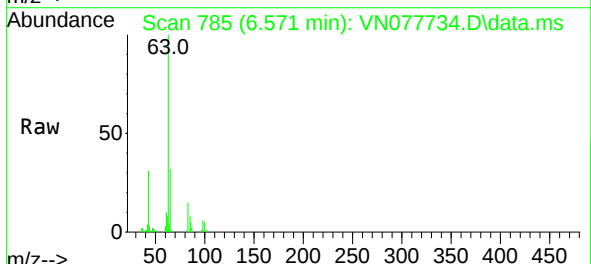
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



#24
 1,1-Dichloroethane
 Concen: 18.151 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN077734.D
 Acq: 18 May 2023 14:21

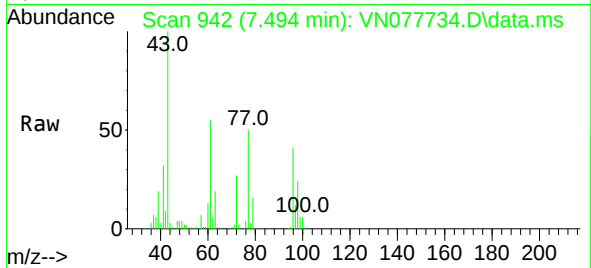
Tgt Ion: 63 Resp: 155417
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.9 11.7
 100 4.9 2.5 7.4





#25
2-Butanone
Concen: 83.660 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

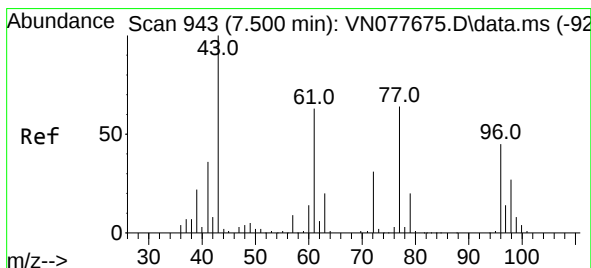
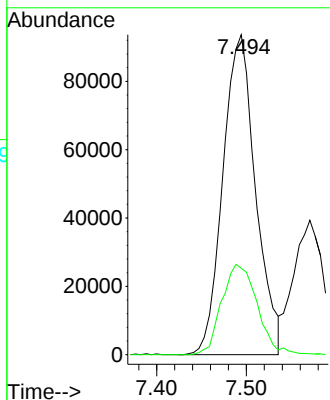
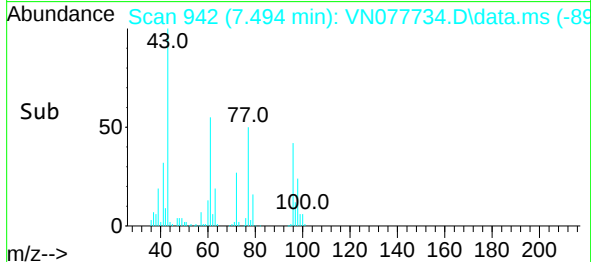
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



Tgt Ion: 43 Resp: 23774
Ion Ratio Lower Upper
43 100
72 27.1 30.2 45.2

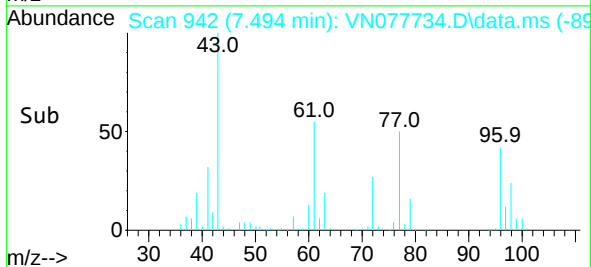
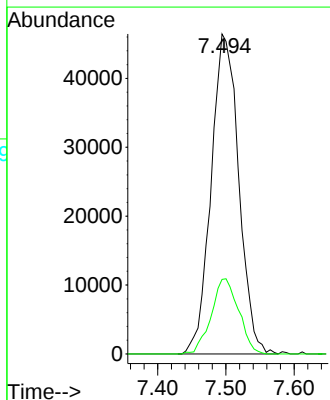
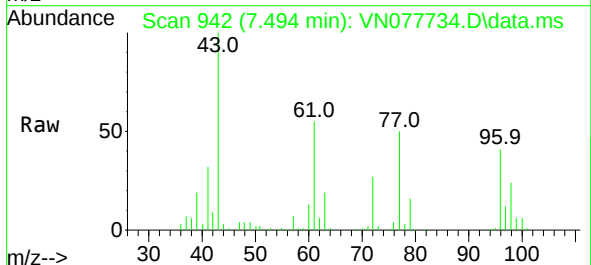
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#26
2,2-Dichloropropane
Concen: 18.013 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

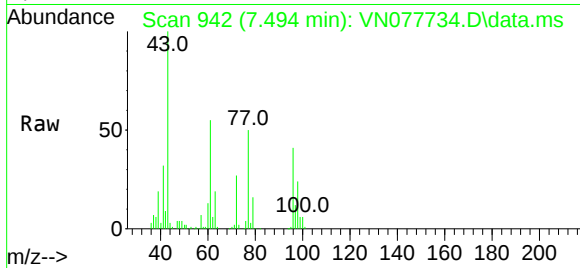
Tgt Ion: 77 Resp: 131036
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.699 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077734.D
 Acq: 18 May 2023 14:21

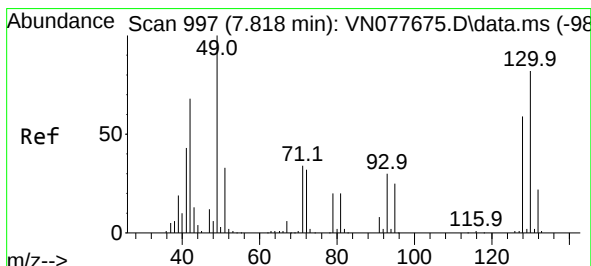
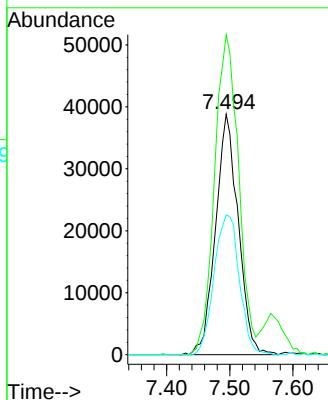
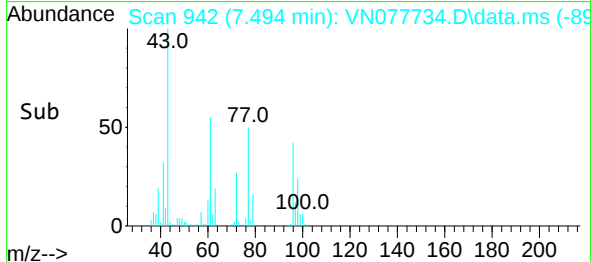
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBSD01



Tgt Ion: 96 Resp: 96759
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 255.2
 98 64.8 0.0 128.8

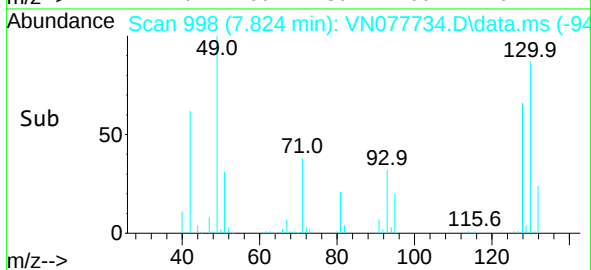
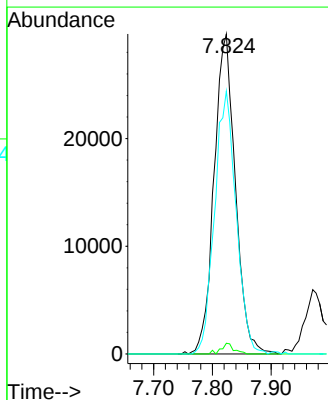
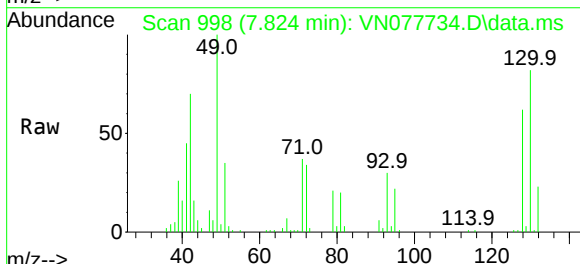
Manual Integrations
 APPROVED

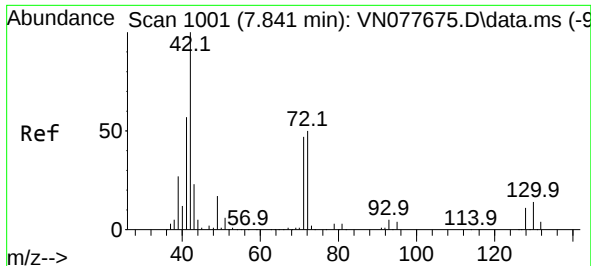
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



#28
 Bromochloromethane
 Concen: 20.180 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077734.D
 Acq: 18 May 2023 14:21

Tgt Ion: 49 Resp: 74727
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 83.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 79.621 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077734.D

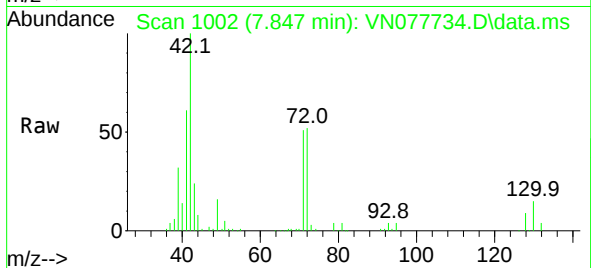
Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01



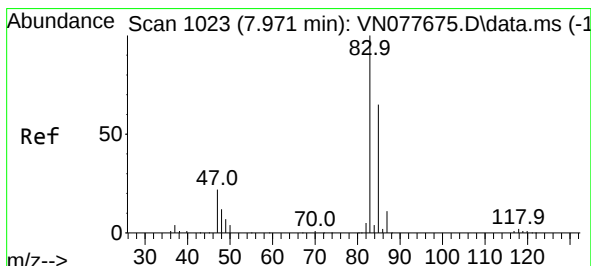
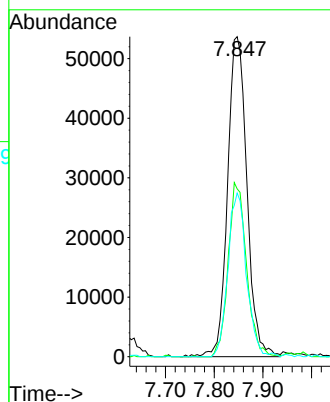
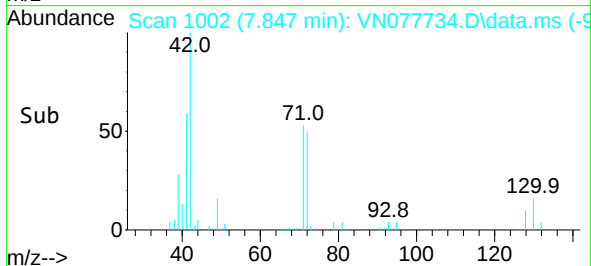
Tgt Ion:	42	Resp:	14815
Ion Ratio	Lower	Upper	
42	100		
72	51.6	49.8	74.6
71	48.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#30

Chloroform

Concen: 18.148 ug/l

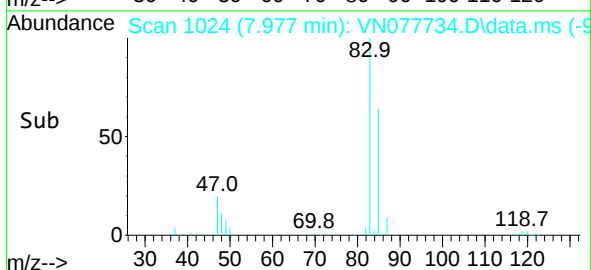
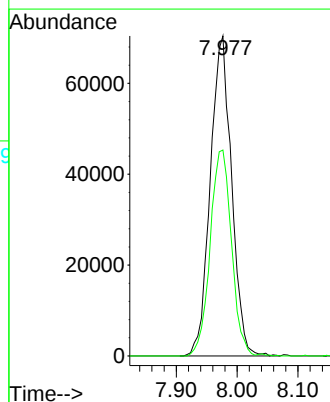
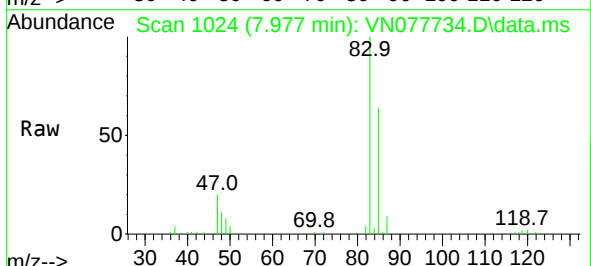
RT: 7.977 min Scan# 1024

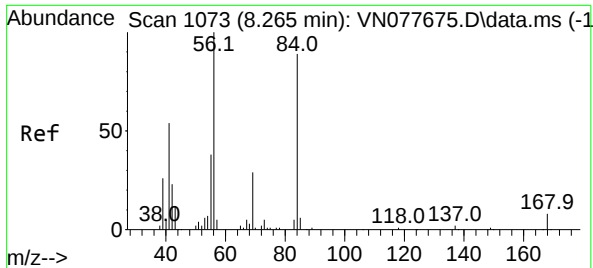
Delta R.T. 0.006 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

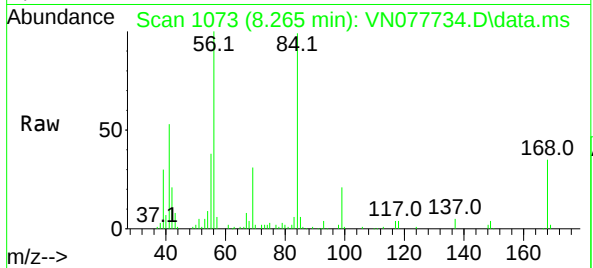
Tgt Ion:	83	Resp:	170938
Ion Ratio	Lower	Upper	
83	100		
85	64.3	55.4	83.0





#31
Cyclohexane
Concen: 17.099 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

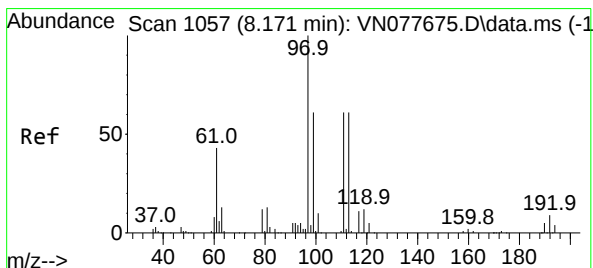
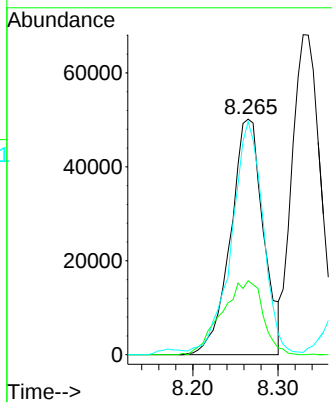
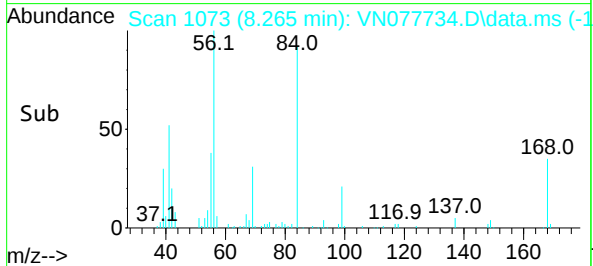
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



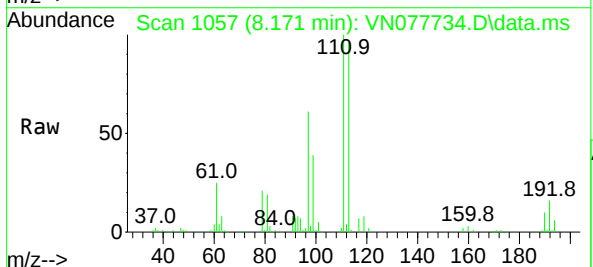
Tgt Ion: 56 Resp: 13419
Ion Ratio Lower Upper
56 100
69 31.4 26.8 40.2
84 96.9 81.8 122.6

Manual Integrations
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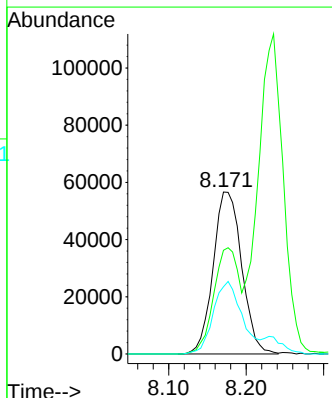
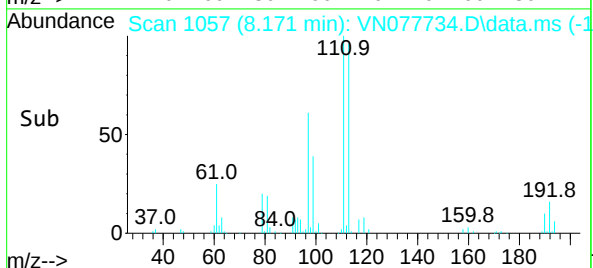
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

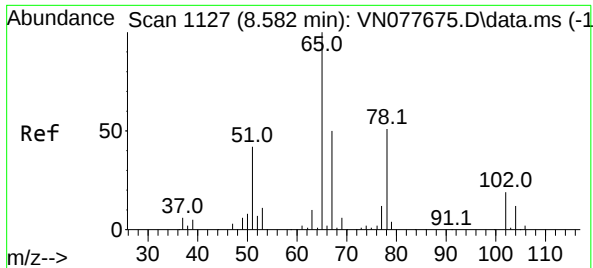


#32
1,1,1-Trichloroethane
Concen: 18.117 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21



Tgt Ion: 97 Resp: 145078
Ion Ratio Lower Upper
97 100
99 58.1 50.3 75.5
61 45.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.285 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

Tgt Ion: 65 Resp: 273029

Ion Ratio Lower Upper

65 100

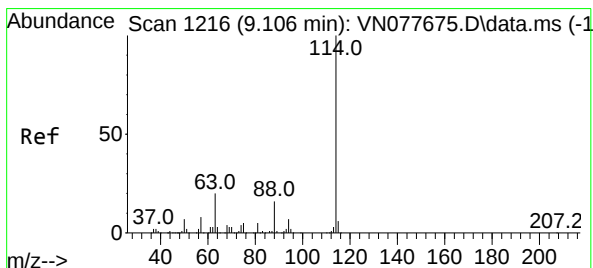
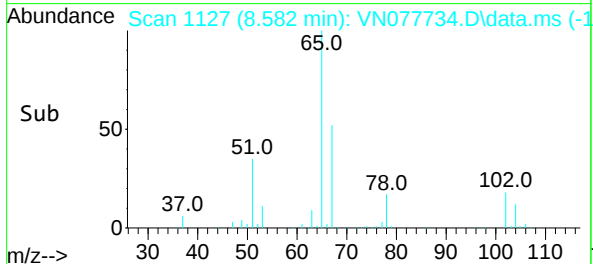
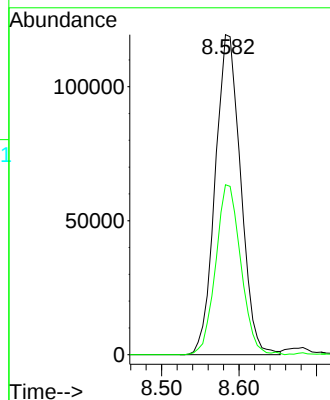
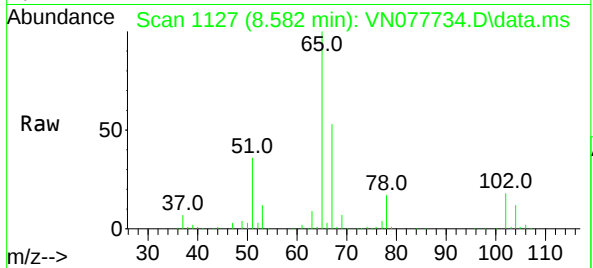
67 52.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

