

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080140.D
 Acq On : 16 Nov 2023 17:58
 Operator : JC\MD
 Sample : VN1116WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

Quant Time: Nov 17 01:25:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	258089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	416950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	376397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	174793	41.017	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.040%		
35) Dibromofluoromethane	8.171	113	127190	41.342	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.680%		
50) Toluene-d8	10.570	98	470776	42.449	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	84.900%#		
62) 4-Bromofluorobenzene	12.853	95	175324	41.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69723	18.136	ug/l	98
3) Chloromethane	2.359	50	52969	18.326	ug/l	97
4) Vinyl Chloride	2.512	62	56534	18.483	ug/l	98
5) Bromomethane	2.953	94	38104	18.350	ug/l	100
6) Chloroethane	3.124	64	36043	17.950	ug/l	97
7) Trichlorofluoromethane	3.500	101	114879	18.004	ug/l	98
8) Diethyl Ether	3.965	74	33131	17.854	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	51609	17.696	ug/l	92
10) Methyl Iodide	4.594	142	57960	18.389	ug/l	94
11) Tert butyl alcohol	5.524	59	48241	102.941	ug/l	98
12) 1,1-Dichloroethene	4.336	96	50018	18.336	ug/l	90
13) Acrolein	4.177	56	42209	101.775	ug/l	97
14) Allyl chloride	5.024	41	63530	18.511	ug/l	94
15) Acrylonitrile	5.718	53	129065	102.592	ug/l	99
16) Acetone	4.430	43	110935	77.505	ug/l	95
17) Carbon Disulfide	4.712	76	140378	17.235	ug/l	96
18) Methyl Acetate	5.036	43	85254	18.538	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	178717	18.552	ug/l	97
20) Methylene Chloride	5.277	84	59251	19.767	ug/l #	91
21) trans-1,2-Dichloroethene	5.788	96	55645	18.569	ug/l #	82
22) Diisopropyl ether	6.671	45	150618	19.836	ug/l #	92
23) Vinyl Acetate	6.606	43	456237	99.945	ug/l	94
24) 1,1-Dichloroethane	6.571	63	102724	18.575	ug/l	99
25) 2-Butanone	7.488	43	154485	90.843	ug/l	90
26) 2,2-Dichloropropane	7.494	77	97869	17.837	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	63381	18.655	ug/l	90
28) Bromochloromethane	7.818	49	36787	16.920	ug/l	97
29) Tetrahydrofuran	7.841	42	97457	106.744	ug/l	91
30) Chloroform	7.971	83	116087	18.780	ug/l	90
31) Cyclohexane	8.259	56	86682	18.704	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	110818	18.384	ug/l	99
36) 1,1-Dichloropropene	8.371	75	82282	18.473	ug/l	95
37) Ethyl Acetate	7.565	43	65581	21.226	ug/l	95
38) Carbon Tetrachloride	8.365	117	100239	17.734	ug/l	96
39) Methylcyclohexane	9.606	83	79792	18.579	ug/l	91
40) Benzene	8.612	78	237154	18.733	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080140.D
 Acq On : 16 Nov 2023 17:58
 Operator : JC\MD
 Sample : VN1116WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Quant Time: Nov 17 01:25:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	32368	19.077	ug/l	96
42) 1,2-Dichloroethane	8.671	62	96796	18.689	ug/l	97
43) Isopropyl Acetate	8.688	43	104872	17.443	ug/l	97
44) Trichloroethene	9.353	130	57427	17.294	ug/l	95
45) 1,2-Dichloropropane	9.623	63	54698	18.592	ug/l	97
46) Dibromomethane	9.718	93	41465	18.620	ug/l	91
47) Bromodichloromethane	9.894	83	89958	18.364	ug/l	99
48) Methyl methacrylate	9.682	41	60152	19.414	ug/l	90
49) 1,4-Dioxane	9.694	88	21530	417.692	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	319210	102.550	ug/l	96
52) Toluene	10.635	92	148510	18.745	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	91788	18.237	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	98631	19.181	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	57823	19.123	ug/l	96
56) Ethyl methacrylate	10.876	69	60929	19.724	ug/l	92
57) 1,3-Dichloropropane	11.165	76	101367	19.200	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	195433	112.299	ug/l	95
59) 2-Hexanone	11.200	43	237473	94.942	ug/l	97
60) Dibromochloromethane	11.365	129	67394	18.616	ug/l	99
61) 1,2-Dibromoethane	11.470	107	59031	19.136	ug/l	95
64) Tetrachloroethene	11.106	164	53842	18.744	ug/l	96
65) Chlorobenzene	11.894	112	156375	18.335	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	62072	18.754	ug/l	96
67) Ethyl Benzene	11.965	91	277198	18.265	ug/l	99
68) m/p-Xylenes	12.070	106	209047	37.778	ug/l	91
69) o-Xylene	12.400	106	98536	18.895	ug/l	88
70) Styrene	12.412	104	148158	19.088	ug/l	94
71) Bromoform	12.582	173	45615	18.584	ug/l #	99
73) Isopropylbenzene	12.700	105	263443	18.819	ug/l	98
74) N-amyl acetate	12.494	43	84914	19.451	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	80757	19.274	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	79560m	18.024	ug/l	
77) Bromobenzene	12.982	156	64150	18.176	ug/l	96
78) n-propylbenzene	13.041	91	289967	18.523	ug/l	97
79) 2-Chlorotoluene	13.129	91	191667	18.851	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	228402	18.743	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	27615	21.137	ug/l #	83
82) 4-Chlorotoluene	13.223	91	195259	18.746	ug/l	96
83) tert-Butylbenzene	13.441	119	184053	18.834	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	224708	18.727	ug/l	99
85) sec-Butylbenzene	13.617	105	230939	18.681	ug/l	99
86) p-Isopropyltoluene	13.735	119	205411	18.600	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	112092	17.627	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	112583	17.617	ug/l	96
89) n-Butylbenzene	14.059	91	162419	17.572	ug/l	98
90) Hexachloroethane	14.335	117	40180	18.663	ug/l	76
91) 1,2-Dichlorobenzene	14.111	146	110998	18.241	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18807	19.325	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	57979	16.382	ug/l	97
94) Hexachlorobutadiene	15.505	225	30606	15.027	ug/l	97
95) Naphthalene	15.647	128	170300	16.594	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	56816	17.127	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
Data File : VN080140.D
Acq On : 16 Nov 2023 17:58
Operator : JC\MD
Sample : VN1116WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

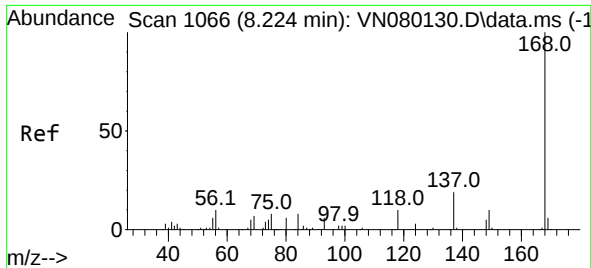
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

Quant Time: Nov 17 01:25:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed



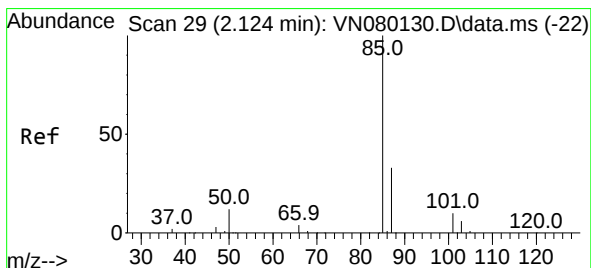
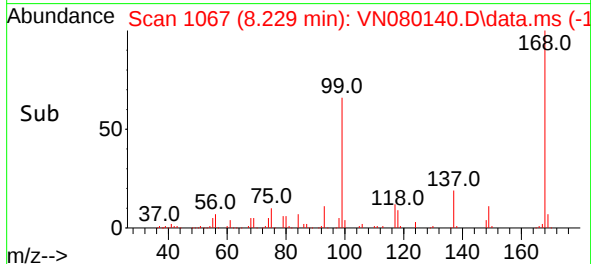
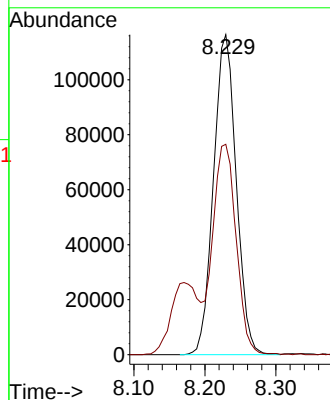
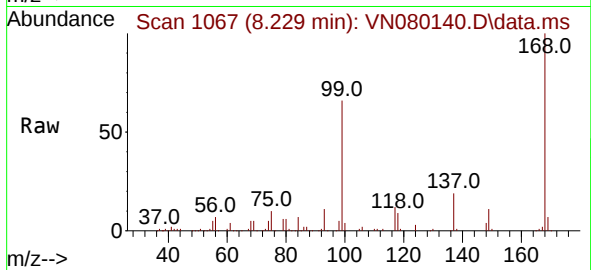
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion:168 Resp: 258089
Ion Ratio Lower Upper
168 100
99 65.6 53.0 79.6

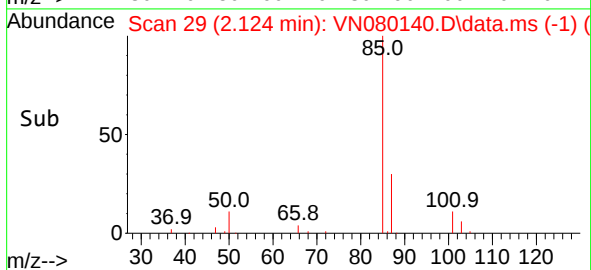
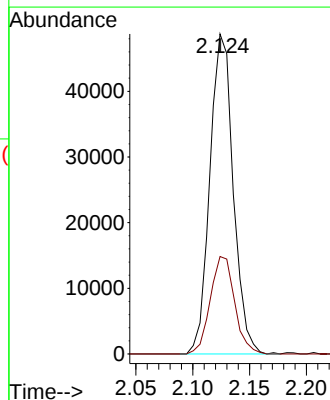
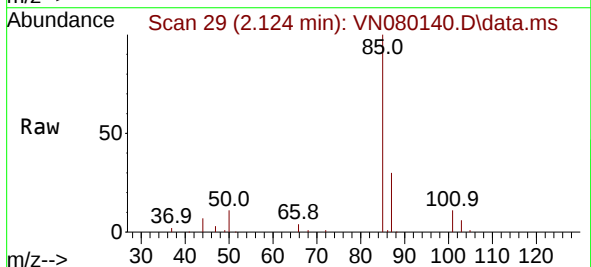
Manual Integrations
APPROVED

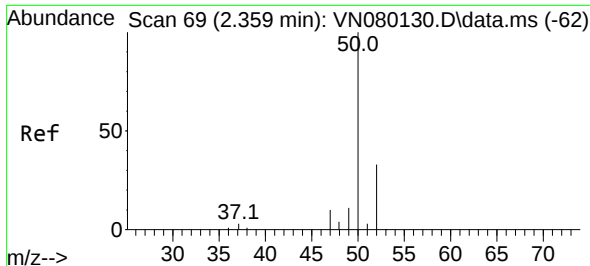
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#2
Dichlorodifluoromethane
Concen: 18.136 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Tgt Ion: 85 Resp: 69723
Ion Ratio Lower Upper
85 100
87 30.4 15.8 47.4





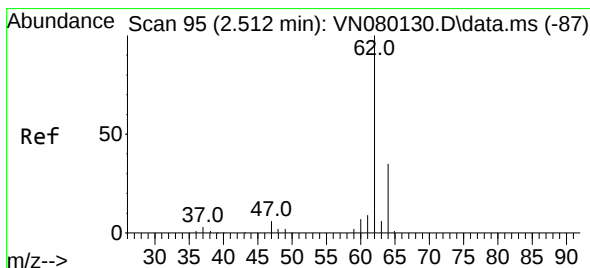
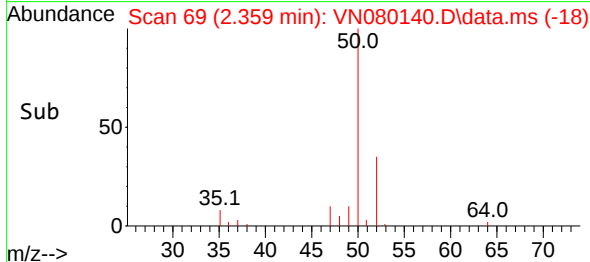
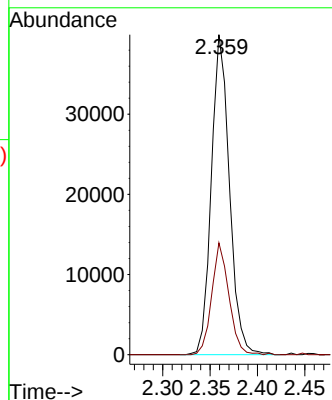
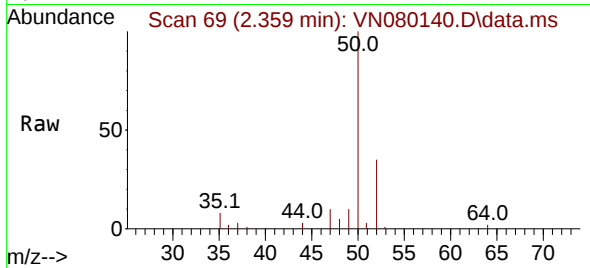
#3
Chloromethane
Concen: 18.326 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 50 Resp: 52969
Ion Ratio Lower Upper
50 100
52 35.0 26.5 39.7

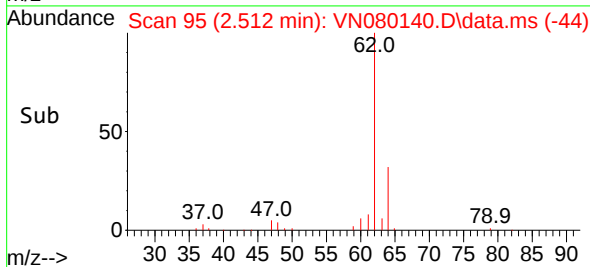
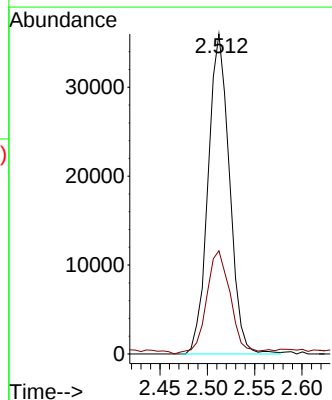
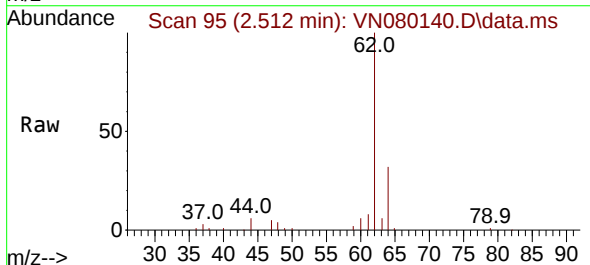
Manual Integrations
APPROVED

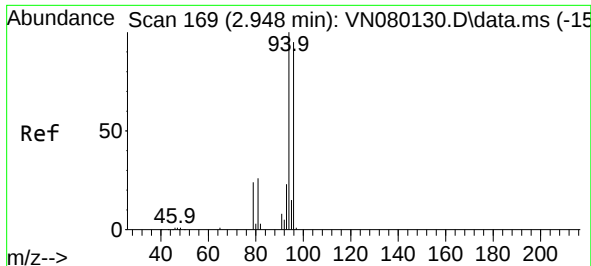
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#4
Vinyl Chloride
Concen: 18.483 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Tgt Ion: 62 Resp: 56534
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





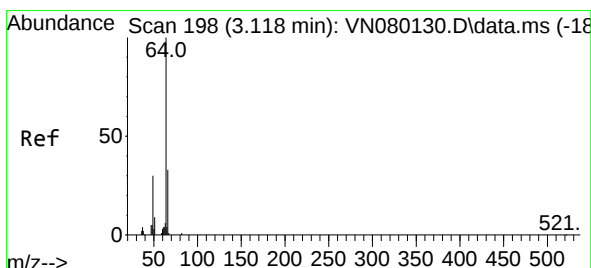
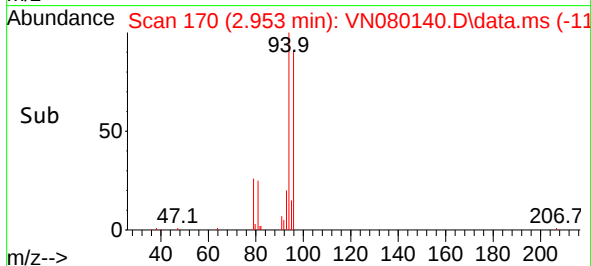
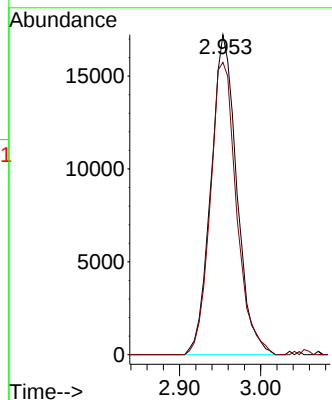
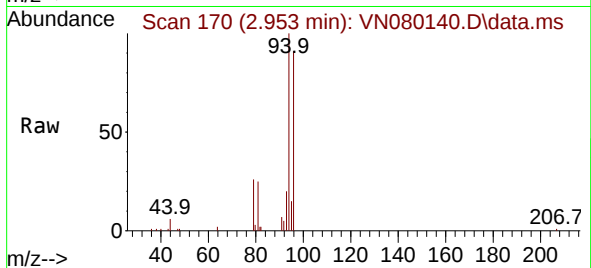
#5
Bromomethane
Concen: 18.350 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 94 Resp: 38104
Ion Ratio Lower Upper
94 100
96 91.4 73.1 109.7

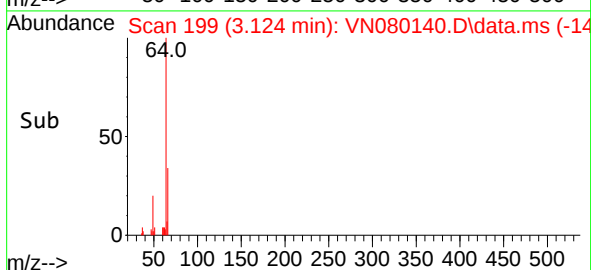
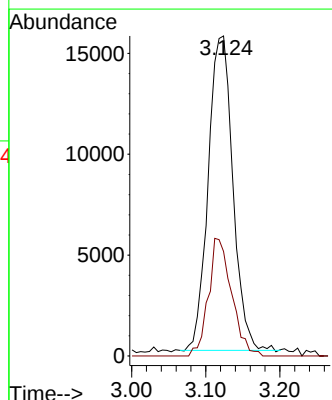
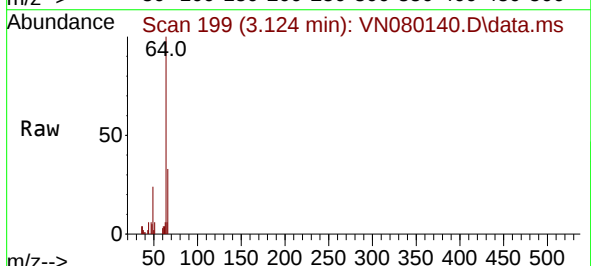
Manual Integrations
APPROVED

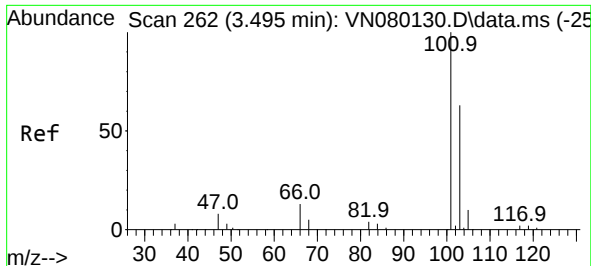
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#6
Chloroethane
Concen: 17.950 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Tgt Ion: 64 Resp: 36043
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.2





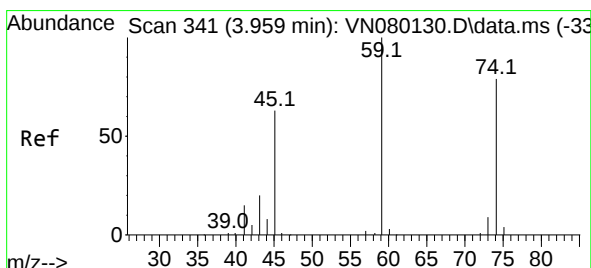
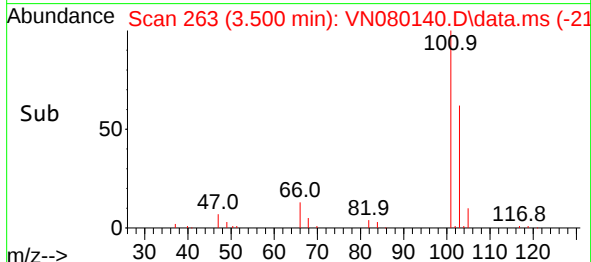
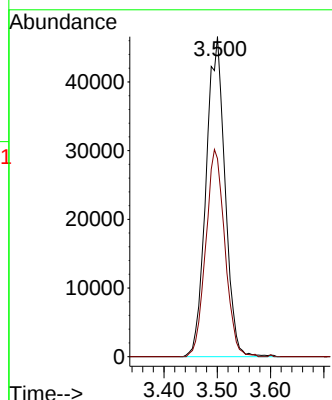
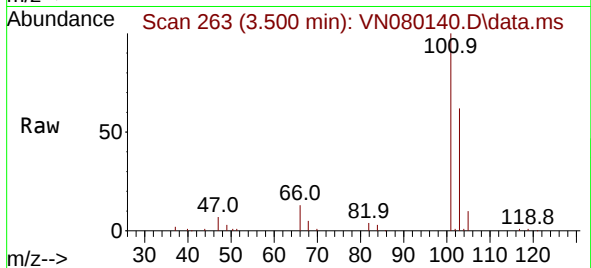
#7
Trichlorofluoromethane
Concen: 18.004 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion:101 Resp: 114879
Ion Ratio Lower Upper
101 100
103 61.9 50.7 76.1

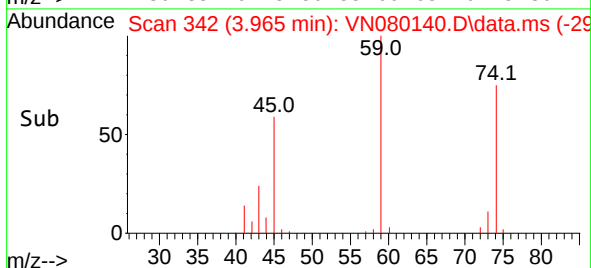
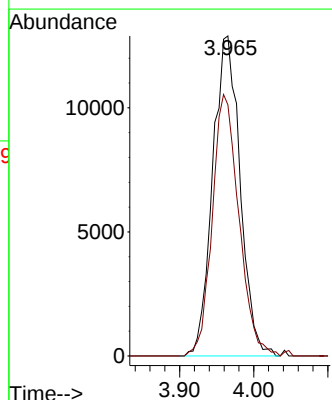
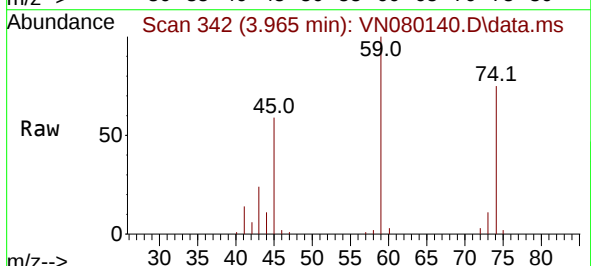
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#8
Diethyl Ether
Concen: 17.854 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Tgt Ion: 74 Resp: 33131
Ion Ratio Lower Upper
74 100
45 79.4 34.4 103.3





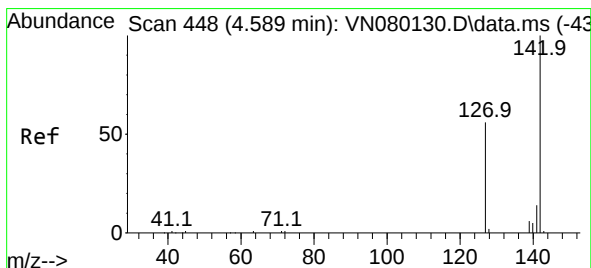
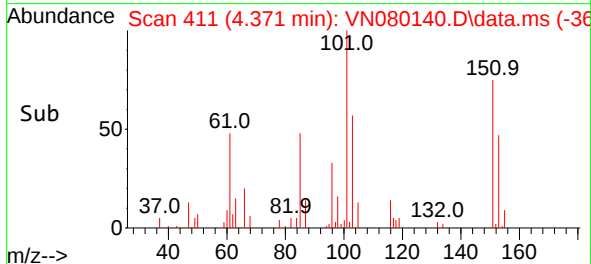
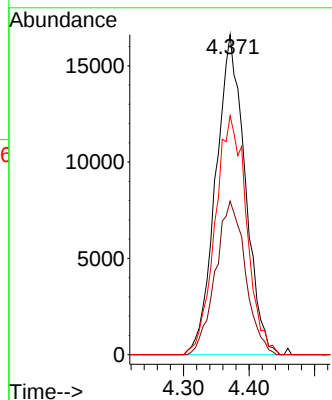
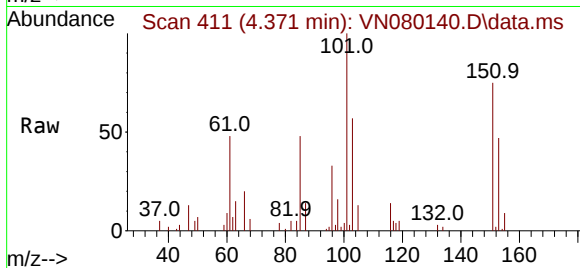
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.696 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion:101 Resp: 51609
Ion Ratio Lower Upper
101 100
85 48.9 36.6 55.0
151 79.9 57.6 86.4

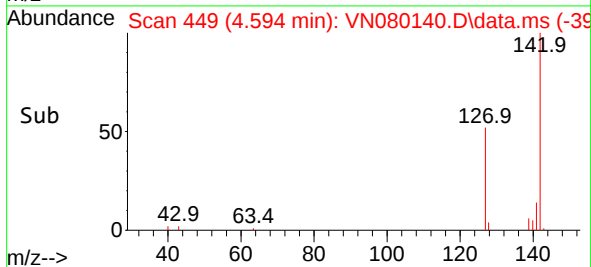
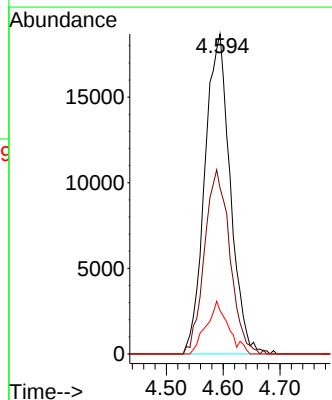
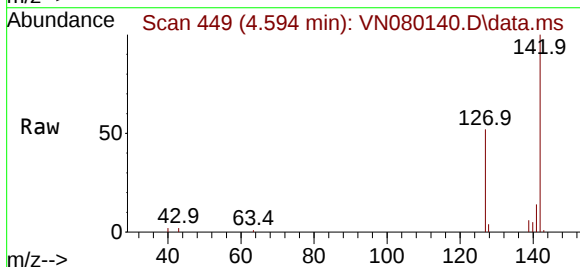
Manual Integrations
APPROVED

