

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080183.D
 Acq On : 18 Nov 2023 14:07
 Operator : JC\MD
 Sample : VN1118WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 20 01:24:32 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	8.230	168	215101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	347829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	312398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	185775	52.307	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.620%			
35) Dibromofluoromethane	8.171	113	129778	50.566	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.140%			
50) Toluene-d8	10.571	98	477247	51.584	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.160%			
62) 4-Bromofluorobenzene	12.853	95	178339	51.033	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	61988	19.347	ug/l	98
3) Chloromethane	2.360	50	45082	18.714	ug/l	100
4) Vinyl Chloride	2.512	62	50353	19.752	ug/l	96
5) Bromomethane	2.954	94	32450	18.750	ug/l	99
6) Chloroethane	3.118	64	30747	18.406	ug/l	99
7) Trichlorofluoromethane	3.495	101	103244	19.414	ug/l	92
8) Diethyl Ether	3.965	74	28644	18.521	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	46260	19.032	ug/l	94
10) Methyl Iodide	4.595	142	52074	19.824	ug/l #	88
11) Tert butyl alcohol	5.524	59	45257	115.874	ug/l	99
12) 1,1-Dichloroethene	4.342	96	42253	18.585	ug/l #	82
13) Acrolein	4.189	56	35623	103.061	ug/l	93
14) Allyl chloride	5.024	41	53453	18.688	ug/l	93
15) Acrylonitrile	5.718	53	114999	109.679	ug/l	99
16) Acetone	4.430	43	98892	82.899	ug/l	91
17) Carbon Disulfide	4.712	76	115641	17.035	ug/l	97
18) Methyl Acetate	5.018	43	83189	21.704	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	160858	20.035	ug/l	99
20) Methylene Chloride	5.277	84	55859	22.360	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	47920	19.187	ug/l	87
22) Diisopropyl ether	6.677	45	129617	20.482	ug/l	94
23) Vinyl Acetate	6.606	43	383545	100.812	ug/l	93
24) 1,1-Dichloroethane	6.565	63	87275	18.935	ug/l	98
25) 2-Butanone	7.489	43	133851	94.439	ug/l	94
26) 2,2-Dichloropropane	7.494	77	86724	18.965	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	54145	19.121	ug/l	85
28) Bromochloromethane	7.818	49	38087	21.019	ug/l	94
29) Tetrahydrofuran	7.847	42	88051	115.716	ug/l	91
30) Chloroform	7.971	83	102366	19.870	ug/l	90
31) Cyclohexane	8.259	56	70379	18.221	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	100648	20.033	ug/l	99
36) 1,1-Dichloropropene	8.377	75	70374	18.939	ug/l	94
37) Ethyl Acetate	7.559	43	59222	22.977	ug/l	96
38) Carbon Tetrachloride	8.365	117	92807	19.682	ug/l	96
39) Methylcyclohexane	9.606	83	65464	18.272	ug/l	95
40) Benzene	8.606	78	203552	19.274	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	28803	20.349	ug/l	91
42) 1,2-Dichloroethane	8.677	62	90000	20.830	ug/l	94
43) Isopropyl Acetate	8.694	43	102261	20.389	ug/l	94
44) Trichloroethene	9.359	130	51796	18.697	ug/l	96
45) 1,2-Dichloropropane	9.624	63	48550	19.782	ug/l	96
46) Dibromomethane	9.712	93	38721	20.843	ug/l	92
47) Bromodichloromethane	9.894	83	84132	20.587	ug/l	96
48) Methyl methacrylate	9.683	41	54496	21.084	ug/l	91
49) 1,4-Dioxane	9.694	88	21121	491.185	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	295421	113.768	ug/l	96
52) Toluene	10.635	92	131915	19.959	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	81951	19.518	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	86200	20.095	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	51739	20.511	ug/l	97
56) Ethyl methacrylate	10.877	69	56410	21.890	ug/l	90
57) 1,3-Dichloropropane	11.171	76	89626	20.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	160008	110.214	ug/l	99
59) 2-Hexanone	11.200	43	220521	105.685	ug/l	96
60) Dibromochloromethane	11.365	129	62601	20.729	ug/l	99
61) 1,2-Dibromoethane	11.477	107	53694	20.865	ug/l	94
64) Tetrachloroethene	11.106	164	46732	19.601	ug/l	96
65) Chlorobenzene	11.894	112	138005	19.496	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	56131	20.434	ug/l	94
67) Ethyl Benzene	11.965	91	249770	19.829	ug/l	95
68) m/p-Xylenes	12.077	106	183741	40.008	ug/l	87
69) o-Xylene	12.400	106	87602	20.240	ug/l	86
70) Styrene	12.418	104	132028	20.495	ug/l	91
71) Bromoform	12.582	173	44026	21.612	ug/l #	100
73) Isopropylbenzene	12.700	105	237771	19.684	ug/l	99
74) N-amyl acetate	12.500	43	77704	20.628	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	73867	20.431	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	72990m	19.163	ug/l	
77) Bromobenzene	12.982	156	59590	19.566	ug/l	99
78) n-propylbenzene	13.041	91	265298	19.640	ug/l	99
79) 2-Chlorotoluene	13.129	91	173837	19.814	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	209209	19.896	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	25563	22.676	ug/l	90
82) 4-Chlorotoluene	13.224	91	176092	19.592	ug/l	96
83) tert-Butylbenzene	13.441	119	162363	19.254	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	213508	20.620	ug/l	96
85) sec-Butylbenzene	13.623	105	208874	19.581	ug/l	99
86) p-Isopropyltoluene	13.735	119	188693	19.802	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	105465	19.221	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	103812	18.826	ug/l	97
89) n-Butylbenzene	14.059	91	147192	18.455	ug/l	99
90) Hexachloroethane	14.335	117	36611	19.707	ug/l	73
91) 1,2-Dichlorobenzene	14.112	146	100362	19.114	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17983	21.414	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	52766	17.278	ug/l	97
94) Hexachlorobutadiene	15.506	225	29018	16.512	ug/l	94
95) Naphthalene	15.647	128	159045	17.960	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	52238	18.249	ug/l	98

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QLast Update : Fri Nov 17 01:19:32 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

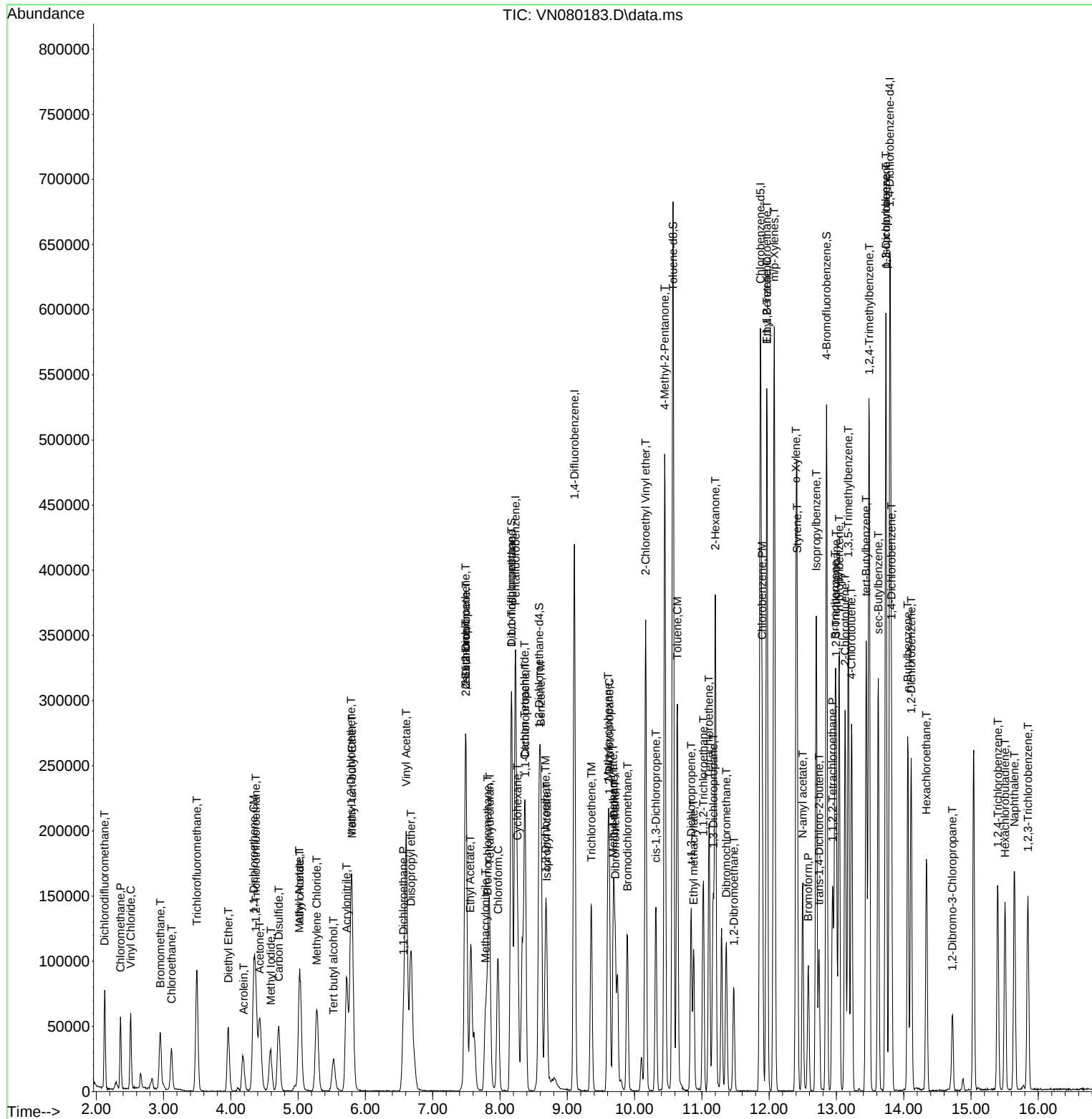
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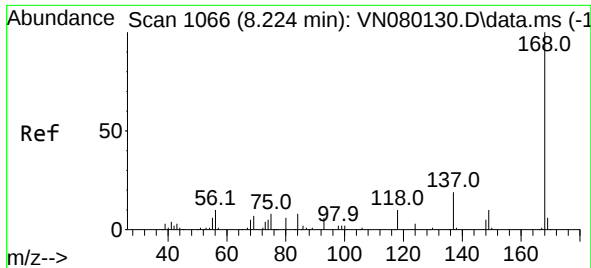
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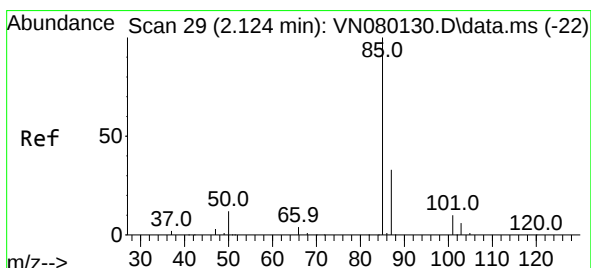
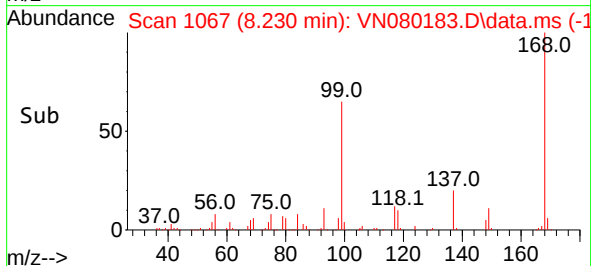
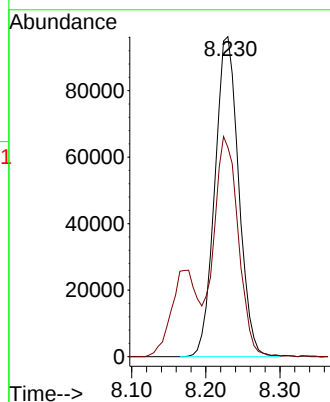
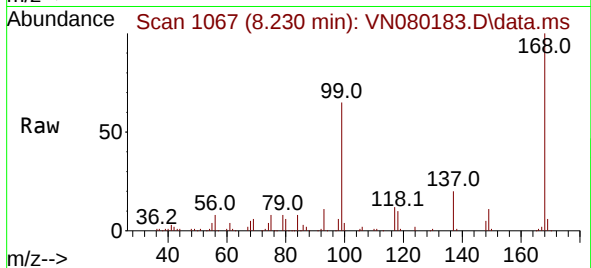
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080183.D
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Tgt Ion:168 Resp: 21510
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6

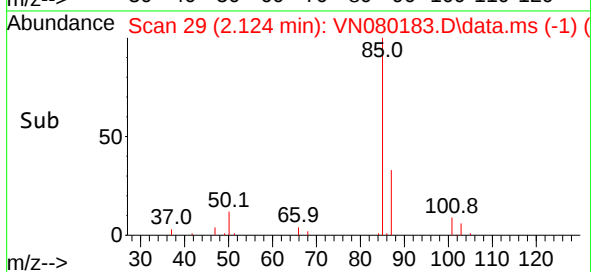
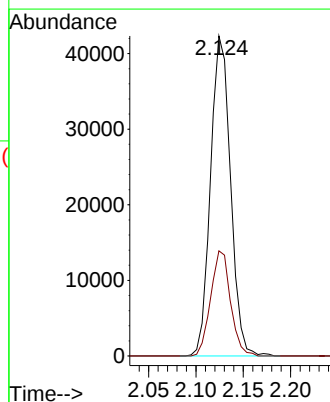
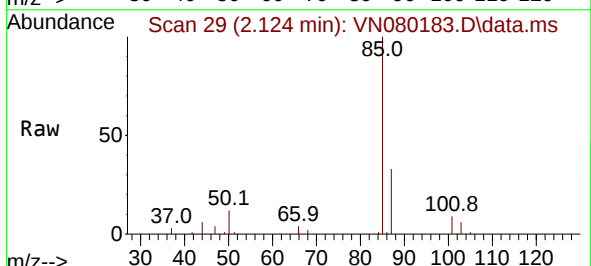
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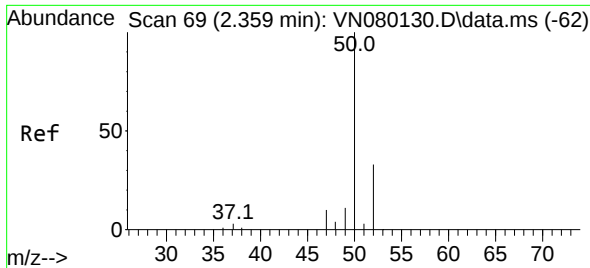
Reviewed By :John Carlone 11/20/2023
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#2
Dichlorodifluoromethane
Concen: 19.347 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Tgt Ion: 85 Resp: 61988
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4





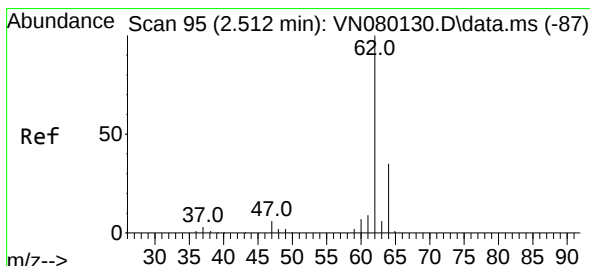
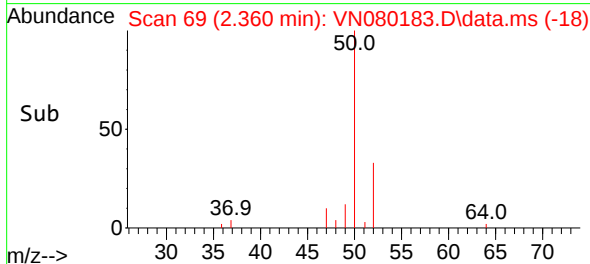
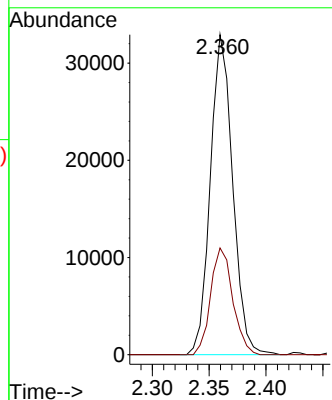
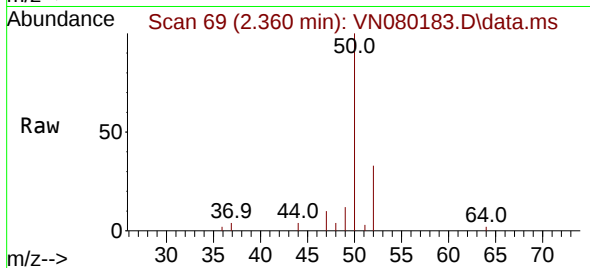
#3
Chloromethane
Concen: 18.714 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Instrument :
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Tgt Ion: 50 Resp: 4508
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7

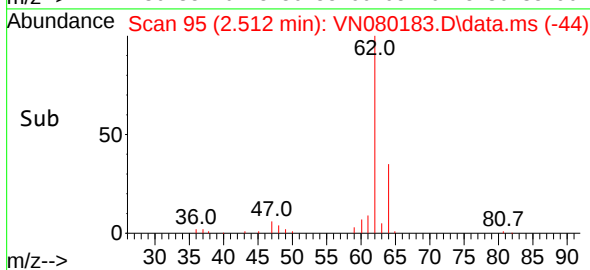
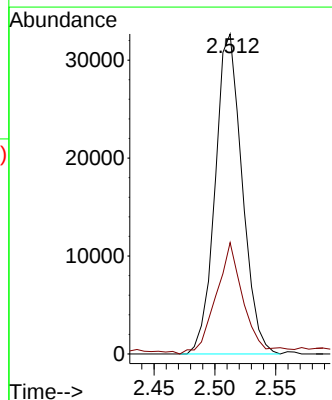
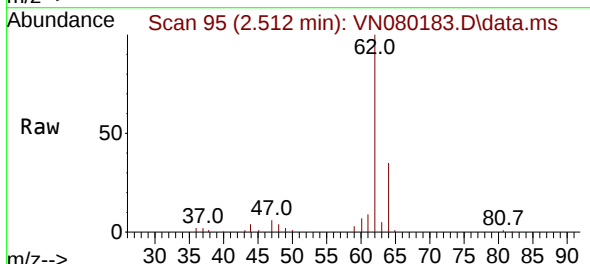
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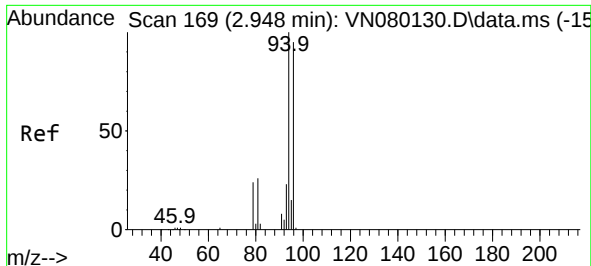
Reviewed By :John Carlone 11/20/2023
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#4
Vinyl Chloride
Concen: 19.752 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

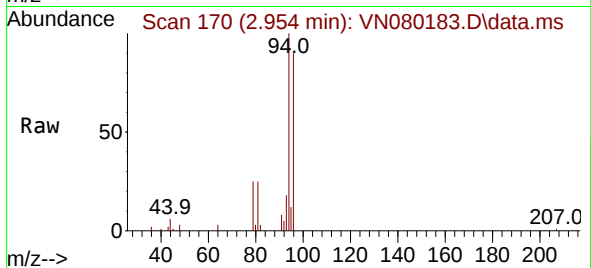
Tgt Ion: 62 Resp: 50353
Ion Ratio Lower Upper
62 100
64 34.8 26.2 39.2





#5
Bromomethane
Concen: 18.750 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

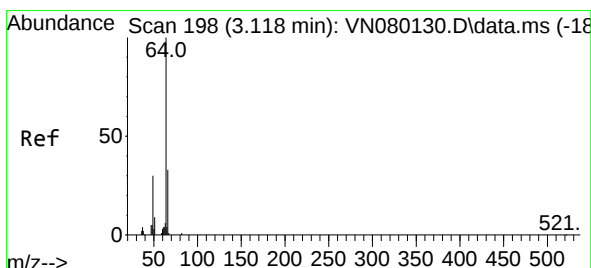
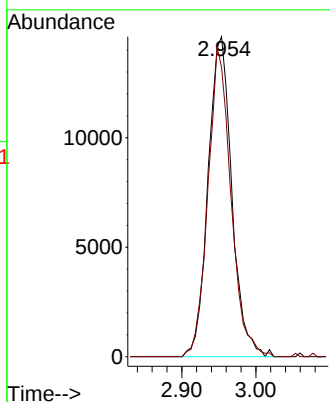
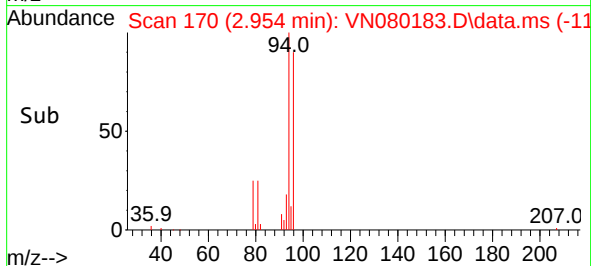
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Tgt Ion: 94 Resp: 32450
Ion Ratio Lower Upper
94 100
96 90.5 73.1 109.7

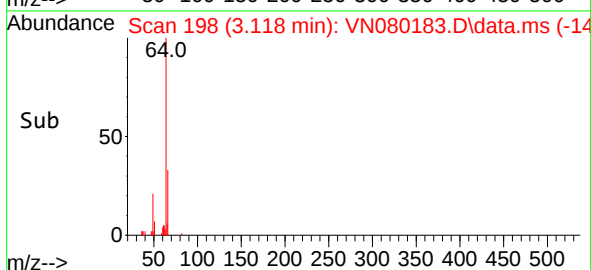
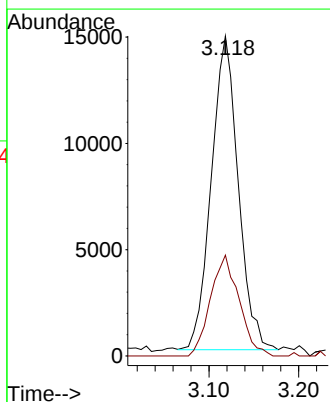
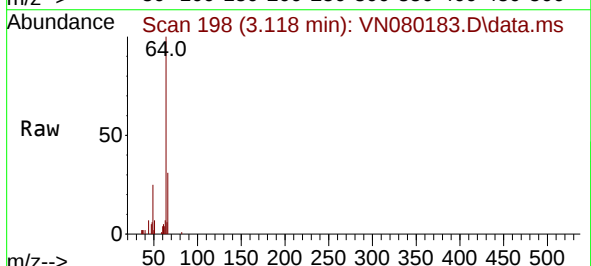
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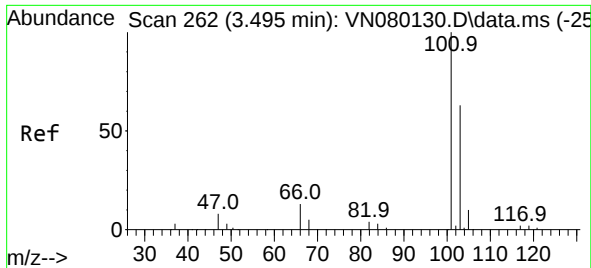
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#6
Chloroethane
Concen: 18.406 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

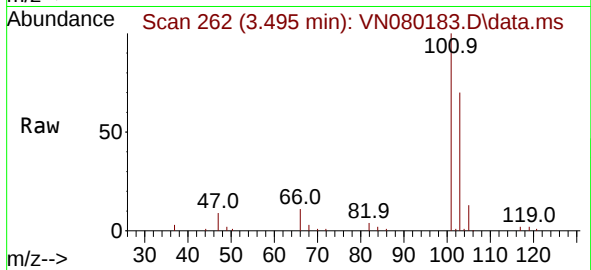
Tgt Ion: 64 Resp: 30747
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.414 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080183.D
 Acq: 18 Nov 2023 14:07

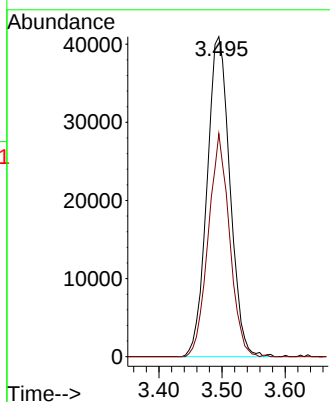
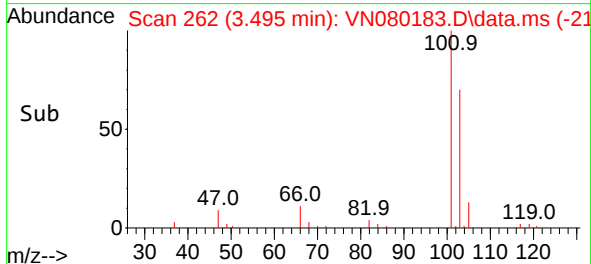
Instrument :
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Tgt Ion:101 Resp: 103244
 Ion Ratio Lower Upper
 101 100
 103 69.7 50.7 76.1

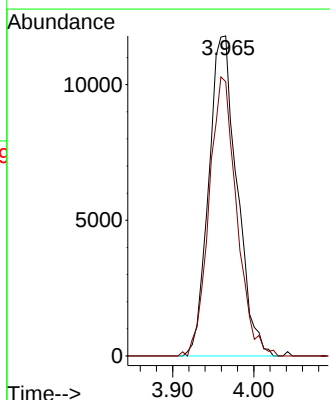
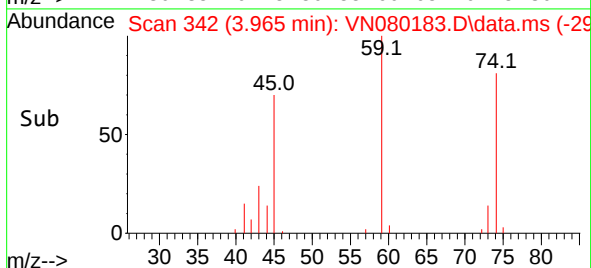
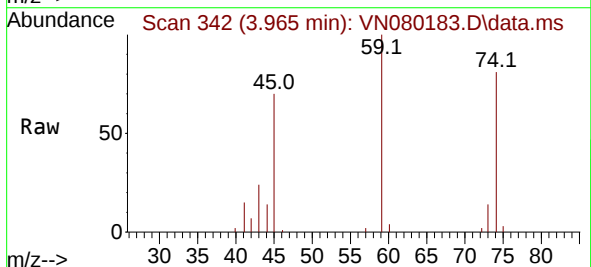
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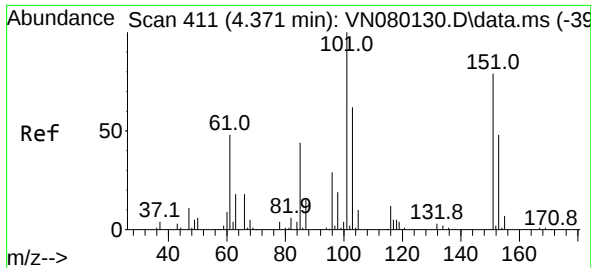
Reviewed By :John Carlone 11/20/2023
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#8
 Diethyl Ether
 Concen: 18.521 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN080183.D
 Acq: 18 Nov 2023 14:07

