

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080083.D
 Acq On : 14 Nov 2023 12:52
 Operator : JC\MD
 Sample : VN1114WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2023
 Supervised By : Mahesh Dadoda 11/15/2023

Quant Time: Nov 15 03:55:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	188772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	275316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149755	52.070	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.140%			
35) Dibromofluoromethane	8.165	113	105961	49.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.540%			
50) Toluene-d8	10.571	98	369410	47.130	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.260%			
62) 4-Bromofluorobenzene	12.847	95	142512	54.822	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39952	17.571	ug/l	97
3) Chloromethane	2.360	50	31336	10.239	ug/l	92
4) Vinyl Chloride	2.513	62	64063	21.524	ug/l	98
5) Bromomethane	2.954	94	21044	11.637	ug/l	93
6) Chloroethane	3.118	64	23877	10.153	ug/l	91
7) Trichlorofluoromethane	3.501	101	74169	20.035	ug/l	98
8) Diethyl Ether	3.954	74	22972	16.352	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	36409	16.966	ug/l	96
10) Methyl Iodide	4.595	142	36506	14.896	ug/l	91
11) Tert butyl alcohol	5.518	59	31638	86.176	ug/l	96
12) 1,1-Dichloroethene	4.336	96	32303	15.898	ug/l	85
13) Acrolein	4.177	56	24611	76.188	ug/l	97
14) Allyl chloride	5.030	41	47704	15.328	ug/l	95
15) Acrylonitrile	5.718	53	91704	80.153	ug/l	99
16) Acetone	4.424	43	78685	77.889	ug/l	100
17) Carbon Disulfide	4.712	76	72611	12.389	ug/l	99
18) Methyl Acetate	5.024	43	69579	14.396	ug/l	92
19) Methyl tert-butyl Ether	5.801	73	131016	18.728	ug/l	98
20) Methylene Chloride	5.283	84	41173	16.152	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	35970	15.873	ug/l #	78
22) Diisopropyl ether	6.677	45	113258	15.704	ug/l #	95
23) Vinyl Acetate	6.606	43	292210	73.453	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	76524	17.457	ug/l	98
25) 2-Butanone	7.489	43	108035	73.030	ug/l #	87
26) 2,2-Dichloropropane	7.495	77	68446	18.880	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	44987	16.596	ug/l	86
28) Bromochloromethane	7.818	49	39828	18.644	ug/l	88
29) Tetrahydrofuran	7.842	42	66825	69.431	ug/l	86
30) Chloroform	7.965	83	86348	18.134	ug/l	95
31) Cyclohexane	8.259	56	51538	13.561	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	79660	20.532	ug/l	98
36) 1,1-Dichloropropene	8.371	75	53828	17.706	ug/l	96
37) Ethyl Acetate	7.559	43	43646	15.654	ug/l	97
38) Carbon Tetrachloride	8.365	117	71514	23.341	ug/l	95
39) Methylcyclohexane	9.606	83	45300	15.834	ug/l #	89
40) Benzene	8.612	78	163669	17.975	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	25584	17.280	ug/l	90
42) 1,2-Dichloroethane	8.677	62	71943	22.619	ug/l	95
43) Isopropyl Acetate	8.689	43	77474	15.845	ug/l	95
44) Trichloroethene	9.353	130	40762	18.041	ug/l	98
45) 1,2-Dichloropropane	9.624	63	41291	17.745	ug/l	98
46) Dibromomethane	9.712	93	30948	19.478	ug/l	93
47) Bromodichloromethane	9.889	83	69546	20.524	ug/l	99
48) Methyl methacrylate	9.683	41	35927	16.775	ug/l	86
49) 1,4-Dioxane	9.694	88	13792	364.453	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	225693	81.988	ug/l	97
52) Toluene	10.630	92	104969	19.446	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	70387	21.189	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	70389	19.440	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	42769	19.698	ug/l	95
56) Ethyl methacrylate	10.877	69	58524	18.897	ug/l	93
57) 1,3-Dichloropropane	11.165	76	75513	19.731	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	156244	99.539	ug/l	95
59) 2-Hexanone	11.200	43	165780	78.724	ug/l	94
60) Dibromochloromethane	11.359	129	50445	21.705	ug/l	99
61) 1,2-Dibromoethane	11.471	107	41892	19.223	ug/l	97
64) Tetrachloroethene	11.106	164	35880	20.122	ug/l	94
65) Chlorobenzene	11.894	112	109565	18.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	46872	21.784	ug/l	95
67) Ethyl Benzene	11.965	91	195133	18.754	ug/l	92
68) m/p-Xylenes	12.071	106	147828	38.139	ug/l	91
69) o-Xylene	12.400	106	71513	19.160	ug/l	88
70) Styrene	12.412	104	120230	20.044	ug/l	93
71) Bromoform	12.577	173	34382	22.503	ug/l #	95
73) Isopropylbenzene	12.700	105	183439	17.793	ug/l	99
74) N-amyl acetate	12.494	43	61291	13.620	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	57538	15.741	ug/l	93
76) 1,2,3-Trichloropropane	12.994	75	55052m	17.263	ug/l	
77) Bromobenzene	12.983	156	46702	18.503	ug/l	98
78) n-propylbenzene	13.035	91	209863	17.776	ug/l	98
79) 2-Chlorotoluene	13.130	91	140649	18.649	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	161672	20.156	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	17456	14.893	ug/l #	77
82) 4-Chlorotoluene	13.224	91	140317	18.723	ug/l	97
83) tert-Butylbenzene	13.441	119	128083	19.508	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	160976	20.399	ug/l	97
85) sec-Butylbenzene	13.618	105	172481	18.962	ug/l	99
86) p-Isopropyltoluene	13.730	119	146091	19.699	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	85978	18.311	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	83705	17.563	ug/l	97
89) n-Butylbenzene	14.059	91	113574	17.780	ug/l	99
90) Hexachloroethane	14.335	117	28220	19.214	ug/l	81
91) 1,2-Dichlorobenzene	14.112	146	84165	18.988	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	12388	19.985	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	39029	18.518	ug/l	97
94) Hexachlorobutadiene	15.506	225	22636	23.692	ug/l	96
95) Naphthalene	15.641	128	107607	15.056	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37444	18.125	ug/l	98

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Response via : Initial Calibration

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

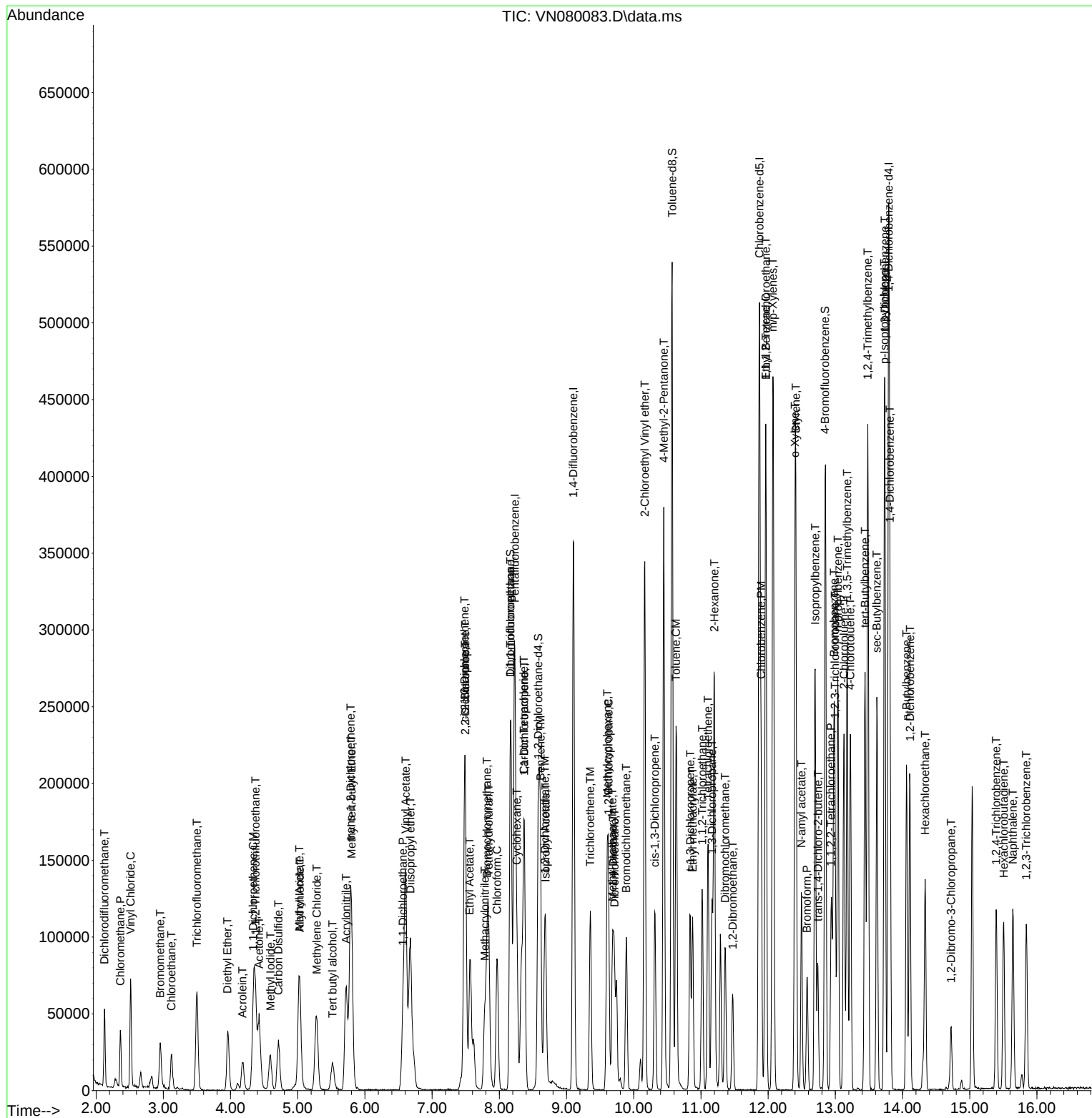
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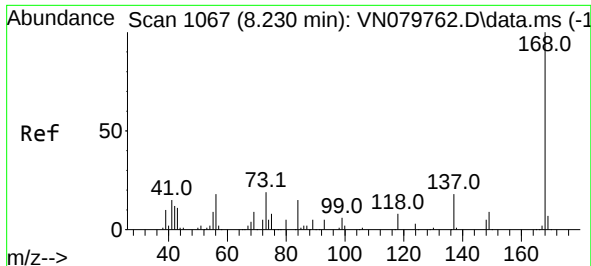
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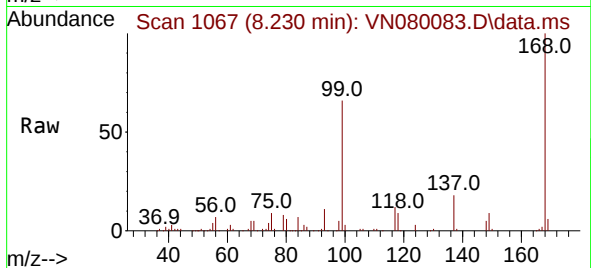
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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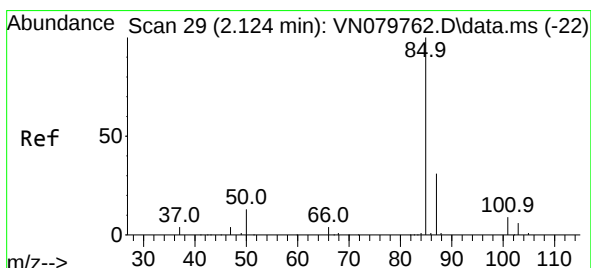
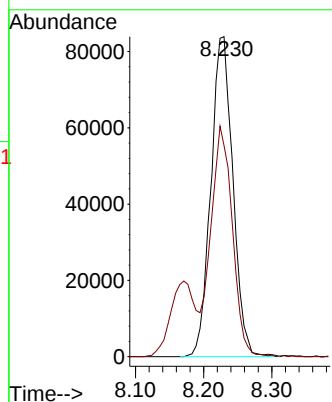
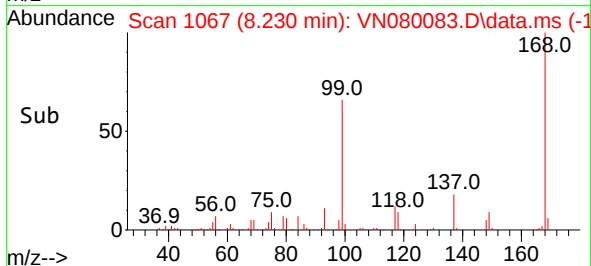
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 188772
Ion Ratio Lower Upper
168 100
99 65.7 53.0 79.6

