

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080025.D
 Acq On : 09 Nov 2023 16:23
 Operator : JC\MD
 Sample : VN1109WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2023
 Supervised By : Mahesh Dadoda 11/10/2023

Quant Time: Nov 10 00:35:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	237993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	390385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	374921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	190236	52.466	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.940%			
35) Dibromofluoromethane	8.171	113	145238	52.566	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.140%			
50) Toluene-d8	10.571	98	542727	53.357	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.720%			
62) 4-Bromofluorobenzene	12.853	95	217143	64.369	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 128.740%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	70871	24.722	ug/l	99
3) Chloromethane	2.359	50	75915	20.433	ug/l	99
4) Vinyl Chloride	2.512	62	93589	24.941	ug/l	100
5) Bromomethane	2.953	94	29913	13.120	ug/l	92
6) Chloroethane	3.118	64	33597	11.331	ug/l	98
7) Trichlorofluoromethane	3.500	101	98521	21.109	ug/l	96
8) Diethyl Ether	3.965	74	32835	18.539	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	49971	18.470	ug/l	95
10) Methyl Iodide	4.594	142	47369	15.331	ug/l	94
11) Tert butyl alcohol	5.524	59	41690	90.070	ug/l	99
12) 1,1-Dichloroethene	4.341	96	47439	18.518	ug/l	94
13) Acrolein	4.177	56	40786	101.176	ug/l	96
14) Allyl chloride	5.024	41	63681	16.230	ug/l	95
15) Acrylonitrile	5.724	53	136397	94.560	ug/l	99
16) Acetone	4.430	43	122909	96.503	ug/l	99
17) Carbon Disulfide	4.706	76	112719	15.254	ug/l	99
18) Methyl Acetate	5.030	43	104780	17.196	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	175197	19.864	ug/l	99
20) Methylene Chloride	5.271	84	58875	18.320	ug/l #	91
21) trans-1,2-Dichloroethene	5.794	96	49855	17.450	ug/l #	79
22) Diisopropyl ether	6.677	45	169622	18.655	ug/l #	91
23) Vinyl Acetate	6.606	43	414026	82.549	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	107468	19.446	ug/l	98
25) 2-Butanone	7.488	43	174421	93.521	ug/l	90
26) 2,2-Dichloropropane	7.494	77	94627	20.703	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	61161	17.896	ug/l	82
28) Bromochloromethane	7.812	49	54120	20.094	ug/l	86
29) Tetrahydrofuran	7.841	42	105354	86.823	ug/l	86
30) Chloroform	7.971	83	118027	19.661	ug/l	93
31) Cyclohexane	8.259	56	79509	16.594	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	103335	21.126	ug/l	98
36) 1,1-Dichloropropene	8.377	75	78531	19.906	ug/l	95
37) Ethyl Acetate	7.565	43	68487	18.929	ug/l	95
38) Carbon Tetrachloride	8.365	117	93023	23.397	ug/l	99
39) Methylcyclohexane	9.606	83	69673	18.766	ug/l #	82
40) Benzene	8.612	78	238360	20.172	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	37799	19.674	ug/l	90
42) 1,2-Dichloroethane	8.677	62	93544	22.664	ug/l	97
43) Isopropyl Acetate	8.694	43	110533	17.420	ug/l	97
44) Trichloroethene	9.353	130	57940	19.761	ug/l	98
45) 1,2-Dichloropropane	9.624	63	62694	20.762	ug/l	96
46) Dibromomethane	9.712	93	43916	21.299	ug/l	96
47) Bromodichloromethane	9.888	83	95317	21.676	ug/l	99
48) Methyl methacrylate	9.682	41	54047	19.447	ug/l	85
49) 1,4-Dioxane	9.706	88	20927	426.137	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	373861	104.658	ug/l	96
52) Toluene	10.635	92	152059	21.707	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	95377	22.125	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	100629	21.417	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	63725	22.617	ug/l	96
56) Ethyl methacrylate	10.876	69	87325	21.728	ug/l	90
57) 1,3-Dichloropropane	11.170	76	108268	21.800	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	184391	90.523	ug/l	93
59) 2-Hexanone	11.200	43	273096	99.935	ug/l	94
60) Dibromochloromethane	11.359	129	70219	23.283	ug/l	100
61) 1,2-Dibromoethane	11.470	107	61018	21.577	ug/l	99
64) Tetrachloroethene	11.106	164	60694	24.996	ug/l	97
65) Chlorobenzene	11.894	112	163864	20.149	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	65930	22.500	ug/l	97
67) Ethyl Benzene	11.965	91	285463	20.147	ug/l	97
68) m/p-Xylenes	12.076	106	219153	41.520	ug/l	93
69) o-Xylene	12.406	106	108078	21.264	ug/l	92
70) Styrene	12.417	104	178664	21.873	ug/l	96
71) Bromoform	12.582	173	50668	24.352	ug/l #	100
73) Isopropylbenzene	12.700	105	276192	15.603	ug/l	100
74) N-amyl acetate	12.500	43	98580	12.759	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	94289	15.024	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	94459m	17.251	ug/l	
77) Bromobenzene	12.982	156	68912	15.902	ug/l	91
78) n-propylbenzene	13.041	91	325708	16.068	ug/l	98
79) 2-Chlorotoluene	13.129	91	215614	16.651	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	242378	17.600	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	32894	16.345	ug/l	96
82) 4-Chlorotoluene	13.223	91	221764	17.234	ug/l	96
83) tert-Butylbenzene	13.441	119	207464	18.404	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	257419	18.998	ug/l	99
85) sec-Butylbenzene	13.617	105	313921	20.100	ug/l	100
86) p-Isopropyltoluene	13.735	119	244681	19.215	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	149161	18.502	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	153576	18.768	ug/l	98
89) n-Butylbenzene	14.059	91	198154	18.067	ug/l	97
90) Hexachloroethane	14.335	117	49883	19.781	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	152208	20.000	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22076	20.742	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	66149	18.280	ug/l	99
94) Hexachlorobutadiene	15.505	225	33774	20.588	ug/l	96
95) Naphthalene	15.647	128	186798	15.222	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	64582	18.207	ug/l	97

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

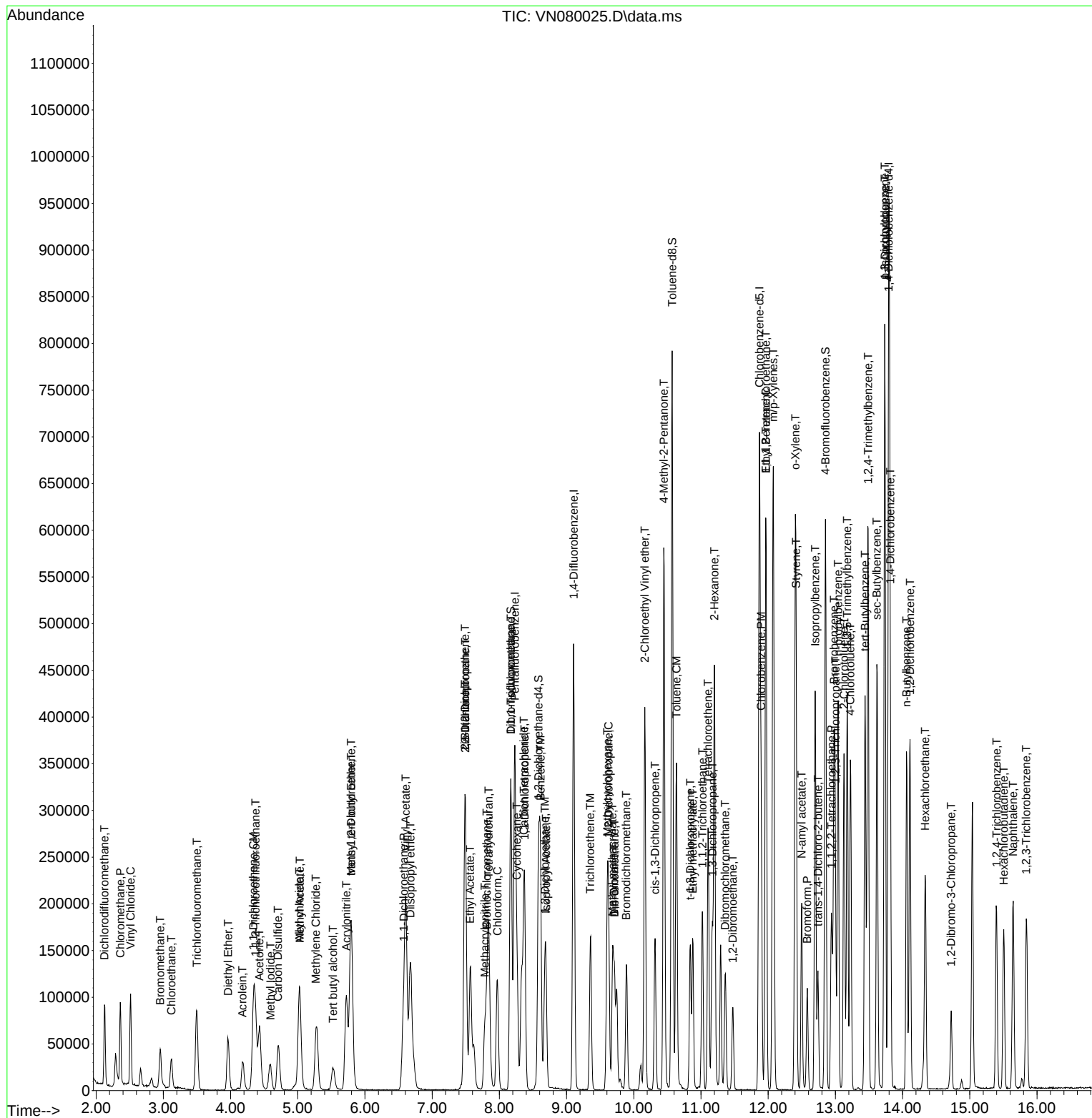
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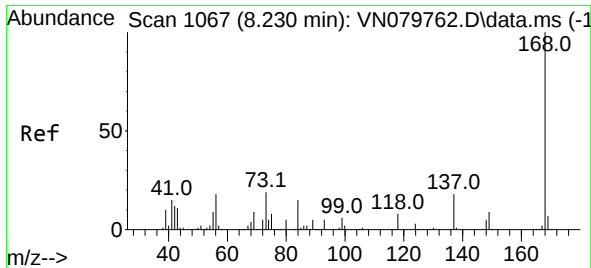
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Manual Integrations APPROVED

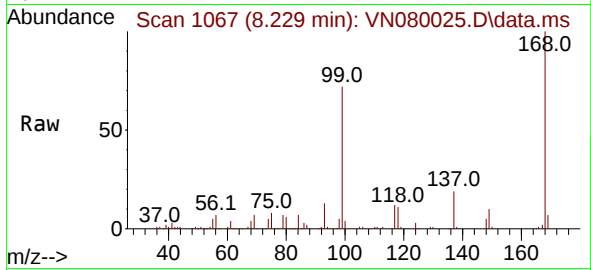
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN080025.D
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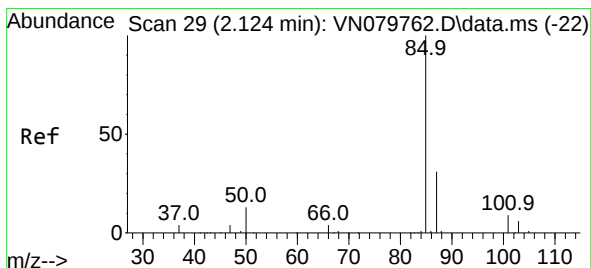
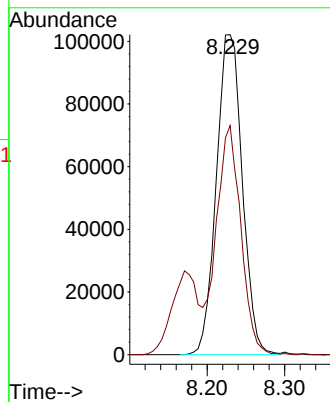
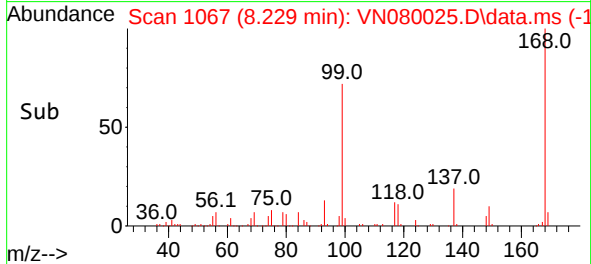
Instrument :
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ClientSampleId :
VN1109WBS01



Tgt Ion:168 Resp: 237993
Ion Ratio Lower Upper
168 100
99 71.4 53.0 79.6

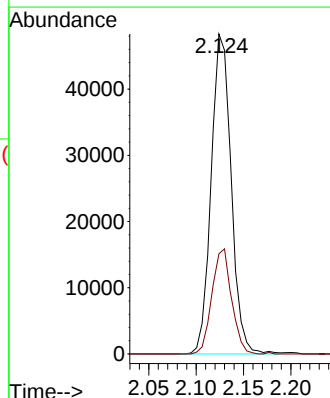
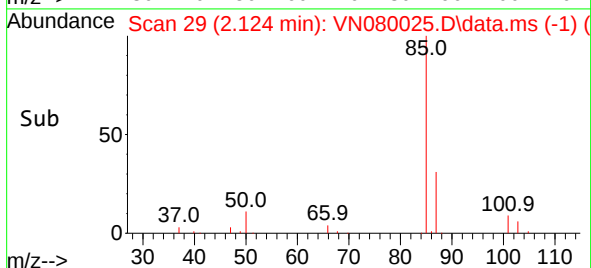
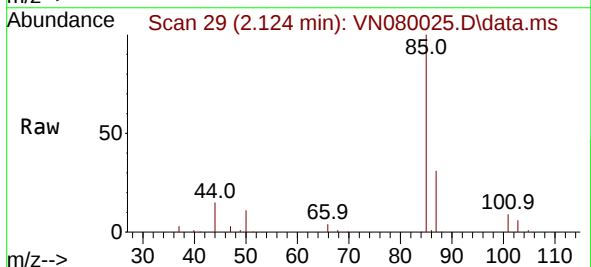
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 24.722 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

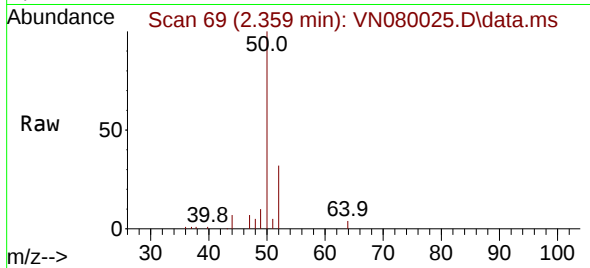
Tgt Ion: 85 Resp: 70871
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4





#3
Chloromethane
Concen: 20.433 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

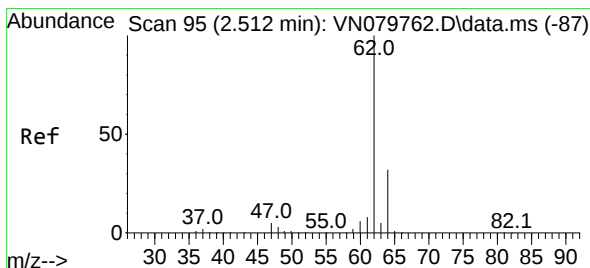
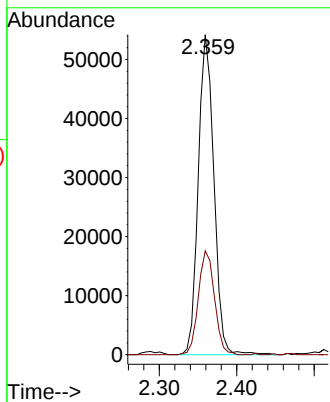
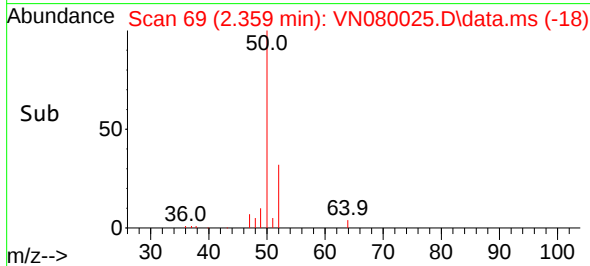
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



Tgt Ion: 50 Resp: 75915
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

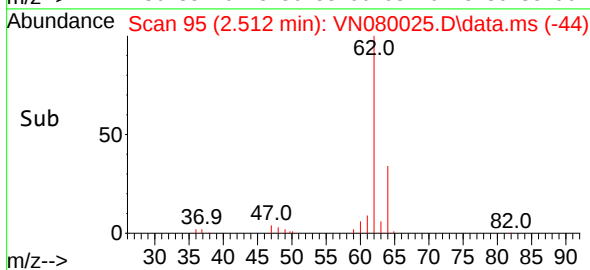
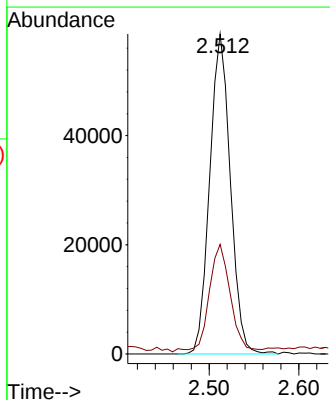
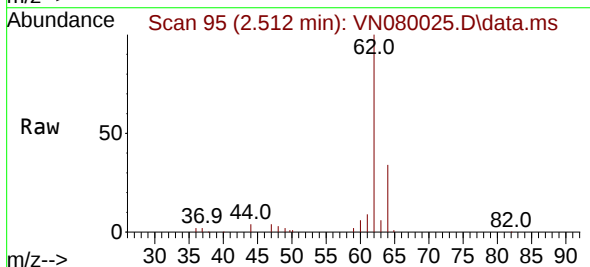
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#4
Vinyl Chloride
Concen: 24.941 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

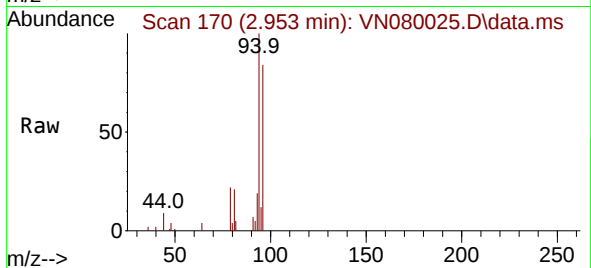
Tgt Ion: 62 Resp: 93589
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2





#5
Bromomethane
Concen: 13.120 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

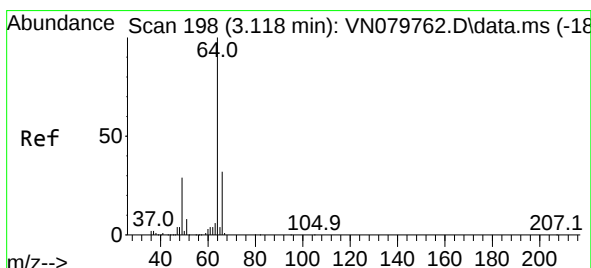
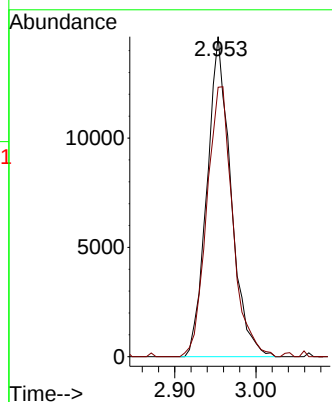
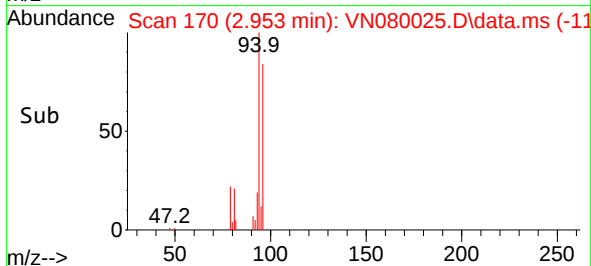
Instrument :
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Tgt Ion: 94 Resp: 2991
Ion Ratio Lower Upper
94 100
96 84.2 73.1 109.7

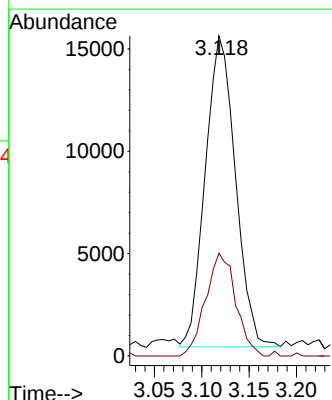
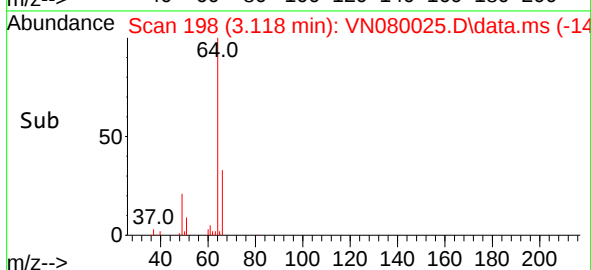
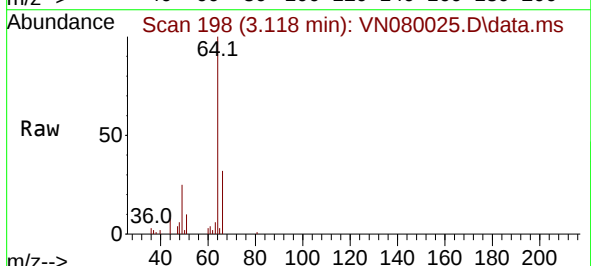
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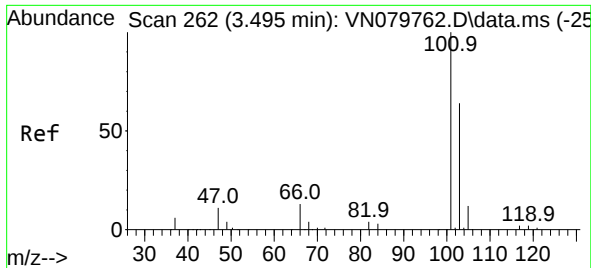
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#6
Chloroethane
Concen: 11.331 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Tgt Ion: 64 Resp: 33597
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.2





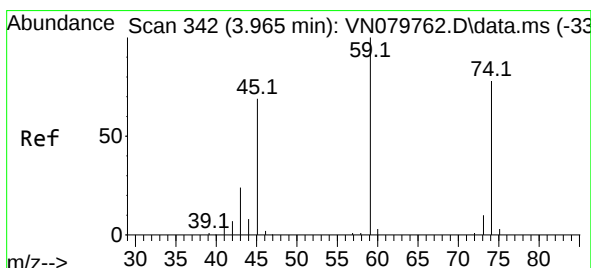
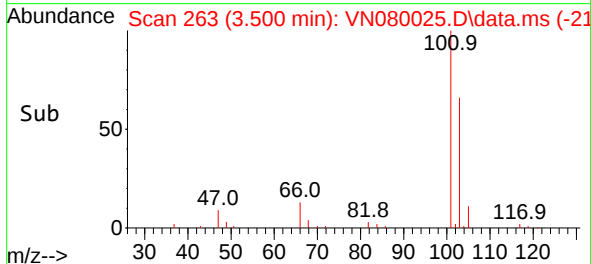
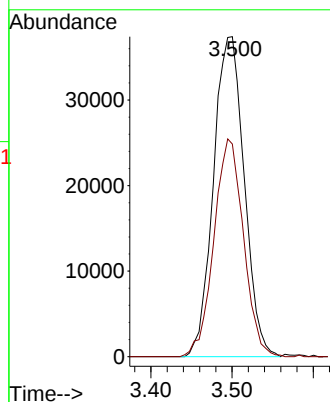
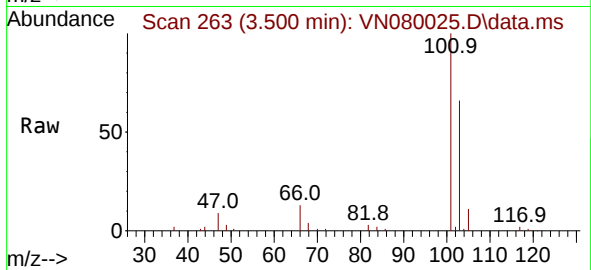
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Trichlorofluoromethane
Concen: 21.109 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Tgt Ion:101 Resp: 9852
Ion Ratio Lower Upper
101 100
103 66.4 50.7 76.1

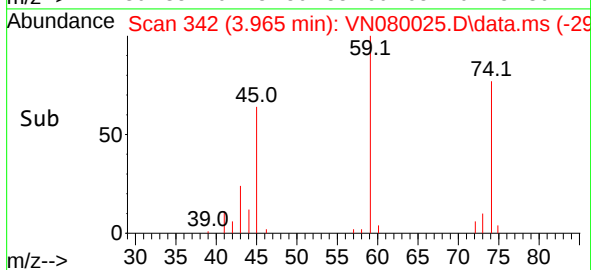
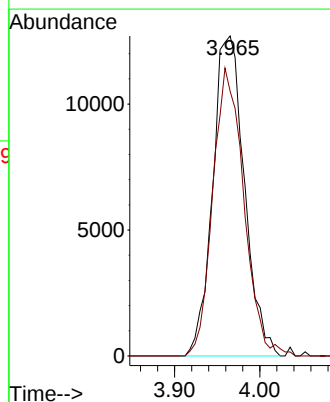
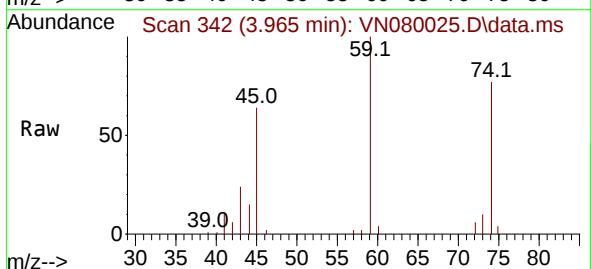
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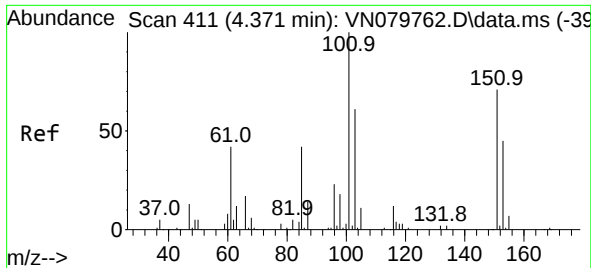
Reviewed By :John Carlone 11/10/2023
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#8
Diethyl Ether
Concen: 18.539 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Tgt Ion: 74 Resp: 32835
Ion Ratio Lower Upper
74 100
45 87.9 34.4 103.3