Tgt Ion: 74 Resp: 28644
 Ion Ratio Lower Upper
 74 100
 45 84.9 34.4 103.3





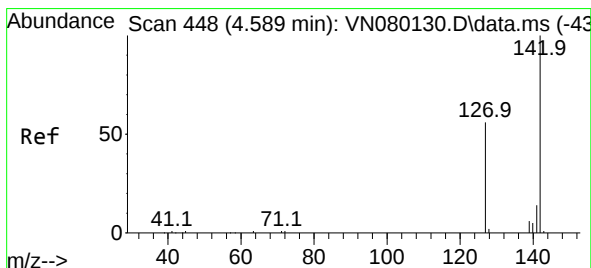
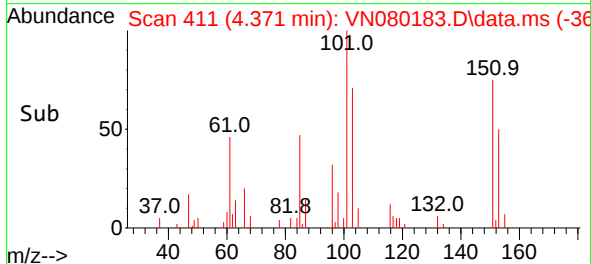
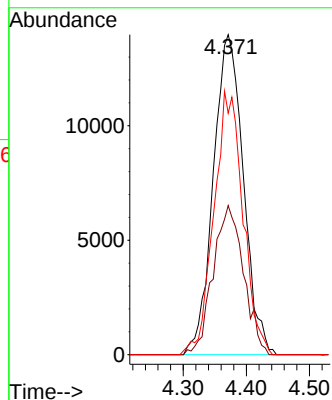
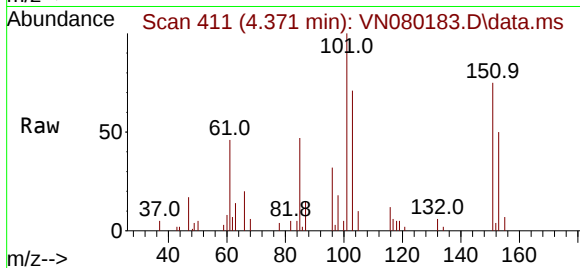
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.032 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion:101 Resp: 46260
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 79.5 57.6 86.4

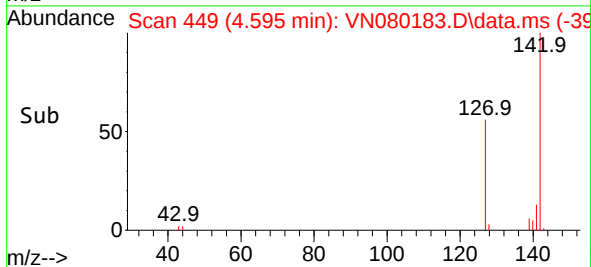
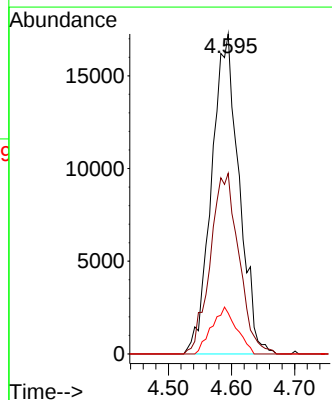
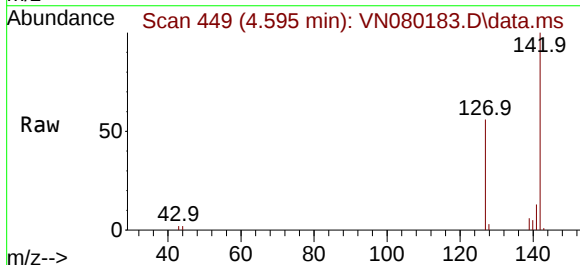
Manual Integrations
APPROVED

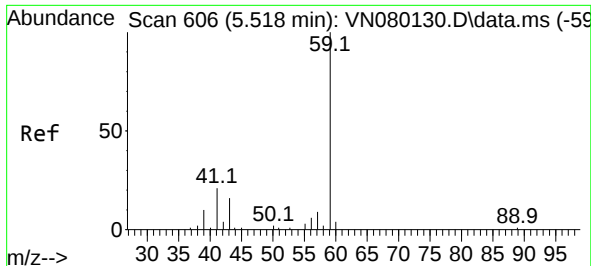
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 19.824 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Tgt Ion:142 Resp: 52074
Ion Ratio Lower Upper
142 100
127 56.4 37.6 56.4#
141 12.7 11.4 17.0





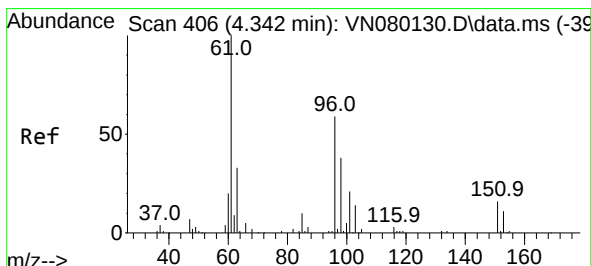
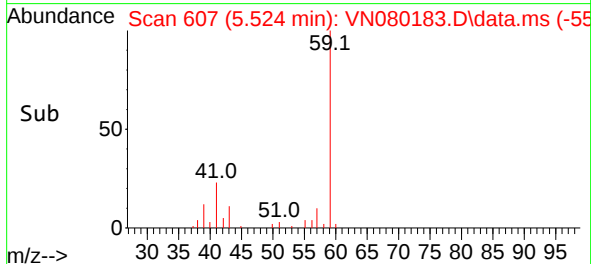
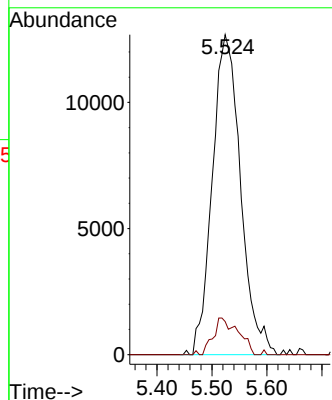
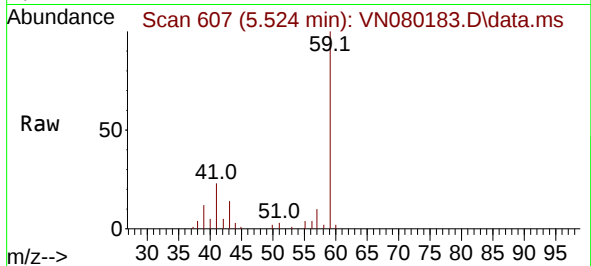
#11
Tert butyl alcohol
Concen: 115.874 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 59 Resp: 4525
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

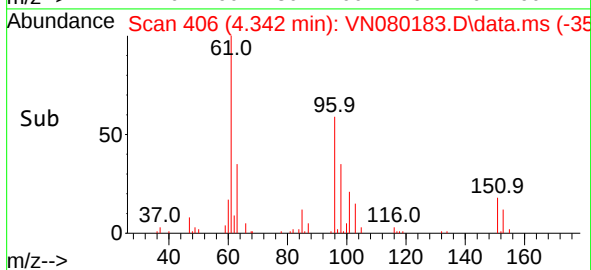
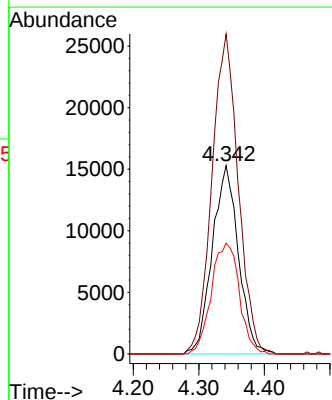
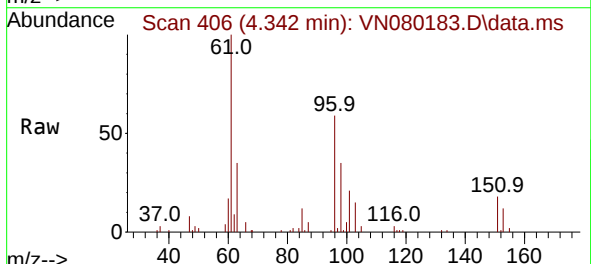
Manual Integrations
APPROVED

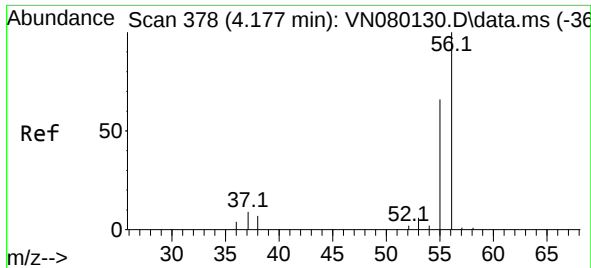
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#12
1,1-Dichloroethene
Concen: 18.585 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Tgt Ion: 96 Resp: 42253
Ion Ratio Lower Upper
96 100
61 170.0 112.7 169.1#
98 58.8 51.2 76.8





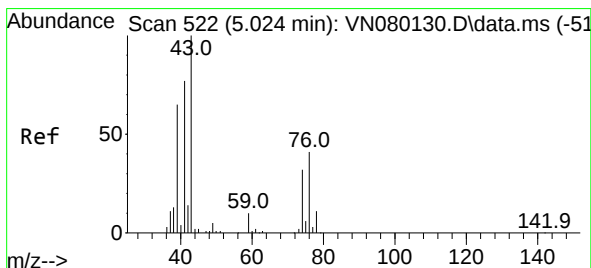
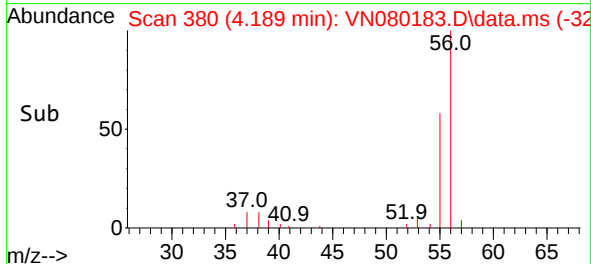
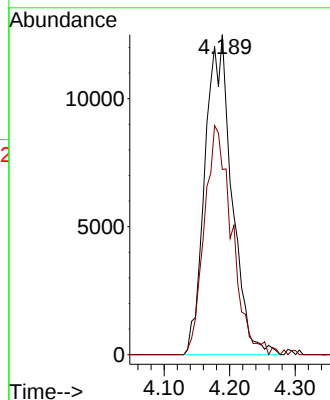
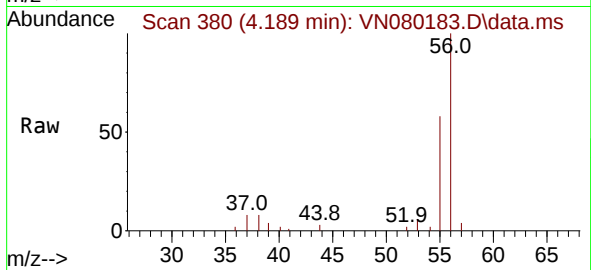
#13
Acrolein
Concen: 103.061 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 56 Resp: 3562
Ion Ratio Lower Upper
56 100
55 73.5 54.5 81.7

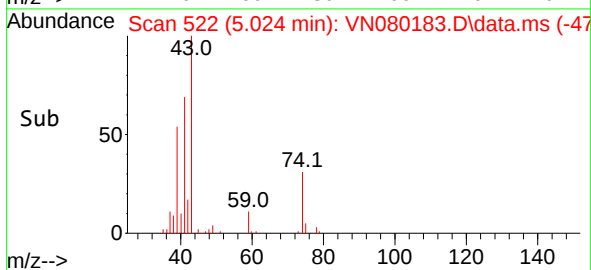
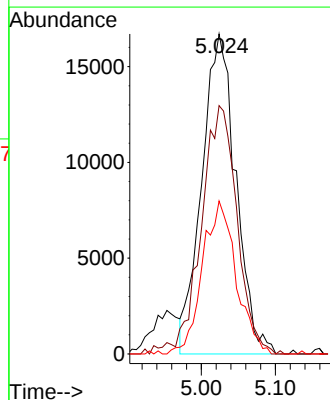
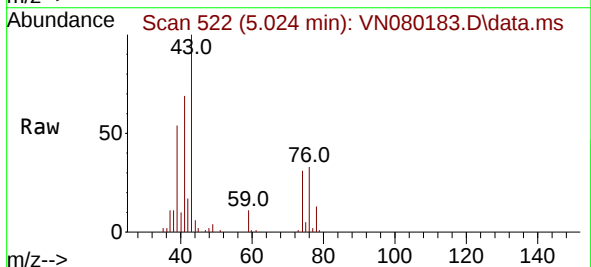
Manual Integrations
APPROVED

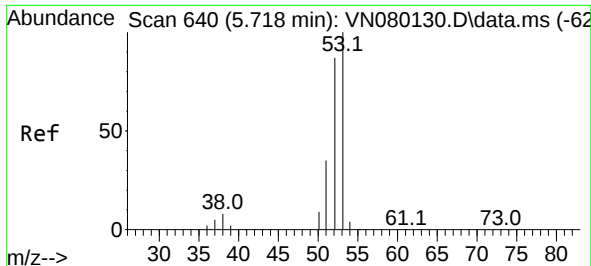
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#14
Allyl chloride
Concen: 18.688 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

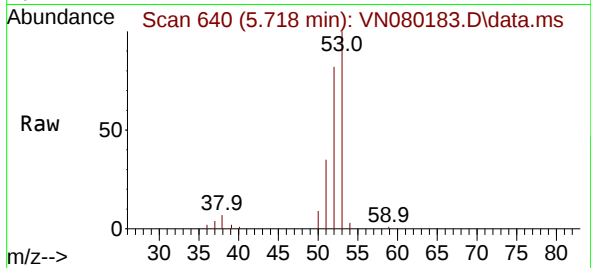
Tgt Ion: 41 Resp: 53453
Ion Ratio Lower Upper
41 100
39 81.7 58.8 88.2
76 47.1 39.1 58.7





#15
Acrylonitrile
Concen: 109.679 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

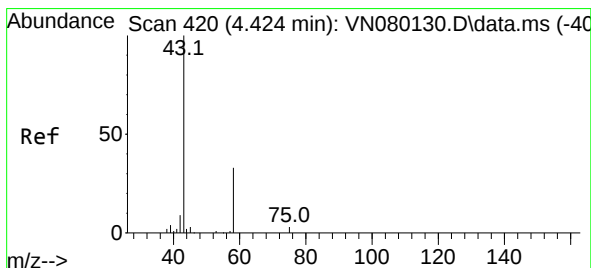
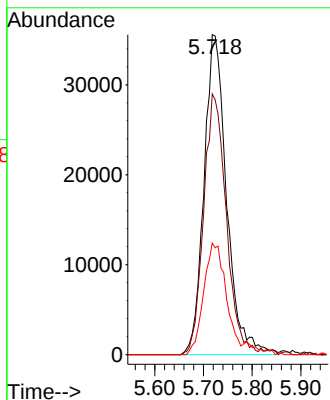
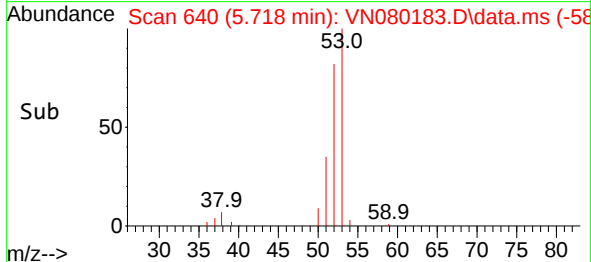
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 53 Resp: 114999
Ion Ratio Lower Upper
53 100
52 81.1 65.3 97.9
51 34.7 28.9 43.3

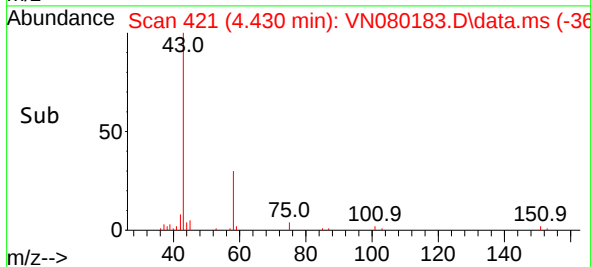
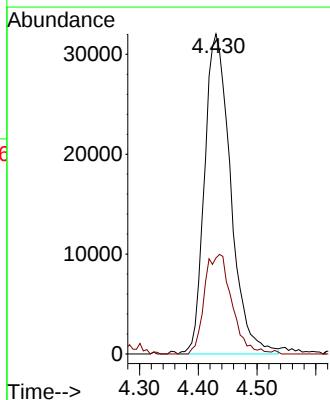
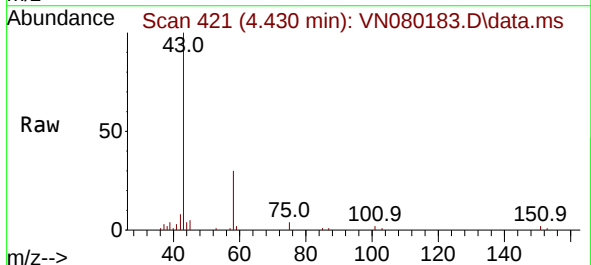
Manual Integrations
APPROVED

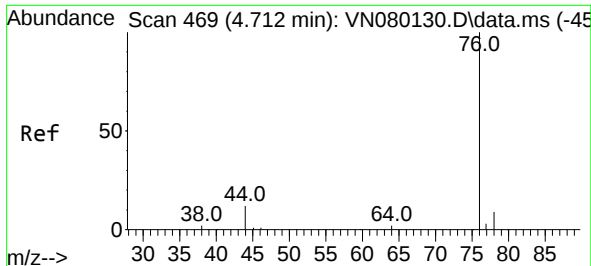
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#16
Acetone
Concen: 82.899 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

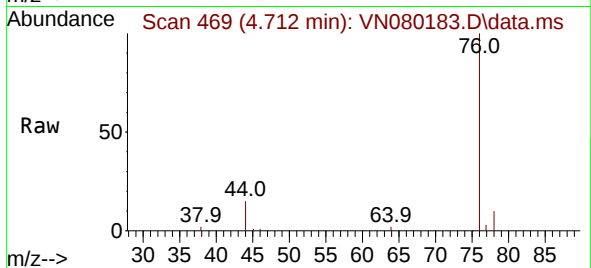
Tgt Ion: 43 Resp: 98892
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0





#17
Carbon Disulfide
Concen: 17.035 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

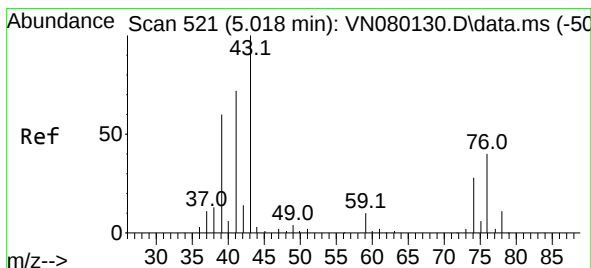
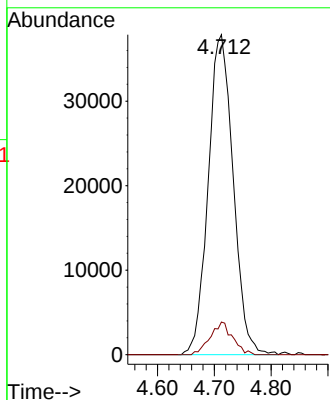
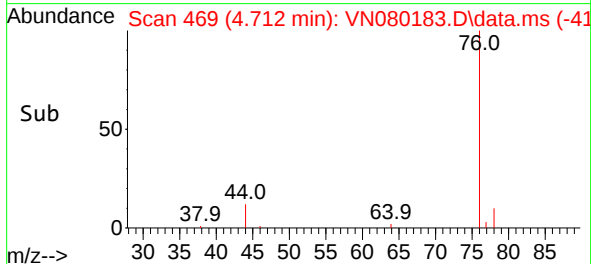
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



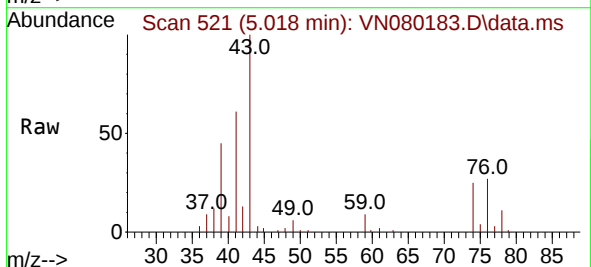
Tgt Ion: 76 Resp: 11564
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

Manual Integrations
APPROVED

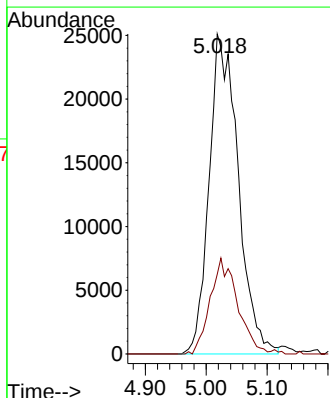
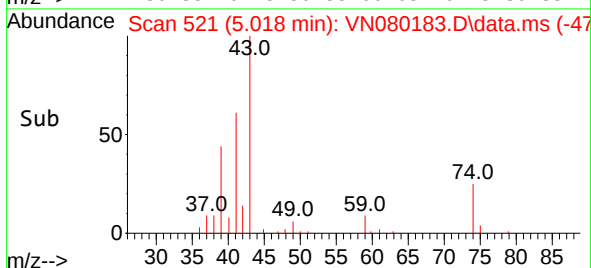
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

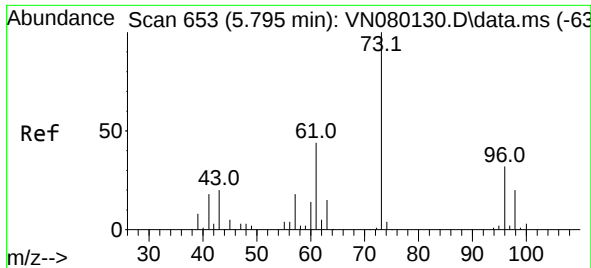


#18
Methyl Acetate
Concen: 21.704 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07



Tgt Ion: 43 Resp: 83189
Ion Ratio Lower Upper
43 100
74 28.3 26.2 39.4





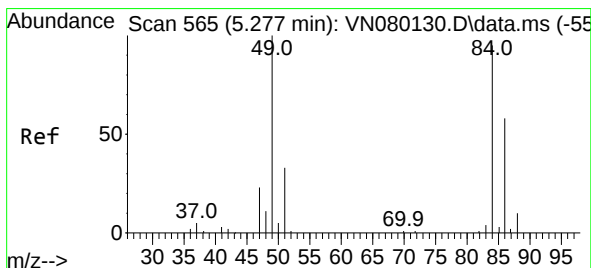
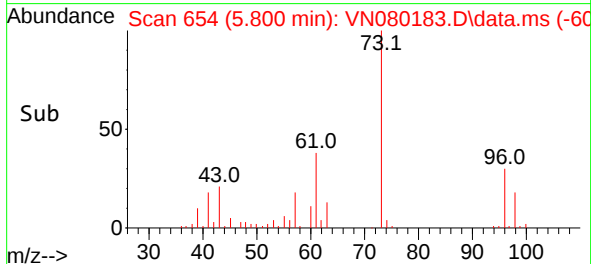
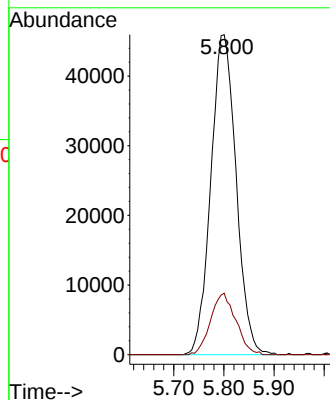
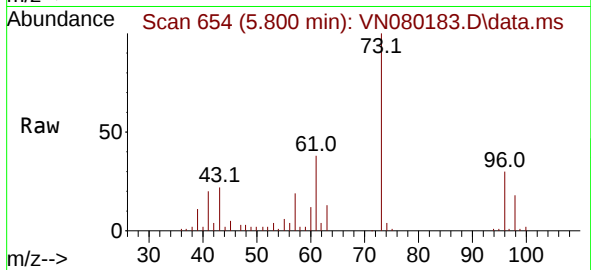
#19
Methyl tert-butyl Ether
Concen: 20.035 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 73 Resp: 16085
Ion Ratio Lower Upper
73 100
57 19.2 15.6 23.4

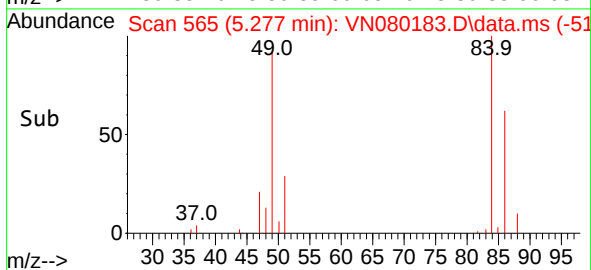
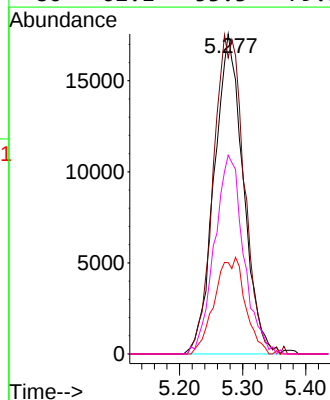
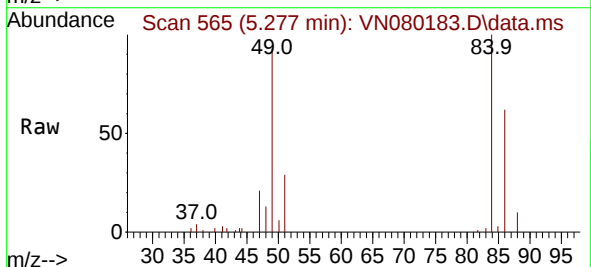
Manual Integrations
APPROVED

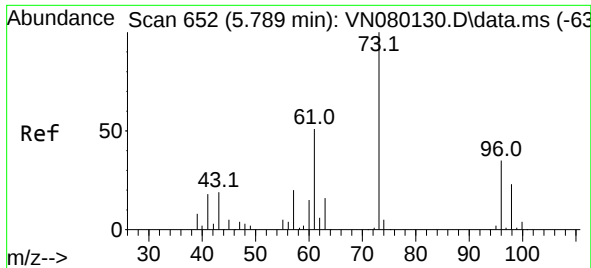
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 22.360 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

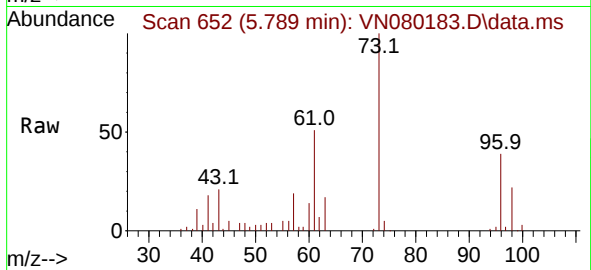
Tgt Ion: 84 Resp: 55859
Ion Ratio Lower Upper
84 100
49 92.6 79.7 119.5
51 28.5 25.2 37.8
86 62.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.187 ug/l
RT: 5.789 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

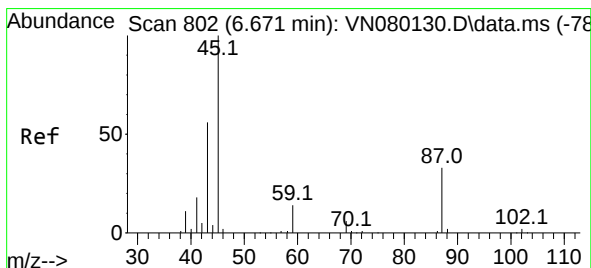
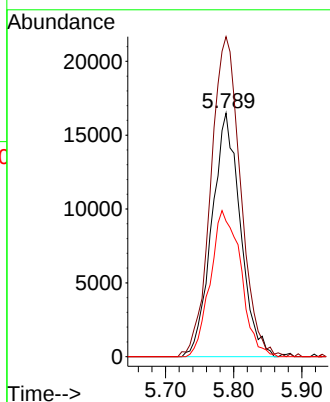
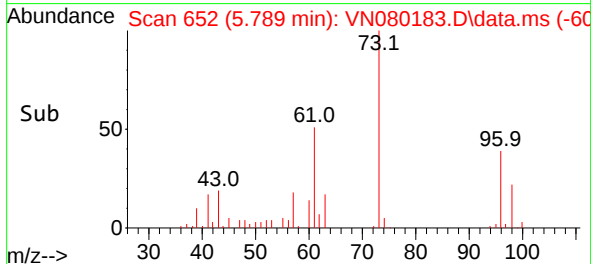
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 96 Resp: 47920
Ion Ratio Lower Upper
96 100
61 131.4 90.1 135.1
98 55.6 46.4 69.6