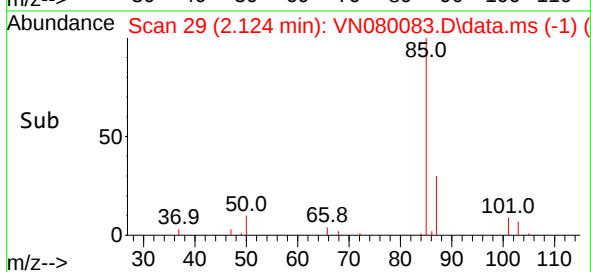
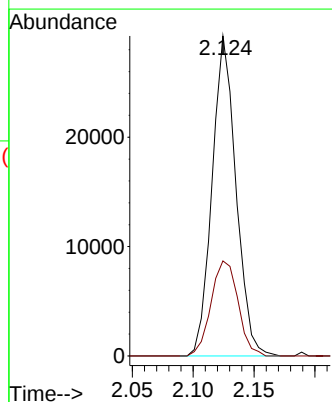
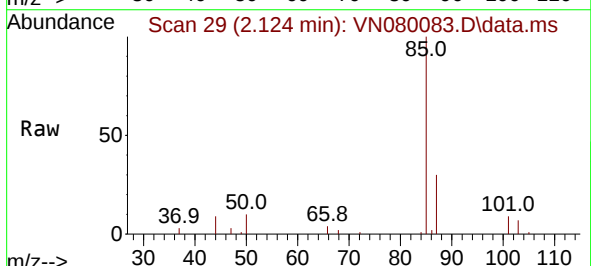
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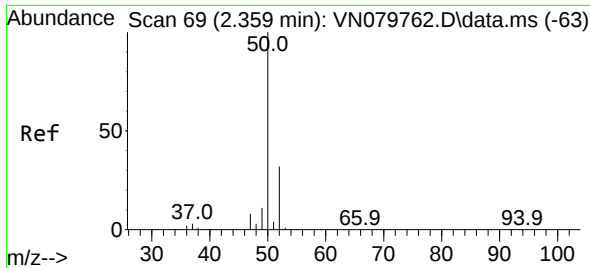
Reviewed By :John Carlone 11/15/2023
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#2
Dichlorodifluoromethane
Concen: 17.571 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Tgt Ion: 85 Resp: 39952
Ion Ratio Lower Upper
85 100
87 29.7 15.8 47.4





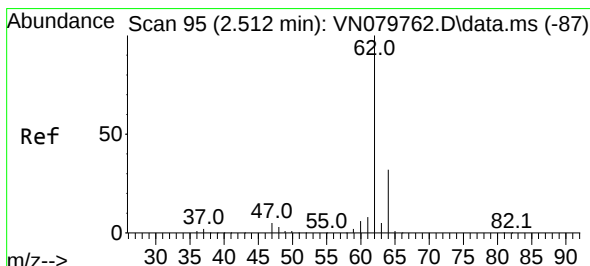
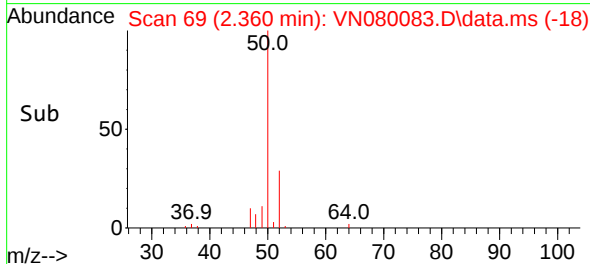
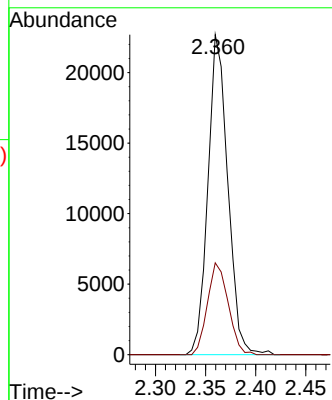
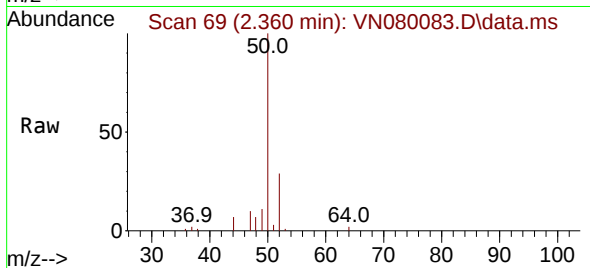
#3
Chloromethane
Concen: 10.239 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 31330
Ion Ratio Lower Upper
50 100
52 28.7 26.5 39.7

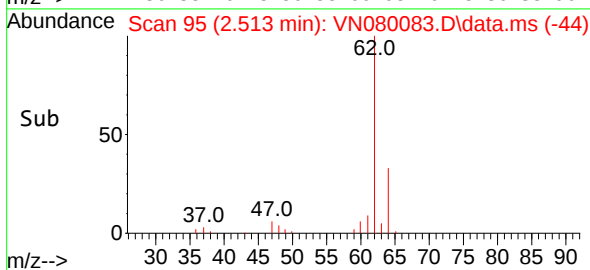
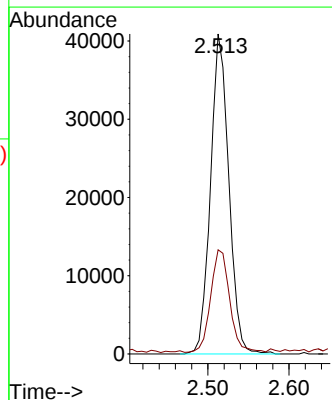
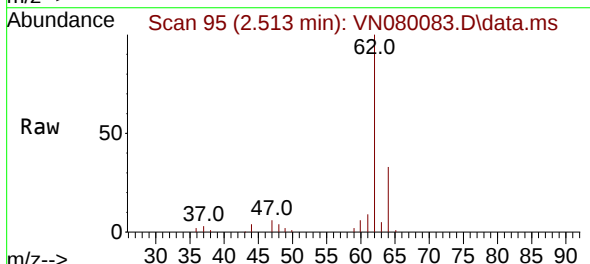
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#4
Vinyl Chloride
Concen: 21.524 ug/l
RT: 2.513 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

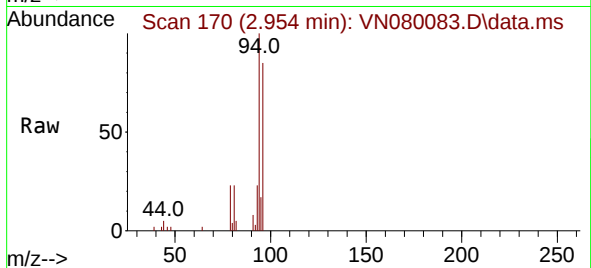
Tgt Ion: 62 Resp: 64063
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2





#5
Bromomethane
Concen: 11.637 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

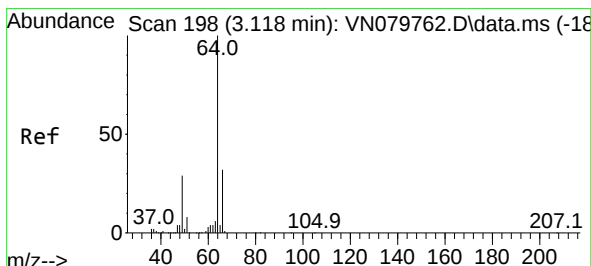
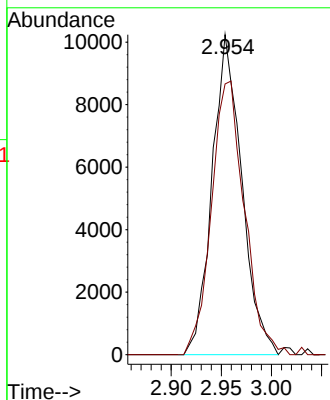
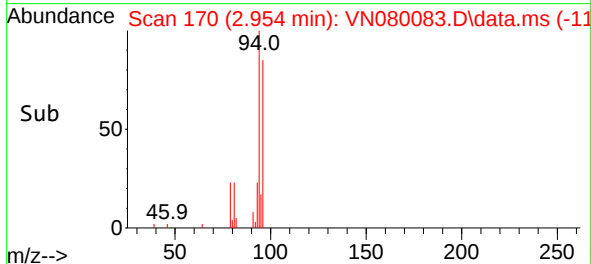
Instrument :
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Tgt Ion: 94 Resp: 21044
Ion Ratio Lower Upper
94 100
96 84.6 73.1 109.7

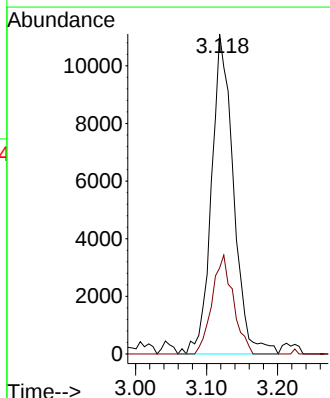
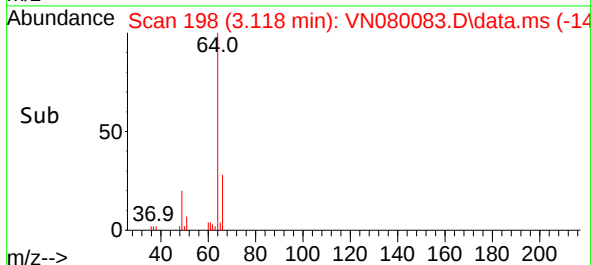
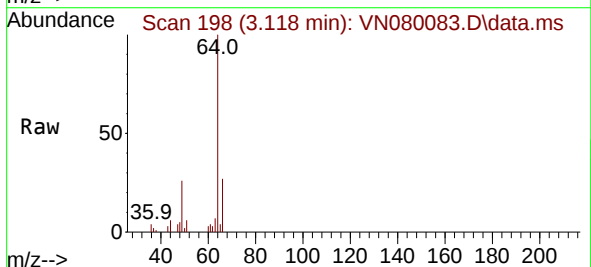
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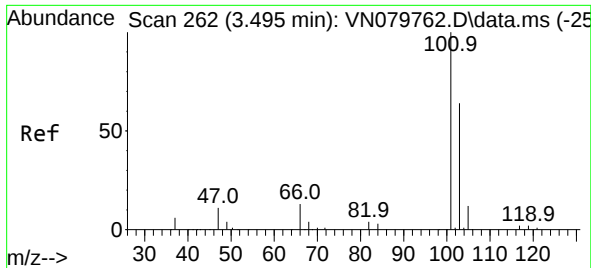
Reviewed By :John Carlone 11/15/2023
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#6
Chloroethane
Concen: 10.153 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Tgt Ion: 64 Resp: 23877
Ion Ratio Lower Upper
64 100
66 26.9 25.4 38.2