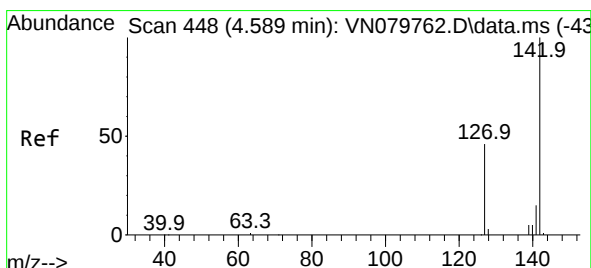
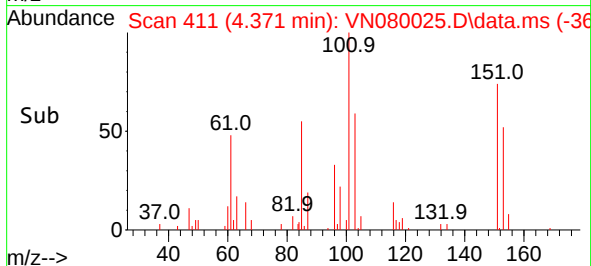
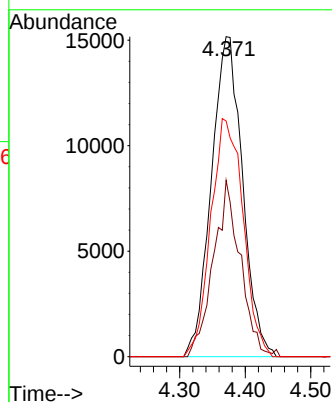
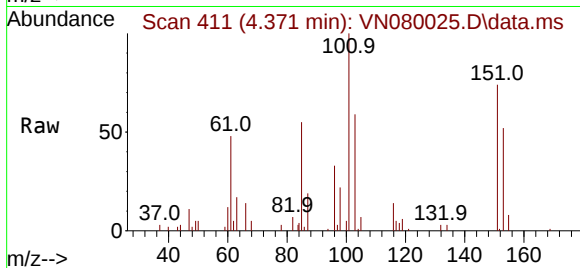
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.470 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Tgt Ion:101 Resp: 4997
Ion Ratio Lower Upper
101 100
85 47.9 36.6 55.0
151 77.0 57.6 86.4

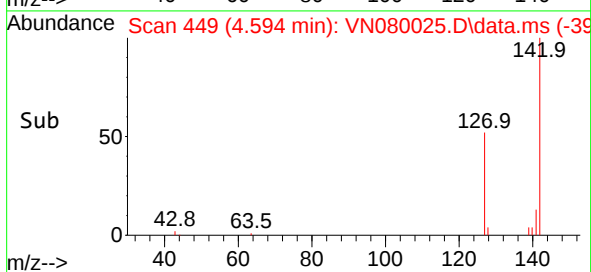
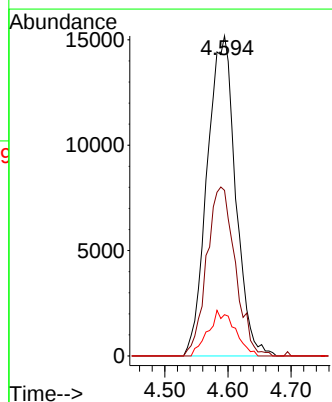
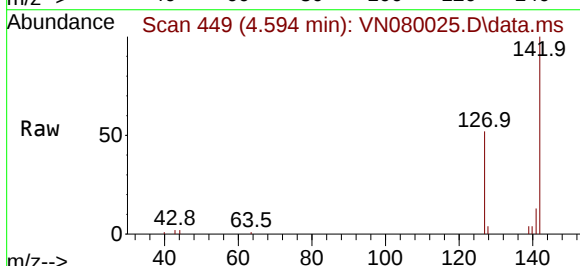
Manual Integrations
APPROVED

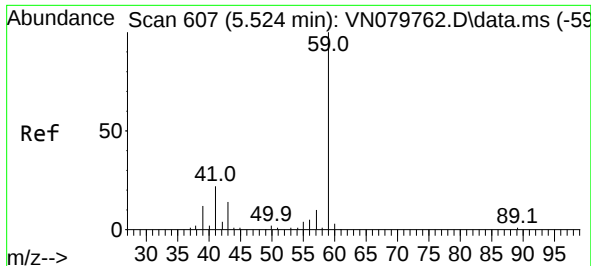
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#10
Methyl Iodide
Concen: 15.331 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Tgt Ion:142 Resp: 47369
Ion Ratio Lower Upper
142 100
127 51.7 37.6 56.4
141 12.9 11.4 17.0





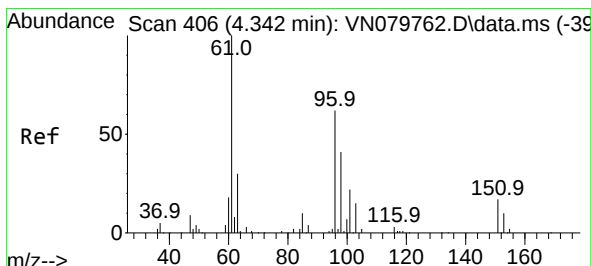
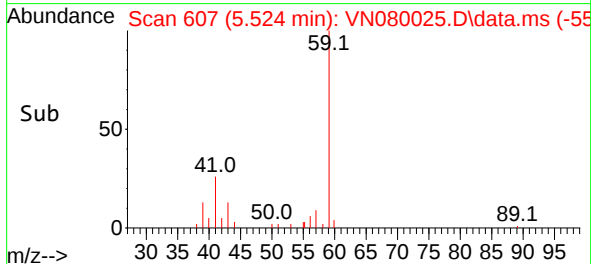
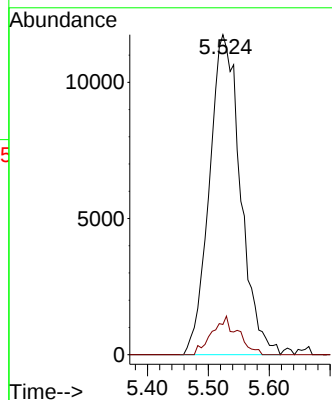
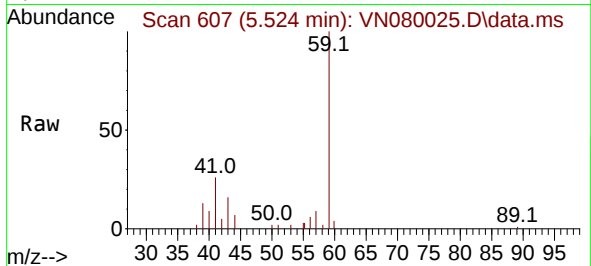
#11
Tert butyl alcohol
Concen: 90.070 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Tgt Ion: 59 Resp: 41690
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

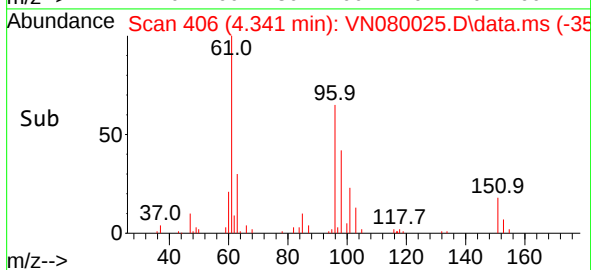
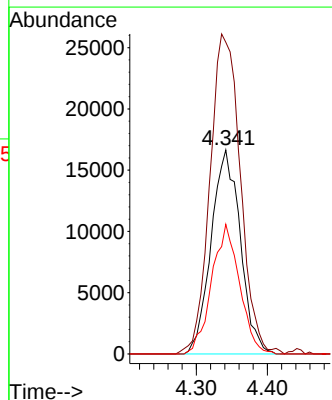
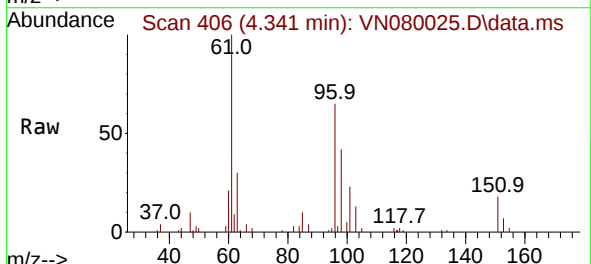
Manual Integrations
APPROVED

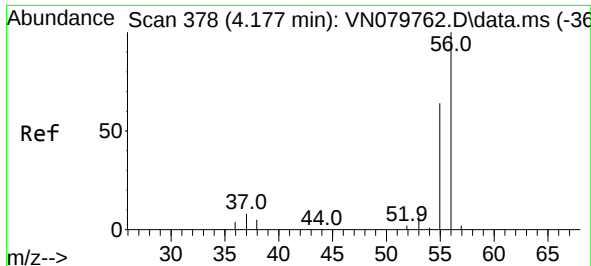
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#12
1,1-Dichloroethene
Concen: 18.518 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

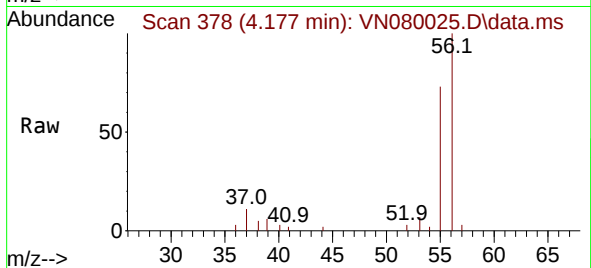
Tgt Ion: 96 Resp: 47439
Ion Ratio Lower Upper
96 100
61 151.7 112.7 169.1
98 63.5 51.2 76.8





#13
Acrolein
Concen: 101.176 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

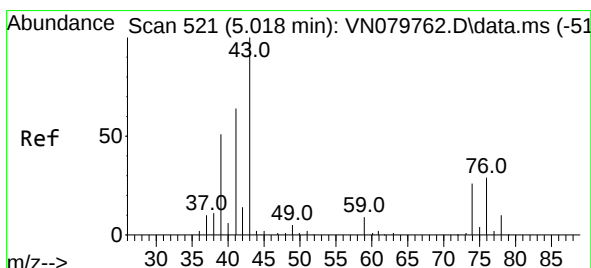
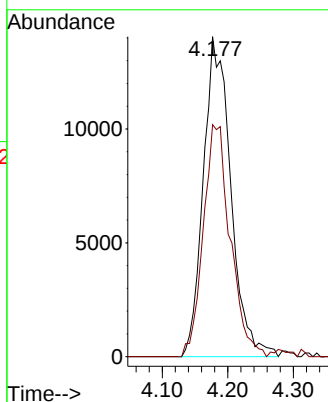
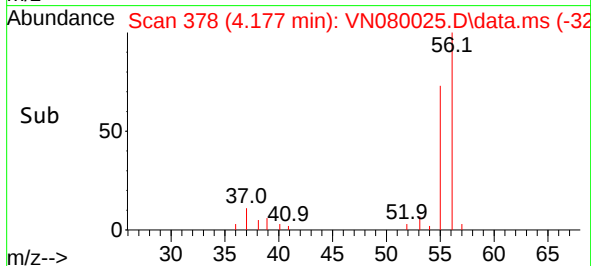
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



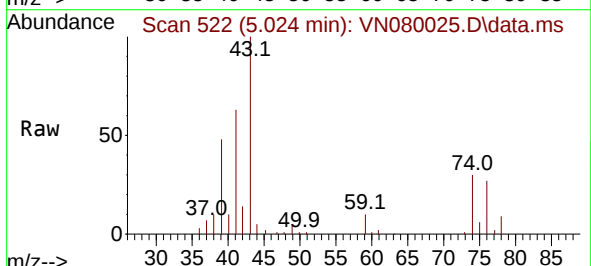
Tgt Ion: 56 Resp: 40780
Ion Ratio Lower Upper
56 100
55 71.5 54.5 81.7

Manual Integrations
APPROVED

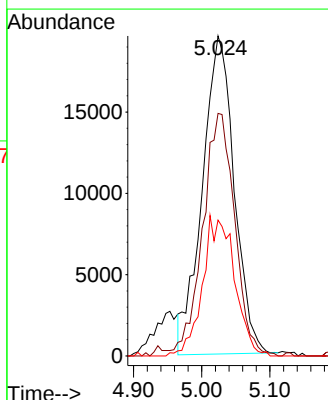
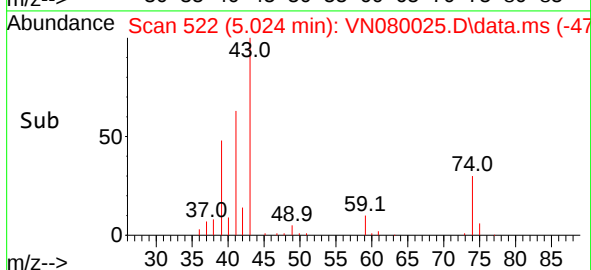
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

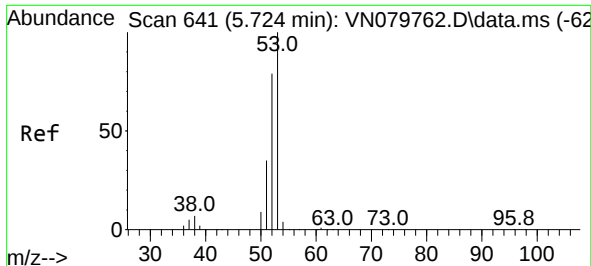


#14
Allyl chloride
Concen: 16.230 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23



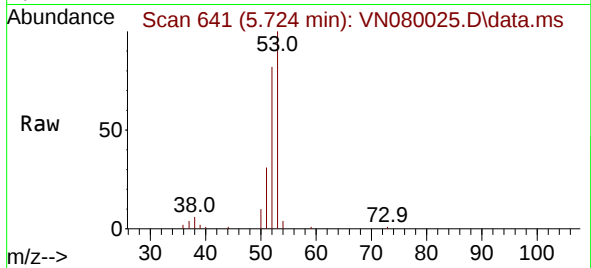
Tgt Ion: 41 Resp: 63681
Ion Ratio Lower Upper
41 100
39 76.4 58.8 88.2
76 44.0 39.1 58.7





#15
Acrylonitrile
Concen: 94.560 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

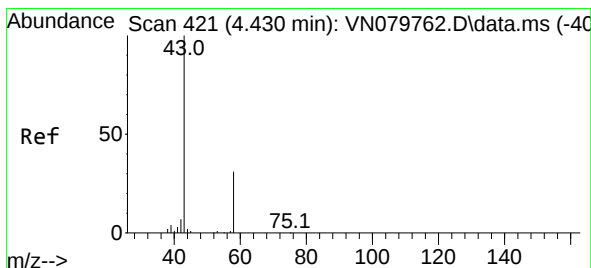
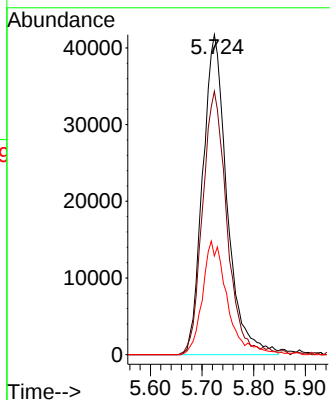
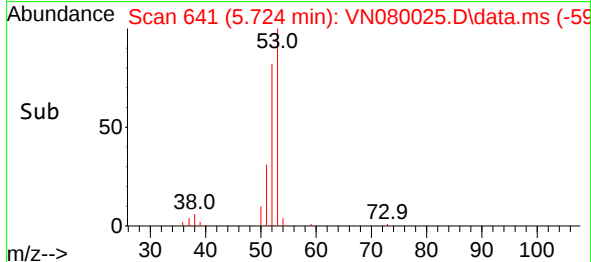
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



Tgt Ion: 53 Resp: 136397
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 36.5 28.9 43.3

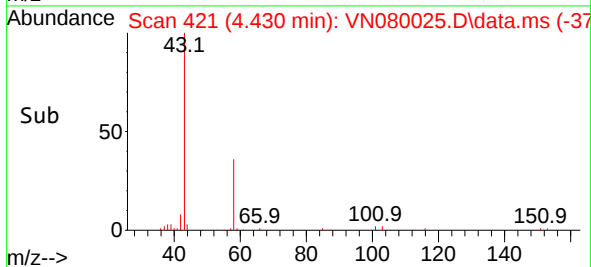
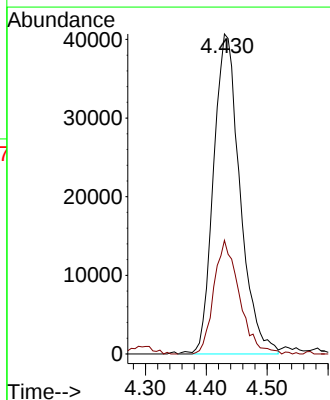
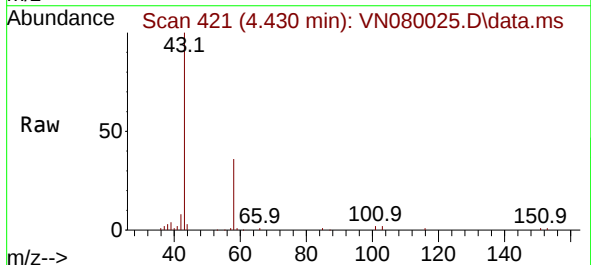
Manual Integrations
APPROVED

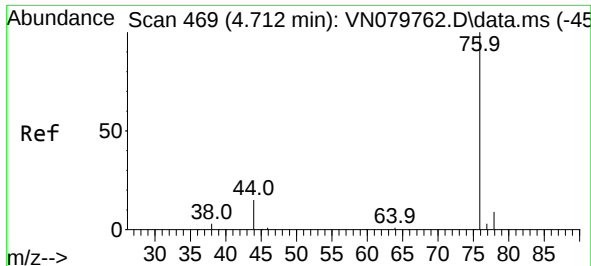
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#16
Acetone
Concen: 96.503 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

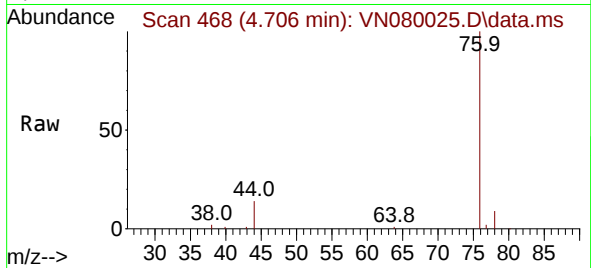
Tgt Ion: 43 Resp: 122909
Ion Ratio Lower Upper
43 100
58 35.5 28.0 42.0





#17
Carbon Disulfide
Concen: 15.254 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

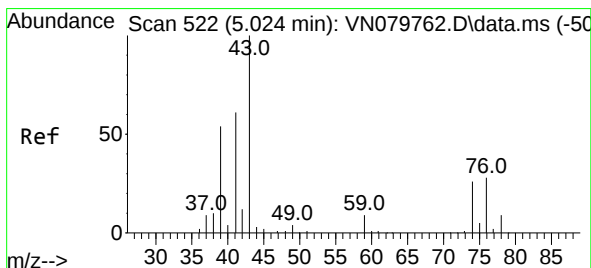
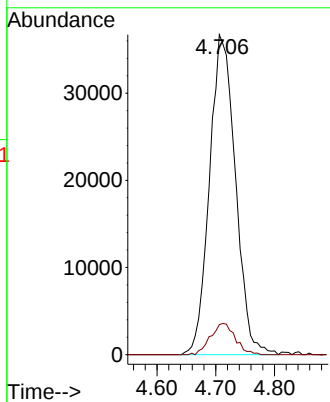
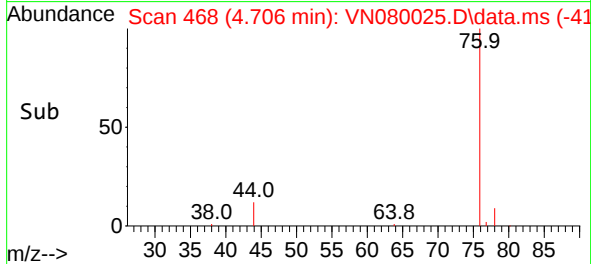
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



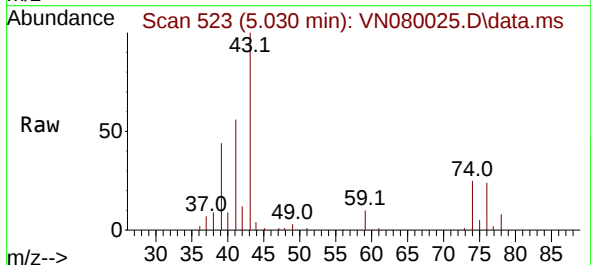
Tgt Ion: 76 Resp: 112719
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

Manual Integrations
APPROVED

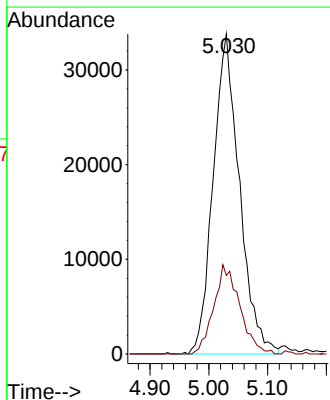
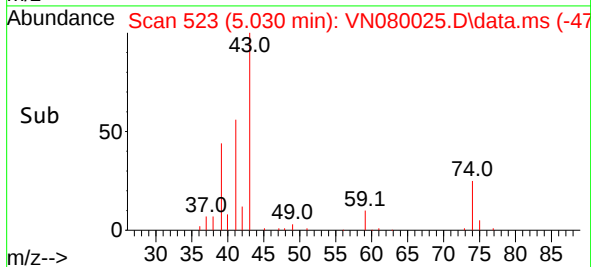
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

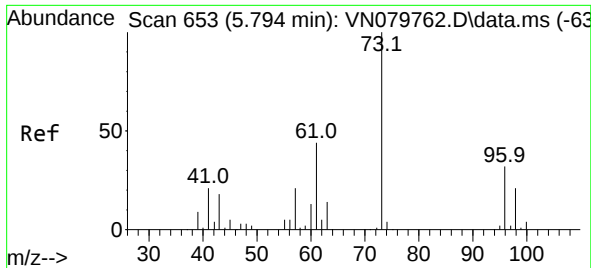


#18
Methyl Acetate
Concen: 17.196 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23



Tgt Ion: 43 Resp: 104780
Ion Ratio Lower Upper
43 100
74 27.6 26.2 39.4





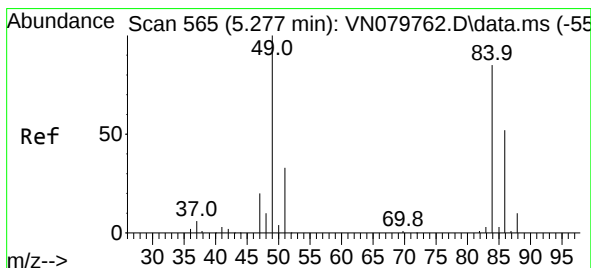
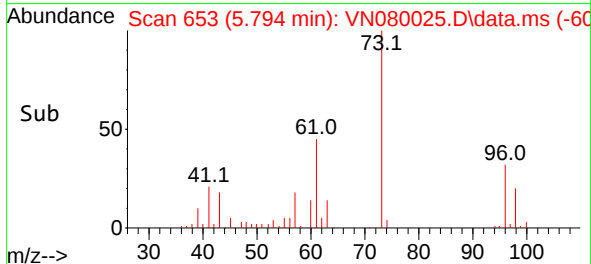
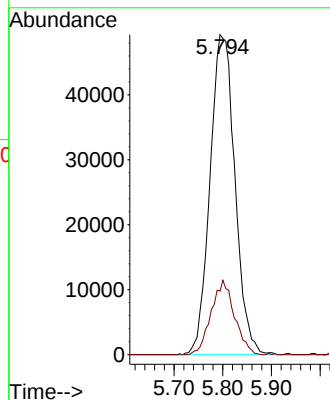
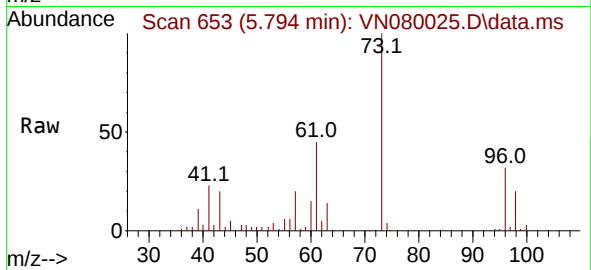
#19
Methyl tert-butyl Ether
Concen: 19.864 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Tgt Ion: 73 Resp: 17519
Ion Ratio Lower Upper
73 100
57 19.8 15.6 23.4

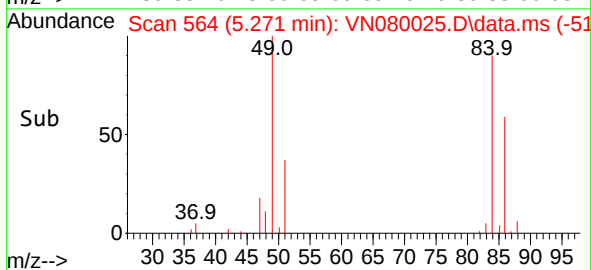
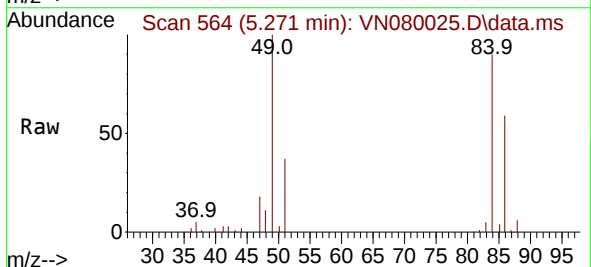
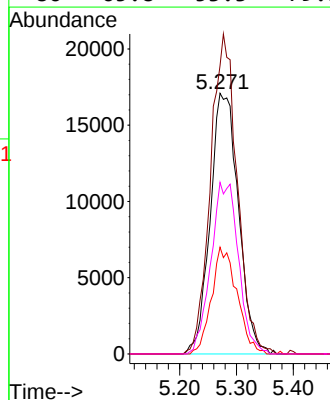
Manual Integrations
APPROVED

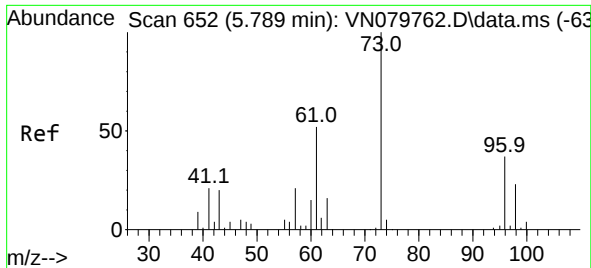
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#20
Methylene Chloride
Concen: 18.320 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Tgt Ion: 84 Resp: 58875
Ion Ratio Lower Upper
84 100
49 110.7 79.7 119.5
51 40.9 25.2 37.8#
86 65.8 53.3 79.9





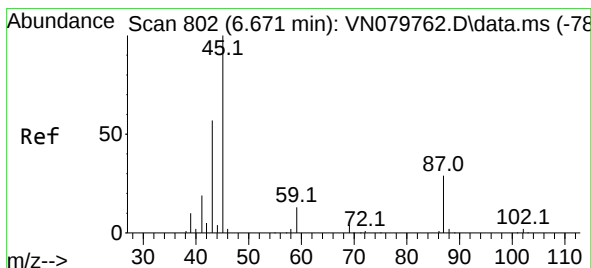
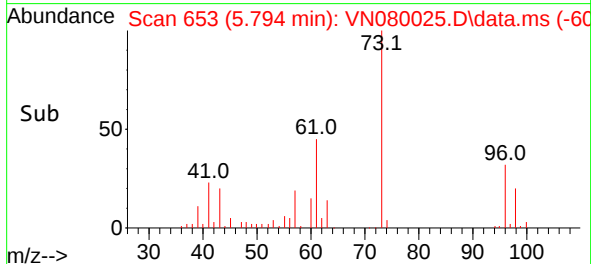
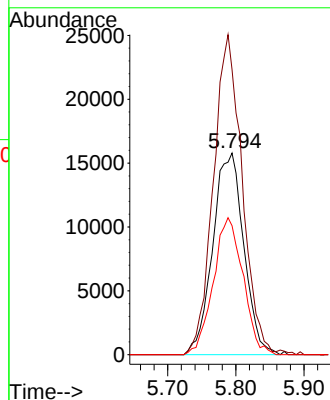
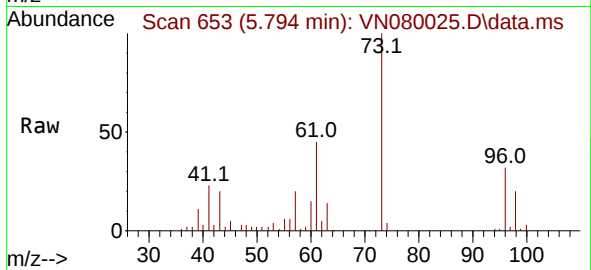
#21
trans-1,2-Dichloroethene
Concen: 17.450 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Tgt Ion: 96 Resp: 4985
Ion Ratio Lower Upper
96 100
61 141.5 90.1 135.1
98 64.0 46.4 69.6