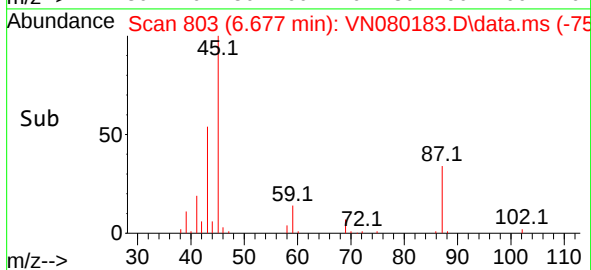
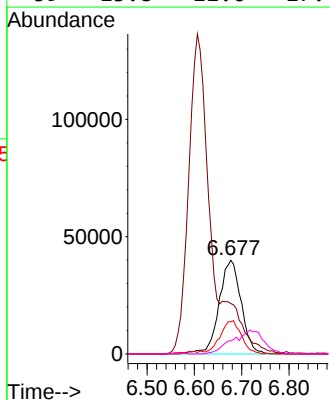
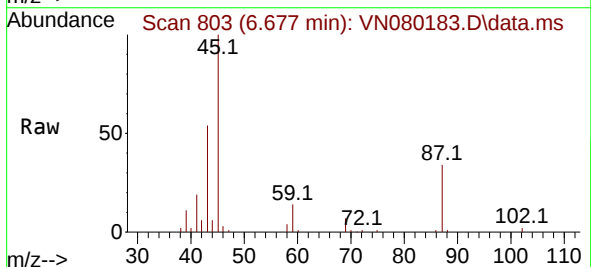
Manual Integrations
APPROVED

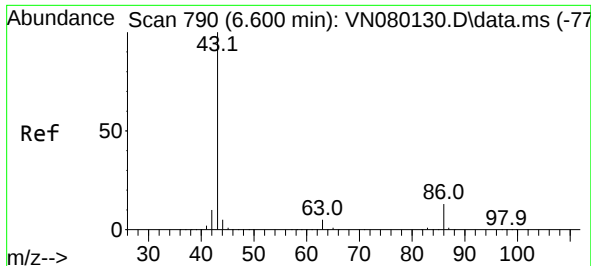
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#22
Diisopropyl ether
Concen: 20.482 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Tgt Ion: 45 Resp: 129617
Ion Ratio Lower Upper
45 100
43 52.6 45.5 68.3
87 34.3 31.8 47.8
59 13.8 11.6 17.4





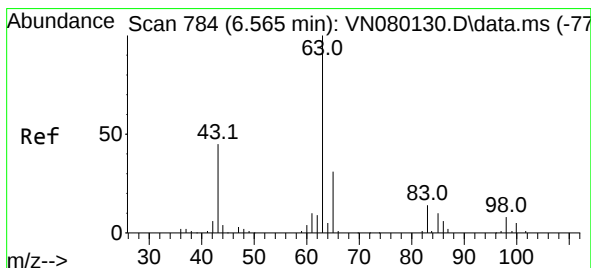
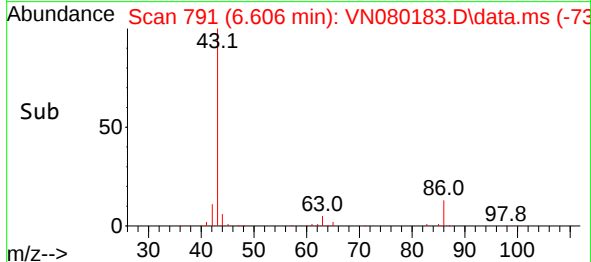
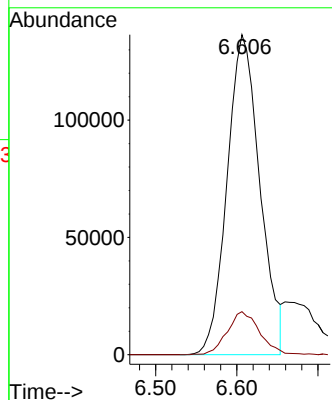
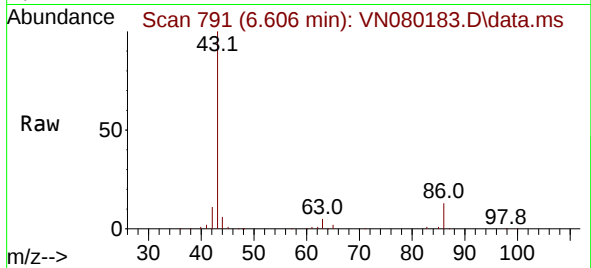
#23
 Vinyl Acetate
 Concen: 100.812 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080183.D
 Acq: 18 Nov 2023 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

Tgt Ion: 43 Resp: 38354
 Ion Ratio Lower Upper
 43 100
 86 13.5 13.0 19.6

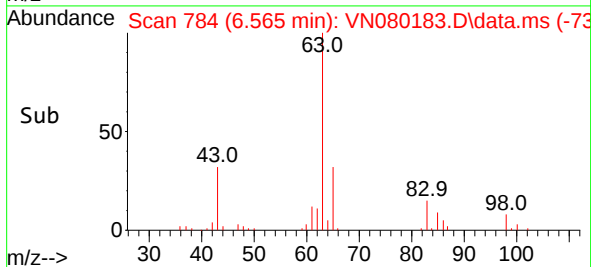
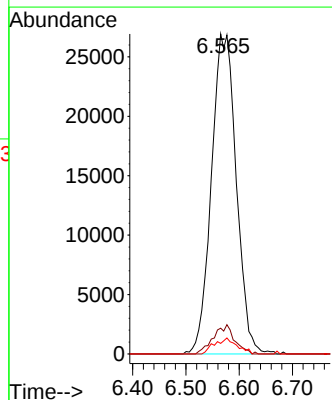
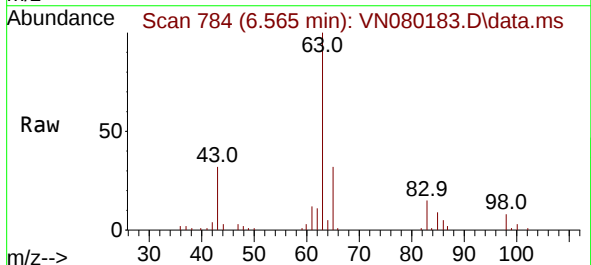
Manual Integrations
 APPROVED

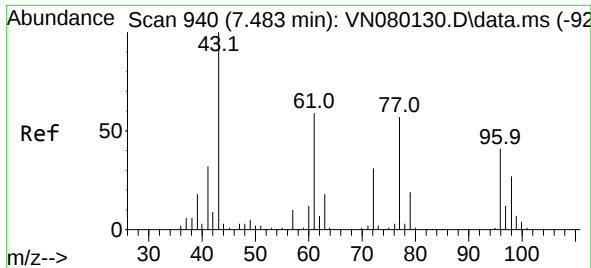
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#24
 1,1-Dichloroethane
 Concen: 18.935 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080183.D
 Acq: 18 Nov 2023 14:07

Tgt Ion: 63 Resp: 87275
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 3.3 2.5 7.4





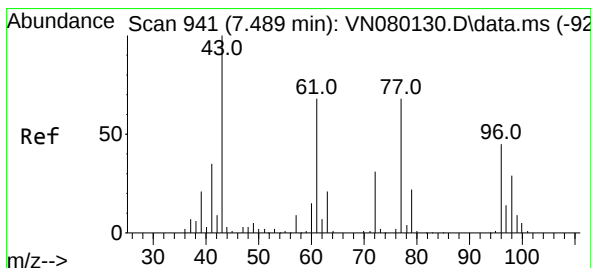
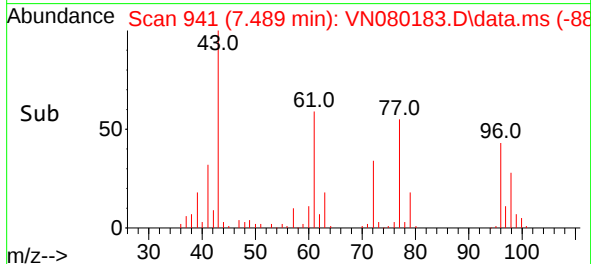
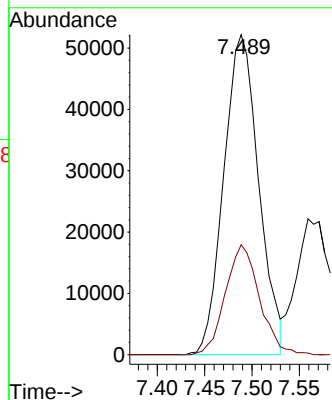
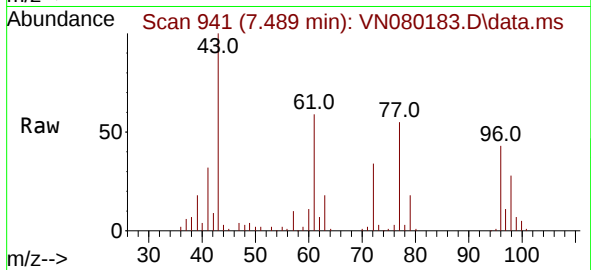
#25
2-Butanone
Concen: 94.439 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 43 Resp: 13385
Ion Ratio Lower Upper
43 100
72 34.3 30.2 45.2

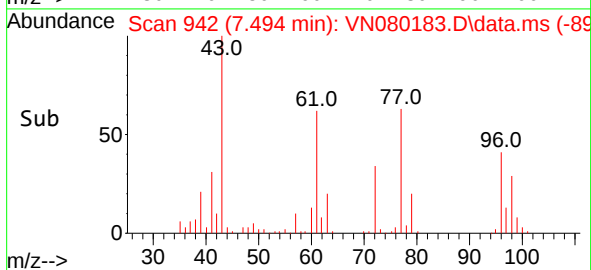
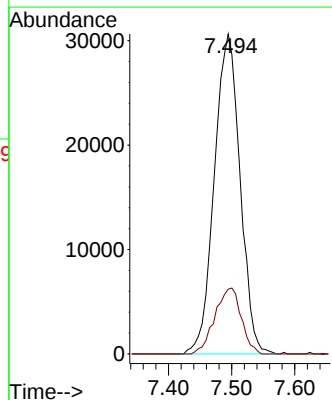
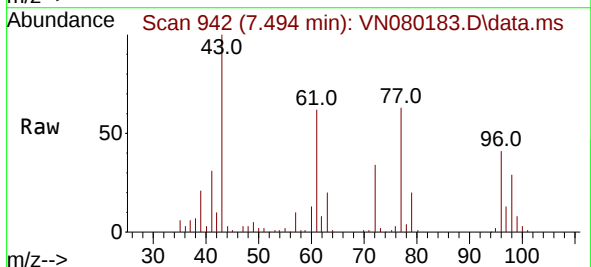
Manual Integrations
APPROVED

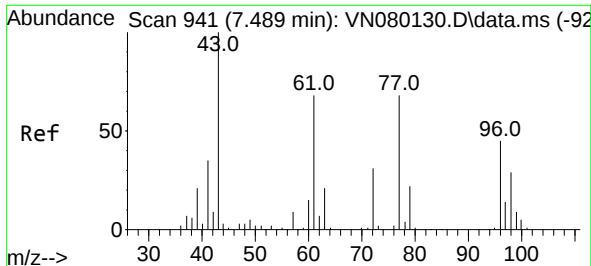
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 18.965 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

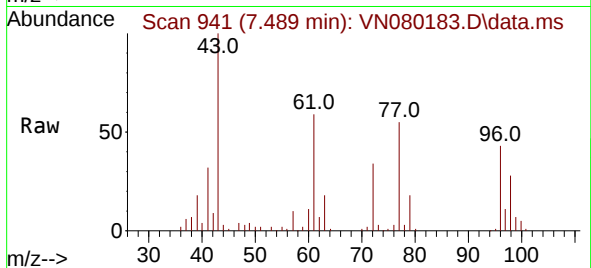
Tgt Ion: 77 Resp: 86724
Ion Ratio Lower Upper
77 100
97 21.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.121 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080183.D
 Acq: 18 Nov 2023 14:07

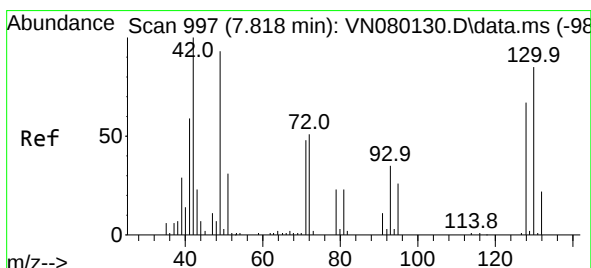
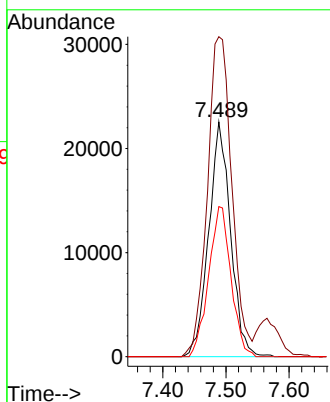
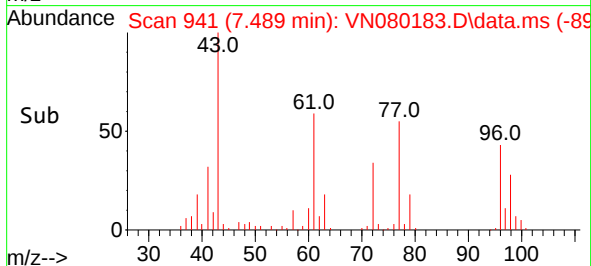
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01



Tgt Ion: 96 Resp: 5414
 Ion Ratio Lower Upper
 96 100
 61 152.8 0.0 255.2
 98 65.3 0.0 128.8

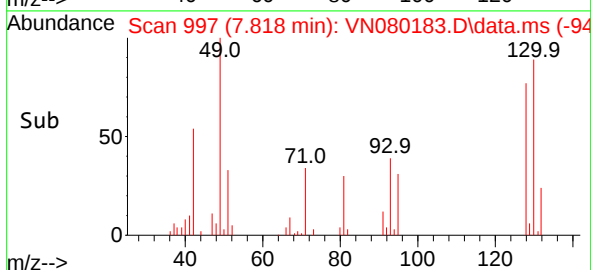
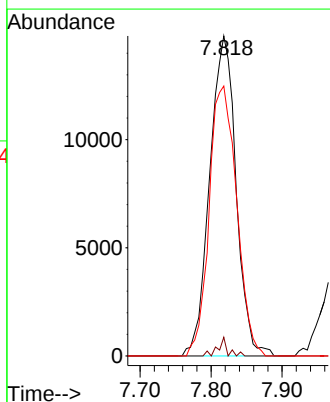
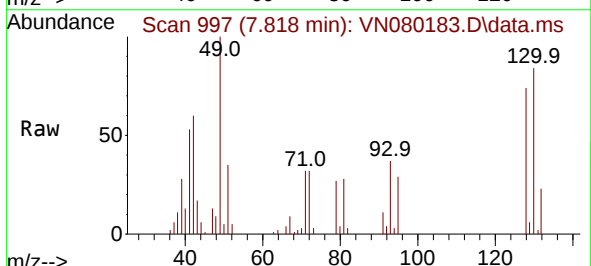
Manual Integrations
 APPROVED

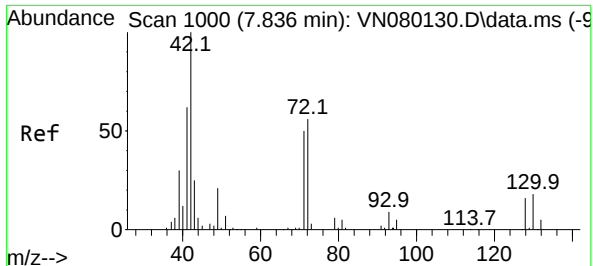
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#28
 Bromochloromethane
 Concen: 21.019 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN080183.D
 Acq: 18 Nov 2023 14:07

Tgt Ion: 49 Resp: 38087
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 88.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 115.716 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VN080183.D

Acq: 18 Nov 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

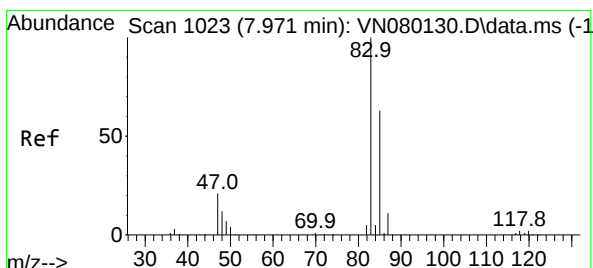
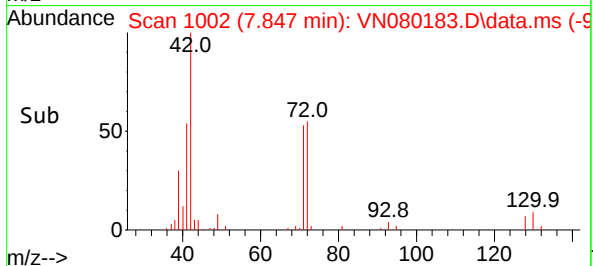
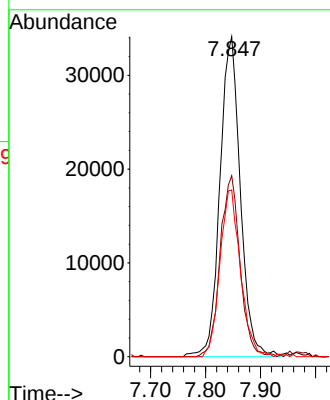
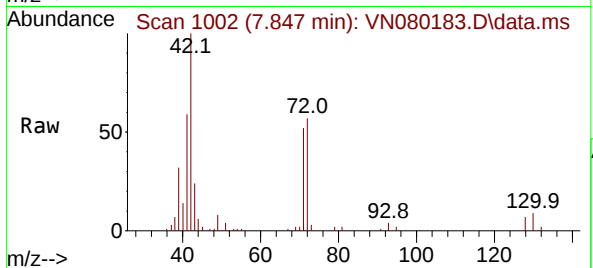
Tgt Ion:	42	Resp:	8805
Ion Ratio	Lower	Upper	
42	100		
72	55.0	49.8	74.6
71	52.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 19.870 ug/l

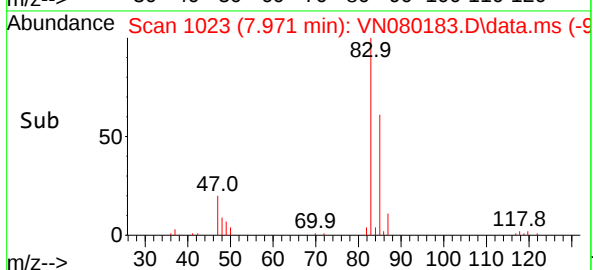
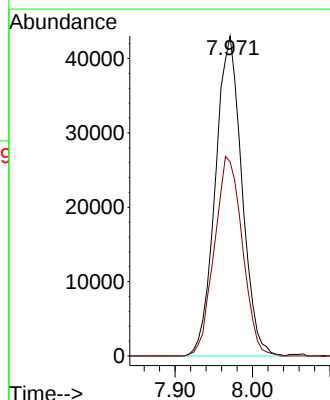
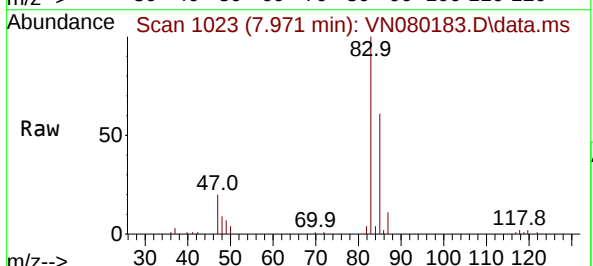
RT: 7.971 min Scan# 1023

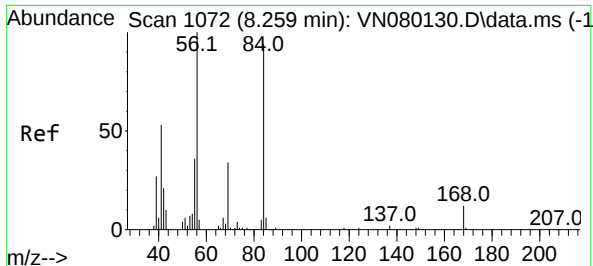
Delta R.T. 0.000 min

Lab File: VN080183.D

Acq: 18 Nov 2023 14:07

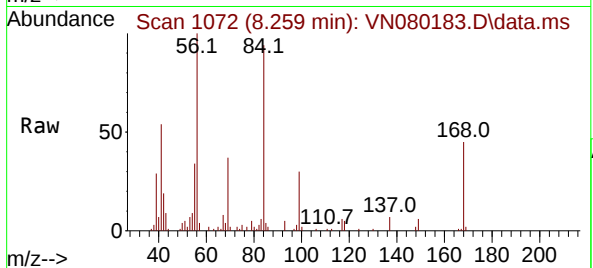
Tgt Ion:	83	Resp:	102366
Ion Ratio	Lower	Upper	
83	100		
85	60.7	55.4	83.0





#31
Cyclohexane
Concen: 18.221 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

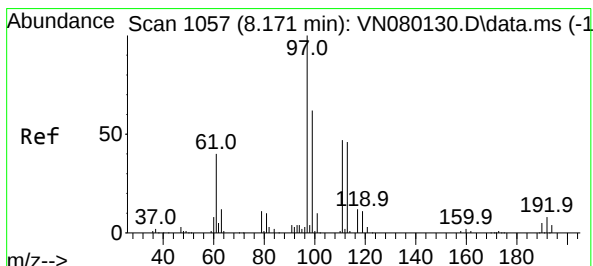
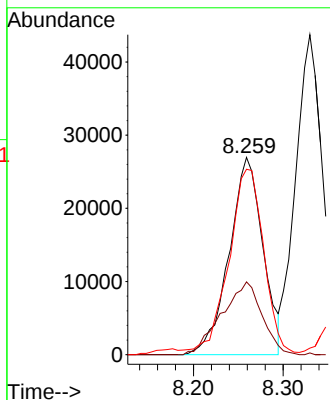
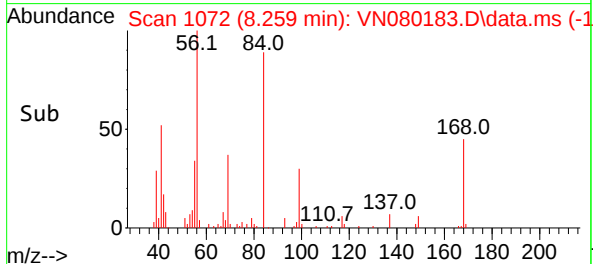
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



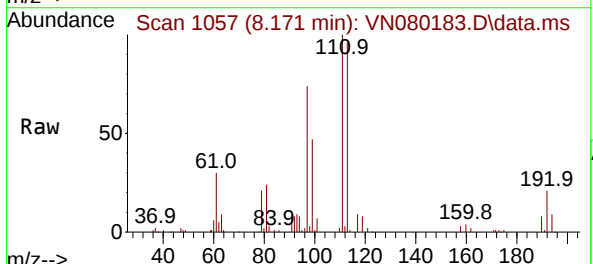
Tgt Ion: 56 Resp: 70379
Ion Ratio Lower Upper
56 100
69 36.9 26.8 40.2
84 91.8 81.8 122.6

Manual Integrations
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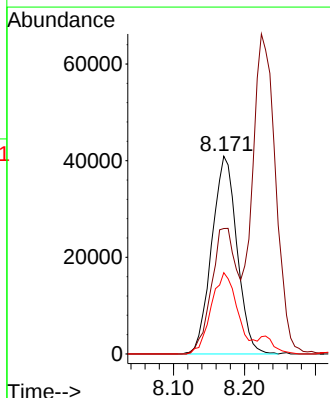
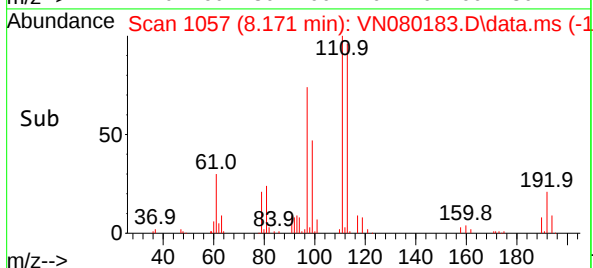
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

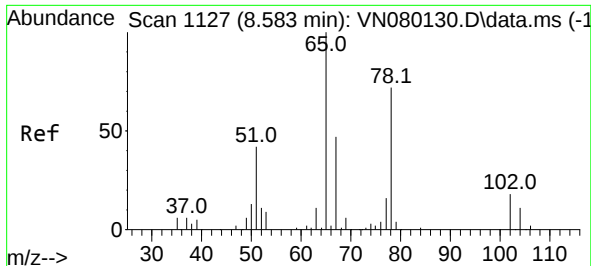


#32
1,1,1-Trichloroethane
Concen: 20.033 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07



Tgt Ion: 97 Resp: 100648
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 44.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.307 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080183.D

Acq: 18 Nov 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion: 65 Resp: 18577

Ion Ratio Lower Upper

65 100

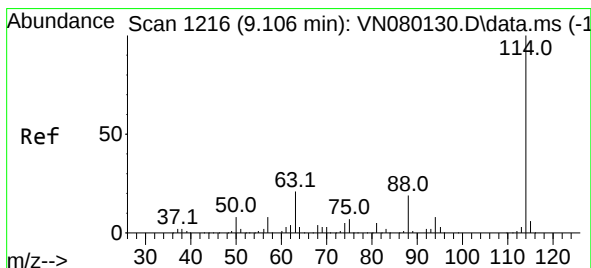
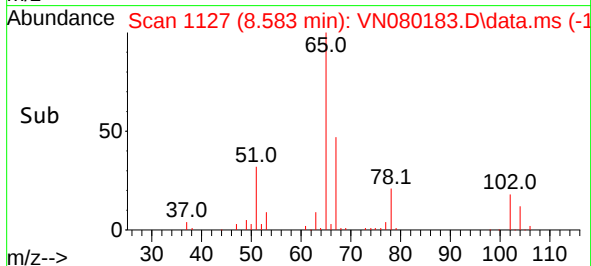
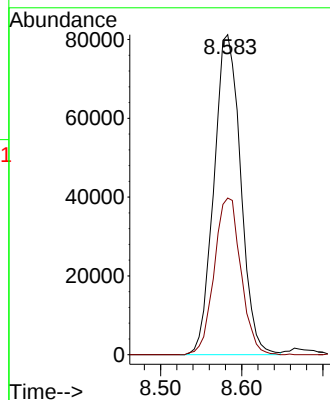
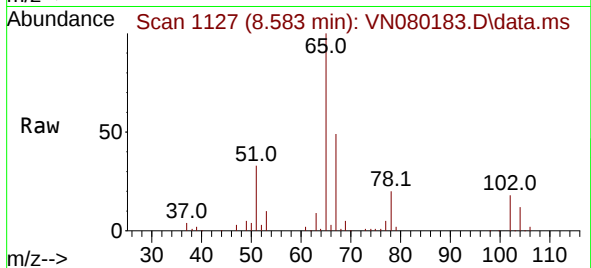
67 48.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080183.D