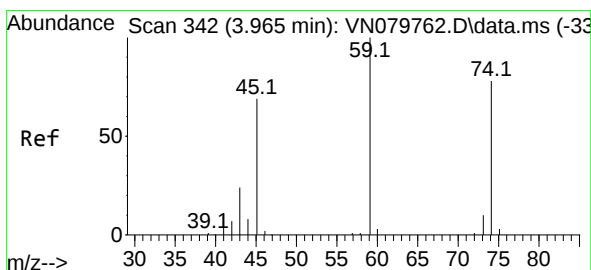
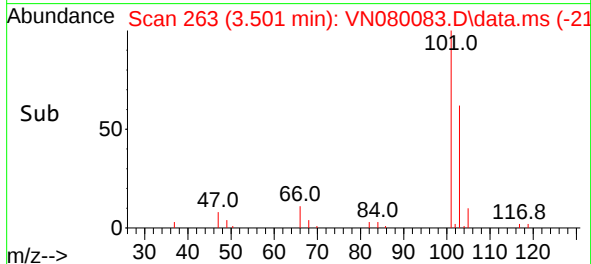
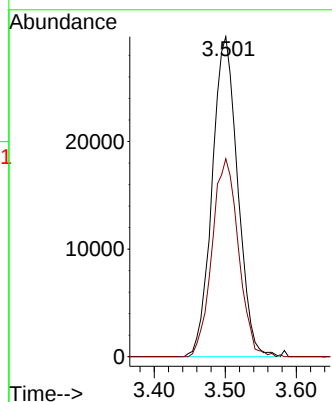
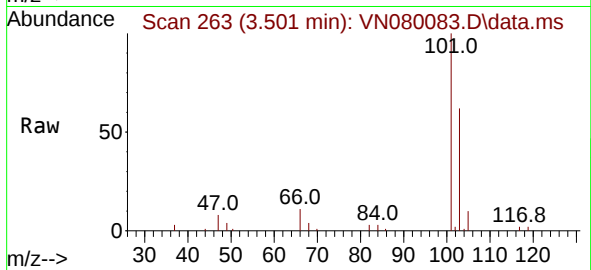
#7
Trichlorofluoromethane
Concen: 20.035 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
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ClientSampleId :
VN1114WBSD01

Tgt Ion:101 Resp: 74169
Ion Ratio Lower Upper
101 100
103 61.9 50.7 76.1

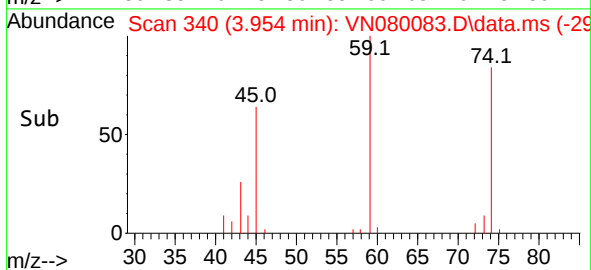
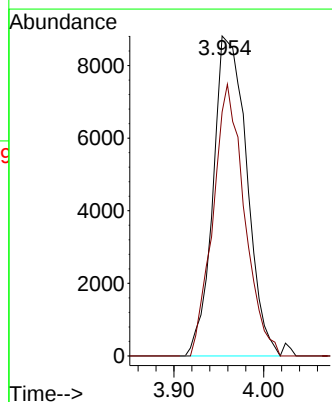
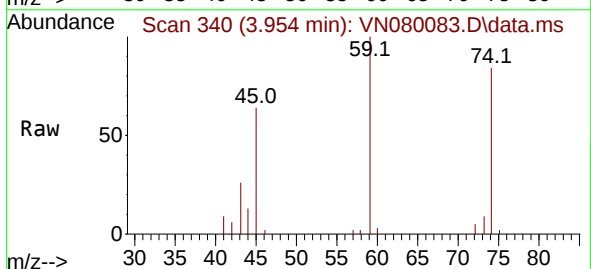
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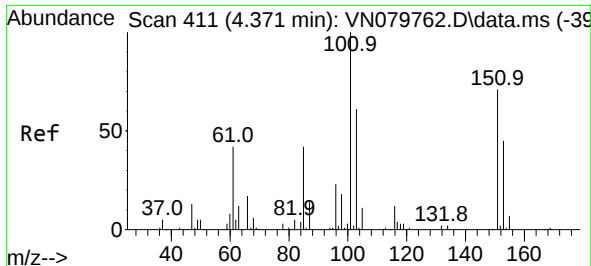
Reviewed By :John Carlone 11/15/2023
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#8
Diethyl Ether
Concen: 16.352 ug/l
RT: 3.954 min Scan# 340
Delta R.T. -0.011 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Tgt Ion: 74 Resp: 22972
Ion Ratio Lower Upper
74 100
45 79.2 34.4 103.3





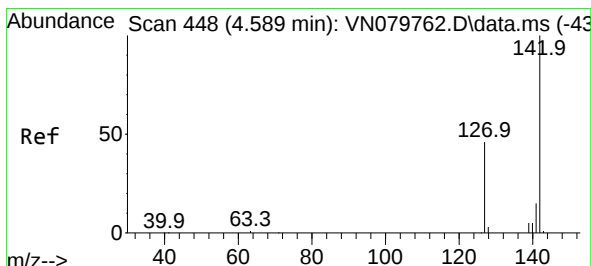
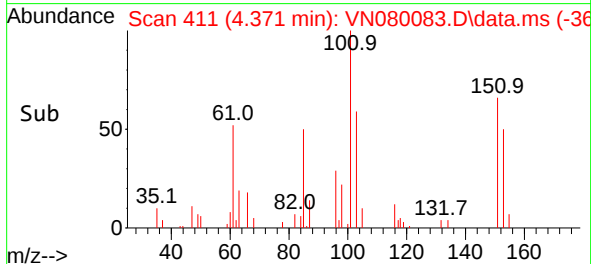
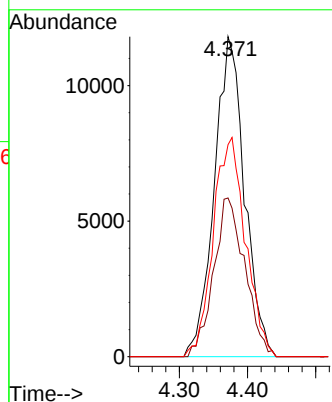
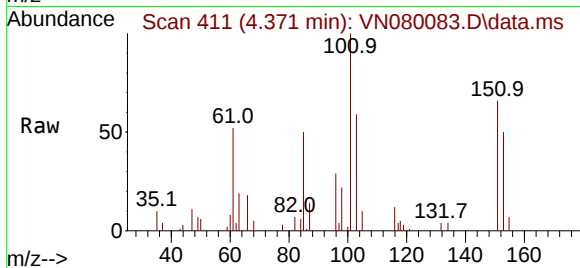
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.966 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:101 Resp: 36409
Ion Ratio Lower Upper
101 100
85 51.3 36.6 55.0
151 73.2 57.6 86.4

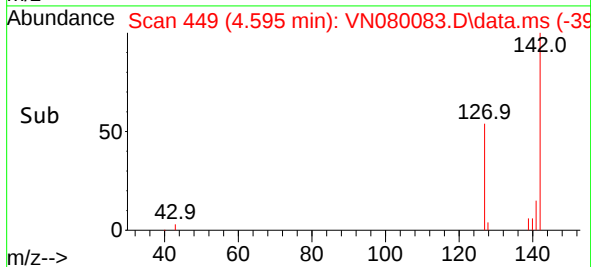
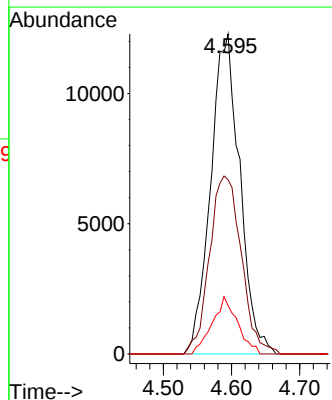
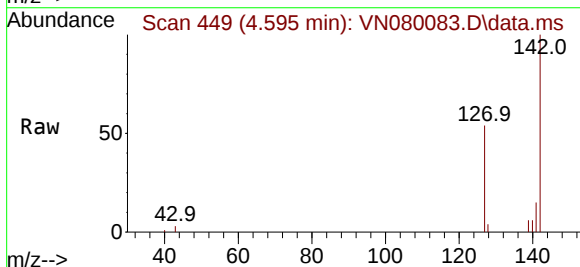
Manual Integrations
APPROVED

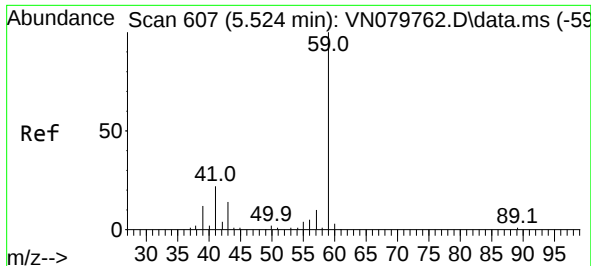
Reviewed By :John Carbone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#10
Methyl Iodide
Concen: 14.896 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Tgt Ion:142 Resp: 36506
Ion Ratio Lower Upper
142 100
127 54.5 37.6 56.4
141 15.1 11.4 17.0