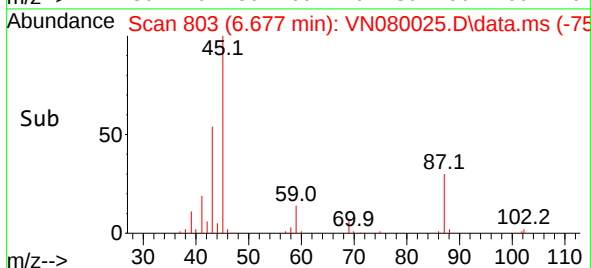
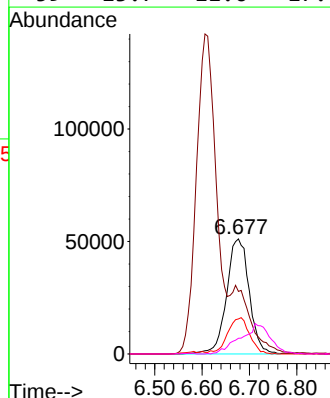
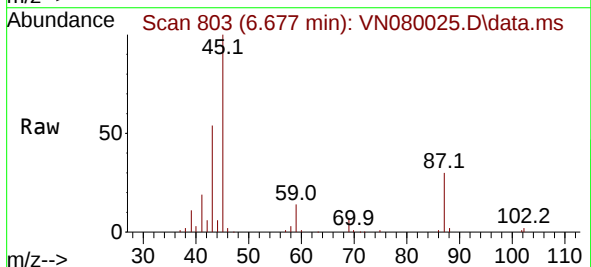
Manual Integrations
APPROVED

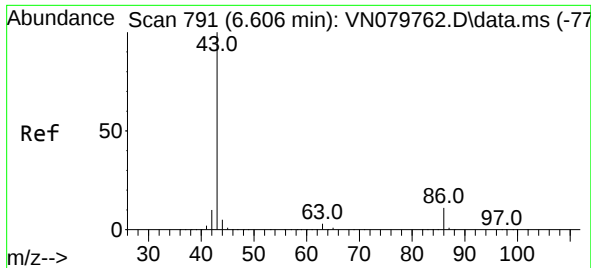
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#22
Diisopropyl ether
Concen: 18.655 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Tgt Ion: 45 Resp: 169622
Ion Ratio Lower Upper
45 100
43 52.0 45.5 68.3
87 30.5 31.8 47.8#
59 13.7 11.6 17.4





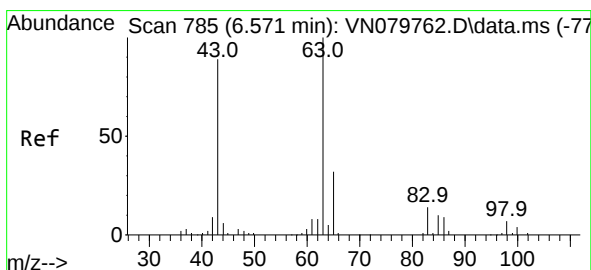
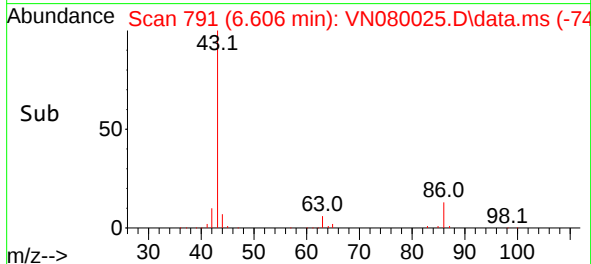
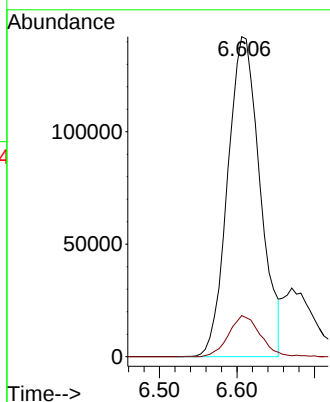
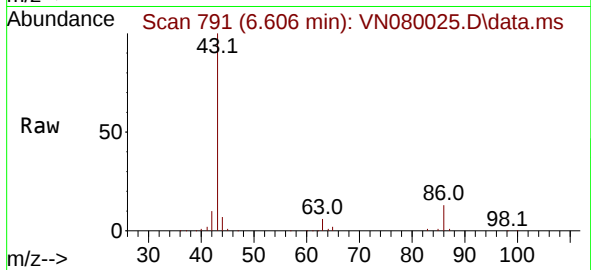
#23
 Vinyl Acetate
 Concen: 82.549 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN080025.D
 Acq: 09 Nov 2023 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

Tgt Ion: 43 Resp: 414020
 Ion Ratio Lower Upper
 43 100
 86 12.9 13.0 19.6

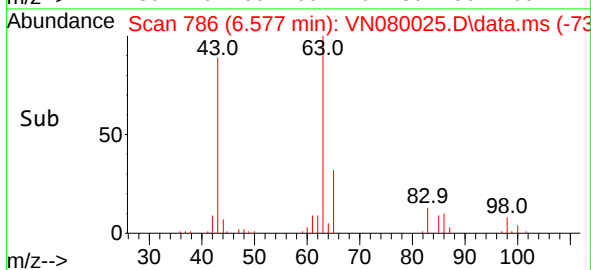
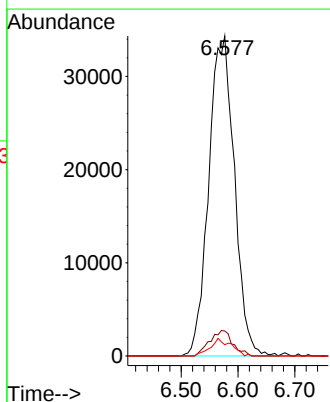
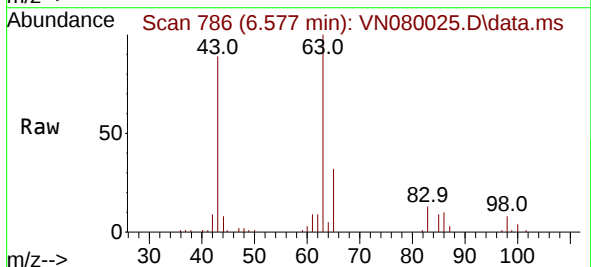
Manual Integrations
 APPROVED

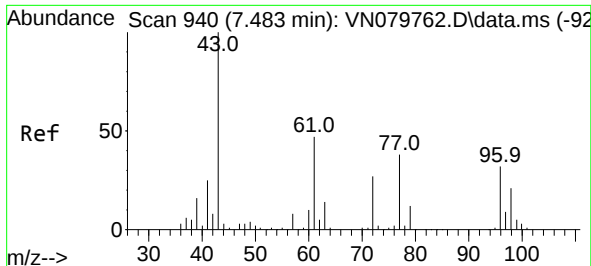
Reviewed By :John Carlone 11/10/2023
 Supervised By :Mahesh Dadoda 11/10/2023



#24
 1,1-Dichloroethane
 Concen: 19.446 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN080025.D
 Acq: 09 Nov 2023 16:23

Tgt Ion: 63 Resp: 107468
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 3.5 2.5 7.4





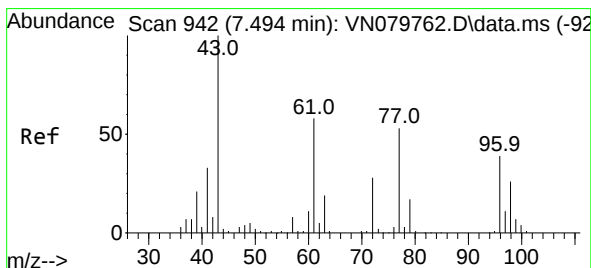
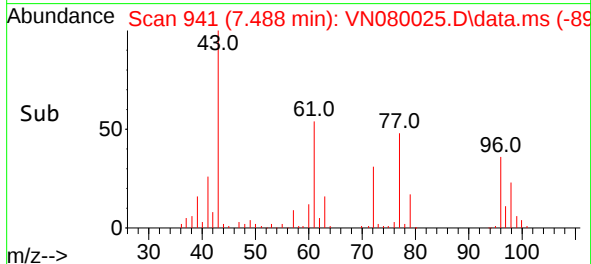
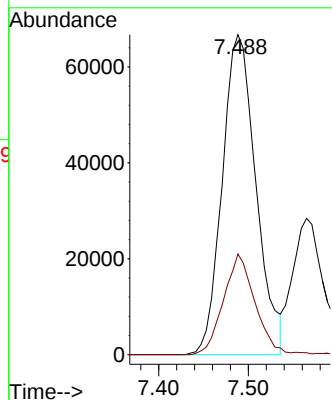
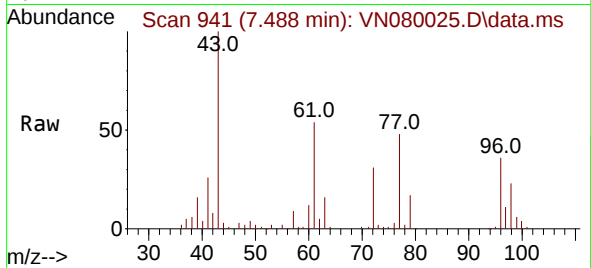
#25
2-Butanone
Concen: 93.521 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Tgt Ion: 43 Resp: 17442
Ion Ratio Lower Upper
43 100
72 31.4 30.2 45.2

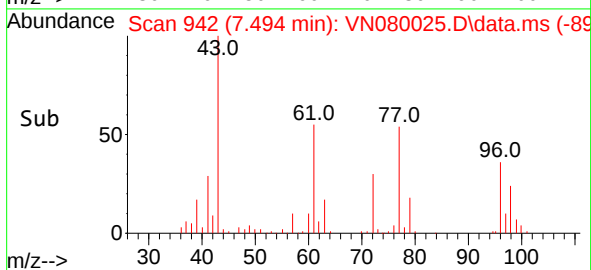
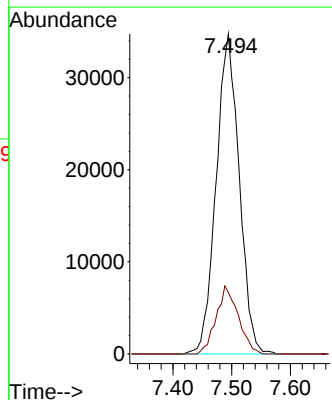
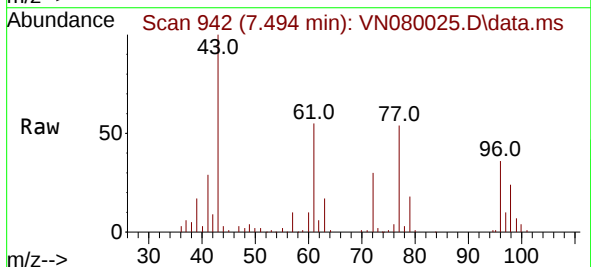
Manual Integrations
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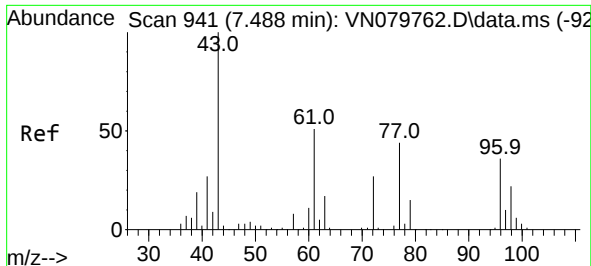
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#26
2,2-Dichloropropane
Concen: 20.703 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

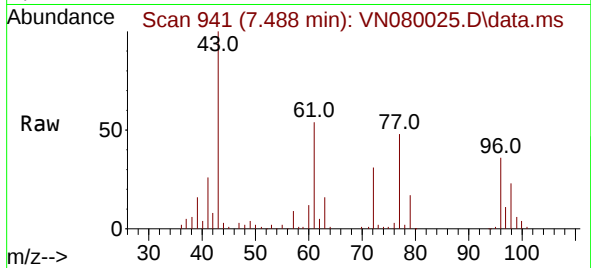
Tgt Ion: 77 Resp: 94627
Ion Ratio Lower Upper
77 100
97 20.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.896 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080025.D
 Acq: 09 Nov 2023 16:23

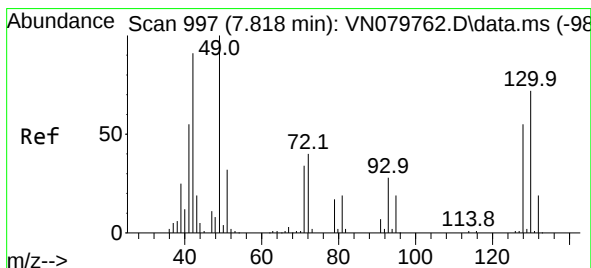
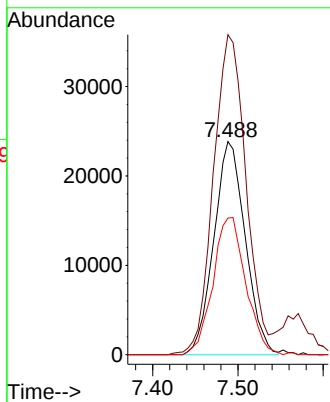
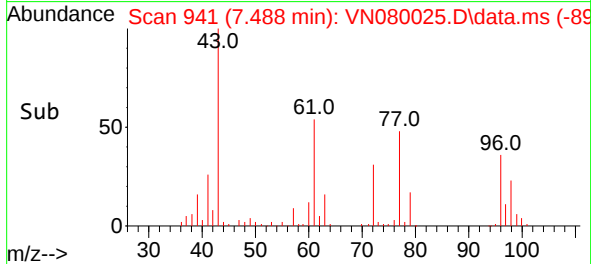
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01



Tgt Ion: 96 Resp: 6116
 Ion Ratio Lower Upper
 96 100
 61 156.3 0.0 255.2
 98 67.2 0.0 128.8

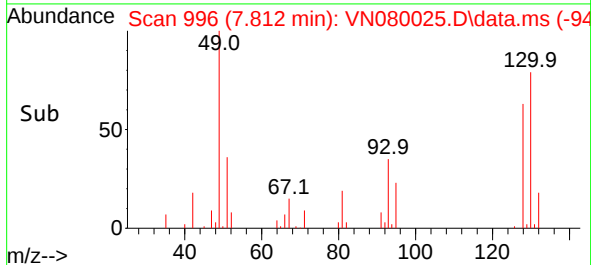
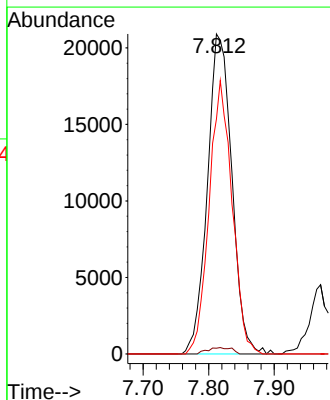
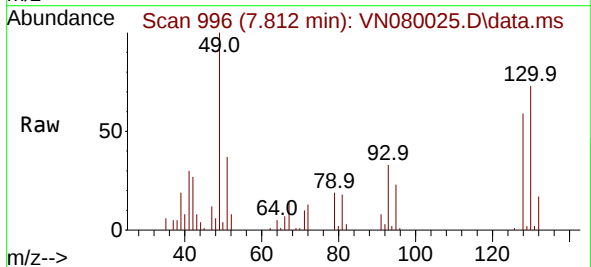
Manual Integrations
 APPROVED

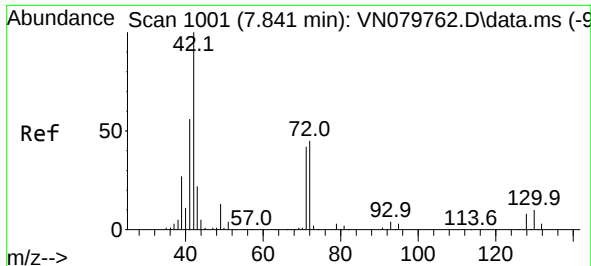
Reviewed By :John Carlone 11/10/2023
 Supervised By :Mahesh Dadoda 11/10/2023



#28
 Bromochloromethane
 Concen: 20.094 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080025.D
 Acq: 09 Nov 2023 16:23

Tgt Ion: 49 Resp: 54120
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 80.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 86.823 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

Tgt Ion: 42 Resp: 105354

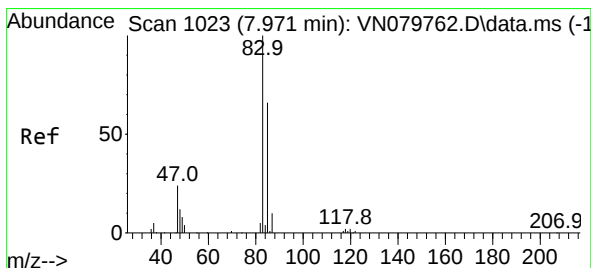
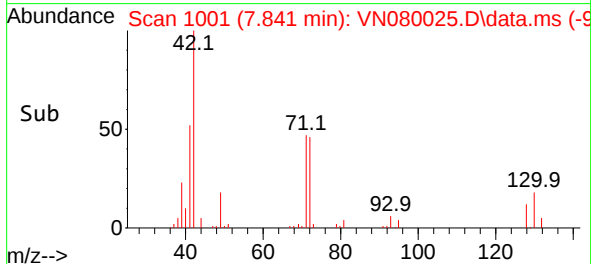
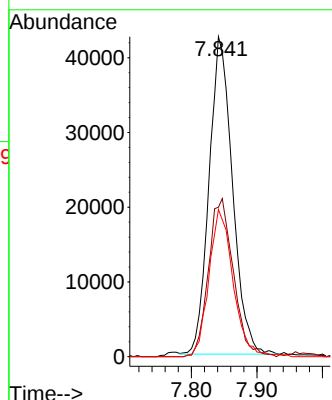
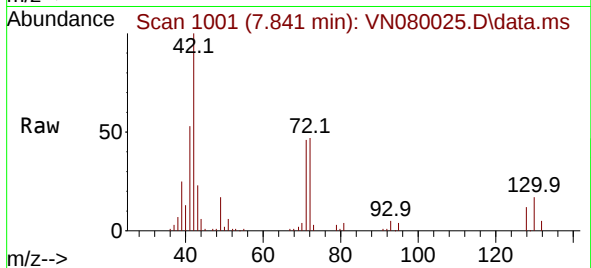
Ion	Ratio	Lower	Upper
42	100		
72	52.8	49.8	74.6
71	47.6	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#30

Chloroform

Concen: 19.661 ug/l

RT: 7.971 min Scan# 1023

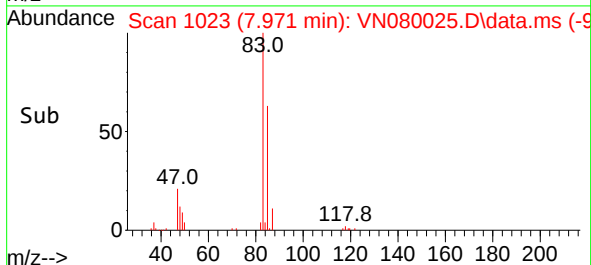
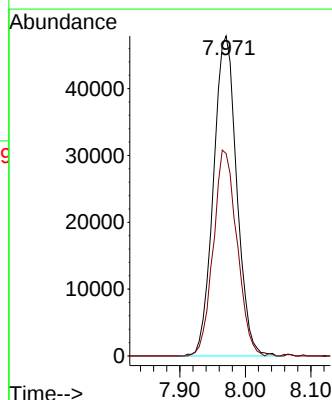
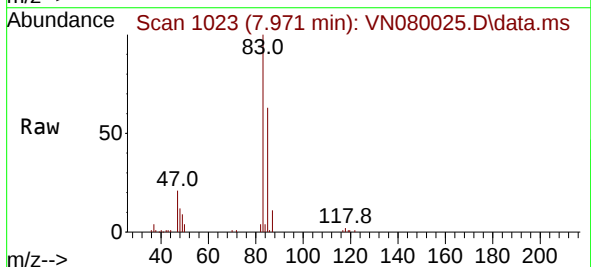
Delta R.T. 0.000 min

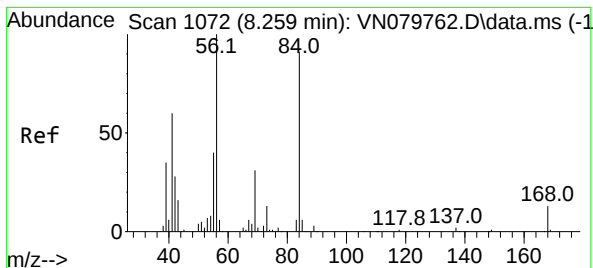
Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Tgt Ion: 83 Resp: 118027

Ion	Ratio	Lower	Upper
83	100		
85	63.2	55.4	83.0





#31

Cyclohexane

Concen: 16.594 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

Tgt Ion: 56 Resp: 79509

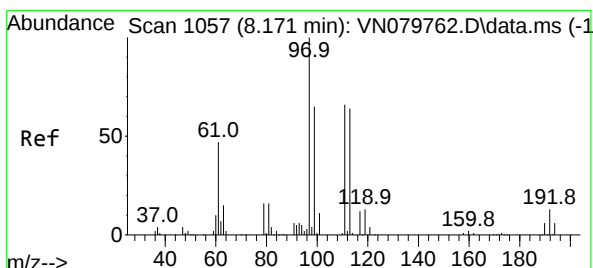
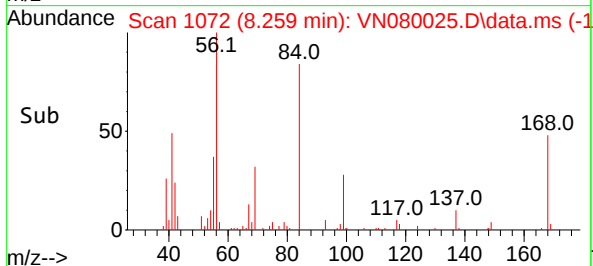
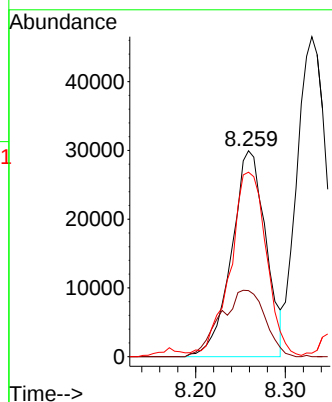
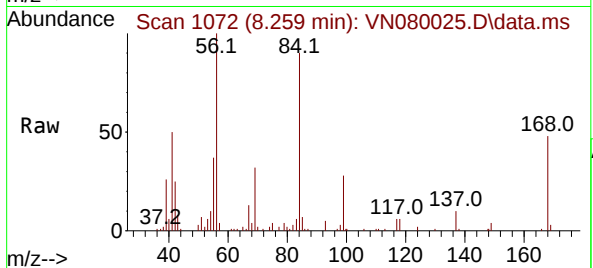
Ion	Ratio	Lower	Upper
56	100		
69	32.1	26.8	40.2
84	87.2	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#32

1,1,1-Trichloroethane

Concen: 21.126 ug/l

RT: 8.171 min Scan# 1057

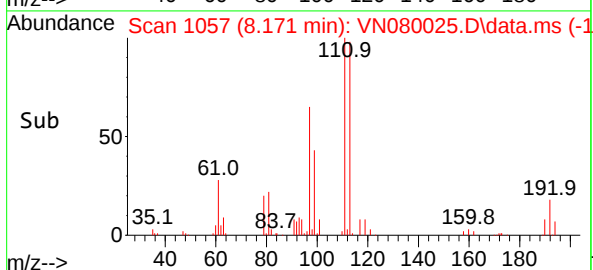
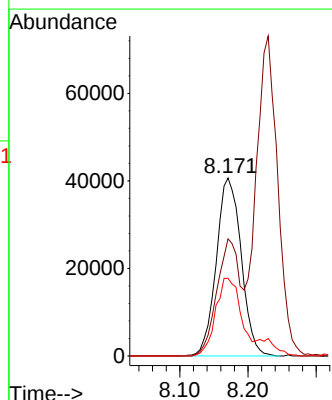
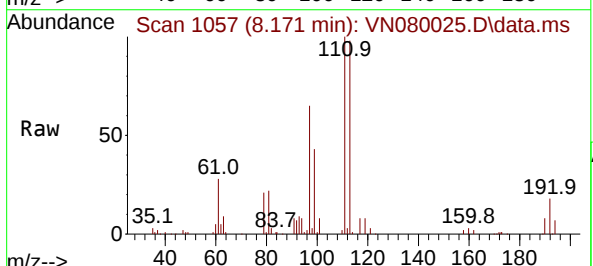
Delta R.T. 0.000 min

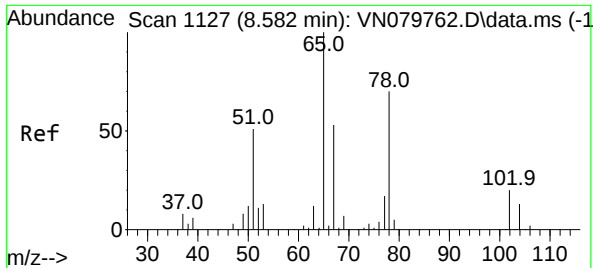
Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Tgt Ion: 97 Resp: 103335

Ion	Ratio	Lower	Upper
97	100		
99	61.4	50.3	75.5
61	45.1	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 52.466 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

Tgt Ion: 65 Resp: 190230

Ion Ratio Lower Upper

65 100

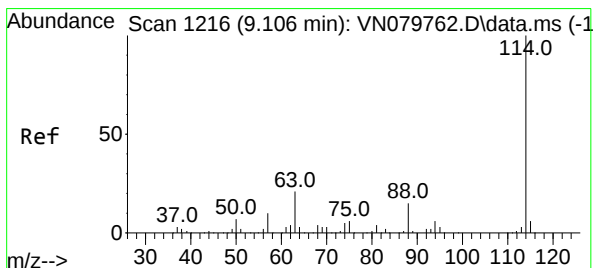
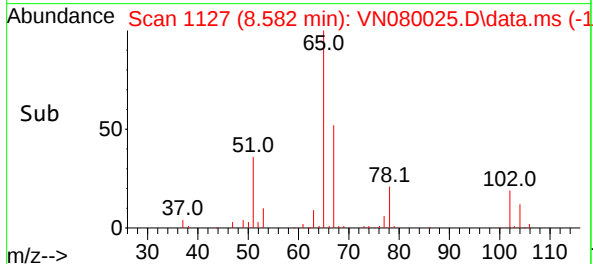
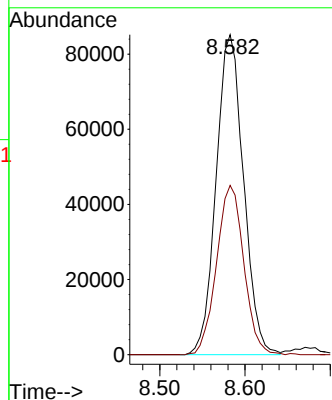
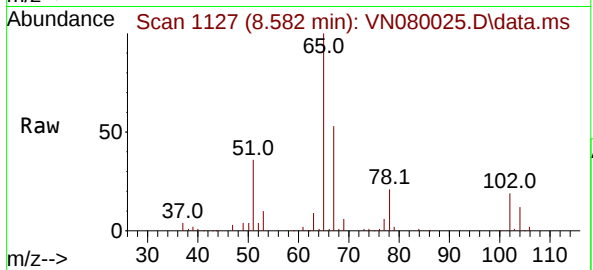
67 52.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