Acq: 18 Nov 2023 14:07

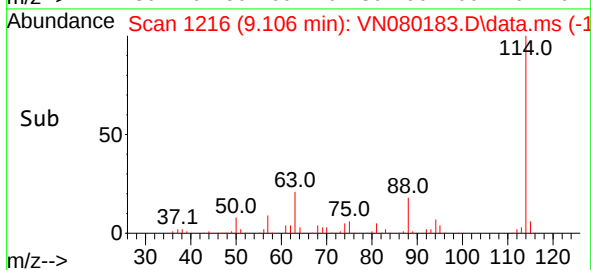
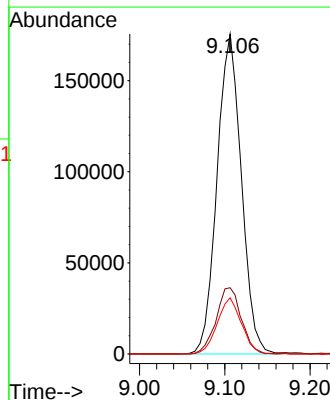
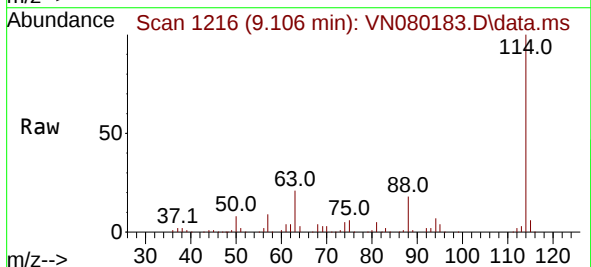
Tgt Ion:114 Resp: 347829

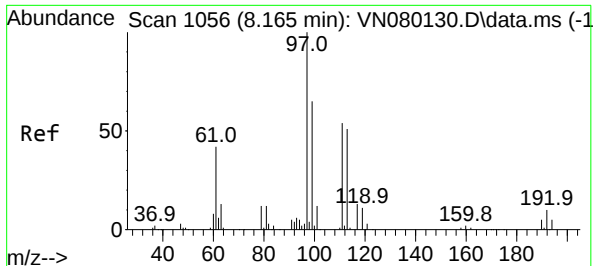
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 17.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.566 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080183.D

Acq: 18 Nov 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

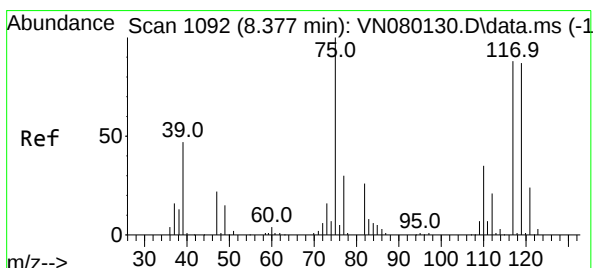
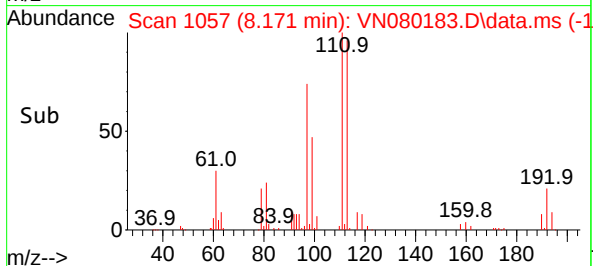
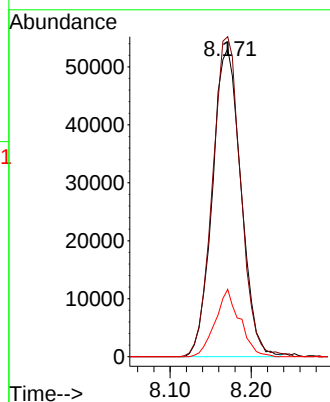
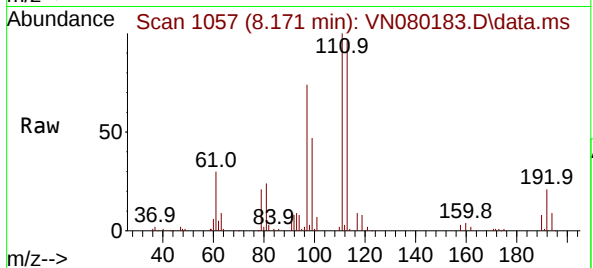
Tgt Ion:113 Resp: 129778
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 123.8
 192 18.9 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#36

1,1-Dichloropropene

Concen: 18.939 ug/l

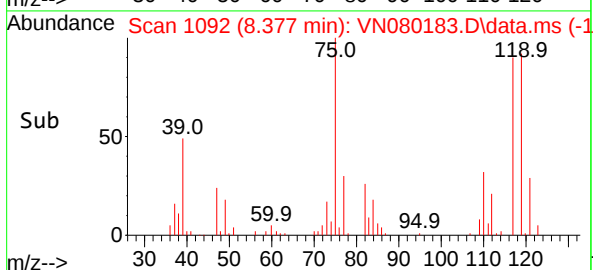
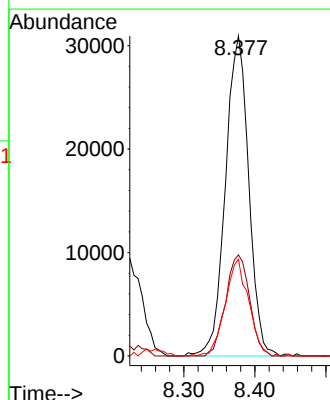
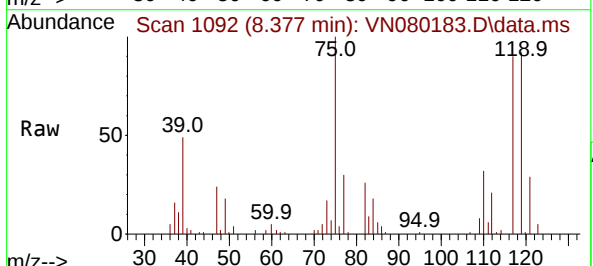
RT: 8.377 min Scan# 1092

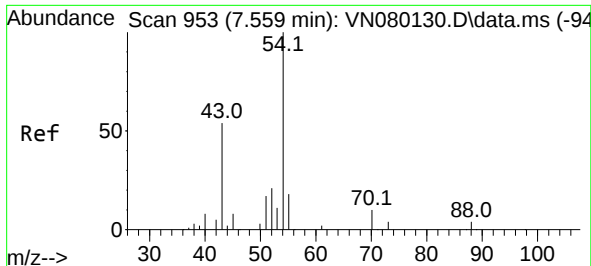
Delta R.T. 0.000 min

Lab File: VN080183.D

Acq: 18 Nov 2023 14:07

Tgt Ion: 75 Resp: 70374
 Ion Ratio Lower Upper
 75 100
 110 32.6 19.1 57.3
 77 30.5 25.0 37.4





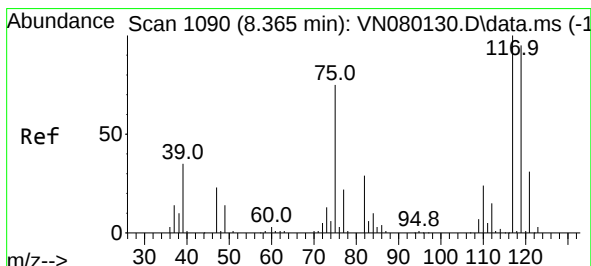
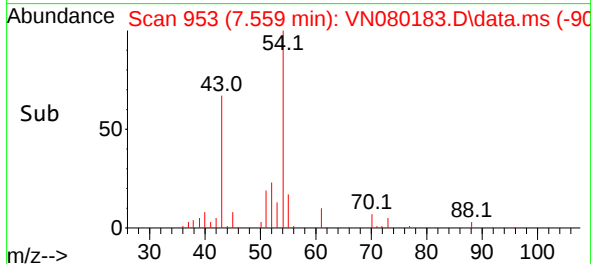
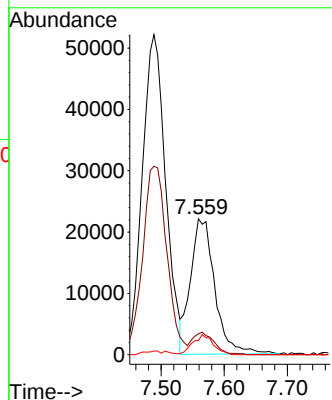
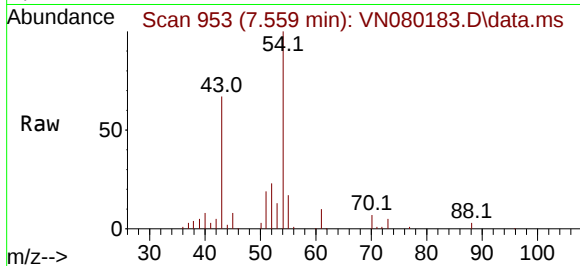
#37
Ethyl Acetate
Concen: 22.977 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 43 Resp: 5922
Ion Ratio Lower Upper
43 100
61 14.7 13.2 19.8
70 12.4 11.3 16.9

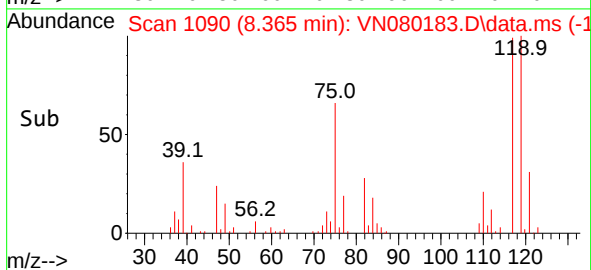
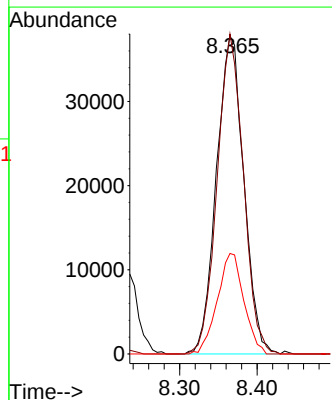
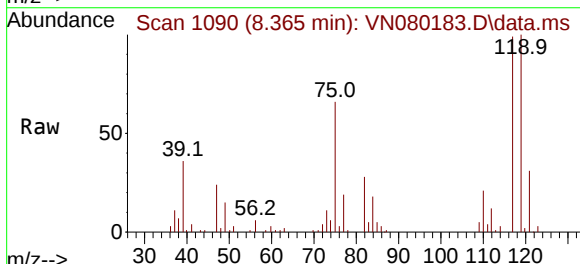
Manual Integrations
APPROVED

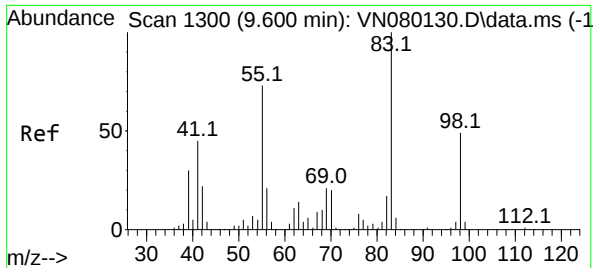
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#38
Carbon Tetrachloride
Concen: 19.682 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Tgt Ion:117 Resp: 92807
Ion Ratio Lower Upper
117 100
119 100.6 77.3 115.9
121 31.6 23.3 34.9





#39

Methylcyclohexane

Concen: 18.272 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080183.D

Acq: 18 Nov 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion: 83 Resp: 65464

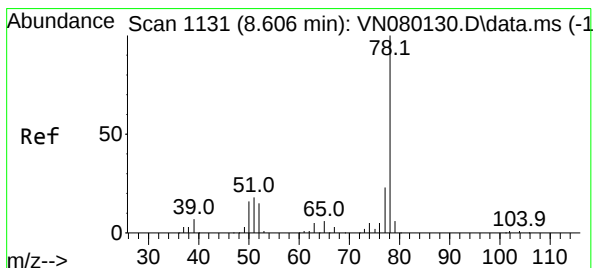
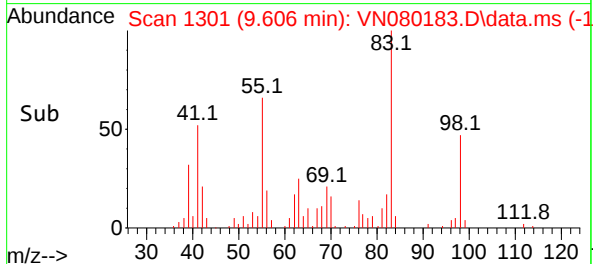
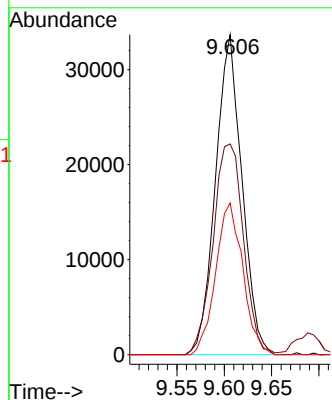
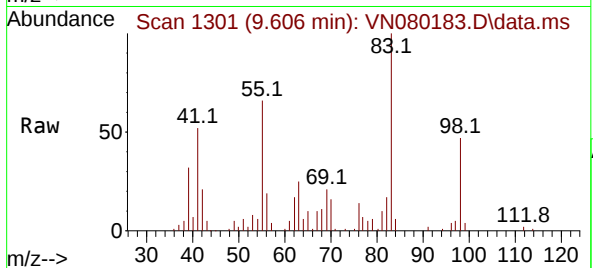
Ion	Ratio	Lower	Upper
83	100		
55	65.9	49.1	73.7
98	47.4	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#40

Benzene

Concen: 19.274 ug/l

RT: 8.606 min Scan# 1131

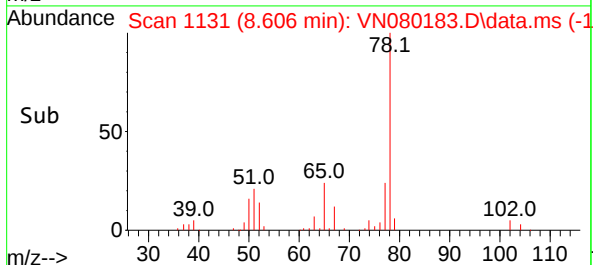
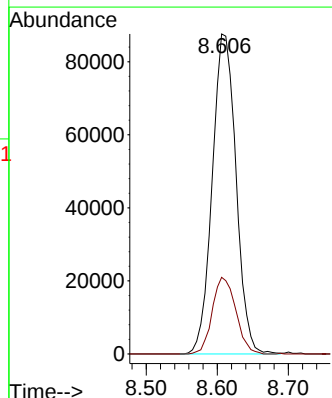
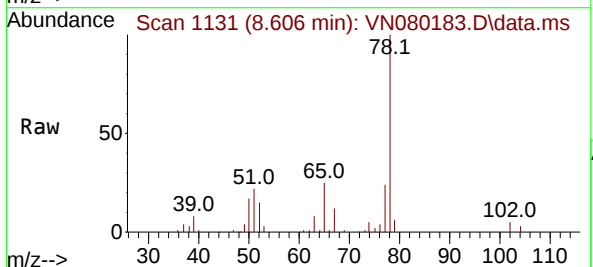
Delta R.T. 0.000 min

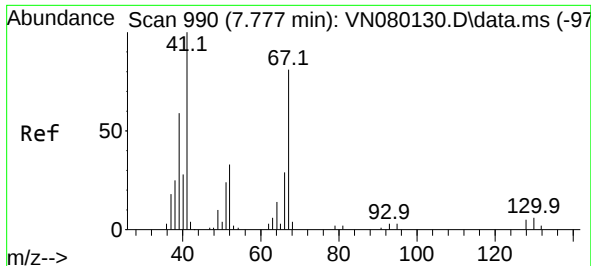
Lab File: VN080183.D

Acq: 18 Nov 2023 14:07

Tgt Ion: 78 Resp: 203552

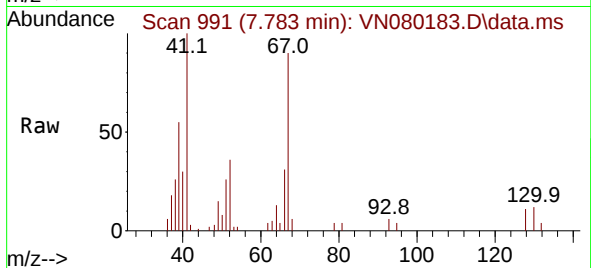
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





#41
Methacrylonitrile
Concen: 20.349 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

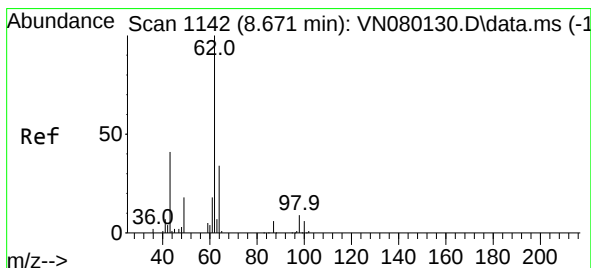
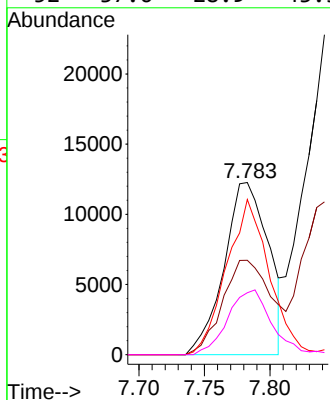
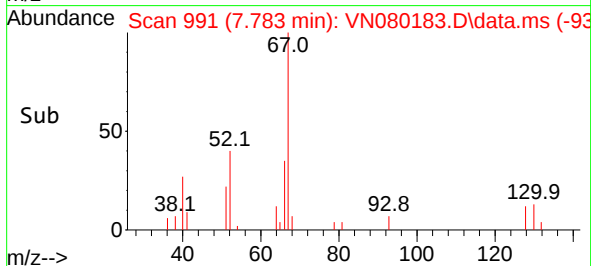
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion:	41	Resp:	2880
Ion Ratio	100	Lower	Upper
41	100		
39	61.7	42.6	64.0
67	87.7	77.5	116.3
52	37.6	28.9	43.3

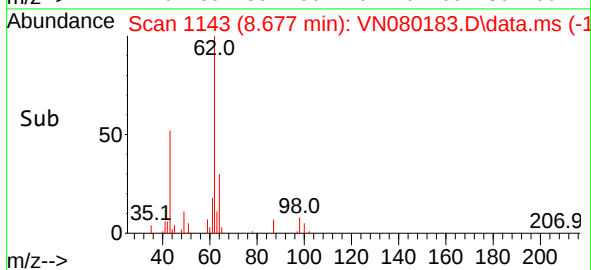
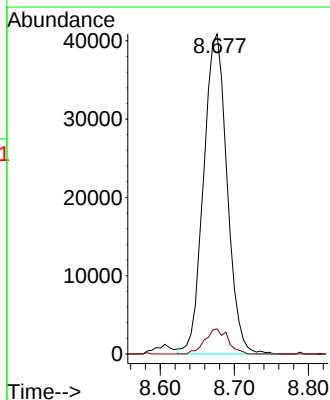
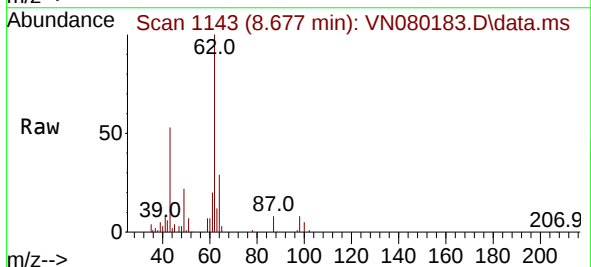
Manual Integrations
APPROVED

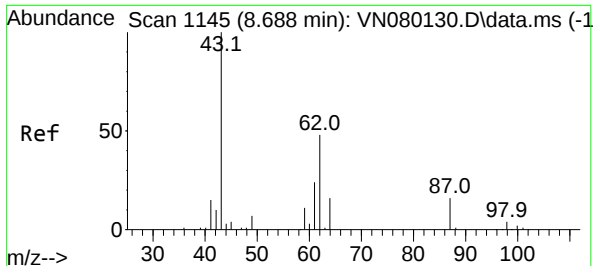
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#42
1,2-Dichloroethane
Concen: 20.830 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

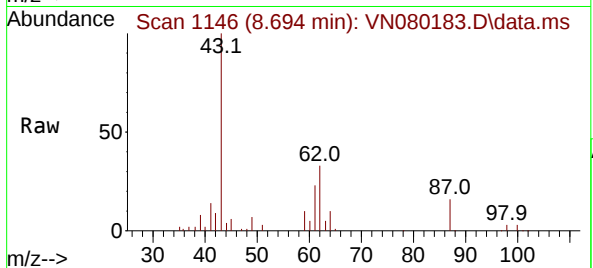
Tgt Ion:	62	Resp:	90000
Ion Ratio	100	Lower	Upper
62	100		
98	7.7	0.0	19.8





#43
Isopropyl Acetate
Concen: 20.389 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

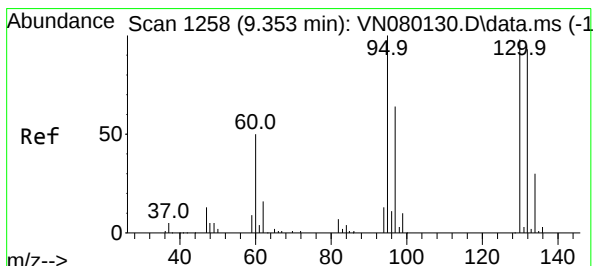
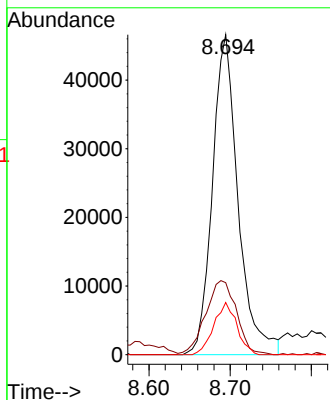
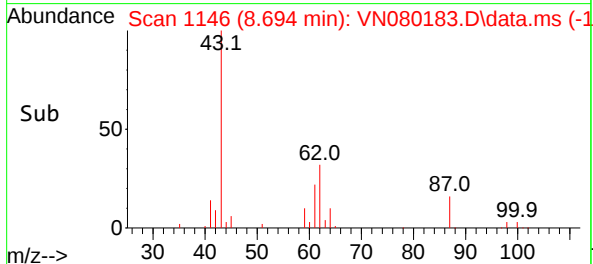
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



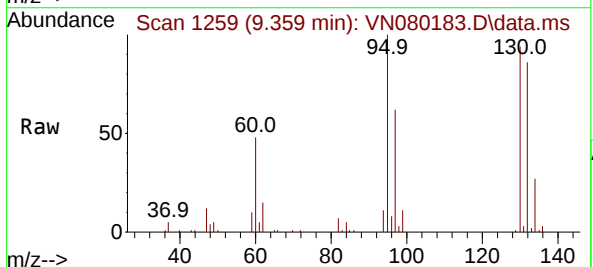
Tgt Ion: 43 Resp: 10226
Ion Ratio Lower Upper
43 100
61 27.9 24.7 37.1
87 14.7 14.6 21.8

Manual Integrations
APPROVED

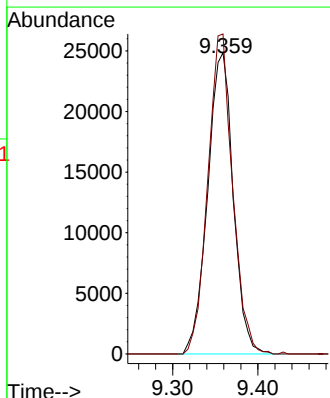
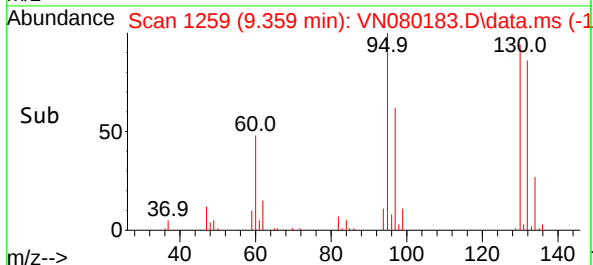
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#44
Trichloroethene
Concen: 18.697 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07



Tgt Ion:130 Resp: 51796
Ion Ratio Lower Upper
130 100
95 106.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.782 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080183.D

Acq: 18 Nov 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion: 63 Resp: 48550

Ion Ratio Lower Upper

63 100

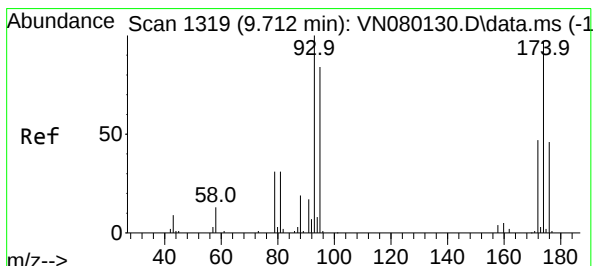
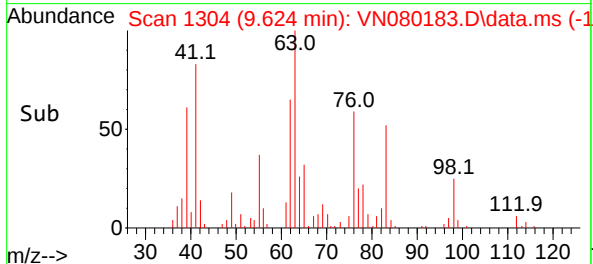
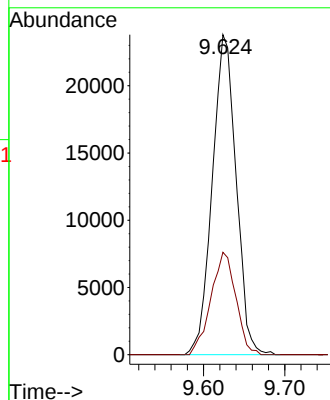
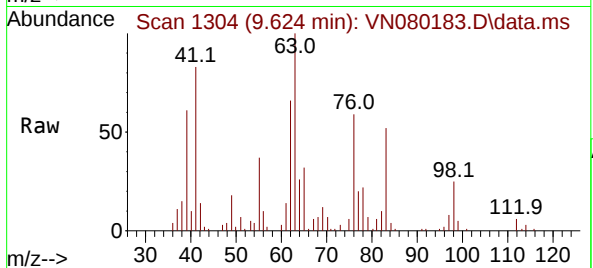
65 32.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 20.843 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080183.D

Acq: 18 Nov 2023 14:07

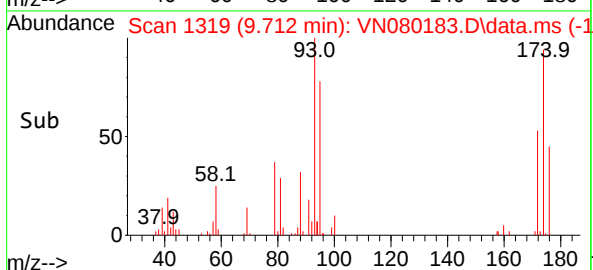
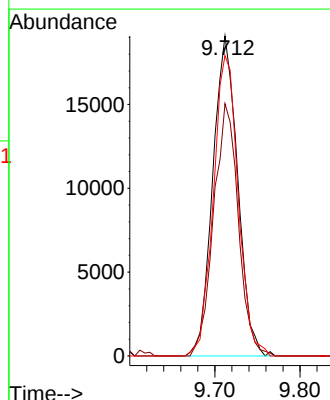
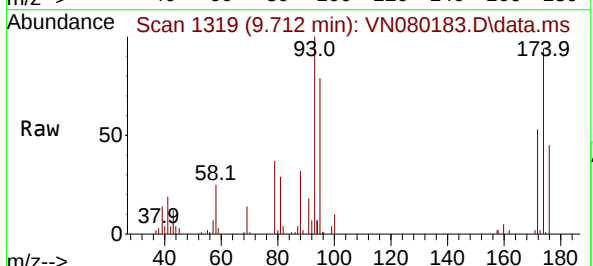
Tgt Ion: 93 Resp: 38721