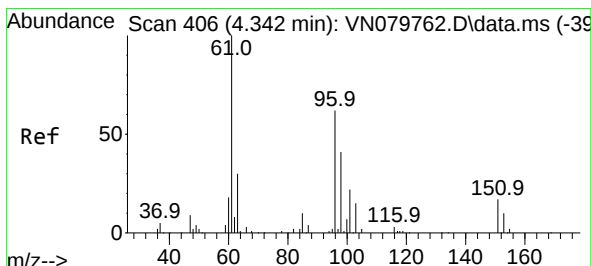
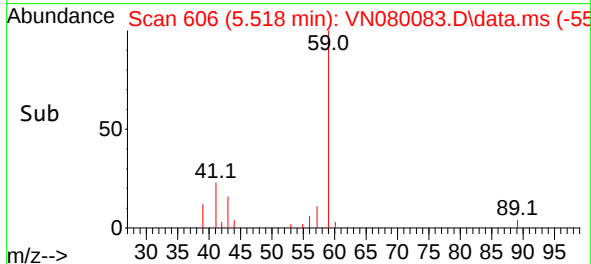
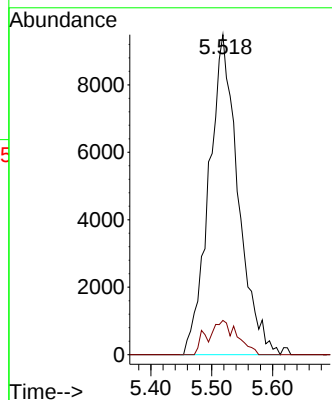
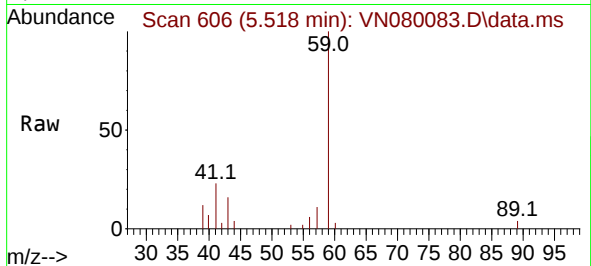
#11
Tert butyl alcohol
Concen: 86.176 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 59 Resp: 31638
Ion Ratio Lower Upper
59 100
57 8.6 8.2 12.4

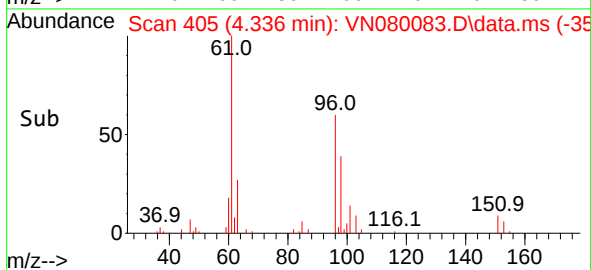
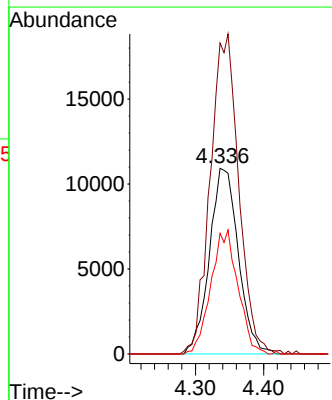
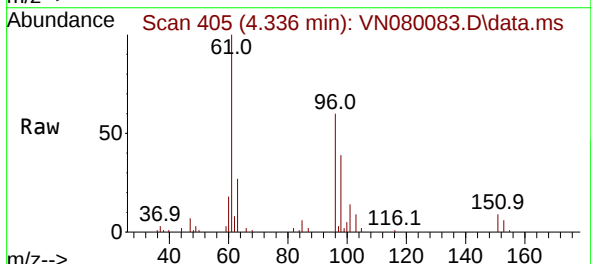
Manual Integrations
APPROVED

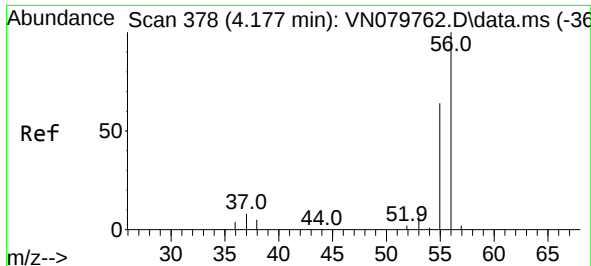
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#12
1,1-Dichloroethene
Concen: 15.898 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.011 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Tgt Ion: 96 Resp: 32303
Ion Ratio Lower Upper
96 100
61 167.4 112.7 169.1
98 65.0 51.2 76.8





#13

Acrolein

Concen: 76.188 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

Tgt Ion: 56 Resp: 2461

Ion Ratio Lower Upper

56 100

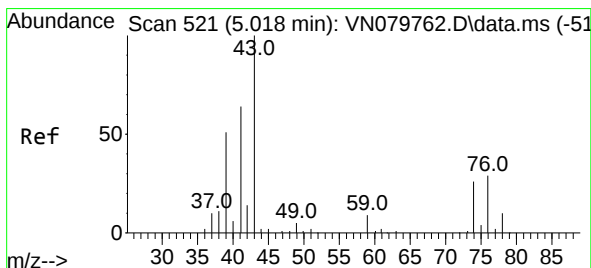
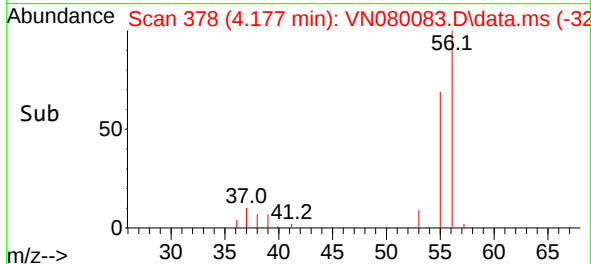
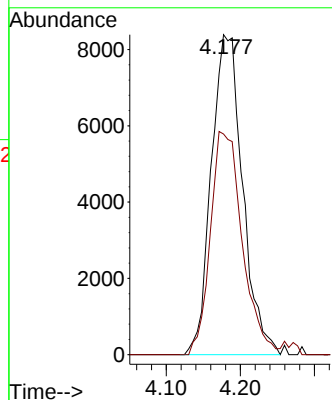
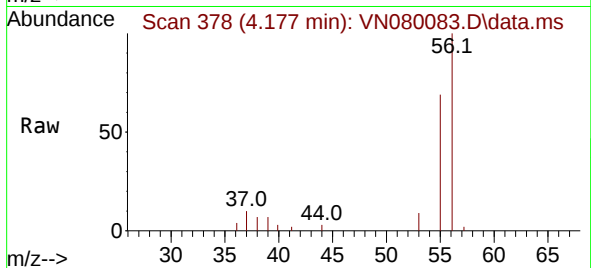
55 70.7 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#14

Allyl chloride

Concen: 15.328 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

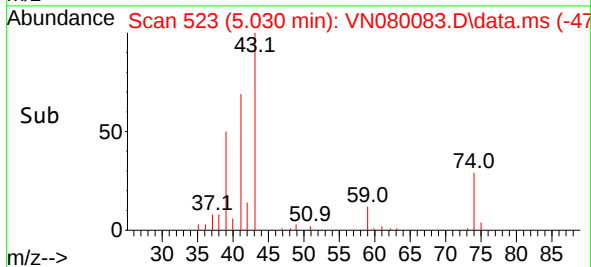
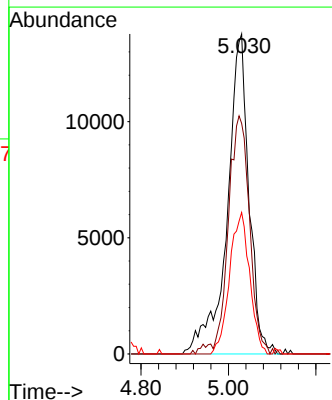
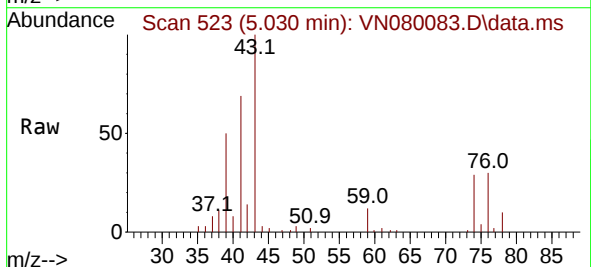
Tgt Ion: 41 Resp: 47704

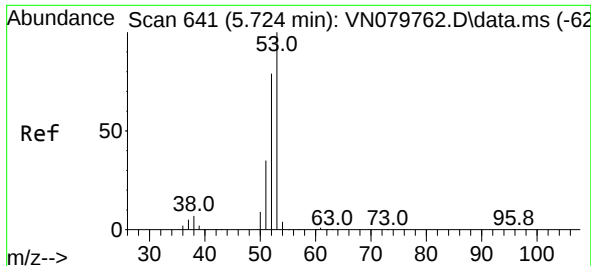
Ion Ratio Lower Upper

41 100

39 73.2 58.8 88.2

76 40.7 39.1 58.7





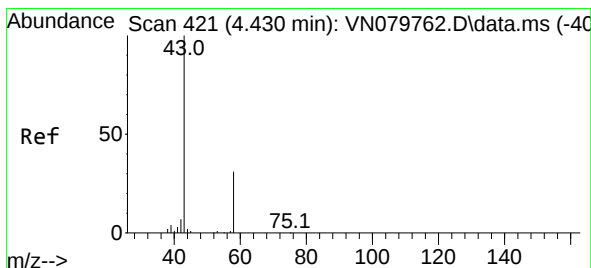
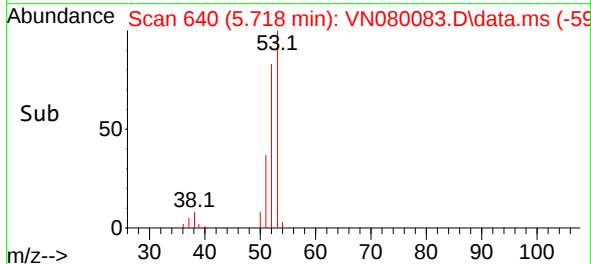
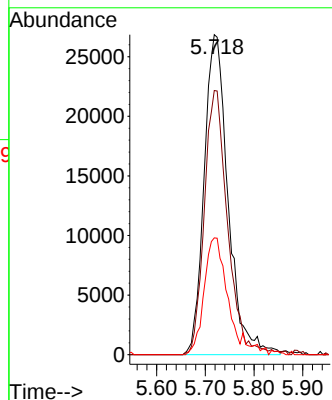
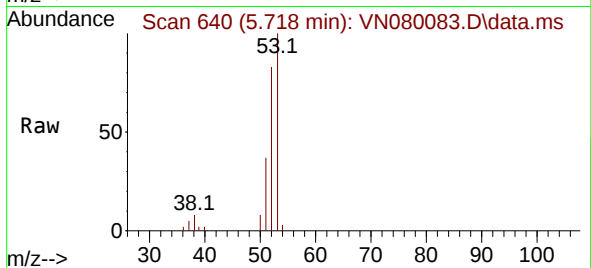
#15
Acrylonitrile
Concen: 80.153 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.005 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 53 Resp: 91704
Ion Ratio Lower Upper
53 100
52 80.1 65.3 97.9
51 36.7 28.9 43.3

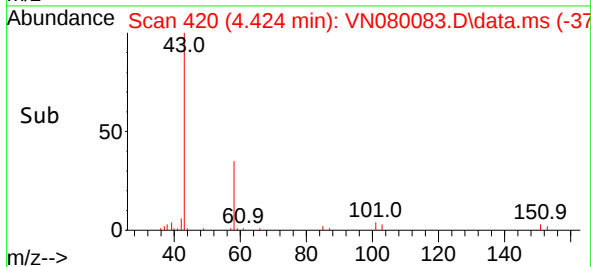
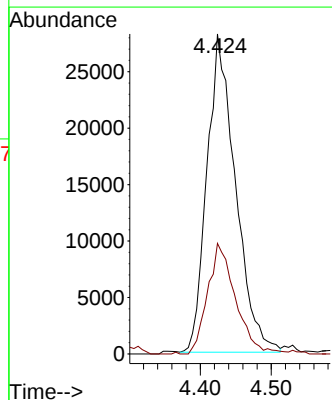
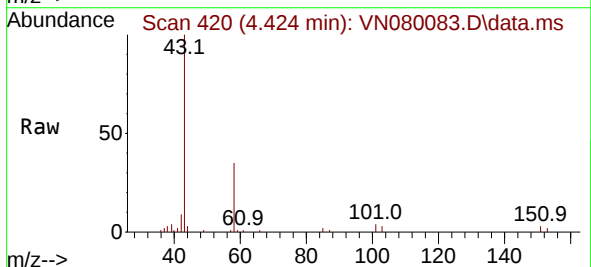
Manual Integrations
APPROVED