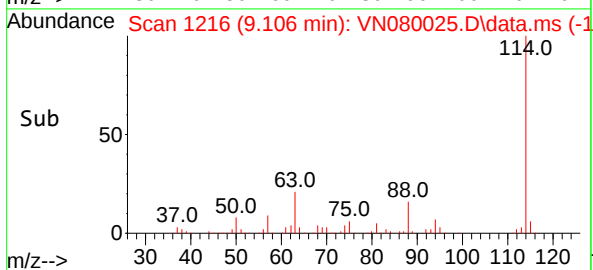
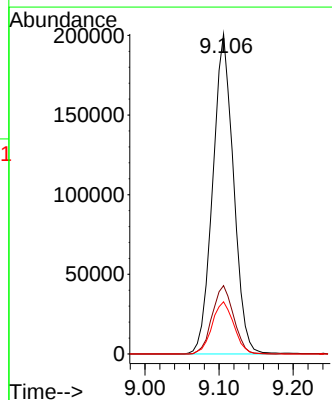
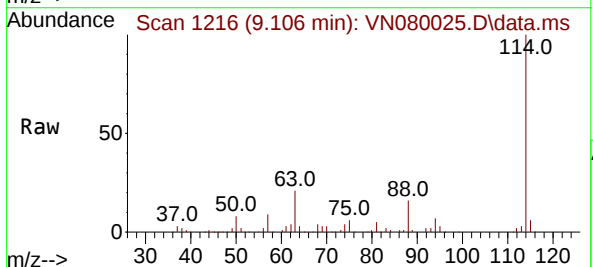
Tgt Ion:114 Resp: 390385

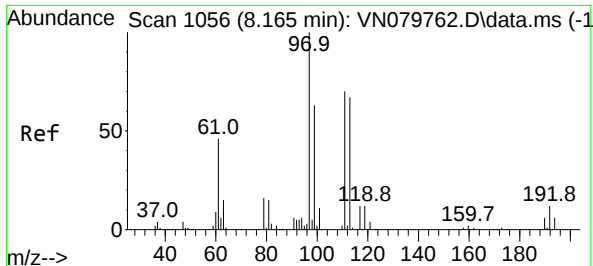
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

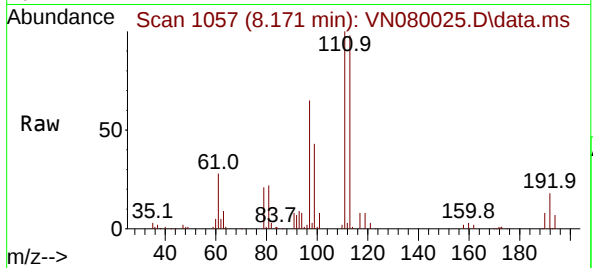
88 16.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.566 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

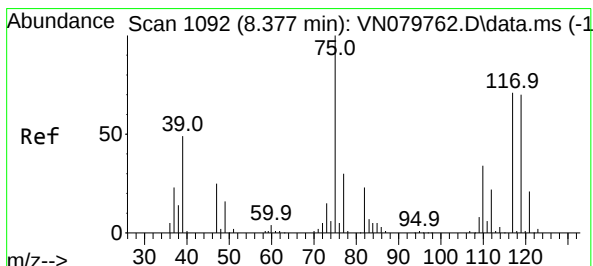
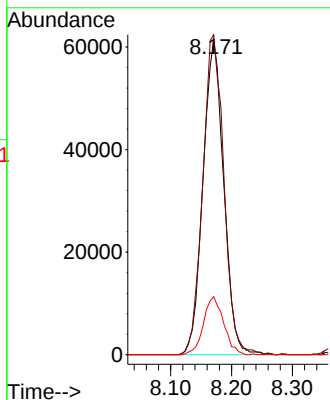
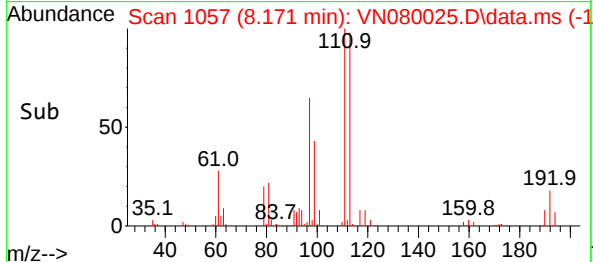
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



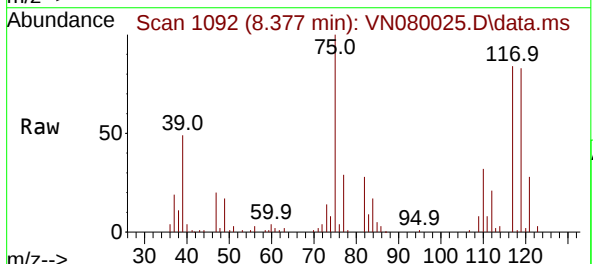
Tgt Ion: 113 Resp: 145238
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 17.9 12.7 19.1

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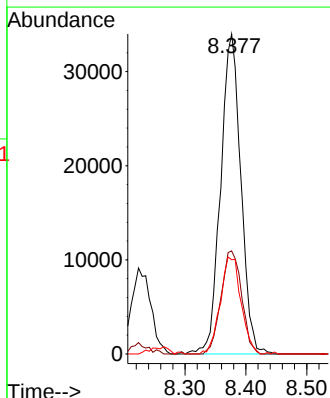
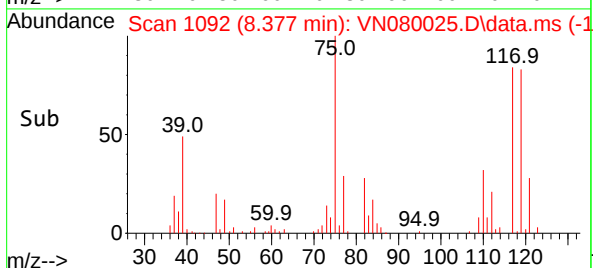
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

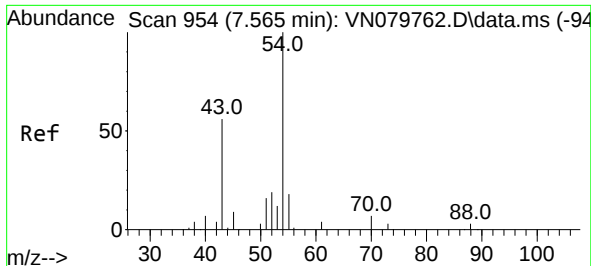


#36
1,1-Dichloropropene
Concen: 19.906 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23



Tgt Ion: 75 Resp: 78531
Ion Ratio Lower Upper
75 100
110 32.9 19.1 57.3
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 18.929 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Instrument :

MSVOA_N

ClientSampleId :

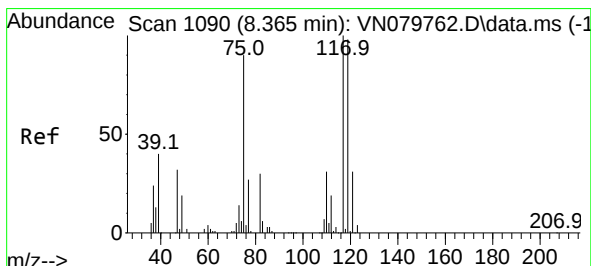
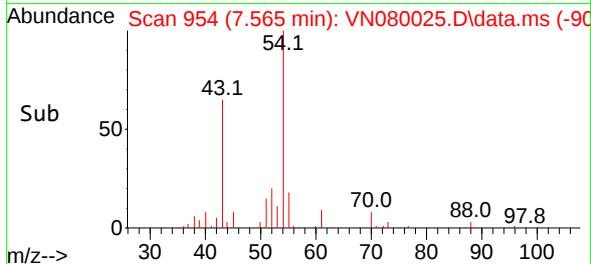
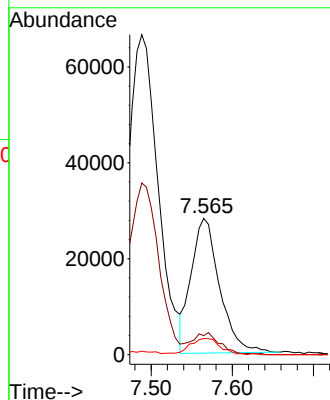
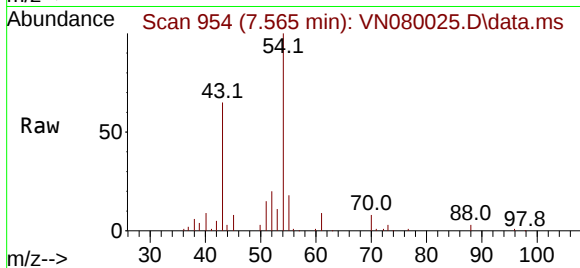
VN1109WBS01

Tgt Ion: 43 Resp: 6848

Ion	Ratio	Lower	Upper
43	100		
61	14.0	13.2	19.8
70	12.8	11.3	16.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#38

Carbon Tetrachloride

Concen: 23.397 ug/l

RT: 8.365 min Scan# 1090

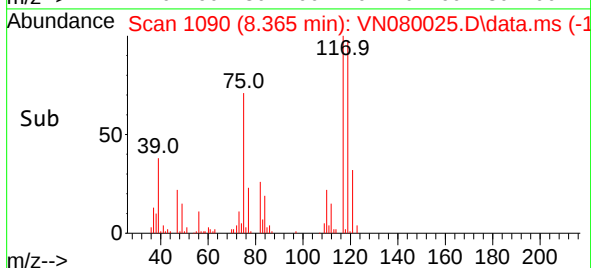
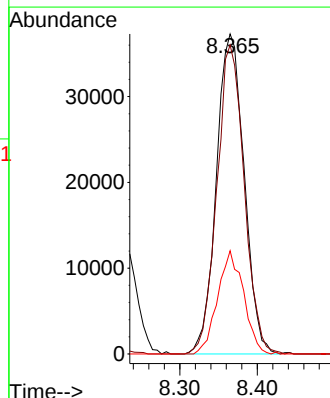
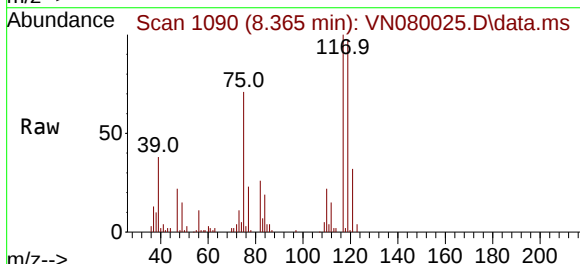
Delta R.T. 0.006 min

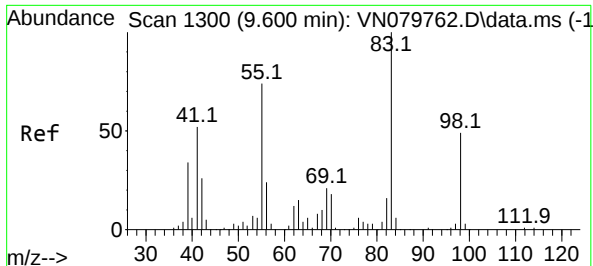
Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Tgt Ion:117 Resp: 93023

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.3	115.9
121	32.2	23.3	34.9





#39

Methylcyclohexane

Concen: 18.766 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

Tgt Ion: 83 Resp: 6967

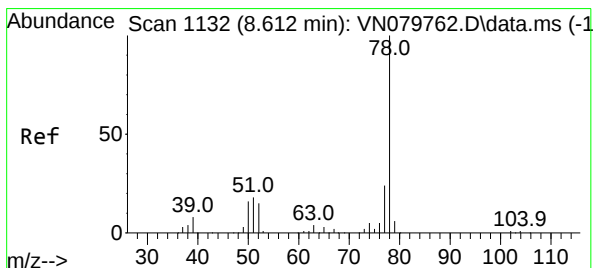
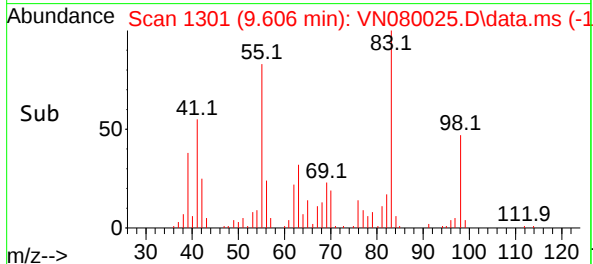
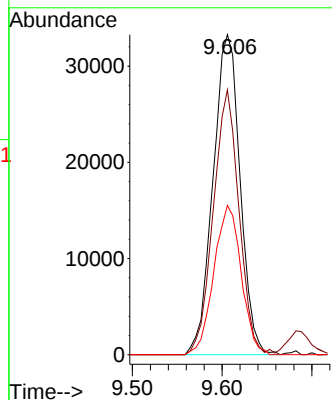
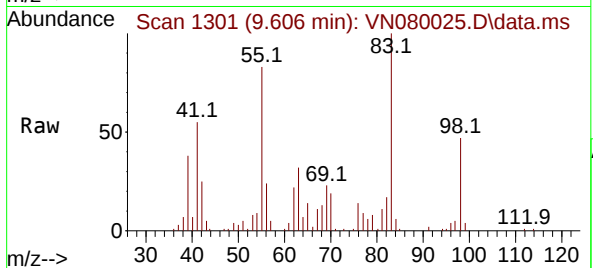
Ion	Ratio	Lower	Upper
83	100		
55	82.7	49.1	73.7
98	46.7	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#40

Benzene

Concen: 20.172 ug/l

RT: 8.612 min Scan# 1132

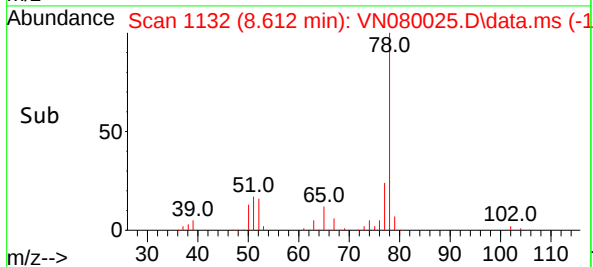
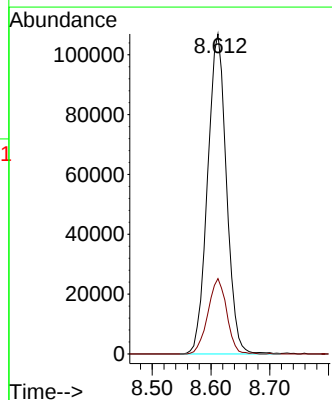
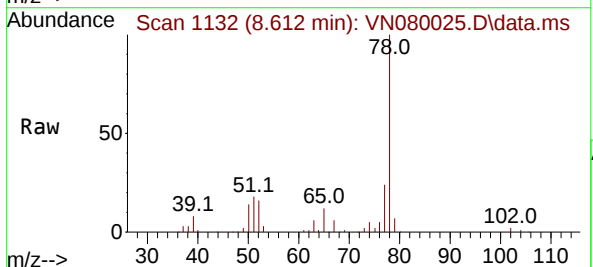
Delta R.T. 0.000 min

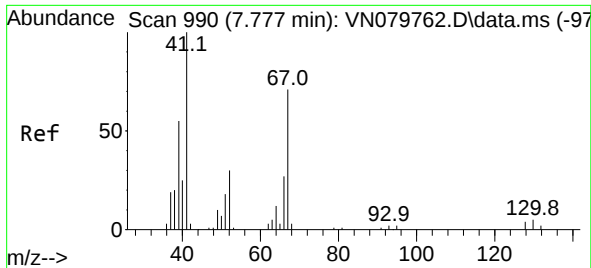
Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Tgt Ion: 78 Resp: 238360

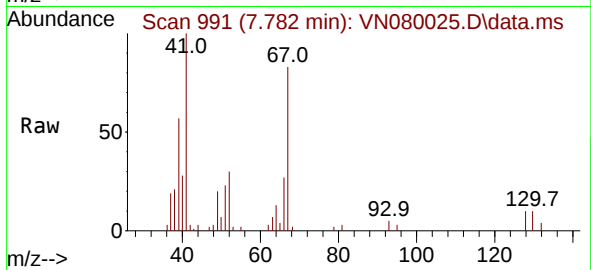
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6





#41
Methacrylonitrile
Concen: 19.674 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

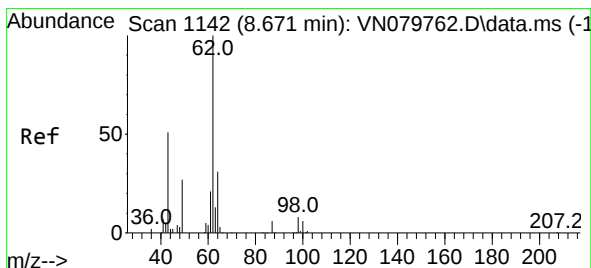
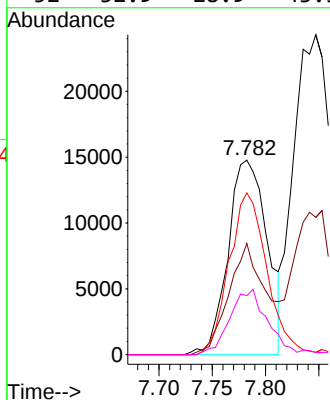
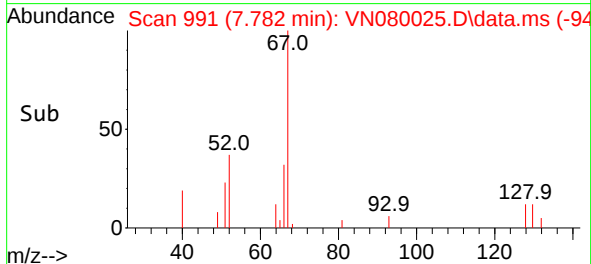
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



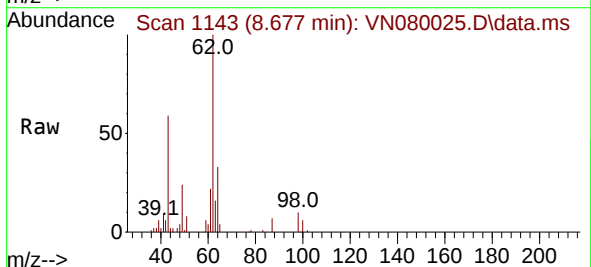
Tgt Ion: 41 Resp: 37799
Ion Ratio Lower Upper
41 100
39 53.8 42.6 64.0
67 80.3 77.5 116.3
52 32.9 28.9 43.3

Manual Integrations
APPROVED

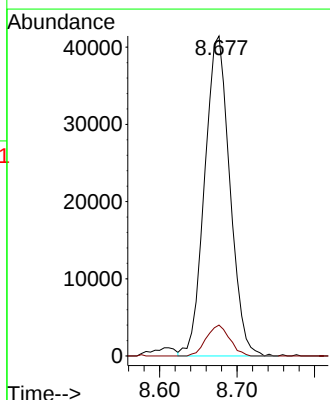
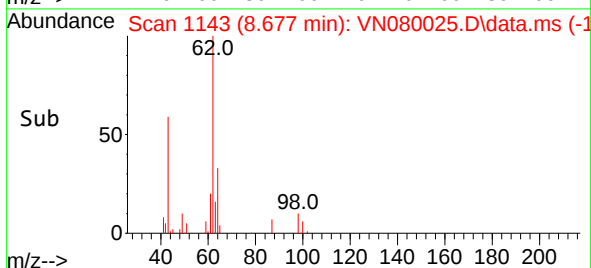
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

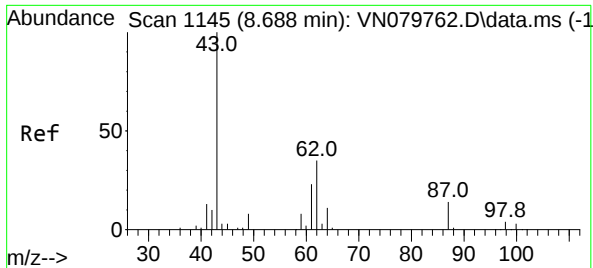


#42
1,2-Dichloroethane
Concen: 22.664 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23



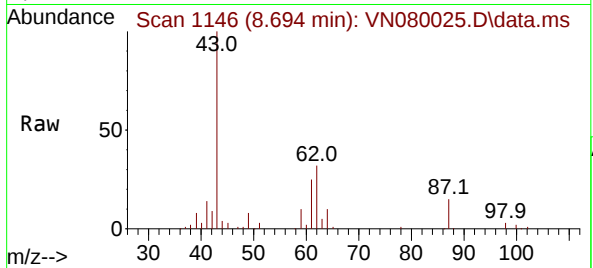
Tgt Ion: 62 Resp: 93544
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 17.420 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

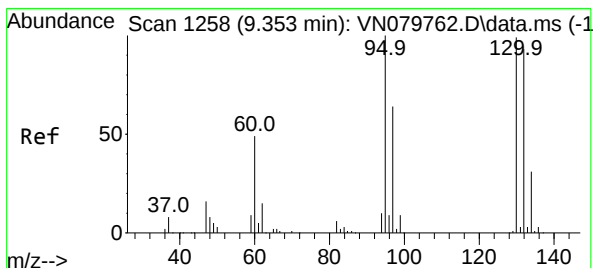
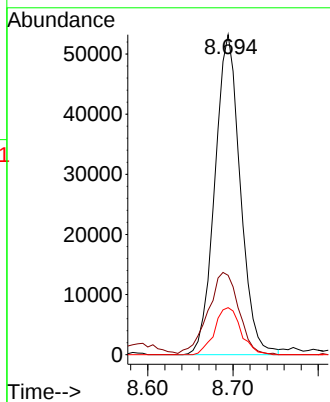
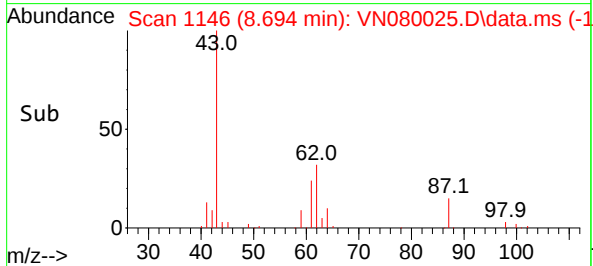
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



Tgt Ion: 43 Resp: 11053
Ion Ratio Lower Upper
43 100
61 31.1 24.7 37.1
87 15.2 14.6 21.8

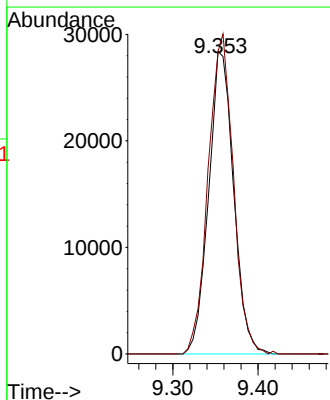
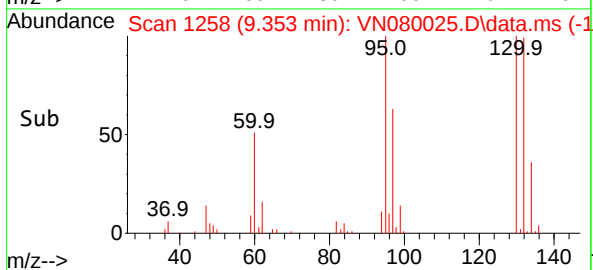
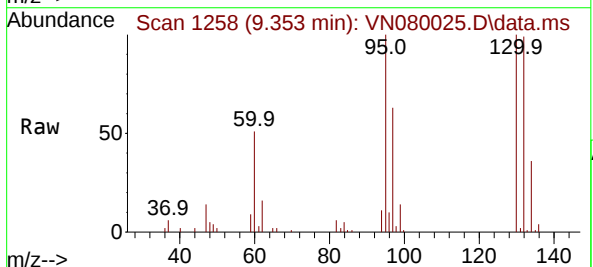
Manual Integrations
APPROVED

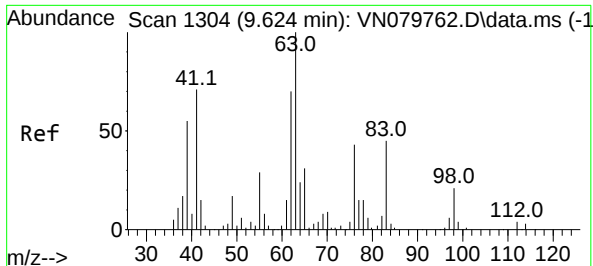
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#44
Trichloroethene
Concen: 19.761 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Tgt Ion:130 Resp: 57940
Ion Ratio Lower Upper
130 100
95 100.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.762 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

Tgt Ion: 63 Resp: 62694

Ion Ratio Lower Upper

63 100

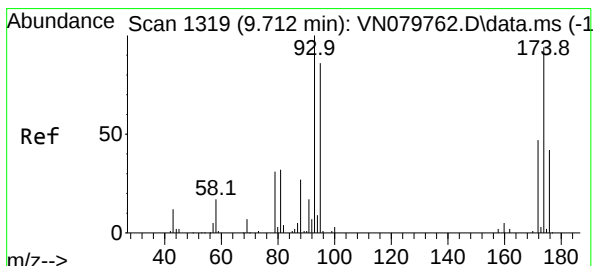
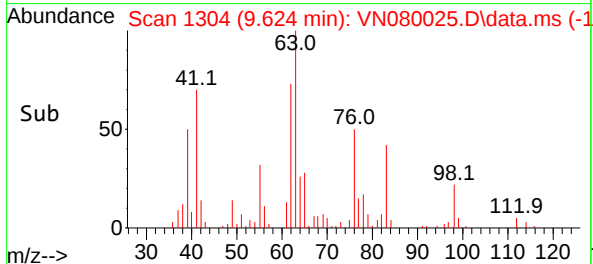
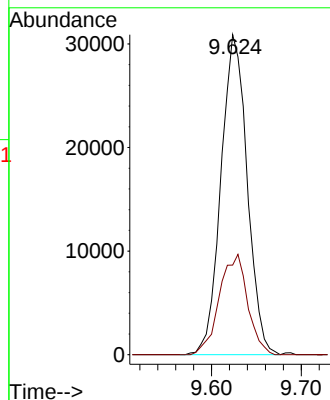
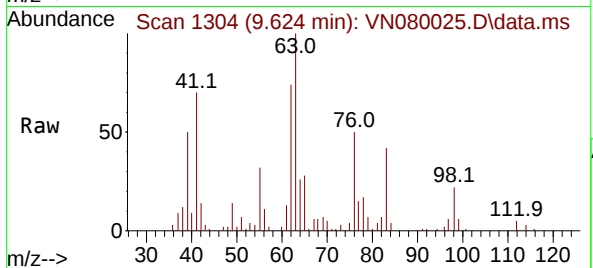
65 28.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#46