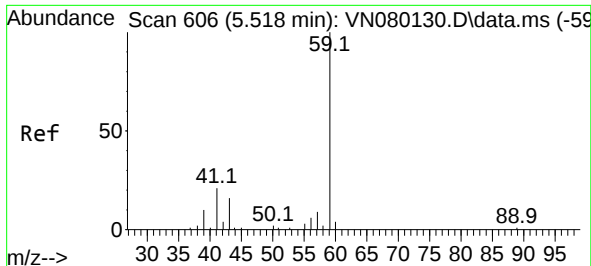
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#10
Methyl Iodide
Concen: 18.389 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Tgt Ion:142 Resp: 57960
Ion Ratio Lower Upper
142 100
127 51.9 37.6 56.4
141 13.5 11.4 17.0





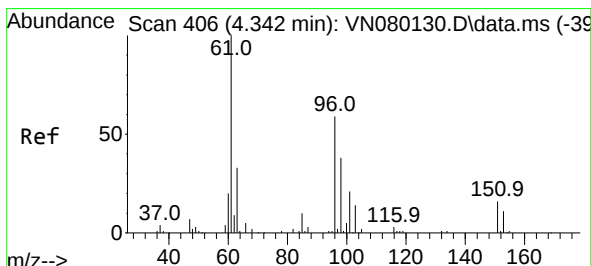
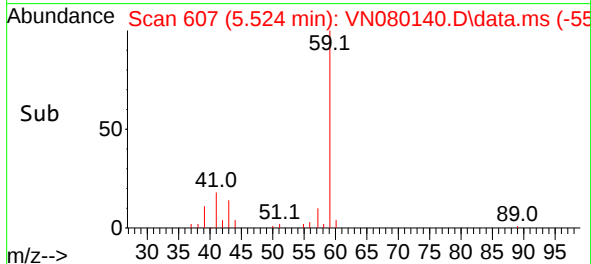
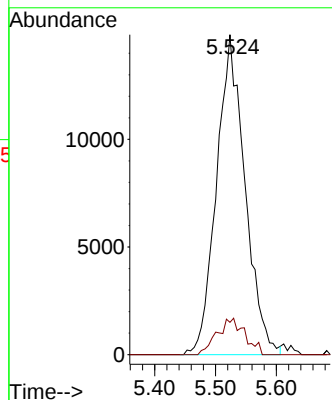
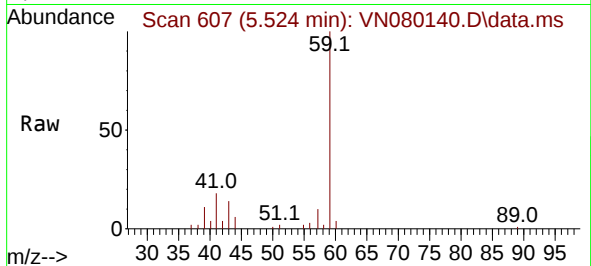
#11
Tert butyl alcohol
Concen: 102.941 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 59 Resp: 4824
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

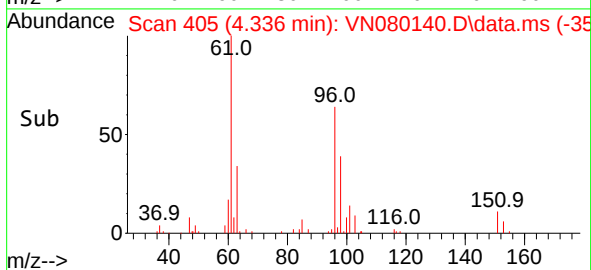
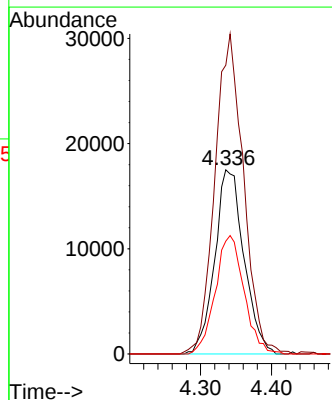
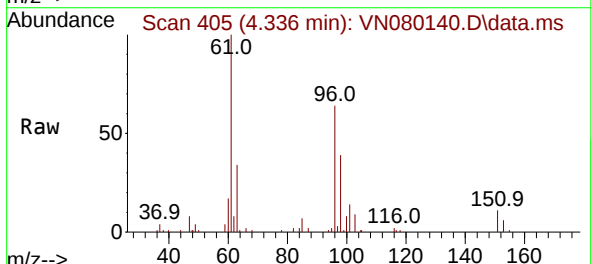
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#12
1,1-Dichloroethene
Concen: 18.336 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

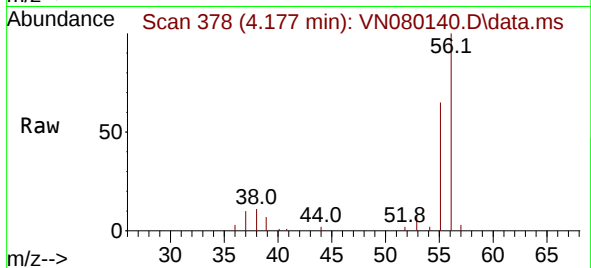
Tgt Ion: 96 Resp: 50018
Ion Ratio Lower Upper
96 100
61 156.8 112.7 169.1
98 61.2 51.2 76.8





#13
Acrolein
Concen: 101.775 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

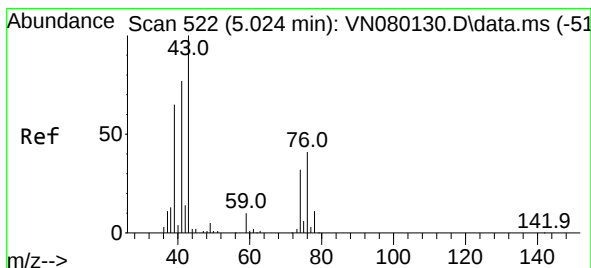
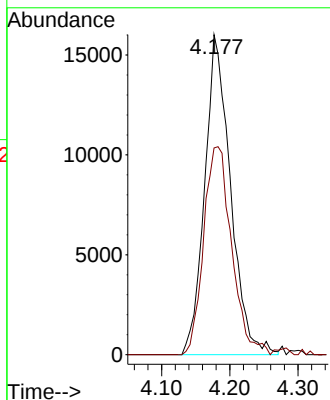
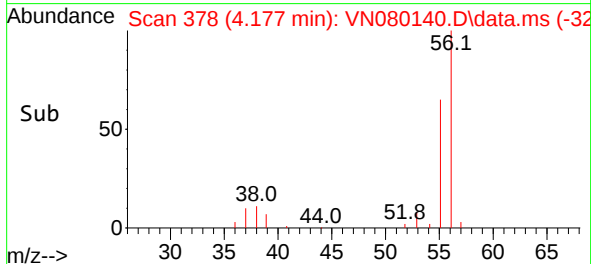
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 56 Resp: 42209
Ion Ratio Lower Upper
56 100
55 70.5 54.5 81.7

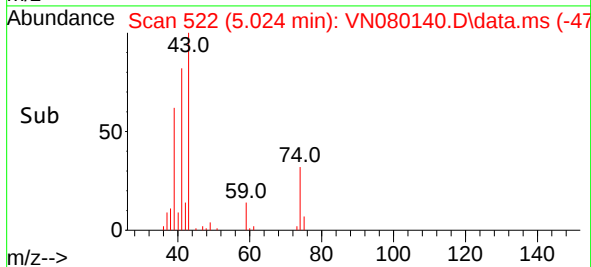
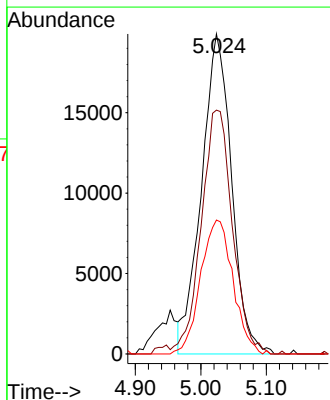
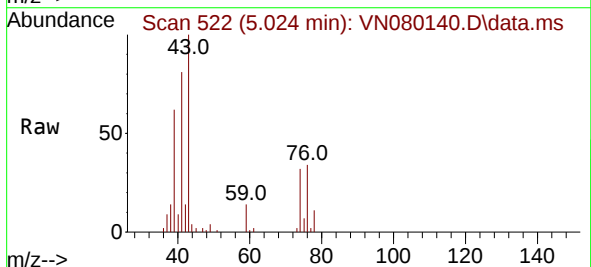
Manual Integrations
APPROVED

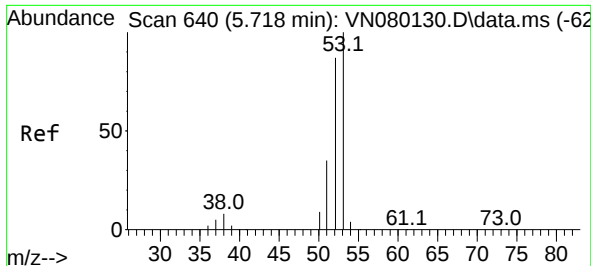
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#14
Allyl chloride
Concen: 18.511 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

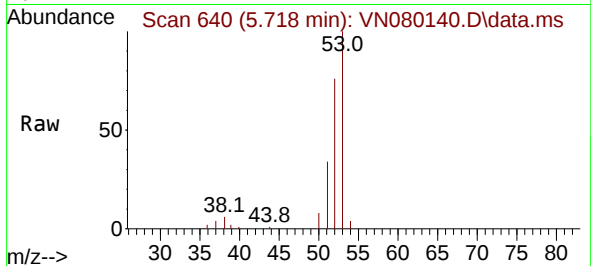
Tgt Ion: 41 Resp: 63530
Ion Ratio Lower Upper
41 100
39 78.8 58.8 88.2
76 44.8 39.1 58.7





#15
Acrylonitrile
Concen: 102.592 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

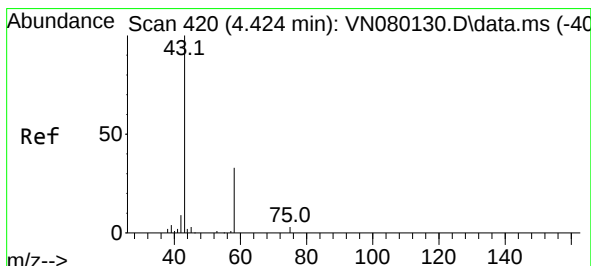
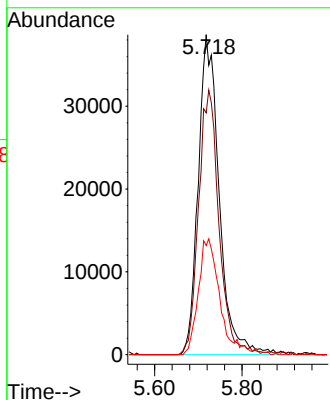
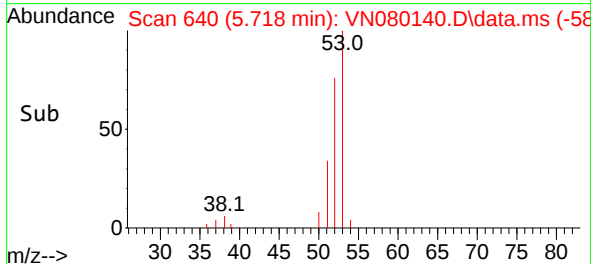
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 53 Resp: 12906
Ion Ratio Lower Upper
53 100
52 80.8 65.3 97.9
51 36.9 28.9 43.3

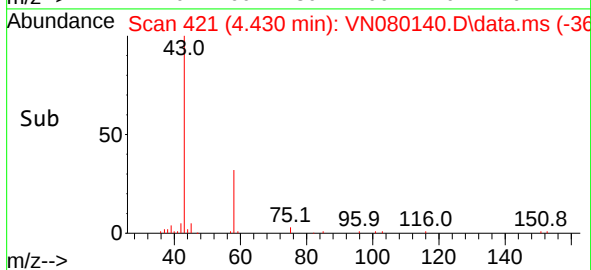
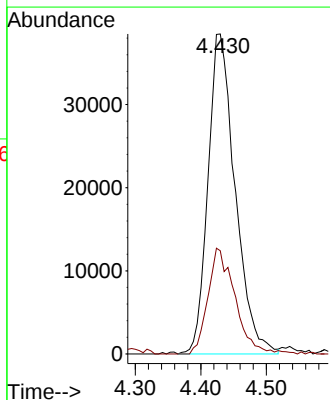
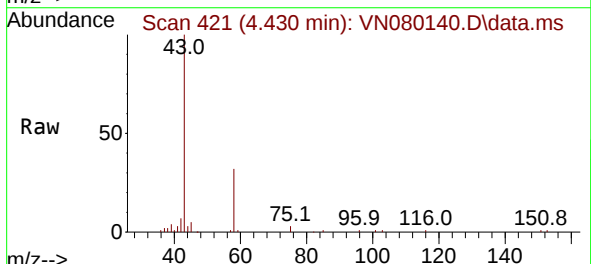
Manual Integrations
APPROVED

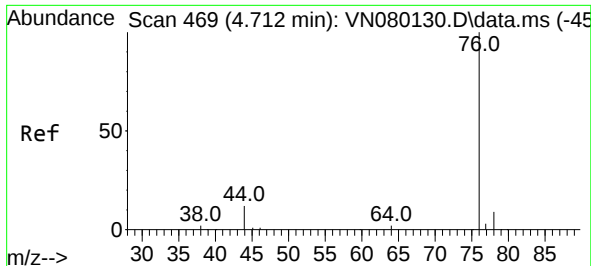
Reviewed By :John Carbone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#16
Acetone
Concen: 77.505 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

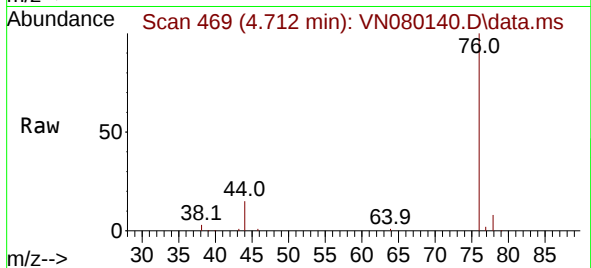
Tgt Ion: 43 Resp: 110935
Ion Ratio Lower Upper
43 100
58 32.3 28.0 42.0





#17
Carbon Disulfide
Concen: 17.235 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

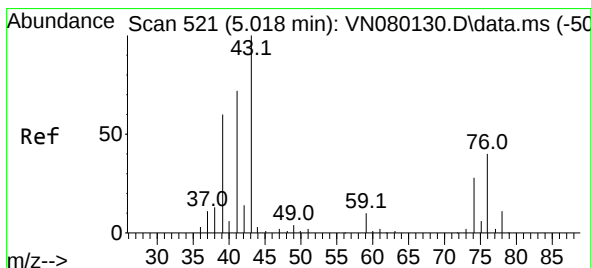
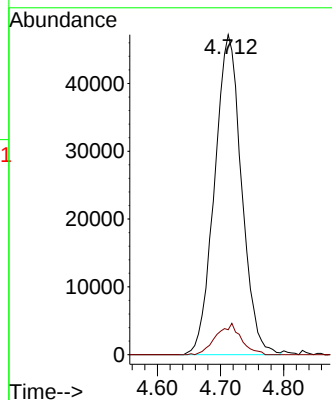
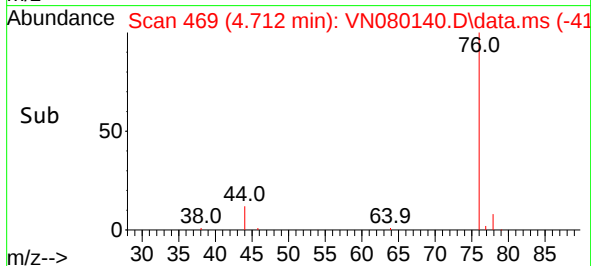
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



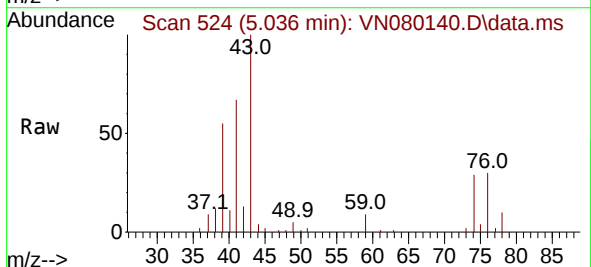
Tgt Ion: 76 Resp: 140378
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0

Manual Integrations
APPROVED

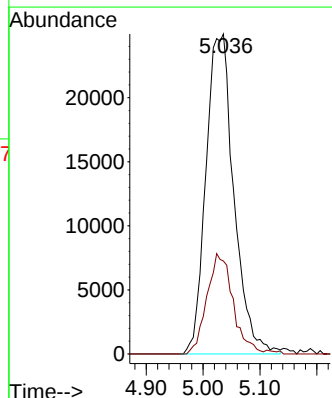
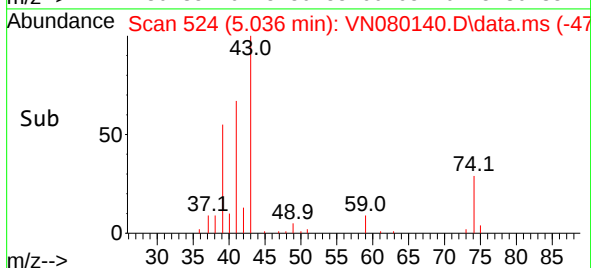
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

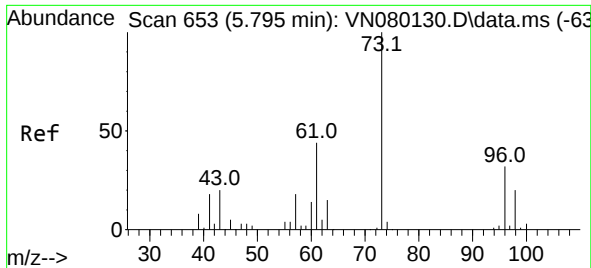


#18
Methyl Acetate
Concen: 18.538 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.017 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58



Tgt Ion: 43 Resp: 85254
Ion Ratio Lower Upper
43 100
74 29.2 26.2 39.4





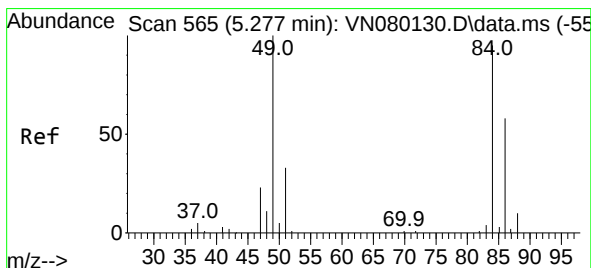
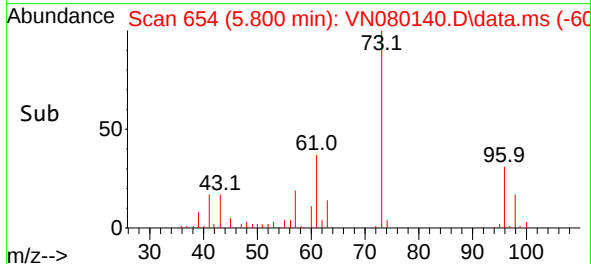
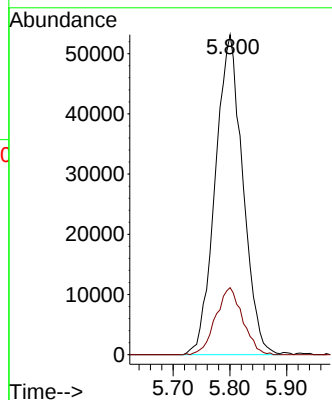
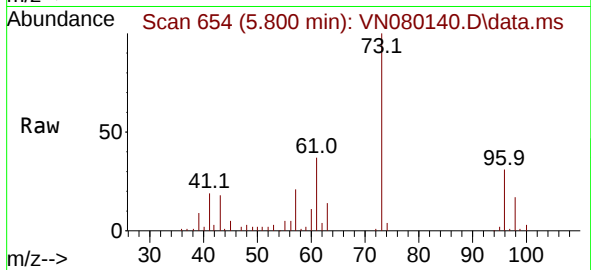
#19
Methyl tert-butyl Ether
Concen: 18.552 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 73 Resp: 17871
Ion Ratio Lower Upper
73 100
57 21.0 15.6 23.4

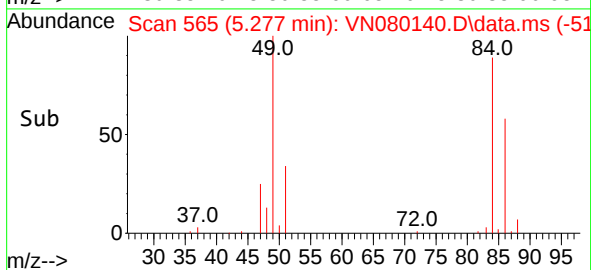
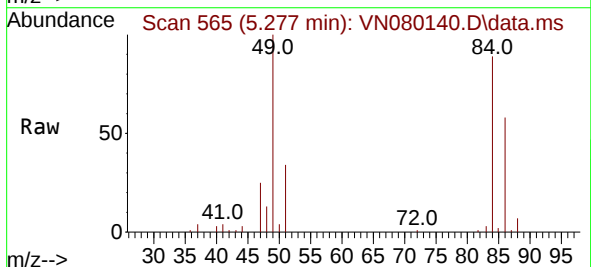
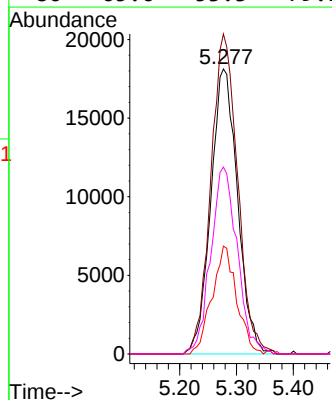
Manual Integrations
APPROVED

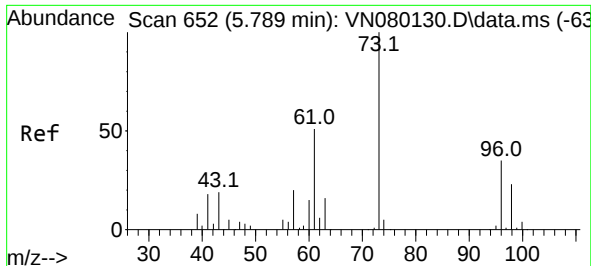
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#20
Methylene Chloride
Concen: 19.767 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

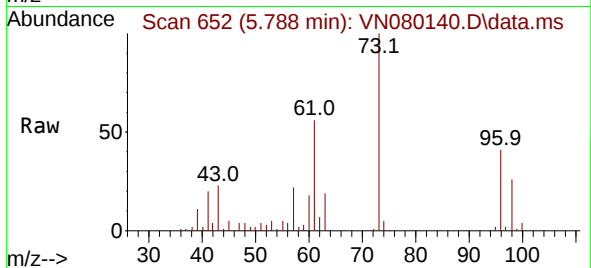
Tgt Ion: 84 Resp: 59251
Ion Ratio Lower Upper
84 100
49 112.3 79.7 119.5
51 37.9 25.2 37.8#
86 65.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.569 ug/l
RT: 5.788 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

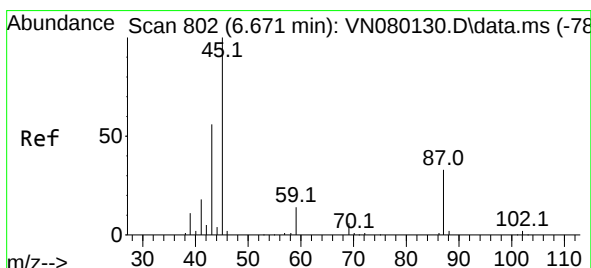
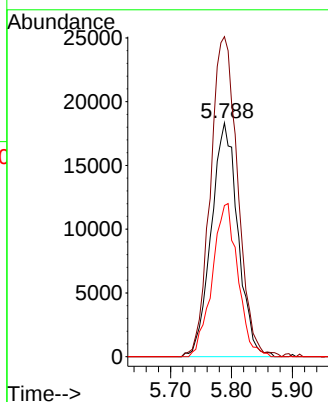
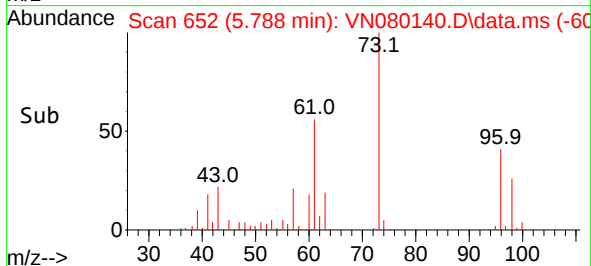
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



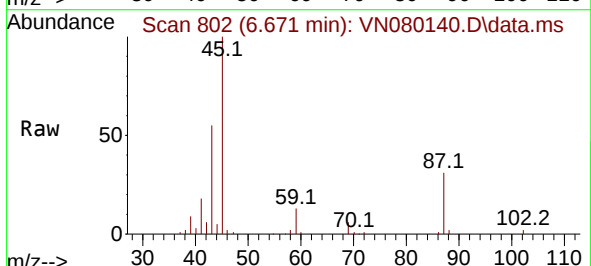
Tgt Ion: 96 Resp: 55649
Ion Ratio Lower Upper
96 100
61 136.9 90.1 135.1
98 64.6 46.4 69.6

Manual Integrations
APPROVED

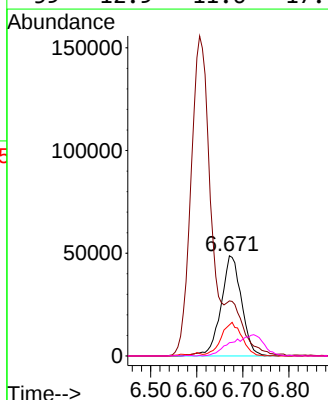
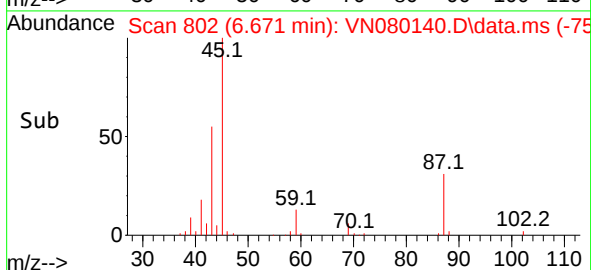
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