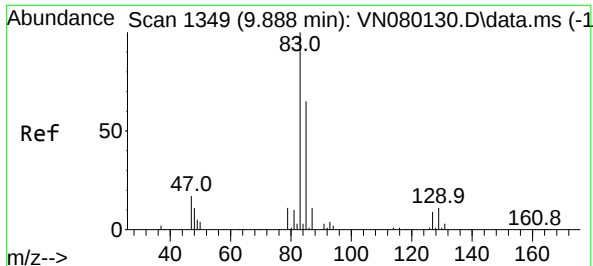
Ion Ratio Lower Upper

93 100

95 78.4 63.8 95.8

174 94.0 65.6 98.4





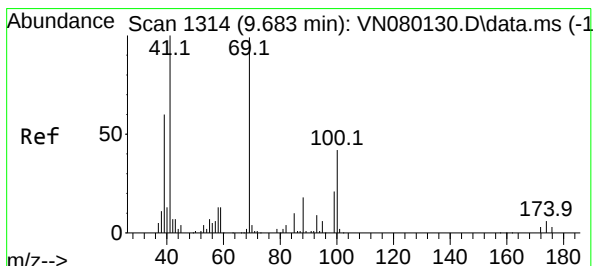
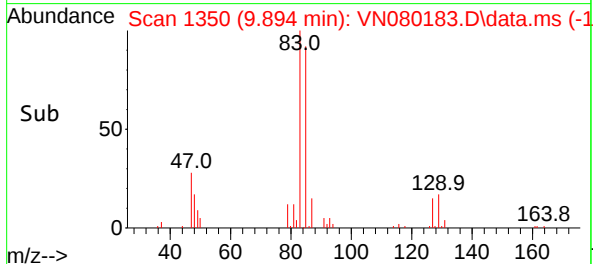
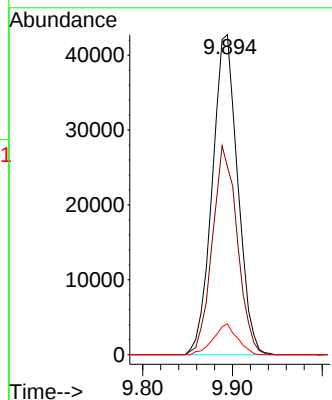
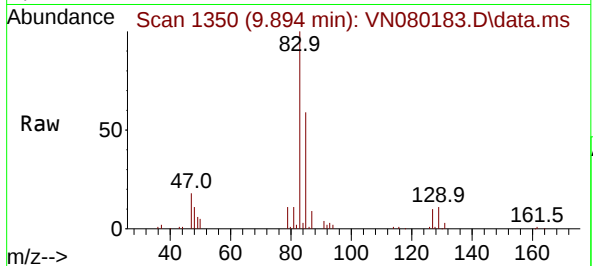
#47
Bromodichloromethane
Concen: 20.587 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 83 Resp: 8413
Ion Ratio Lower Upper
83 100
85 58.7 49.6 74.4
127 9.6 7.0 10.6

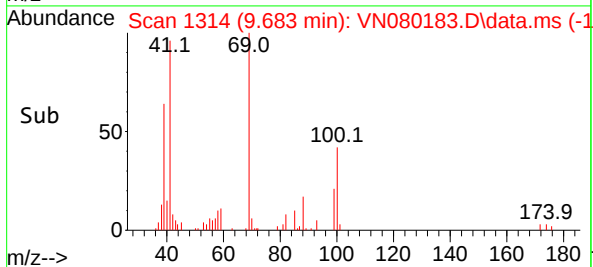
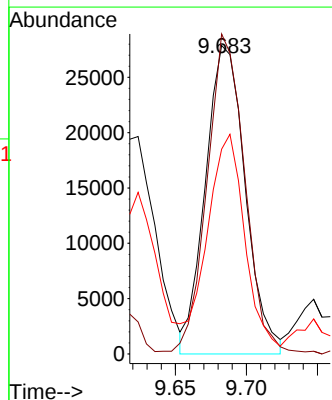
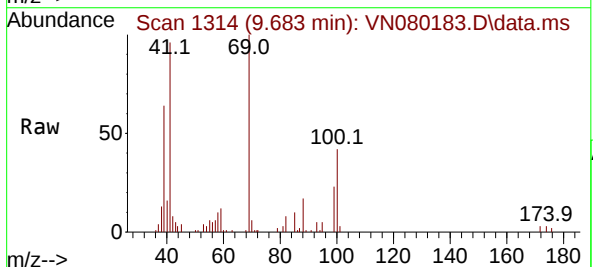
Manual Integrations
APPROVED

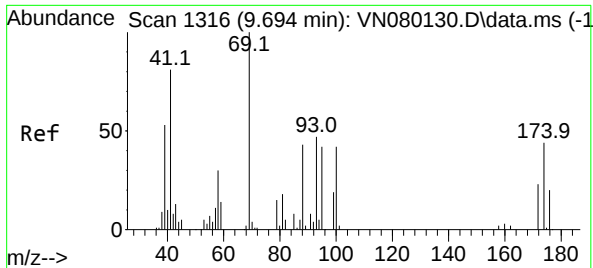
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#48
Methyl methacrylate
Concen: 21.084 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Tgt Ion: 41 Resp: 54496
Ion Ratio Lower Upper
41 100
69 97.9 90.4 135.6
39 67.8 54.6 81.8





#49

1,4-Dioxane

Concen: 491.185 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080183.D

Acq: 18 Nov 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion: 88 Resp: 2112

Ion Ratio Lower Upper

88 100

43 30.4 17.0 25.6

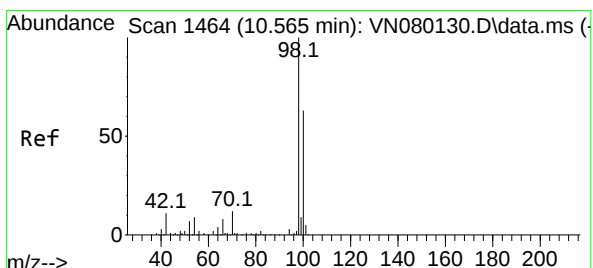
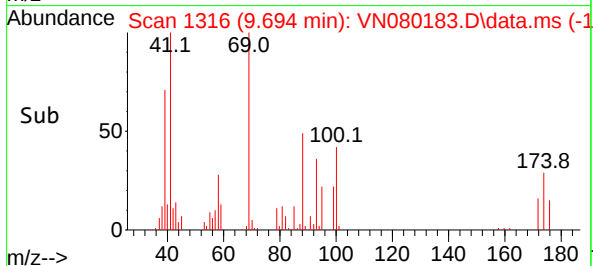
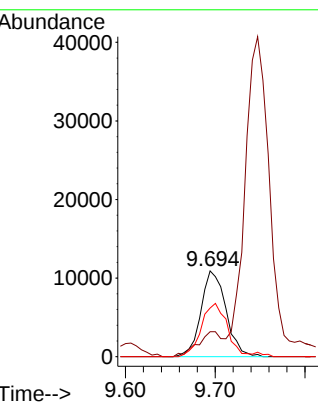
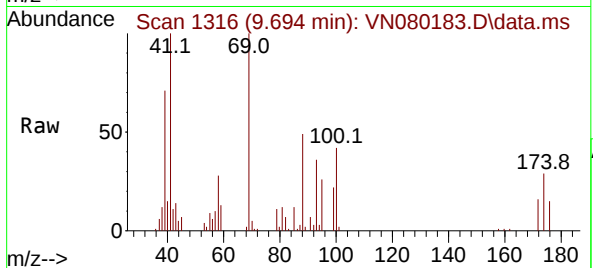
58 64.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#50

Toluene-d8

Concen: 51.584 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080183.D

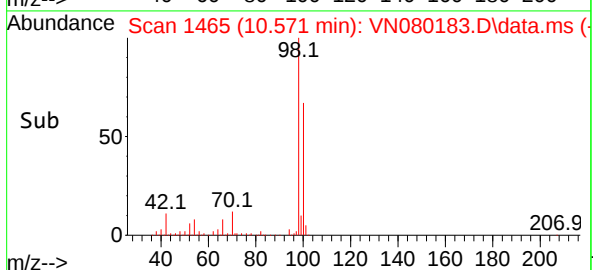
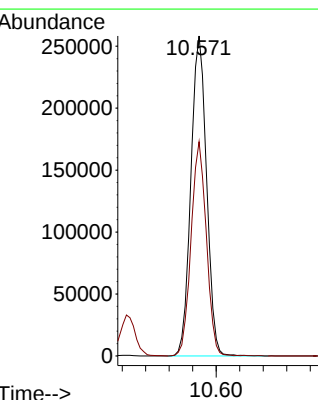
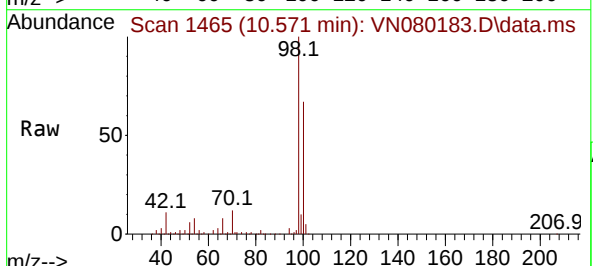
Acq: 18 Nov 2023 14:07

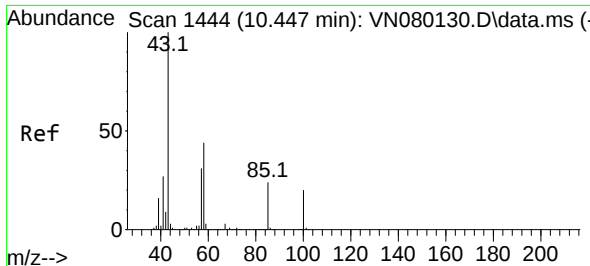
Tgt Ion: 98 Resp: 477247

Ion Ratio Lower Upper

98 100

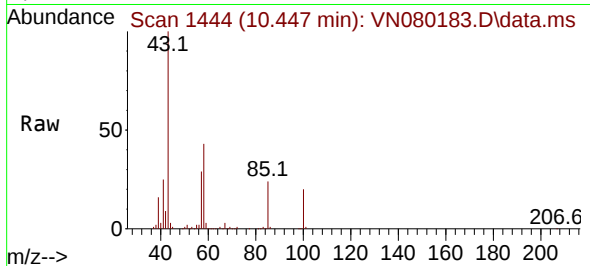
100 65.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 113.768 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

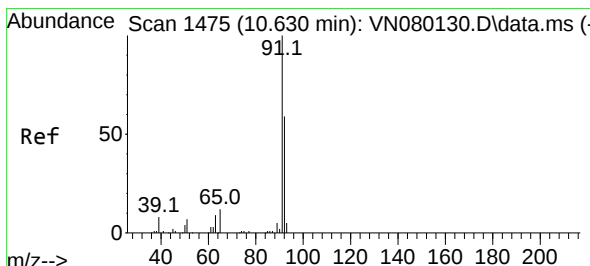
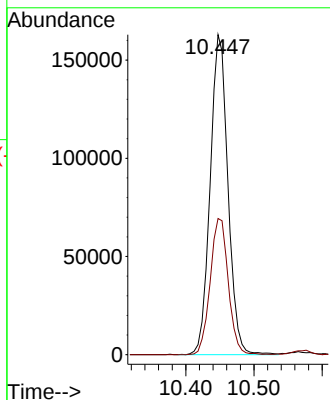
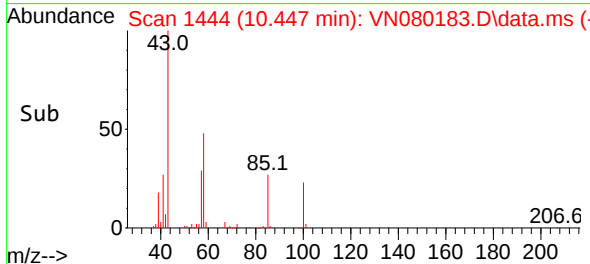
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 43 Resp: 29542
Ion Ratio Lower Upper
43 100
58 43.3 36.6 54.8

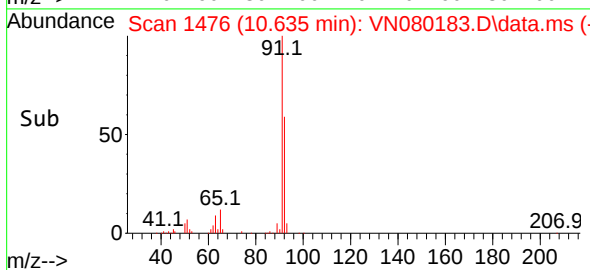
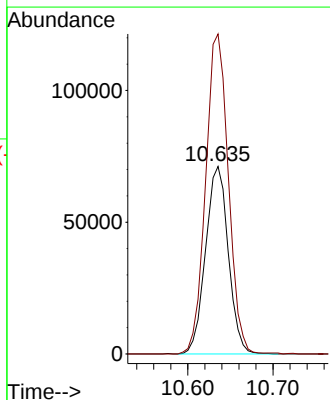
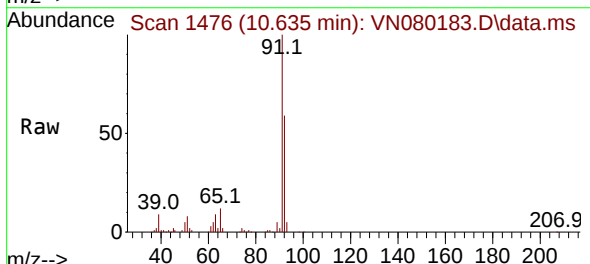
Manual Integrations
APPROVED

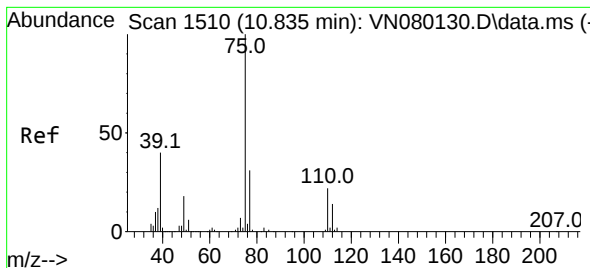
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 19.959 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Tgt Ion: 92 Resp: 131915
Ion Ratio Lower Upper
92 100
91 170.6 137.4 206.0





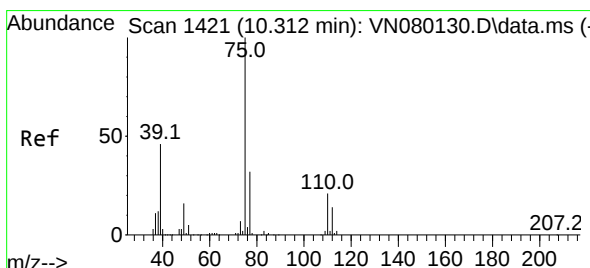
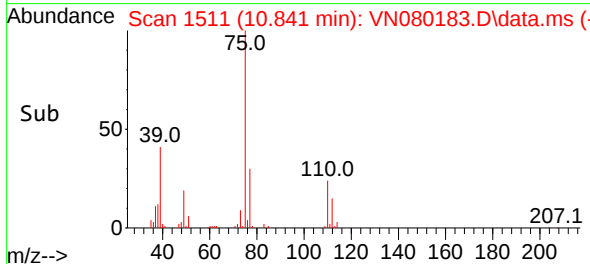
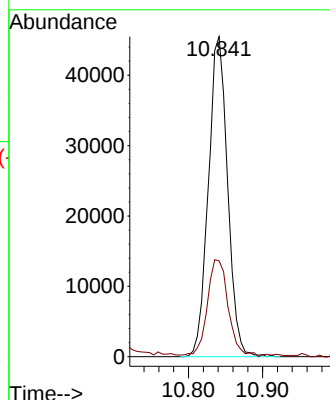
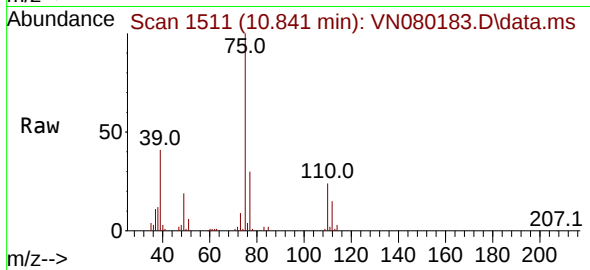
#53
t-1,3-Dichloropropene
Concen: 19.518 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 75 Resp: 8195
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.0

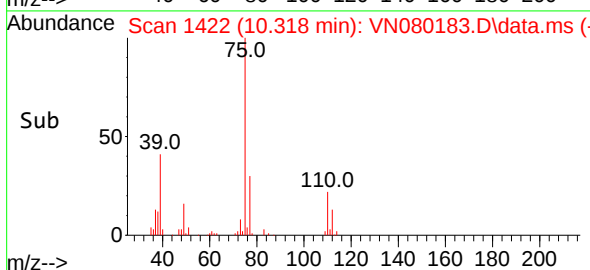
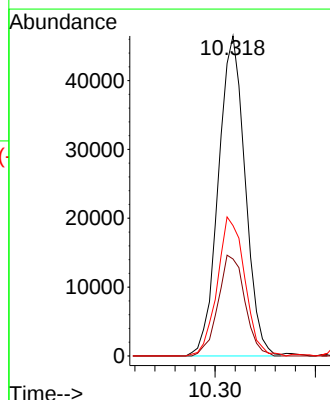
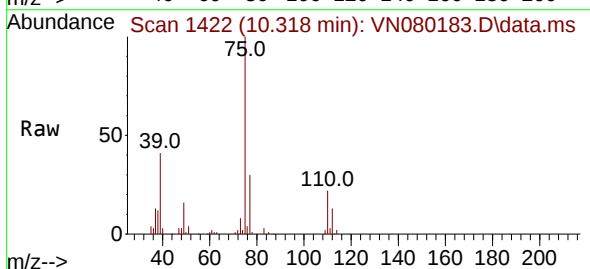
Manual Integrations
APPROVED

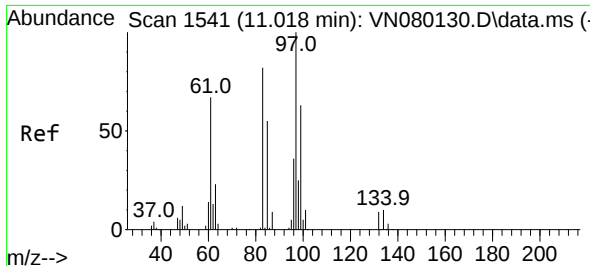
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#54
cis-1,3-Dichloropropene
Concen: 20.095 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

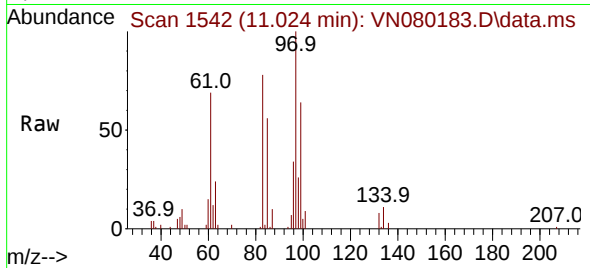
Tgt Ion: 75 Resp: 86200
Ion Ratio Lower Upper
75 100
77 30.3 26.1 39.1
39 40.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.511 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

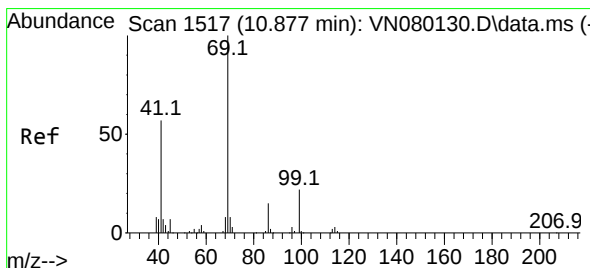
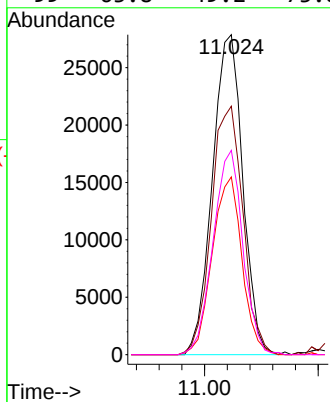
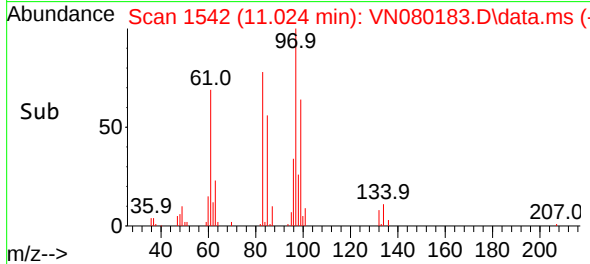
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



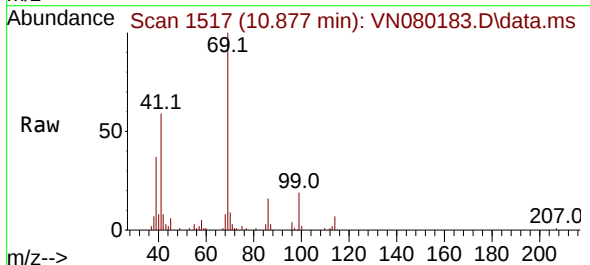
Tgt Ion:	97	Resp:	51739
Ion Ratio	100	Lower	Upper
97	100		
83	77.6	65.1	97.7
85	55.5	43.4	65.2
99	63.8	49.2	73.8

Manual Integrations
APPROVED

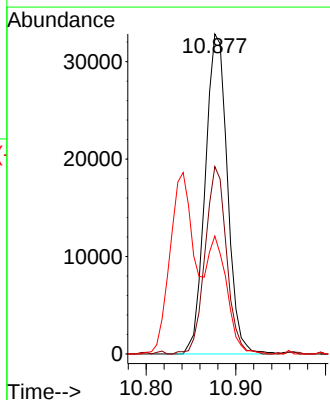
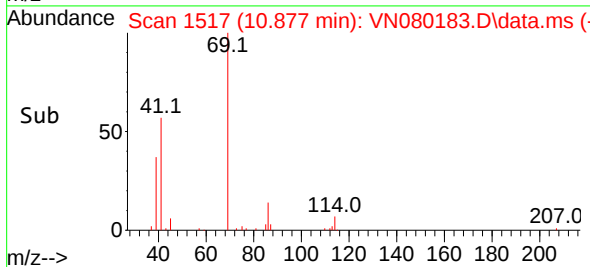
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

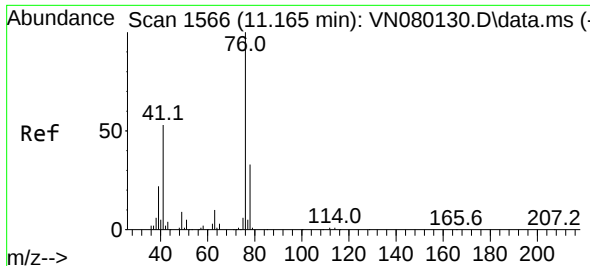


#56
Ethyl methacrylate
Concen: 21.890 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07



Tgt Ion:	69	Resp:	56410
Ion Ratio	100	Lower	Upper
69	100		
41	56.9	39.6	59.4
39	30.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.350 ug/l

RT: 11.171 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080183.D

Acq: 18 Nov 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion: 76 Resp: 89620

Ion Ratio Lower Upper

76 100

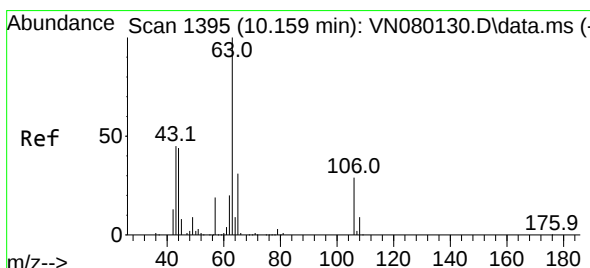
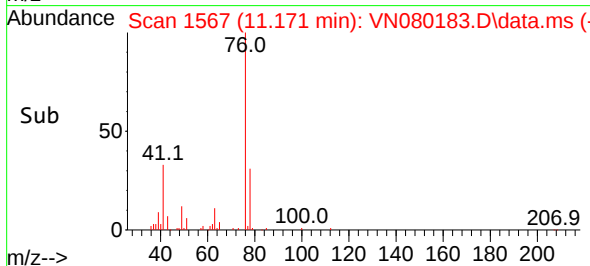
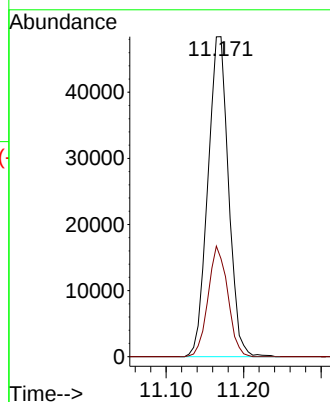
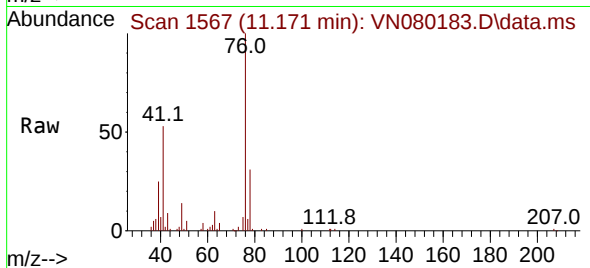
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 110.214 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080183.D

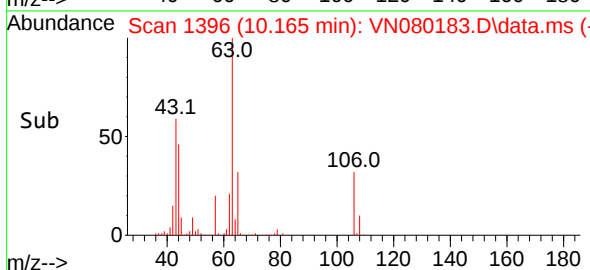
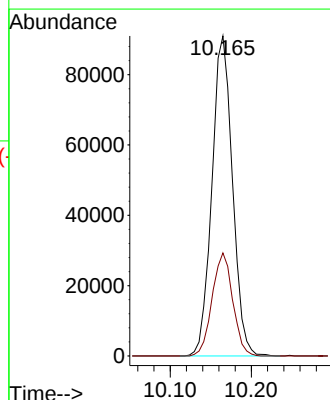
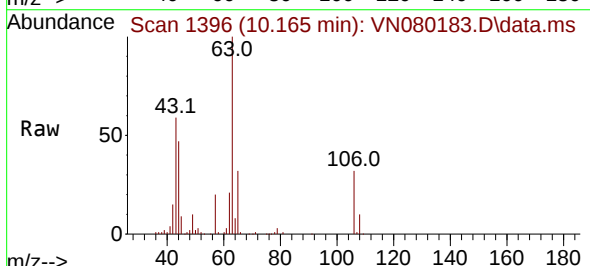
Acq: 18 Nov 2023 14:07