Dibromomethane

Concen: 21.299 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

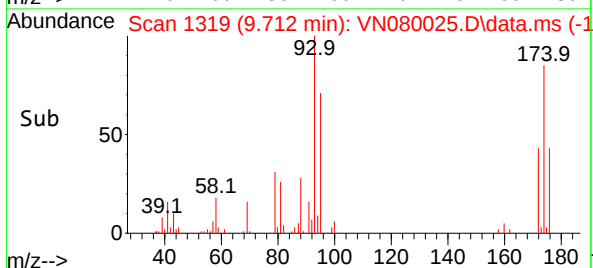
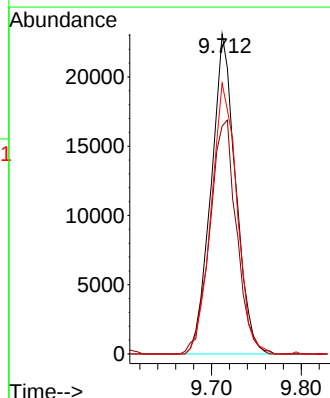
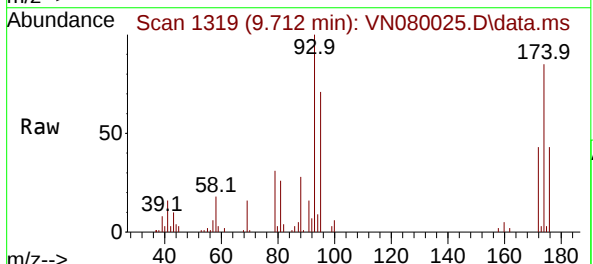
Tgt Ion: 93 Resp: 43916

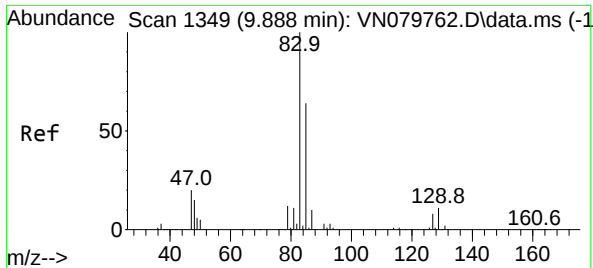
Ion Ratio Lower Upper

93 100

95 79.3 63.8 95.8

174 88.7 65.6 98.4





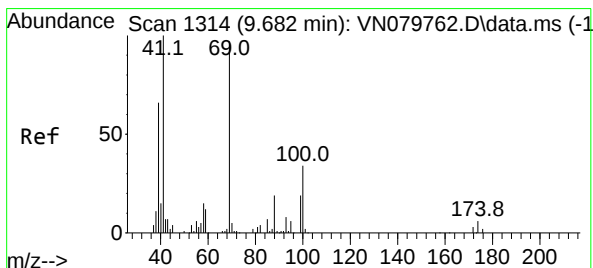
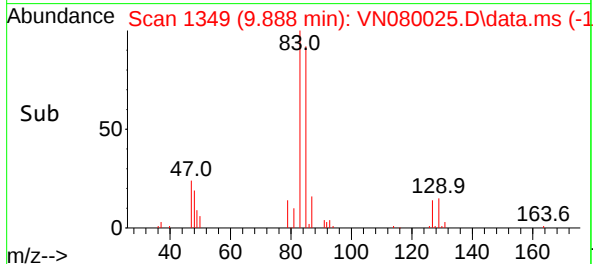
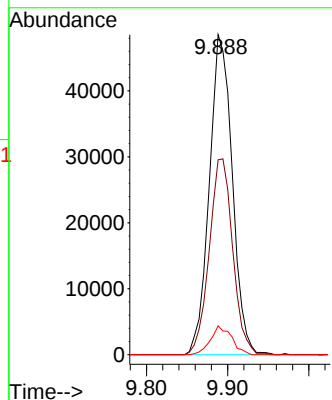
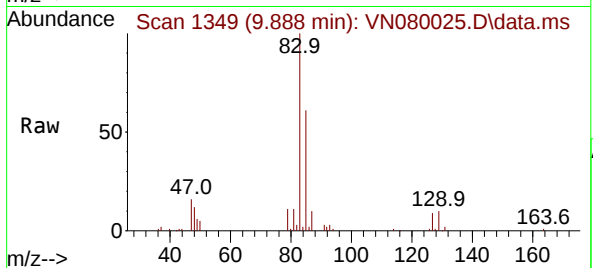
#47
Bromodichloromethane
Concen: 21.676 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Tgt Ion: 83 Resp: 9531
Ion Ratio Lower Upper
83 100
85 60.9 49.6 74.4
127 9.0 7.0 10.6

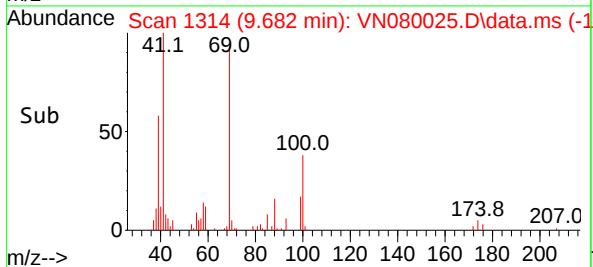
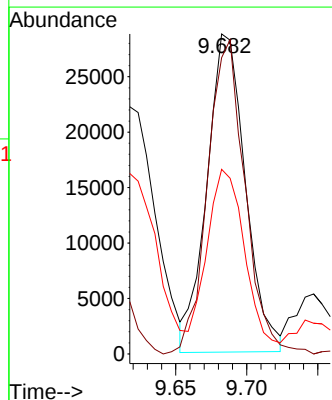
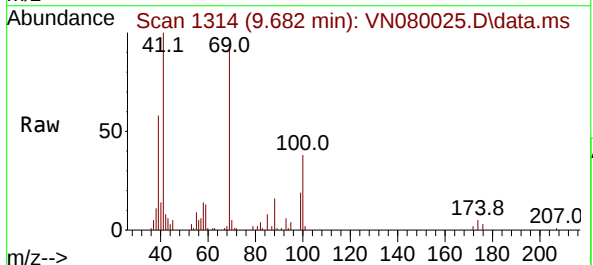
Manual Integrations
APPROVED

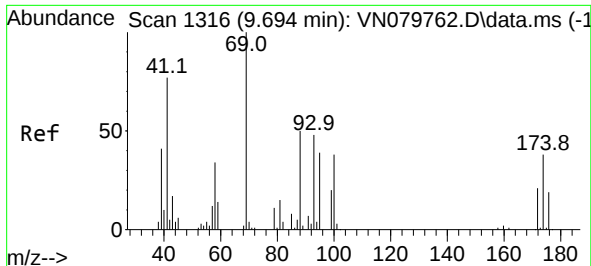
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#48
Methyl methacrylate
Concen: 19.447 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

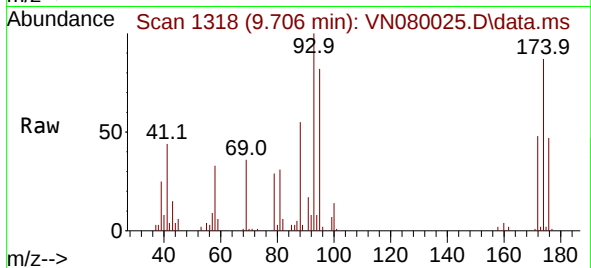
Tgt Ion: 41 Resp: 54047
Ion Ratio Lower Upper
41 100
69 96.2 90.4 135.6
39 57.3 54.6 81.8





#49
1,4-Dioxane
Concen: 426.137 ug/l
RT: 9.706 min Scan# 1316
Delta R.T. 0.012 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

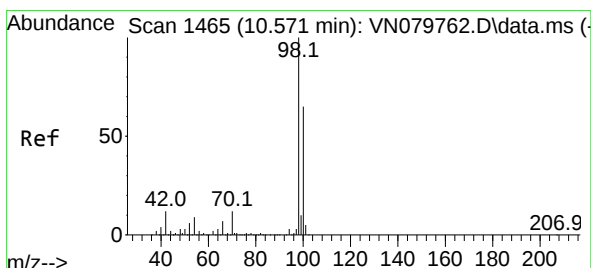
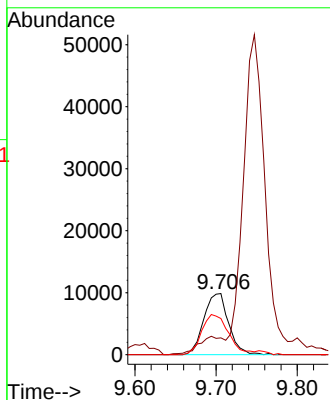
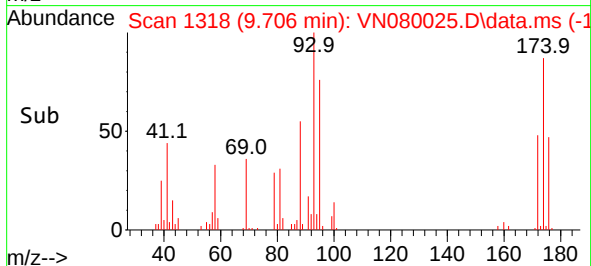
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



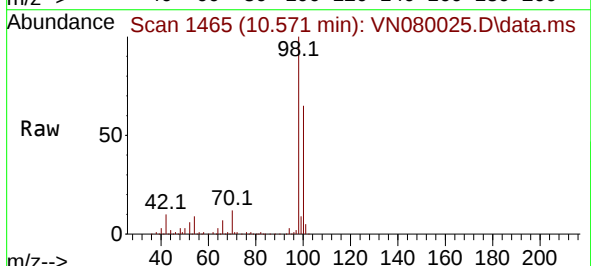
Tgt Ion: 88 Resp: 20927
Ion Ratio Lower Upper
88 100
43 31.3 17.0 25.6
58 71.3 47.0 70.4

Manual Integrations
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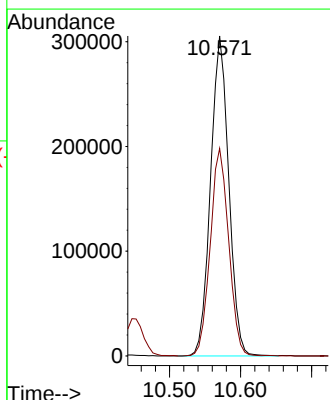
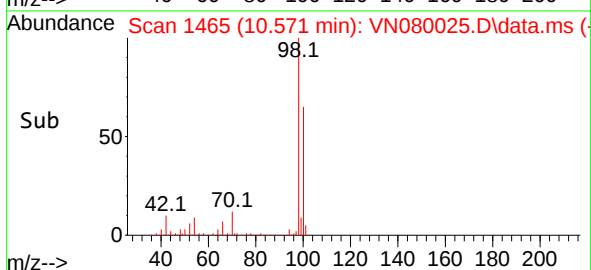
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

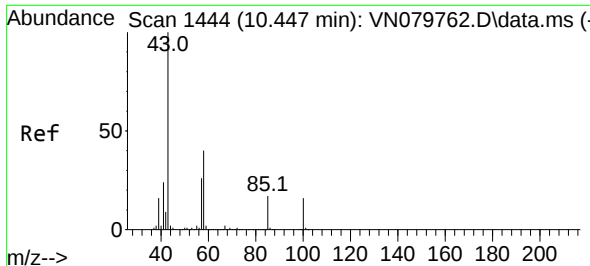


#50
Toluene-d8
Concen: 53.357 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23



Tgt Ion: 98 Resp: 542727
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0





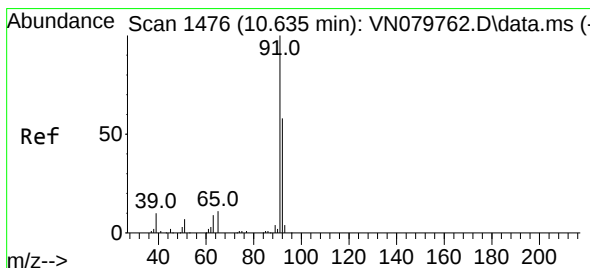
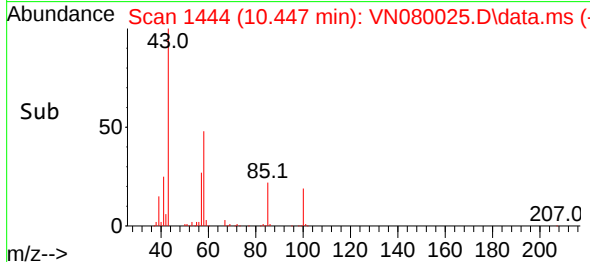
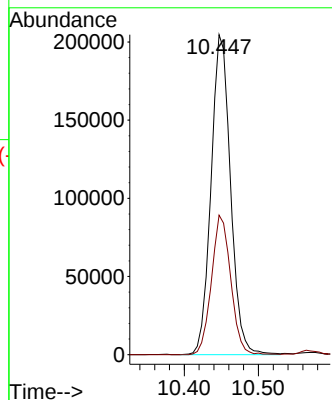
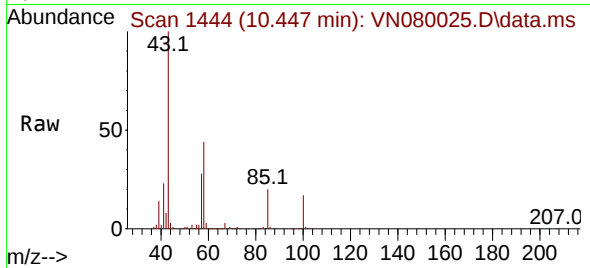
#51
4-Methyl-2-Pentanone
Concen: 104.658 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Tgt Ion: 43 Resp: 37386
Ion Ratio Lower Upper
43 100
58 43.1 36.6 54.8

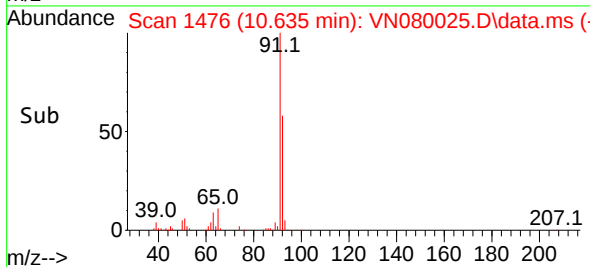
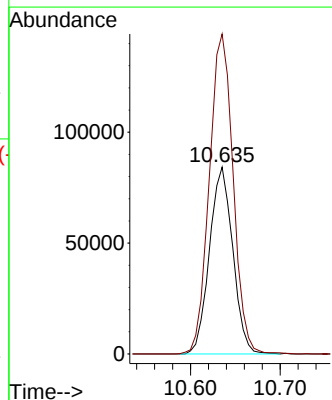
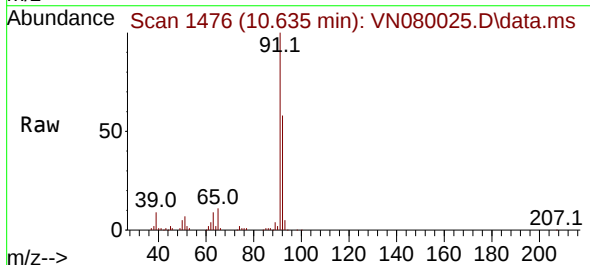
Manual Integrations
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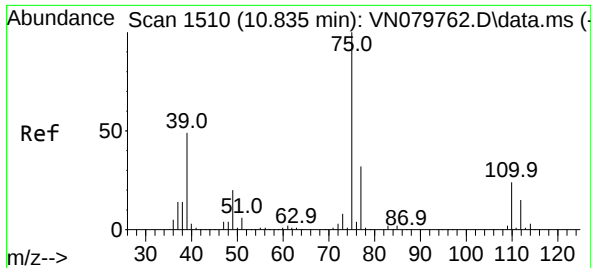
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#52
Toluene
Concen: 21.707 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

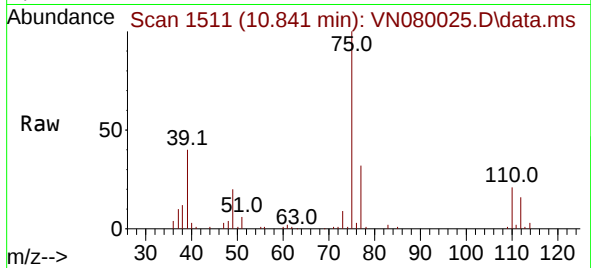
Tgt Ion: 92 Resp: 152059
Ion Ratio Lower Upper
92 100
91 175.0 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 22.125 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080025.D
 Acq: 09 Nov 2023 16:23

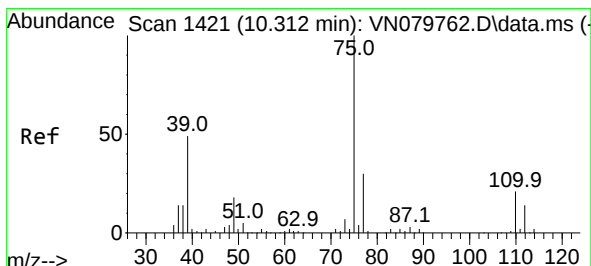
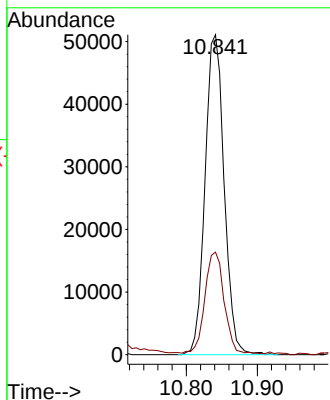
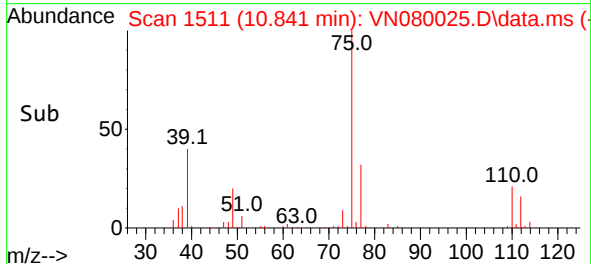
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01



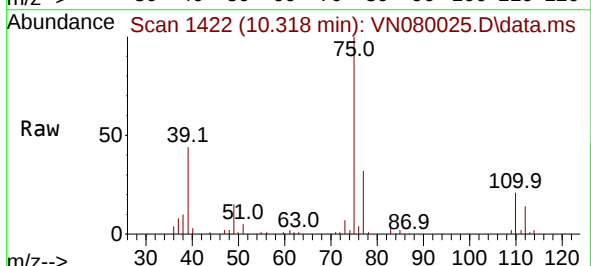
Tgt Ion: 75 Resp: 9537
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0

Manual Integrations
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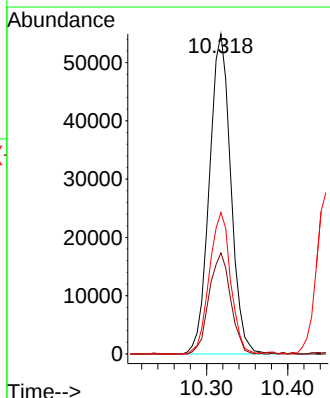
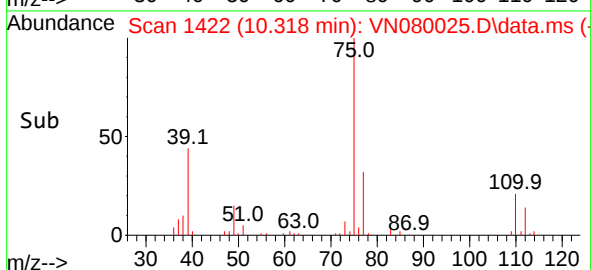
Reviewed By :John Carlone 11/10/2023
 Supervised By :Mahesh Dadoda 11/10/2023

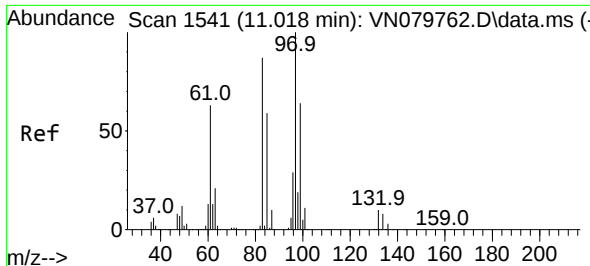


#54
 cis-1,3-Dichloropropene
 Concen: 21.417 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN080025.D
 Acq: 09 Nov 2023 16:23



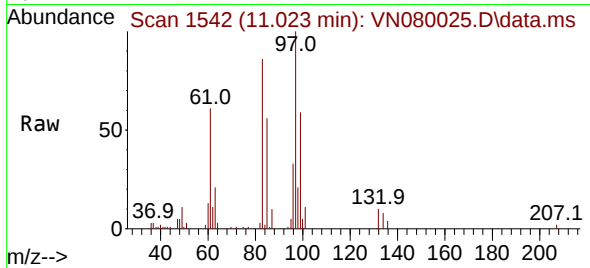
Tgt Ion: 75 Resp: 100629
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.1 39.1
 39 44.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 22.617 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

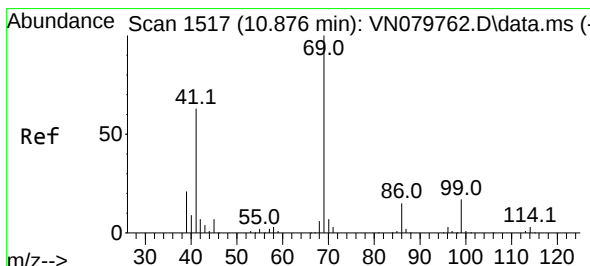
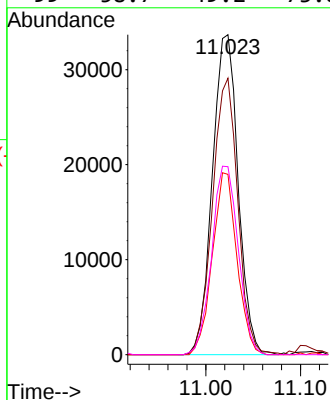
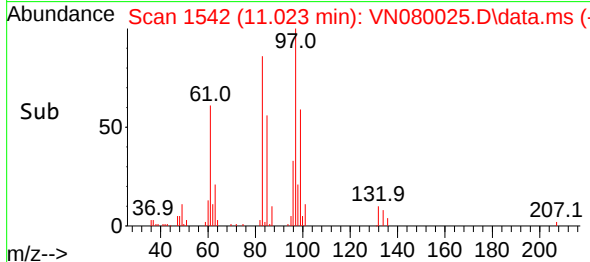
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



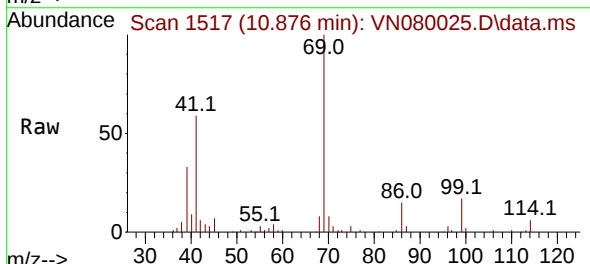
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.4	65.1	97.7
85	56.4	43.4	65.2
99	58.7	49.2	73.8

Manual Integrations
APPROVED

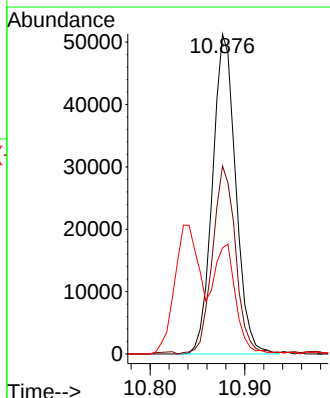
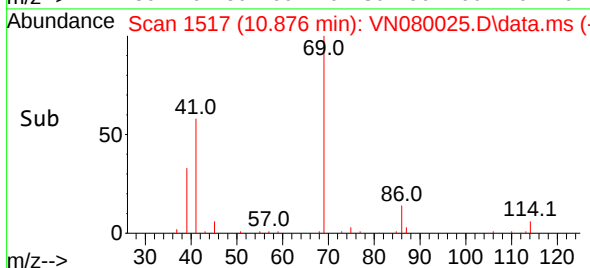
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

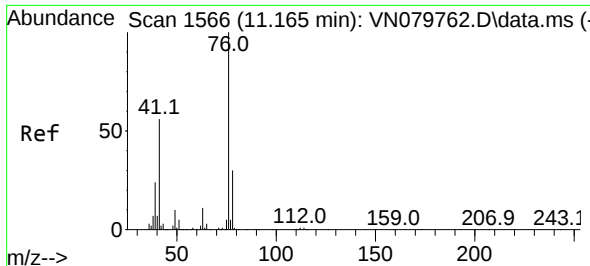


#56
Ethyl methacrylate
Concen: 21.728 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23



Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.9	39.6	59.4
39	33.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 21.800 ug/l

RT: 11.170 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

Tgt Ion: 76 Resp: 108268

Ion Ratio Lower Upper

76 100

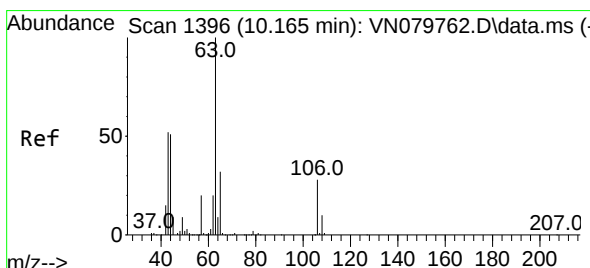
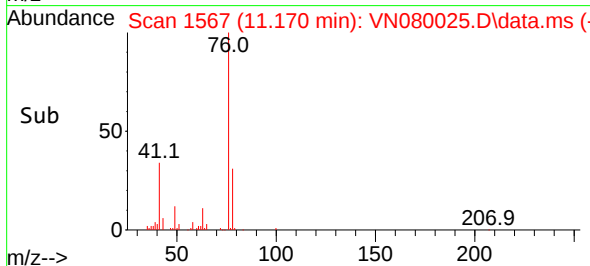
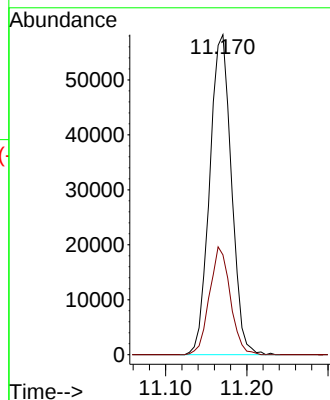
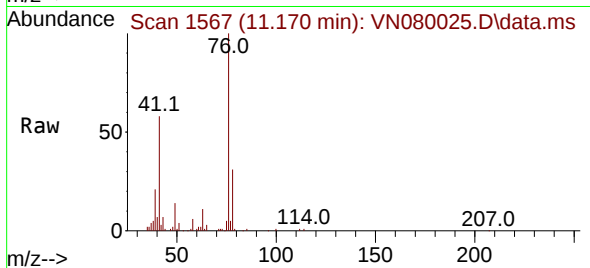
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#58

2-Chloroethyl Vinyl ether

Concen: 90.523 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN080025.D

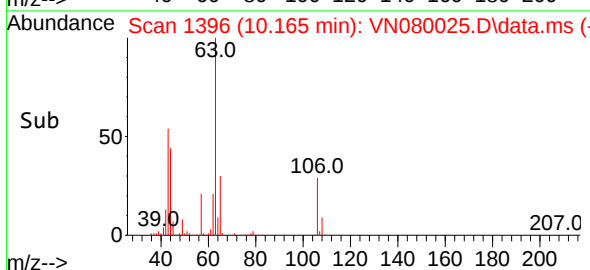
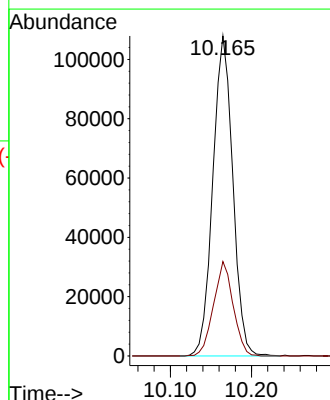
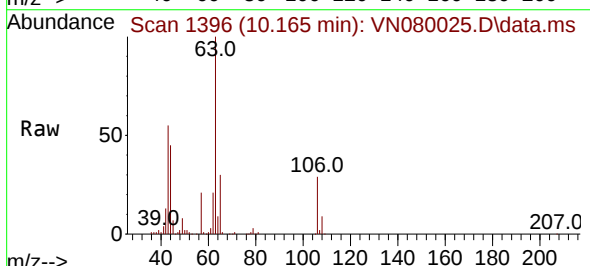
Acq: 09 Nov 2023 16:23