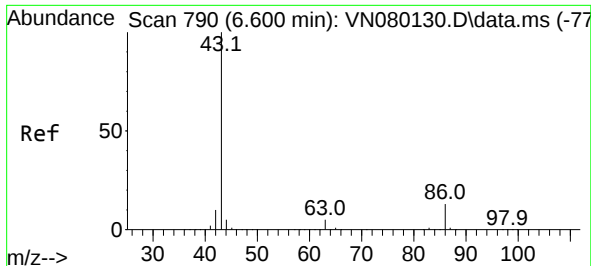


#22
Diisopropyl ether
Concen: 19.836 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58



Tgt Ion: 45 Resp: 150618
Ion Ratio Lower Upper
45 100
43 53.3 45.5 68.3
87 31.0 31.8 47.8#
59 12.9 11.6 17.4





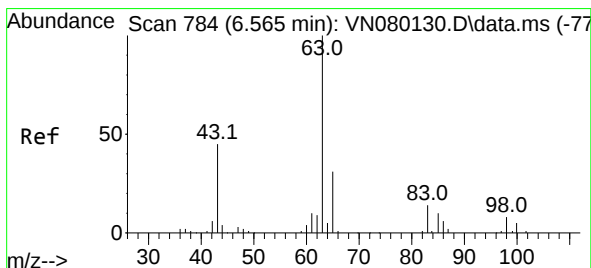
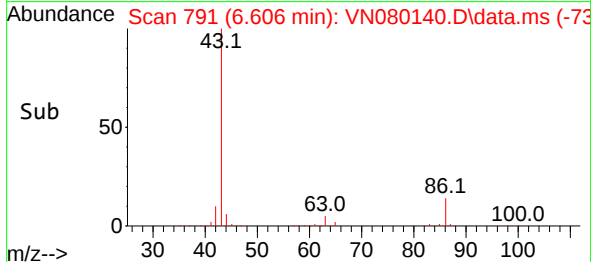
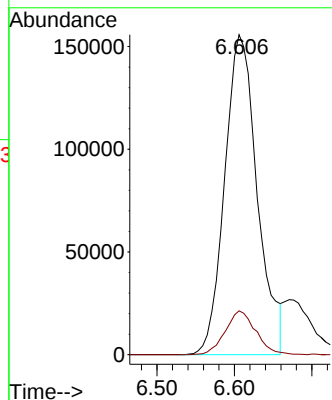
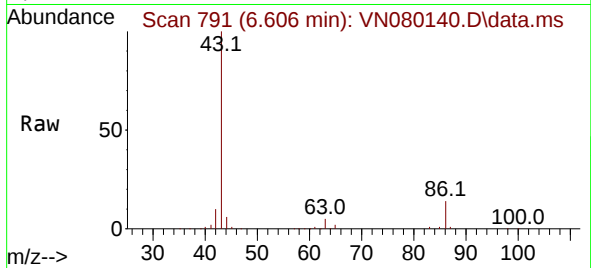
#23
 Vinyl Acetate
 Concen: 99.945 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080140.D
 Acq: 16 Nov 2023 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Tgt Ion: 43 Resp: 45623
 Ion Ratio Lower Upper
 43 100
 86 13.7 13.0 19.6

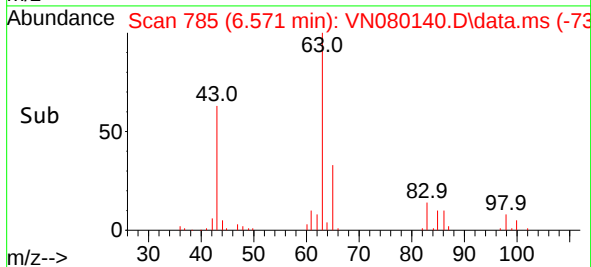
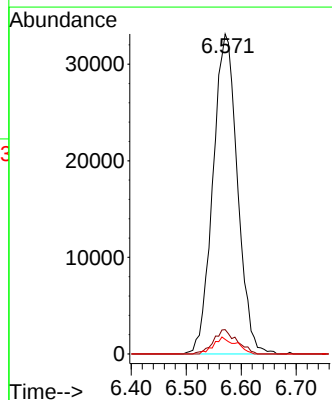
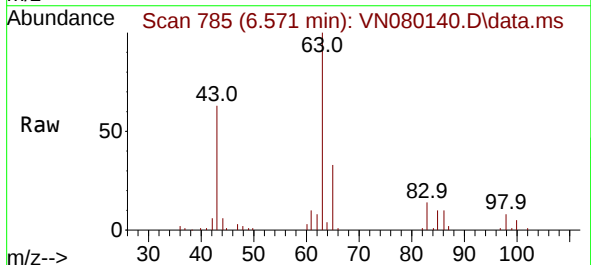
Manual Integrations
 APPROVED

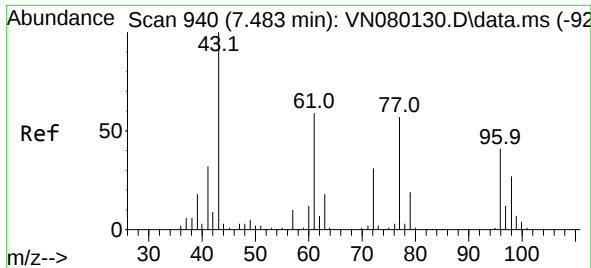
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#24
 1,1-Dichloroethane
 Concen: 18.575 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080140.D
 Acq: 16 Nov 2023 17:58

Tgt Ion: 63 Resp: 102724
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.6 2.5 7.4





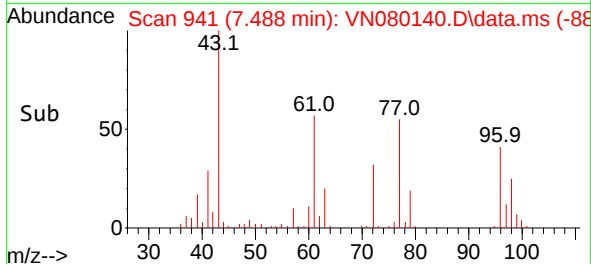
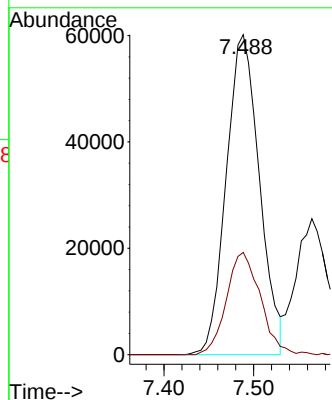
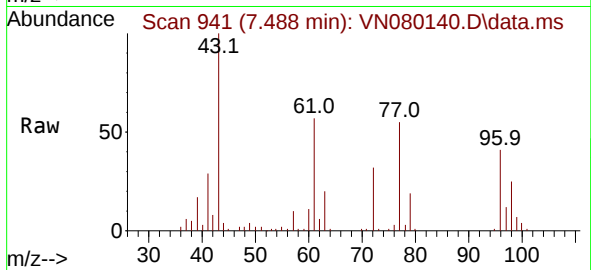
#25
2-Butanone
Concen: 90.843 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 43 Resp: 15448
Ion Ratio Lower Upper
43 100
72 31.9 30.2 45.2

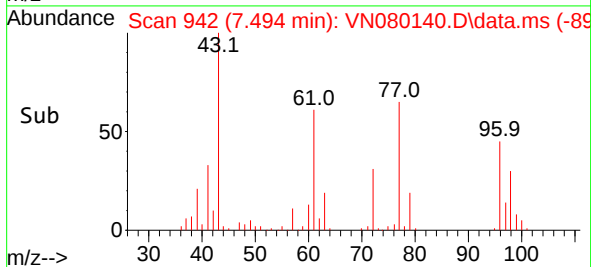
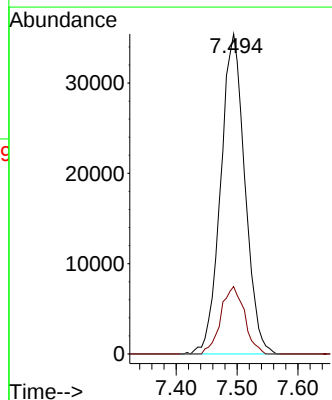
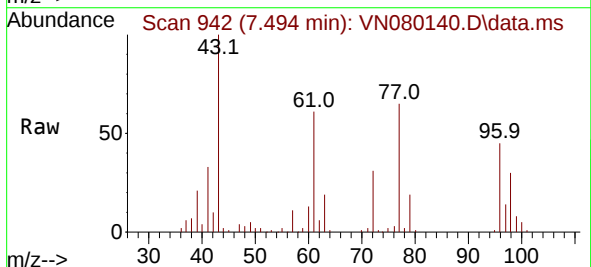
Manual Integrations
APPROVED

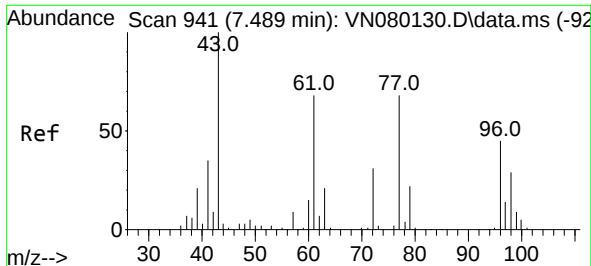
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#26
2,2-Dichloropropane
Concen: 17.837 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

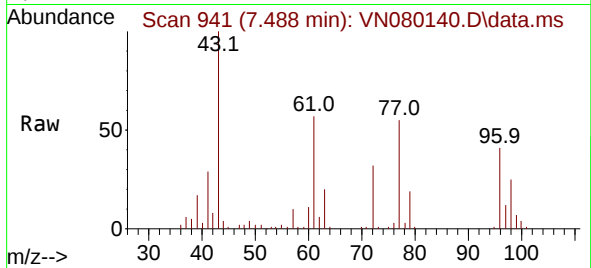
Tgt Ion: 77 Resp: 97869
Ion Ratio Lower Upper
77 100
97 20.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.655 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080140.D
 Acq: 16 Nov 2023 17:58

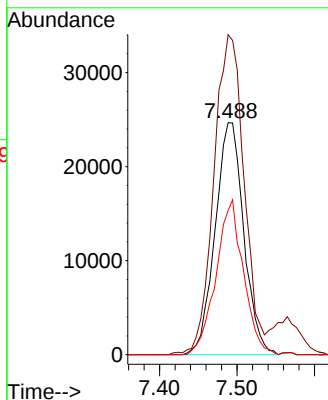
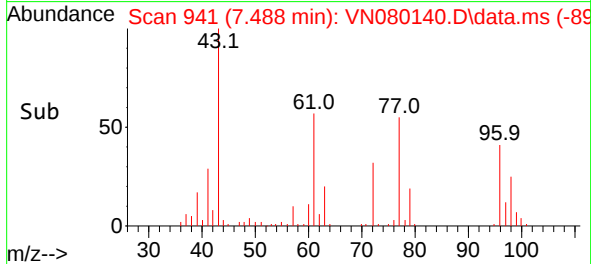
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01



Tgt Ion: 96 Resp: 6338
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 255.2
 98 63.9 0.0 128.8

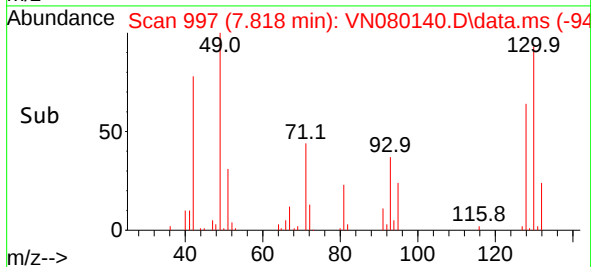
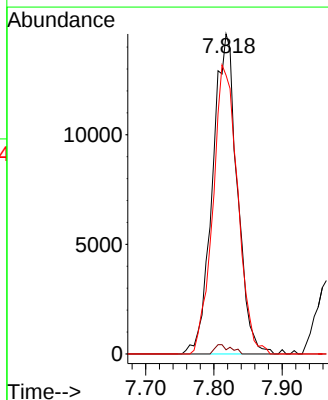
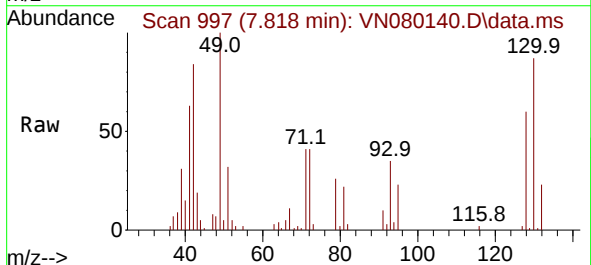
Manual Integrations
 APPROVED

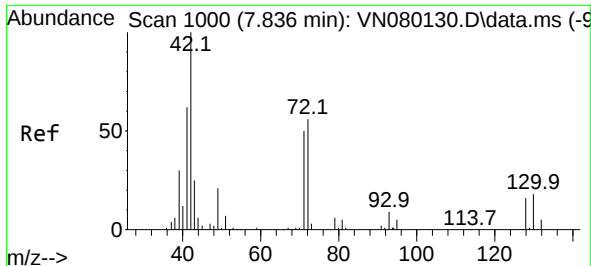
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#28
 Bromochloromethane
 Concen: 16.920 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080140.D
 Acq: 16 Nov 2023 17:58

Tgt Ion: 49 Resp: 36787
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 90.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 106.744 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

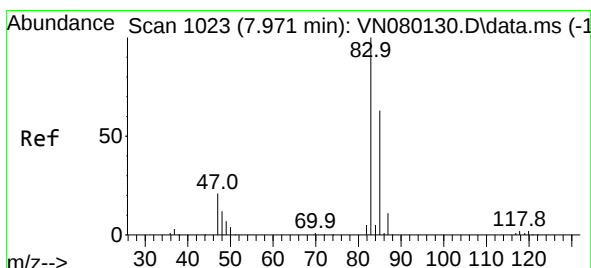
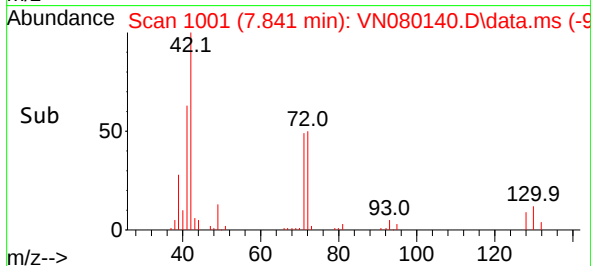
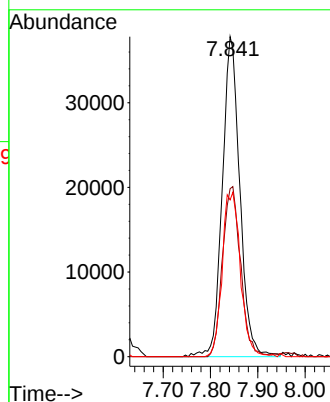
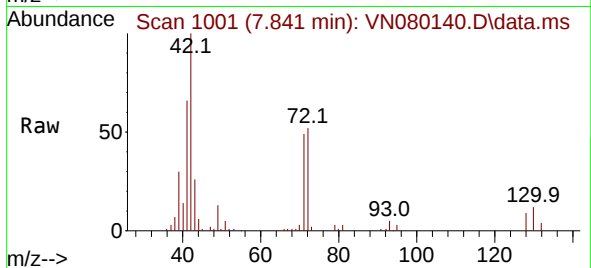
Tgt Ion:	42	Resp:	9745
Ion Ratio	Lower	Upper	
42	100		
72	54.7	49.8	74.6
71	53.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#30

Chloroform

Concen: 18.780 ug/l

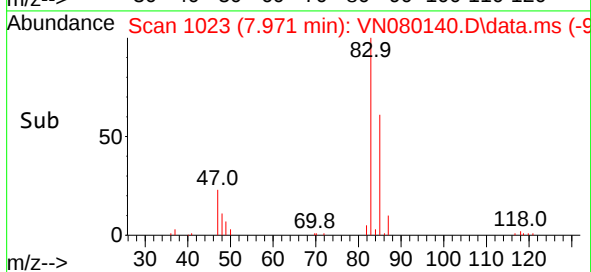
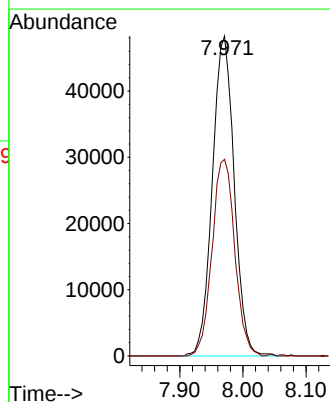
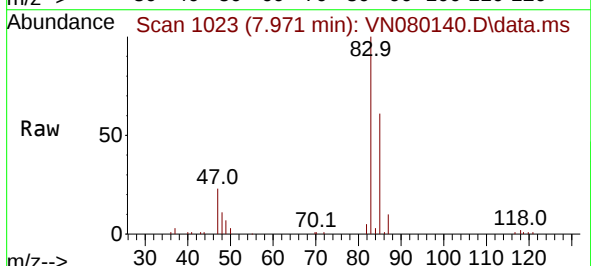
RT: 7.971 min Scan# 1023

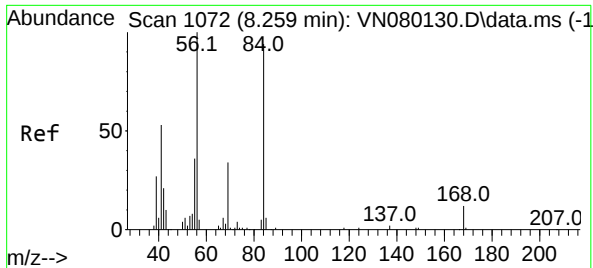
Delta R.T. -0.000 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

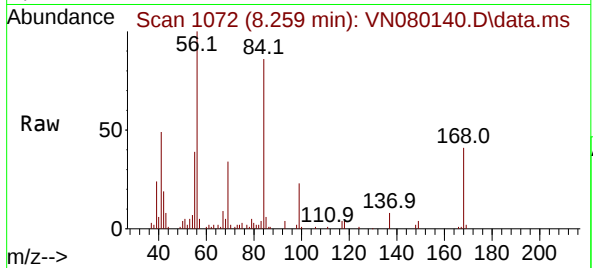
Tgt Ion:	83	Resp:	116087
Ion Ratio	Lower	Upper	
83	100		
85	61.5	55.4	83.0





#31
Cyclohexane
Concen: 18.704 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

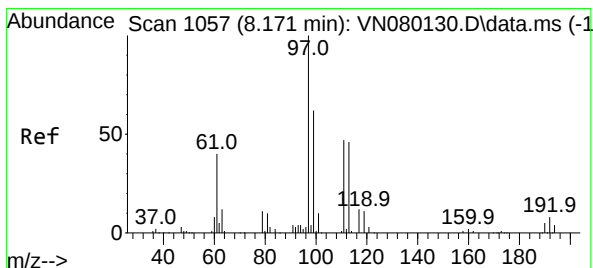
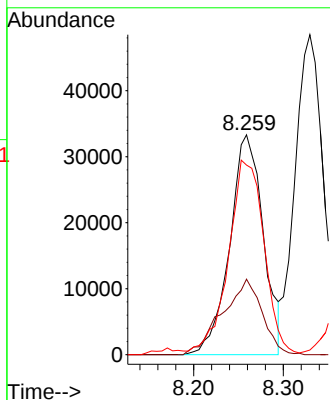
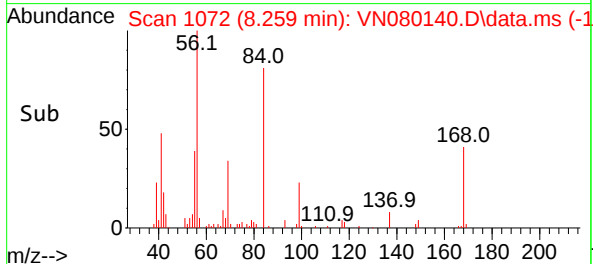
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



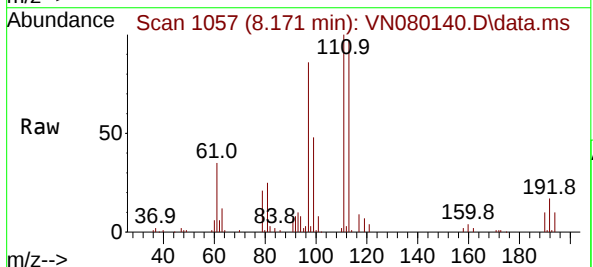
Tgt Ion: 56 Resp: 8668
Ion Ratio Lower Upper
56 100
69 34.4 26.8 40.2
84 84.3 81.8 122.6

Manual Integrations
APPROVED

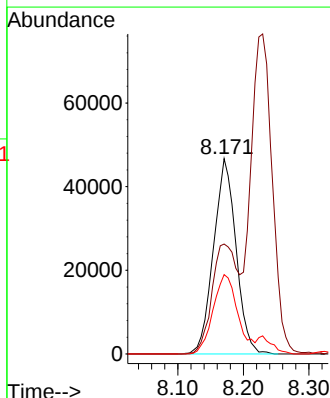
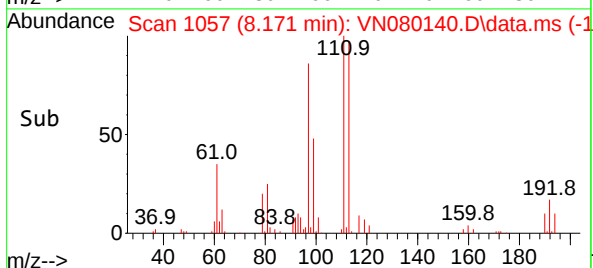
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

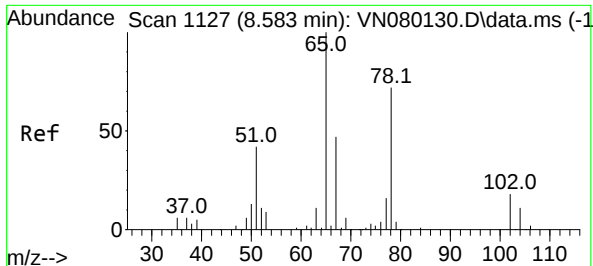


#32
1,1,1-Trichloroethane
Concen: 18.384 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58



Tgt Ion: 97 Resp: 110818
Ion Ratio Lower Upper
97 100
99 63.2 50.3 75.5
61 44.7 34.7 52.1





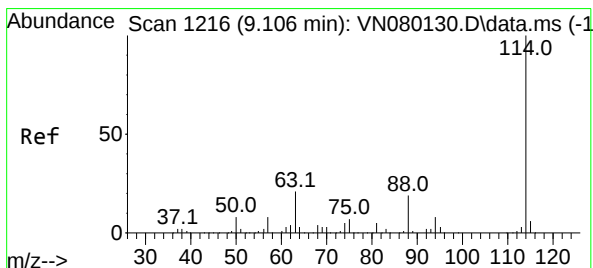
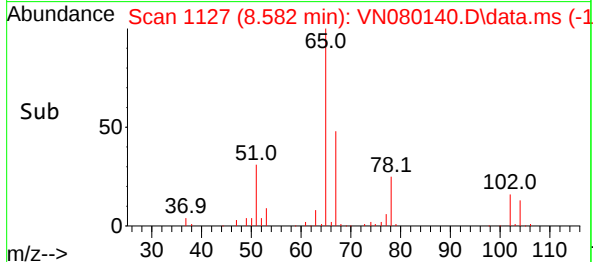
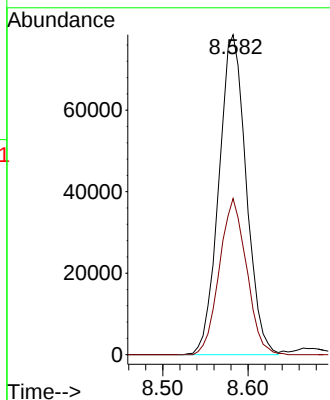
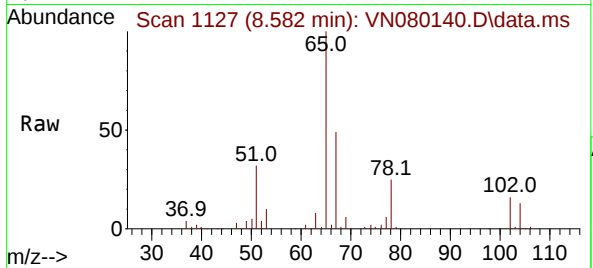
#33
1,2-Dichloroethane-d4
Concen: 41.017 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 65 Resp: 174793
Ion Ratio Lower Upper
65 100
67 48.5 0.0 106.6

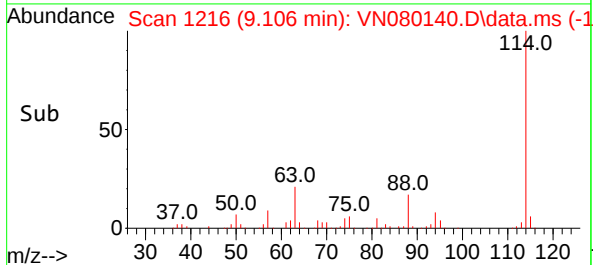
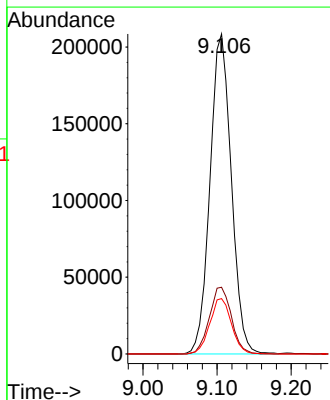
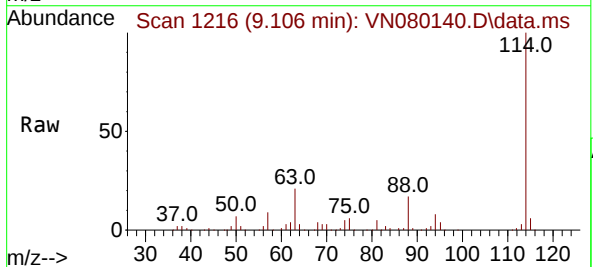
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

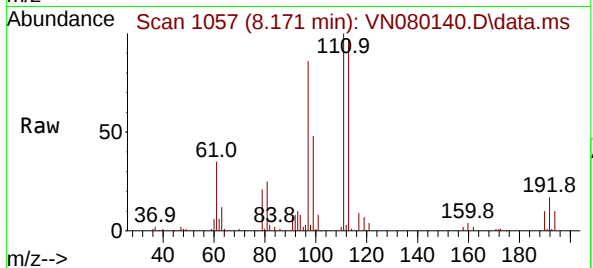
Tgt Ion:114 Resp: 416950
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 17.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 41.342 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