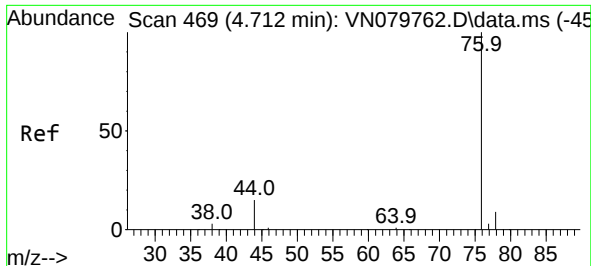
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#16
Acetone
Concen: 77.889 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.005 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

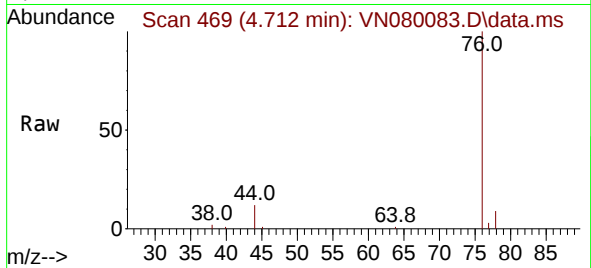
Tgt Ion: 43 Resp: 78685
Ion Ratio Lower Upper
43 100
58 34.7 28.0 42.0





#17
Carbon Disulfide
Concen: 12.389 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

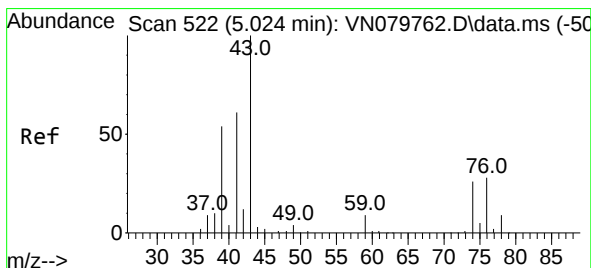
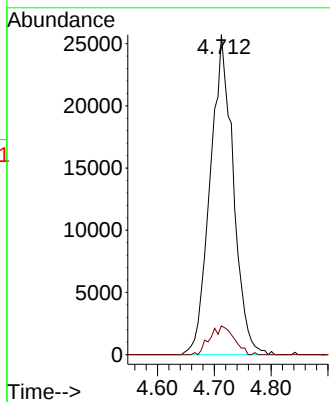
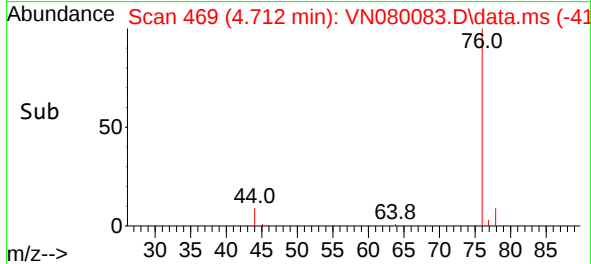
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



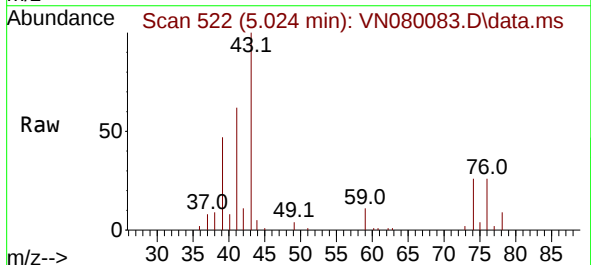
Tgt Ion: 76 Resp: 7261
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

Manual Integrations
APPROVED

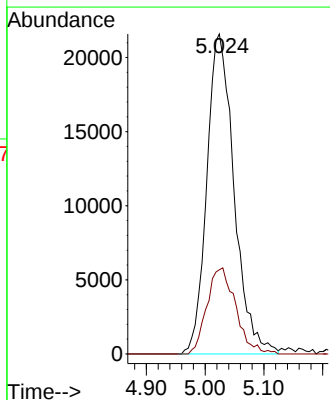
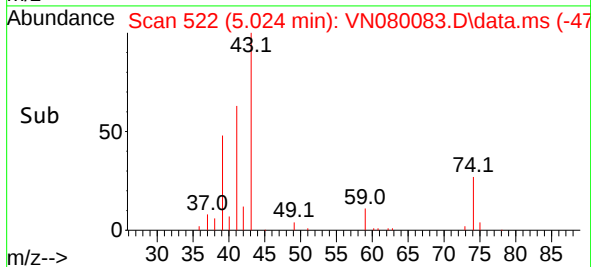
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

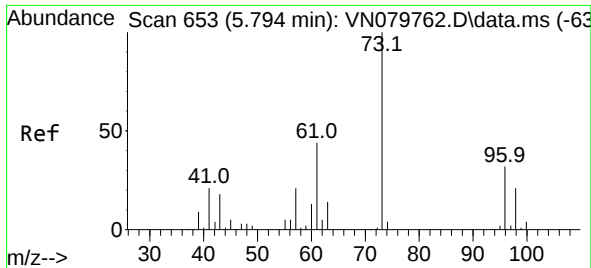


#18
Methyl Acetate
Concen: 14.396 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52



Tgt Ion: 43 Resp: 69579
Ion Ratio Lower Upper
43 100
74 28.4 26.2 39.4





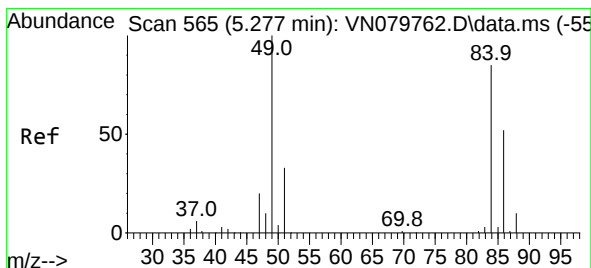
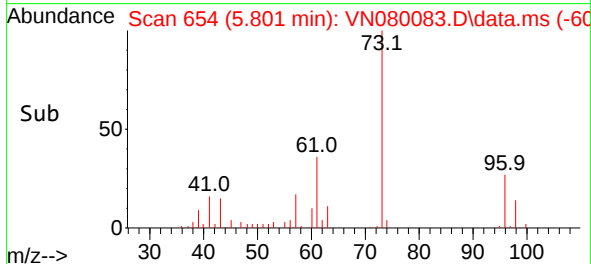
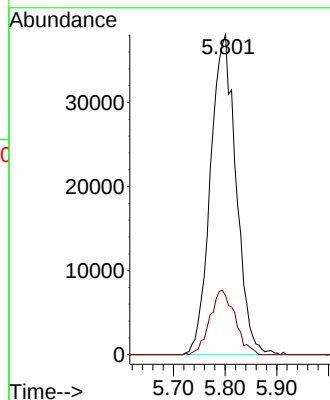
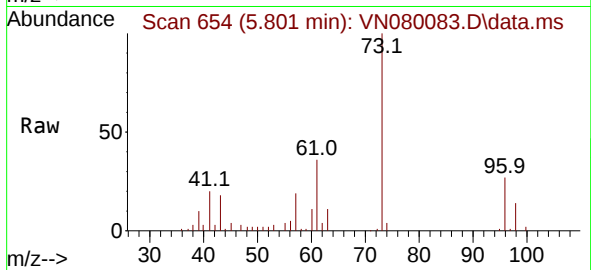
#19
Methyl tert-butyl Ether
Concen: 18.728 ug/l
RT: 5.801 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 73 Resp: 131010
Ion Ratio Lower Upper
73 100
57 18.5 15.6 23.4

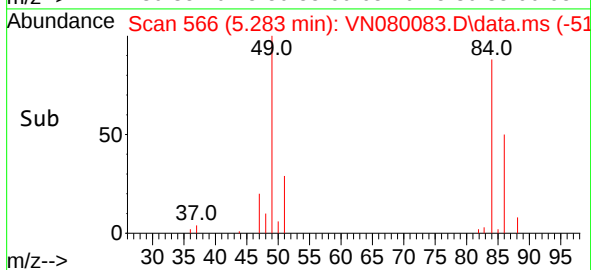
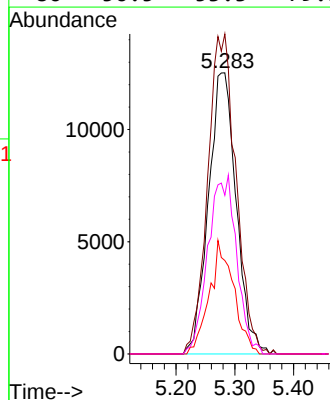
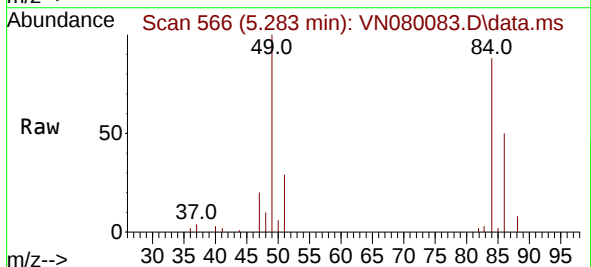
Manual Integrations
APPROVED

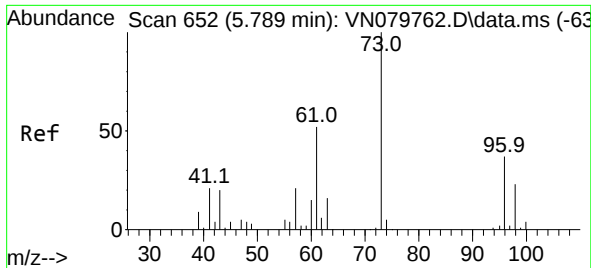
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#20
Methylene Chloride
Concen: 16.152 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Tgt Ion: 84 Resp: 41173
Ion Ratio Lower Upper
84 100
49 113.8 79.7 119.5
51 33.2 25.2 37.8
86 56.5 53.3 79.9