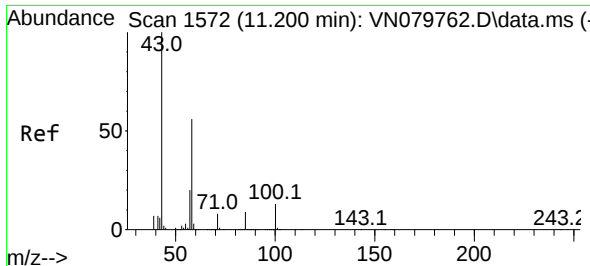
Tgt Ion: 63 Resp: 184391

Ion Ratio Lower Upper

63 100

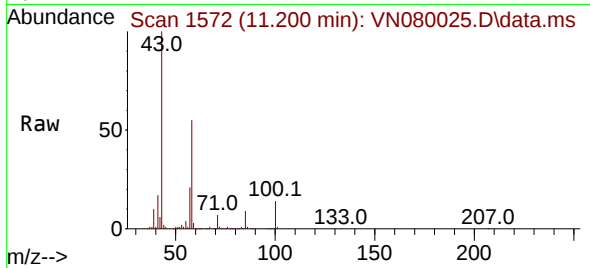
106 28.9 26.2 39.4





#59
2-Hexanone
Concen: 99.935 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

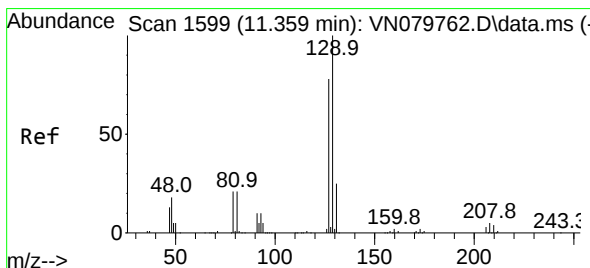
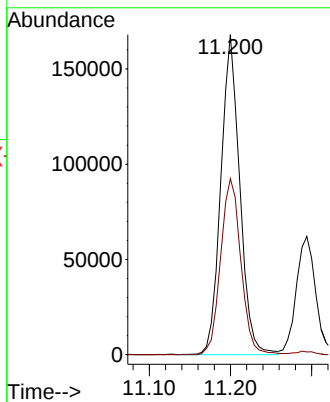
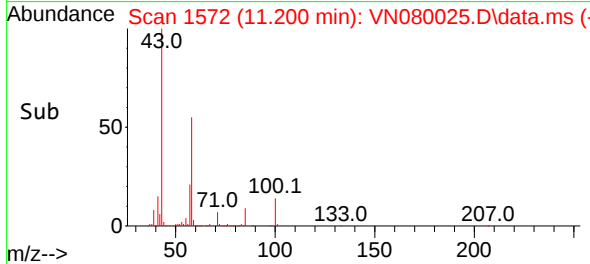
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



Tgt Ion: 43 Resp: 273090
Ion Ratio Lower Upper
43 100
58 58.7 31.7 95.1

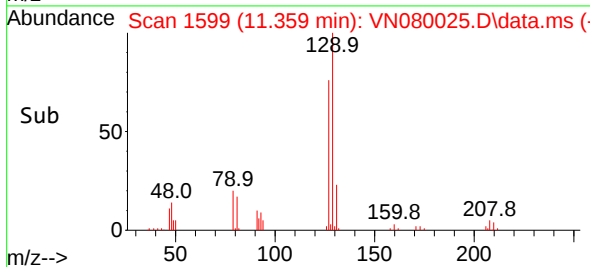
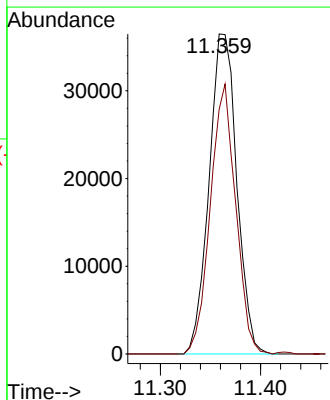
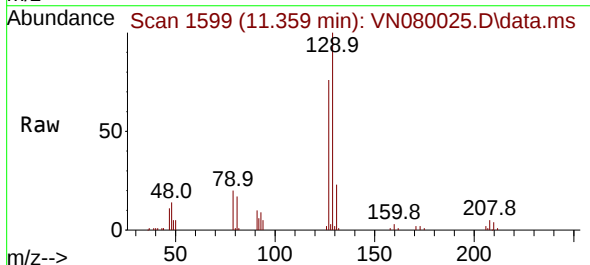
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#60
Dibromochloromethane
Concen: 23.283 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

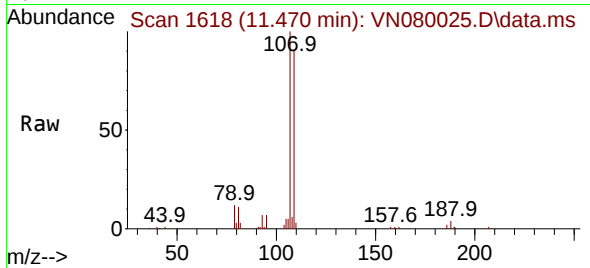
Tgt Ion:129 Resp: 70219
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.577 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

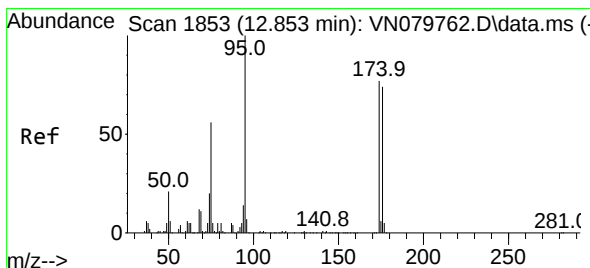
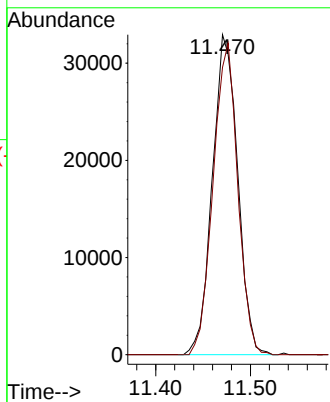
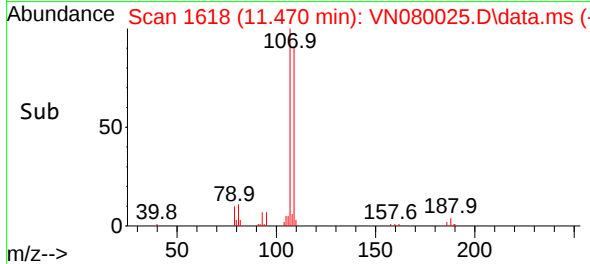
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



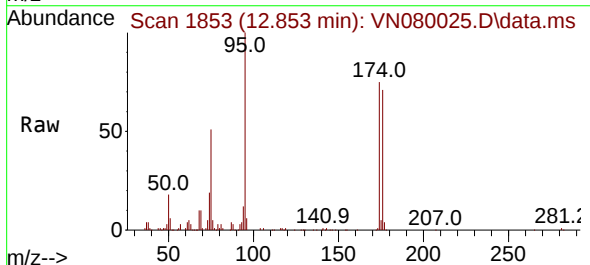
Tgt Ion:107 Resp: 61018
Ion Ratio Lower Upper
107 100
109 94.9 76.6 114.8

Manual Integrations
APPROVED

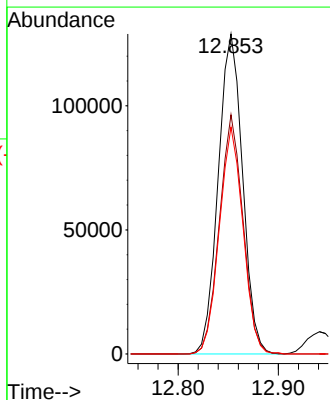
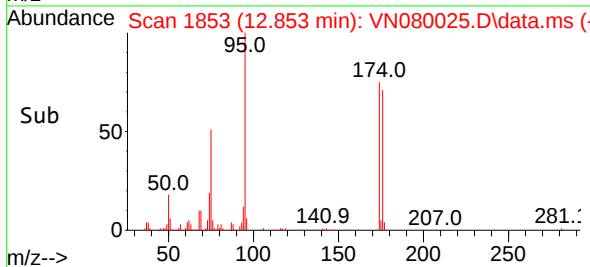
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

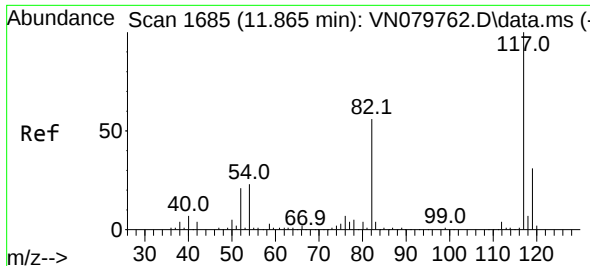


#62
4-Bromofluorobenzene
Concen: 64.369 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23



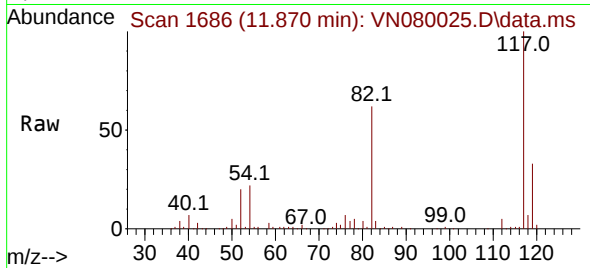
Tgt Ion: 95 Resp: 217143
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 69.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

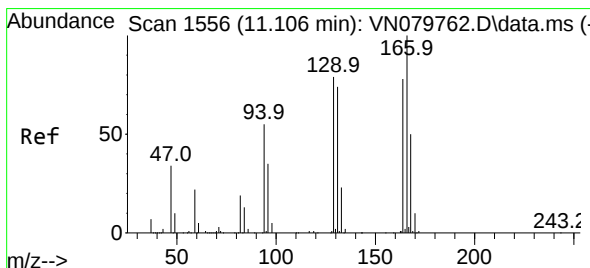
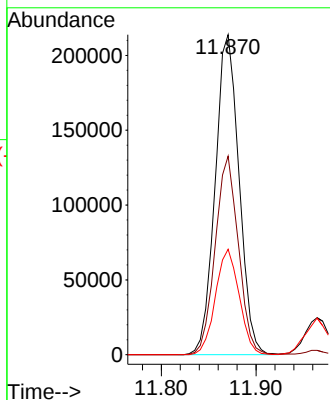
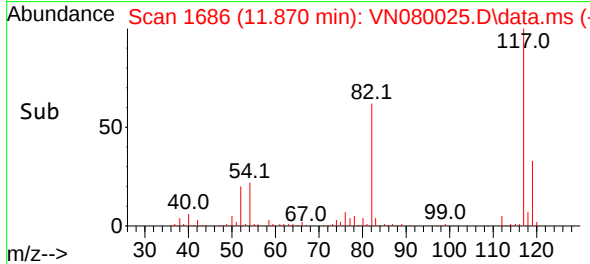
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



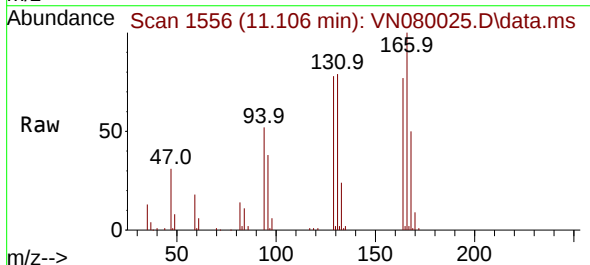
Tgt Ion:117 Resp: 37492
Ion Ratio Lower Upper
117 100
82 62.0 44.0 66.0
119 32.9 25.6 38.4

Manual Integrations
APPROVED

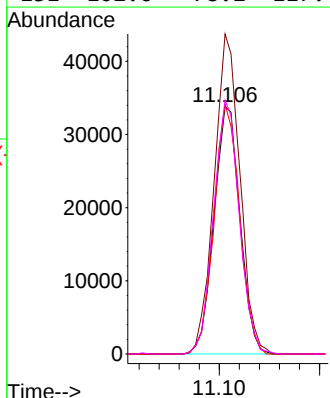
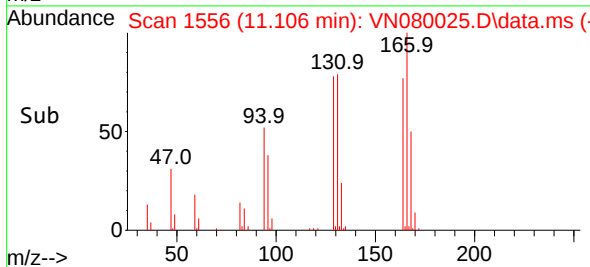
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

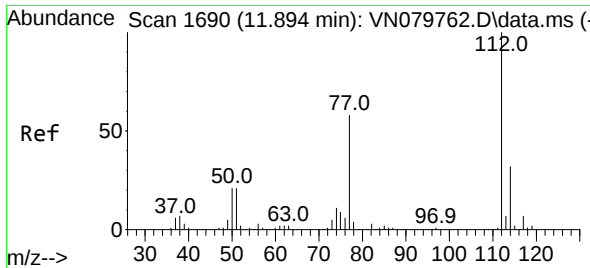


#64
Tetrachloroethene
Concen: 24.996 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23



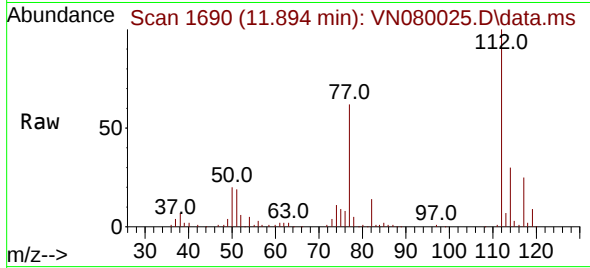
Tgt Ion:164 Resp: 60694
Ion Ratio Lower Upper
164 100
166 129.4 101.4 152.0
129 101.0 82.4 123.6
131 102.6 78.2 117.4





#65
Chlorobenzene
Concen: 20.149 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

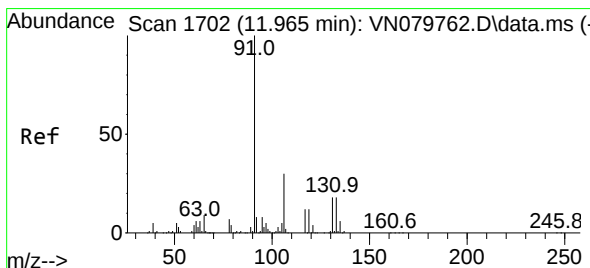
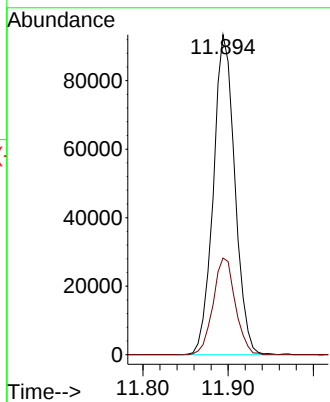
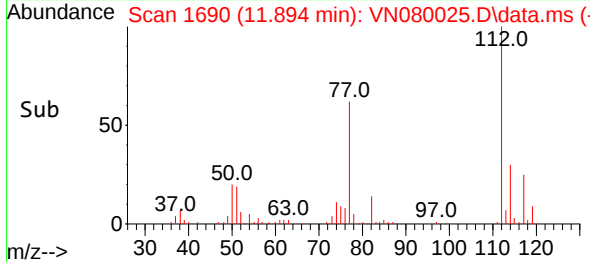
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



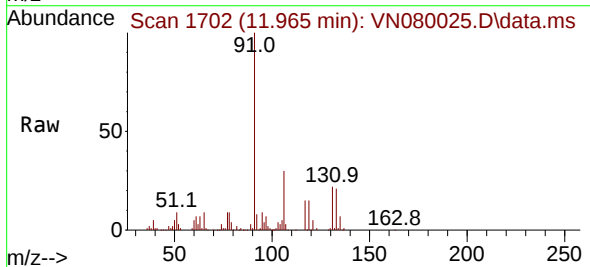
Tgt Ion:112 Resp: 163864
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4

Manual Integrations
APPROVED

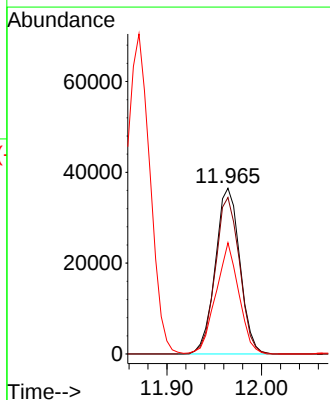
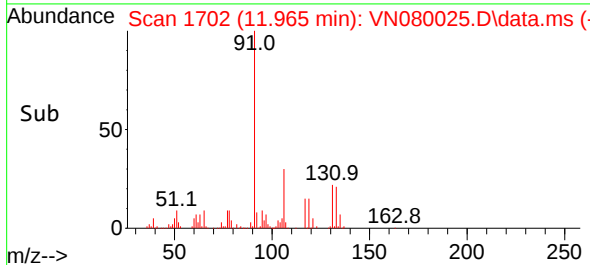
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

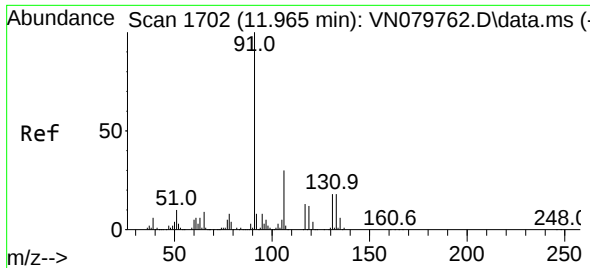


#66
1,1,1,2-Tetrachloroethane
Concen: 22.500 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23



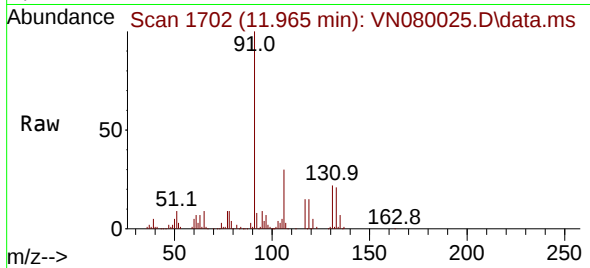
Tgt Ion:131 Resp: 65930
Ion Ratio Lower Upper
131 100
133 93.3 46.4 139.1
119 62.9 34.1 102.2





#67
Ethyl Benzene
Concen: 20.147 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

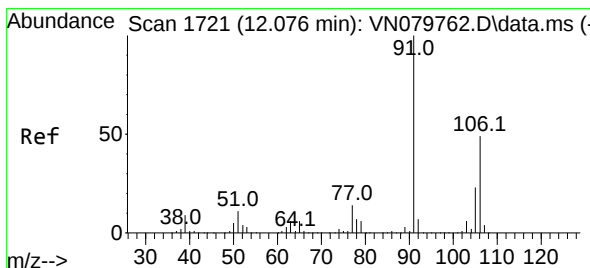
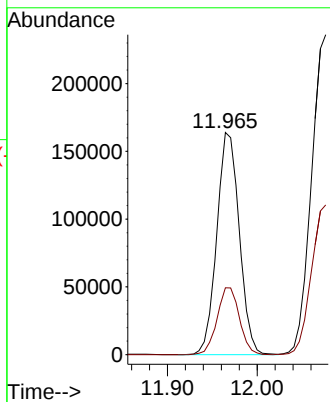
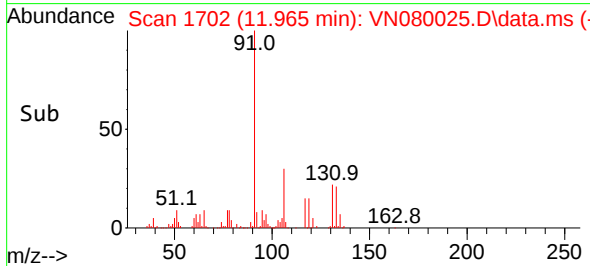
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



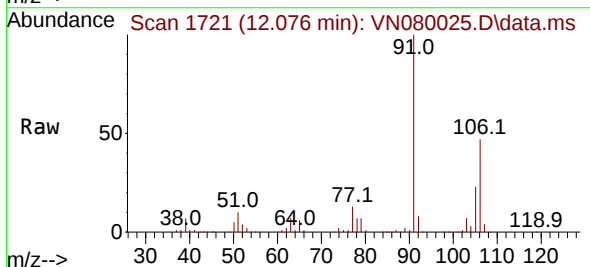
Tgt Ion: 91 Resp: 28546
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
APPROVED

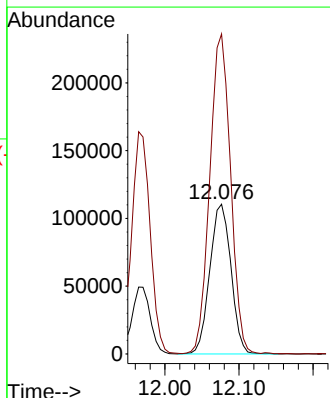
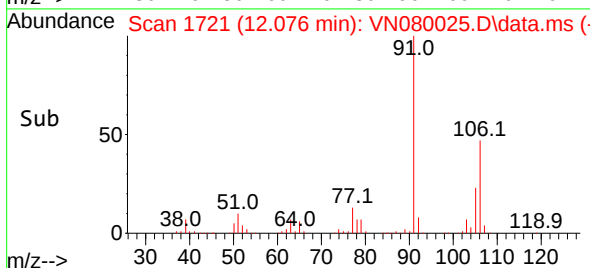
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

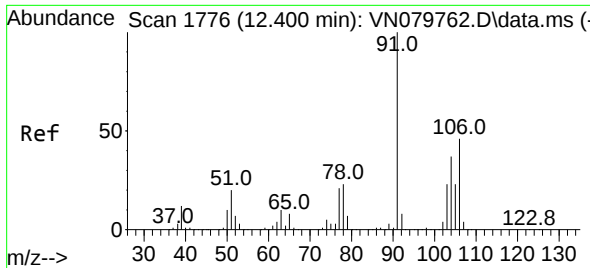


#68
m/p-Xylenes
Concen: 41.520 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23



Tgt Ion:106 Resp: 219153
Ion Ratio Lower Upper
106 100
91 209.4 159.6 239.4





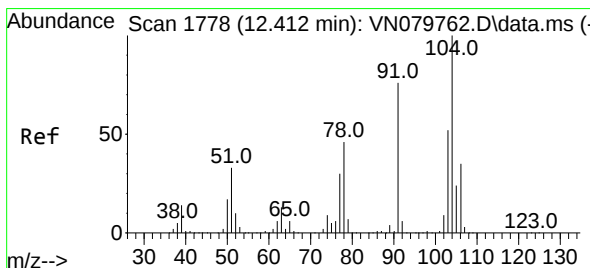
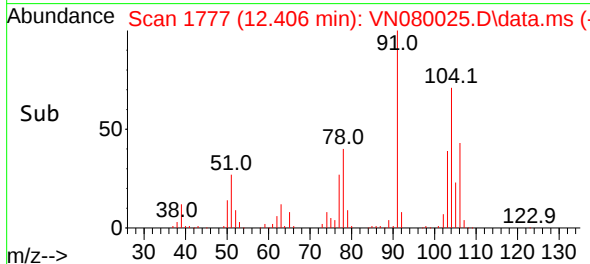
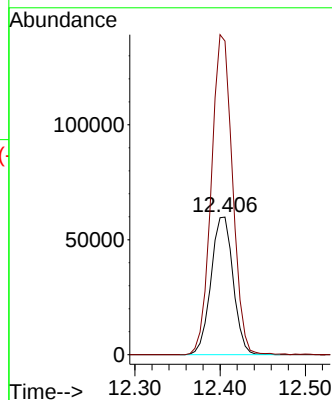
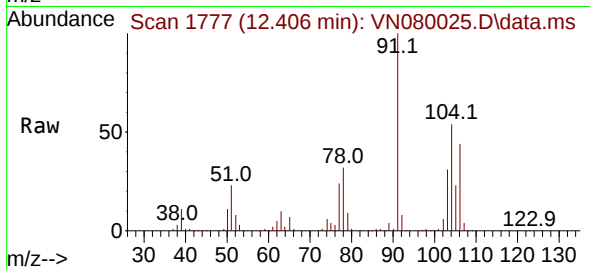
#69
o-Xylene
Concen: 21.264 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Tgt Ion:106 Resp: 108078
Ion Ratio Lower Upper
106 100
91 222.5 105.2 315.5

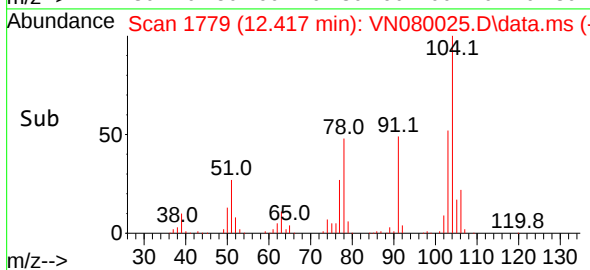
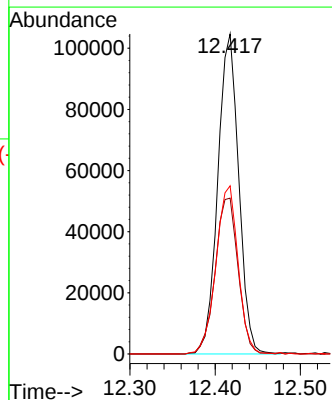
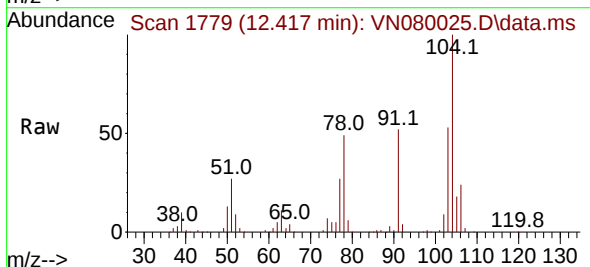
Manual Integrations
APPROVED

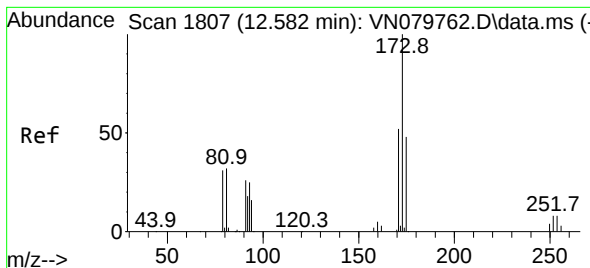
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#70
Styrene
Concen: 21.873 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Tgt Ion:104 Resp: 178664
Ion Ratio Lower Upper
104 100
78 53.3 39.5 59.3
103 55.4 43.2 64.8