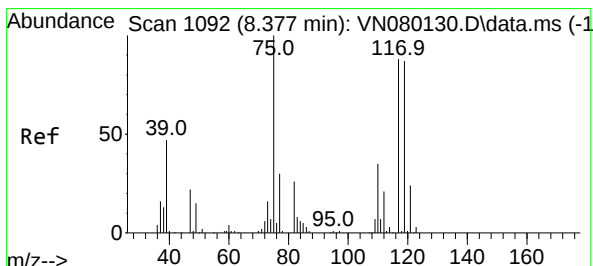
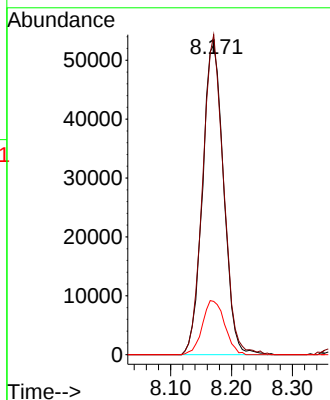
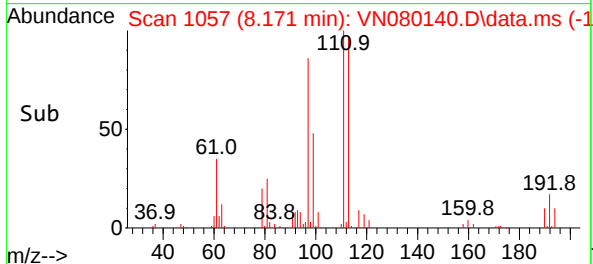
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 113 Resp: 127190
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 18.3 12.7 19.1

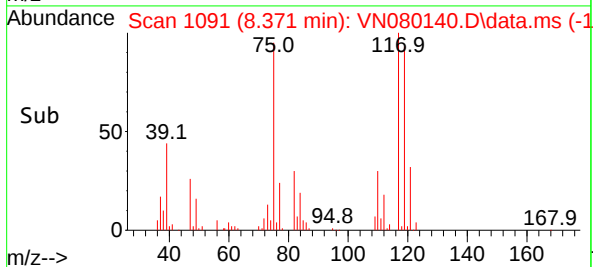
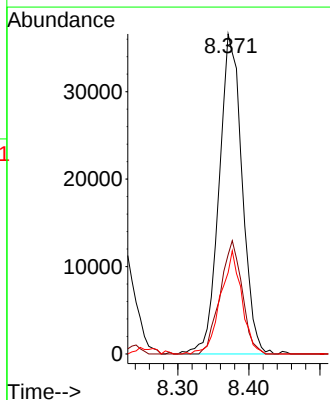
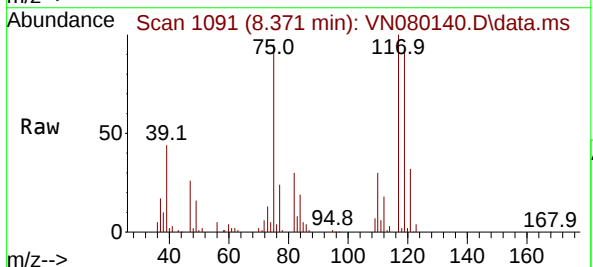
Manual Integrations
APPROVED

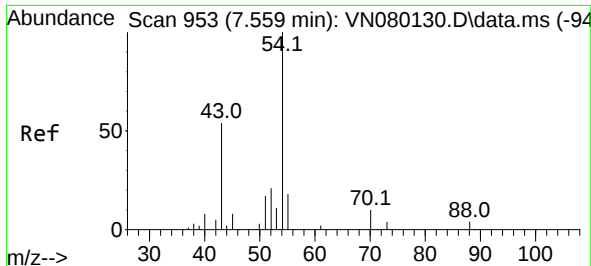
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#36
1,1-Dichloropropene
Concen: 18.473 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Tgt Ion: 75 Resp: 82282
Ion Ratio Lower Upper
75 100
110 33.9 19.1 57.3
77 29.7 25.0 37.4





#37

Ethyl Acetate

Concen: 21.226 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

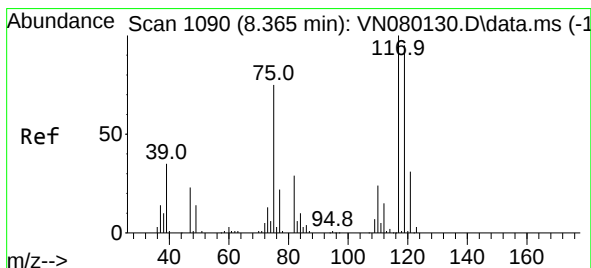
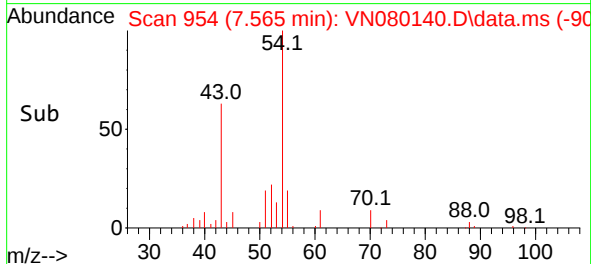
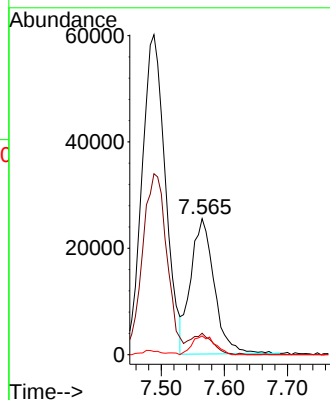
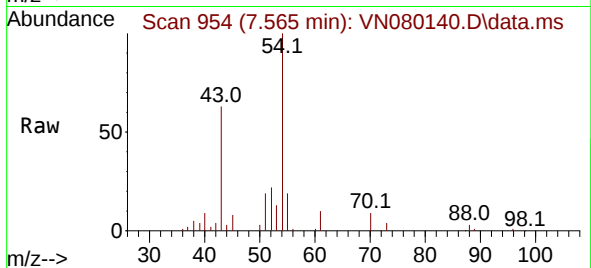
Tgt Ion: 43	Resp: 6558
Ion Ratio	Lower Upper
43 100	
61 13.6	13.2 19.8
70 13.3	11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#38

Carbon Tetrachloride

Concen: 17.734 ug/l

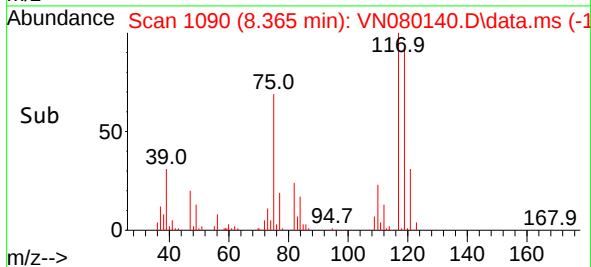
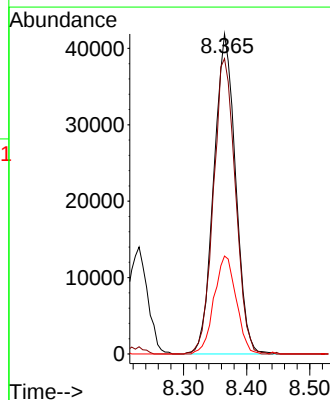
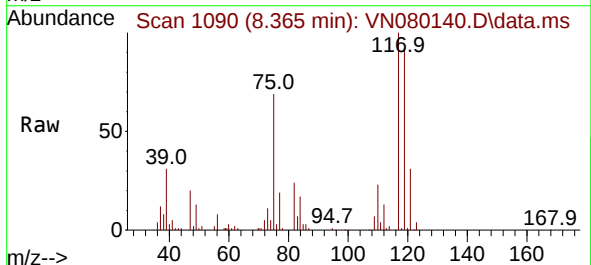
RT: 8.365 min Scan# 1090

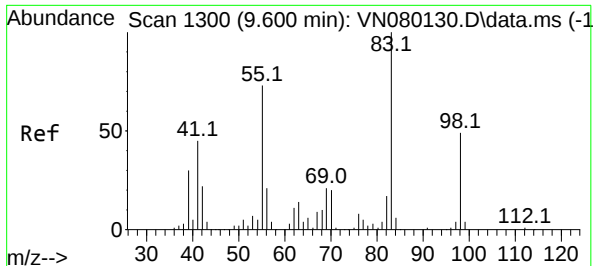
Delta R.T. -0.000 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Tgt Ion: 117	Resp: 100239
Ion Ratio	Lower Upper
117 100	
119 92.3	77.3 115.9
121 30.6	23.3 34.9





#39

Methylcyclohexane

Concen: 18.579 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion: 83 Resp: 79792

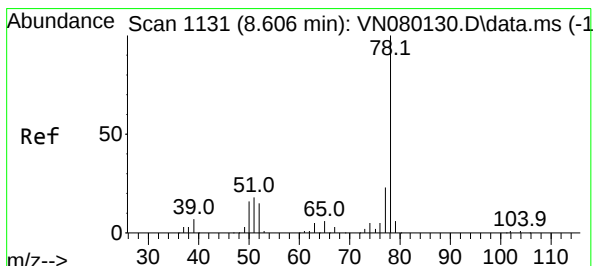
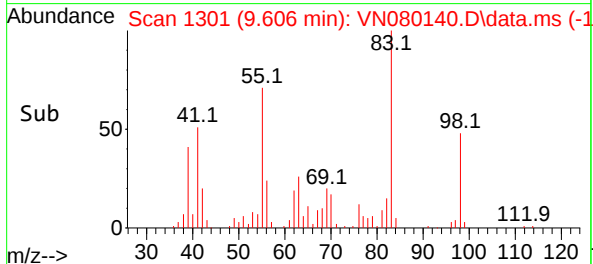
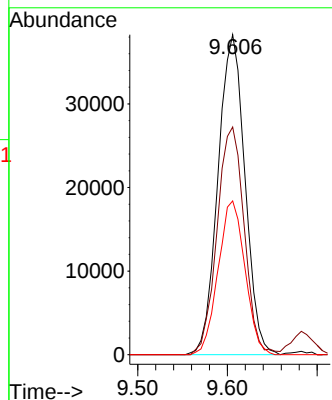
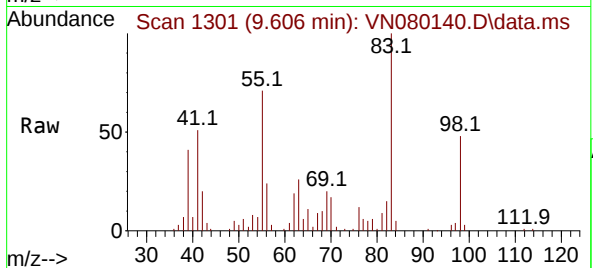
Ion	Ratio	Lower	Upper
83	100		
55	71.1	49.1	73.7
98	48.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#40

Benzene

Concen: 18.733 ug/l

RT: 8.612 min Scan# 1132

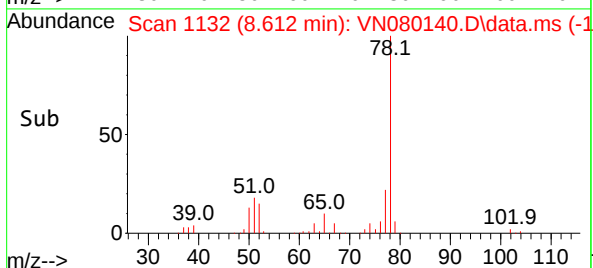
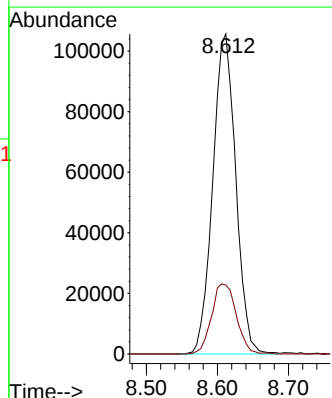
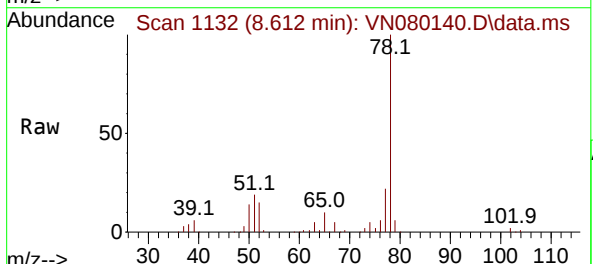
Delta R.T. 0.006 min

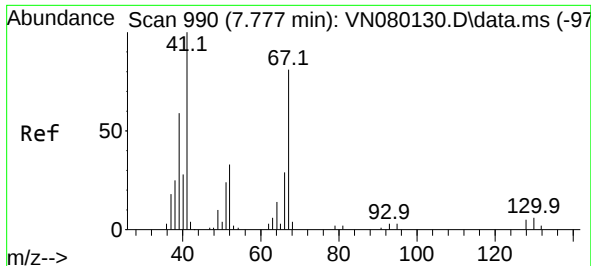
Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Tgt Ion: 78 Resp: 237154

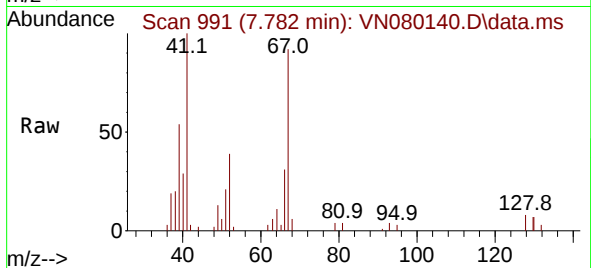
Ion	Ratio	Lower	Upper
78	100		
77	21.6	19.0	28.6





#41
Methacrylonitrile
Concen: 19.077 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

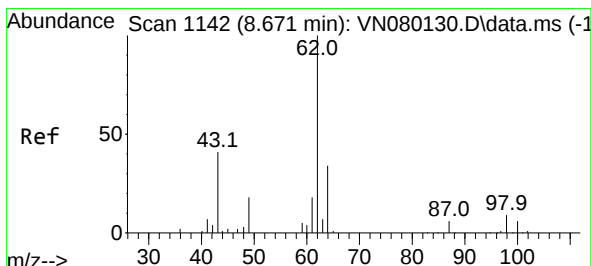
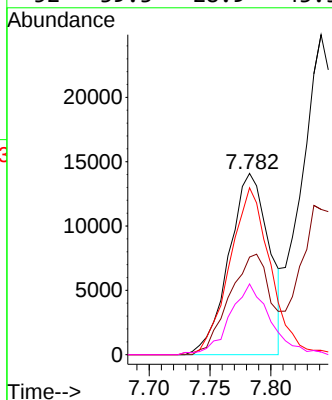
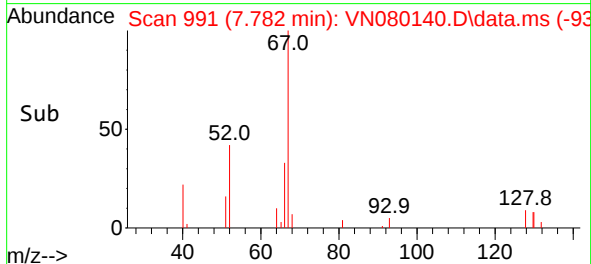
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion:	41	Resp:	3236
Ion Ratio	100	Lower	Upper
39	56.2	42.6	64.0
67	94.2	77.5	116.3
52	39.3	28.9	43.3

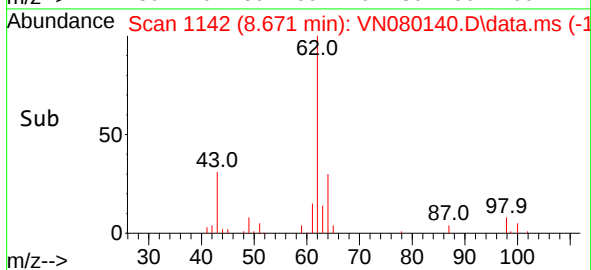
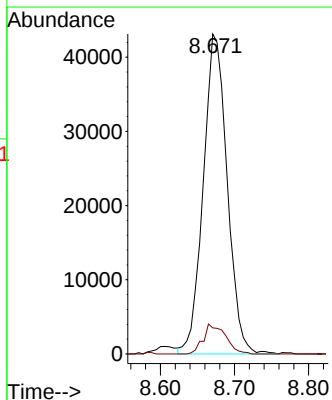
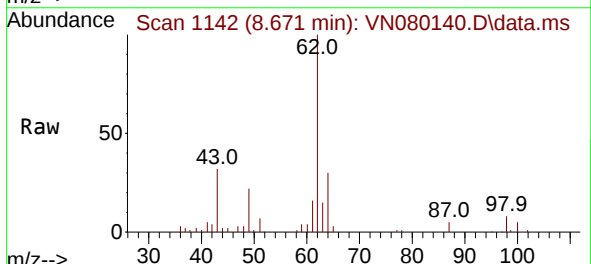
Manual Integrations
APPROVED

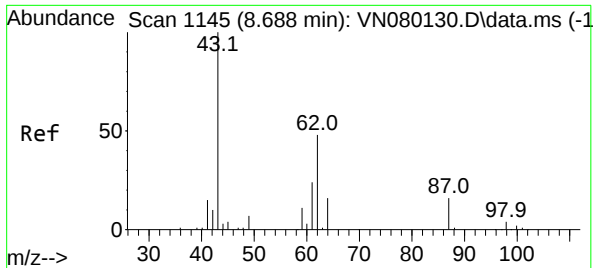
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#42
1,2-Dichloroethane
Concen: 18.689 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Tgt Ion:	62	Resp:	96796
Ion Ratio	100	Lower	Upper
98	8.7	0.0	19.8





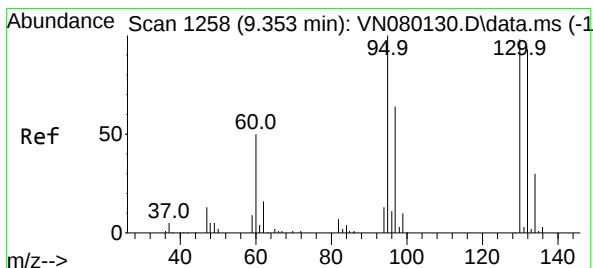
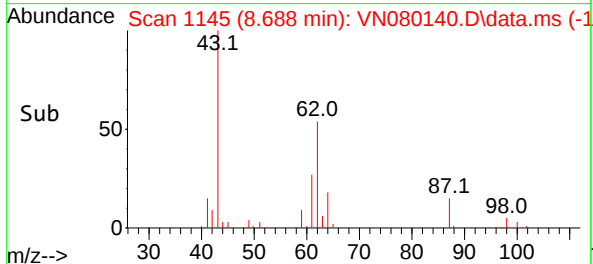
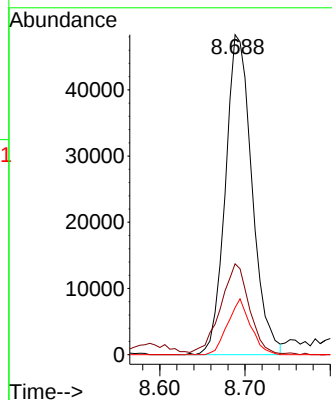
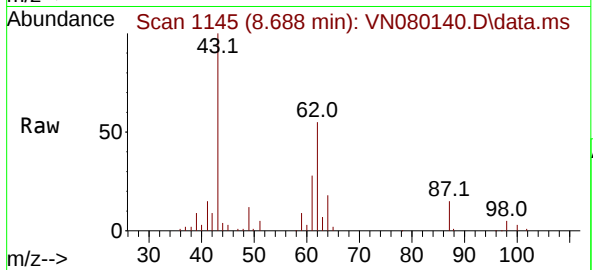
#43
Isopropyl Acetate
Concen: 17.443 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 43 Resp: 104872
Ion Ratio Lower Upper
43 100
61 31.0 24.7 37.1
87 15.0 14.6 21.8

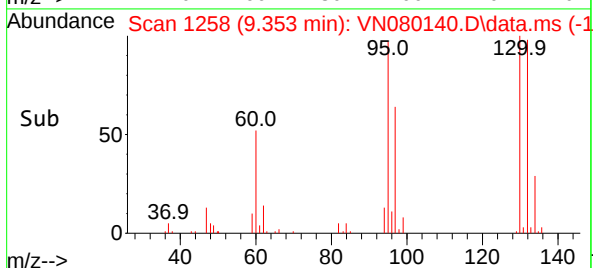
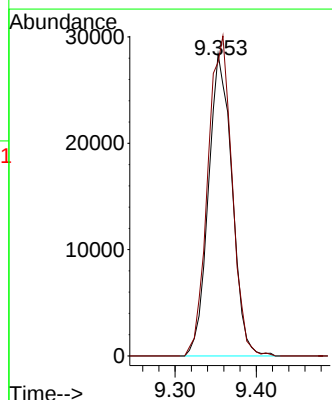
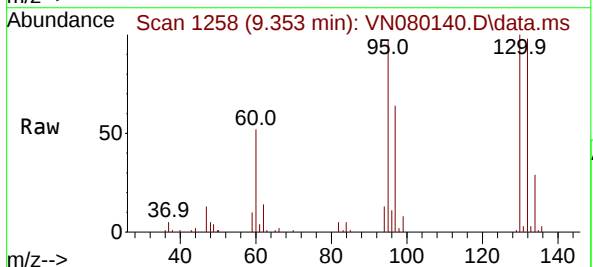
Manual Integrations
APPROVED

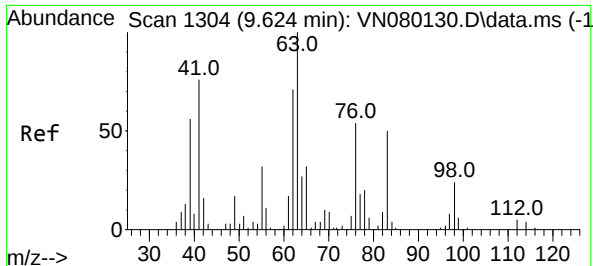
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#44
Trichloroethene
Concen: 17.294 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Tgt Ion:130 Resp: 57427
Ion Ratio Lower Upper
130 100
95 97.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.592 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion: 63 Resp: 54698

Ion Ratio Lower Upper

63 100

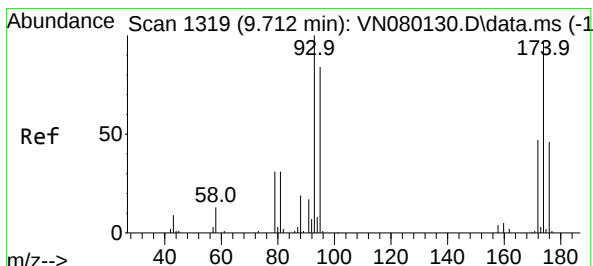
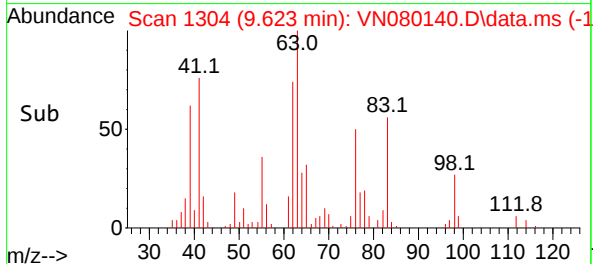
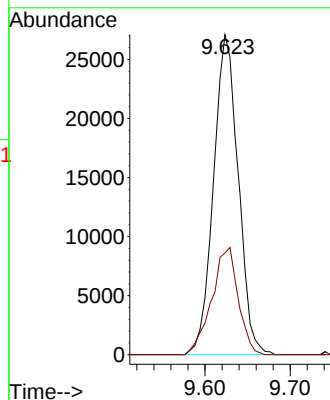
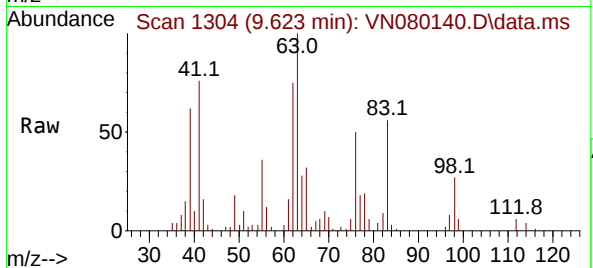
65 31.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#46

Dibromomethane

Concen: 18.620 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

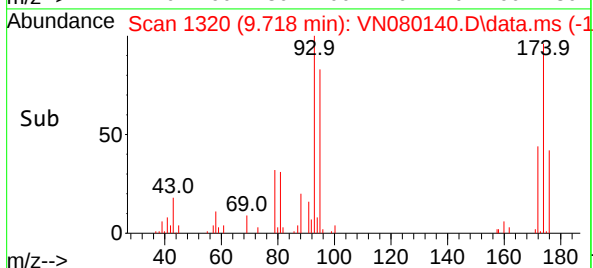
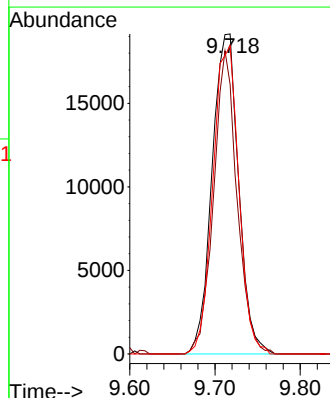
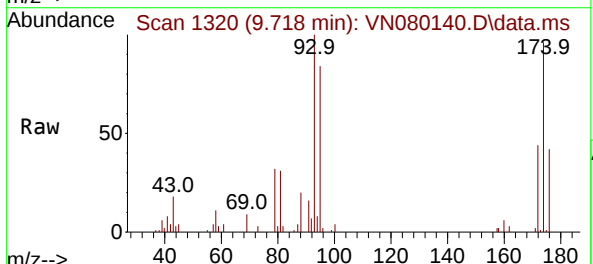
Tgt Ion: 93 Resp: 41465