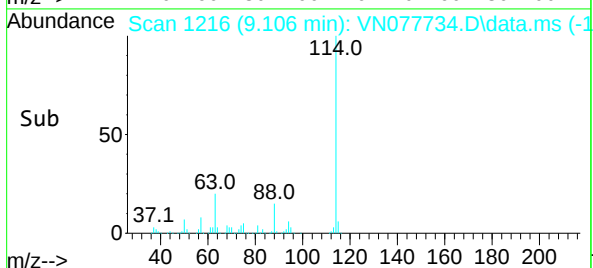
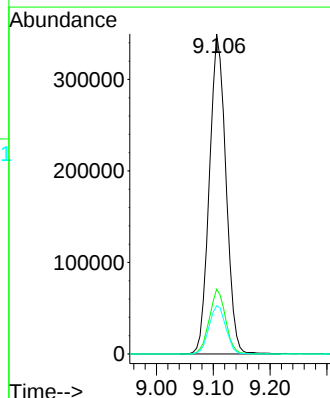
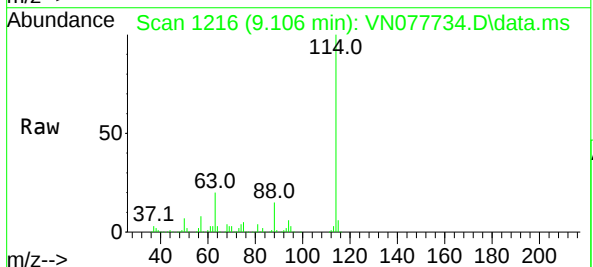
Tgt Ion:114 Resp: 705651

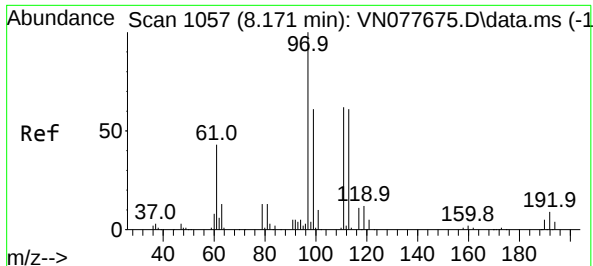
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.410 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077734.D

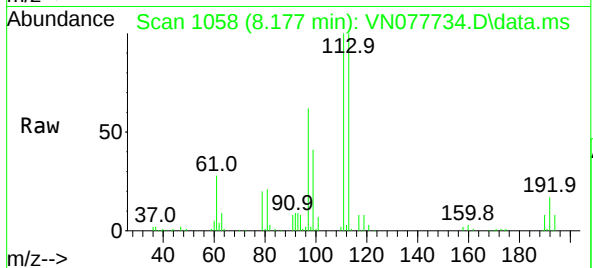
Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01



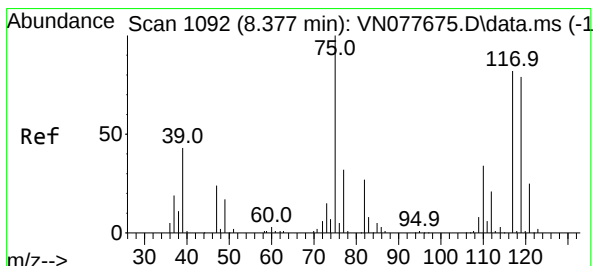
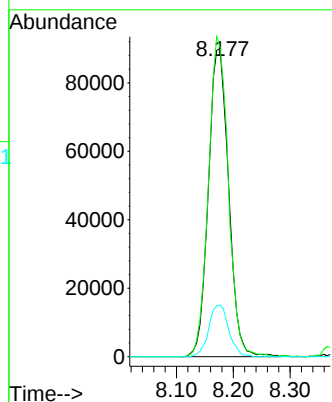
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	16.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#36

1,1-Dichloropropene

Concen: 17.637 ug/l

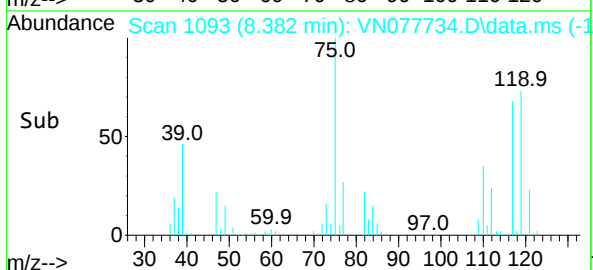
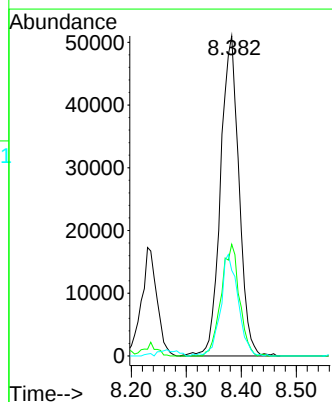
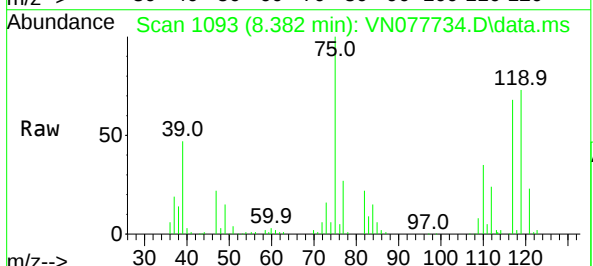
RT: 8.382 min Scan# 1093

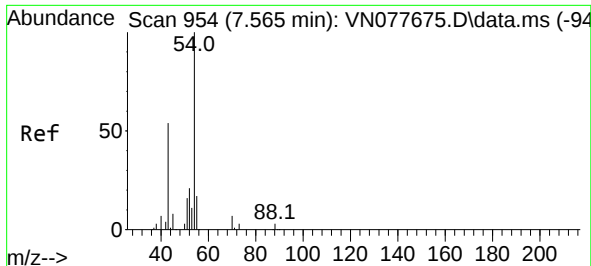
Delta R.T. 0.005 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	19.1	57.3
77	30.3	25.0	37.4





#37

Ethyl Acetate

Concen: 16.068 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

Tgt Ion: 43 Resp: 9639

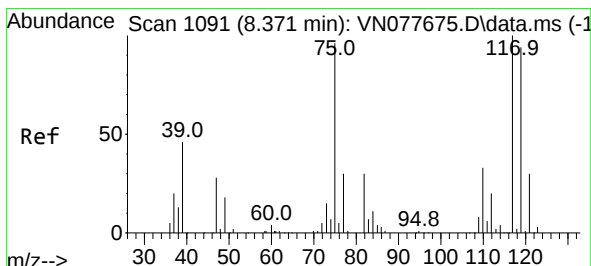
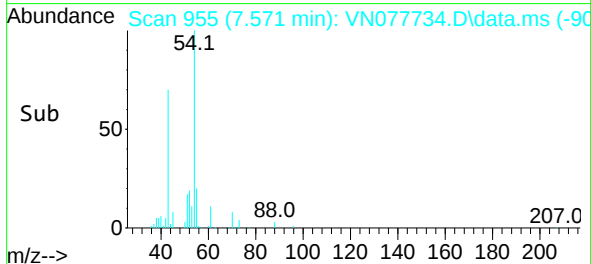
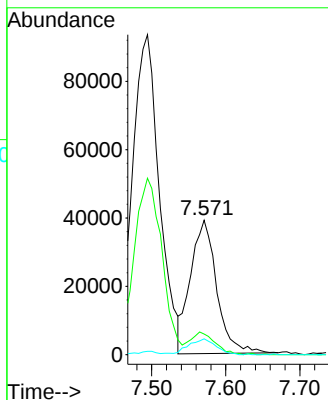
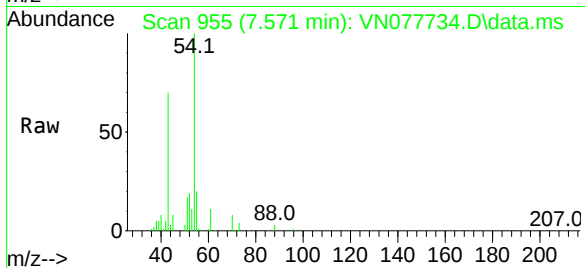
Ion	Ratio	Lower	Upper
43	100		
61	15.9	13.2	19.8
70	12.4	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#38

Carbon Tetrachloride

Concen: 18.134 ug/l

RT: 8.371 min Scan# 1091

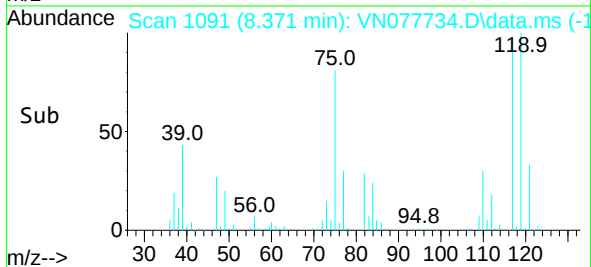
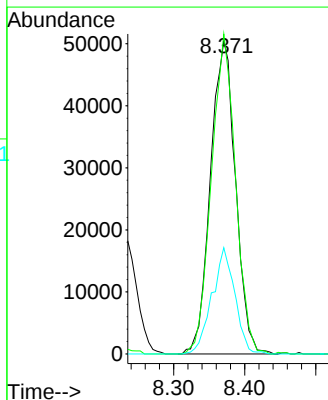
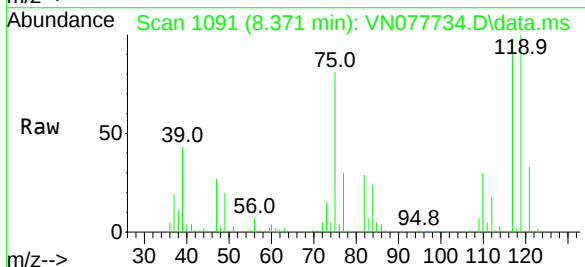
Delta R.T. -0.000 min

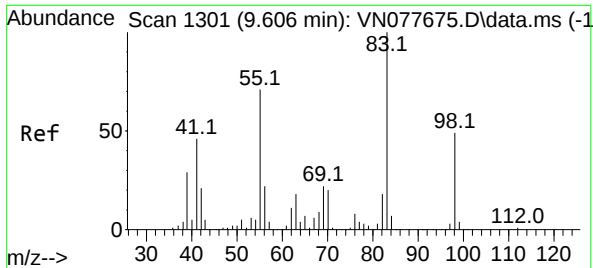
Lab File: VN077734.D

Acq: 18 May 2023 14:21

Tgt Ion: 117 Resp: 123245

Ion	Ratio	Lower	Upper
117	100		
119	102.3	77.3	115.9
121	33.9	23.3	34.9





#39

Methylcyclohexane

Concen: 17.749 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

Tgt Ion: 83 Resp: 146249

Ion Ratio Lower Upper

83 100

55 68.6 49.1 73.7

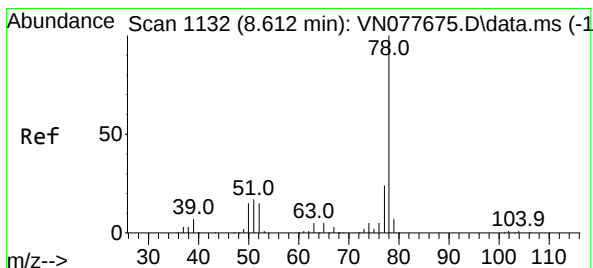
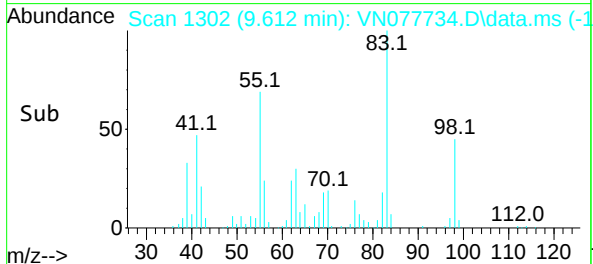
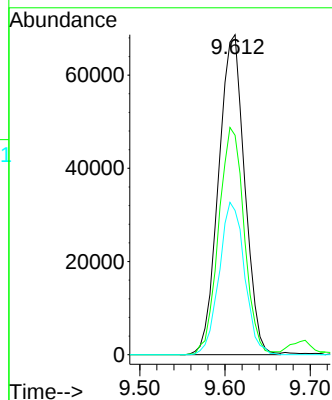
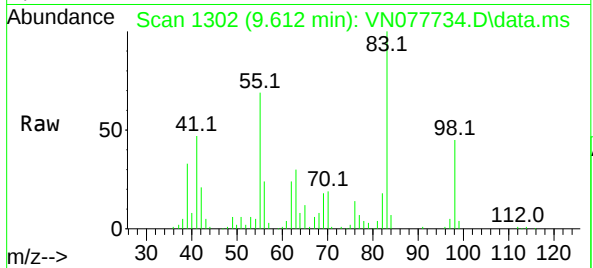
98 45.1 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#40

Benzene

Concen: 18.116 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077734.D

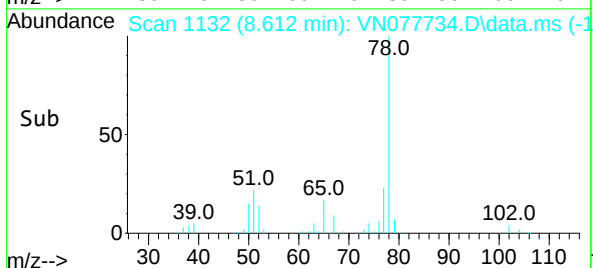
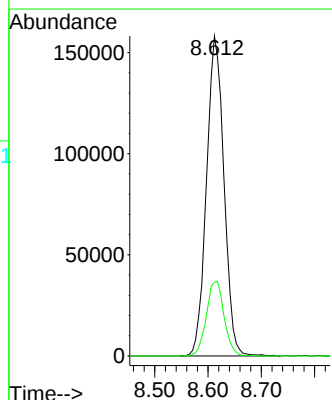
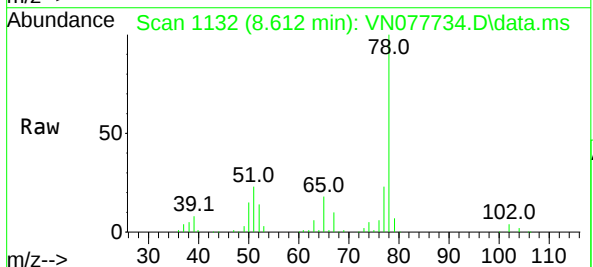
Acq: 18 May 2023 14:21

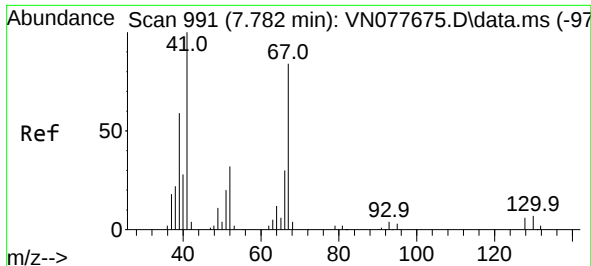
Tgt Ion: 78 Resp: 359812

Ion Ratio Lower Upper

78 100

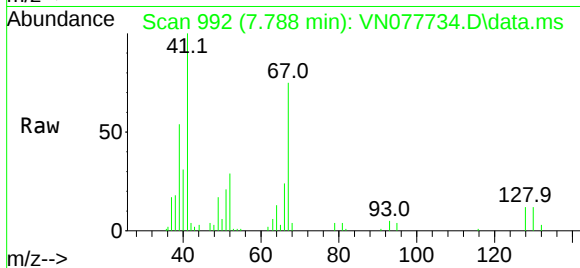
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 16.646 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

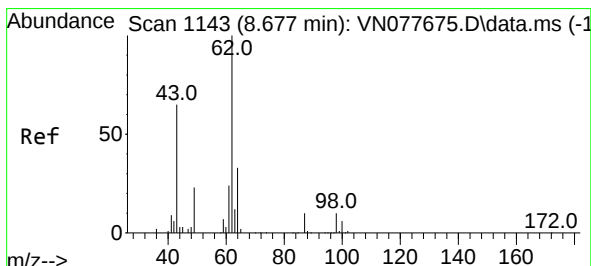
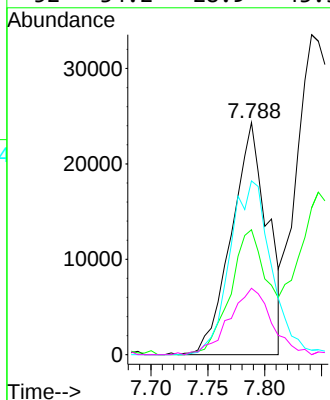
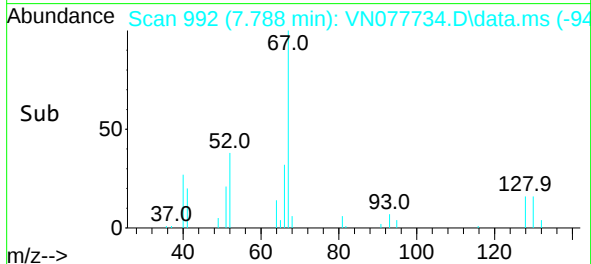
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



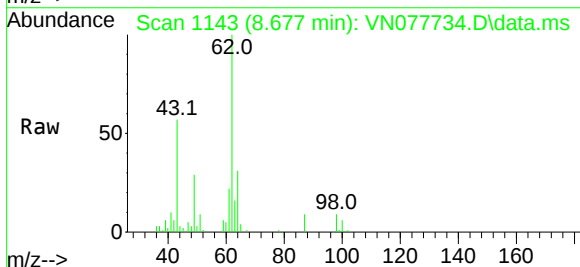
Tgt Ion: 41 Resp: 53178
Ion Ratio Lower Upper
41 100
39 56.7 42.6 64.0
67 87.4 77.5 116.3
52 34.2 28.9 43.3

Manual Integrations
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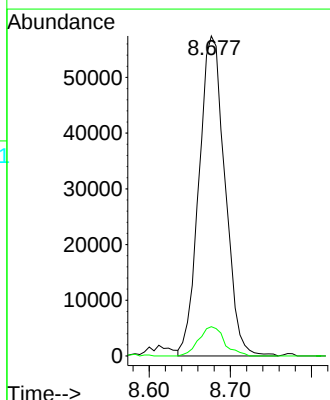
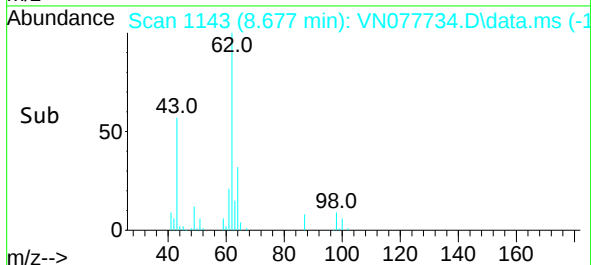
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