#71

Bromoform

Concen: 24.352 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

Tgt Ion:173 Resp: 5066

Ion Ratio Lower Upper

173 100

175 48.9 24.3 73.0

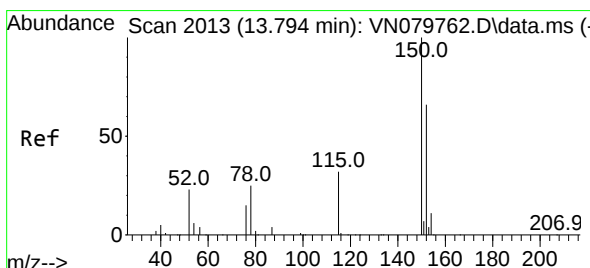
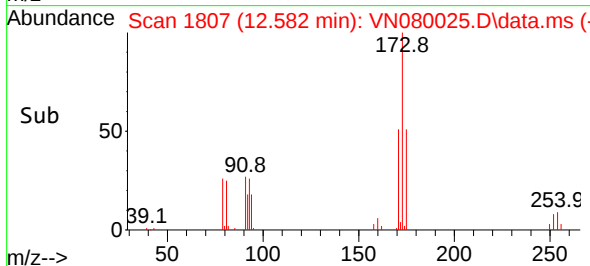
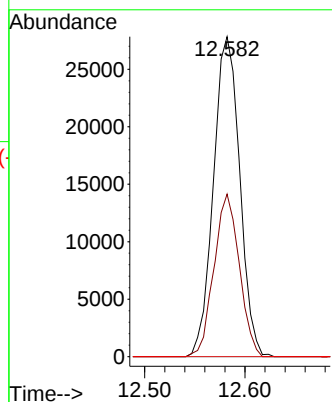
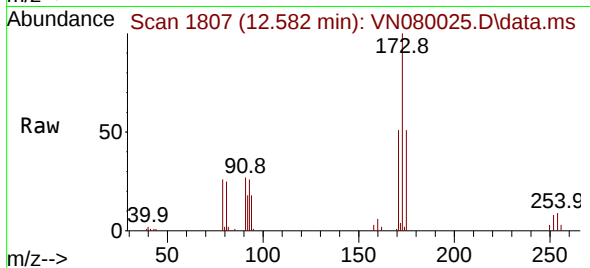
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

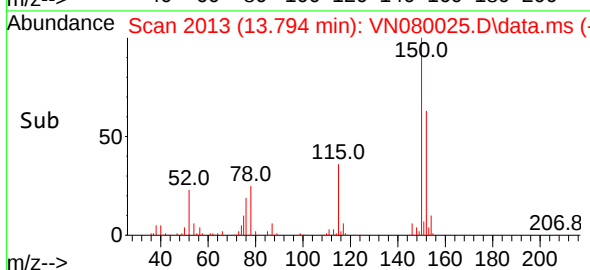
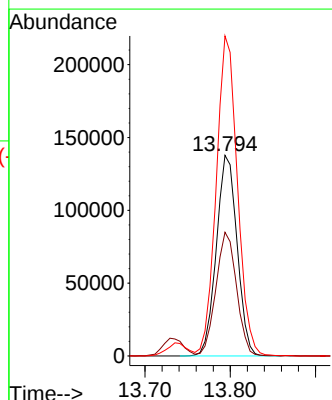
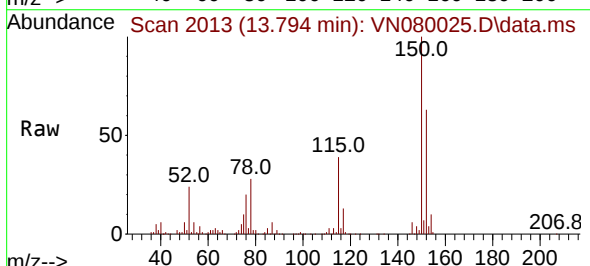
Tgt Ion:152 Resp: 233233

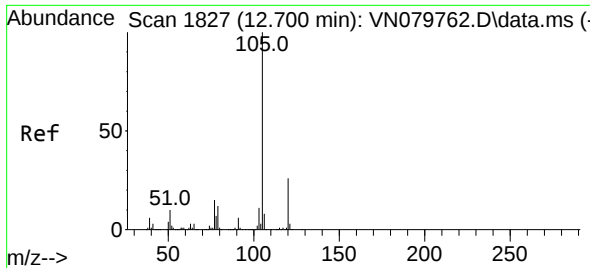
Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

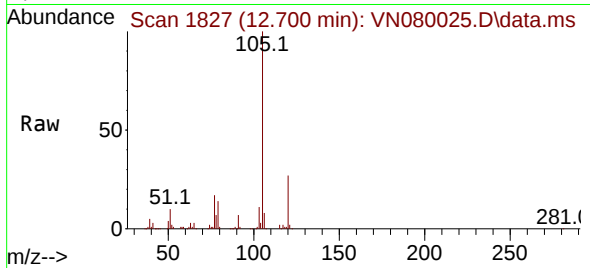
150 162.8 0.0 355.8





#73
Isopropylbenzene
Concen: 15.603 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

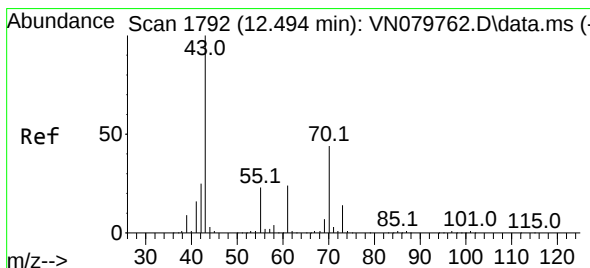
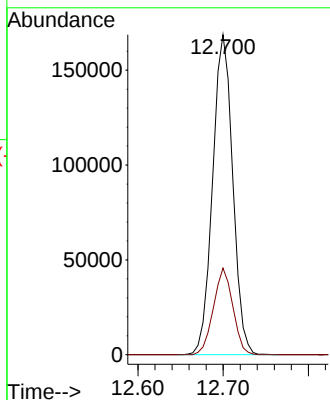
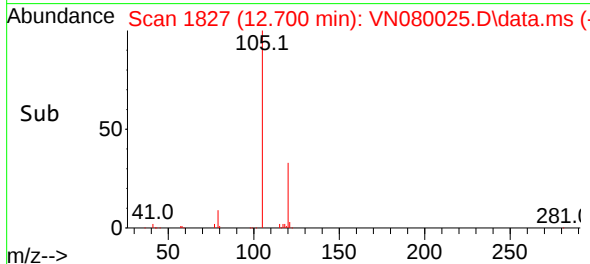
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



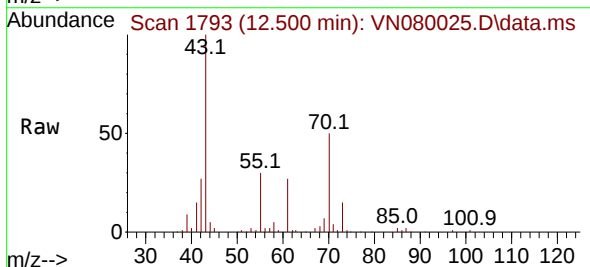
Tgt Ion:105 Resp: 276192
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

Manual Integrations
APPROVED

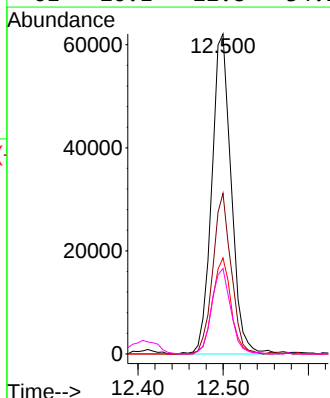
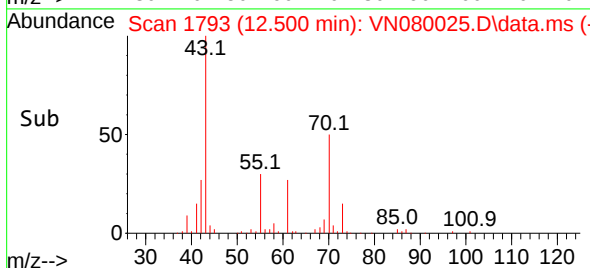
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

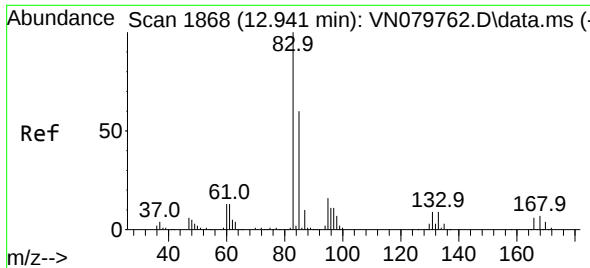


#74
N-ethyl acetate
Concen: 12.759 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23



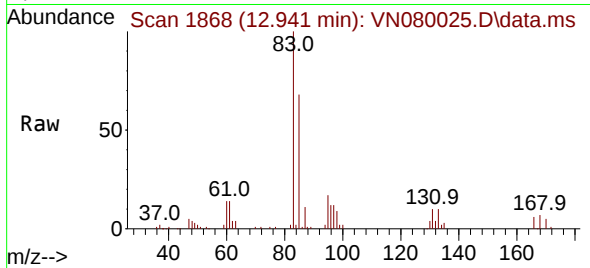
Tgt Ion: 43 Resp: 98580
Ion Ratio Lower Upper
43 100
70 47.2 43.4 65.2
55 28.5 21.4 32.0
61 26.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 15.024 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

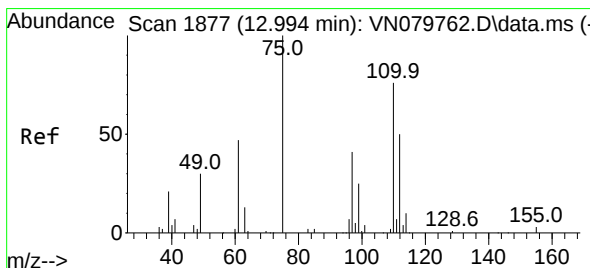
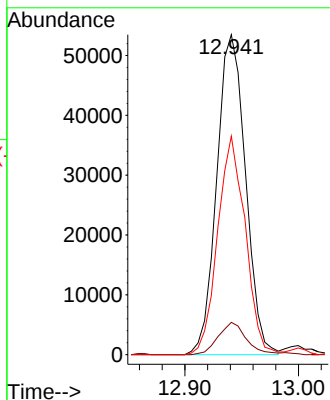
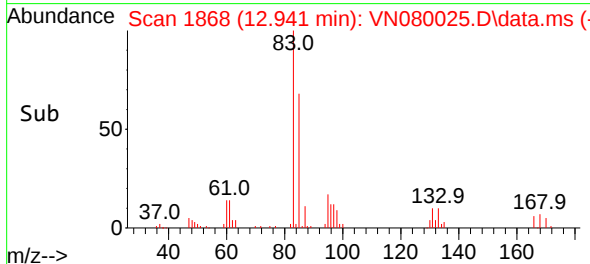
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



Tgt Ion: 83 Resp: 94289
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 65.4 31.9 95.7

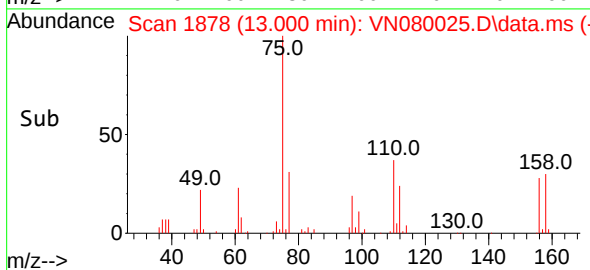
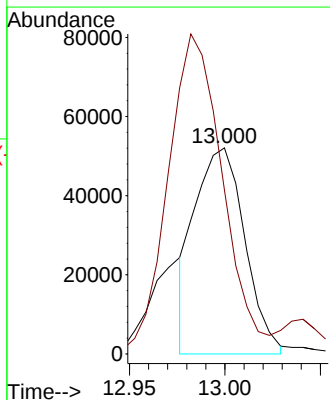
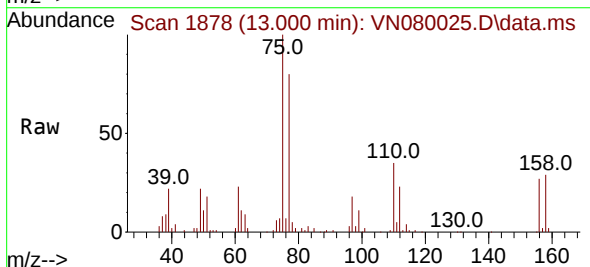
Manual Integrations
APPROVED

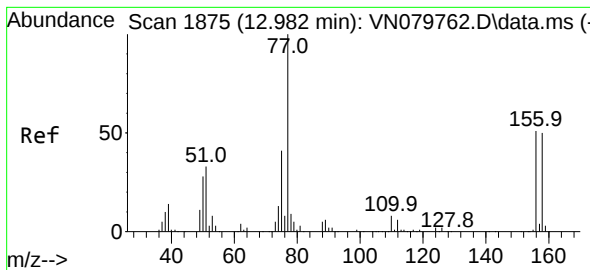
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#76
1,2,3-Trichloropropane
Concen: 17.251 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Tgt Ion: 75 Resp: 94459
Ion Ratio Lower Upper
75 100
77 170.5 84.5 253.5





#77

Bromobenzene

Concen: 15.902 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

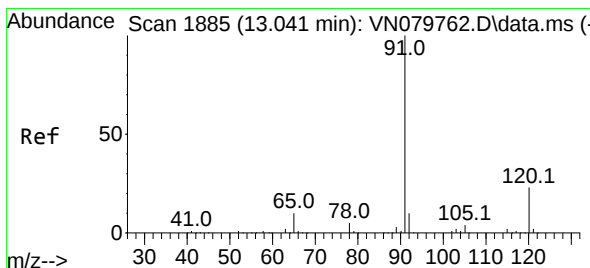
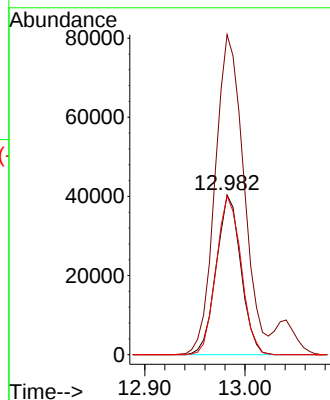
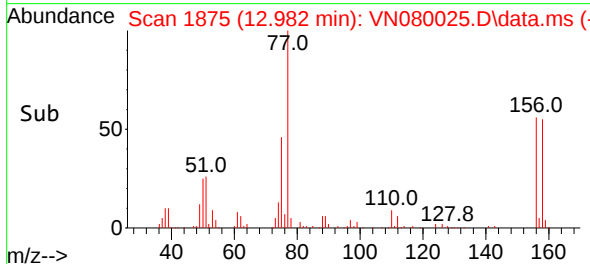
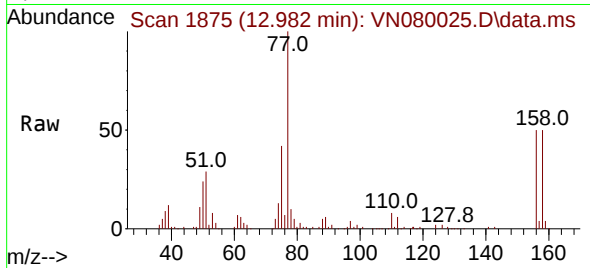
Tgt Ion:156 Resp: 68912
 Ion Ratio Lower Upper
 156 100
 77 233.7 107.7 323.3
 158 100.5 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#78

n-propylbenzene

Concen: 16.068 ug/l

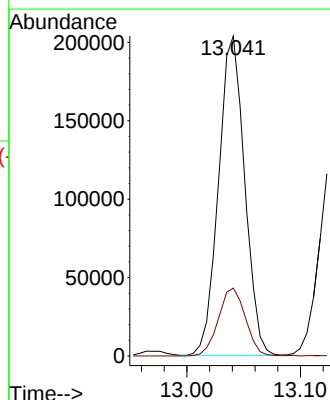
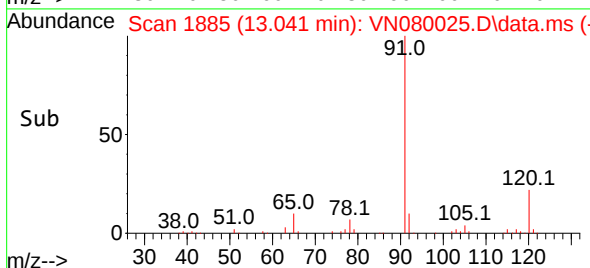
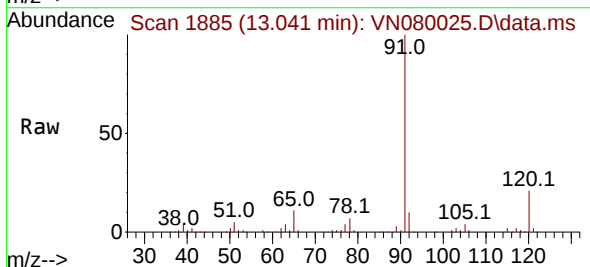
RT: 13.041 min Scan# 1885

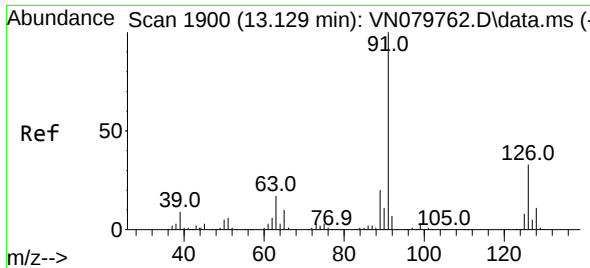
Delta R.T. 0.000 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Tgt Ion: 91 Resp: 325708
 Ion Ratio Lower Upper
 91 100
 120 21.9 11.5 34.4





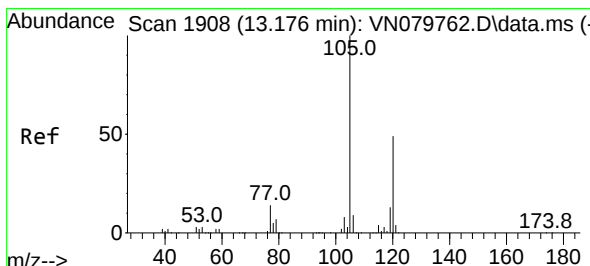
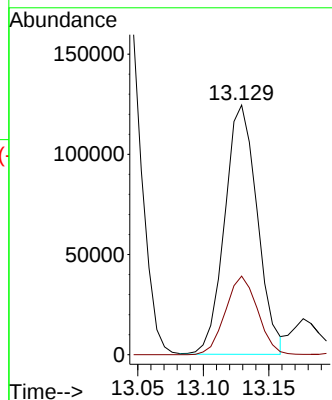
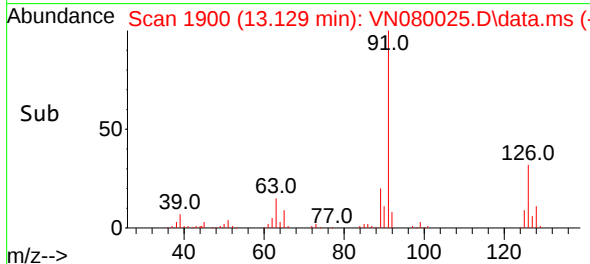
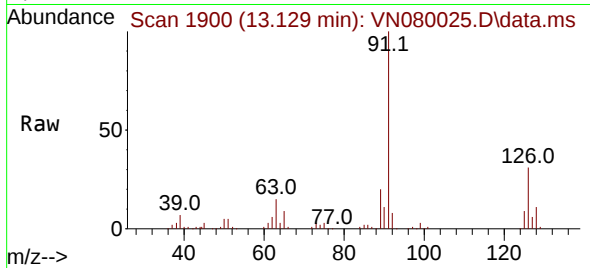
#79
2-Chlorotoluene
Concen: 16.651 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Tgt Ion: 91 Resp: 215614
Ion Ratio Lower Upper
91 100
126 31.1 16.3 48.8

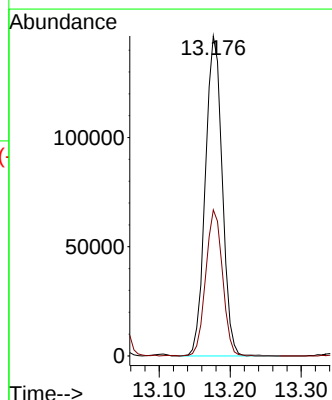
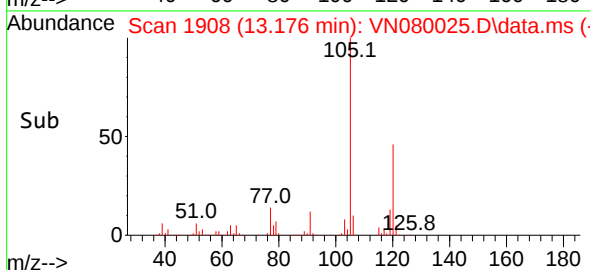
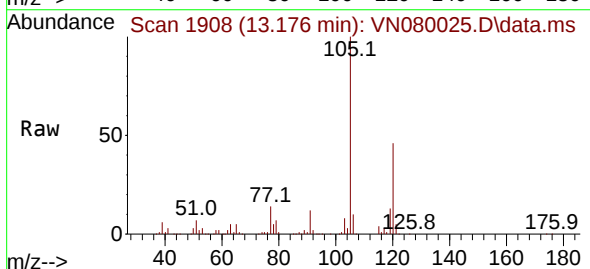
Manual Integrations
APPROVED

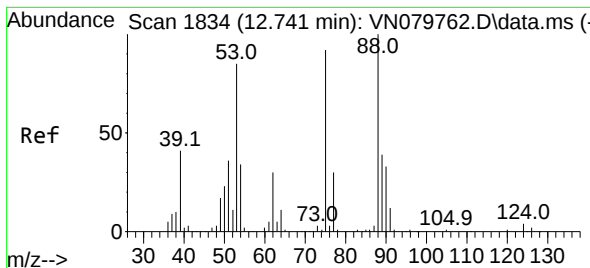
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.600 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

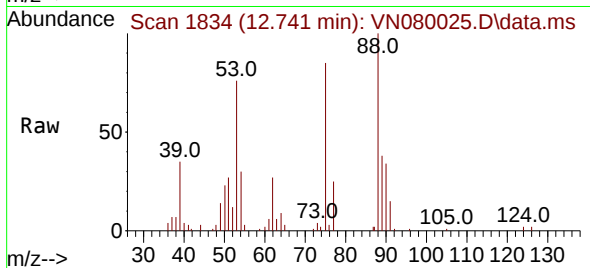
Tgt Ion:105 Resp: 242378
Ion Ratio Lower Upper
105 100
120 45.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.345 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

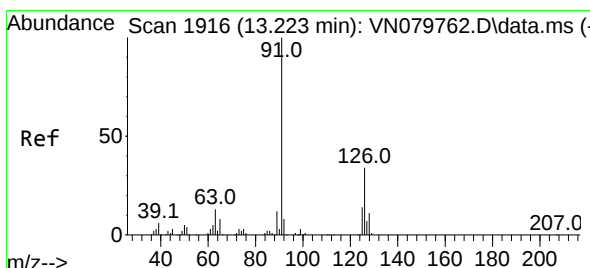
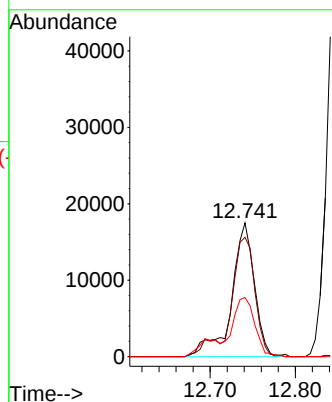
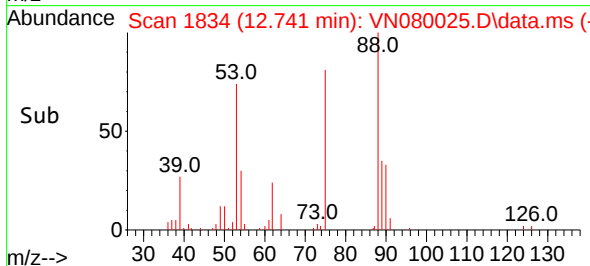
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



Tgt Ion: 75 Resp: 32894
Ion Ratio Lower Upper
75 100
53 82.9 67.4 101.2
89 42.6 38.8 58.2

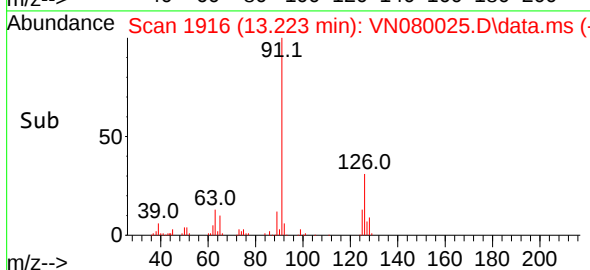
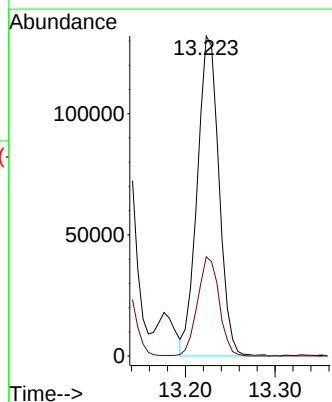
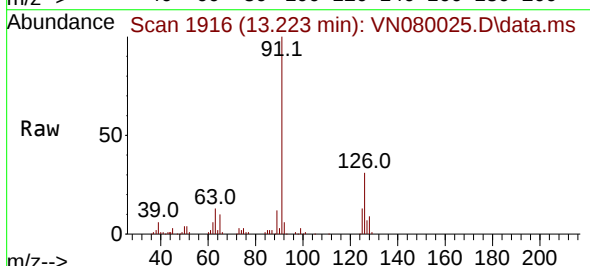
Manual Integrations
APPROVED

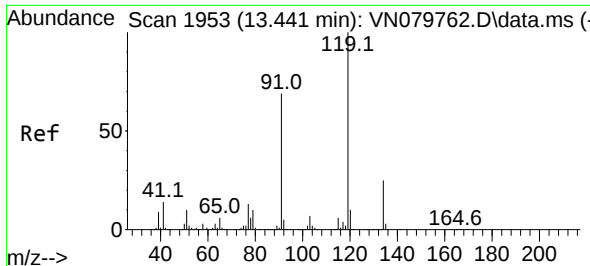
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#82
4-Chlorotoluene
Concen: 17.234 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

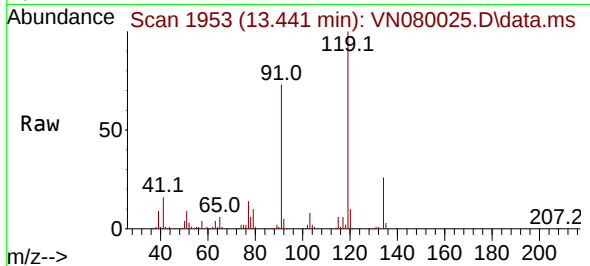
Tgt Ion: 91 Resp: 221764
Ion Ratio Lower Upper
91 100
126 30.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.404 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

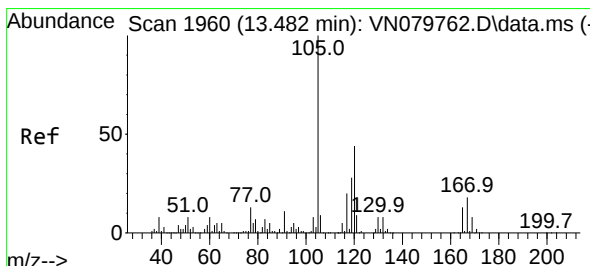
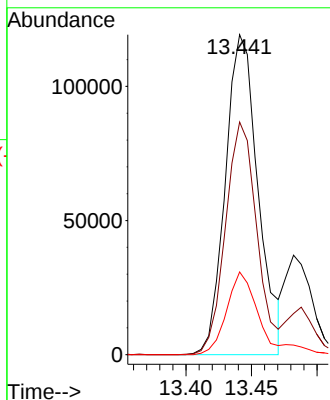
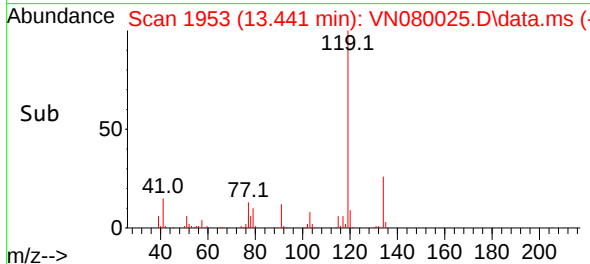
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