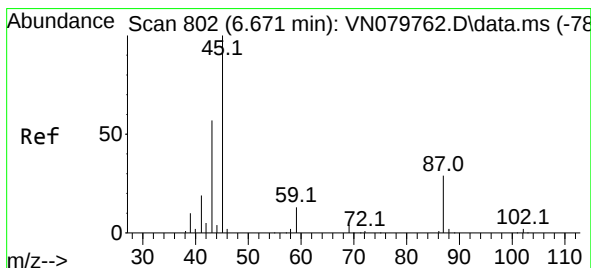
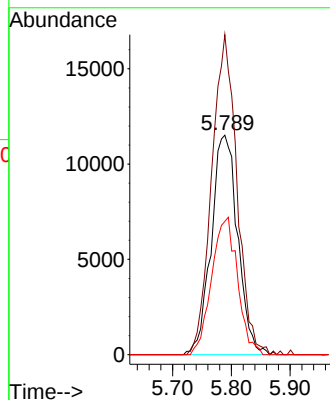
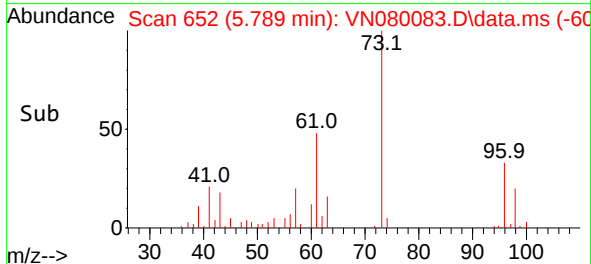
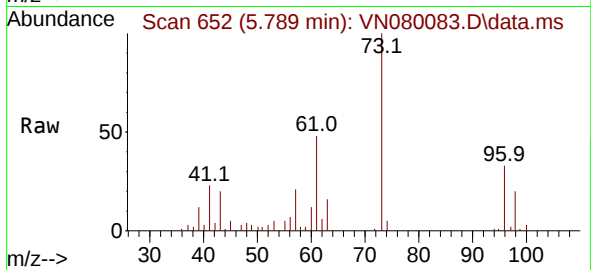
#21
trans-1,2-Dichloroethene
Concen: 15.873 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 96 Resp: 35970
Ion Ratio Lower Upper
96 100
61 145.8 90.1 135.1
98 60.7 46.4 69.6

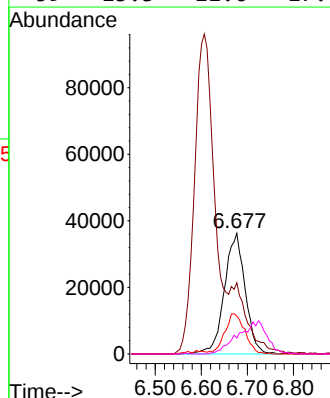
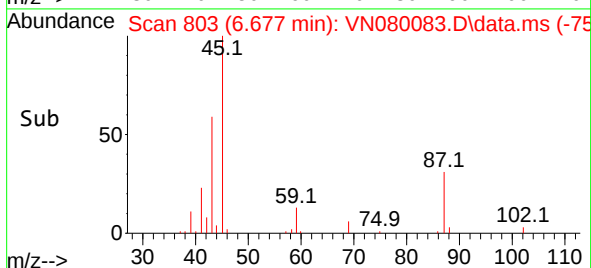
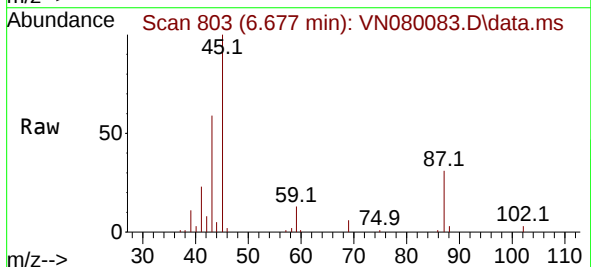
Manual Integrations
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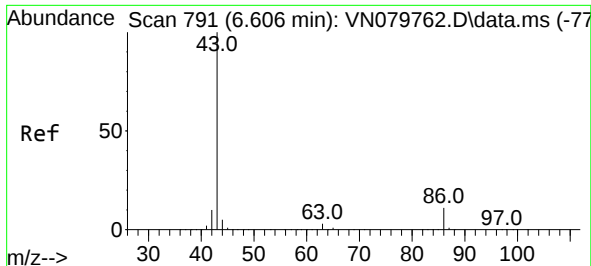
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#22
Diisopropyl ether
Concen: 15.704 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Tgt Ion: 45 Resp: 113258
Ion Ratio Lower Upper
45 100
43 56.6 45.5 68.3
87 31.5 31.8 47.8#
59 13.3 11.6 17.4





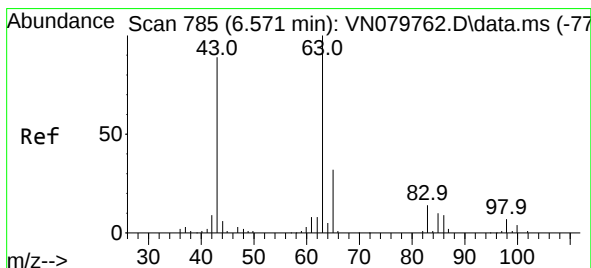
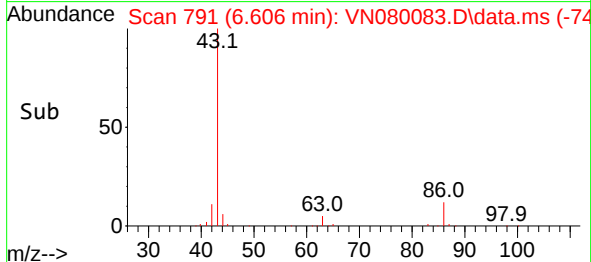
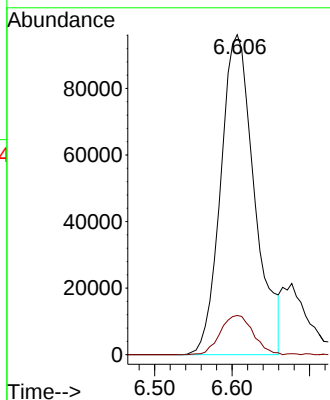
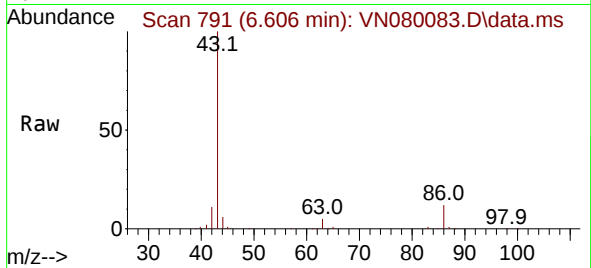
#23
 Vinyl Acetate
 Concen: 73.453 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN080083.D
 Acq: 14 Nov 2023 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD01

Tgt Ion: 43 Resp: 292210
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

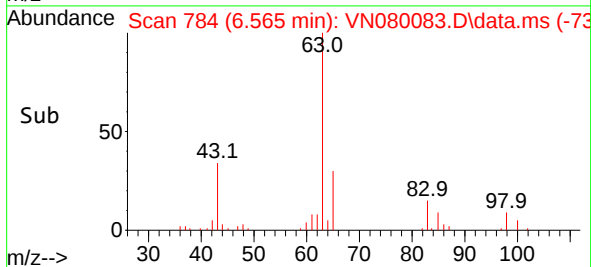
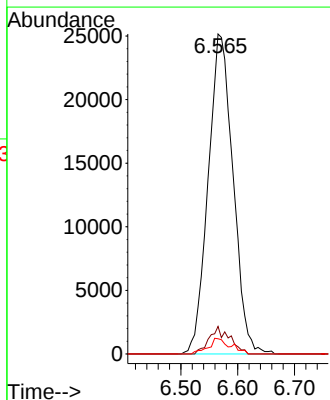
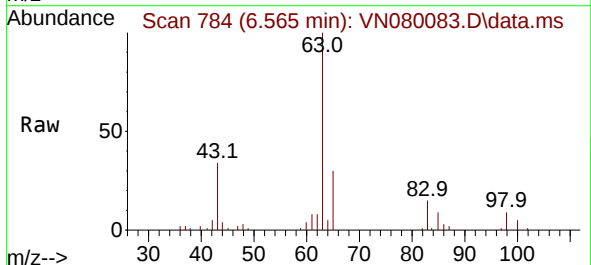
Manual Integrations
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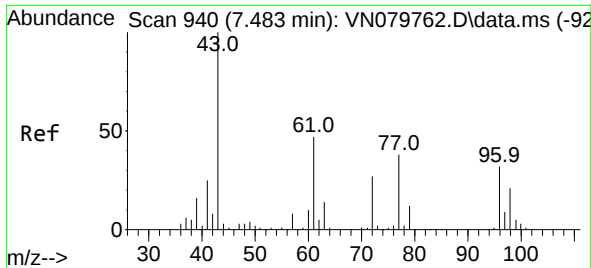
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#24
 1,1-Dichloroethane
 Concen: 17.457 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.005 min
 Lab File: VN080083.D
 Acq: 14 Nov 2023 12:52

Tgt Ion: 63 Resp: 76524
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.7
 100 4.8 2.5 7.4





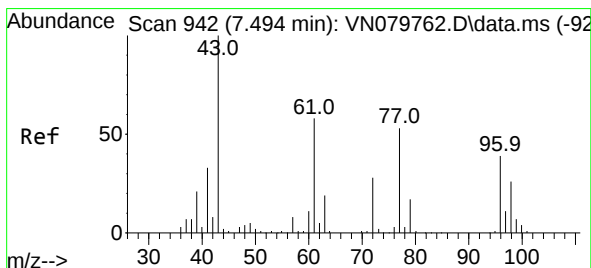
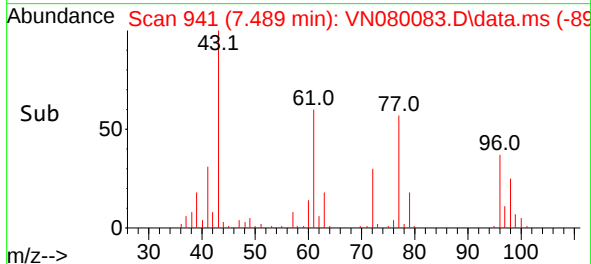
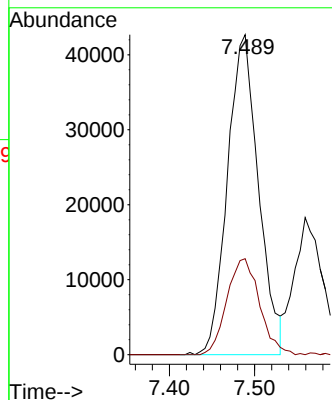
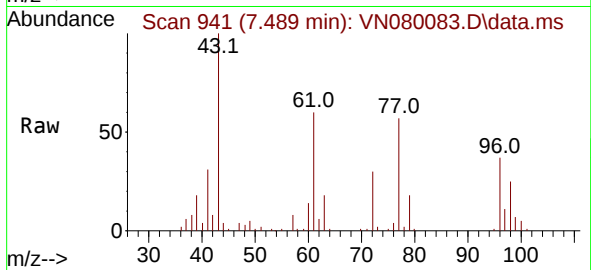
#25
2-Butanone
Concen: 73.030 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 43 Resp: 108035
Ion Ratio Lower Upper
43 100
72 30.0 30.2 45.2