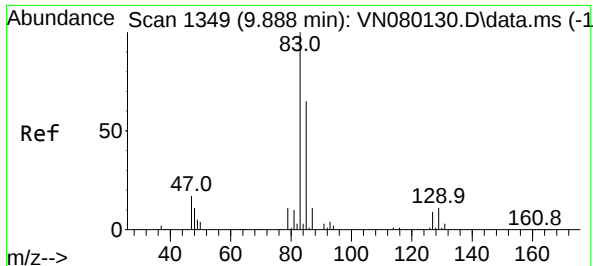
Ion Ratio Lower Upper

93 100

95 84.0 63.8 95.8

174 93.9 65.6 98.4





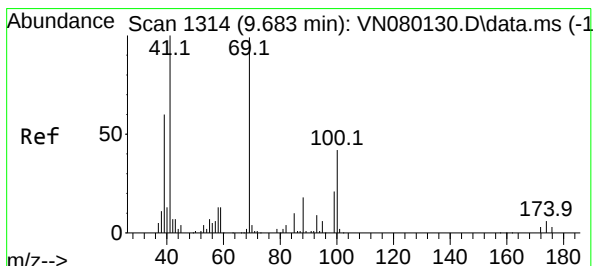
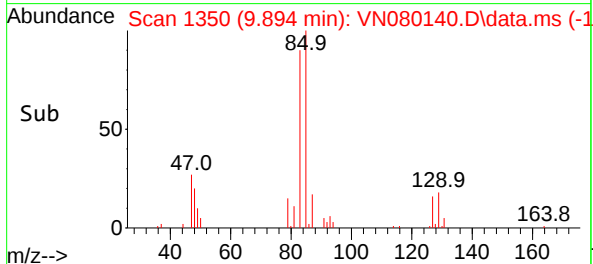
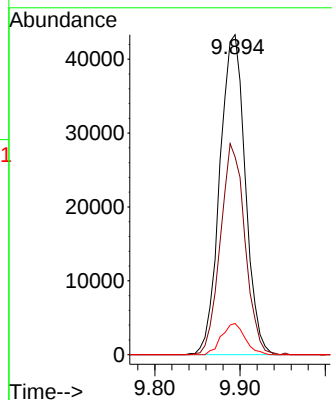
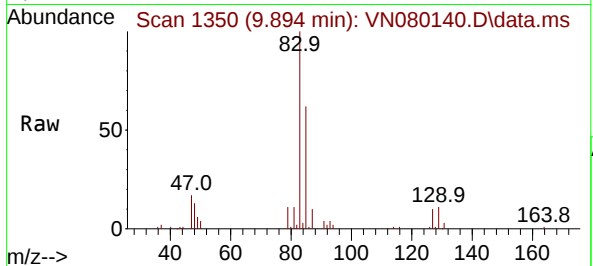
#47
Bromodichloromethane
Concen: 18.364 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 83 Resp: 89958
Ion Ratio Lower Upper
83 100
85 61.8 49.6 74.4
127 9.8 7.0 10.6

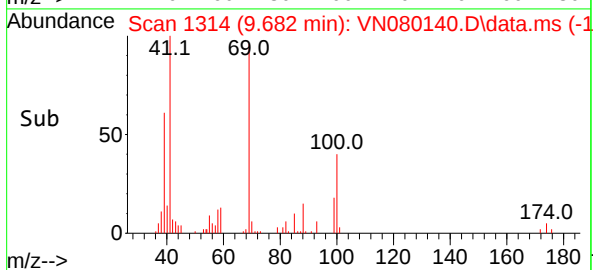
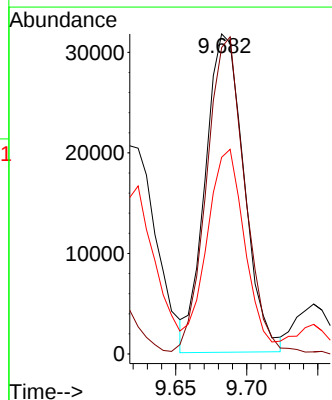
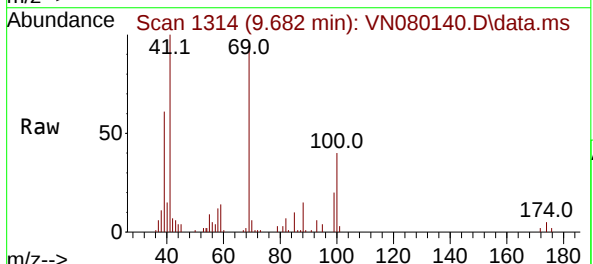
Manual Integrations
APPROVED

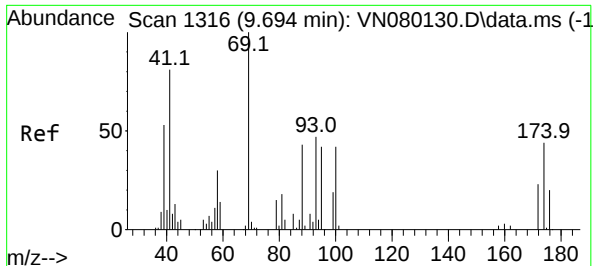
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#48
Methyl methacrylate
Concen: 19.414 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Tgt Ion: 41 Resp: 60152
Ion Ratio Lower Upper
41 100
69 98.7 90.4 135.6
39 64.3 54.6 81.8





#49

1,4-Dioxane

Concen: 417.692 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion: 88 Resp: 21530

Ion Ratio Lower Upper

88 100

43 31.8 17.0 25.6

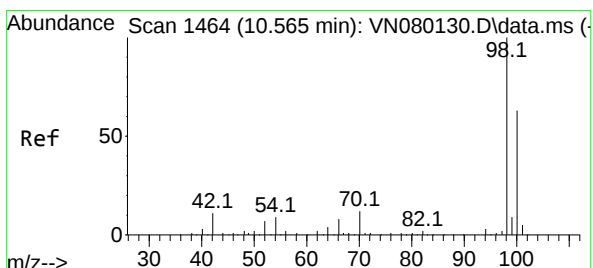
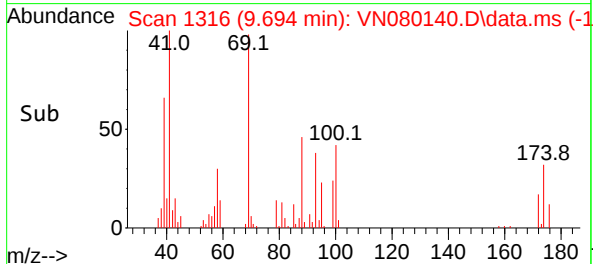
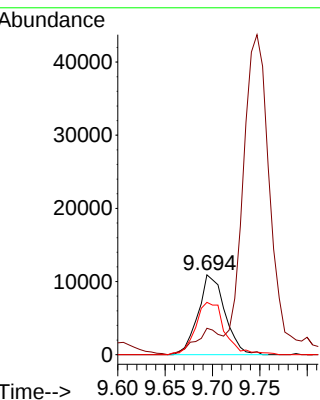
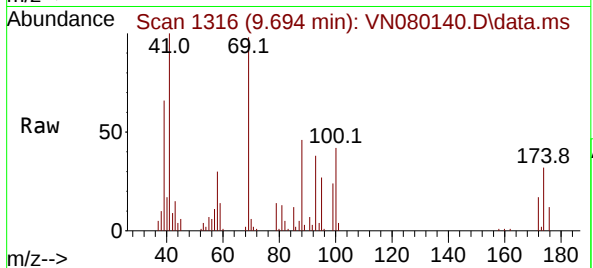
58 71.4 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#50

Toluene-d8

Concen: 42.449 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080140.D

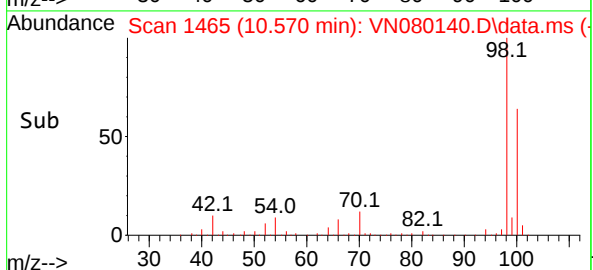
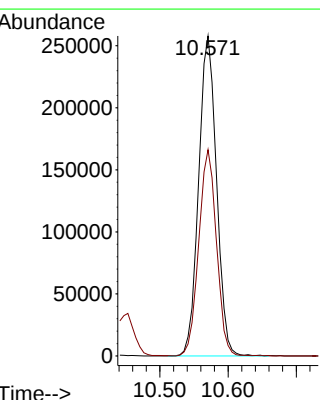
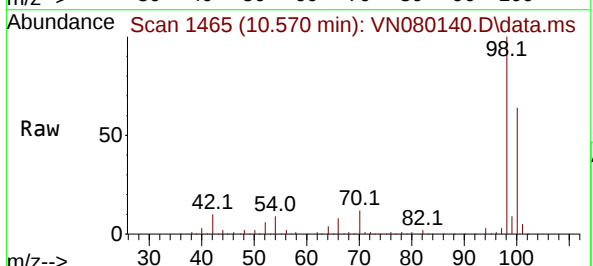
Acq: 16 Nov 2023 17:58

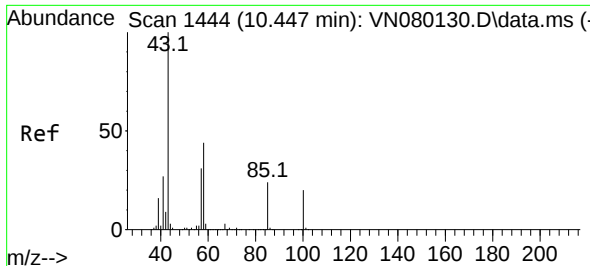
Tgt Ion: 98 Resp: 470776

Ion Ratio Lower Upper

98 100

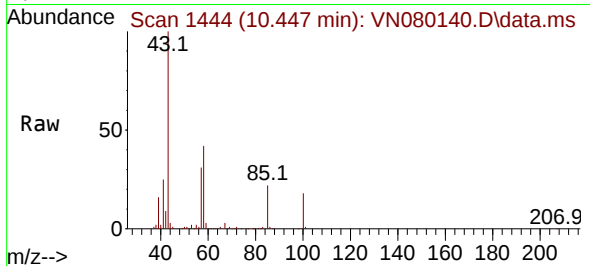
100 64.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 102.550 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

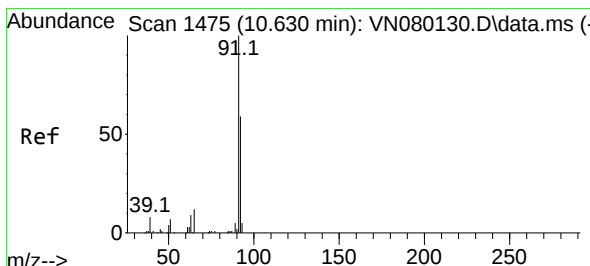
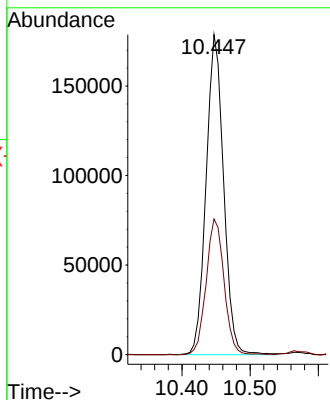
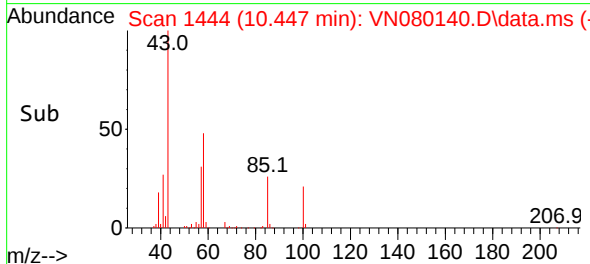
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion: 43 Resp: 319210
Ion Ratio Lower Upper
43 100
58 43.4 36.6 54.8

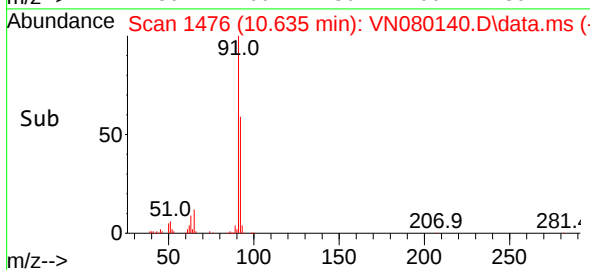
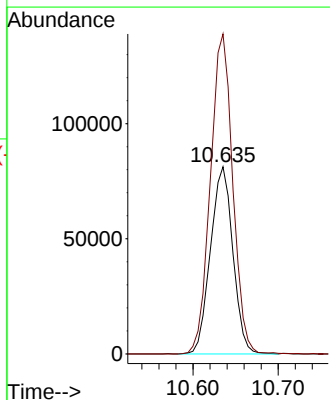
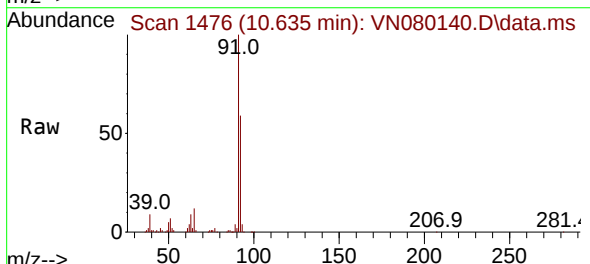
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#52
Toluene
Concen: 18.745 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Tgt Ion: 92 Resp: 148510
Ion Ratio Lower Upper
92 100
91 170.5 137.4 206.0





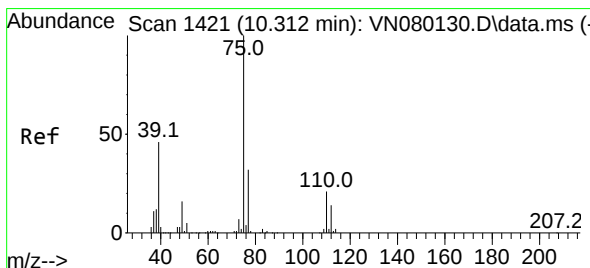
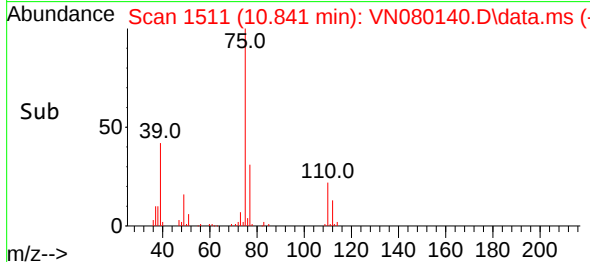
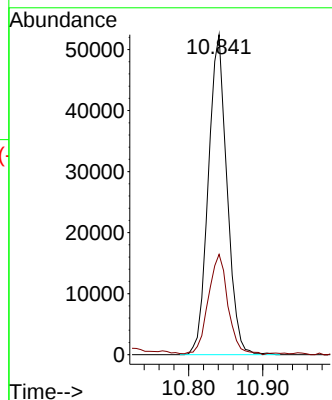
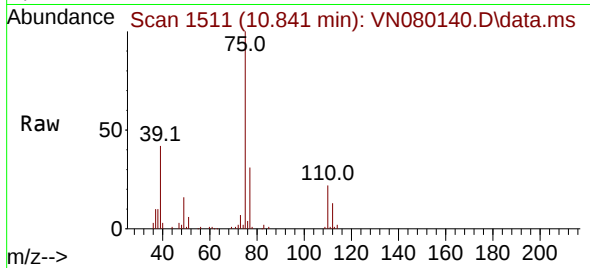
#53
t-1,3-Dichloropropene
Concen: 18.237 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 75 Resp: 91788
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0

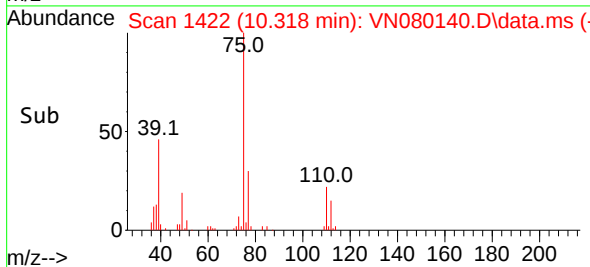
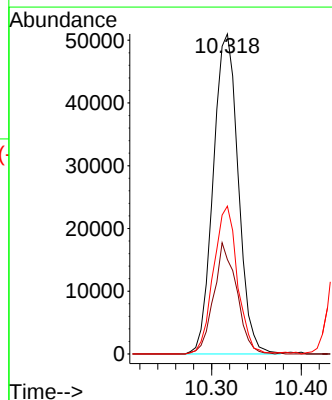
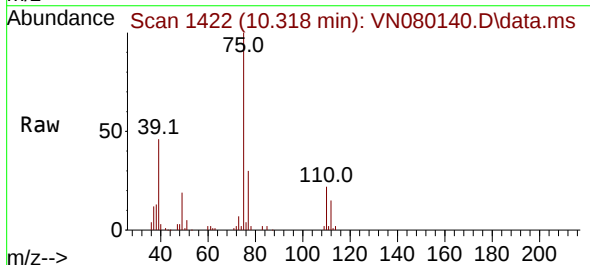
Manual Integrations
APPROVED

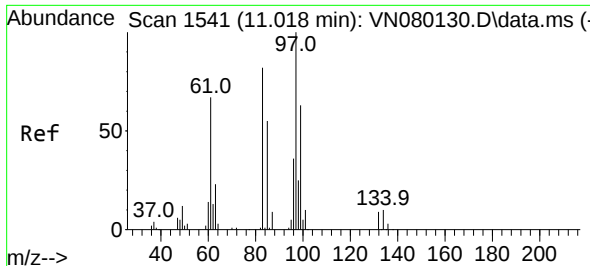
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#54
cis-1,3-Dichloropropene
Concen: 19.181 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

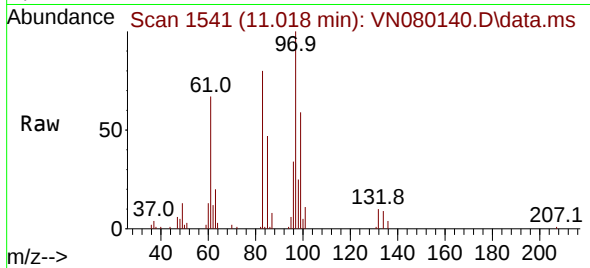
Tgt Ion: 75 Resp: 98631
Ion Ratio Lower Upper
75 100
77 29.5 26.1 39.1
39 46.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.123 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

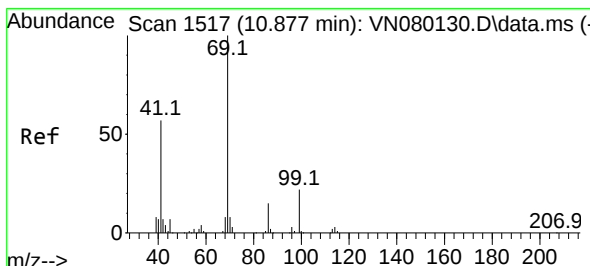
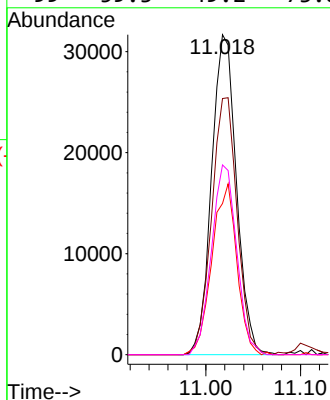
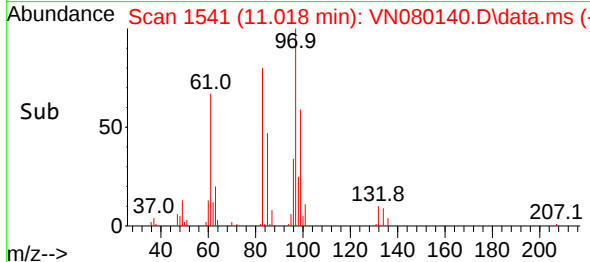
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



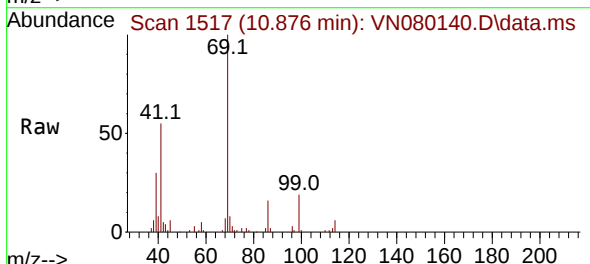
Tgt Ion:	97	Resp:	5782
Ion Ratio	100	Lower	Upper
97	100		
83	80.1	65.1	97.7
85	47.3	43.4	65.2
99	59.3	49.2	73.8

Manual Integrations
APPROVED

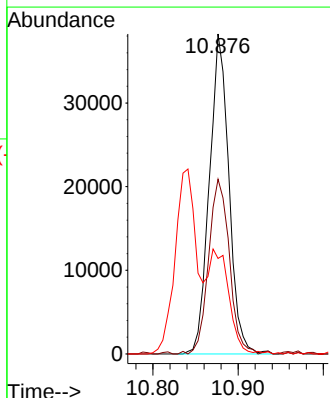
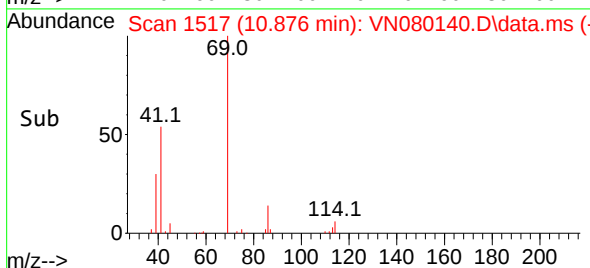
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

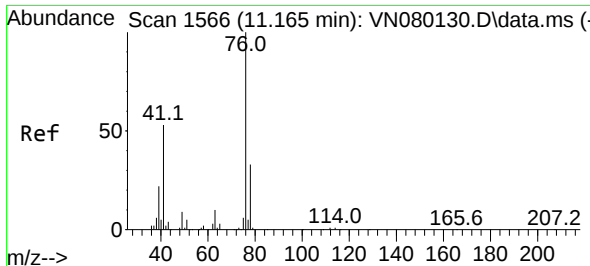


#56
Ethyl methacrylate
Concen: 19.724 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58



Tgt Ion:	69	Resp:	60929
Ion Ratio	100	Lower	Upper
69	100		
41	58.0	39.6	59.4
39	35.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.200 ug/l

RT: 11.165 min Scan# 1116

Delta R.T. -0.000 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion: 76 Resp: 10136

Ion Ratio Lower Upper

76 100

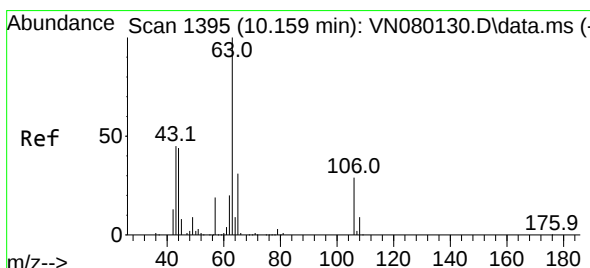
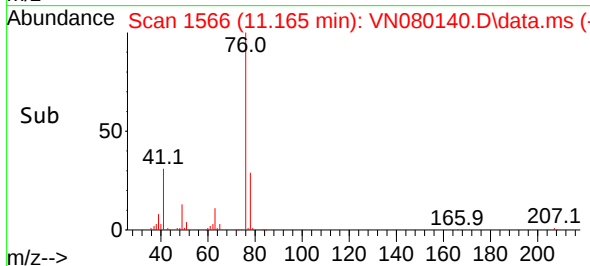
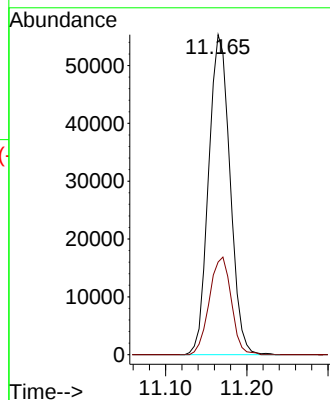
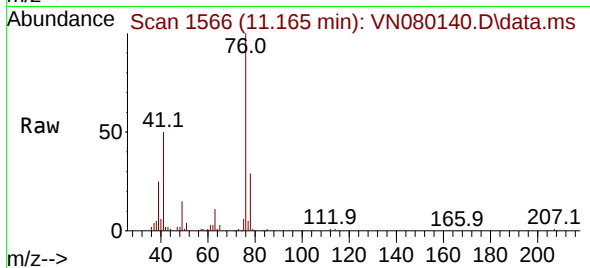
78 31.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 112.299 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080140.D

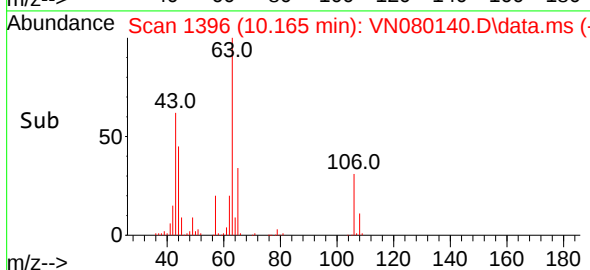
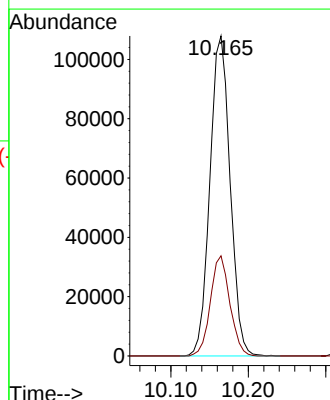
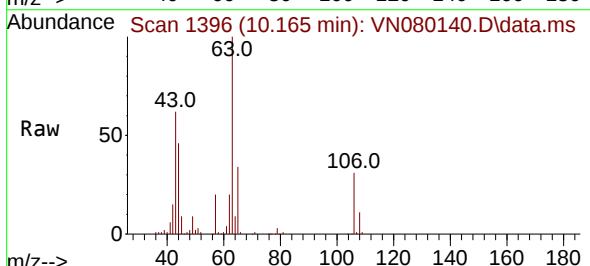
Acq: 16 Nov 2023 17:58

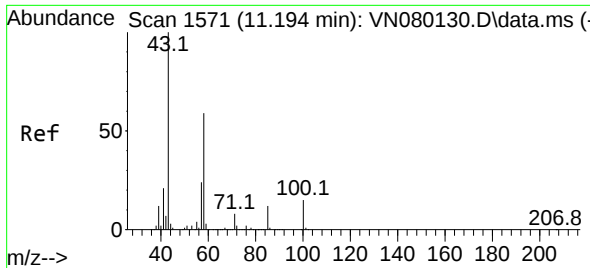
Tgt Ion: 63 Resp: 195433

Ion Ratio Lower Upper

63 100

106 30.1 26.2 39.4





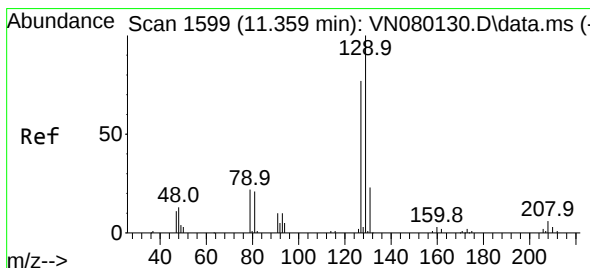
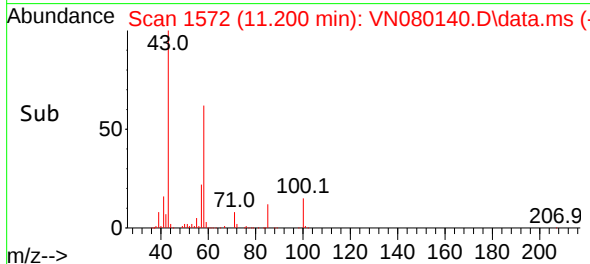
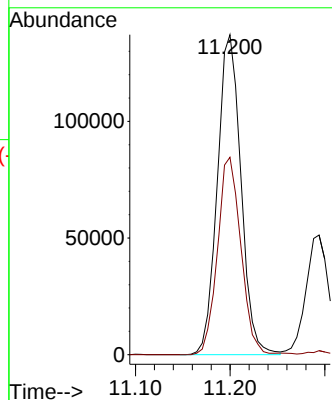
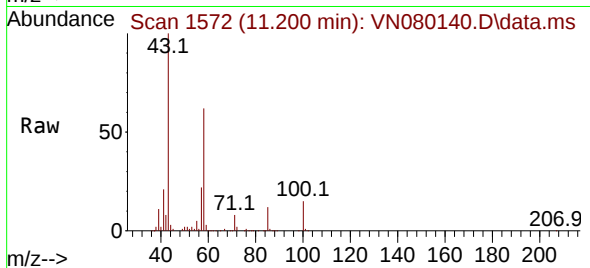
#59
2-Hexanone
Concen: 94.942 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 43 Resp: 23747
Ion Ratio Lower Upper
43 100
58 61.4 31.7 95.1