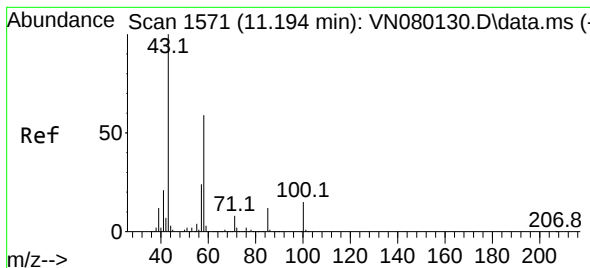
Tgt Ion: 63 Resp: 160008

Ion Ratio Lower Upper

63 100

106 32.2 26.2 39.4





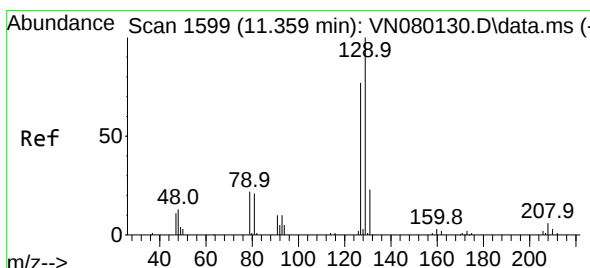
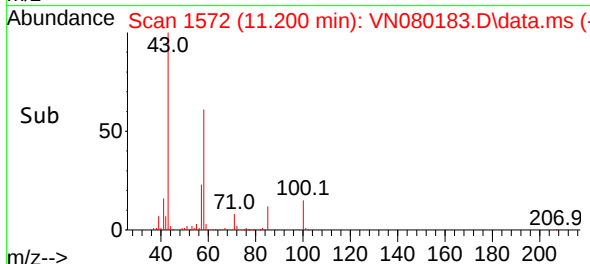
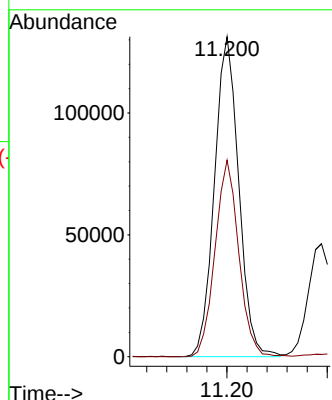
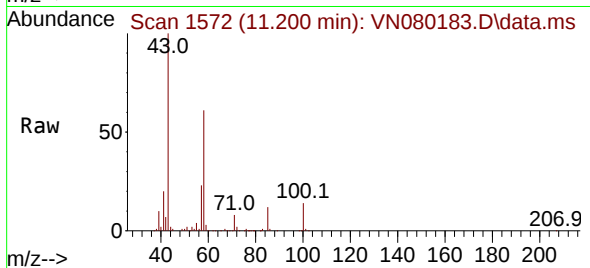
#59
2-Hexanone
Concen: 105.685 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 43 Resp: 22052
Ion Ratio Lower Upper
43 100
58 60.0 31.7 95.1

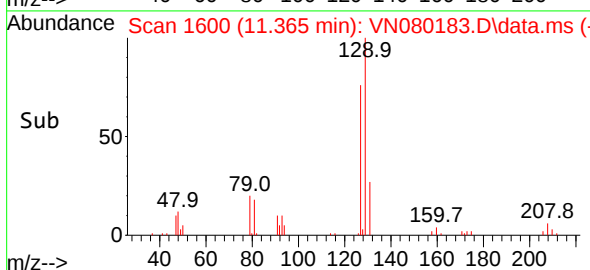
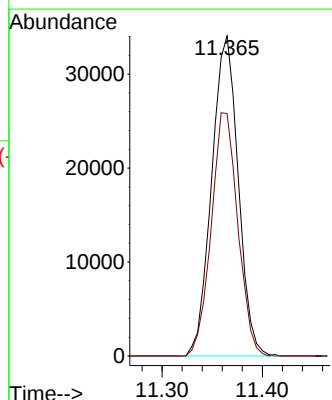
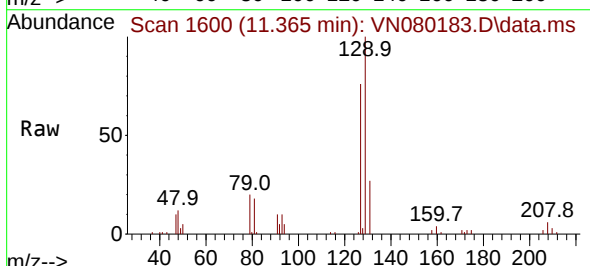
Manual Integrations
APPROVED

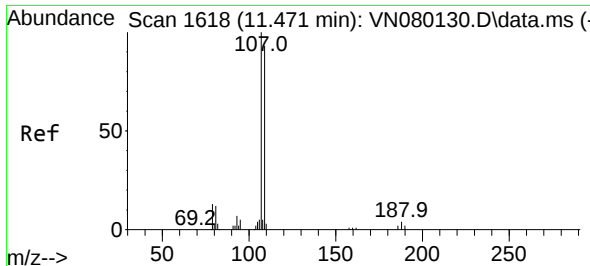
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 20.729 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Tgt Ion:129 Resp: 62601
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0





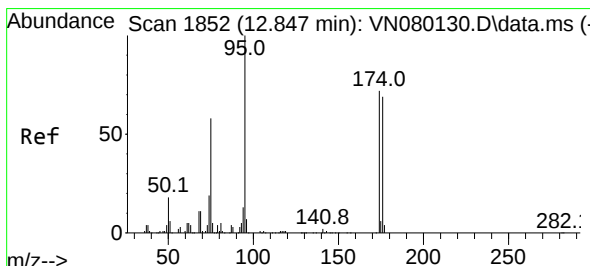
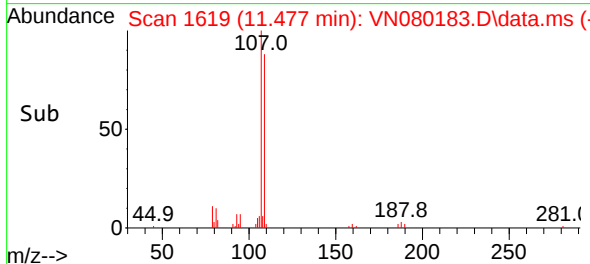
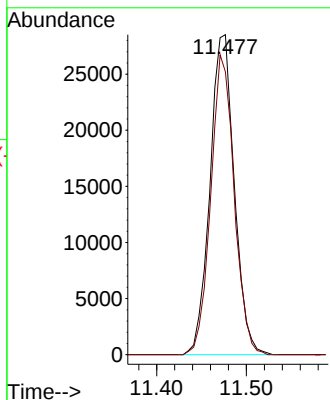
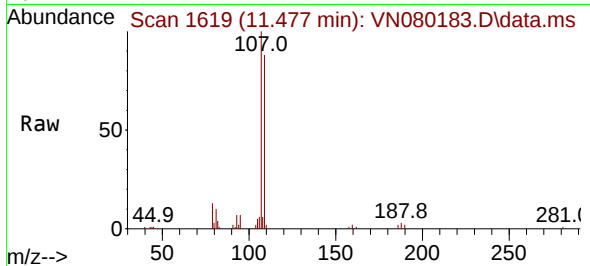
#61
1,2-Dibromoethane
Concen: 20.865 ug/l
RT: 11.477 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion:107 Resp: 53694
Ion Ratio Lower Upper
107 100
109 90.0 76.6 114.8

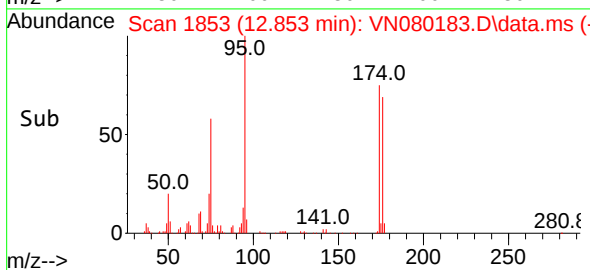
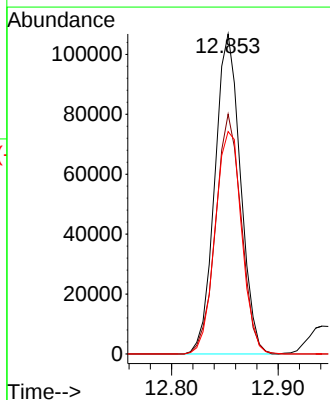
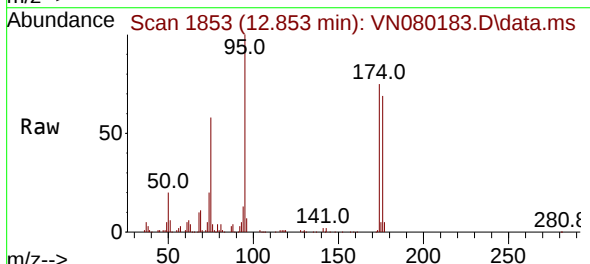
Manual Integrations
APPROVED

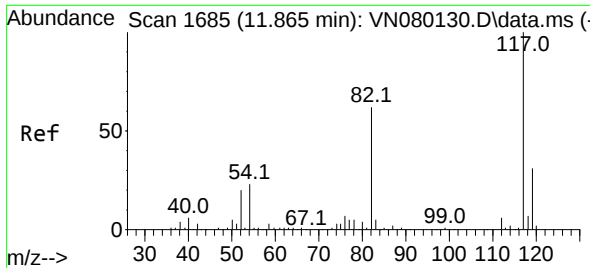
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#62
4-Bromofluorobenzene
Concen: 51.033 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

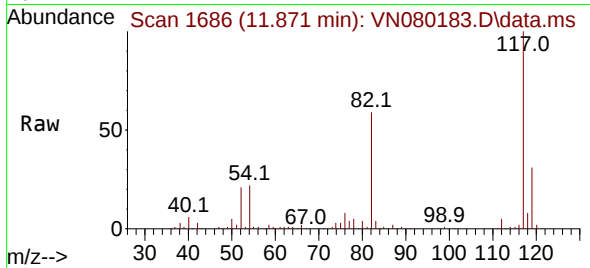
Tgt Ion: 95 Resp: 178339
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 72.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

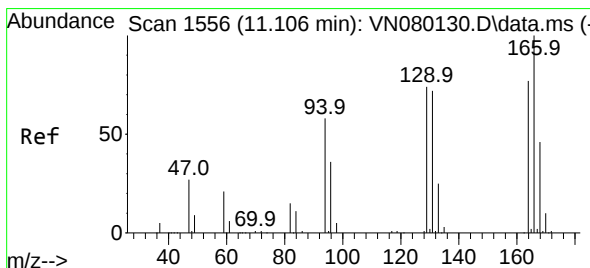
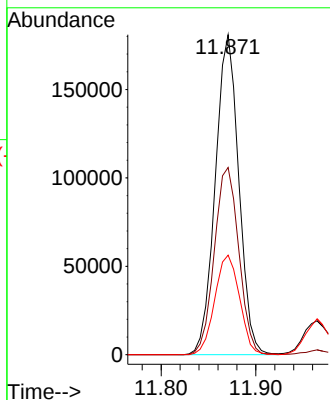
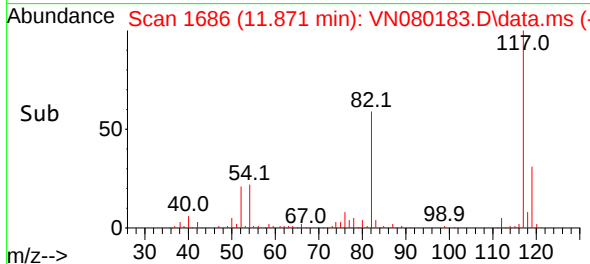
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion:117 Resp: 312398
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 31.1 25.6 38.4

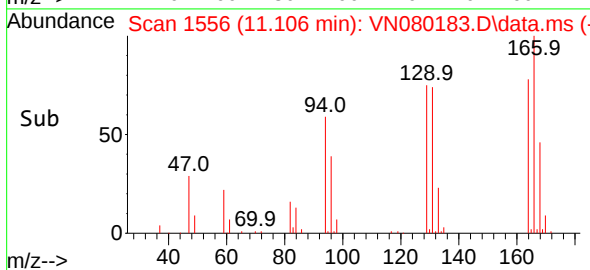
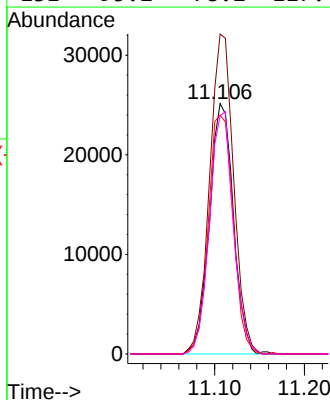
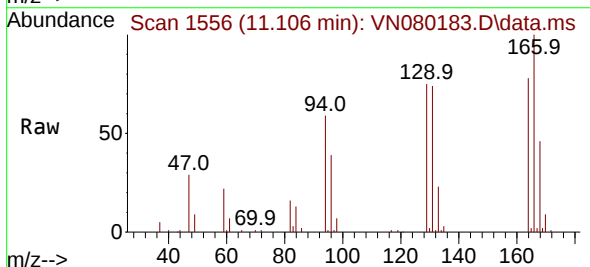
Manual Integrations
APPROVED

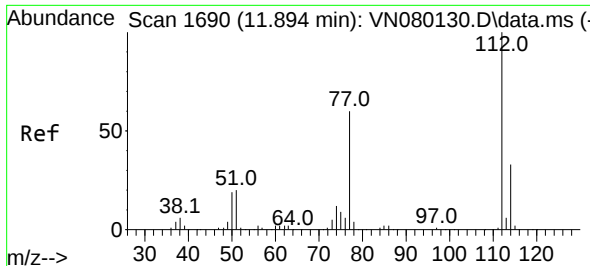
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#64
Tetrachloroethene
Concen: 19.601 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

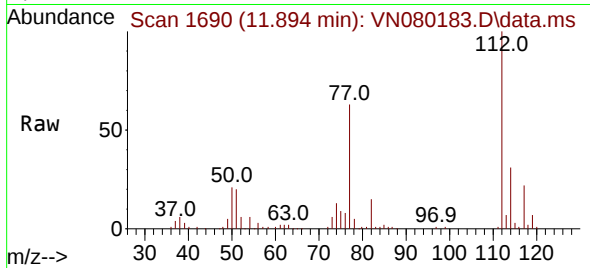
Tgt Ion:164 Resp: 46732
Ion Ratio Lower Upper
164 100
166 127.8 101.4 152.0
129 95.4 82.4 123.6
131 95.2 78.2 117.4





#65
Chlorobenzene
Concen: 19.496 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

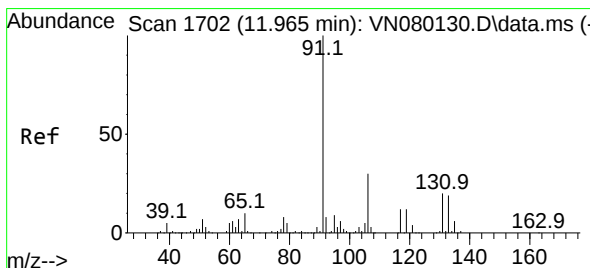
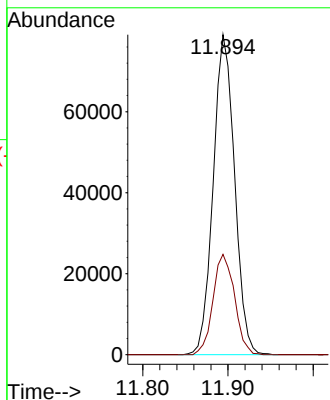
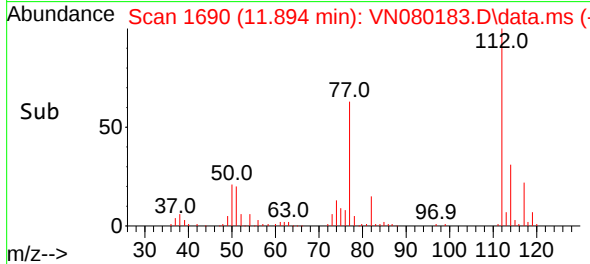
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion:112 Resp: 138000
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

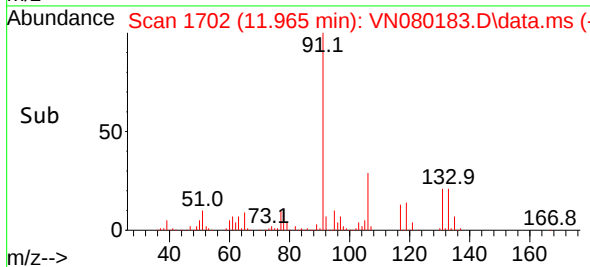
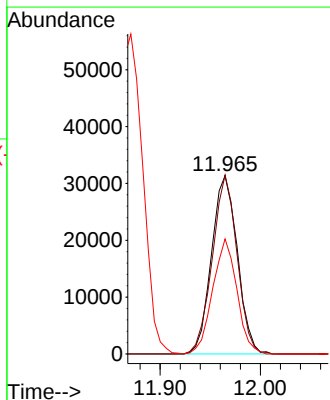
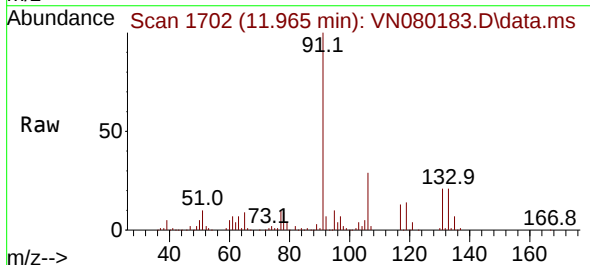
Manual Integrations
APPROVED

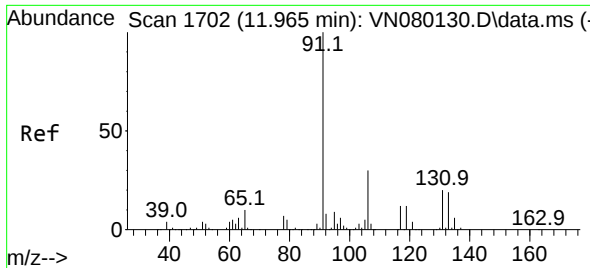
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.434 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

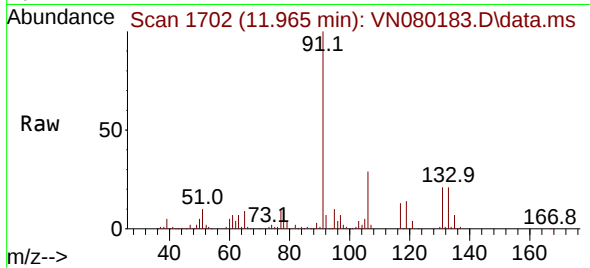
Tgt Ion:131 Resp: 56131
Ion Ratio Lower Upper
131 100
133 96.2 46.4 139.1
119 60.4 34.1 102.2





#67
Ethyl Benzene
Concen: 19.829 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

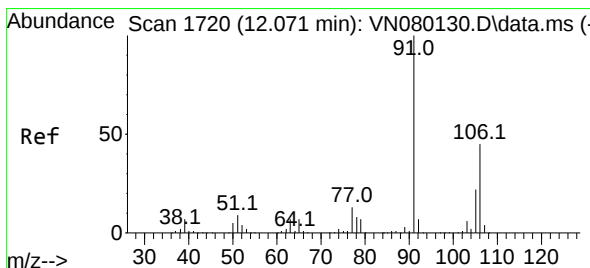
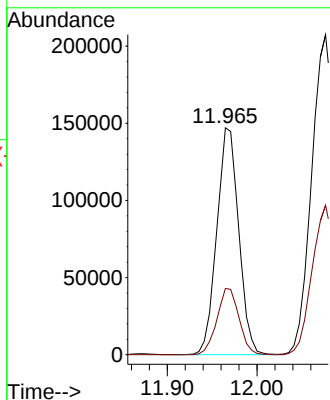
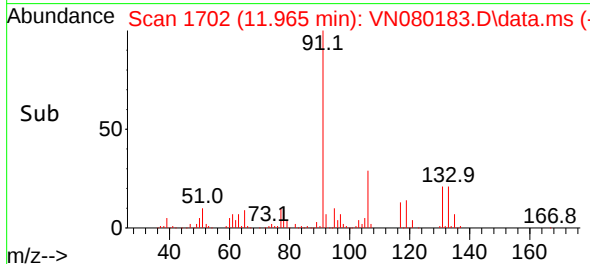
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



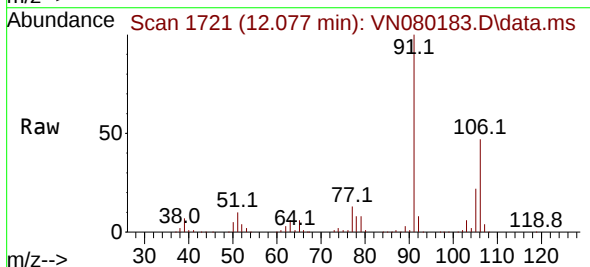
Tgt Ion: 91 Resp: 249770
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4

Manual Integrations
APPROVED

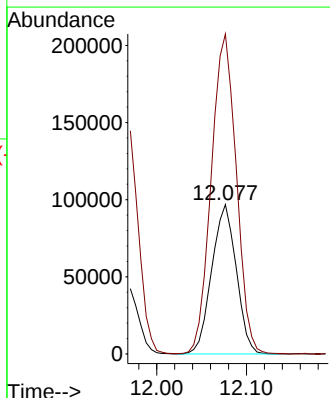
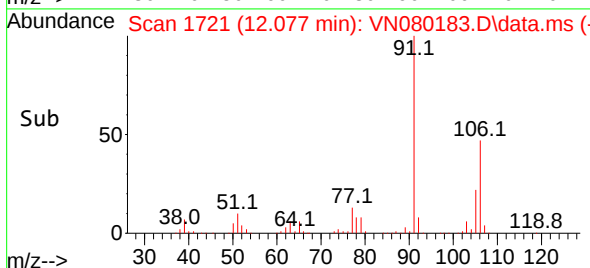
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

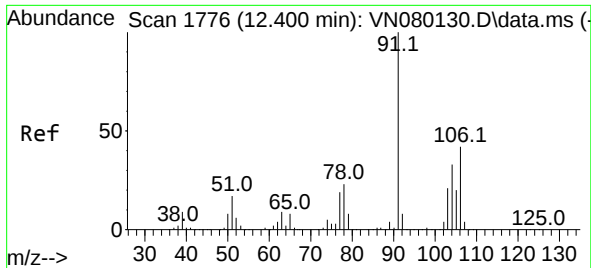


#68
m/p-Xylenes
Concen: 40.008 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07



Tgt Ion:106 Resp: 183741
Ion Ratio Lower Upper
106 100
91 218.9 159.6 239.4





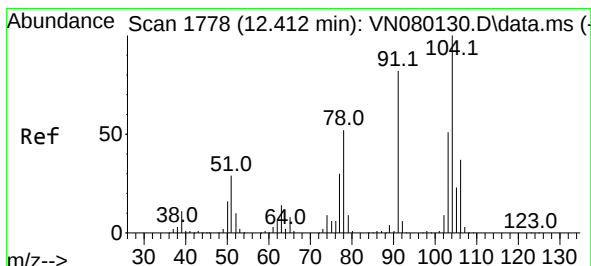
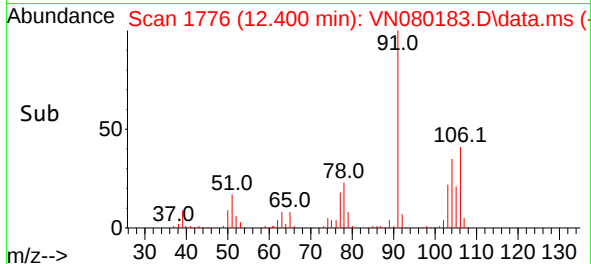
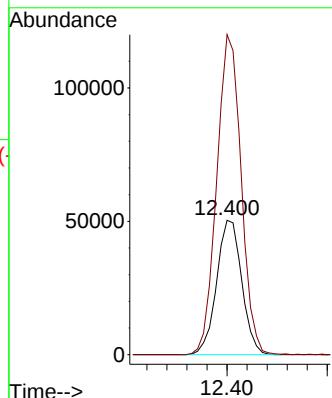
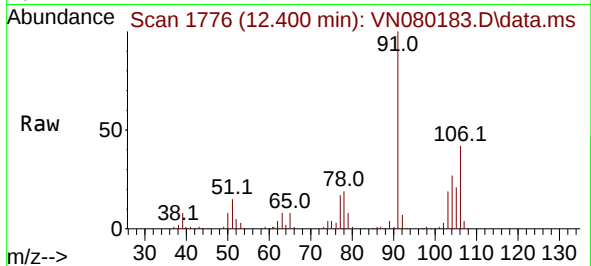
#69
o-Xylene
Concen: 20.240 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion:106 Resp: 87602
Ion Ratio Lower Upper
106 100
91 231.8 105.2 315.5

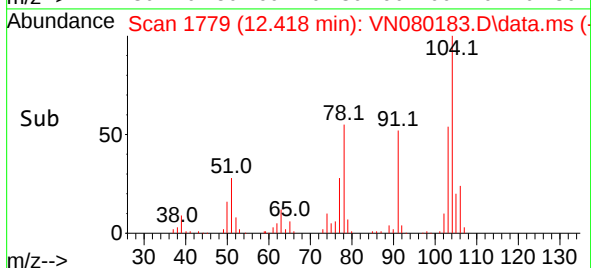
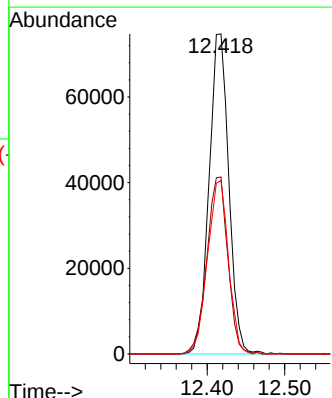
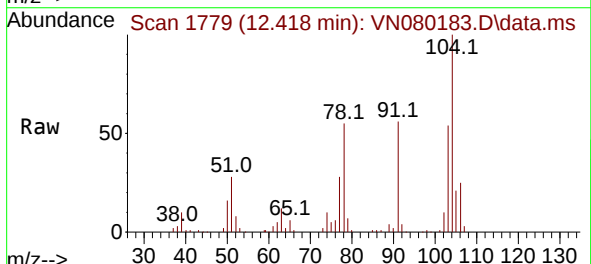
Manual Integrations
APPROVED

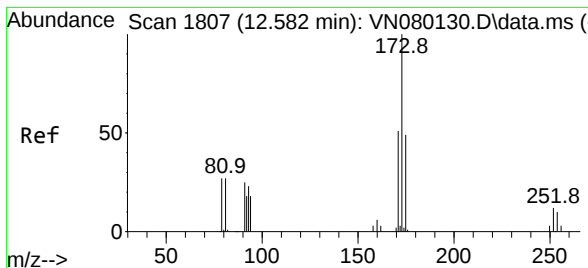
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 20.495 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

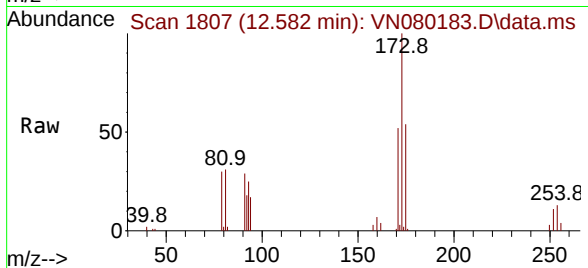
Tgt Ion:104 Resp: 132028
Ion Ratio Lower Upper
104 100
78 58.9 39.5 59.3
103 57.5 43.2 64.8





#71
Bromoform
Concen: 21.612 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