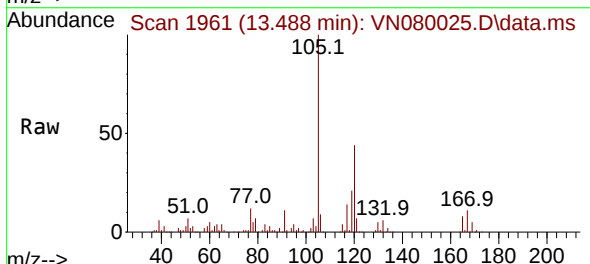
Tgt Ion:119 Resp: 207464
Ion Ratio Lower Upper
119 100
91 69.7 33.9 101.7
134 26.1 13.2 39.6

Manual Integrations
APPROVED

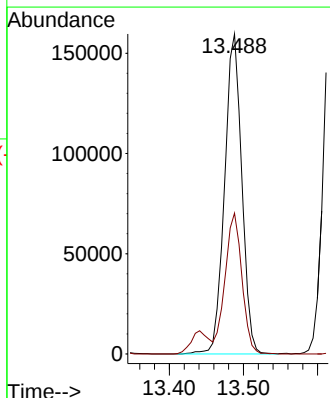
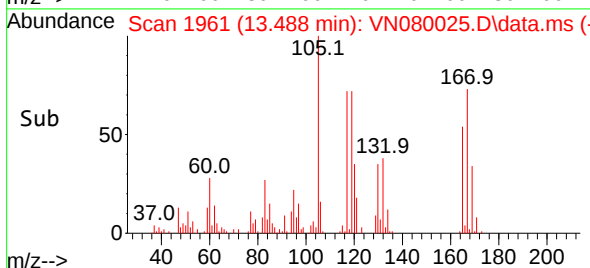
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

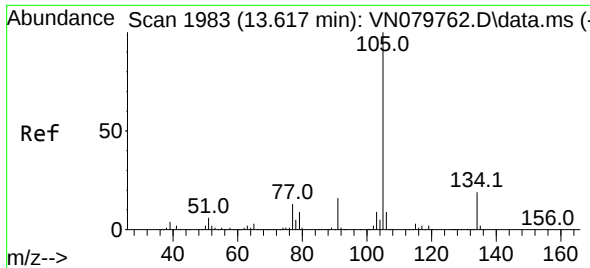


#84
1,2,4-Trimethylbenzene
Concen: 18.998 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23



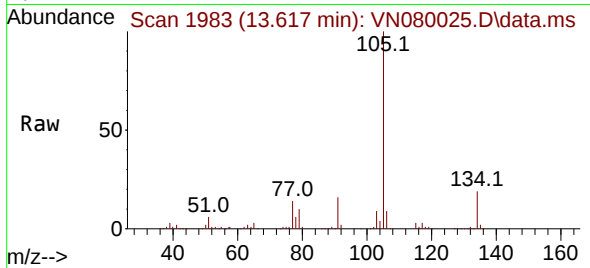
Tgt Ion:105 Resp: 257419
Ion Ratio Lower Upper
105 100
120 43.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 20.100 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080025.D
 Acq: 09 Nov 2023 16:23

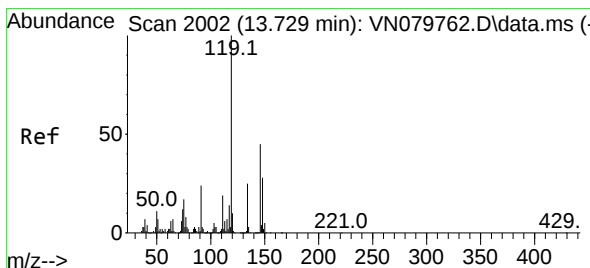
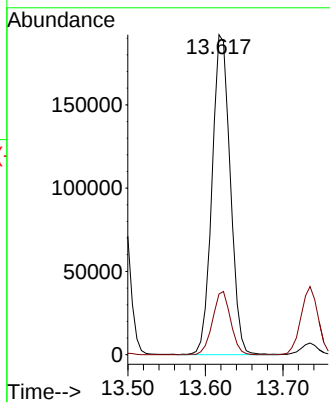
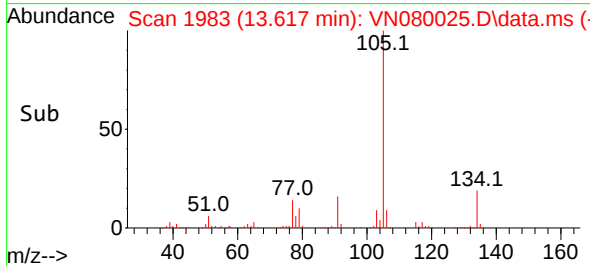
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01



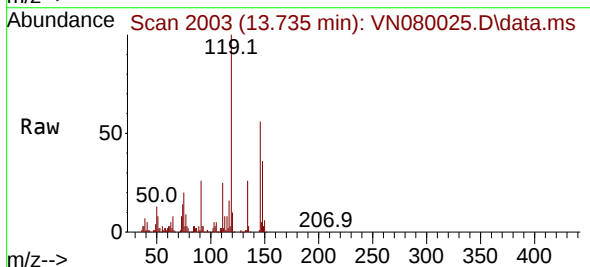
Tgt Ion:105 Resp: 31392
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
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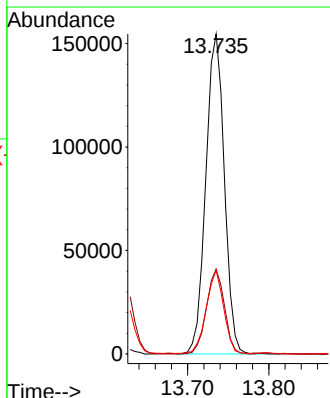
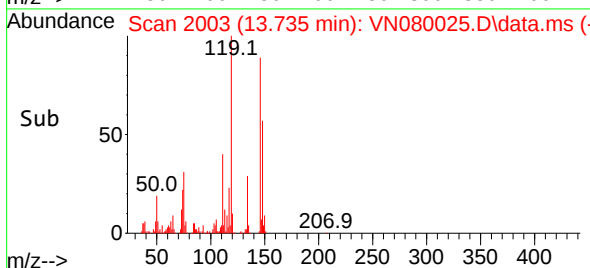
Reviewed By :John Carlone 11/10/2023
 Supervised By :Mahesh Dadoda 11/10/2023



#86
 p-Isopropyltoluene
 Concen: 19.215 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080025.D
 Acq: 09 Nov 2023 16:23



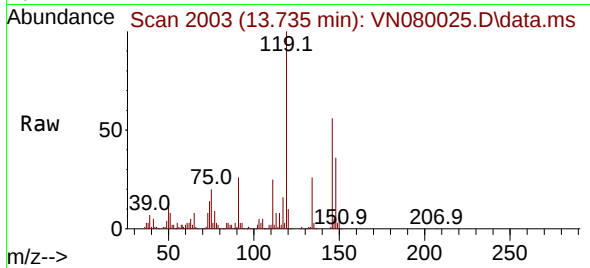
Tgt Ion:119 Resp: 244681
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.502 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

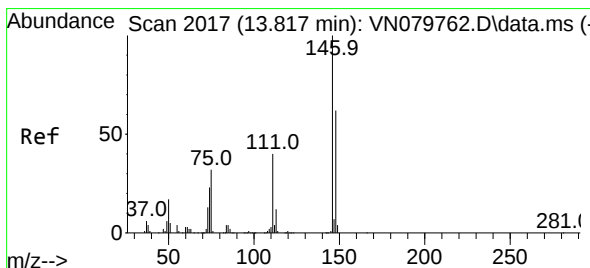
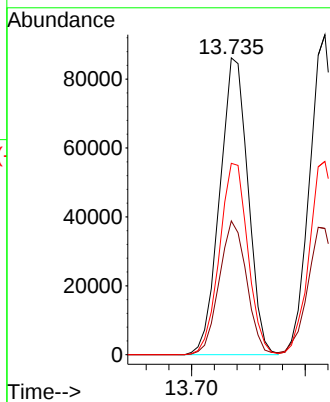
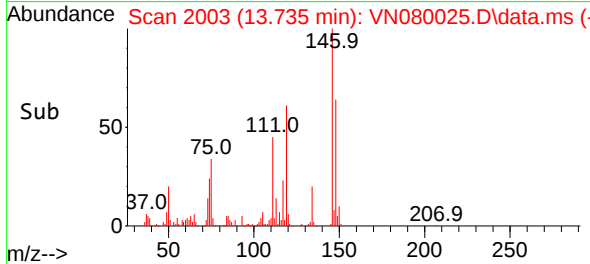
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



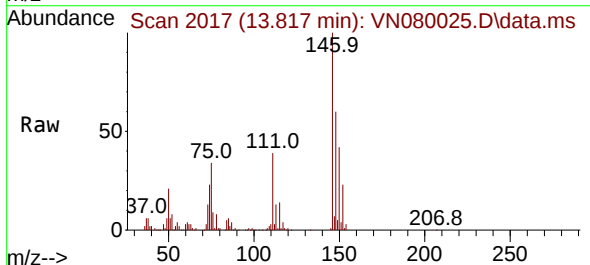
Tgt Ion:146 Resp: 14916
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.3
148 64.5 32.0 96.0

Manual Integrations
APPROVED

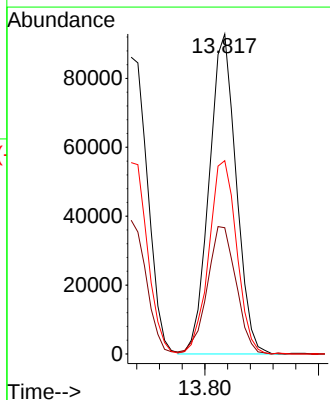
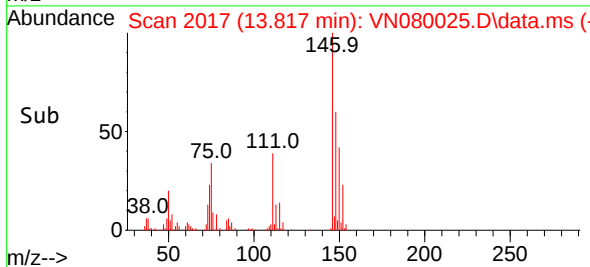
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

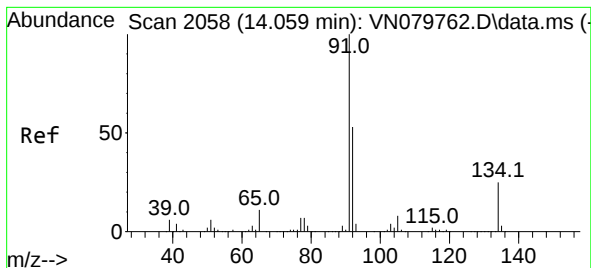


#88
1,4-Dichlorobenzene
Concen: 18.768 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23



Tgt Ion:146 Resp: 153576
Ion Ratio Lower Upper
146 100
111 42.4 20.6 61.8
148 62.2 31.6 94.8





#89

n-Butylbenzene

Concen: 18.067 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

Tgt Ion: 91 Resp: 198154

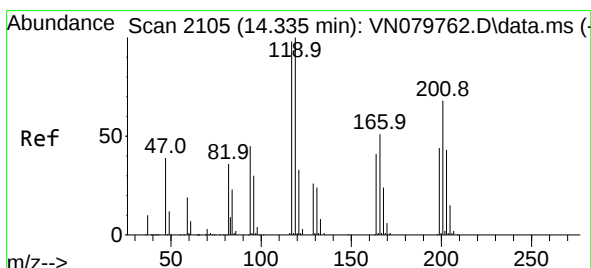
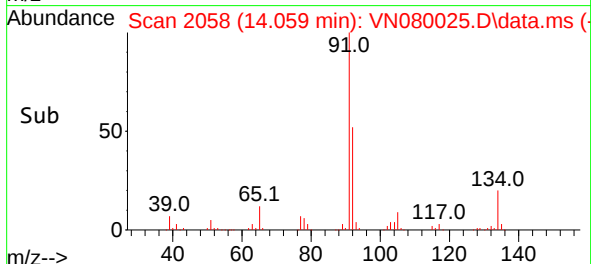
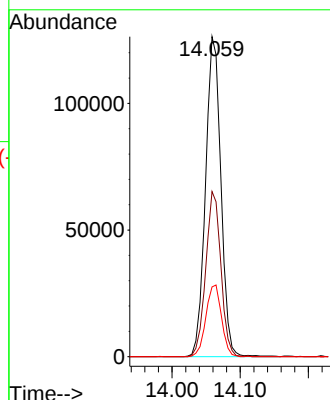
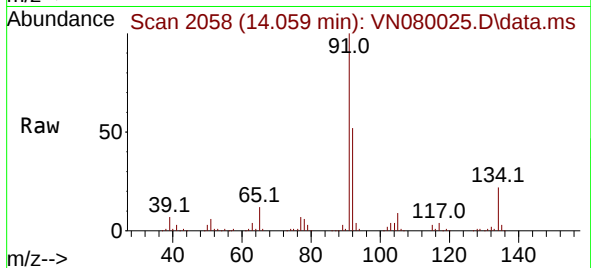
Ion	Ratio	Lower	Upper
91	100		
92	50.7	26.4	79.0
134	22.7	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#90

Hexachloroethane

Concen: 19.781 ug/l

RT: 14.335 min Scan# 2105

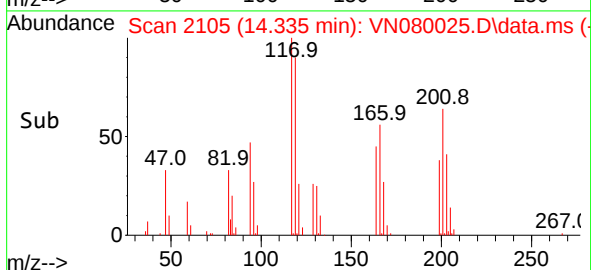
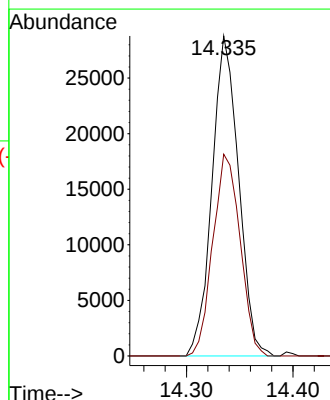
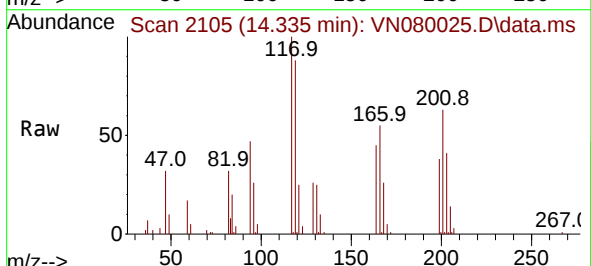
Delta R.T. 0.000 min

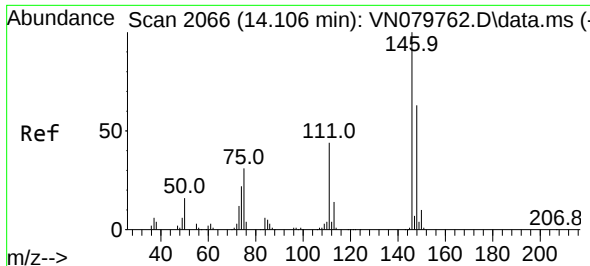
Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Tgt Ion:117 Resp: 49883

Ion	Ratio	Lower	Upper
117	100		
201	64.6	29.3	88.0





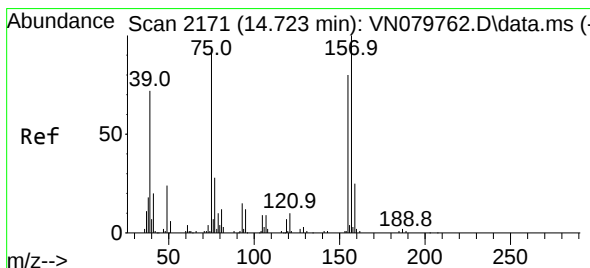
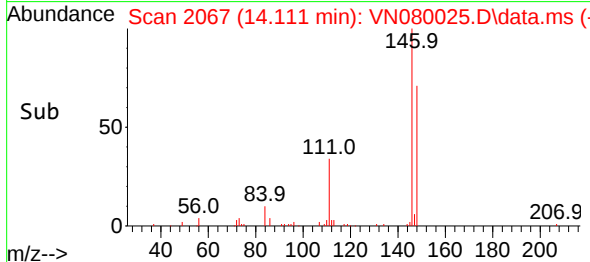
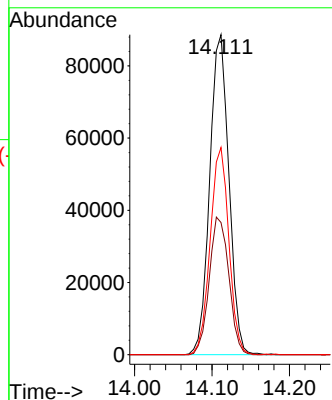
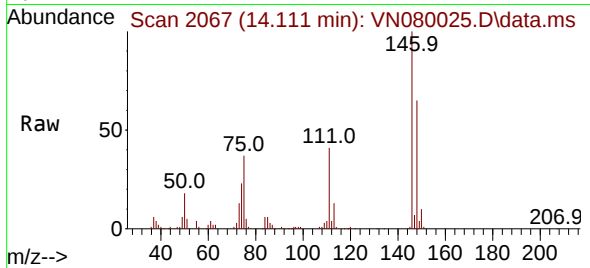
#91
1,2-Dichlorobenzene
Concen: 20.000 ug/l
RT: 14.111 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Tgt Ion:146 Resp: 152208
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 63.1 31.8 95.3

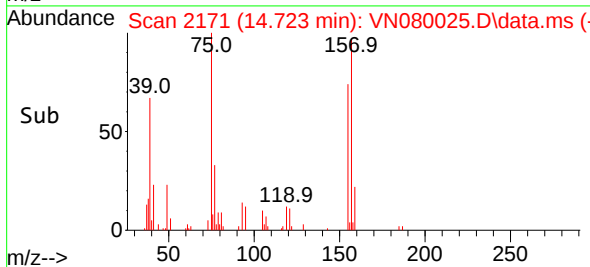
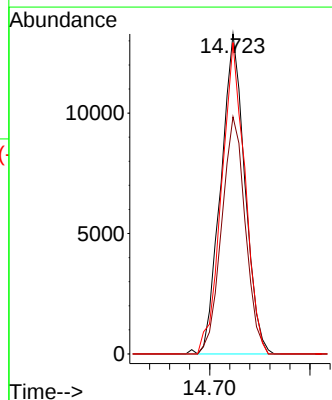
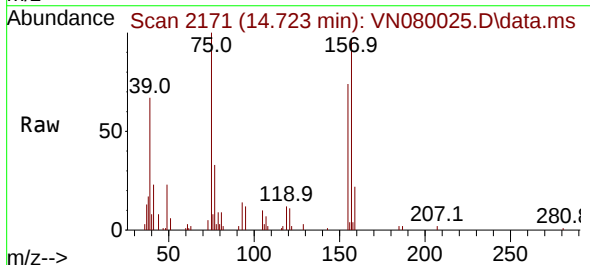
Manual Integrations
APPROVED

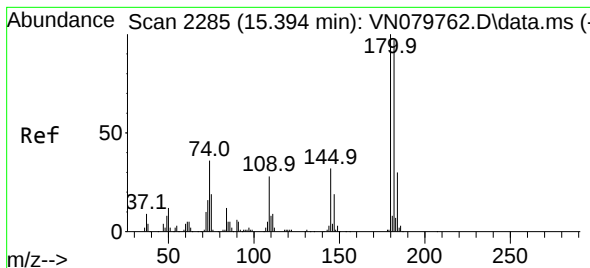
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.742 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Tgt Ion: 75 Resp: 22076
Ion Ratio Lower Upper
75 100
155 72.9 39.1 117.2
157 94.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.280 ug/l

RT: 15.400 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

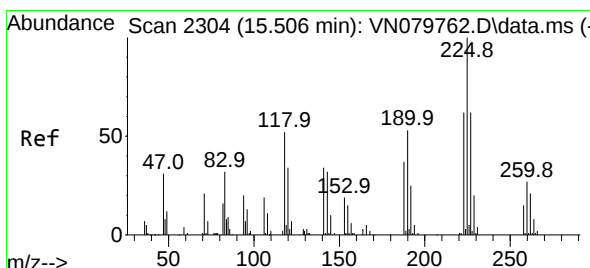
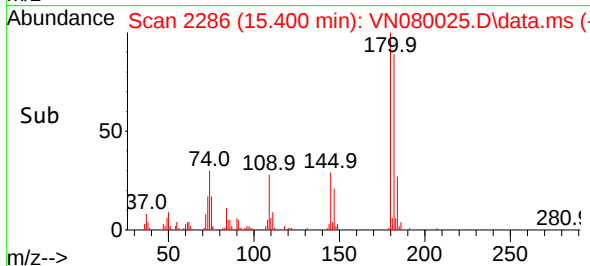
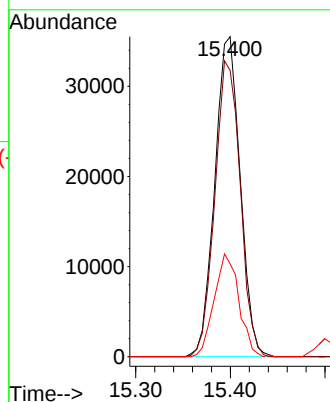
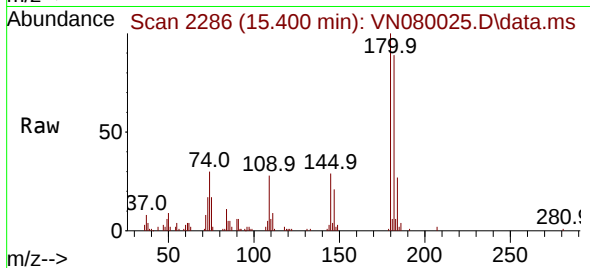
Tgt Ion:180	Resp:	66149
Ion Ratio	Lower	Upper
180	100	
182	92.3	46.1 138.2
145	31.3	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#94

Hexachlorobutadiene

Concen: 20.588 ug/l

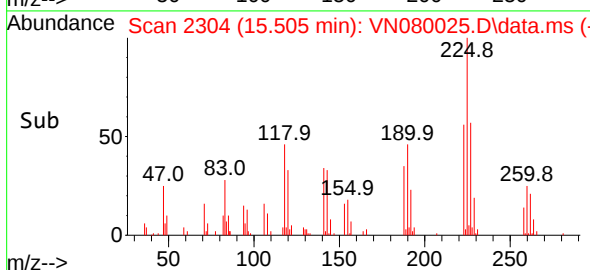
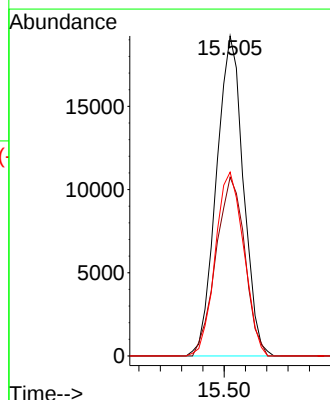
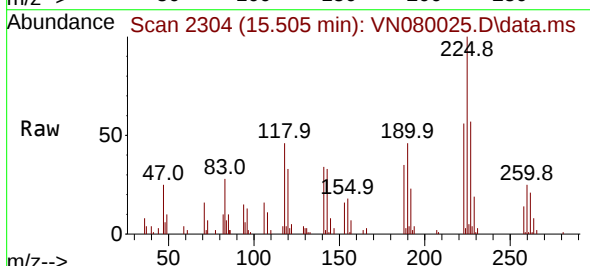
RT: 15.505 min Scan# 2304

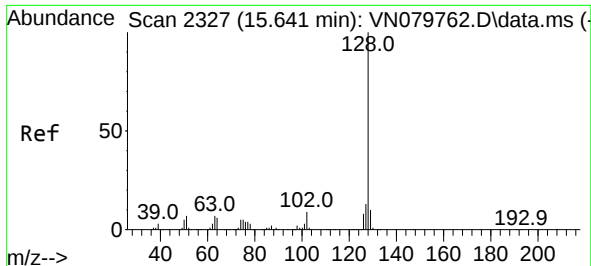
Delta R.T. 0.000 min

Lab File: VN080025.D

Acq: 09 Nov 2023 16:23

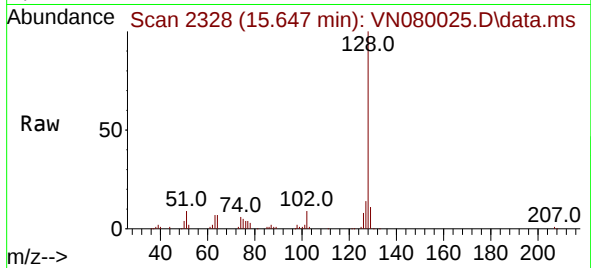
Tgt Ion:225	Resp:	33774
Ion Ratio	Lower	Upper
225	100	
223	59.6	31.3 93.8
227	60.7	31.9 95.9





#95
Naphthalene
Concen: 15.222 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

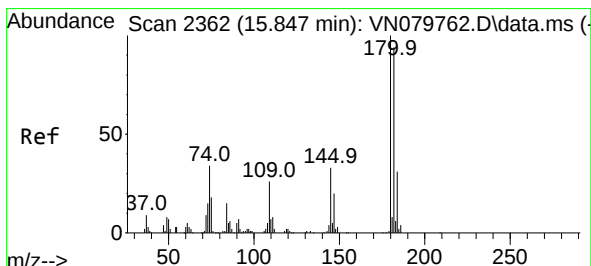
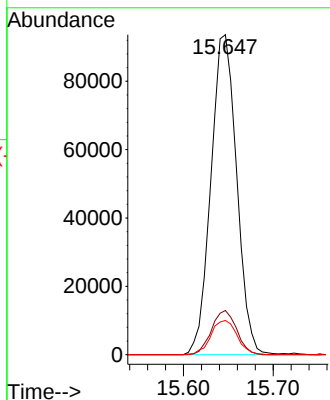
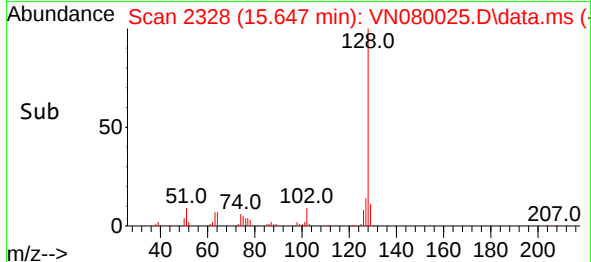
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01



Tgt Ion:128 Resp: 186798
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.207 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080025.D
Acq: 09 Nov 2023 16:23

Tgt Ion:180 Resp: 64582
Ion Ratio Lower Upper
180 100
182 95.4 46.2 138.6
145 34.2 17.5 52.6