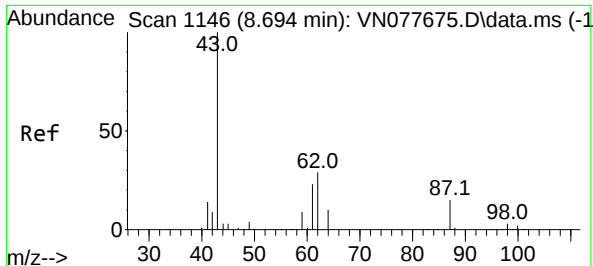


#42
1,2-Dichloroethane
Concen: 17.708 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21



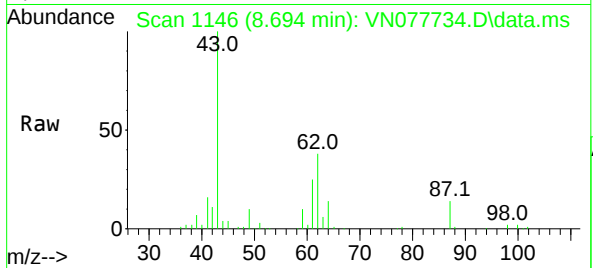
Tgt Ion: 62 Resp: 127755
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 16.909 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

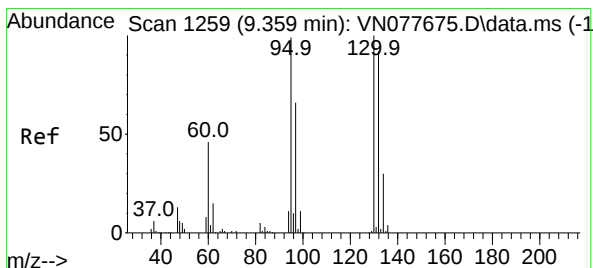
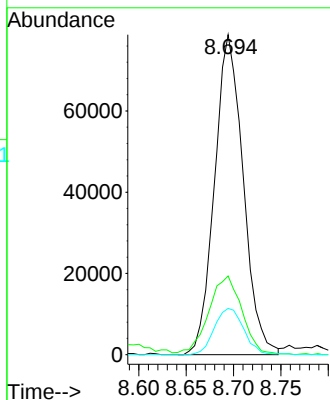
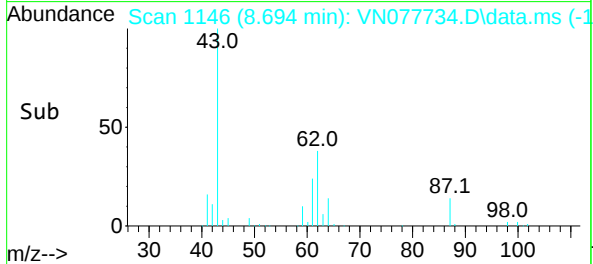
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



Tgt Ion: 43 Resp: 16568
Ion Ratio Lower Upper
43 100
61 28.7 24.7 37.1
87 14.9 14.6 21.8

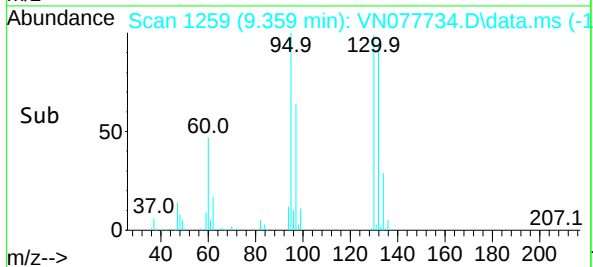
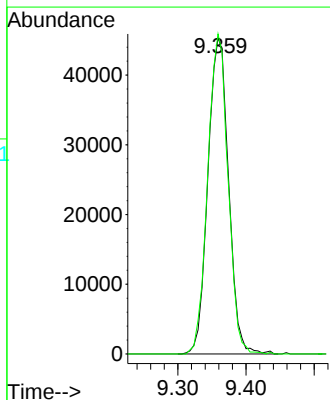
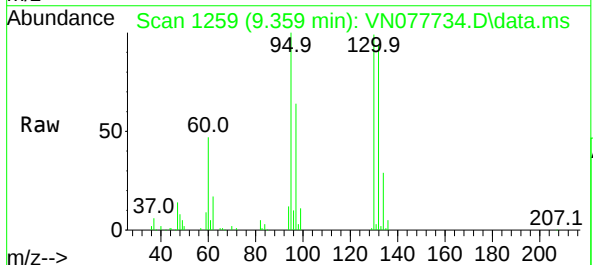
Manual Integrations
APPROVED

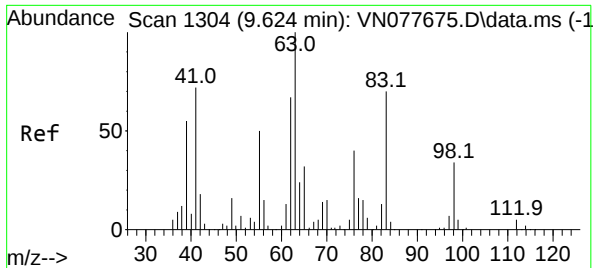
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#44
Trichloroethene
Concen: 19.026 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion:130 Resp: 95681
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.249 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

Tgt Ion: 63 Resp: 9244

Ion Ratio Lower Upper

63 100

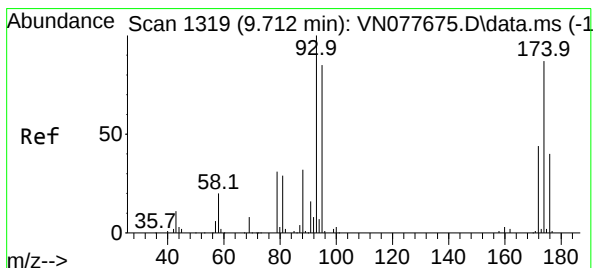
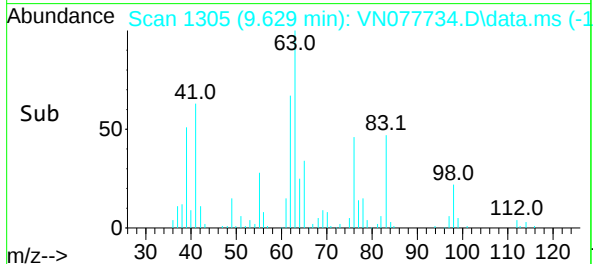
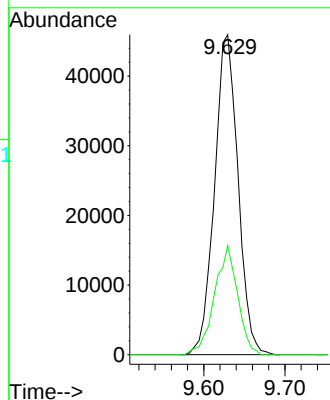
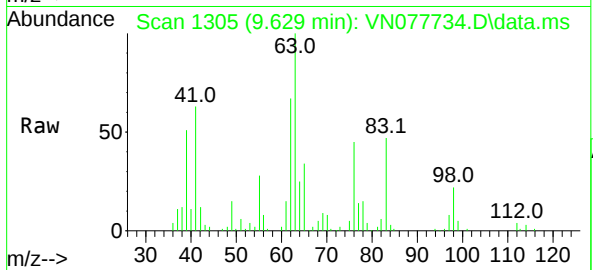
65 34.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#46

Dibromomethane

Concen: 18.682 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

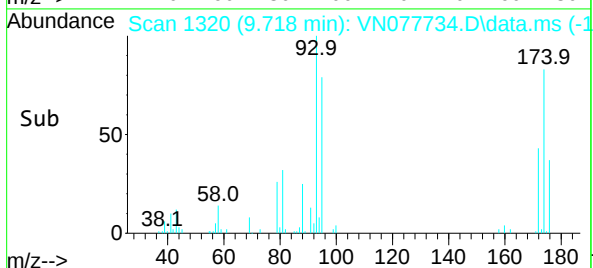
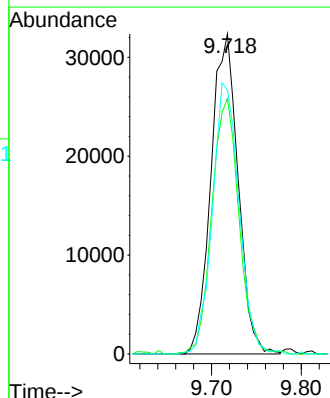
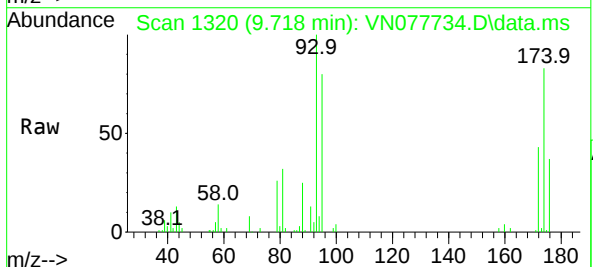
Tgt Ion: 93 Resp: 67724

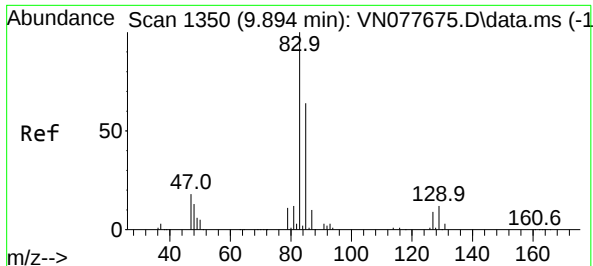
Ion Ratio Lower Upper

93 100

95 80.0 63.8 95.8

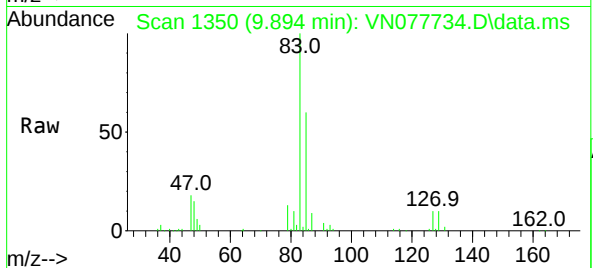
174 83.5 65.6 98.4





#47
Bromodichloromethane
Concen: 19.048 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

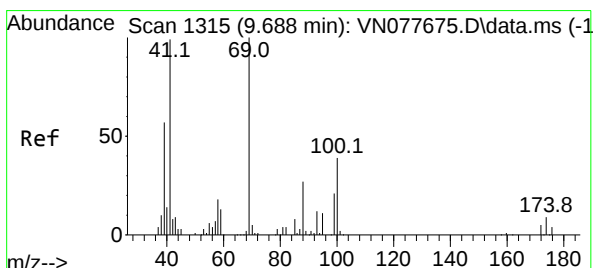
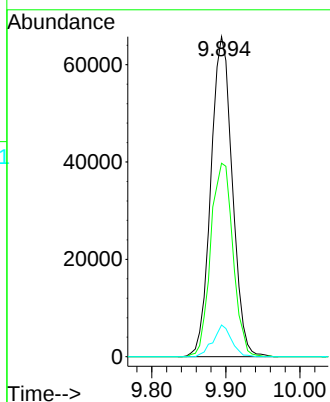
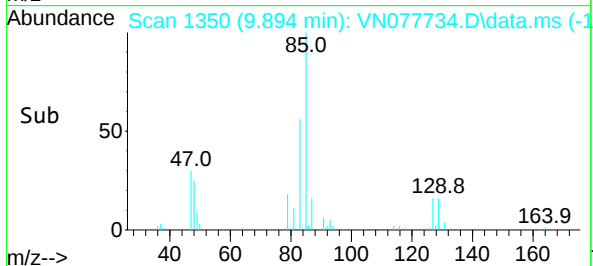
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



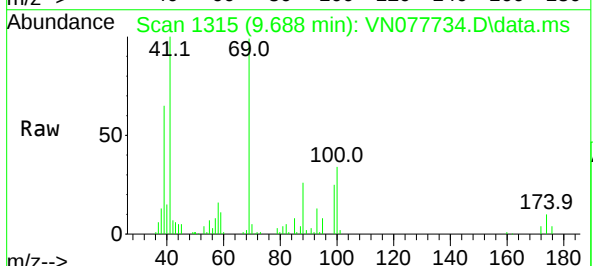
Tgt Ion: 83 Resp: 13219
Ion Ratio Lower Upper
83 100
85 60.5 49.6 74.4
127 9.9 7.0 10.6

Manual Integrations
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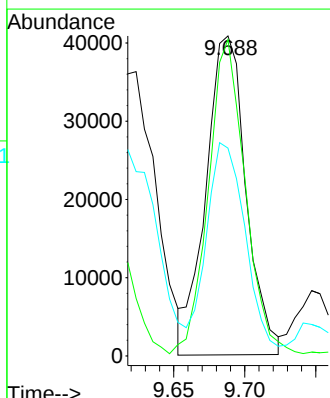
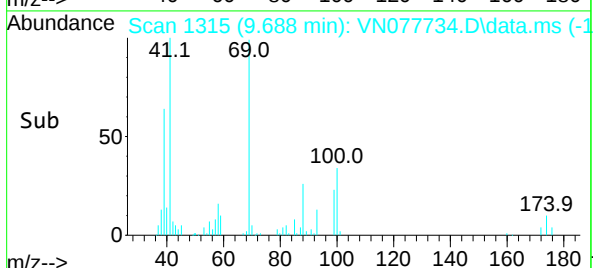
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

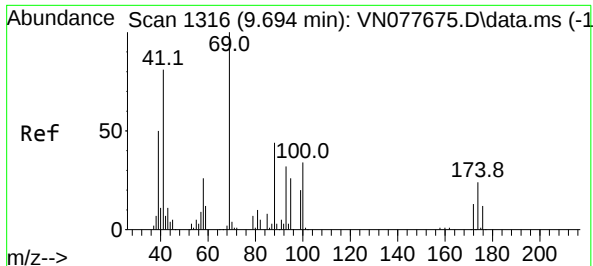


#48
Methyl methacrylate
Concen: 17.261 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21



Tgt Ion: 41 Resp: 80188
Ion Ratio Lower Upper
41 100
69 90.3 90.4 135.6#
39 65.2 54.6 81.8





#49

1,4-Dioxane

Concen: 356.732 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

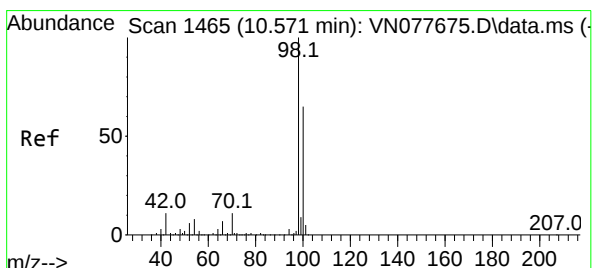
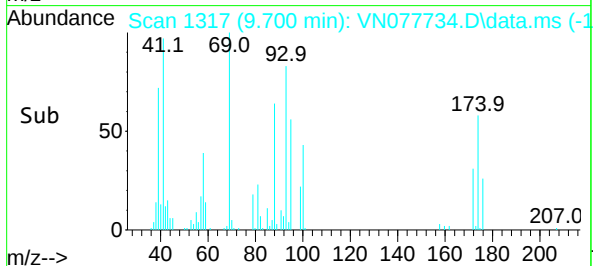
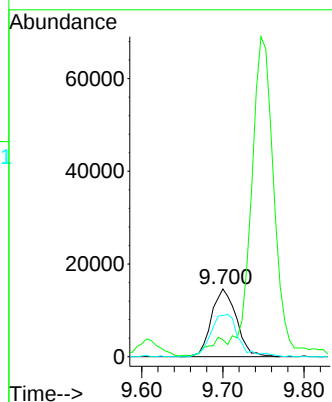
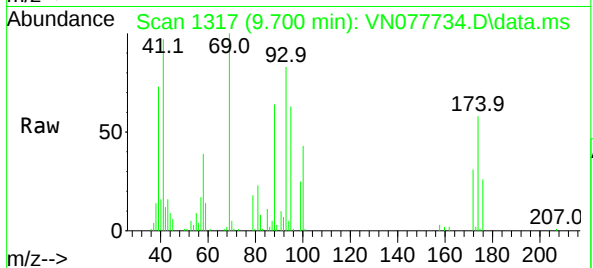
Tgt Ion: 88	Resp: 3130
Ion Ratio	Lower Upper
88 100	
43 19.3	17.0 25.6
58 68.5	47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#50

Toluene-d8

Concen: 47.479 ug/l

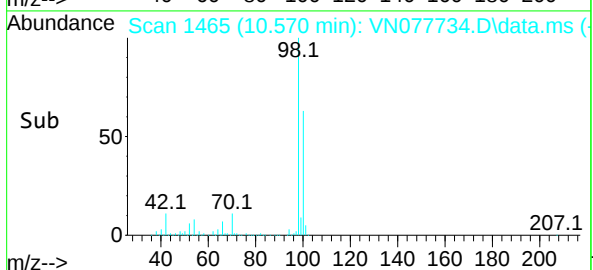
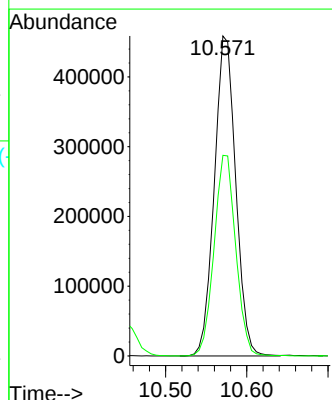
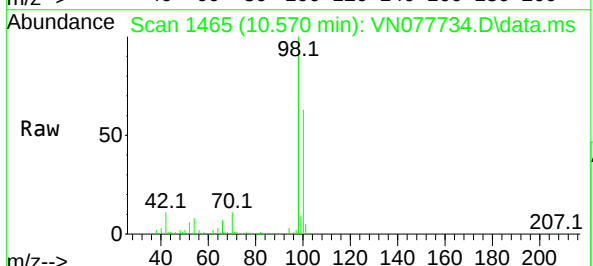
RT: 10.570 min Scan# 1465

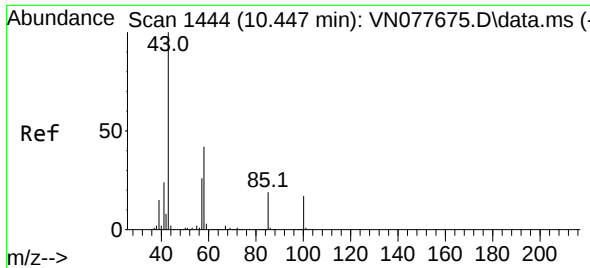
Delta R.T. -0.001 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

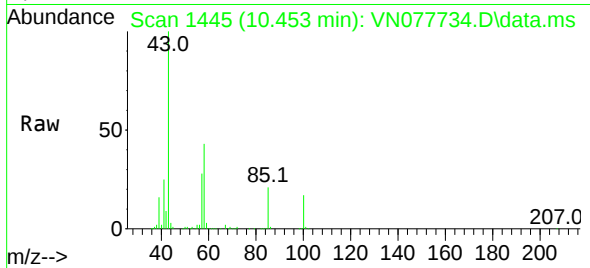
Tgt Ion: 98	Resp: 840916
Ion Ratio	Lower Upper
98 100	
100 63.4	52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 85.418 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