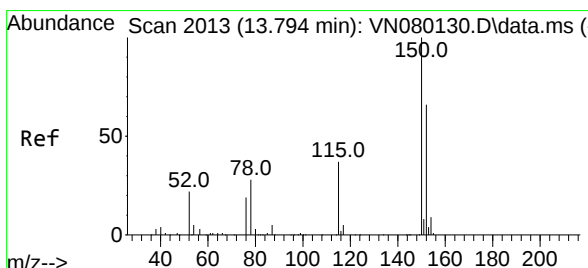
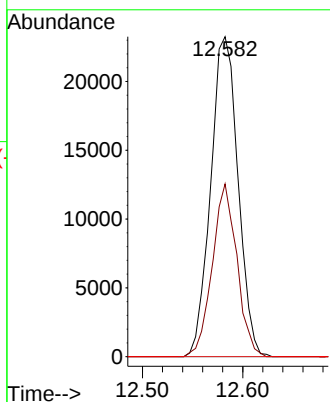
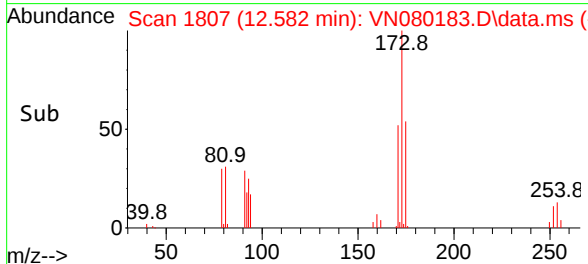
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



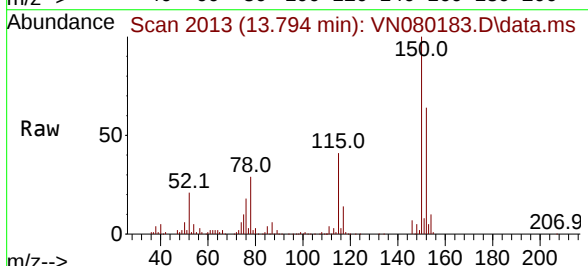
Tgt Ion:173 Resp: 44020
Ion Ratio Lower Upper
173 100
175 48.7 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

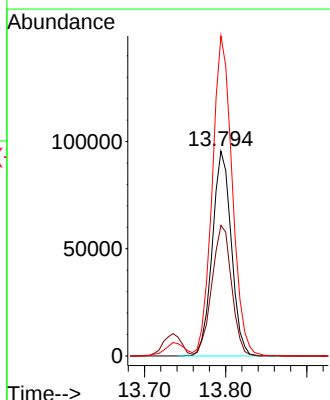
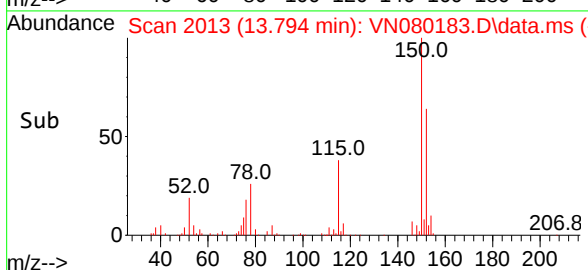
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

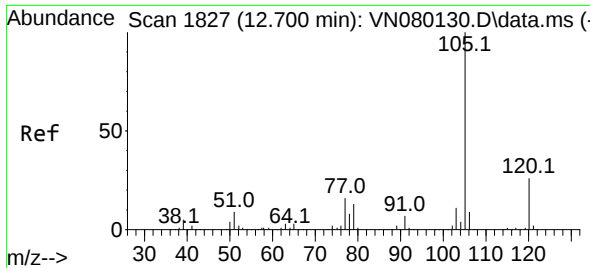


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07



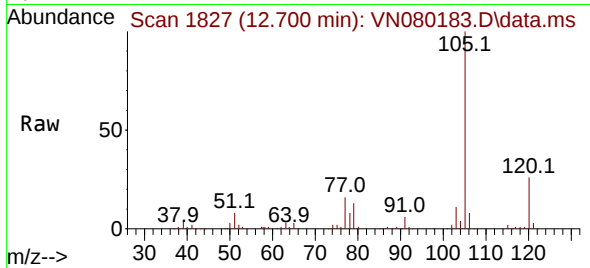
Tgt Ion:152 Resp: 155451
Ion Ratio Lower Upper
152 100
115 66.3 32.3 96.8
150 164.4 0.0 355.8





#73
Isopropylbenzene
Concen: 19.684 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

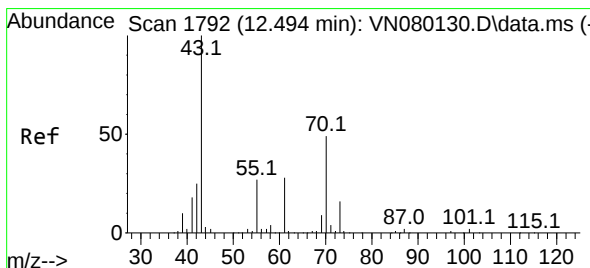
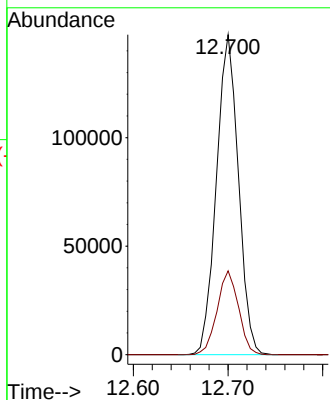
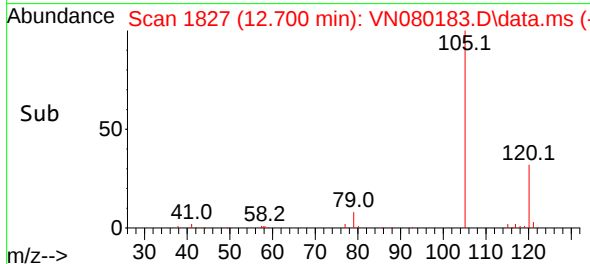
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



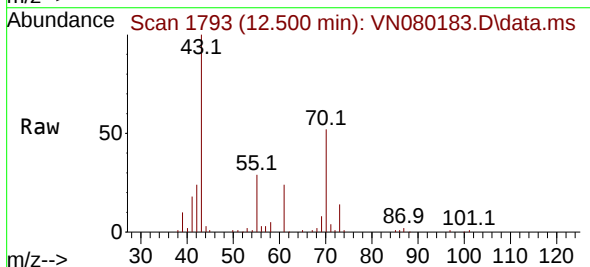
Tgt Ion:105 Resp: 23777
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1

Manual Integrations
APPROVED

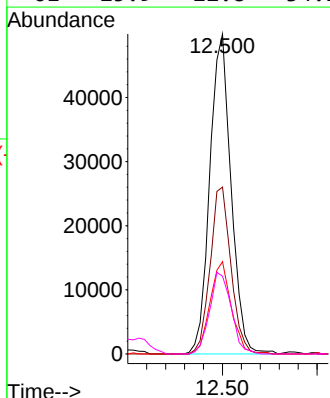
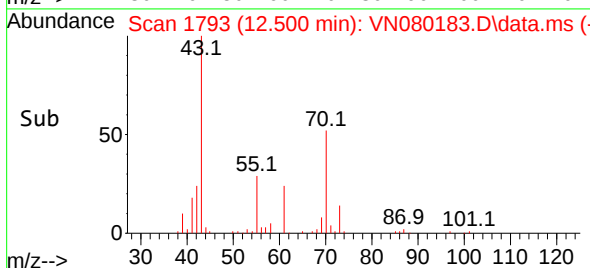
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

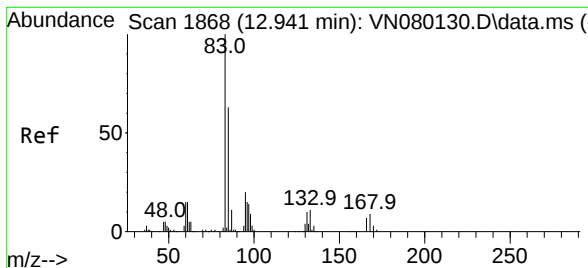


#74
N-ethyl acetate
Concen: 20.628 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07



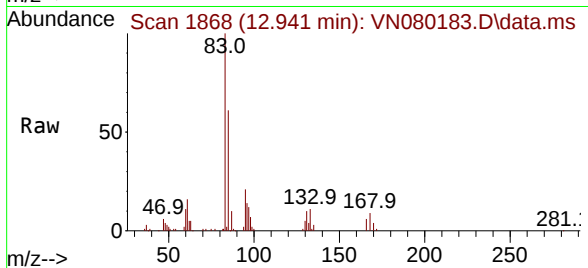
Tgt Ion: 43 Resp: 77704
Ion Ratio Lower Upper
43 100
70 51.1 43.4 65.2
55 28.8 21.4 32.0
61 25.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.431 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

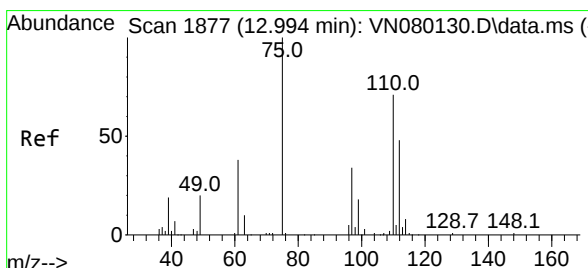
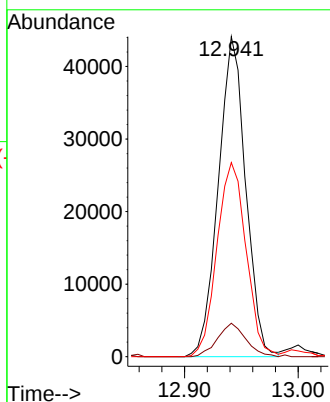
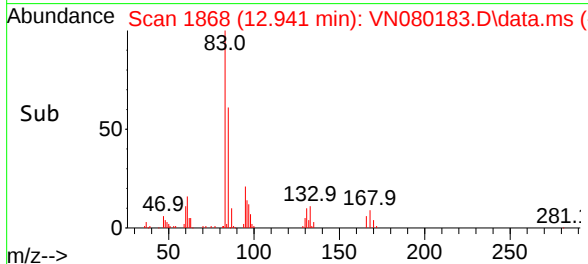
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



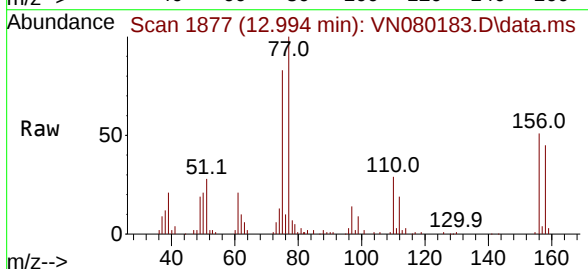
Tgt Ion: 83 Resp: 7386
Ion Ratio Lower Upper
83 100
131 10.9 5.0 15.0
85 64.5 31.9 95.7

Manual Integrations
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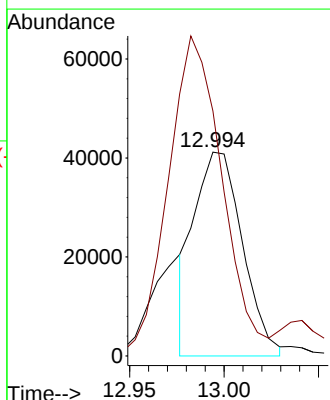
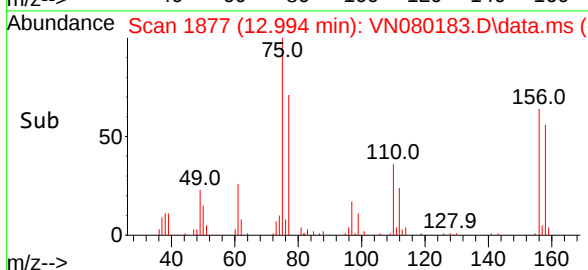
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

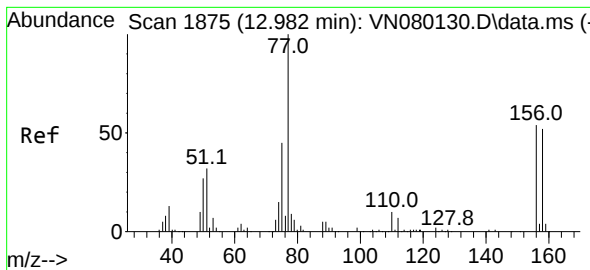


#76
1,2,3-Trichloropropane
Concen: 19.163 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07



Tgt Ion: 75 Resp: 72990
Ion Ratio Lower Upper
75 100
77 176.6 84.5 253.5





#77

Bromobenzene

Concen: 19.566 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080183.D

Acq: 18 Nov 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

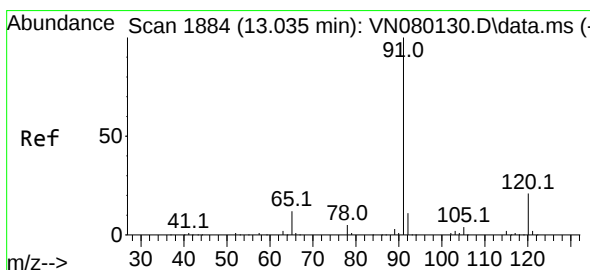
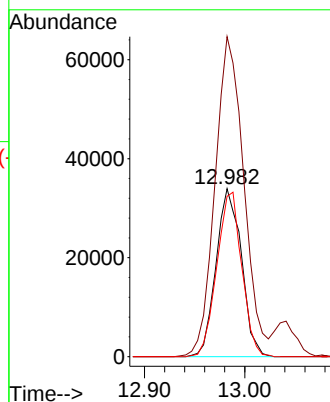
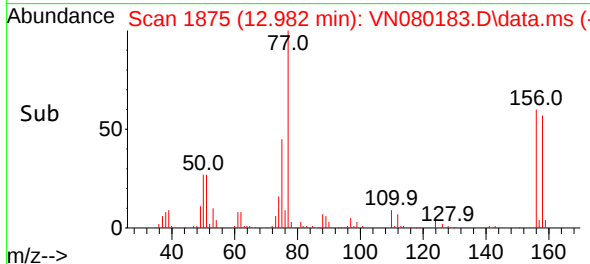
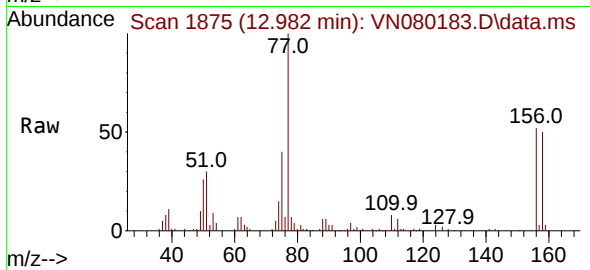
Tgt Ion:156 Resp: 59590
 Ion Ratio Lower Upper
 156 100
 77 216.3 107.7 323.3
 158 96.2 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 19.640 ug/l

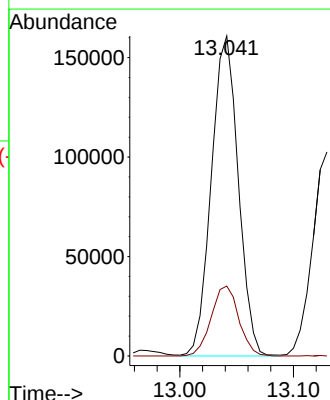
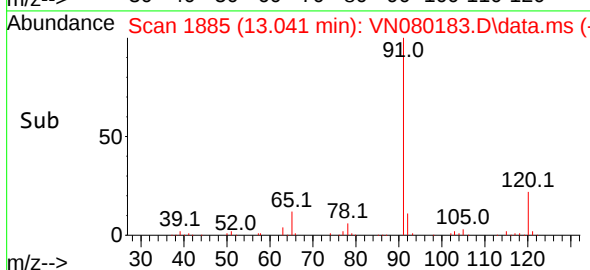
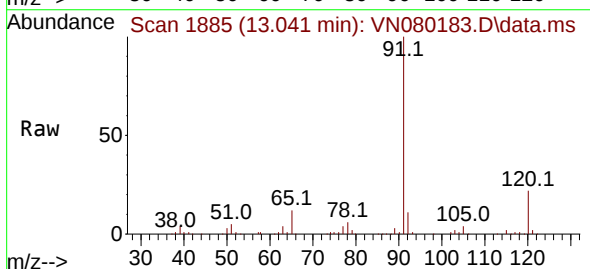
RT: 13.041 min Scan# 1885

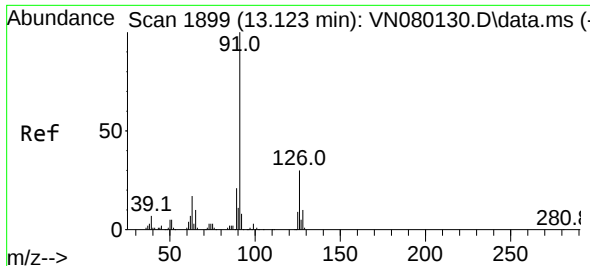
Delta R.T. 0.006 min

Lab File: VN080183.D

Acq: 18 Nov 2023 14:07

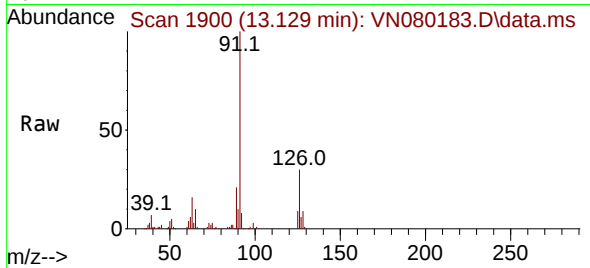
Tgt Ion: 91 Resp: 265298
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.814 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

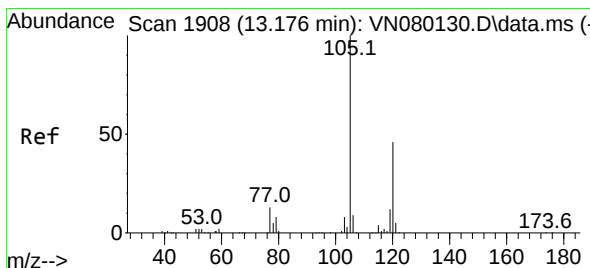
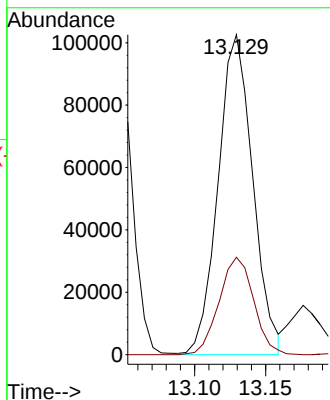
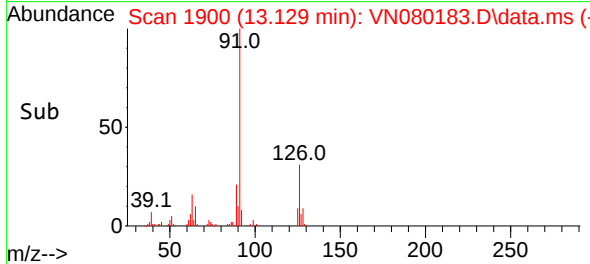
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 91 Resp: 17383
Ion Ratio Lower Upper
91 100
126 30.3 16.3 48.8

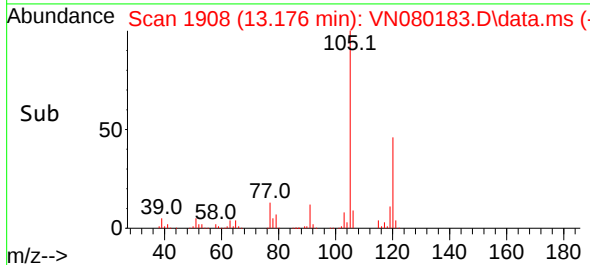
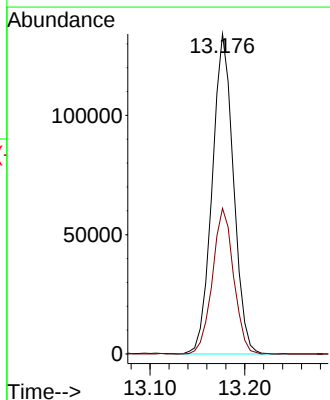
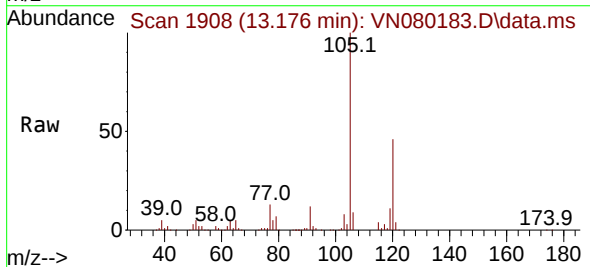
Manual Integrations
APPROVED

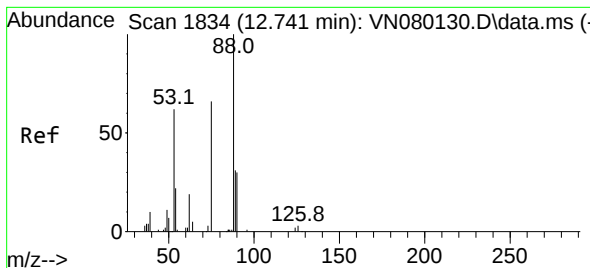
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.896 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

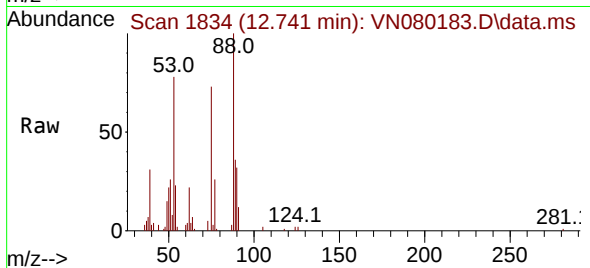
Tgt Ion:105 Resp: 209209
Ion Ratio Lower Upper
105 100
120 45.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 22.676 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

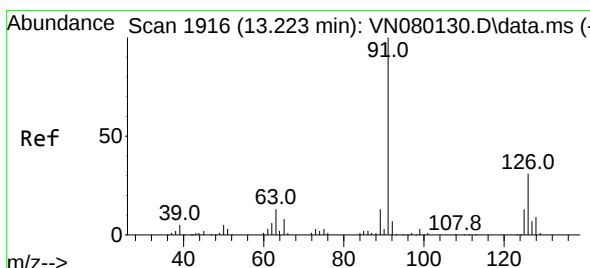
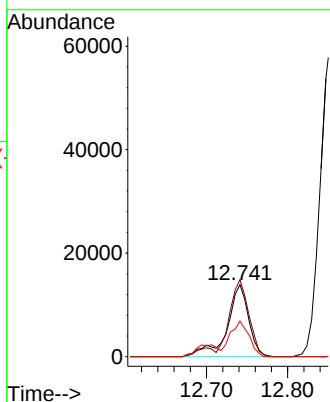
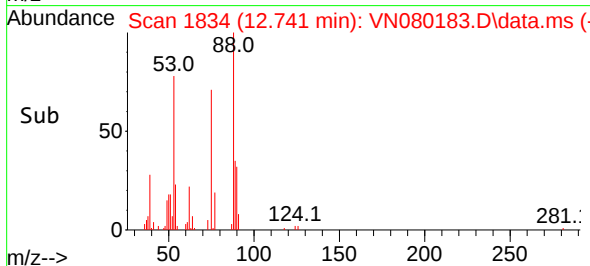
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



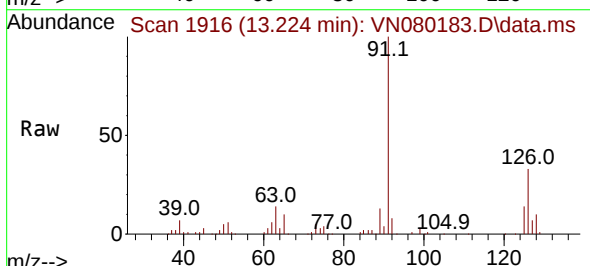
Tgt Ion: 75 Resp: 2556
Ion Ratio Lower Upper
75 100
53 94.4 67.4 101.2
89 42.8 38.8 58.2

Manual Integrations
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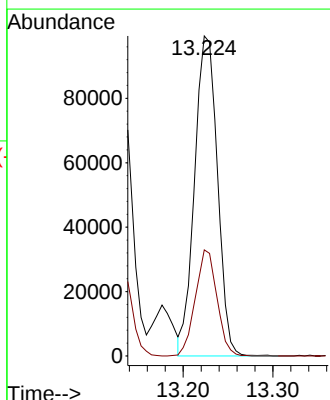
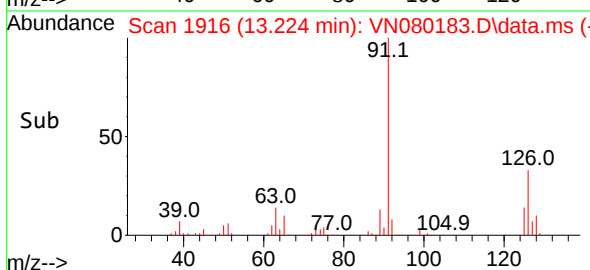
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

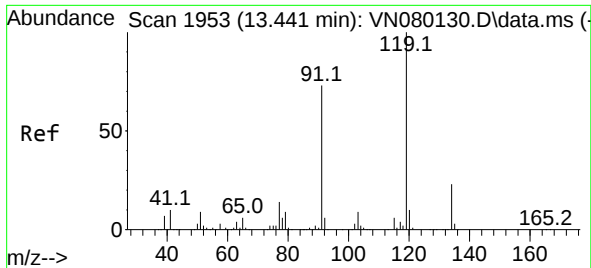


#82
4-Chlorotoluene
Concen: 19.592 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07



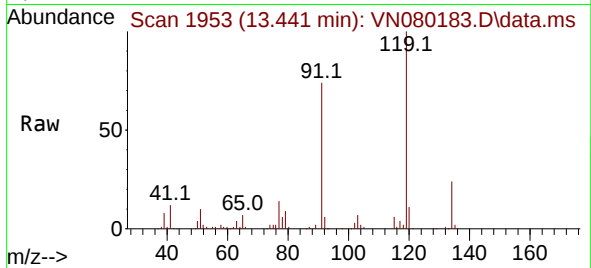
Tgt Ion: 91 Resp: 176092
Ion Ratio Lower Upper
91 100
126 31.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.254 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

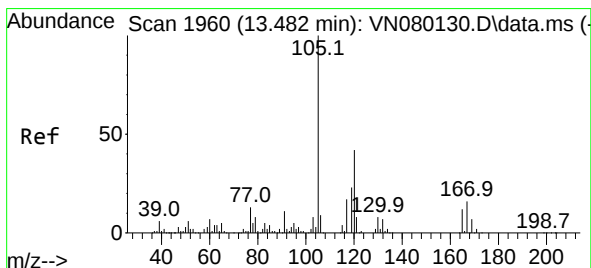
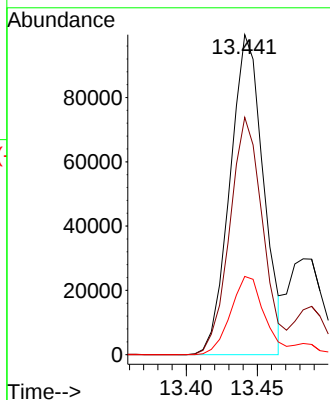
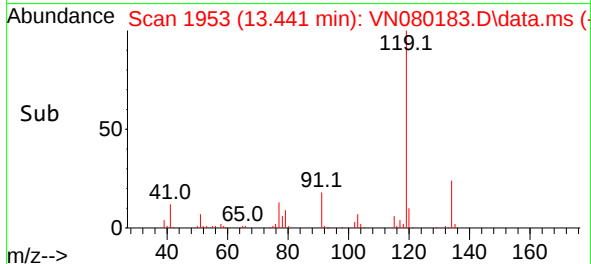
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