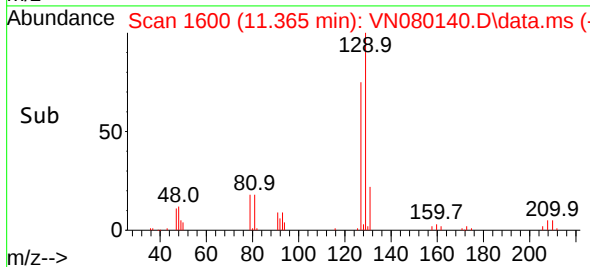
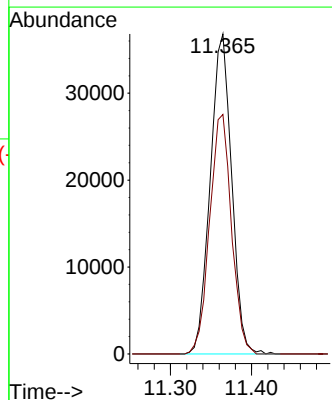
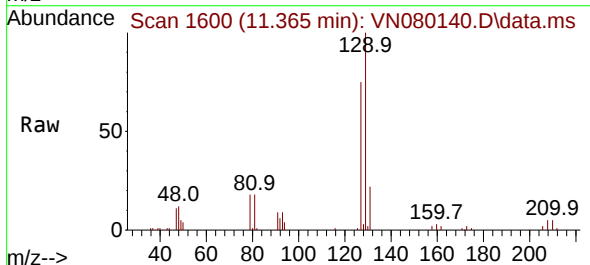
Manual Integrations
APPROVED

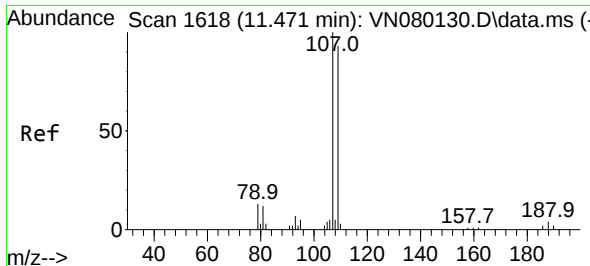
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#60
Dibromochloromethane
Concen: 18.616 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Tgt Ion:129 Resp: 67394
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0





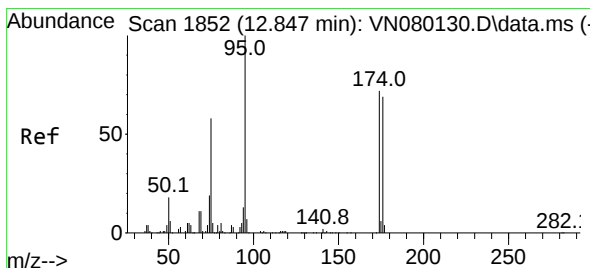
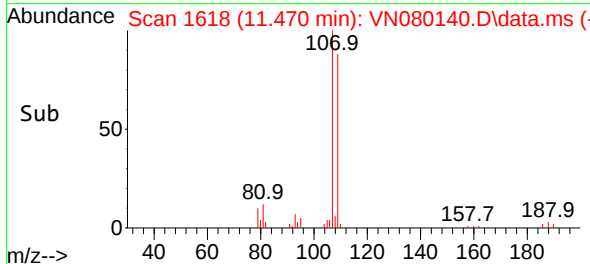
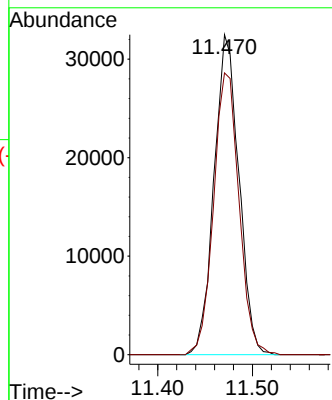
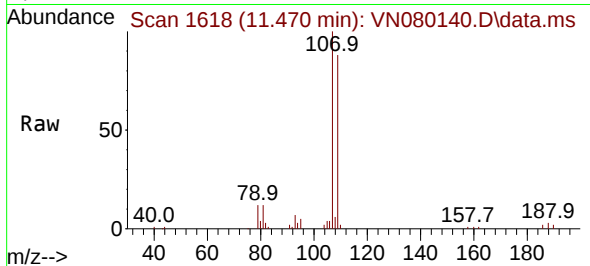
#61
1,2-Dibromoethane
Concen: 19.136 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion:107 Resp: 5903
Ion Ratio Lower Upper
107 100
109 90.4 76.6 114.8

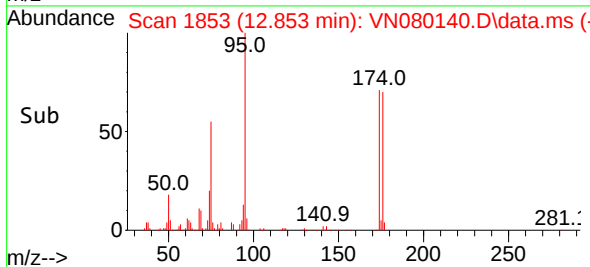
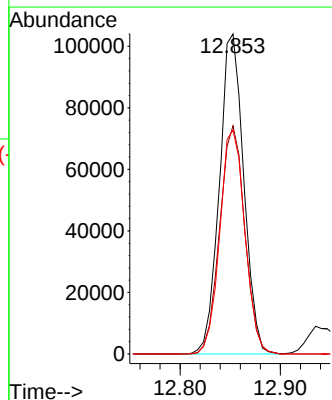
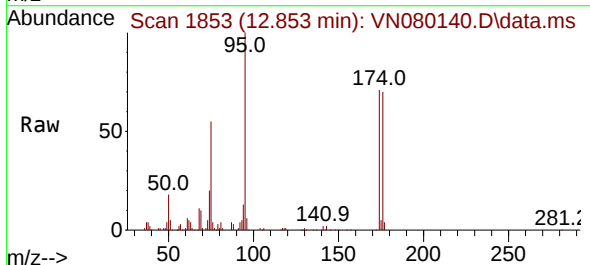
Manual Integrations
APPROVED

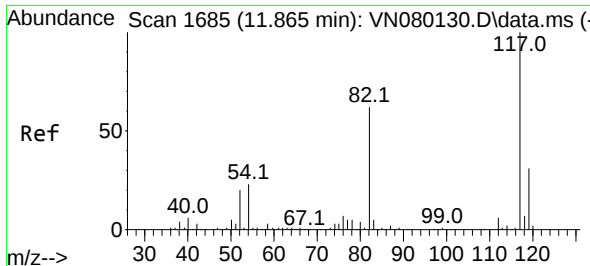
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#62
4-Bromofluorobenzene
Concen: 41.853 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

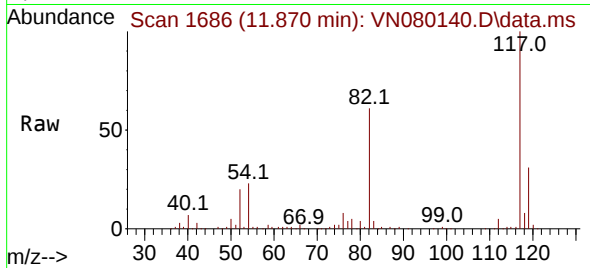
Tgt Ion: 95 Resp: 175324
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 71.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

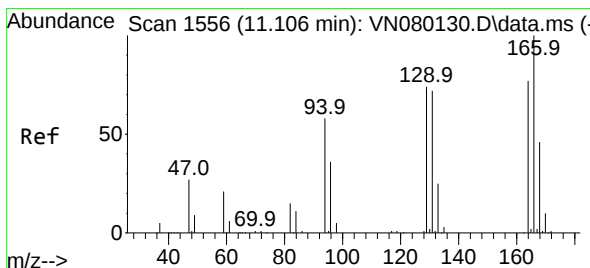
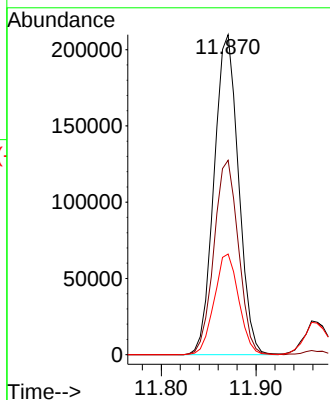
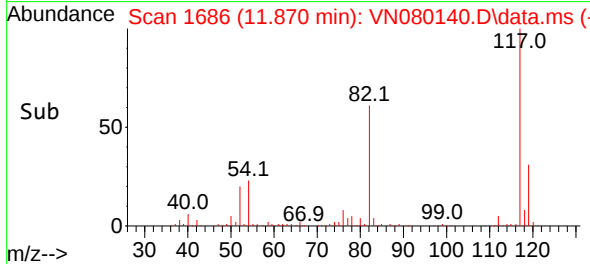
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



Tgt Ion:117 Resp: 37639
Ion Ratio Lower Upper
117 100
82 60.8 44.0 66.0
119 31.5 25.6 38.4

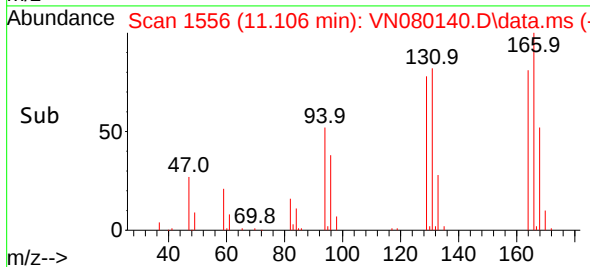
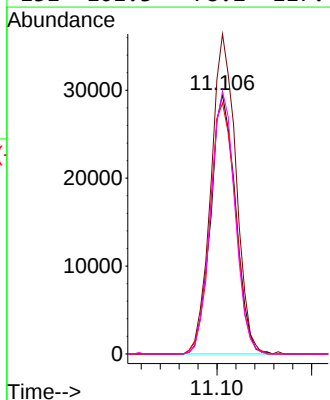
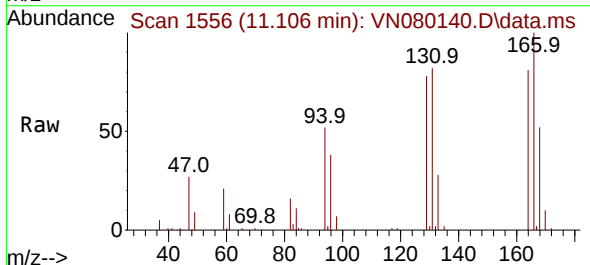
Manual Integrations
APPROVED

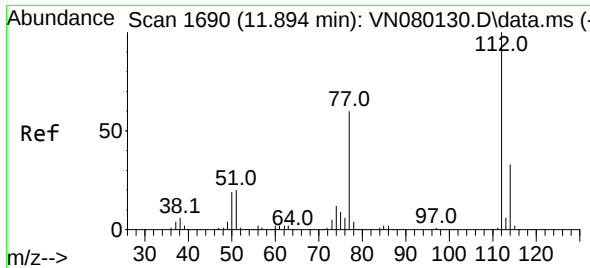
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#64
Tetrachloroethene
Concen: 18.744 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Tgt Ion:164 Resp: 53842
Ion Ratio Lower Upper
164 100
166 123.5 101.4 152.0
129 96.9 82.4 123.6
131 101.3 78.2 117.4





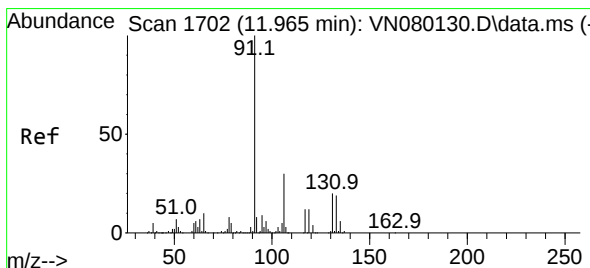
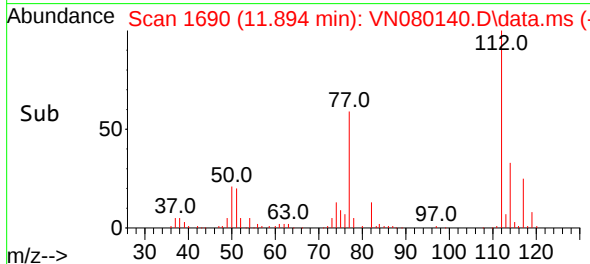
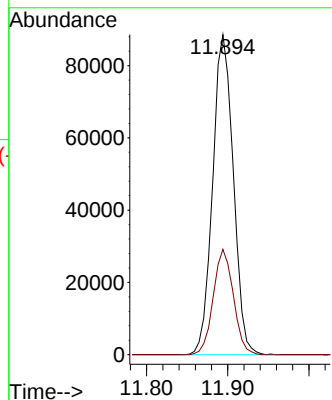
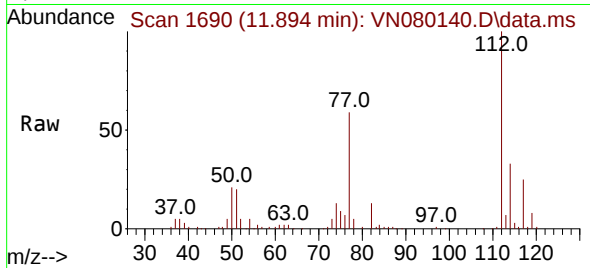
#65
Chlorobenzene
Concen: 18.335 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion:112 Resp: 156379
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4

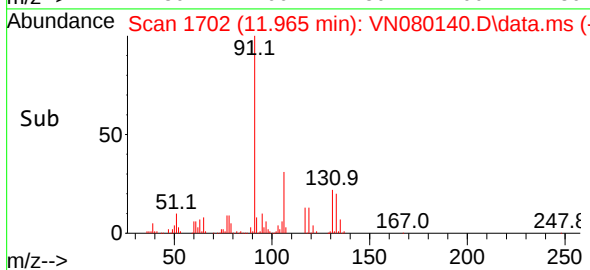
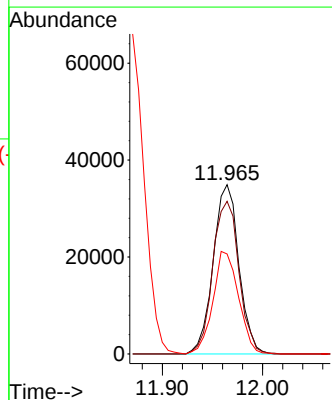
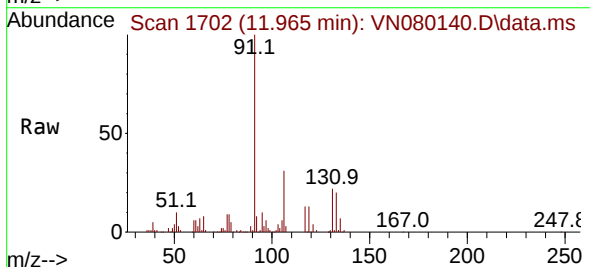
Manual Integrations
APPROVED

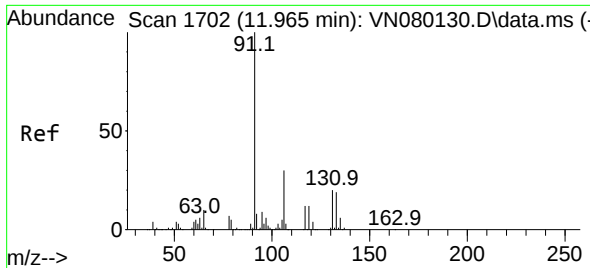
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.754 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

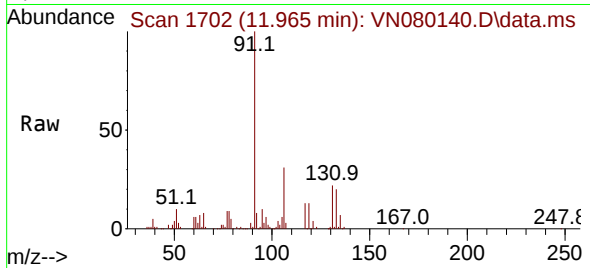
Tgt Ion:131 Resp: 62072
Ion Ratio Lower Upper
131 100
133 92.3 46.4 139.1
119 60.4 34.1 102.2





#67
Ethyl Benzene
Concen: 18.265 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

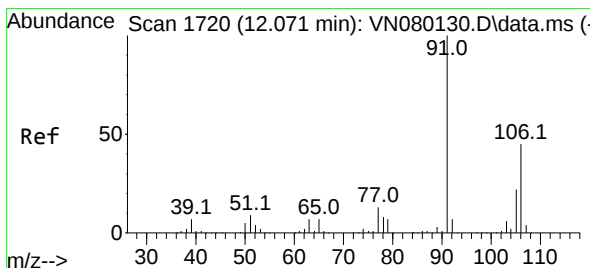
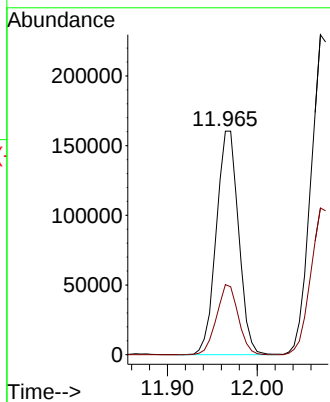
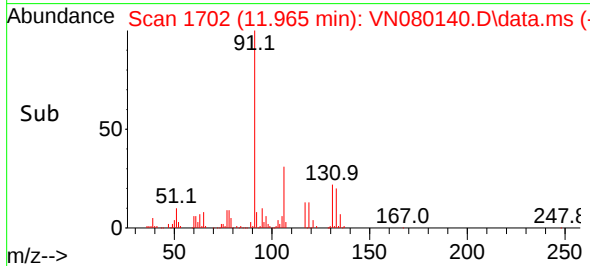
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



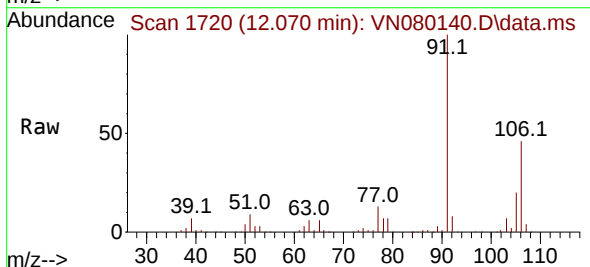
Tgt Ion: 91 Resp: 277198
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

Manual Integrations
APPROVED

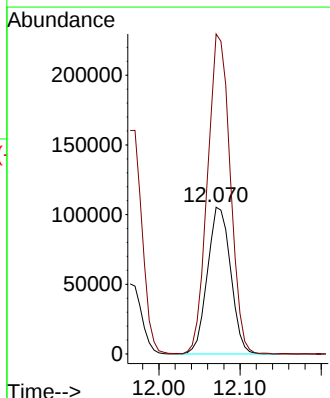
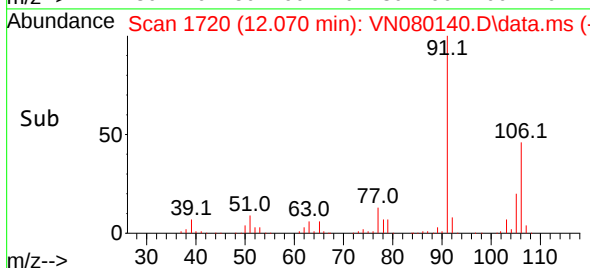
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#68
m/p-Xylenes
Concen: 37.778 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58



Tgt Ion:106 Resp: 209047
Ion Ratio Lower Upper
106 100
91 213.8 159.6 239.4





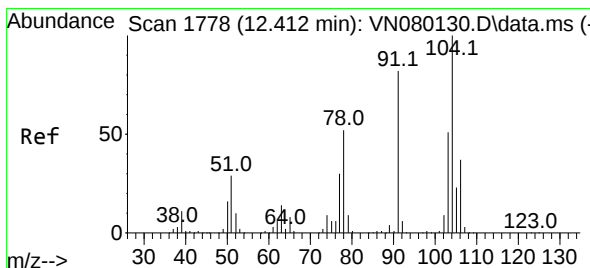
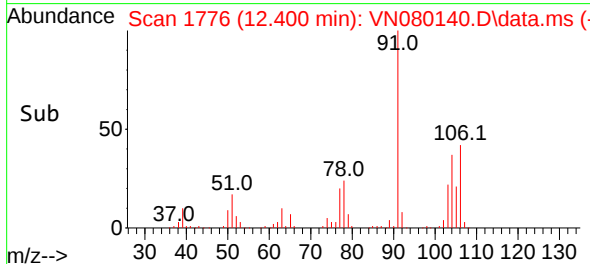
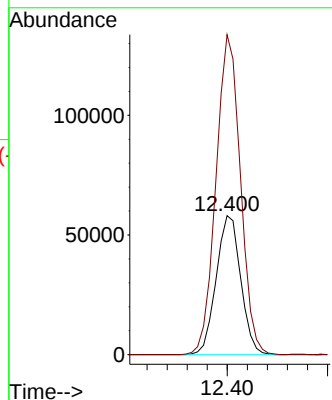
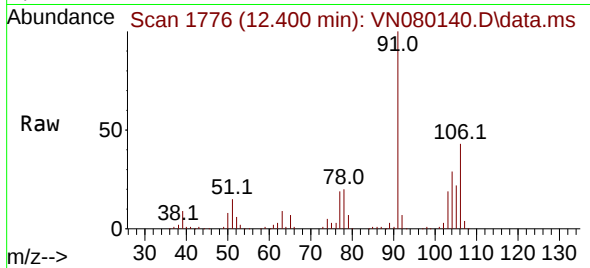
#69
o-Xylene
Concen: 18.895 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion:106 Resp: 98530
Ion Ratio Lower Upper
106 100
91 229.8 105.2 315.5

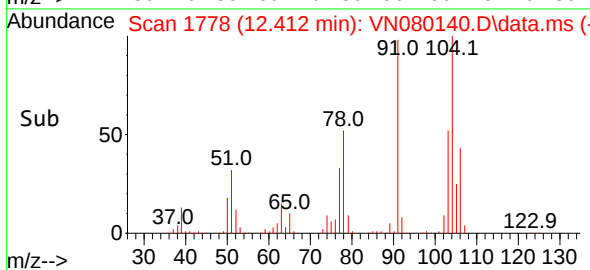
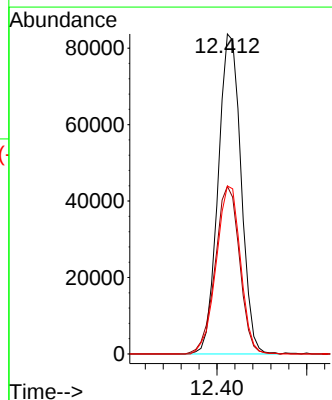
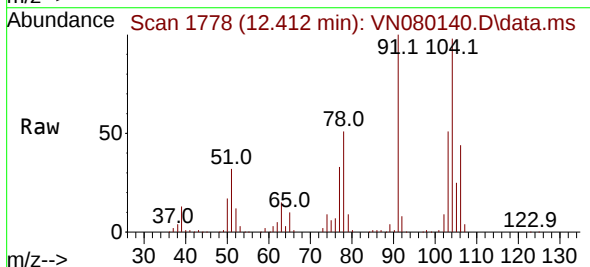
Manual Integrations
APPROVED

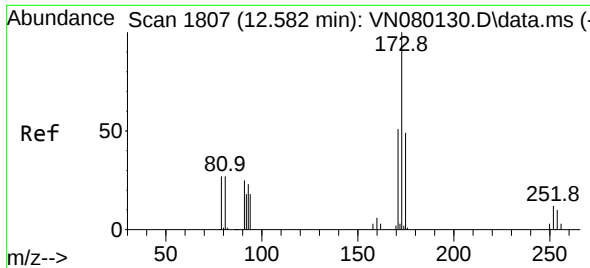
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#70
Styrene
Concen: 19.088 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

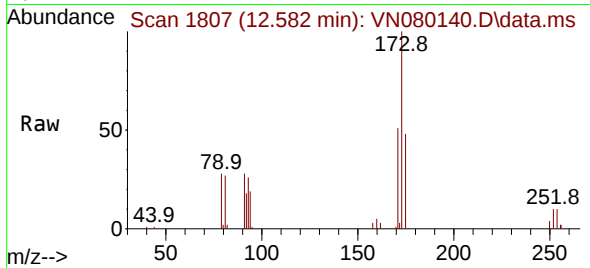
Tgt Ion:104 Resp: 148158
Ion Ratio Lower Upper
104 100
78 55.8 39.5 59.3
103 55.6 43.2 64.8





#71
Bromoform
Concen: 18.584 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

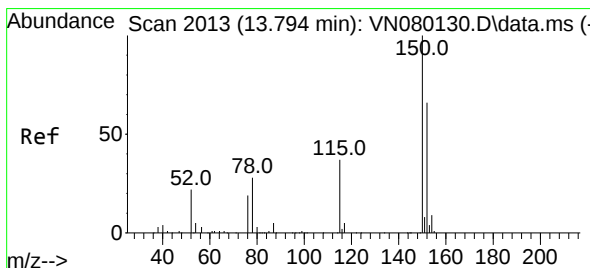
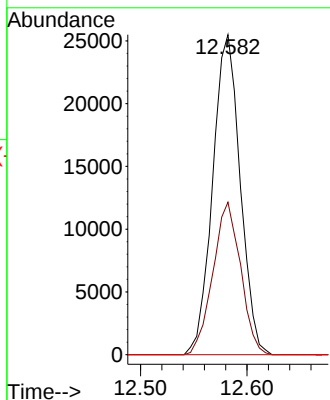
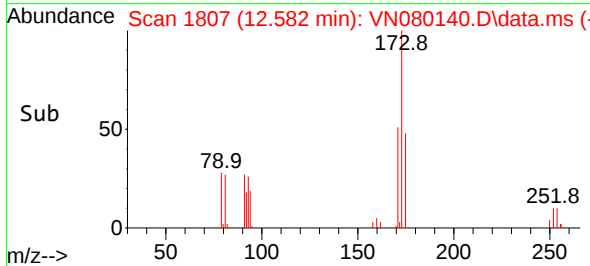
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