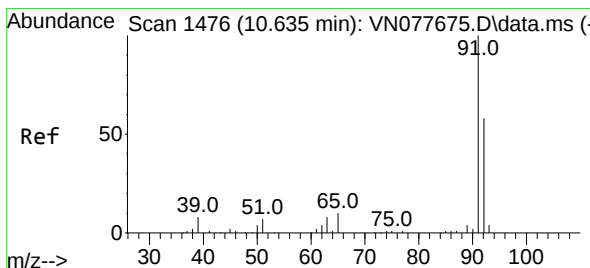
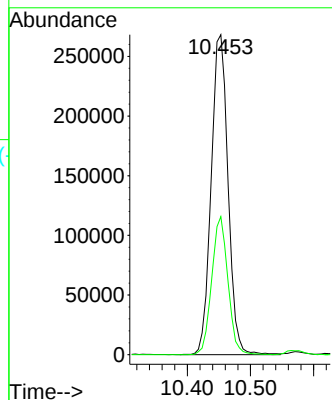
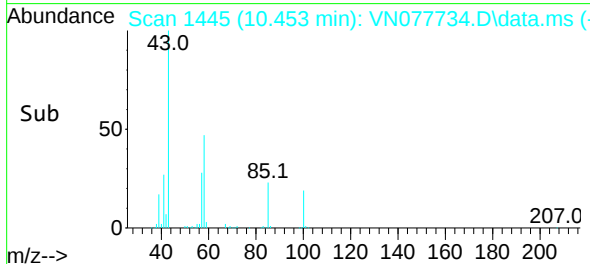
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



Tgt Ion: 43 Resp: 49750
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

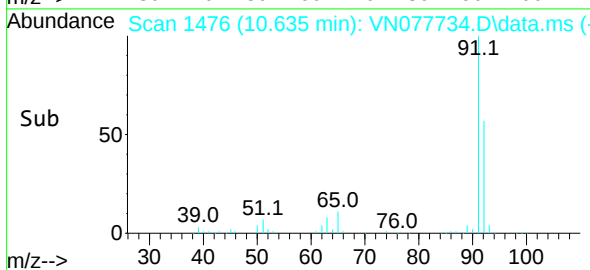
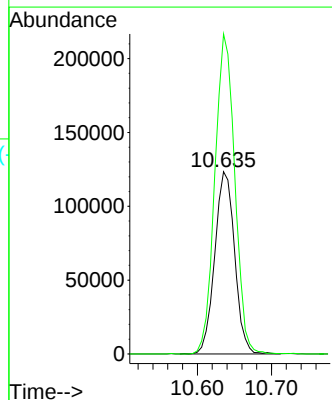
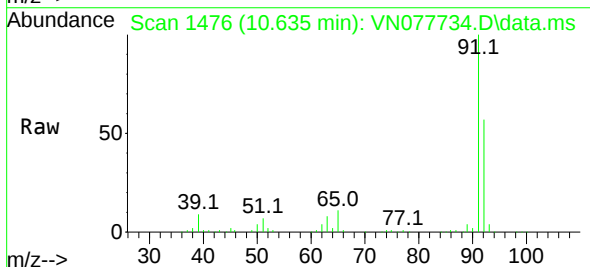
Manual Integrations
APPROVED

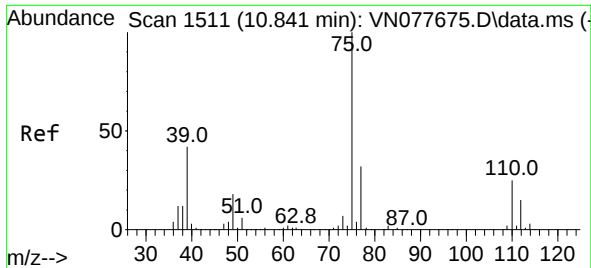
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#52
Toluene
Concen: 18.584 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

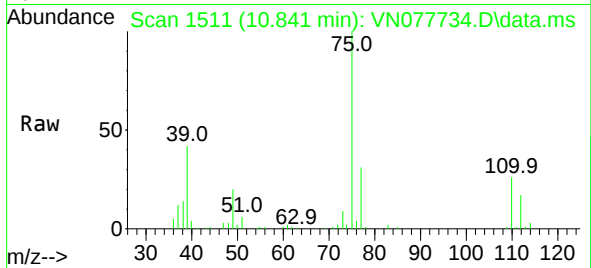
Tgt Ion: 92 Resp: 229782
Ion Ratio Lower Upper
92 100
91 176.2 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 18.058 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077734.D
 Acq: 18 May 2023 14:21

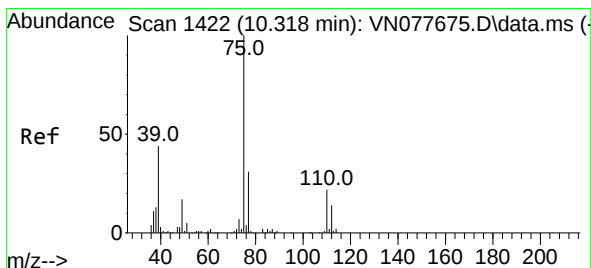
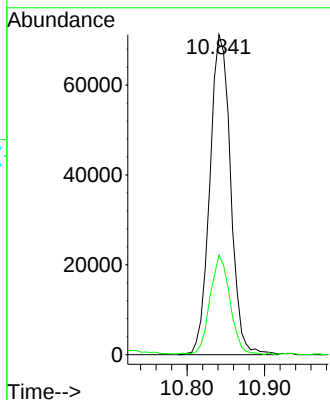
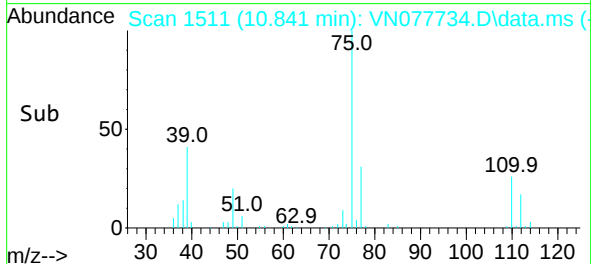
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBSD01



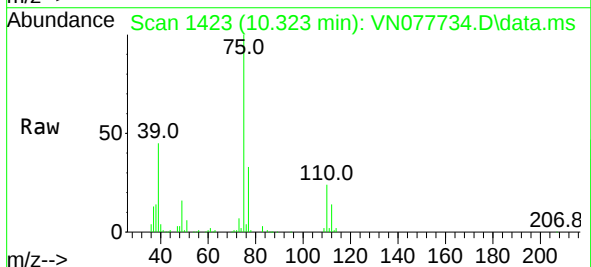
Tgt Ion: 75 Resp: 13271
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0

Manual Integrations
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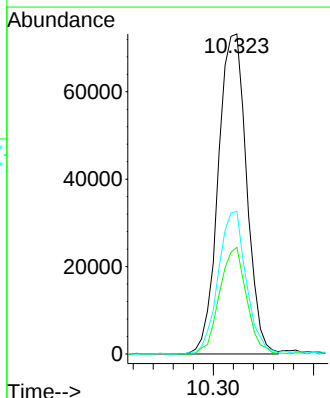
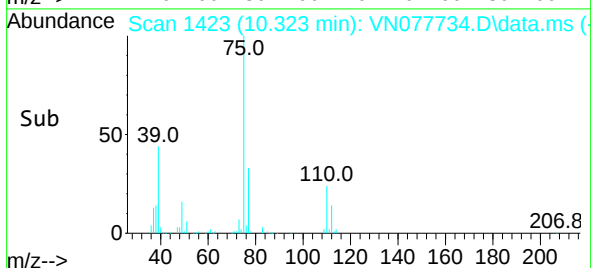
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

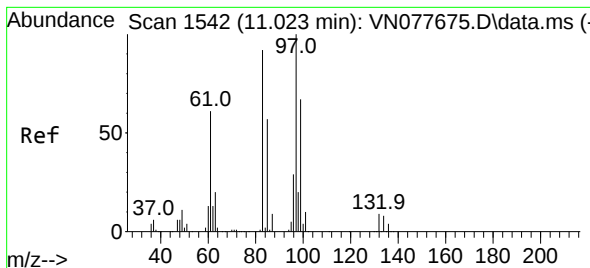


#54
 cis-1,3-Dichloropropene
 Concen: 17.737 ug/l
 RT: 10.323 min Scan# 1423
 Delta R.T. 0.005 min
 Lab File: VN077734.D
 Acq: 18 May 2023 14:21



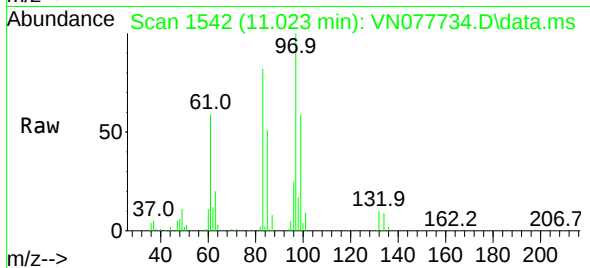
Tgt Ion: 75 Resp: 143651
 Ion Ratio Lower Upper
 75 100
 77 33.4 26.1 39.1
 39 44.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 18.290 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

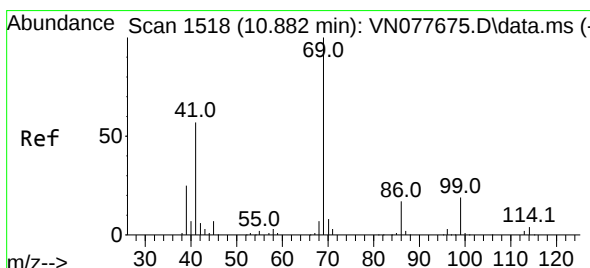
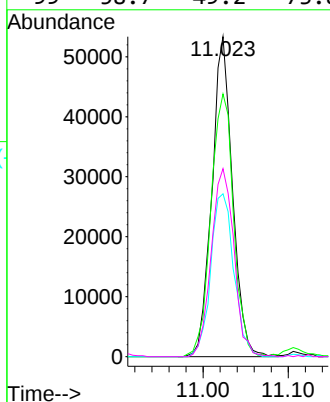
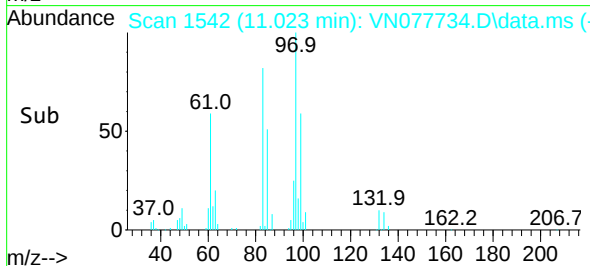
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



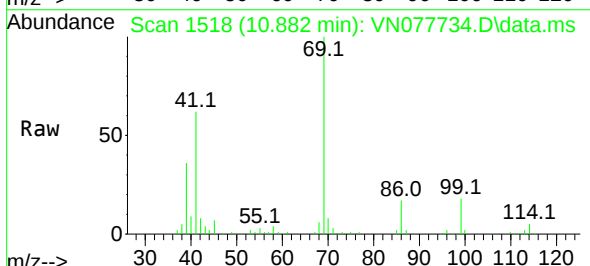
Tgt Ion:	97	Resp:	8979
Ion Ratio	100	Lower	Upper
97	100		
83	82.1	65.1	97.7
85	50.9	43.4	65.2
99	58.7	49.2	73.8

Manual Integrations
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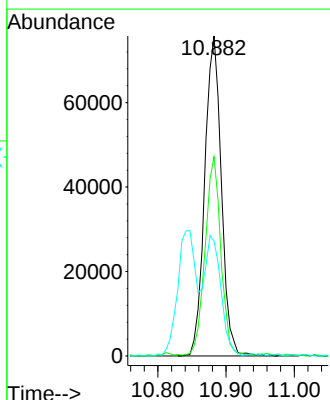
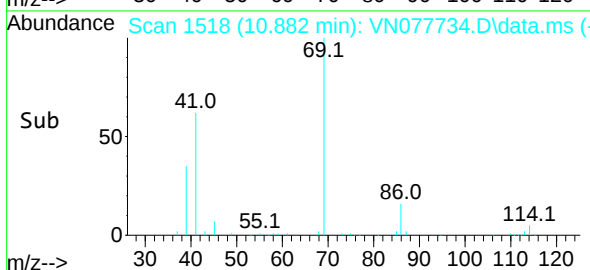
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

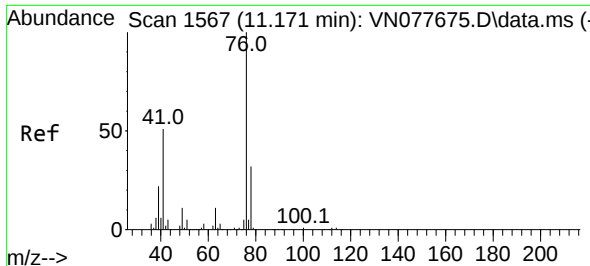


#56
Ethyl methacrylate
Concen: 17.316 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21



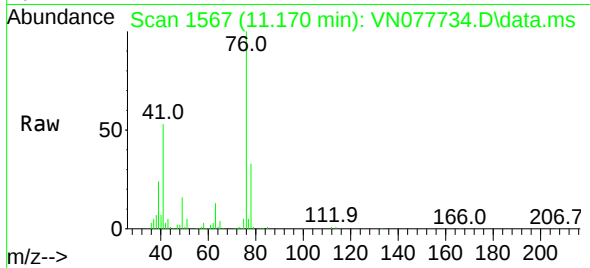
Tgt Ion:	69	Resp:	128537
Ion Ratio	100	Lower	Upper
69	100		
41	58.7	39.6	59.4
39	38.2	28.6	43.0





#57
1,3-Dichloropropane
Concen: 18.248 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

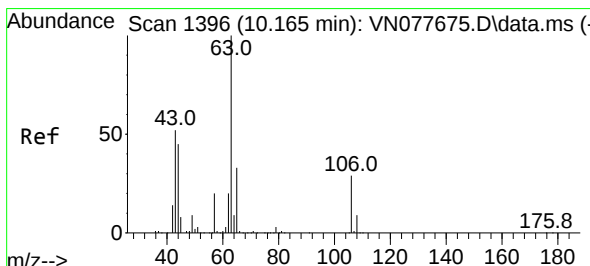
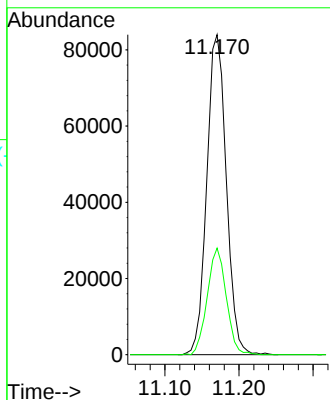
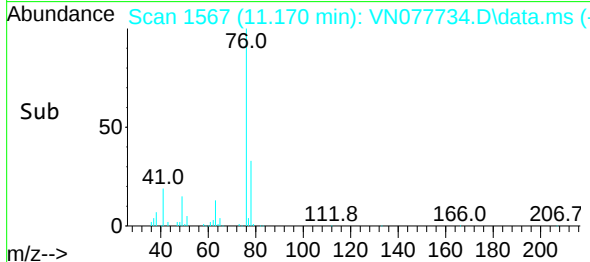
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



Tgt Ion: 76 Resp: 153580
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

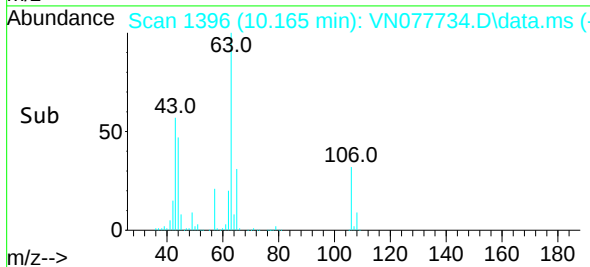
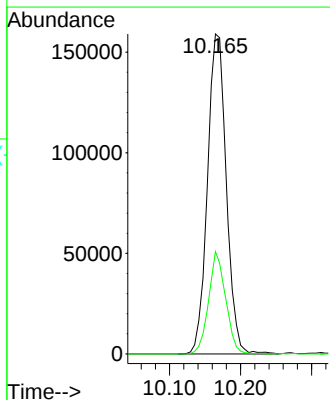
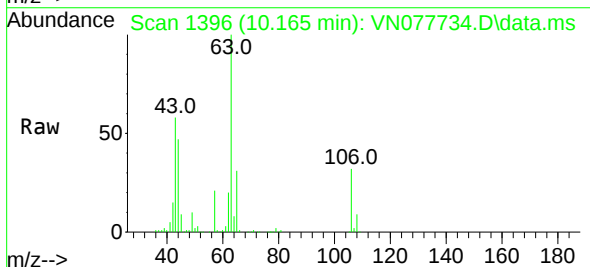
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#58
2-Chloroethyl Vinyl ether
Concen: 80.297 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

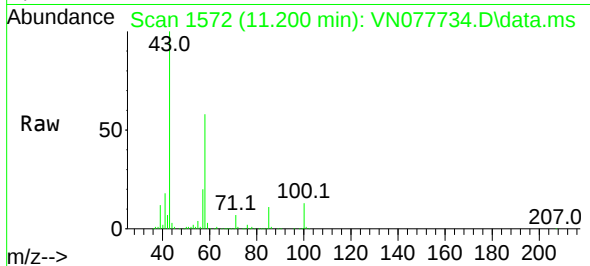
Tgt Ion: 63 Resp: 293234
Ion Ratio Lower Upper
63 100
106 28.8 26.2 39.4





#59
2-Hexanone
Concen: 81.304 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

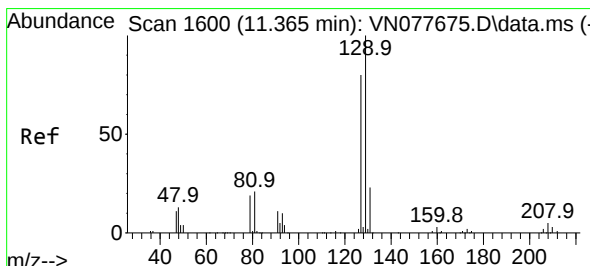
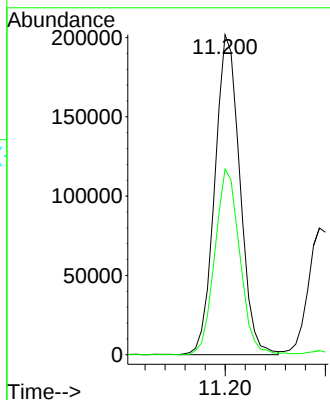
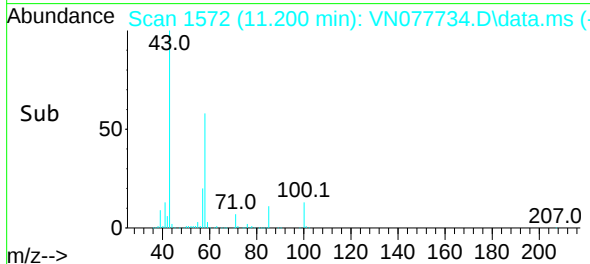
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



Tgt Ion: 43 Resp: 350258
Ion Ratio Lower Upper
43 100
58 57.9 31.7 95.1

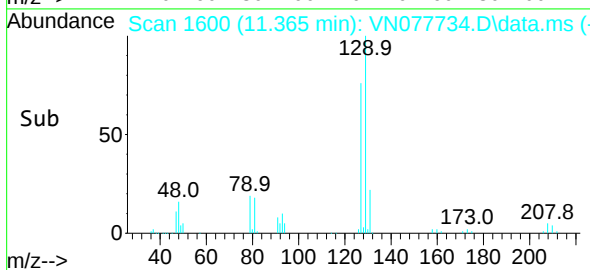
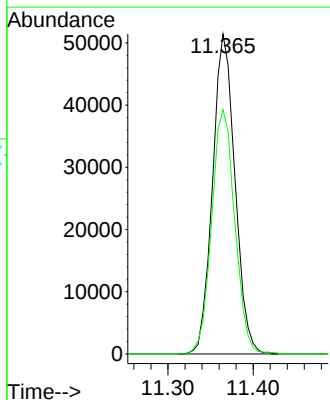
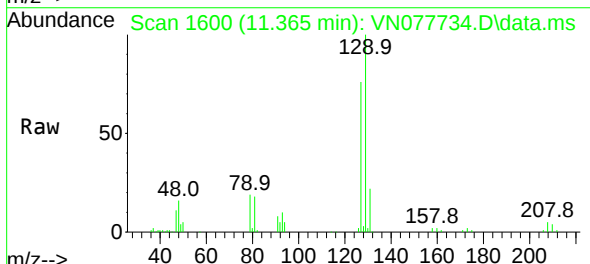
Manual Integrations
APPROVED