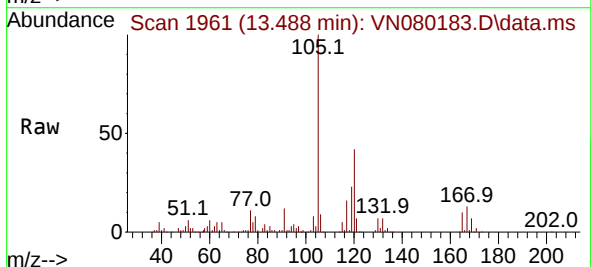
Tgt Ion:119 Resp: 16236
Ion Ratio Lower Upper
119 100
91 74.0 33.9 101.7
134 24.7 13.2 39.6

Manual Integrations
APPROVED

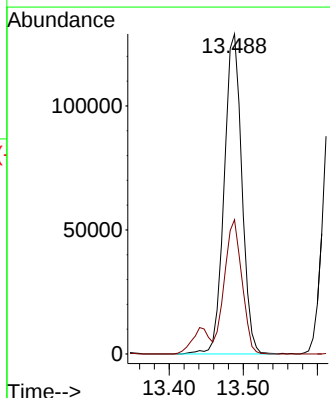
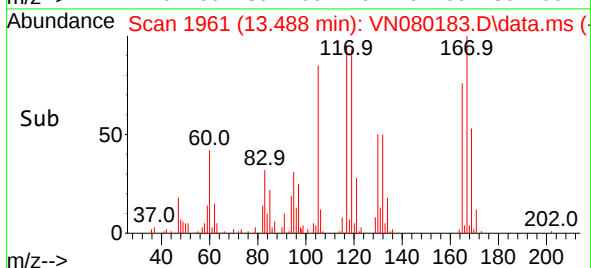
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

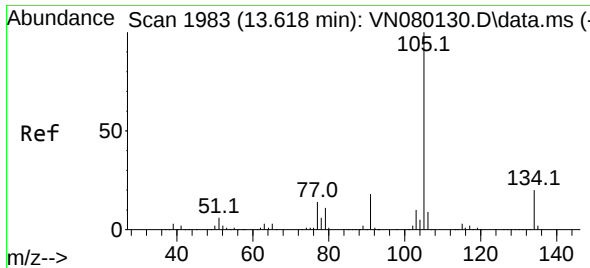


#84
1,2,4-Trimethylbenzene
Concen: 20.620 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07



Tgt Ion:105 Resp: 213508
Ion Ratio Lower Upper
105 100
120 41.5 22.0 66.0





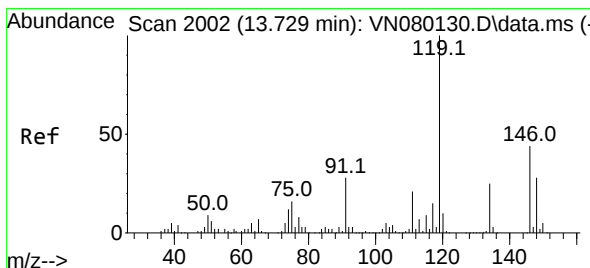
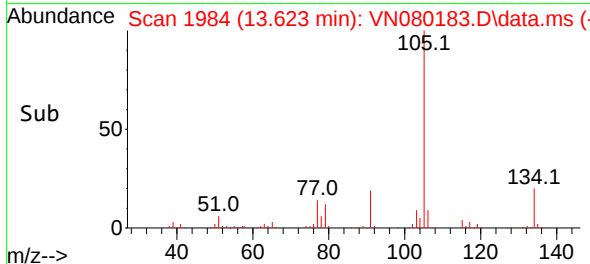
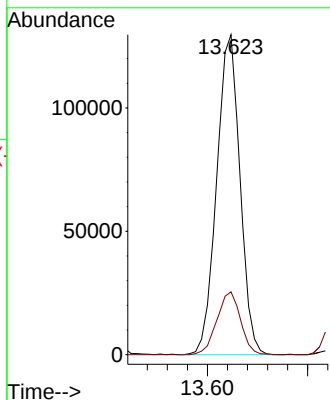
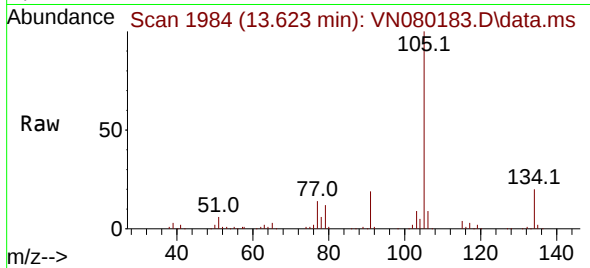
#85
 sec-Butylbenzene
 Concen: 19.581 ug/l
 RT: 13.623 min Scan# 1983
 Delta R.T. 0.006 min
 Lab File: VN080183.D
 Acq: 18 Nov 2023 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

Tgt Ion:105 Resp: 208874
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

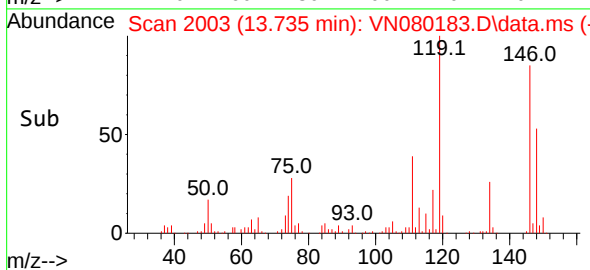
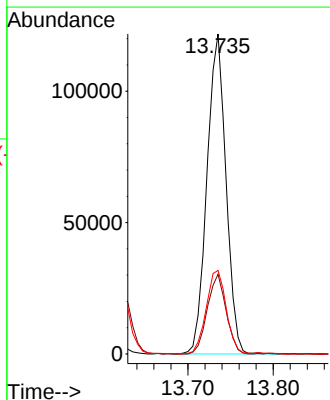
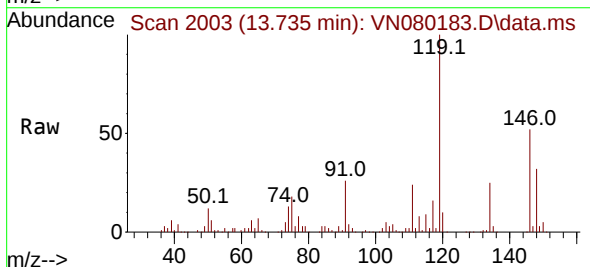
Manual Integrations
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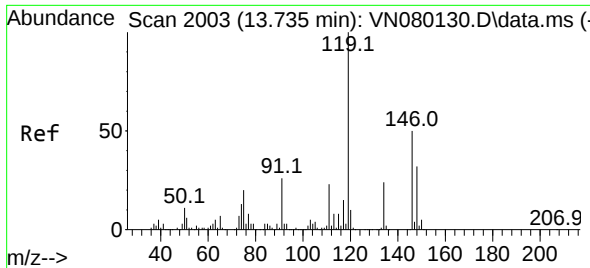
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#86
 p-Isopropyltoluene
 Concen: 19.802 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080183.D
 Acq: 18 Nov 2023 14:07

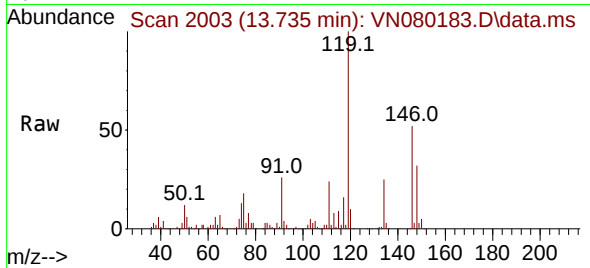
Tgt Ion:119 Resp: 188693
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 27.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.221 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

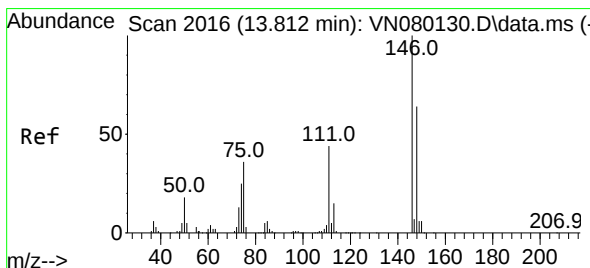
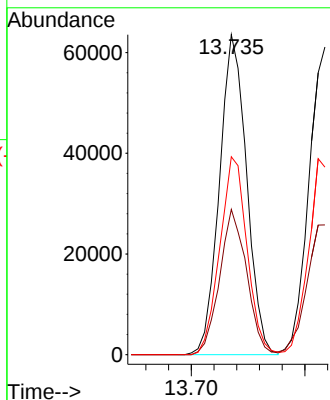
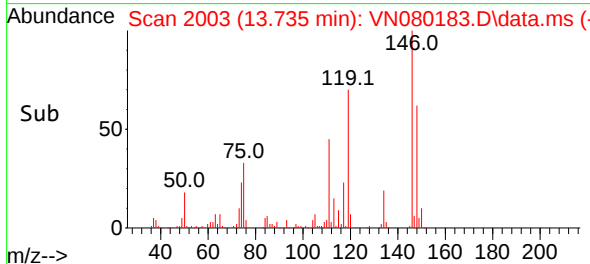
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



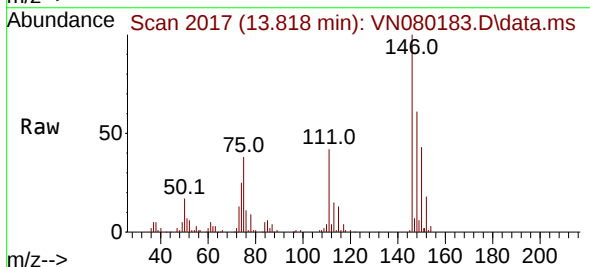
Tgt Ion:146 Resp: 10546
Ion Ratio Lower Upper
146 100
111 45.1 22.1 66.3
148 62.0 32.0 96.0

Manual Integrations
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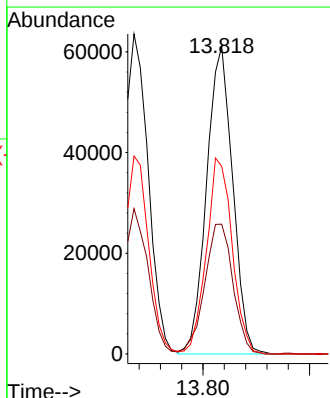
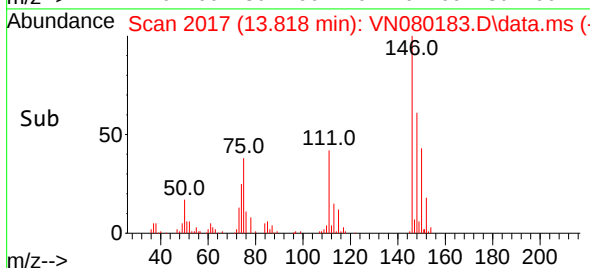
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

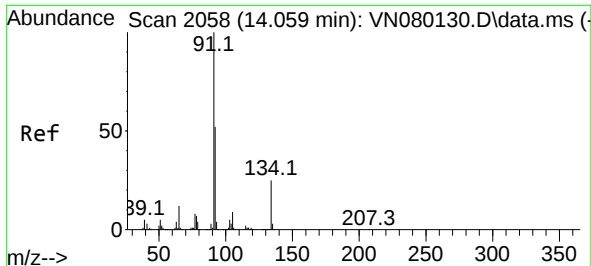


#88
1,4-Dichlorobenzene
Concen: 18.826 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07



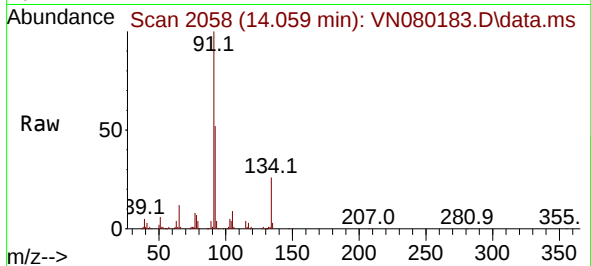
Tgt Ion:146 Resp: 103812
Ion Ratio Lower Upper
146 100
111 45.9 20.6 61.8
148 63.1 31.6 94.8





#89
n-Butylbenzene
Concen: 18.455 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

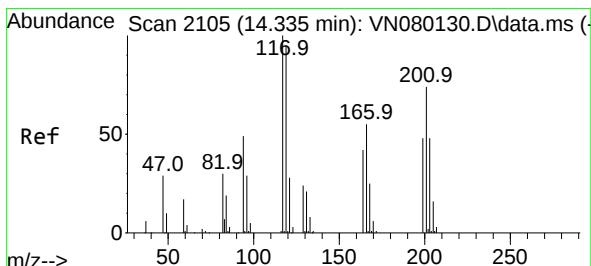
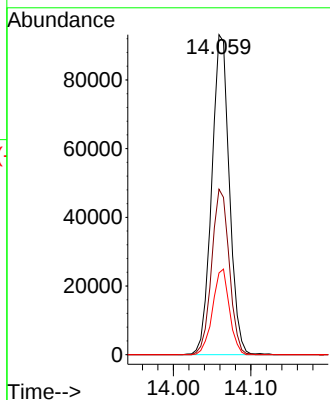
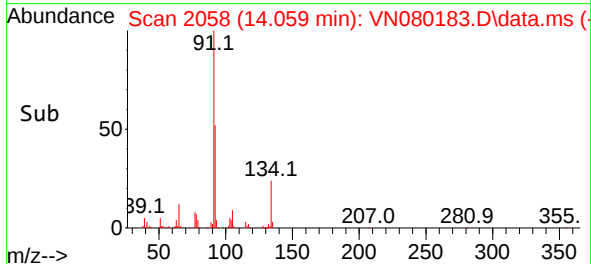
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 91 Resp: 147192
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 25.5 12.6 37.6

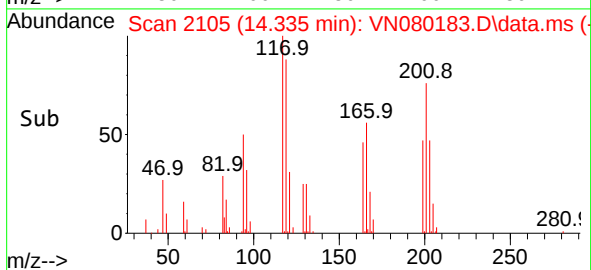
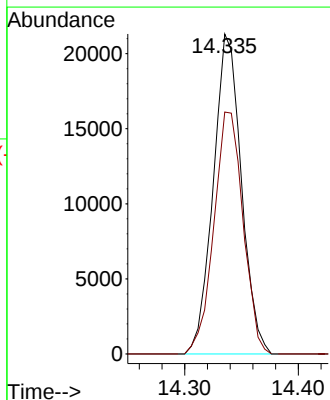
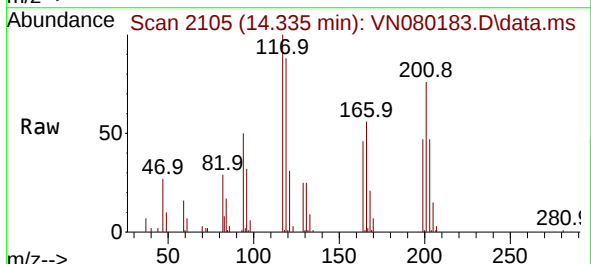
Manual Integrations
APPROVED

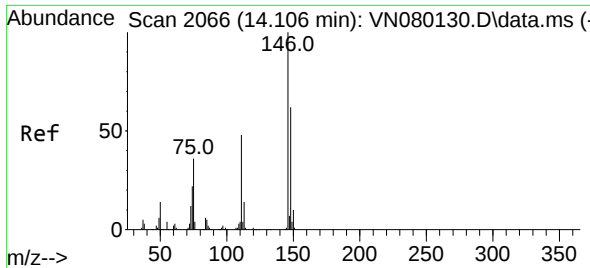
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#90
Hexachloroethane
Concen: 19.707 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

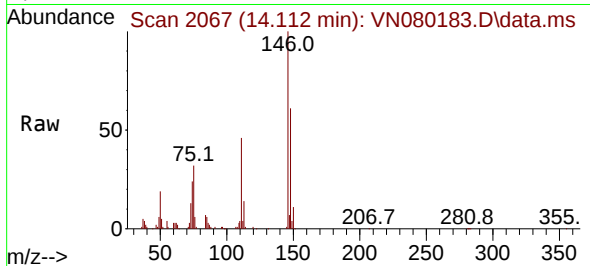
Tgt Ion:117 Resp: 36611
Ion Ratio Lower Upper
117 100
201 78.5 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 19.114 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

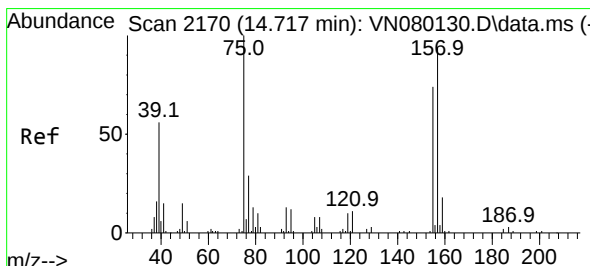
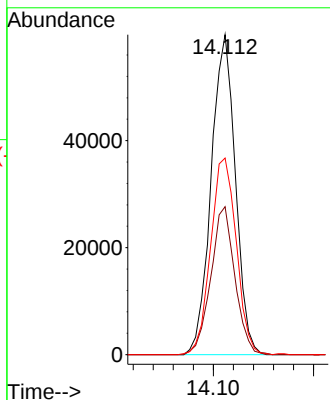
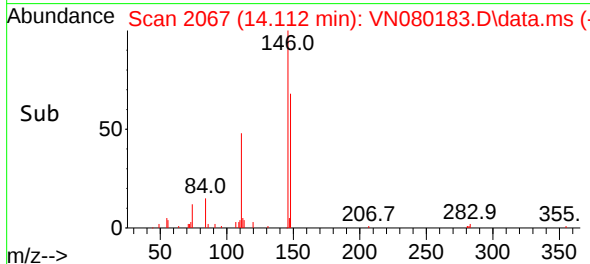
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



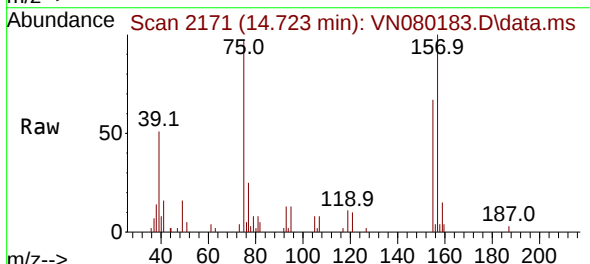
Tgt Ion:146 Resp: 100362
Ion Ratio Lower Upper
146 100
111 45.9 22.0 66.0
148 65.2 31.8 95.3

Manual Integrations
APPROVED

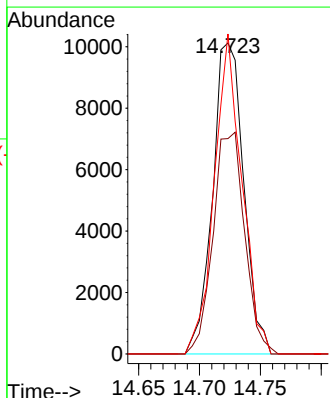
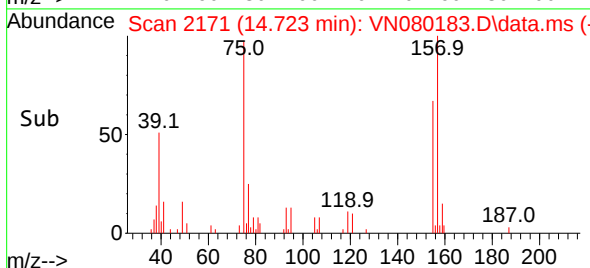
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

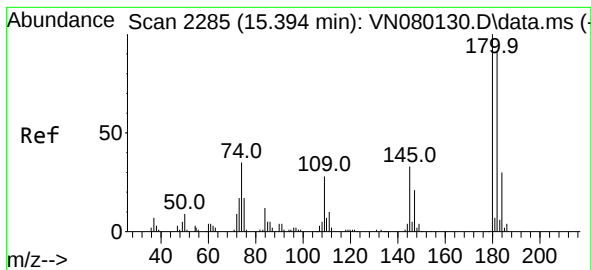


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.414 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07



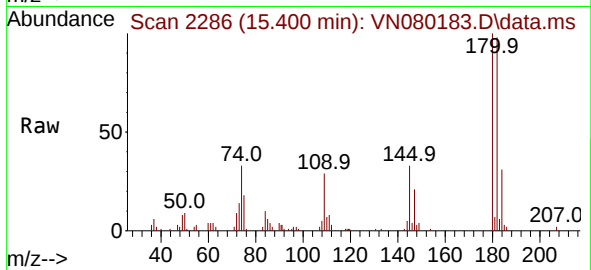
Tgt Ion: 75 Resp: 17983
Ion Ratio Lower Upper
75 100
155 72.5 39.1 117.2
157 91.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 17.278 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

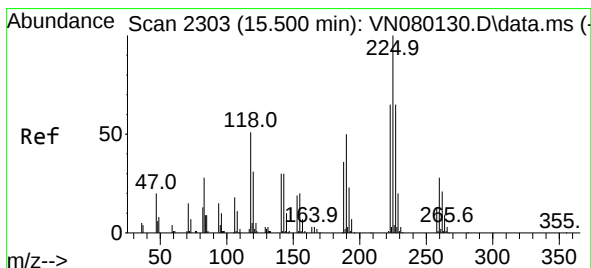
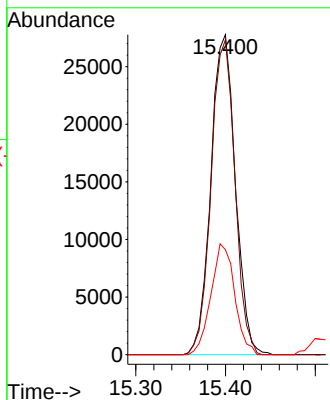
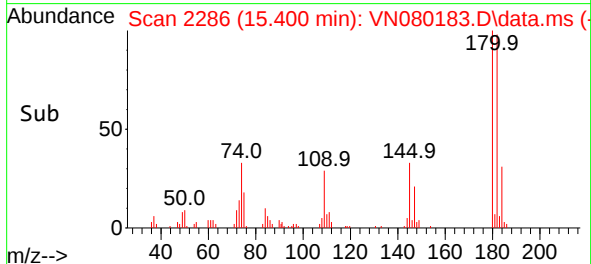
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion:180 Resp: 52760
Ion Ratio Lower Upper
180 100
182 95.2 46.1 138.2
145 33.5 16.6 49.8

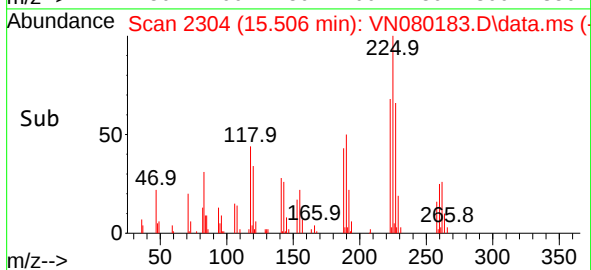
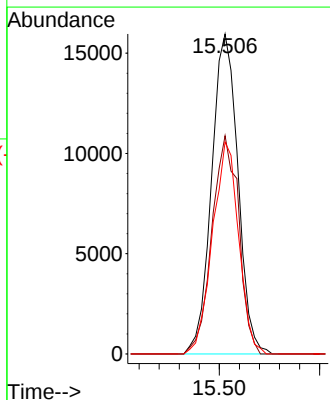
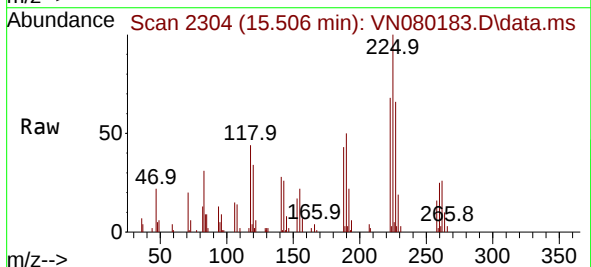
Manual Integrations
APPROVED

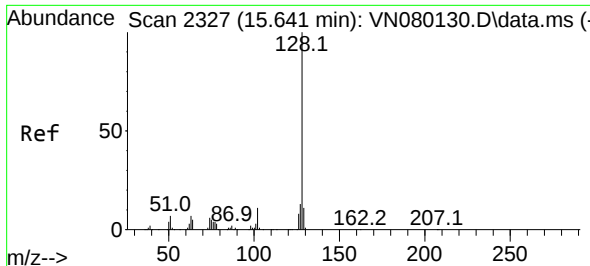
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#94
Hexachlorobutadiene
Concen: 16.512 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

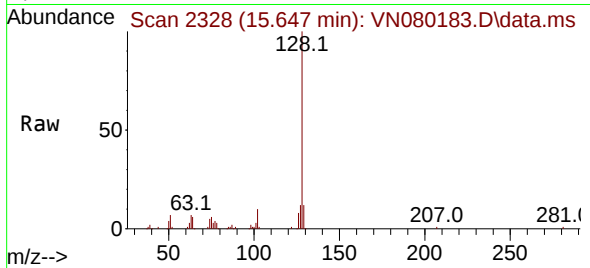
Tgt Ion:225 Resp: 29018
Ion Ratio Lower Upper
225 100
223 69.3 31.3 93.8
227 65.9 31.9 95.9





#95
Naphthalene
Concen: 17.960 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07

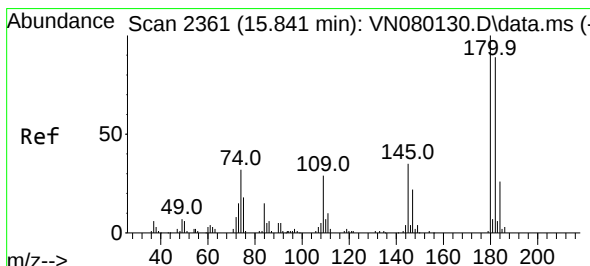
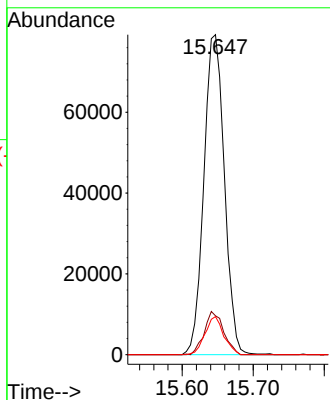
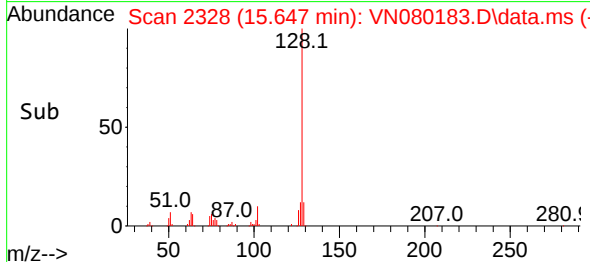
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



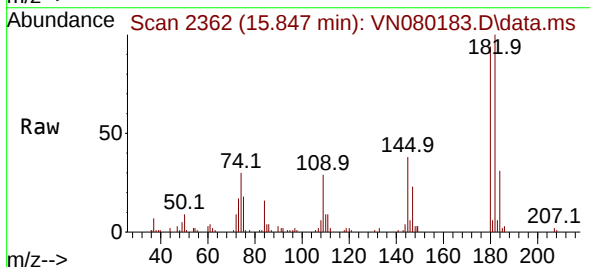
Tgt Ion:128 Resp: 159045
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.249 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080183.D
Acq: 18 Nov 2023 14:07



Tgt Ion:180 Resp: 52238
Ion Ratio Lower Upper
180 100
182 94.6 46.2 138.6
145 36.7 17.5 52.6