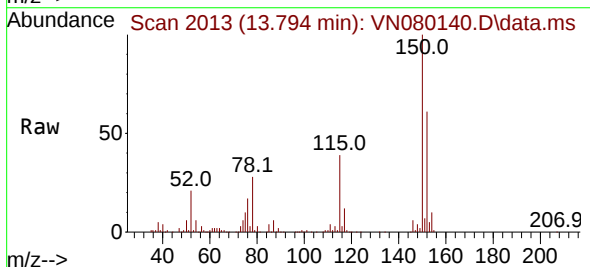
Tgt Ion:173 Resp: 4561
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

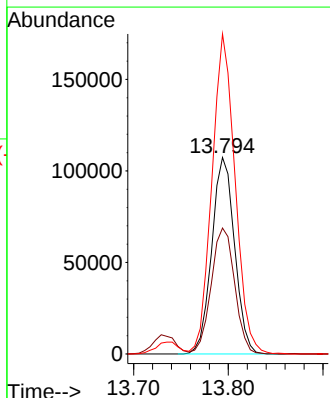
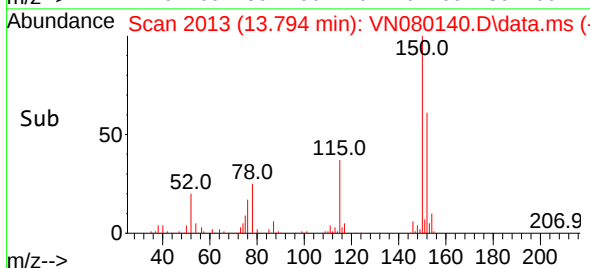
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

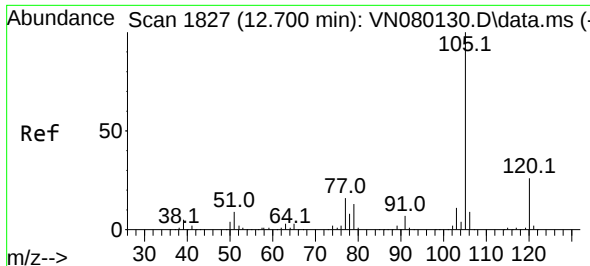


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58



Tgt Ion:152 Resp: 180152
Ion Ratio Lower Upper
152 100
115 65.9 32.3 96.8
150 164.7 0.0 355.8





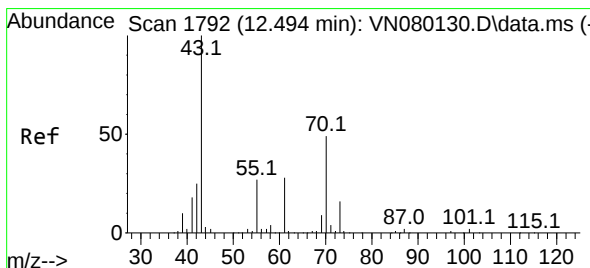
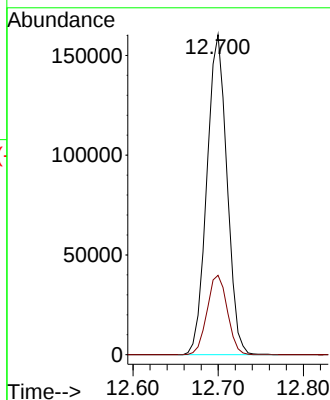
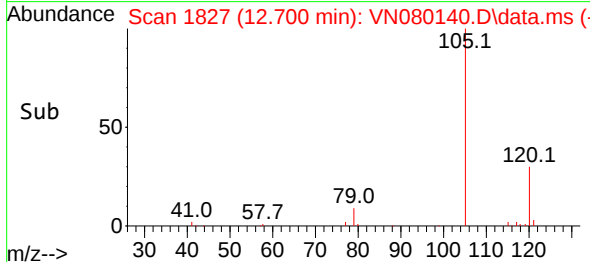
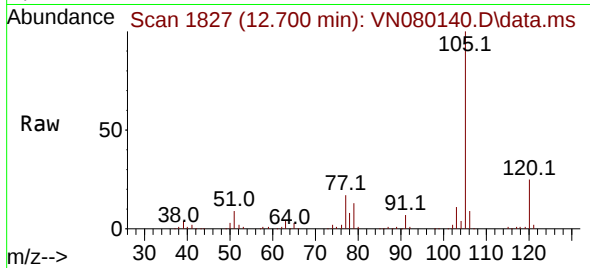
#73
Isopropylbenzene
Concen: 18.819 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion:105 Resp: 26344
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1

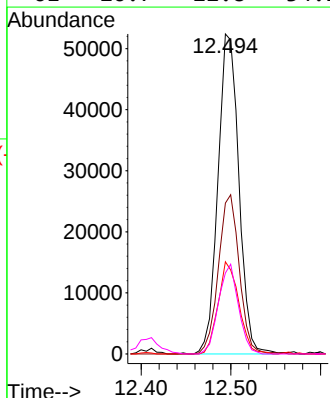
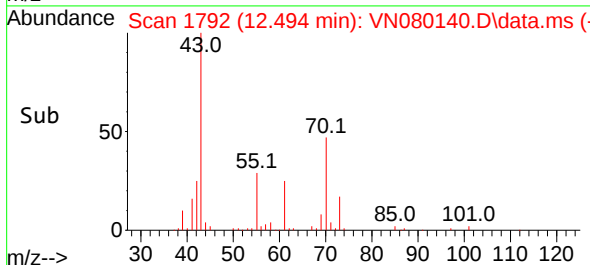
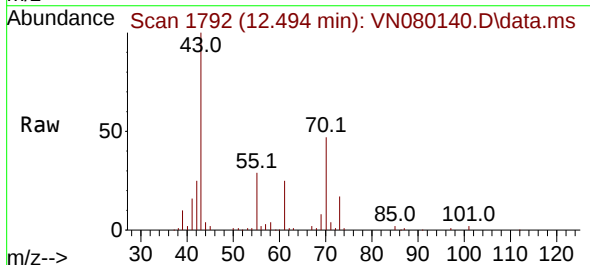
Manual Integrations
APPROVED

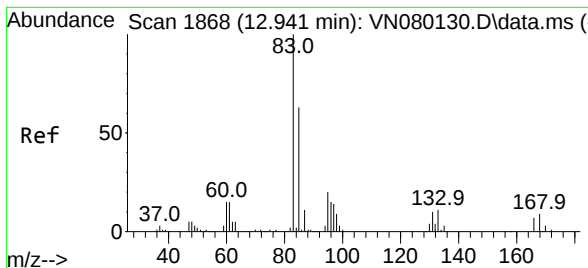
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#74
N-ethyl acetate
Concen: 19.451 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

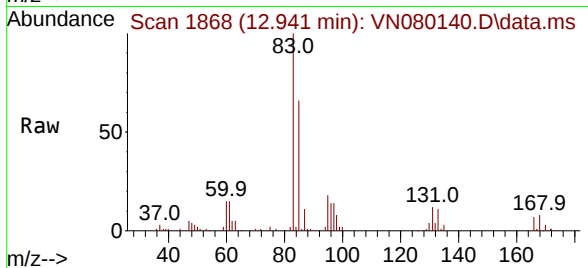
Tgt Ion: 43 Resp: 84914
Ion Ratio Lower Upper
43 100
70 49.7 43.4 65.2
55 28.6 21.4 32.0
61 26.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.274 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

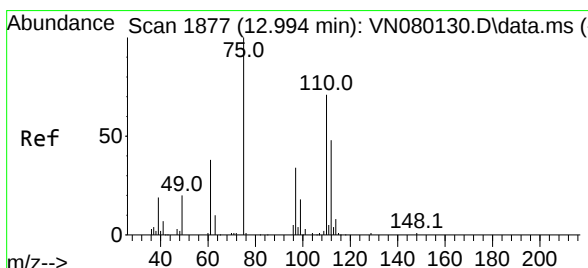
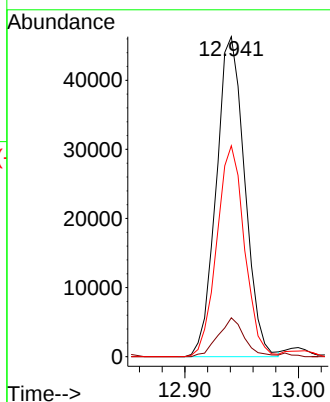
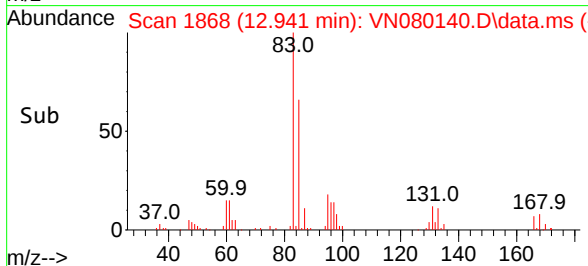
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



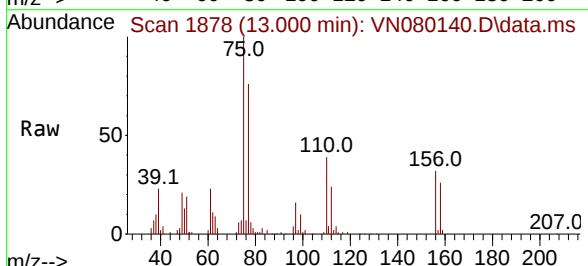
Tgt Ion: 83 Resp: 8075
Ion Ratio Lower Upper
83 100
131 11.2 5.0 15.0
85 64.0 31.9 95.7

Manual Integrations
APPROVED

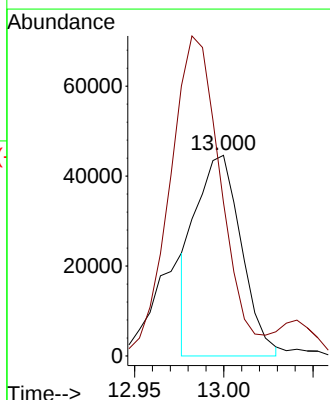
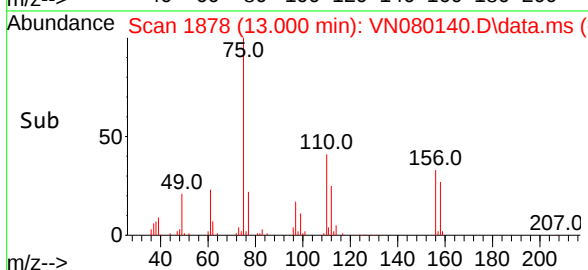
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

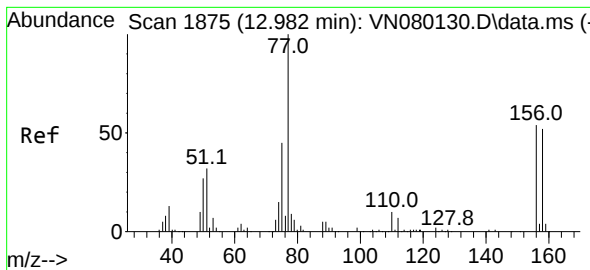


#76
1,2,3-Trichloropropane
Concen: 18.024 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58



Tgt Ion: 75 Resp: 79560
Ion Ratio Lower Upper
75 100
77 178.6 84.5 253.5





#77

Bromobenzene

Concen: 18.176 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

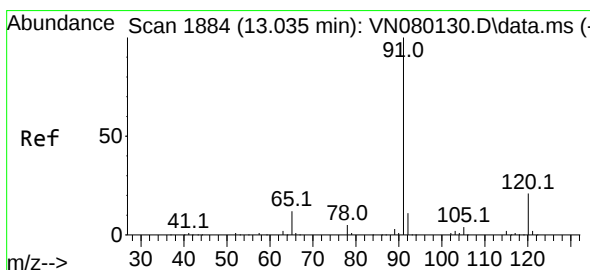
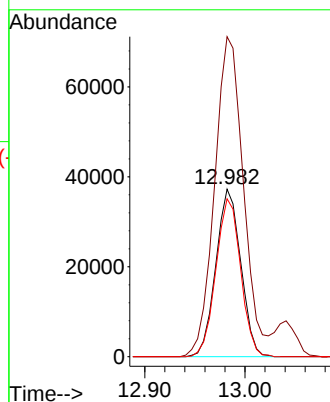
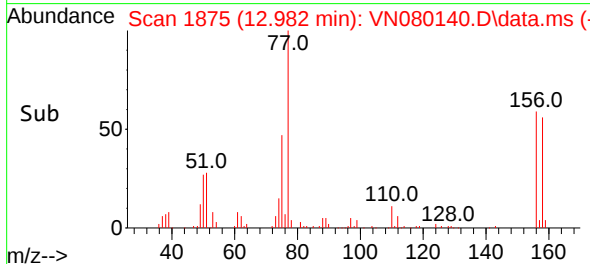
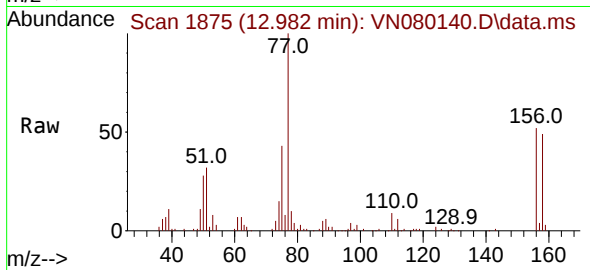
Tgt Ion:156 Resp: 64150
 Ion Ratio Lower Upper
 156 100
 77 221.5 107.7 323.3
 158 93.6 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#78

n-propylbenzene

Concen: 18.523 ug/l

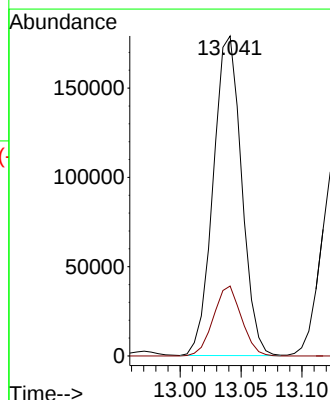
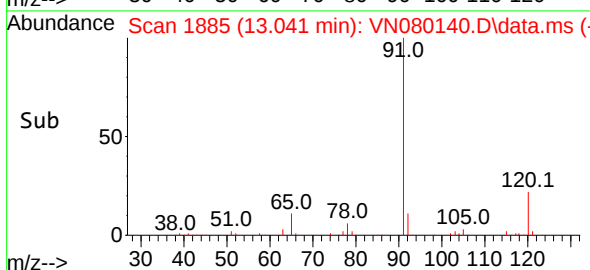
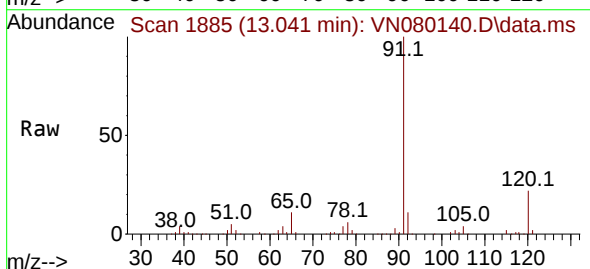
RT: 13.041 min Scan# 1885

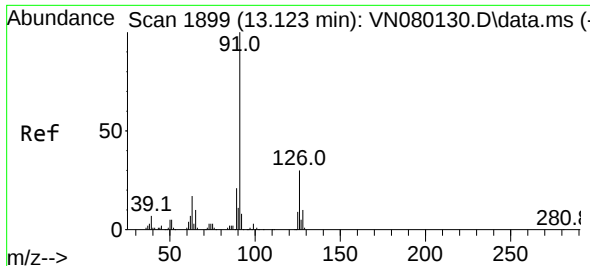
Delta R.T. 0.006 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Tgt Ion: 91 Resp: 289967
 Ion Ratio Lower Upper
 91 100
 120 21.6 11.5 34.4





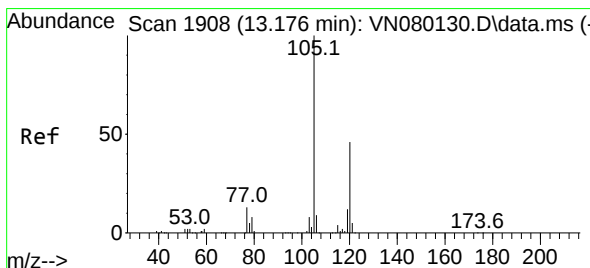
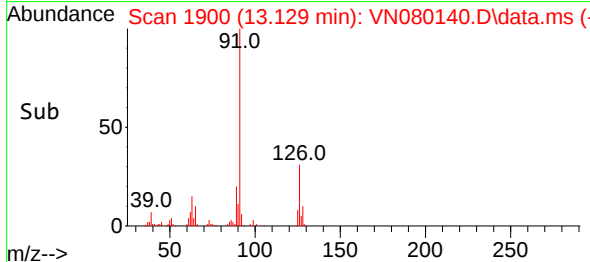
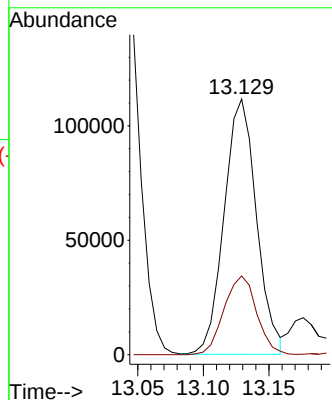
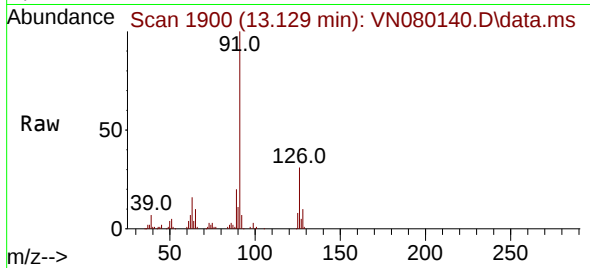
#79
2-Chlorotoluene
Concen: 18.851 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 91 Resp: 19166
Ion Ratio Lower Upper
91 100
126 31.0 16.3 48.8

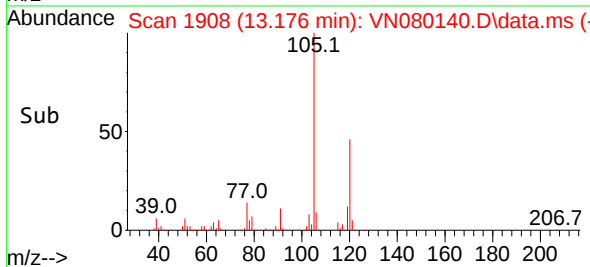
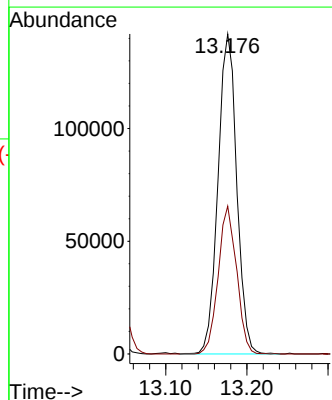
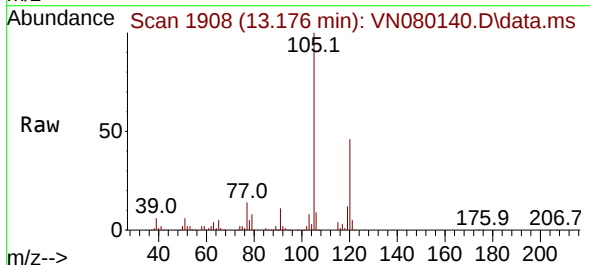
Manual Integrations
APPROVED

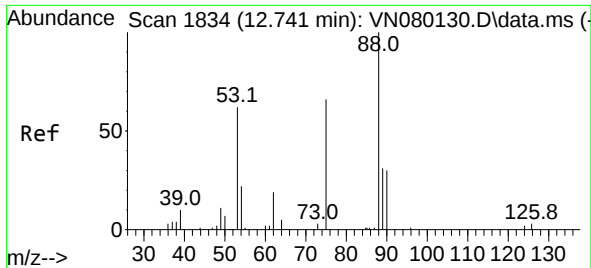
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.743 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Tgt Ion:105 Resp: 228402
Ion Ratio Lower Upper
105 100
120 45.3 24.1 72.3





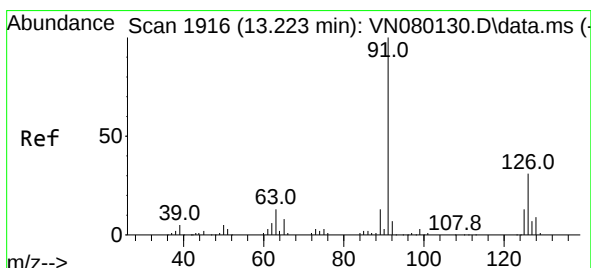
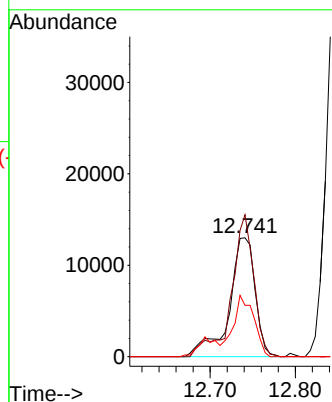
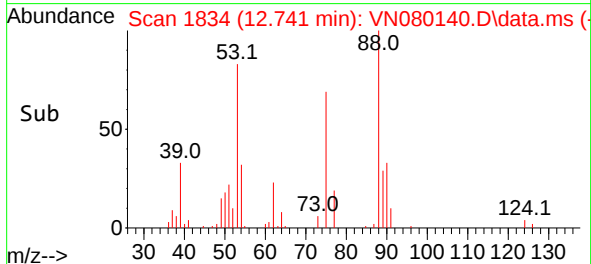
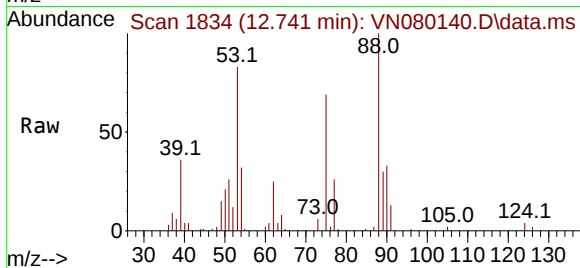
#81
trans-1,4-Dichloro-2-butene
Concen: 21.137 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion: 75 Resp: 2761
Ion Ratio Lower Upper
75 100
53 102.5 67.4 101.2
89 41.2 38.8 58.2

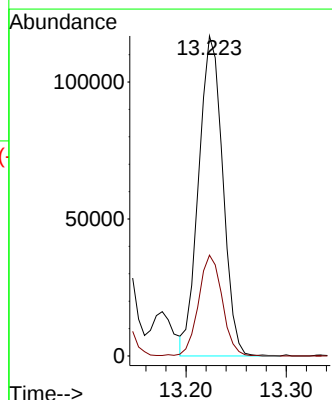
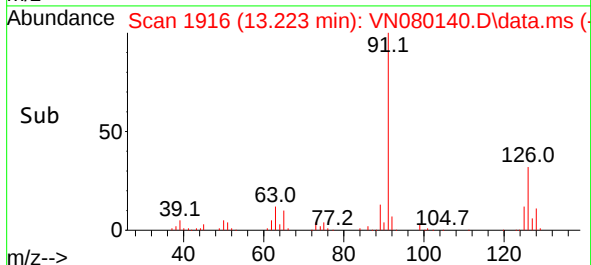
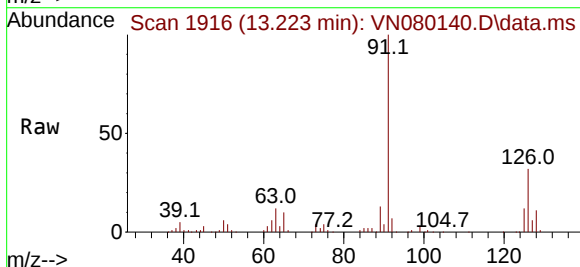
Manual Integrations
APPROVED

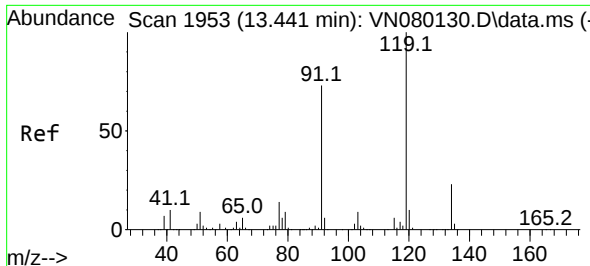
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#82
4-Chlorotoluene
Concen: 18.746 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

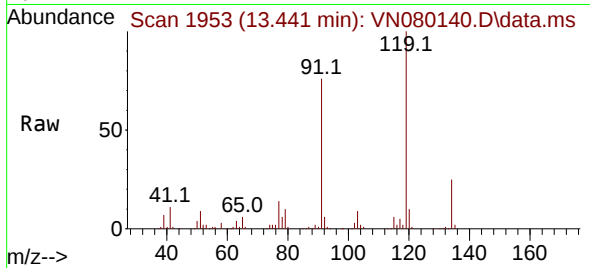
Tgt Ion: 91 Resp: 195259
Ion Ratio Lower Upper
91 100
126 31.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.834 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

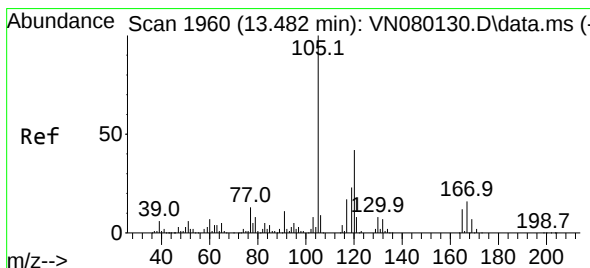
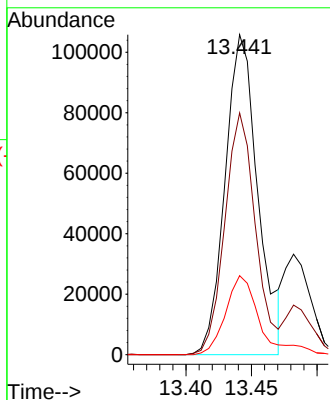
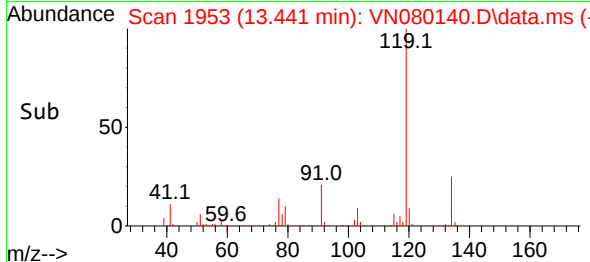
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