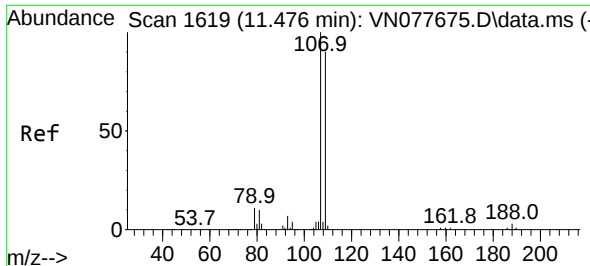
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#60
Dibromochloromethane
Concen: 18.488 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

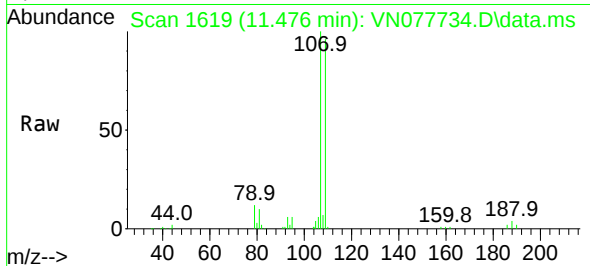
Tgt Ion:129 Resp: 93700
Ion Ratio Lower Upper
129 100
127 79.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.223 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

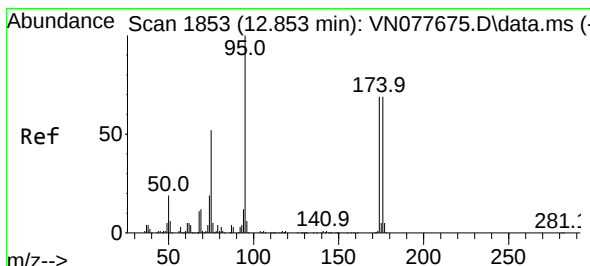
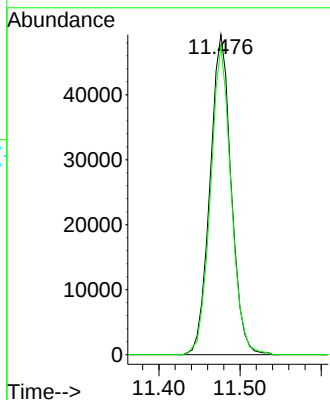
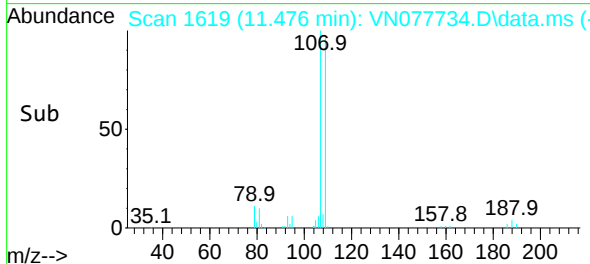
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



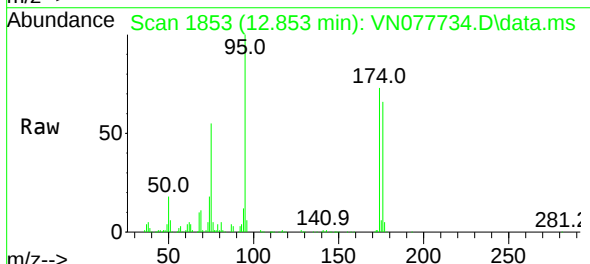
Tgt Ion: 107 Resp: 89250
Ion Ratio Lower Upper
107 100
109 94.0 76.6 114.8

Manual Integrations
APPROVED

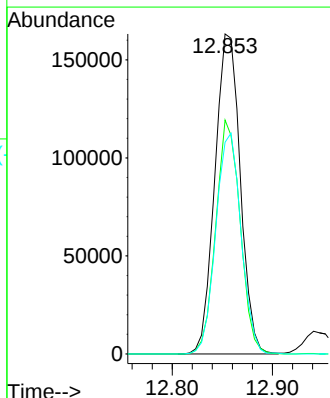
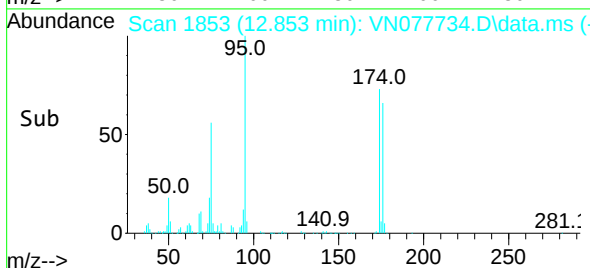
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

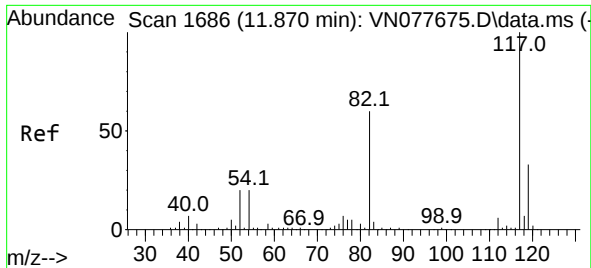


#62
4-Bromofluorobenzene
Concen: 45.862 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21



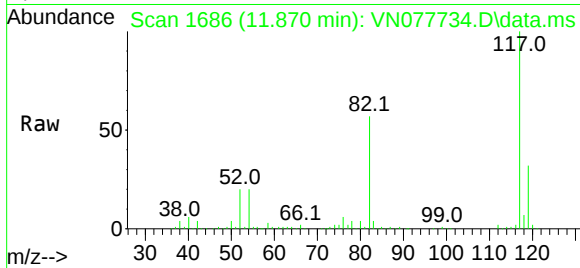
Tgt Ion: 95 Resp: 286882
Ion Ratio Lower Upper
95 100
174 69.9 0.0 143.8
176 68.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

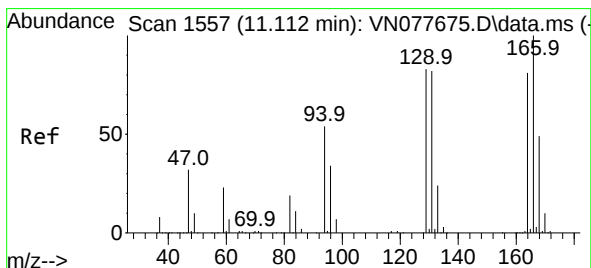
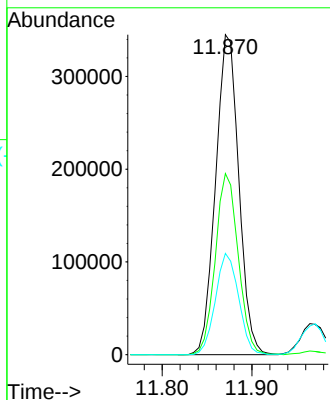
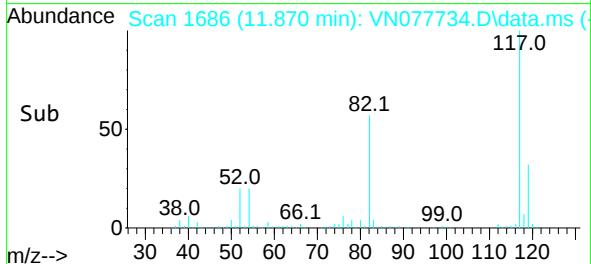
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



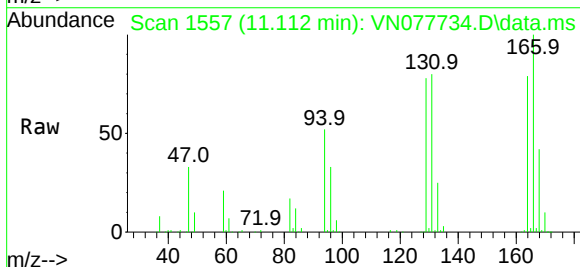
Tgt Ion:117 Resp: 61988
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 31.7 25.6 38.4

Manual Integrations
APPROVED

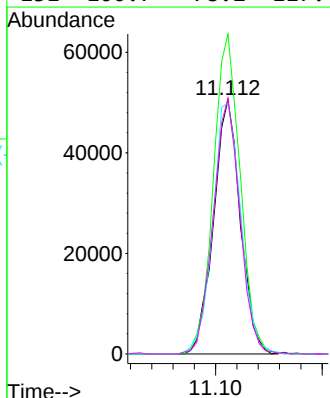
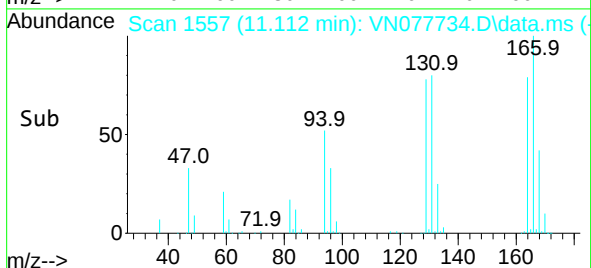
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

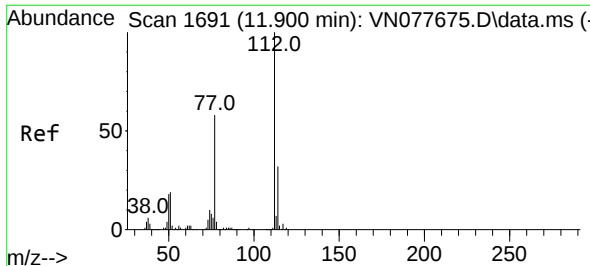


#64
Tetrachloroethene
Concen: 20.273 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21



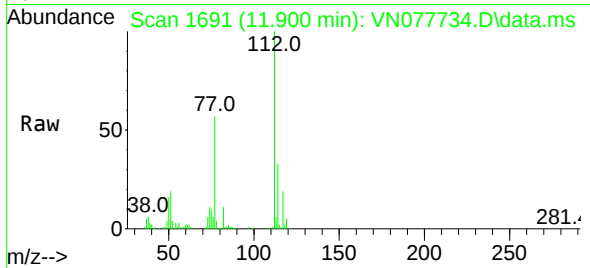
Tgt Ion:164 Resp: 87882
Ion Ratio Lower Upper
164 100
166 126.0 101.4 152.0
129 98.8 82.4 123.6
131 100.7 78.2 117.4





#65
Chlorobenzene
Concen: 18.173 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

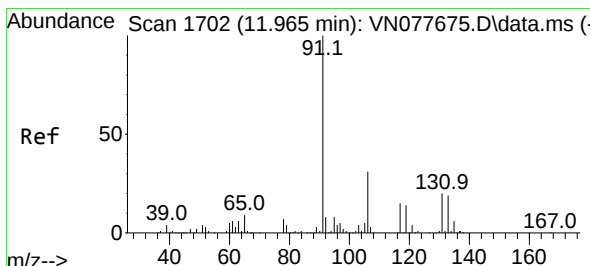
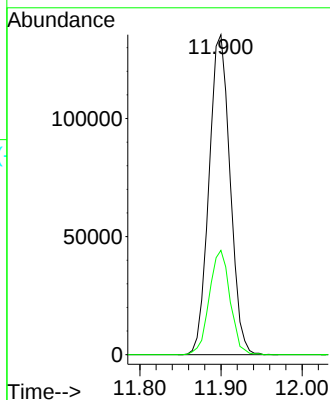
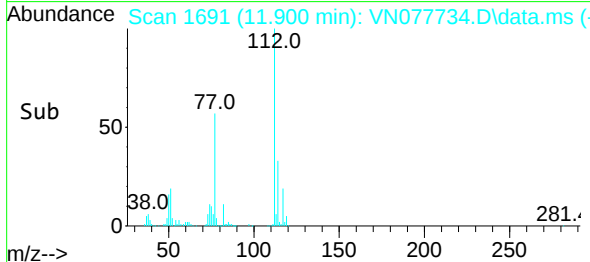
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



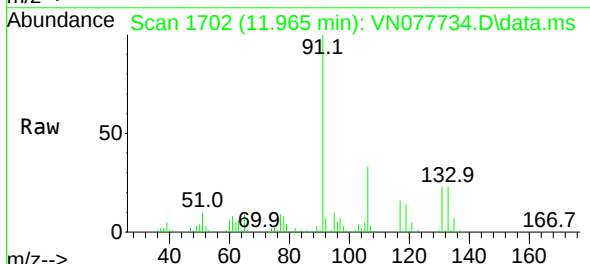
Tgt Ion:112 Resp: 244210
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4

Manual Integrations
APPROVED

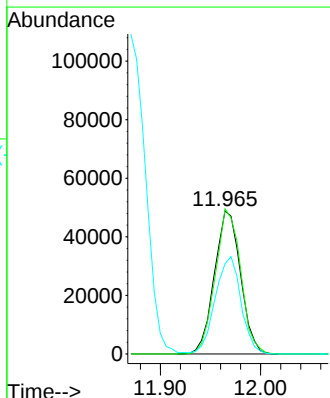
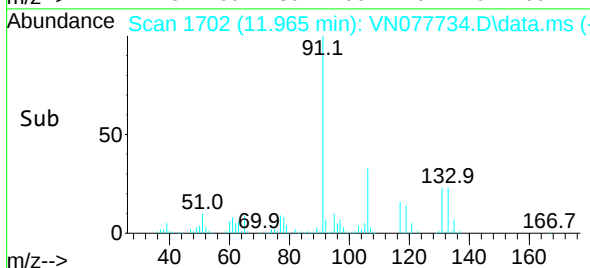
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

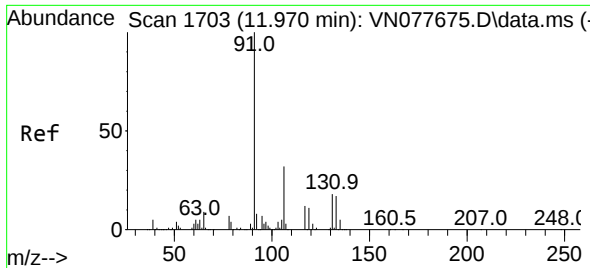


#66
1,1,1,2-Tetrachloroethane
Concen: 18.992 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21



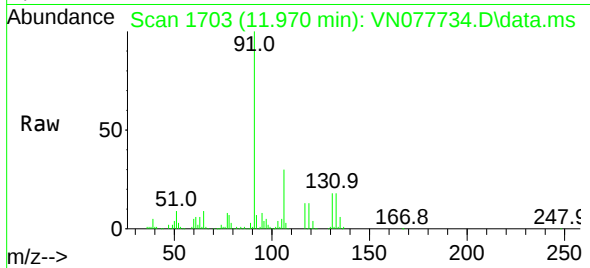
Tgt Ion:131 Resp: 88309
Ion Ratio Lower Upper
131 100
133 98.5 46.4 139.1
119 67.1 34.1 102.2





#67
Ethyl Benzene
Concen: 18.172 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

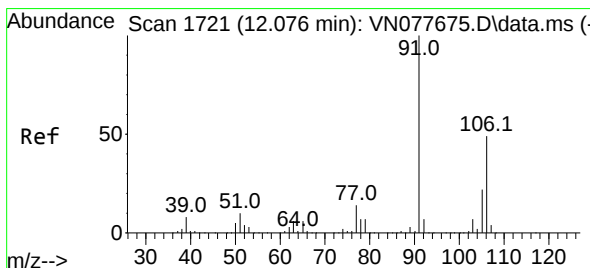
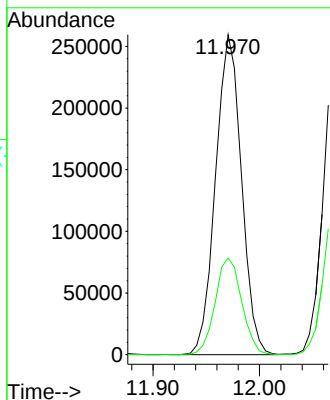
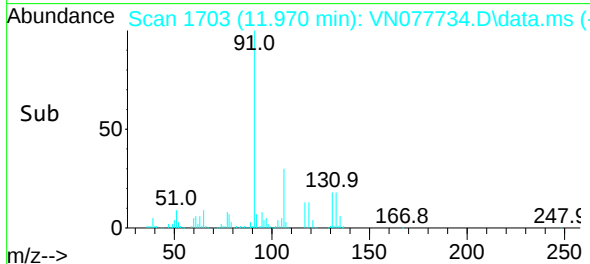
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



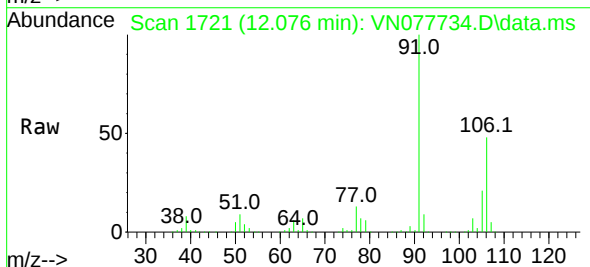
Tgt Ion: 91 Resp: 43762
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4

Manual Integrations
APPROVED

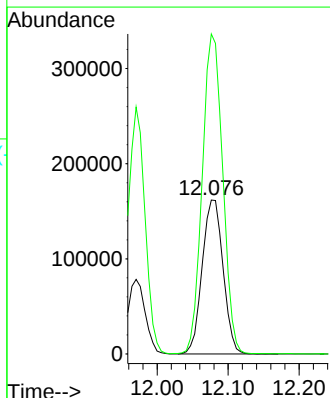
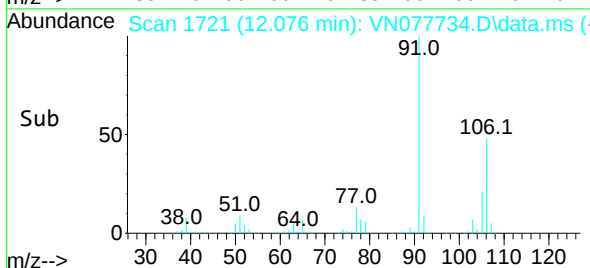
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

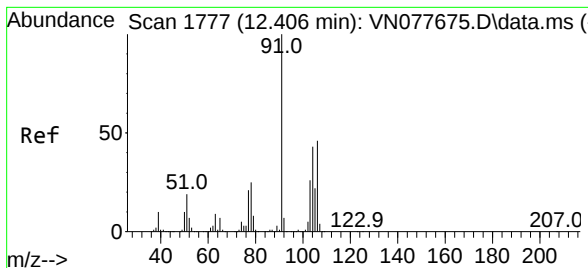


#68
m/p-Xylenes
Concen: 36.271 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21



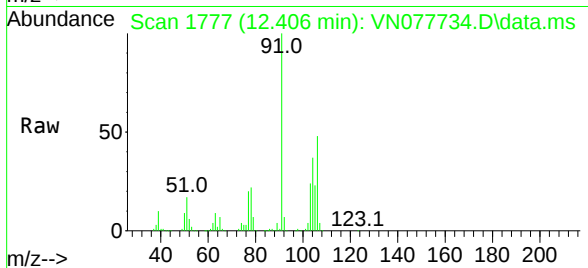
Tgt Ion:106 Resp: 330974
Ion Ratio Lower Upper
106 100
91 204.0 159.6 239.4





#69
o-Xylene
Concen: 18.536 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