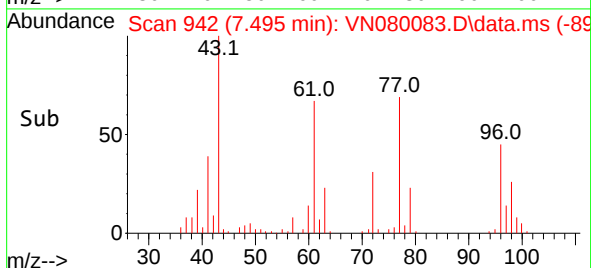
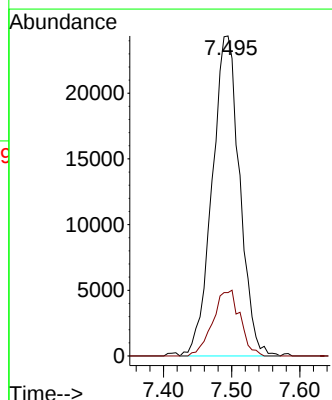
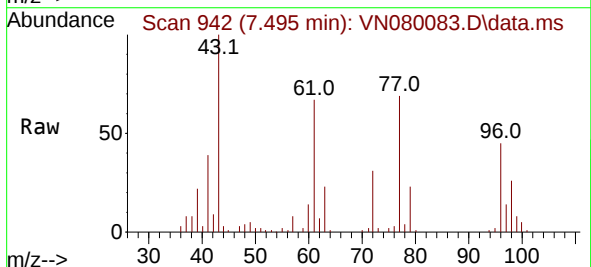
Manual Integrations
APPROVED

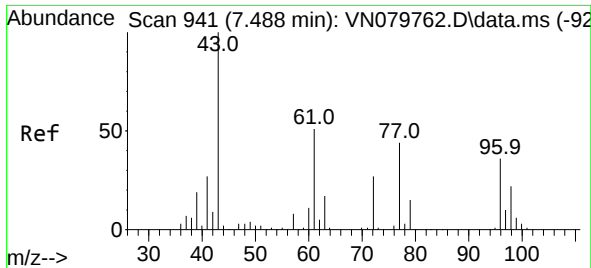
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#26
2,2-Dichloropropane
Concen: 18.880 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

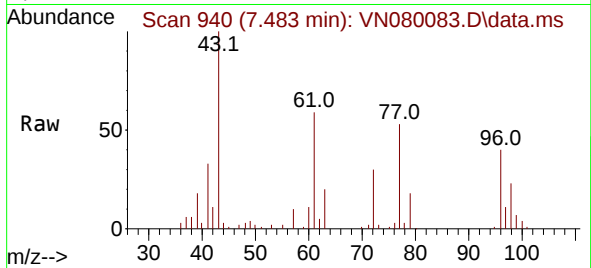
Tgt Ion: 77 Resp: 68446
Ion Ratio Lower Upper
77 100
97 20.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 16.596 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.005 min
 Lab File: VN080083.D
 Acq: 14 Nov 2023 12:52

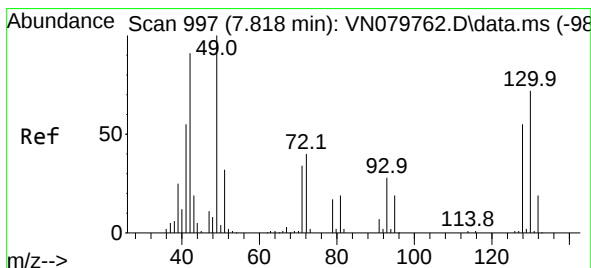
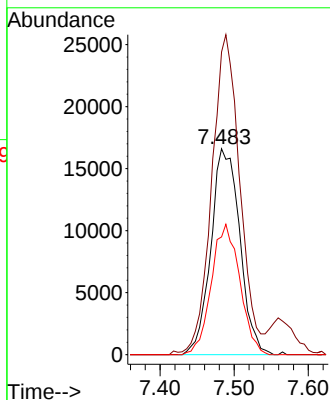
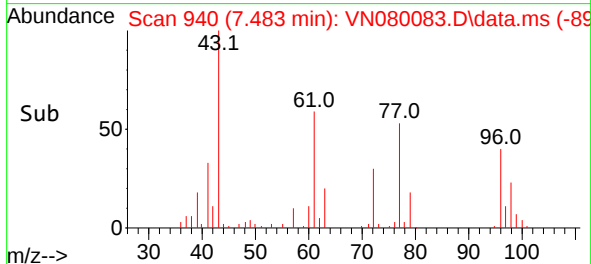
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD01



Tgt Ion: 96 Resp: 4498
 Ion Ratio Lower Upper
 96 100
 61 150.5 0.0 255.2
 98 62.3 0.0 128.8

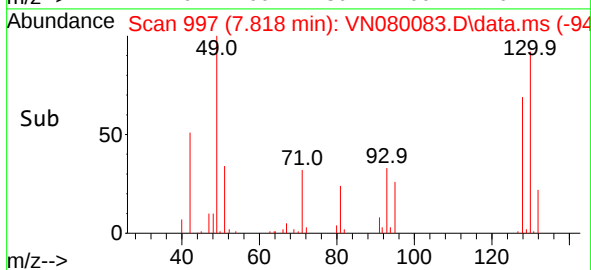
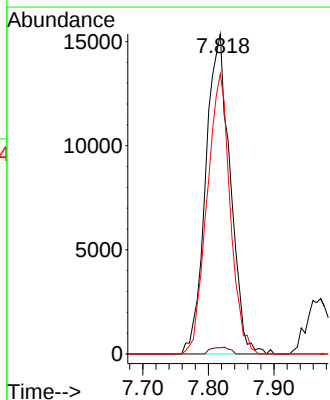
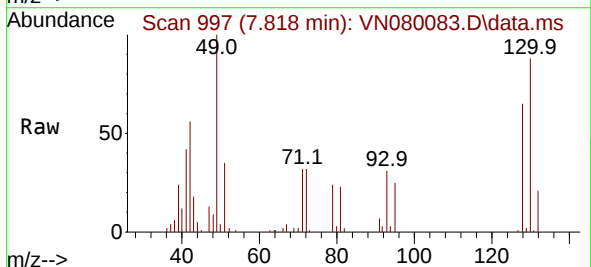
Manual Integrations
 APPROVED

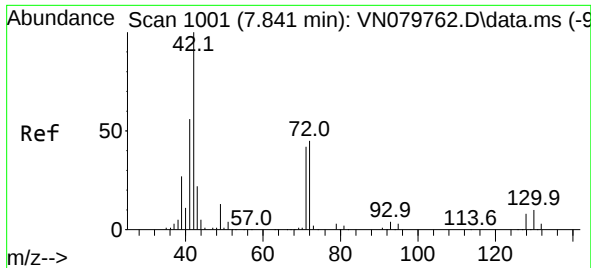
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#28
 Bromochloromethane
 Concen: 18.644 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080083.D
 Acq: 14 Nov 2023 12:52

Tgt Ion: 49 Resp: 39828
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.8
 130 82.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 69.431 ug/l

RT: 7.842 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

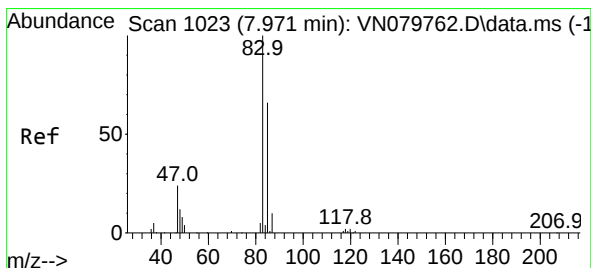
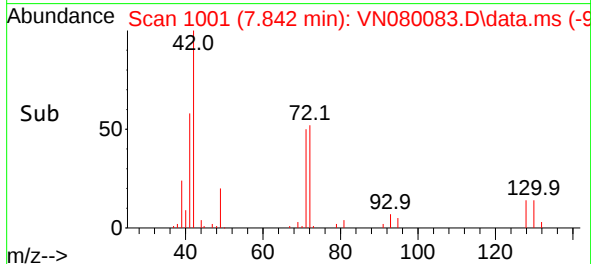
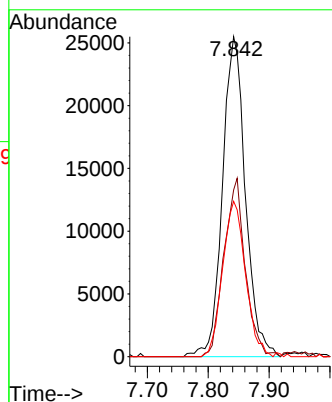
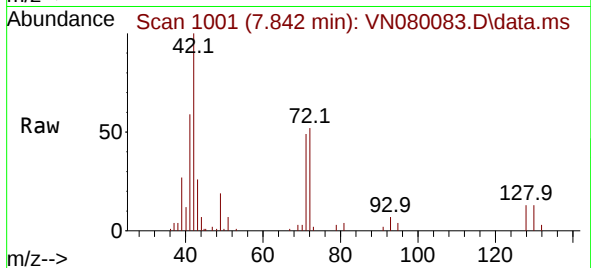
Tgt Ion: 42 Resp: 66825
 Ion Ratio Lower Upper
 42 100
 72 52.0 49.8 74.6
 71 48.5 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#30

Chloroform

Concen: 18.134 ug/l

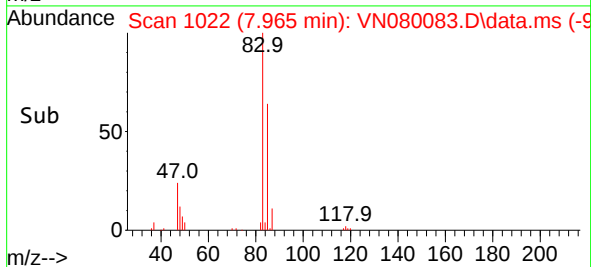
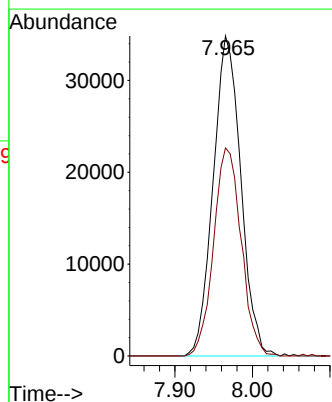
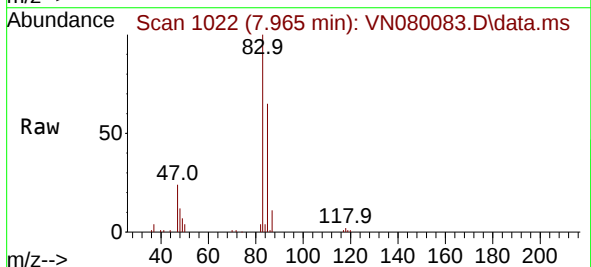
RT: 7.965 min Scan# 1022

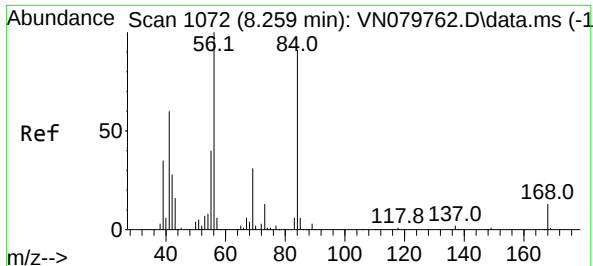
Delta R.T. -0.006 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

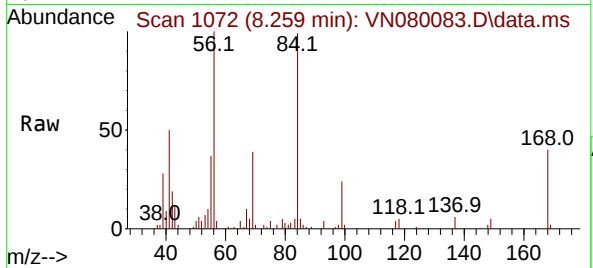
Tgt Ion: 83 Resp: 86348
 Ion Ratio Lower Upper
 83 100
 85 65.0 55.4 83.0