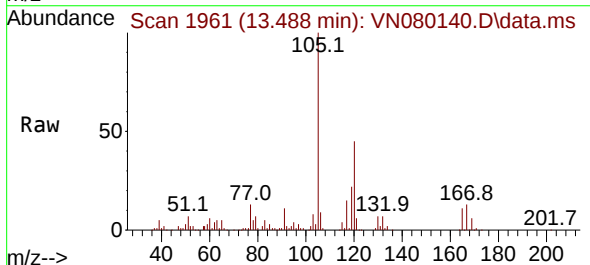
Tgt Ion:119 Resp: 18405
Ion Ratio Lower Upper
119 100
91 71.0 33.9 101.7
134 25.7 13.2 39.6

Manual Integrations
APPROVED

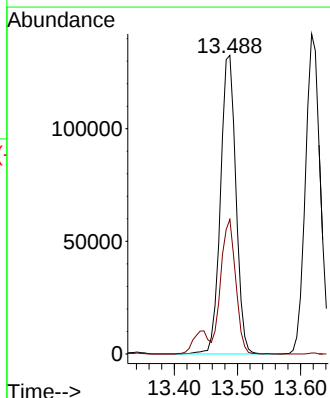
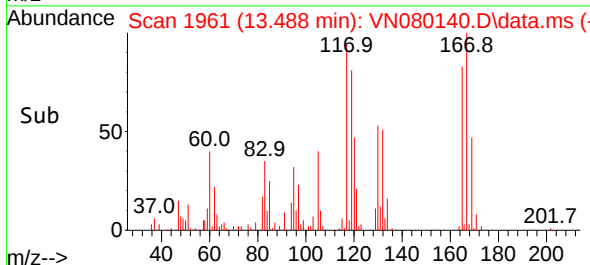
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

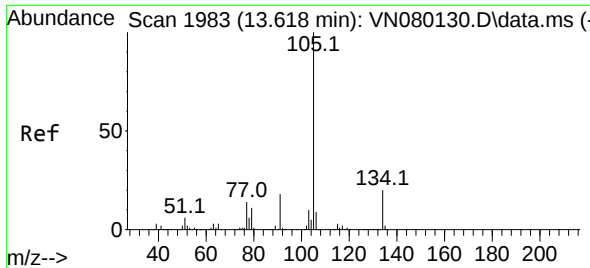


#84
1,2,4-Trimethylbenzene
Concen: 18.727 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58



Tgt Ion:105 Resp: 224708
Ion Ratio Lower Upper
105 100
120 43.2 22.0 66.0





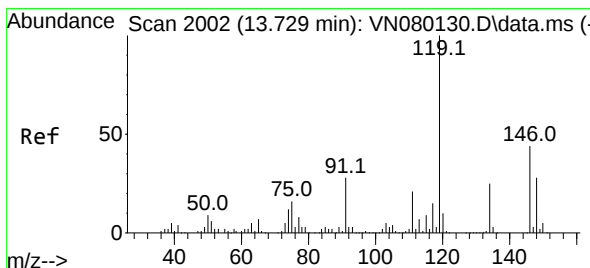
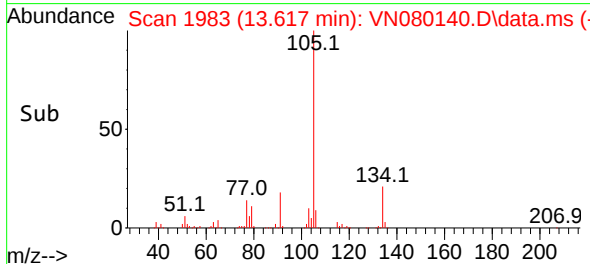
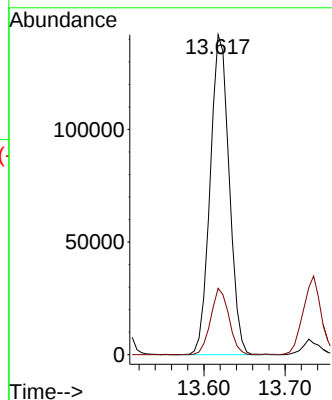
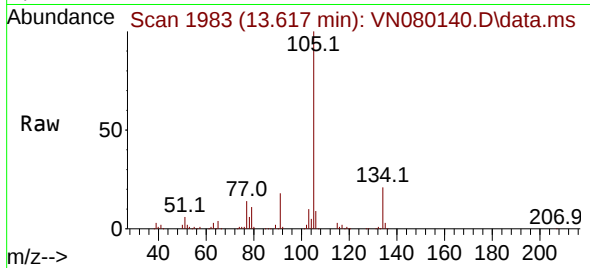
#85
 sec-Butylbenzene
 Concen: 18.681 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080140.D
 Acq: 16 Nov 2023 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Tgt Ion:105 Resp: 230939
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

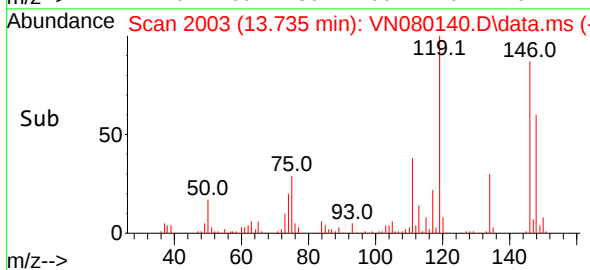
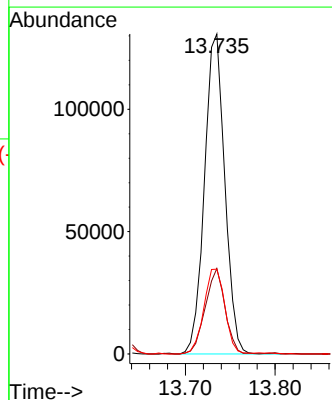
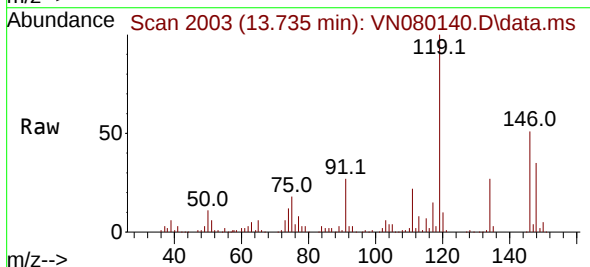
Manual Integrations
 APPROVED

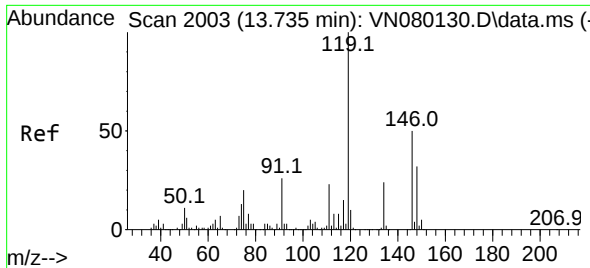
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#86
 p-Isopropyltoluene
 Concen: 18.600 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080140.D
 Acq: 16 Nov 2023 17:58

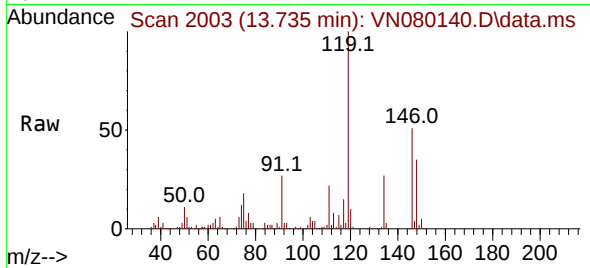
Tgt Ion:119 Resp: 205411
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 27.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.627 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

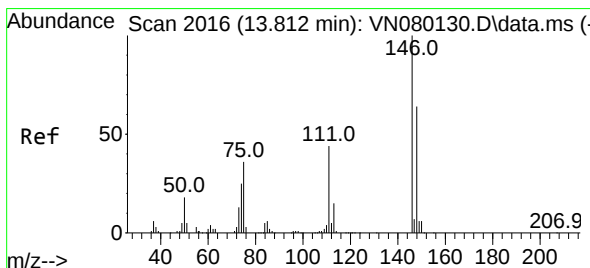
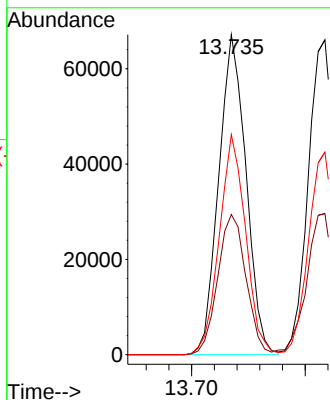
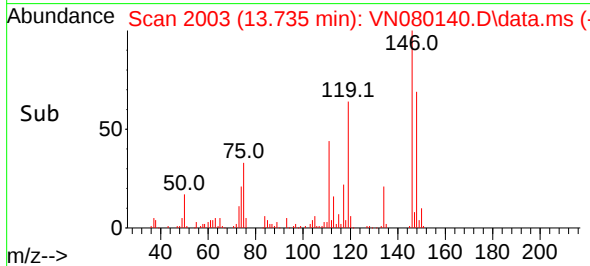
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01



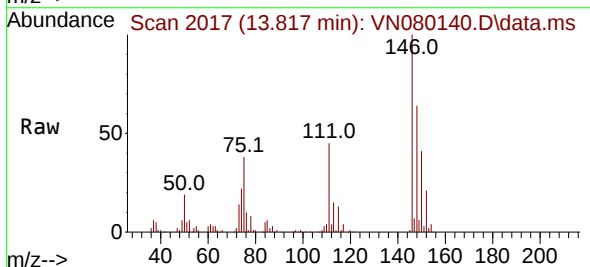
Tgt Ion:146 Resp: 112092
Ion Ratio Lower Upper
146 100
111 45.3 22.1 66.3
148 66.6 32.0 96.0

Manual Integrations
APPROVED

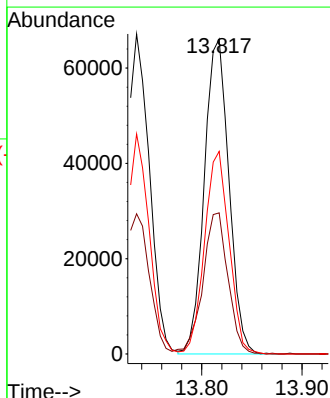
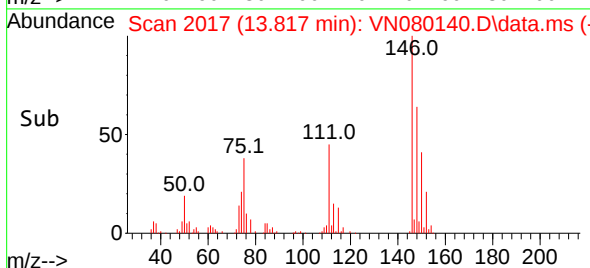
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

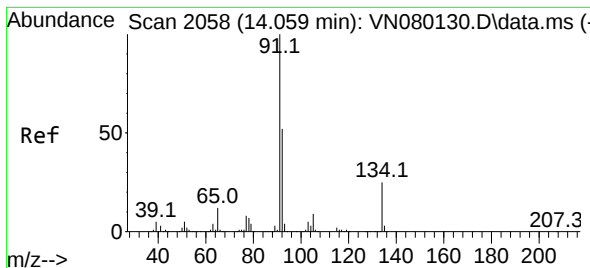


#88
1,4-Dichlorobenzene
Concen: 17.617 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58



Tgt Ion:146 Resp: 112583
Ion Ratio Lower Upper
146 100
111 46.0 20.6 61.8
148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 17.572 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

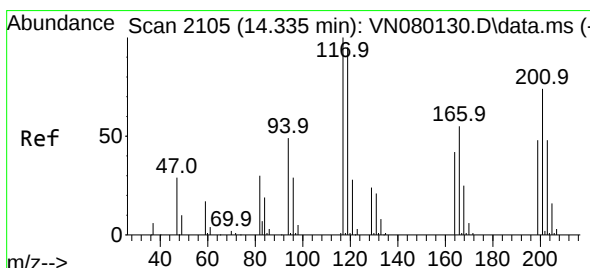
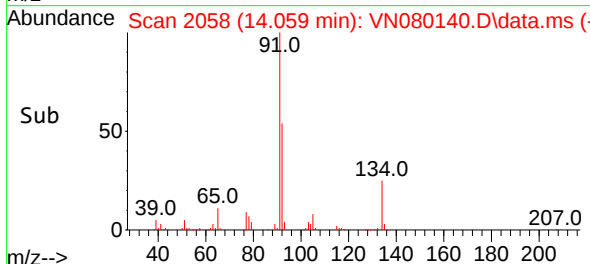
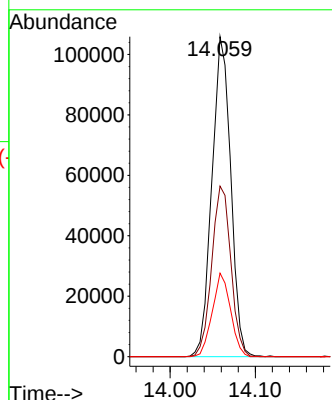
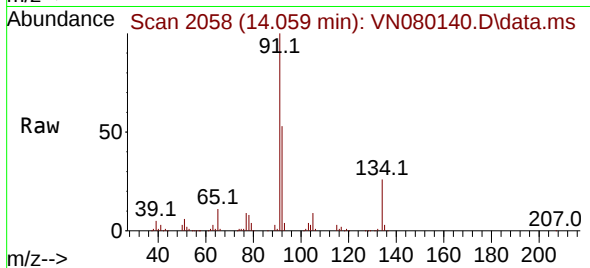
Tgt Ion:	91	Resp:	162419
Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.4	79.0
134	25.3	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#90

Hexachloroethane

Concen: 18.663 ug/l

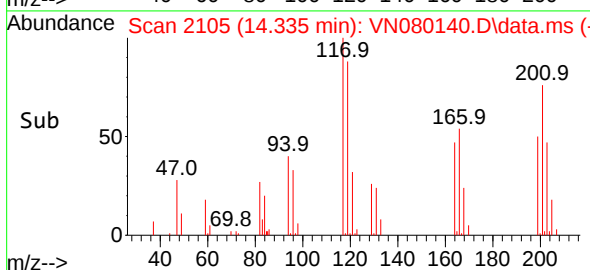
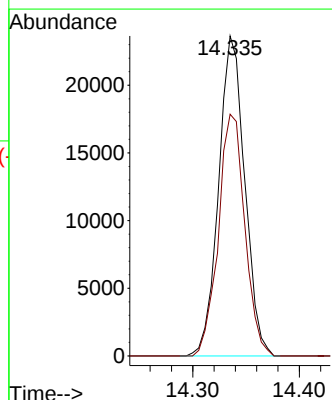
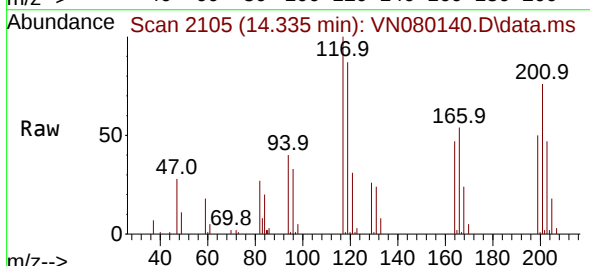
RT: 14.335 min Scan# 2105

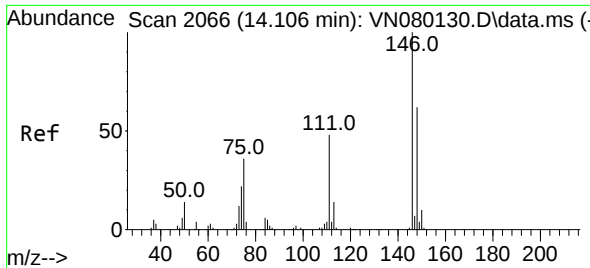
Delta R.T. -0.000 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Tgt Ion:	117	Resp:	40180
Ion	Ratio	Lower	Upper
117	100		
201	76.4	29.3	88.0





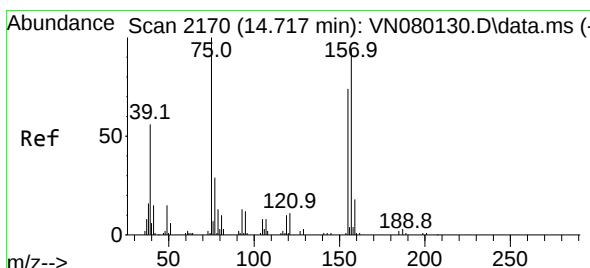
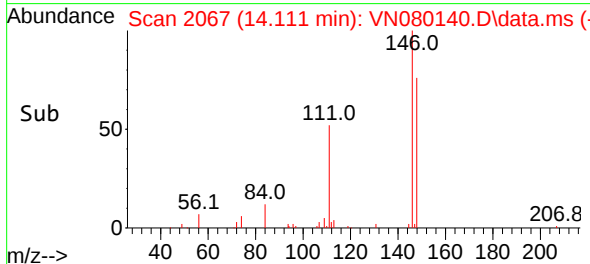
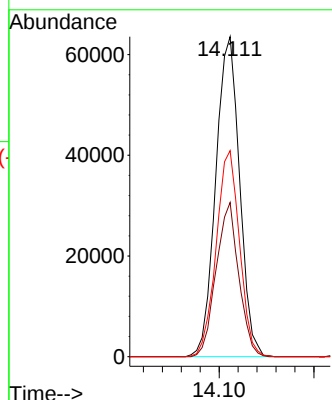
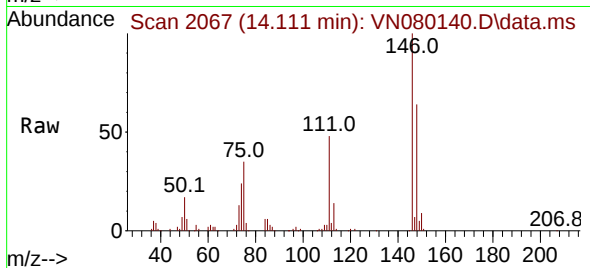
#91
1,2-Dichlorobenzene
Concen: 18.241 ug/l
RT: 14.111 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tgt Ion:146 Resp: 110998
Ion Ratio Lower Upper
146 100
111 45.8 22.0 66.0
148 63.1 31.8 95.3

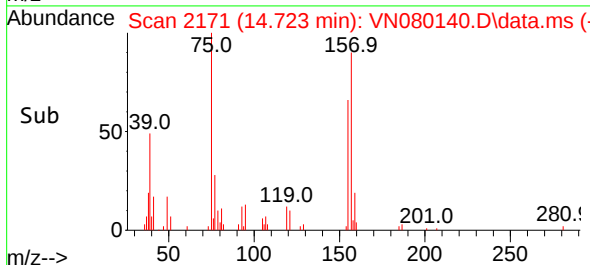
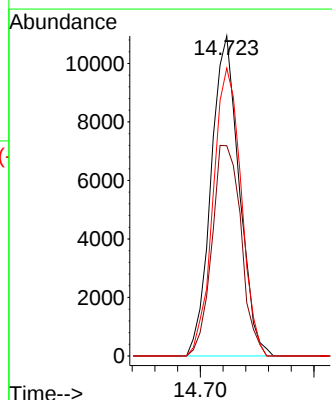
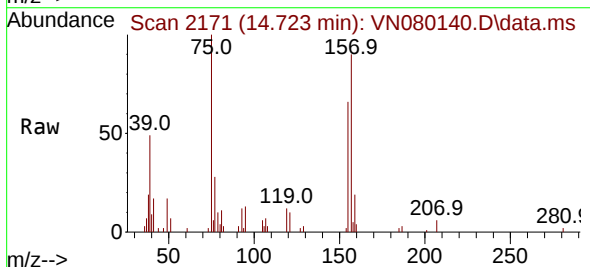
Manual Integrations
APPROVED

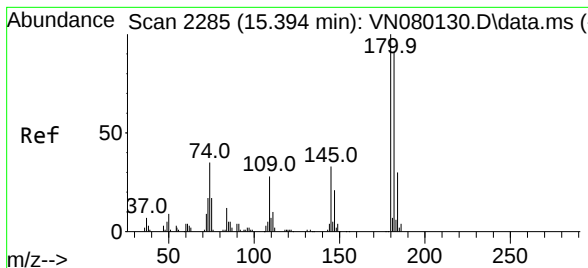
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.325 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080140.D
Acq: 16 Nov 2023 17:58

Tgt Ion: 75 Resp: 18807
Ion Ratio Lower Upper
75 100
155 68.1 39.1 117.2
157 89.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.382 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

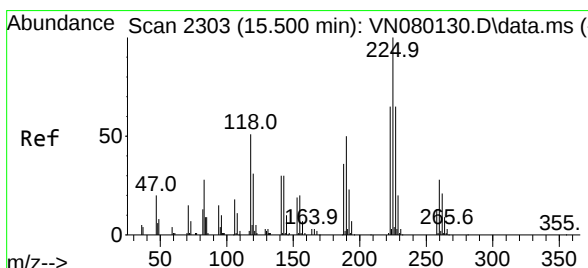
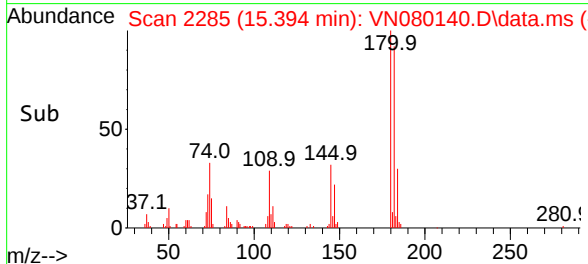
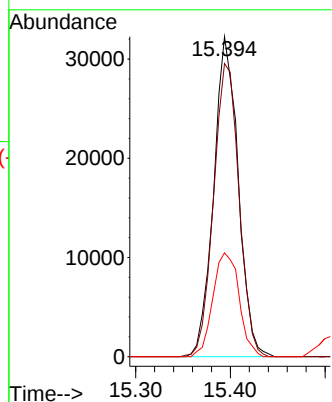
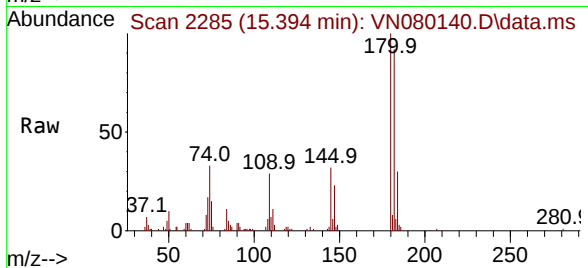
Tgt Ion:180	Resp:	57979
Ion Ratio	Lower	Upper
180	100	
182	94.9	46.1 138.2
145	34.7	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#94

Hexachlorobutadiene

Concen: 15.027 ug/l

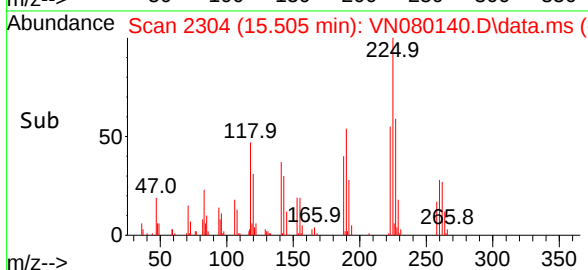
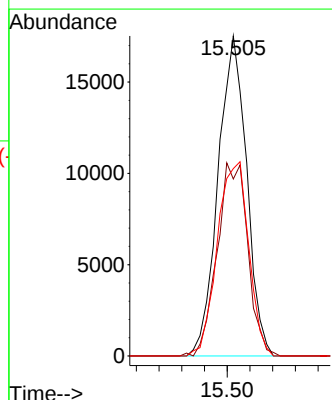
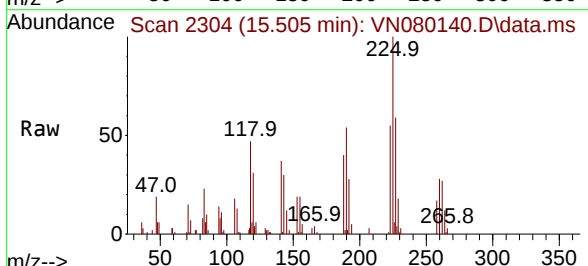
RT: 15.505 min Scan# 2304

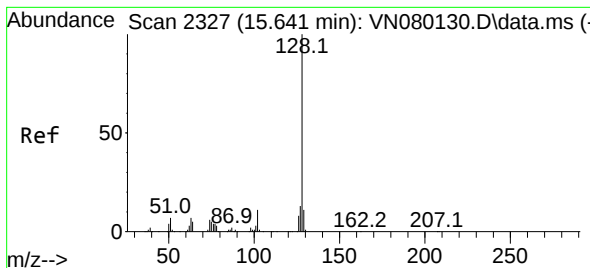
Delta R.T. 0.005 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Tgt Ion:225	Resp:	30606
Ion Ratio	Lower	Upper
225	100	
223	64.6	31.3 93.8
227	66.5	31.9 95.9





#95

Naphthalene

Concen: 16.594 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tgt Ion:128 Resp: 170300

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

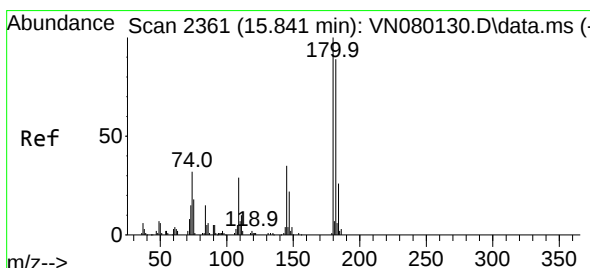
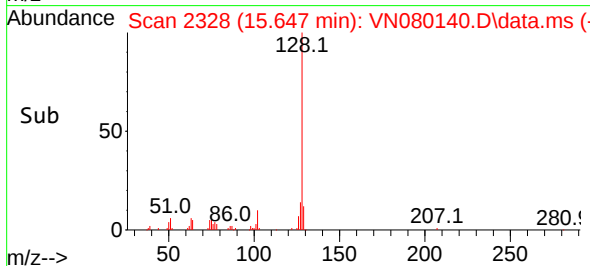
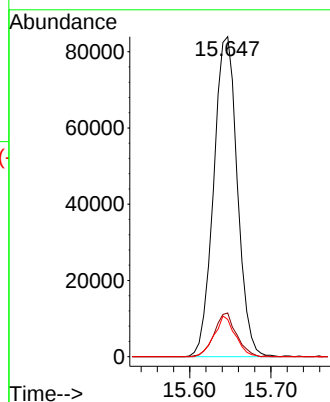
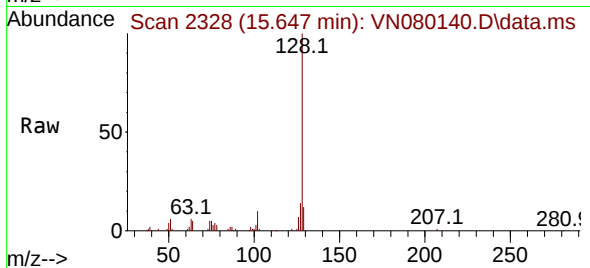
129 11.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.127 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080140.D

Acq: 16 Nov 2023 17:58

Tgt Ion:180 Resp: 56816

Ion Ratio Lower Upper

180 100

182 94.7 46.2 138.6

145 36.7 17.5 52.6