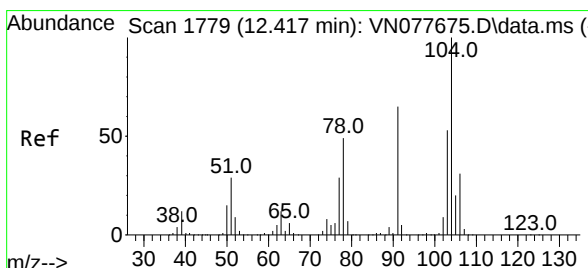
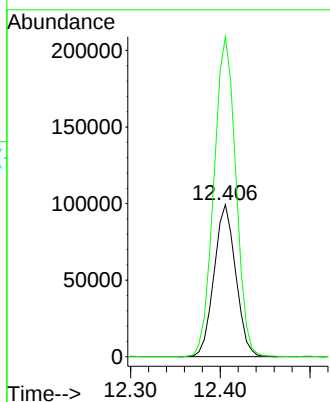
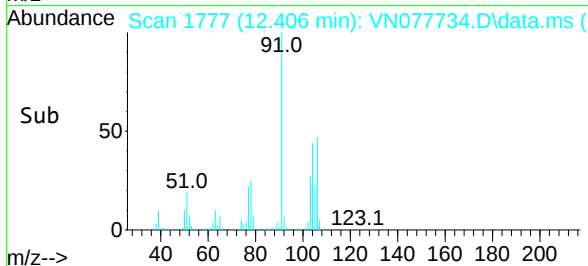
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



Tgt Ion:106 Resp: 166330
Ion Ratio Lower Upper
106 100
91 213.8 105.2 315.5

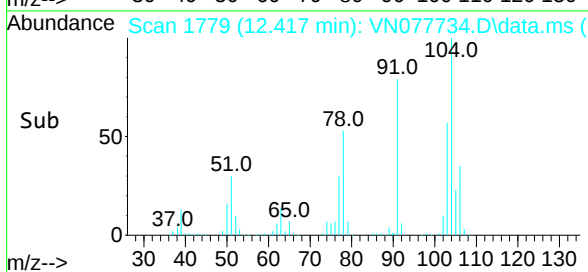
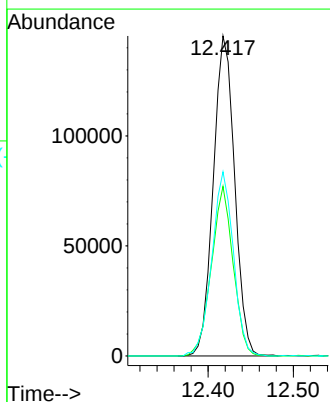
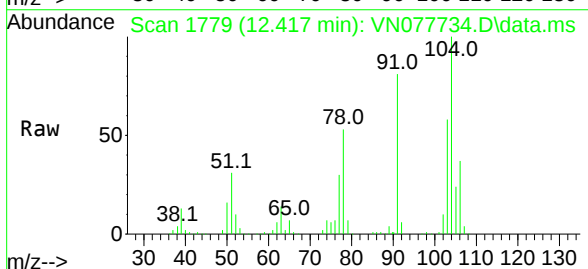
Manual Integrations
APPROVED

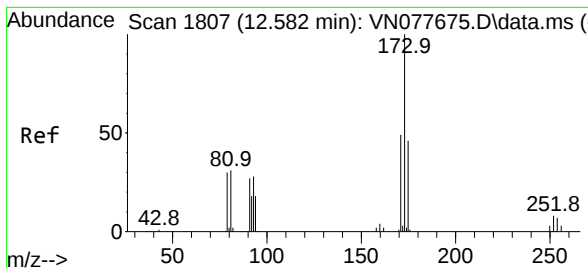
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#70
Styrene
Concen: 17.768 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

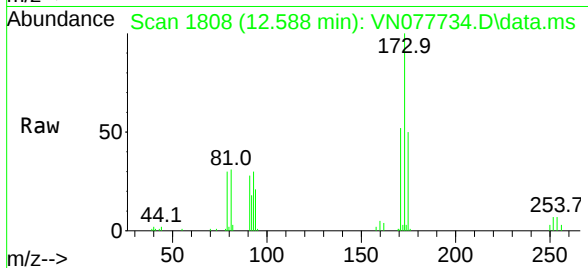
Tgt Ion:104 Resp: 253293
Ion Ratio Lower Upper
104 100
78 53.8 39.5 59.3
103 58.3 43.2 64.8





#71
Bromoform
Concen: 18.302 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

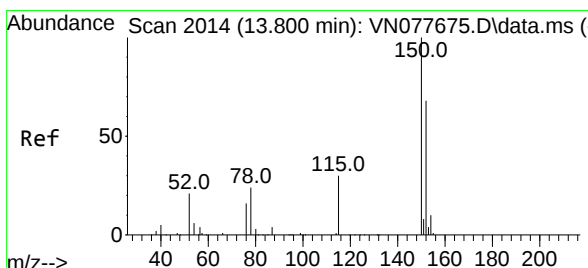
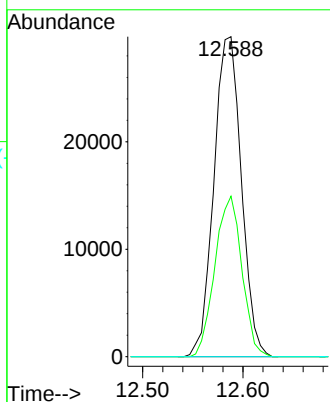
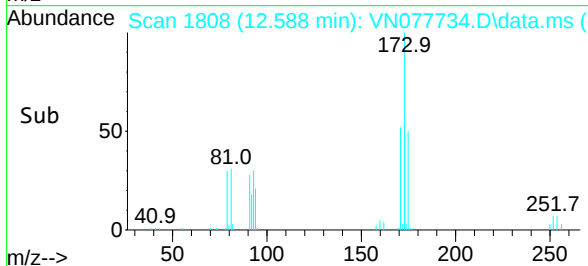
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



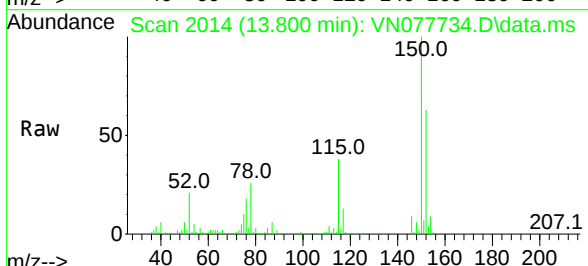
Tgt Ion:173 Resp: 5661
Ion Ratio Lower Upper
173 100
175 49.2 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

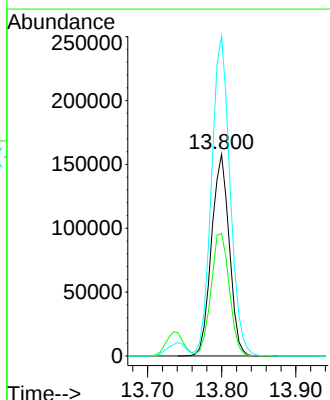
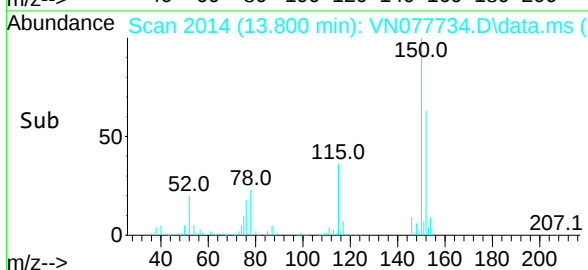
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

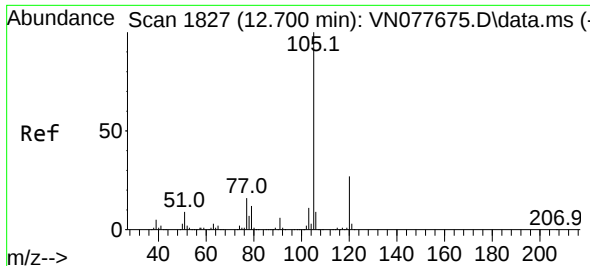


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21



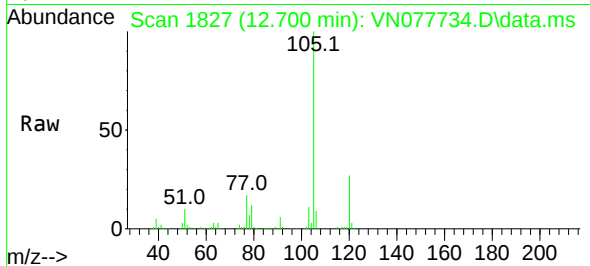
Tgt Ion:152 Resp: 262288
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 165.9 0.0 355.8





#73
Isopropylbenzene
Concen: 18.937 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

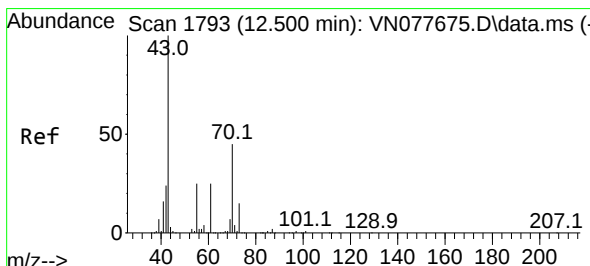
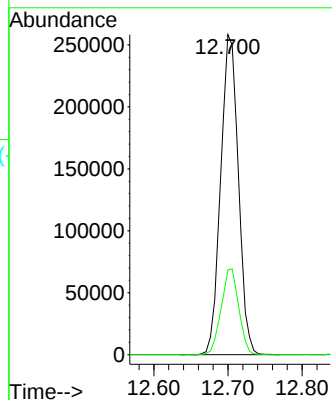
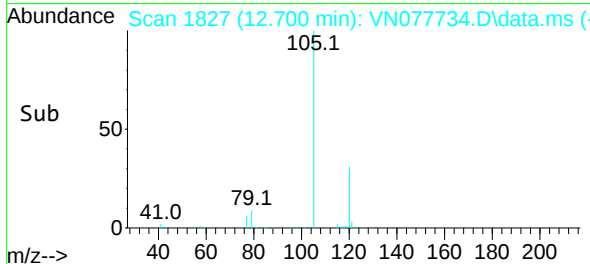
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



Tgt Ion:105 Resp: 42814
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

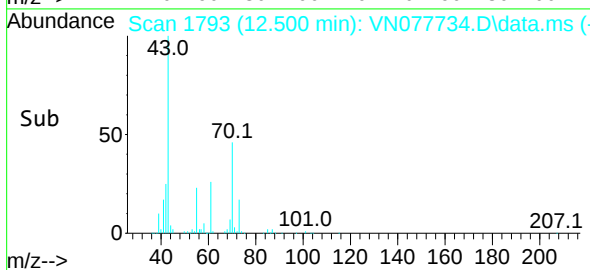
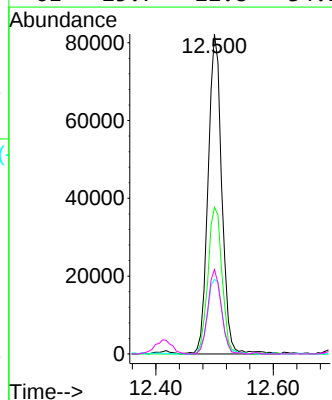
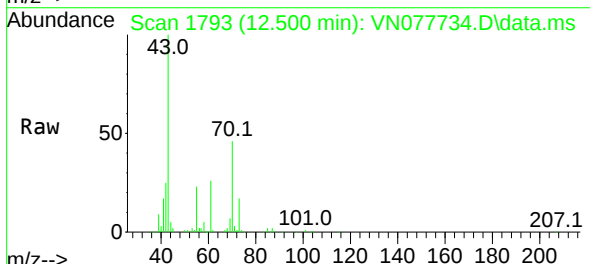
Manual Integrations
APPROVED

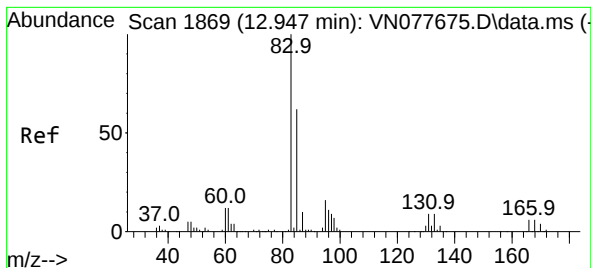
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#74
N-ethyl acetate
Concen: 15.901 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 43 Resp: 132886
Ion Ratio Lower Upper
43 100
70 47.0 43.4 65.2
55 25.0 21.4 32.0
61 25.7 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.026 ug/l

RT: 12.941 min Scan# 1869

Delta R.T. -0.006 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

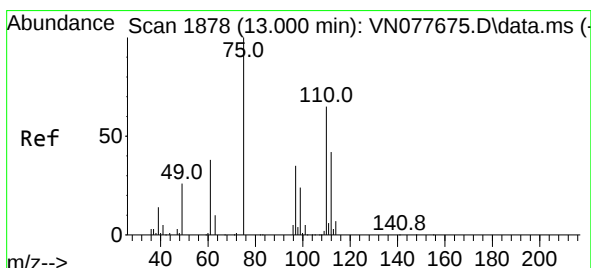
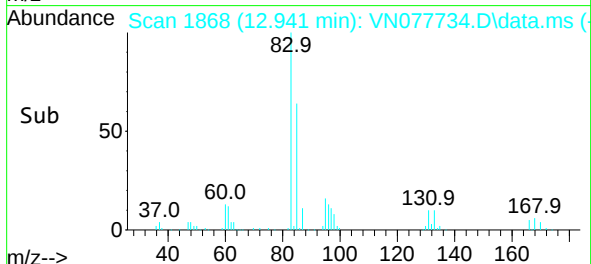
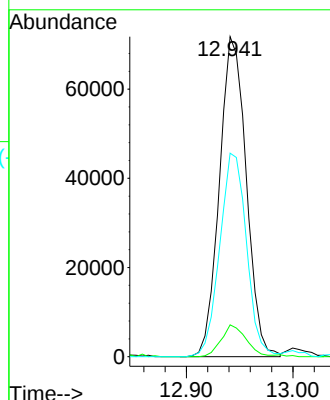
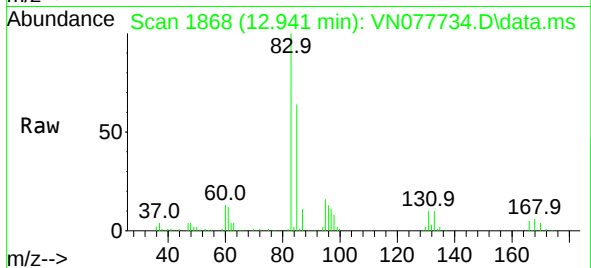
Tgt Ion:	83	Resp:	125380
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.0	15.0
85	63.6	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#76

1,2,3-Trichloropropane

Concen: 13.941 ug/l m

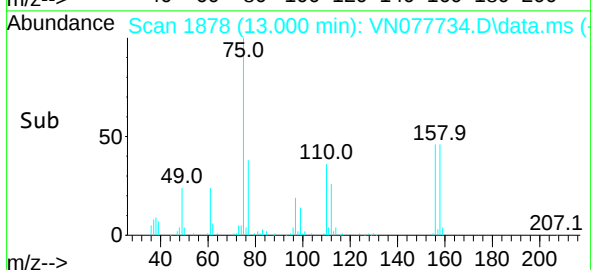
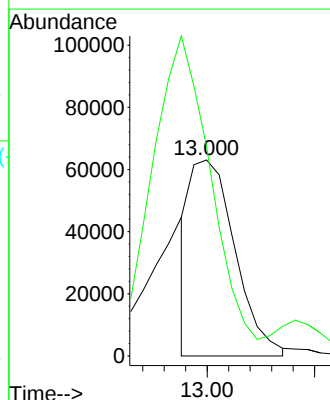
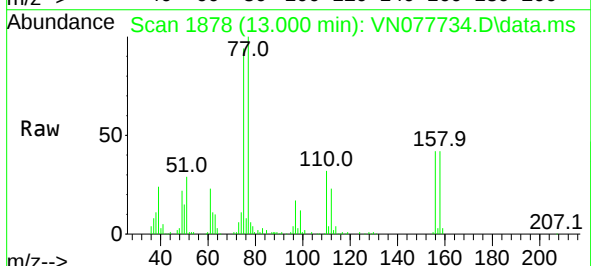
RT: 13.000 min Scan# 1878

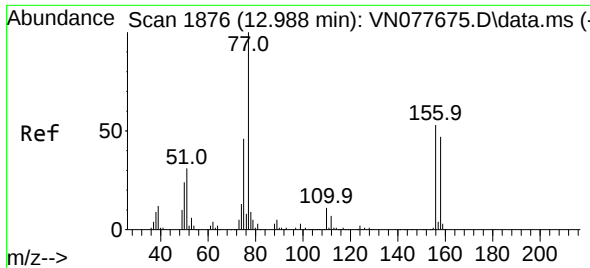
Delta R.T. -0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Tgt Ion:	75	Resp:	91576
Ion Ratio	Lower	Upper	
75	100		
77	218.7	84.5	253.5





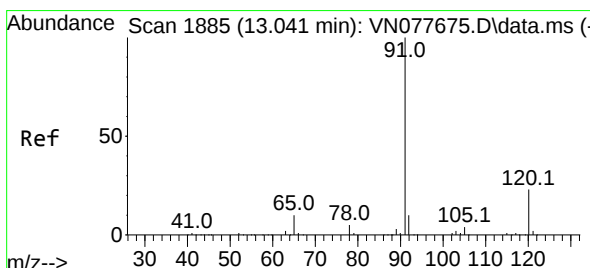
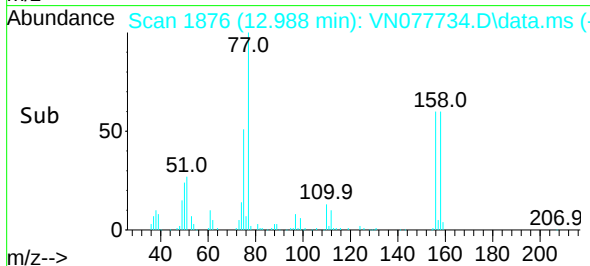
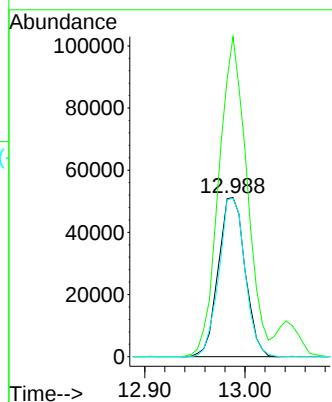
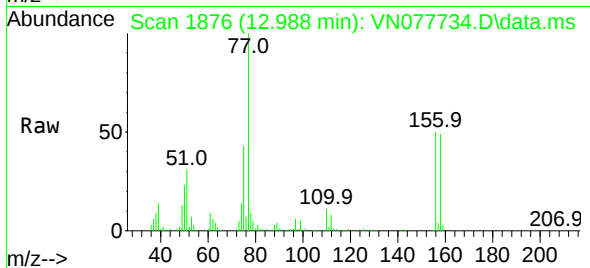
#77
Bromobenzene
Concen: 18.397 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

Tgt Ion:156 Resp: 9492
Ion Ratio Lower Upper
156 100
77 211.0 107.7 323.3
158 96.8 48.4 145.3

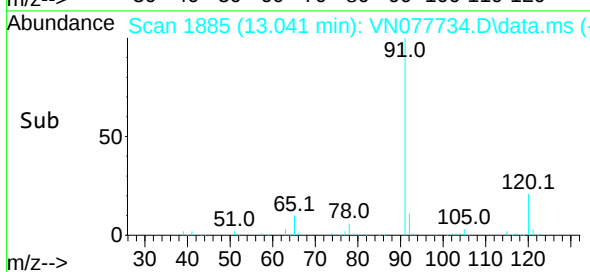
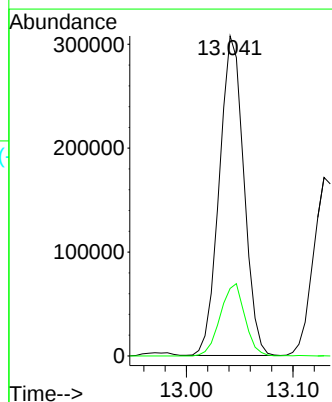
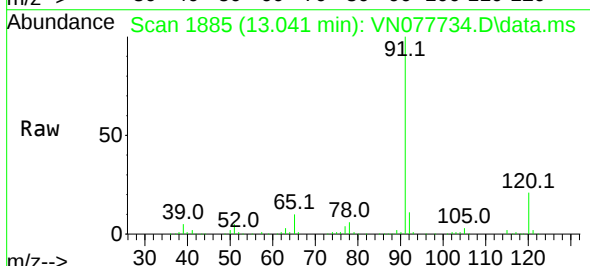
Manual Integrations
APPROVED

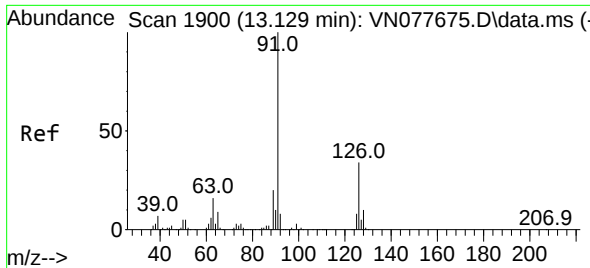
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#78
n-propylbenzene
Concen: 18.474 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 91 Resp: 492431
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4





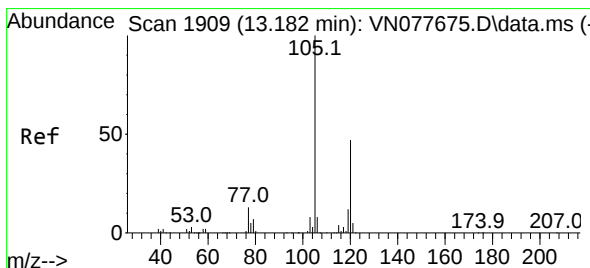
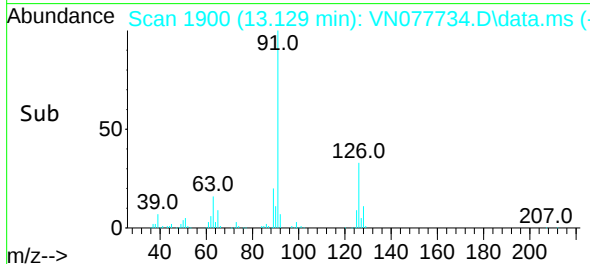
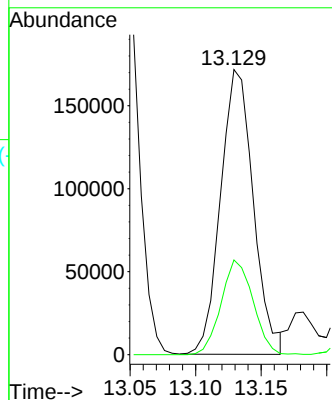
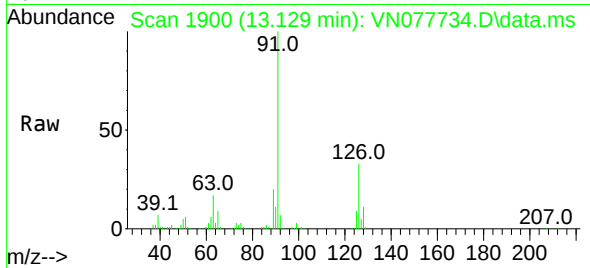
#79
2-Chlorotoluene
Concen: 18.774 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

Tgt Ion: 91 Resp: 298600
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8

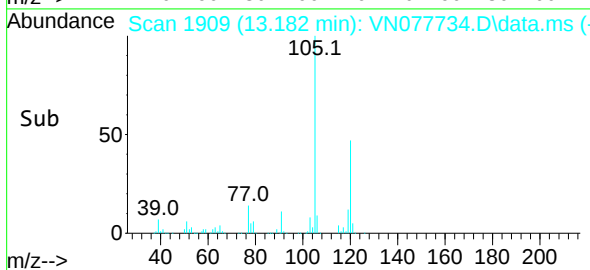
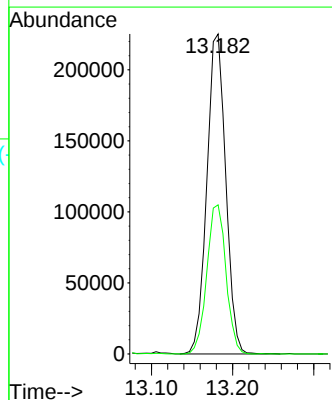
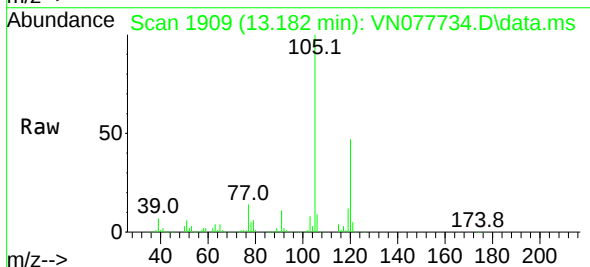
Manual Integrations
APPROVED

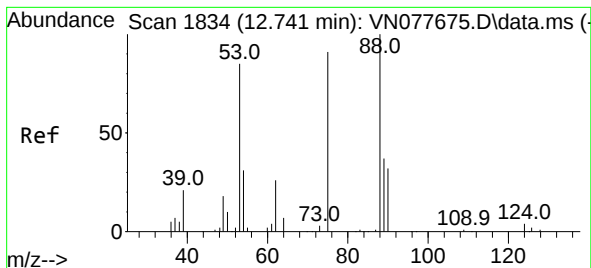
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.102 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion:105 Resp: 362982
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





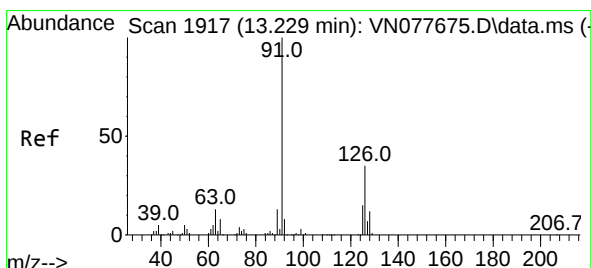
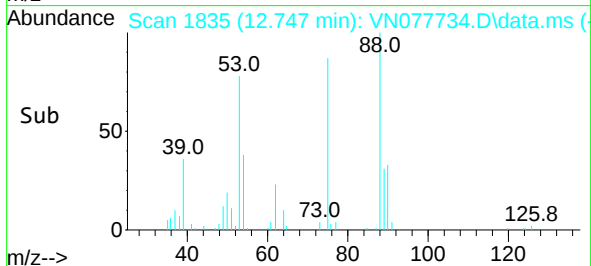
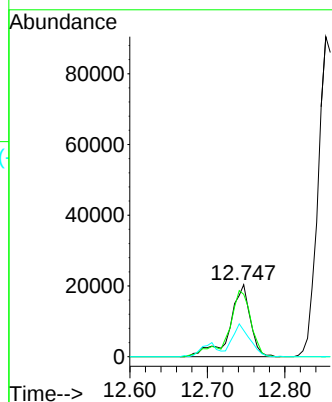
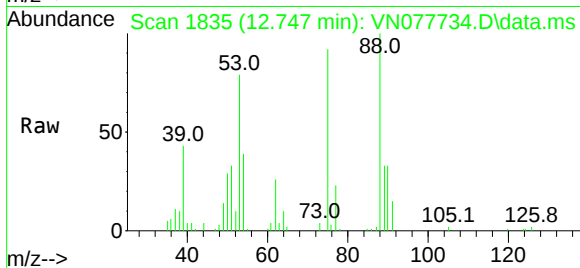
#81
trans-1,4-Dichloro-2-butene
Concen: 18.158 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

Tgt Ion: 75 Resp: 3731
Ion Ratio Lower Upper
75 100
53 99.6 67.4 101.2
89 39.3 38.8 58.2

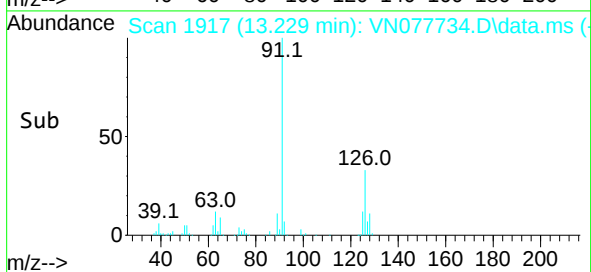
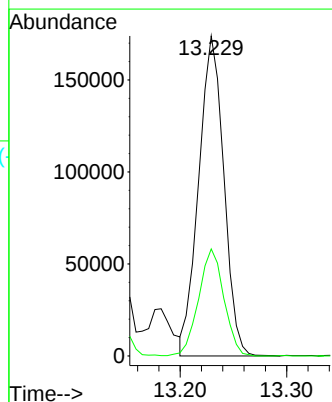
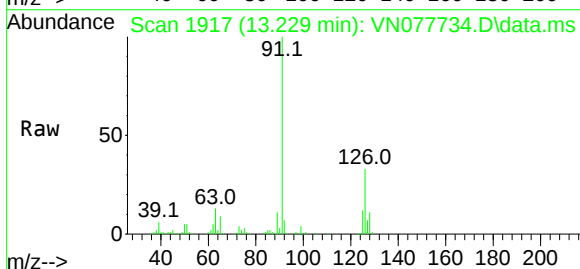
Manual Integrations
APPROVED

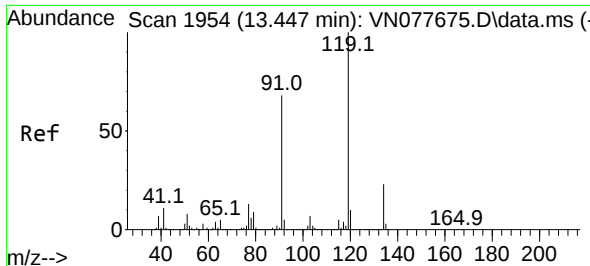
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#82
4-Chlorotoluene
Concen: 18.023 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

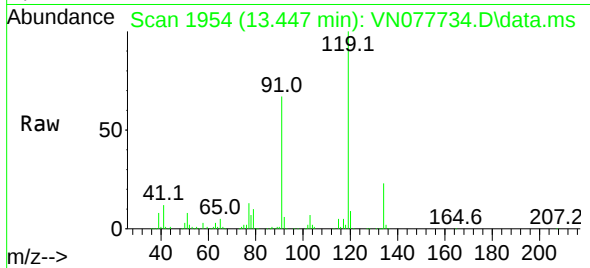
Tgt Ion: 91 Resp: 285221
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.986 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

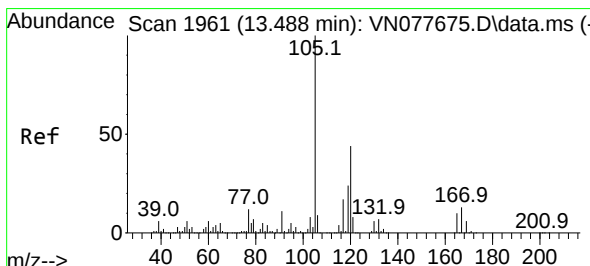
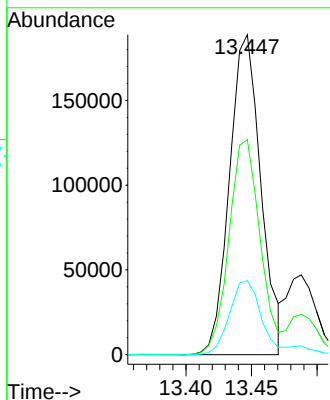
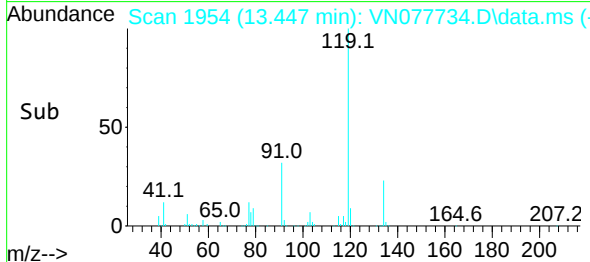
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



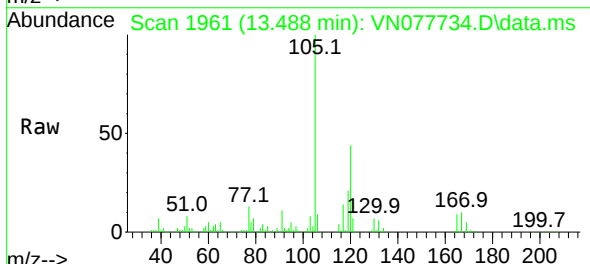
Tgt Ion:119 Resp: 31496
Ion Ratio Lower Upper
119 100
91 66.6 33.9 101.7
134 23.4 13.2 39.6

Manual Integrations
APPROVED

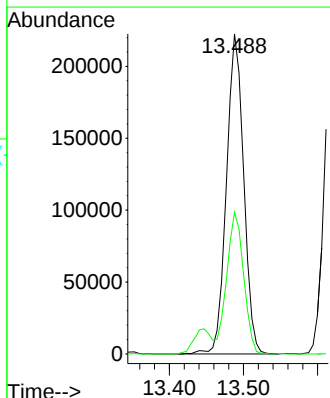
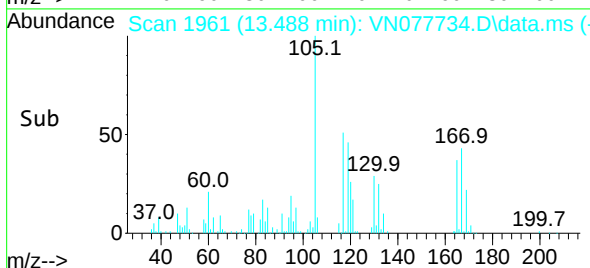
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

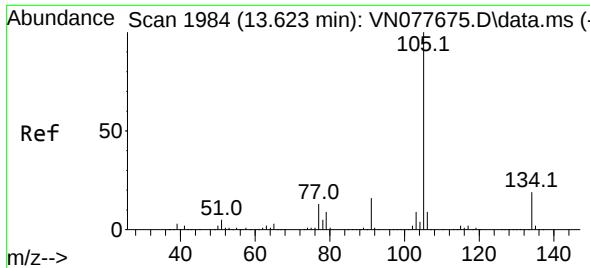


#84
1,2,4-Trimethylbenzene
Concen: 19.215 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21



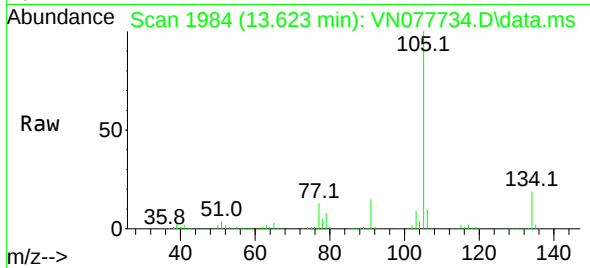
Tgt Ion:105 Resp: 359092
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.859 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077734.D
 Acq: 18 May 2023 14:21

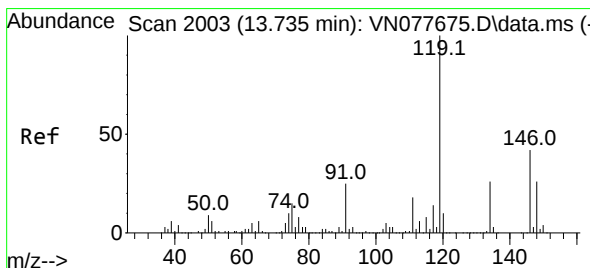
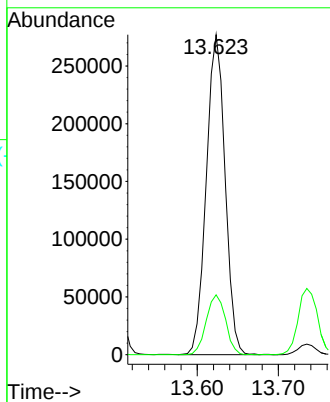
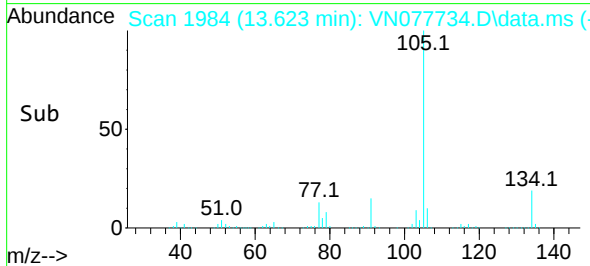
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBSD01



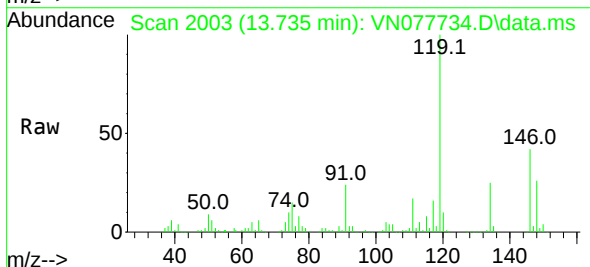
Tgt Ion:105 Resp: 444608
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

Manual Integrations
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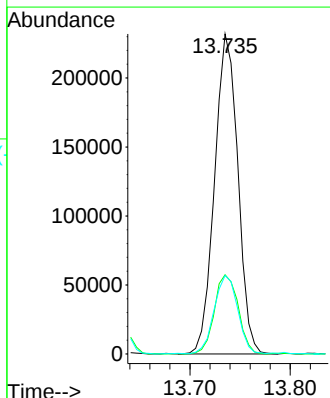
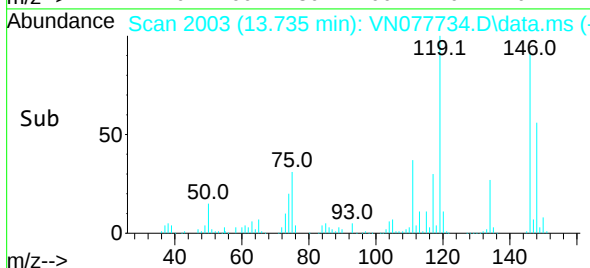
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

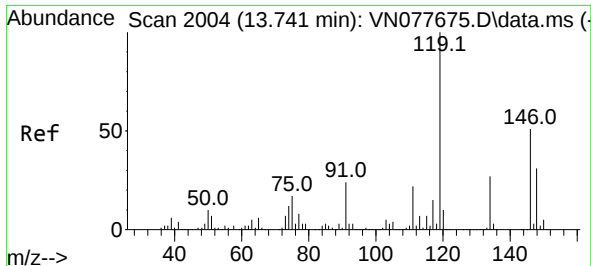


#86
 p-Isopropyltoluene
 Concen: 19.851 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077734.D
 Acq: 18 May 2023 14:21



Tgt Ion:119 Resp: 373100
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 24.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.500 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

Tgt Ion:146 Resp: 17652

Ion Ratio Lower Upper

146 100

111 41.2 22.1 66.3

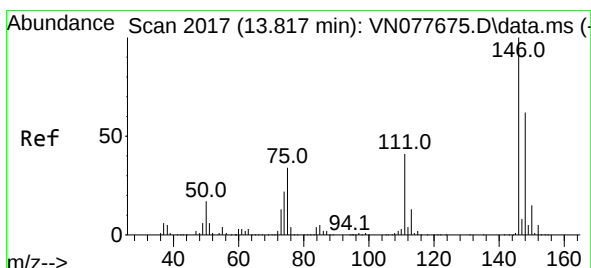
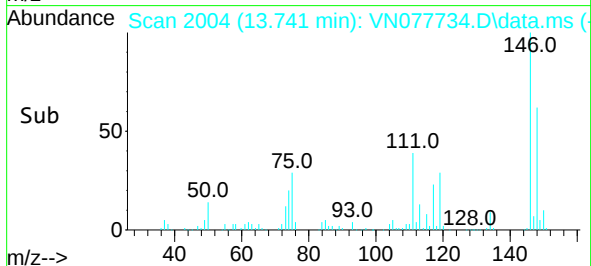
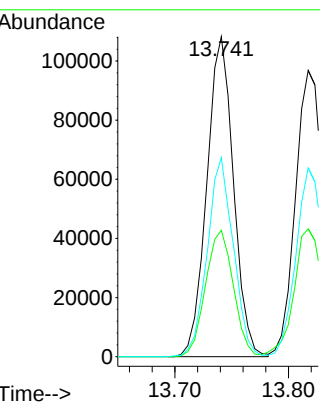
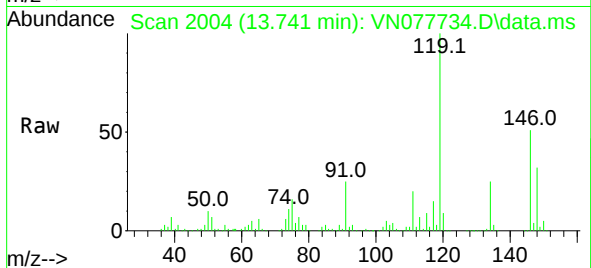
148 60.9 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#88

1,4-Dichlorobenzene

Concen: 17.408 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

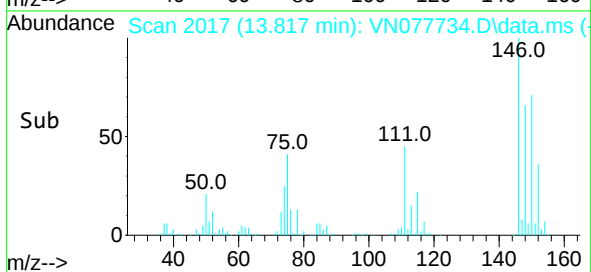
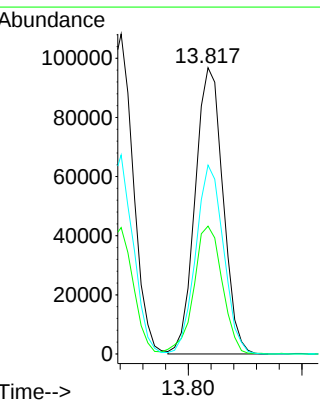
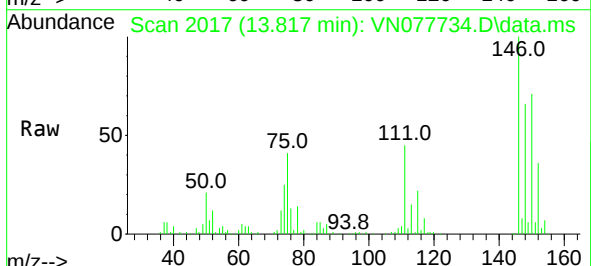
Tgt Ion:146 Resp: 164828

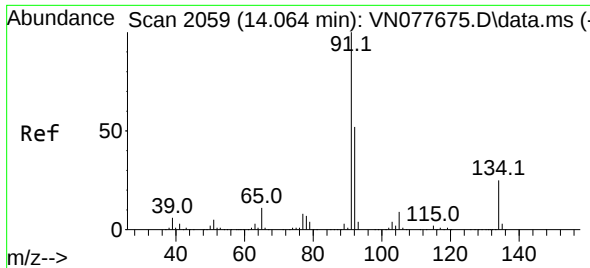
Ion Ratio Lower Upper

146 100

111 45.9 20.6 61.8

148 66.1 31.6 94.8





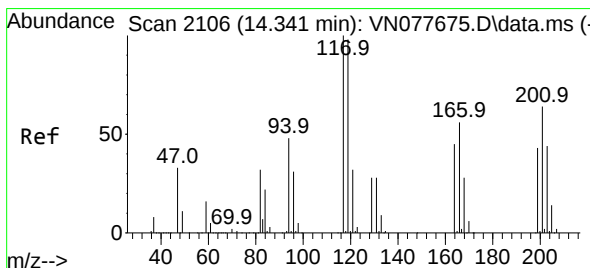
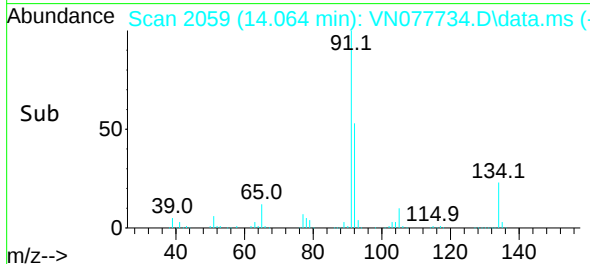
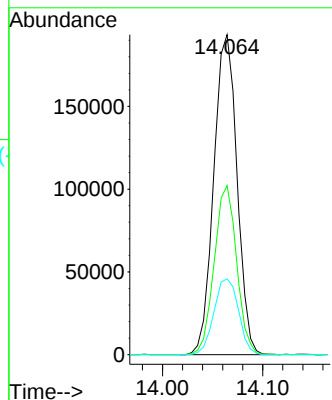
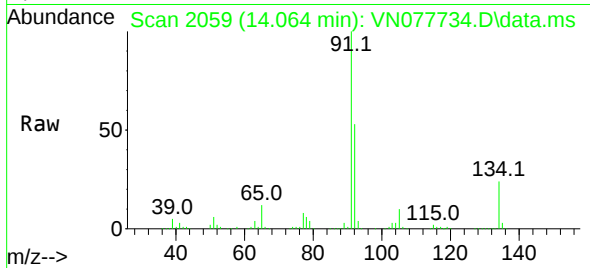
#89
n-Butylbenzene
Concen: 18.031 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

Tgt Ion: 91 Resp: 311710
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.0
134 25.0 12.6 37.6

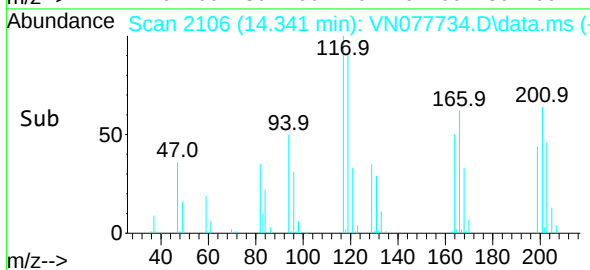
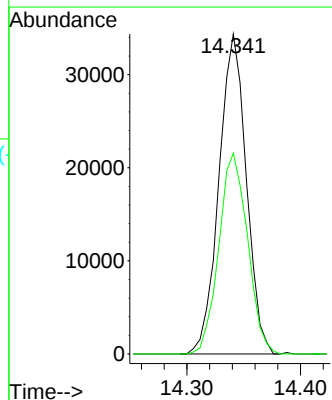
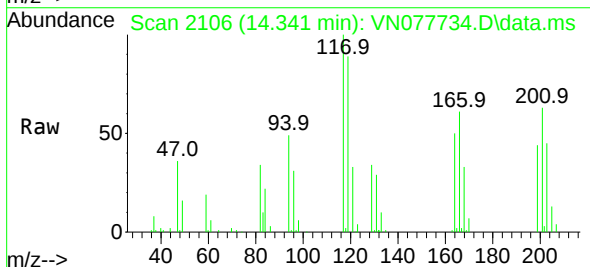
Manual Integrations
APPROVED

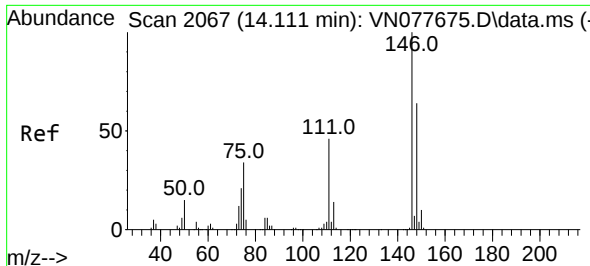
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#90
Hexachloroethane
Concen: 18.618 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion:117 Resp: 57485
Ion Ratio Lower Upper
117 100
201 65.8 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 19.039 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN077734.D

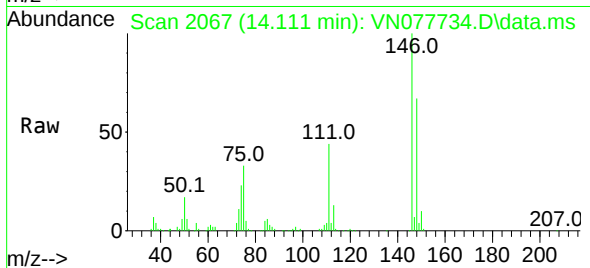
Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01



Tgt Ion:146 Resp: 169718

Ion Ratio Lower Upper

146 100

111 44.3 22.0 66.0

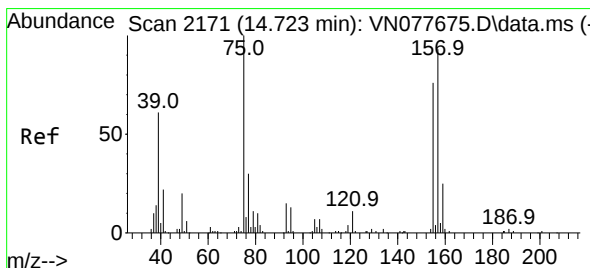
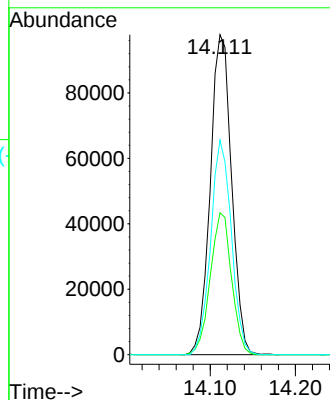
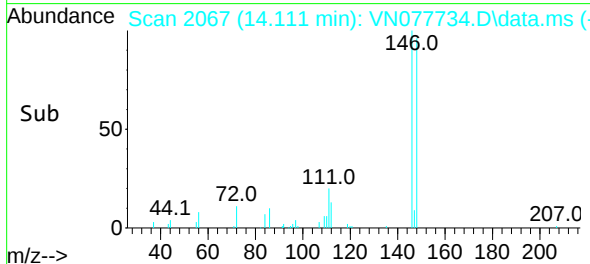
148 65.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.100 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

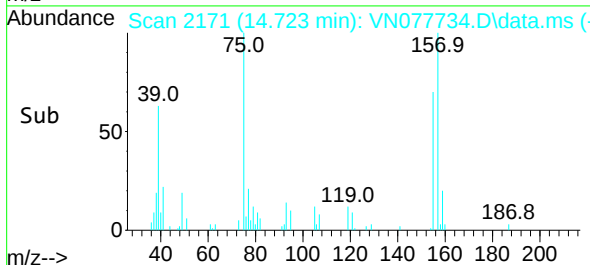
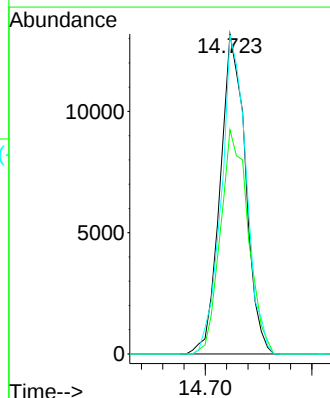
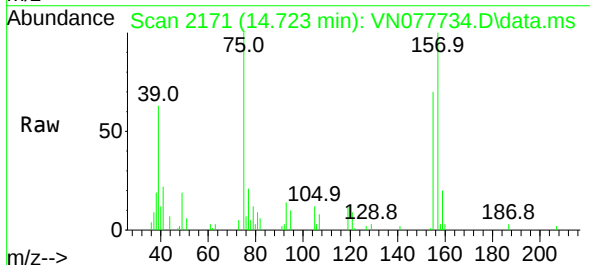
Tgt Ion: 75 Resp: 21680

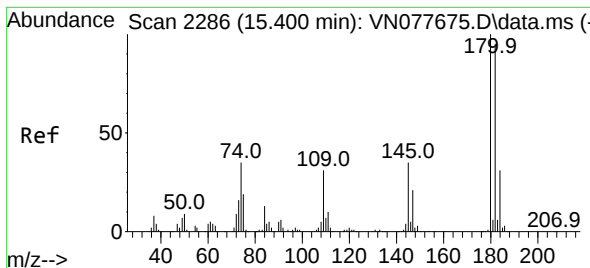
Ion Ratio Lower Upper

75 100

155 76.7 39.1 117.2

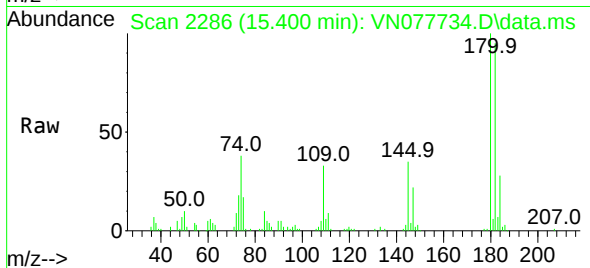
157 98.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.514 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

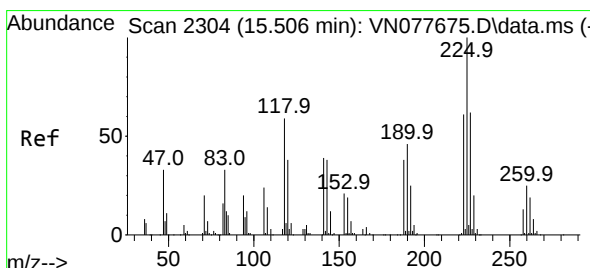
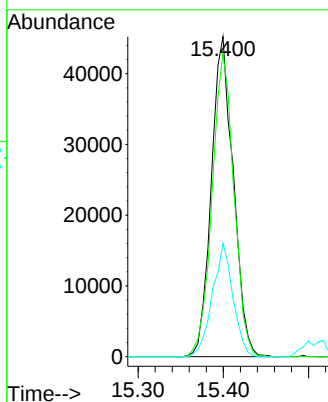
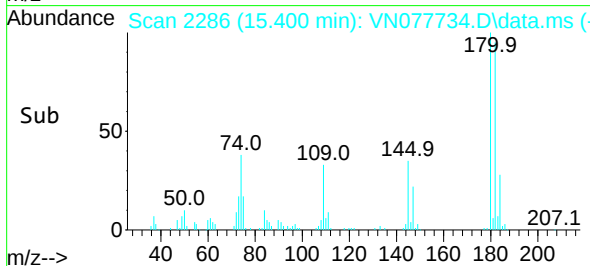
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



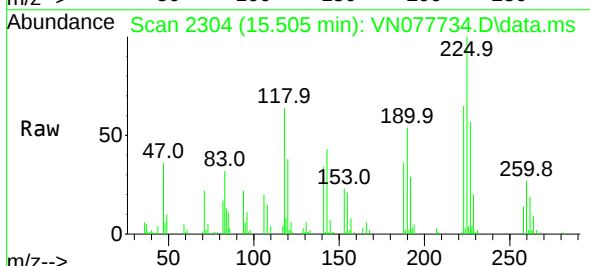
Tgt Ion:180 Resp: 80810
Ion Ratio Lower Upper
180 100
182 94.4 46.1 138.2
145 33.1 16.6 49.8

Manual Integrations
APPROVED

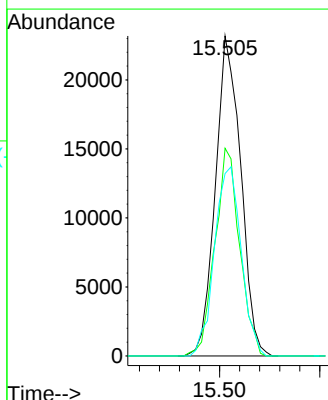
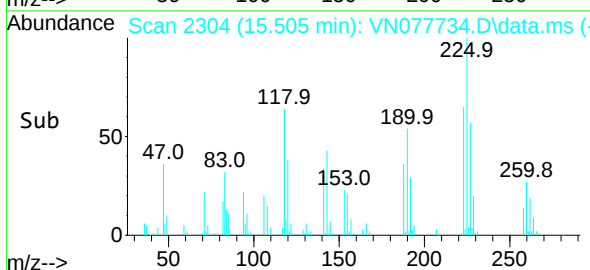
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

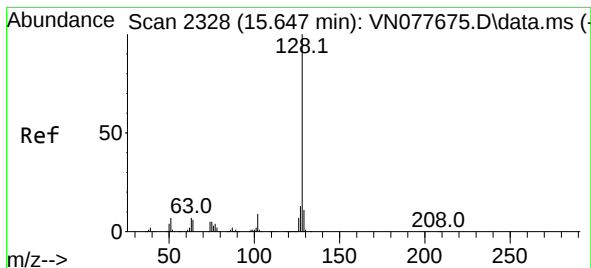


#94
Hexachlorobutadiene
Concen: 18.794 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21



Tgt Ion:225 Resp: 40649
Ion Ratio Lower Upper
225 100
223 63.4 31.3 93.8
227 62.6 31.9 95.9





#95

Naphthalene

Concen: 13.328 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

Tgt Ion:128 Resp: 23896

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

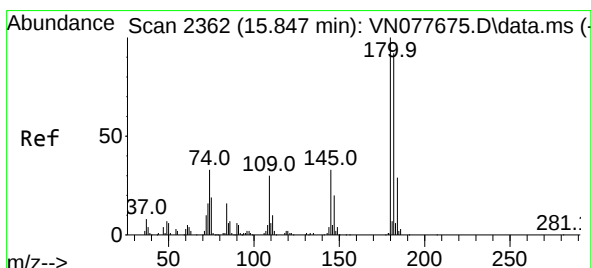
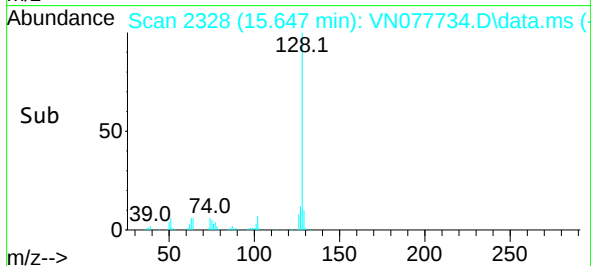
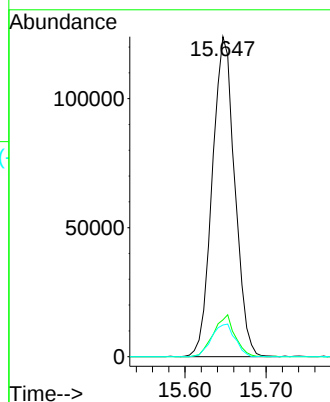
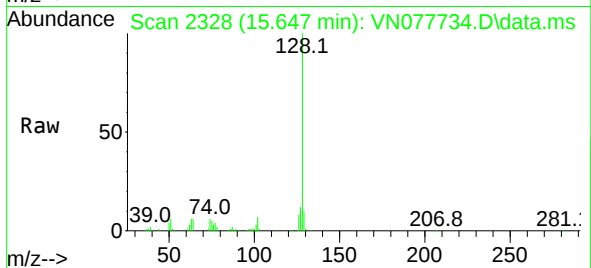
129 10.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#96

1,2,3-Trichlorobenzene

Concen: 15.478 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Tgt Ion:180 Resp: 78940

Ion Ratio Lower Upper

180 100

182 95.7 46.2 138.6

145 35.1 17.5 52.6