#31
Cyclohexane
Concen: 13.561 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

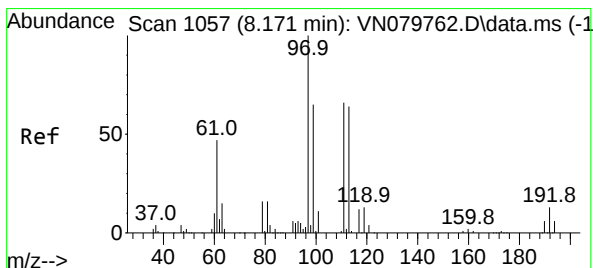
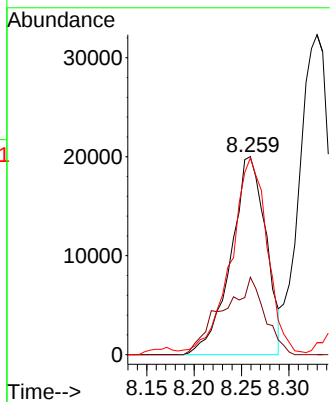
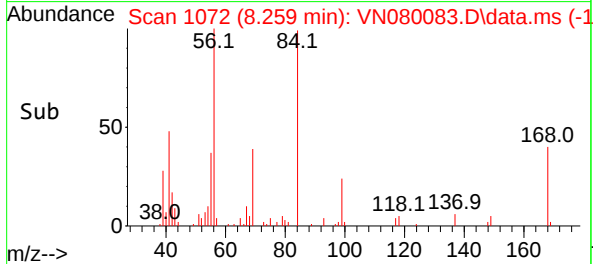
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



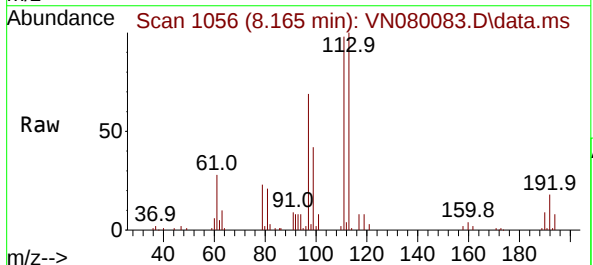
Tgt Ion: 56 Resp: 51538
Ion Ratio Lower Upper
56 100
69 39.1 26.8 40.2
84 97.5 81.8 122.6

Manual Integrations
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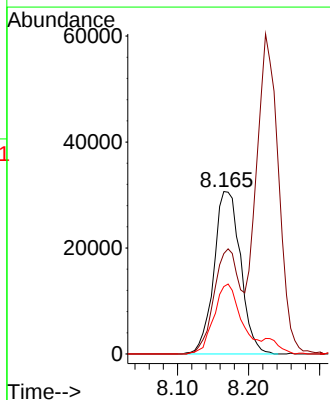
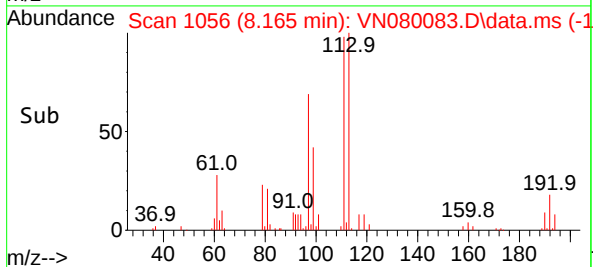
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

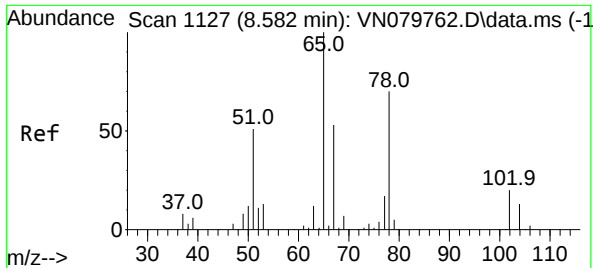


#32
1,1,1-Trichloroethane
Concen: 20.532 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52



Tgt Ion: 97 Resp: 79660
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 44.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.070 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

Tgt Ion: 65 Resp: 14975

Ion Ratio Lower Upper

65 100

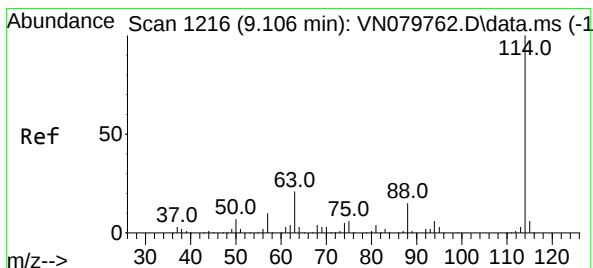
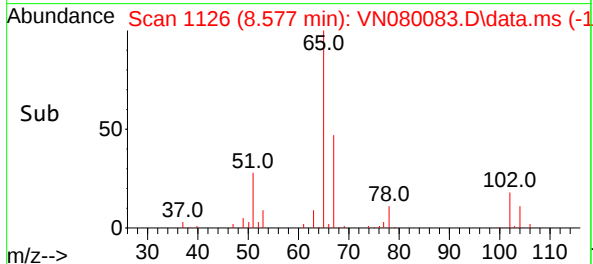
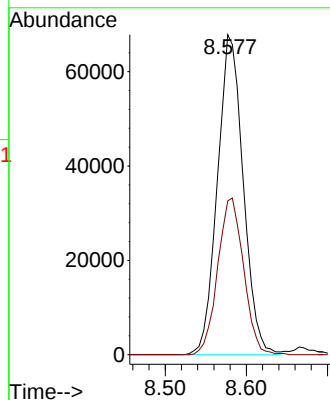
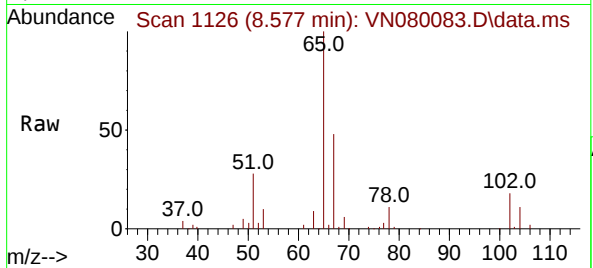
67 49.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.005 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

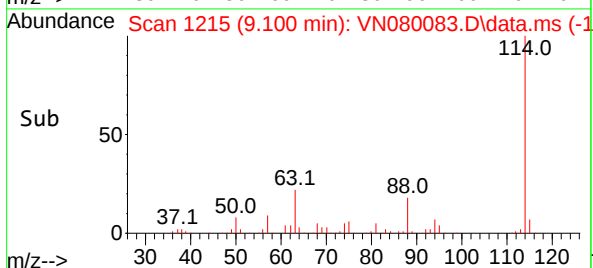
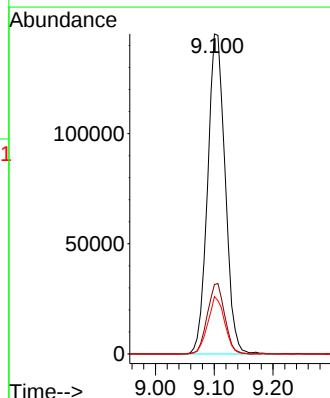
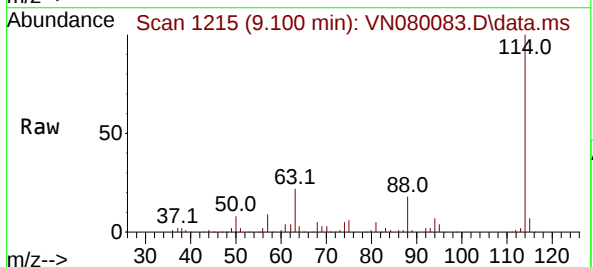
Tgt Ion:114 Resp: 300830

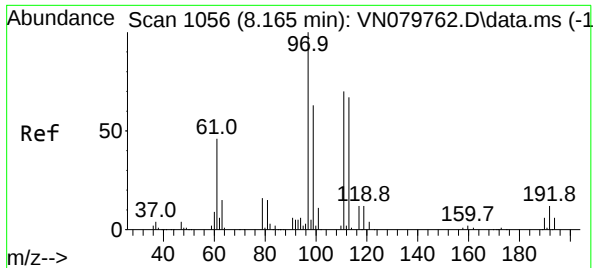
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

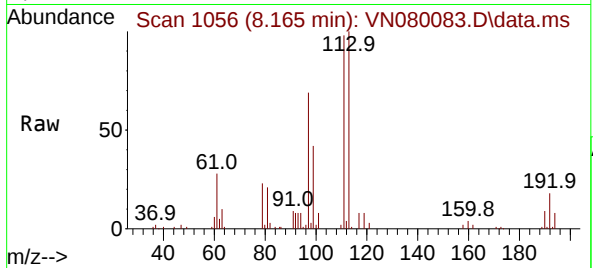
88 18.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.767 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

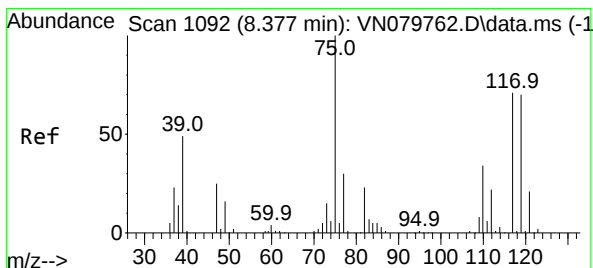
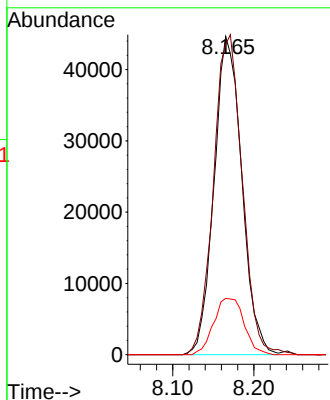
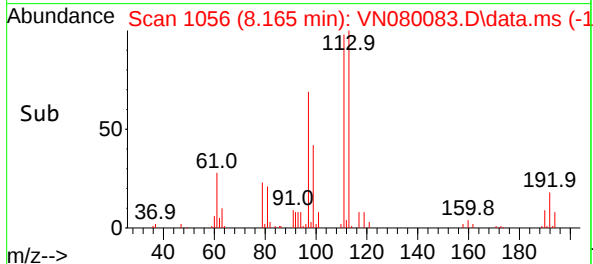
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



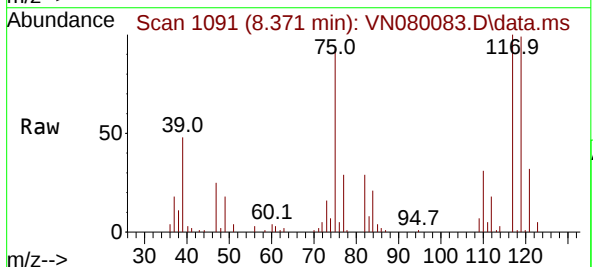
Tgt Ion:113 Resp: 10596
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 19.3 12.7 19.1

Manual Integrations
APPROVED

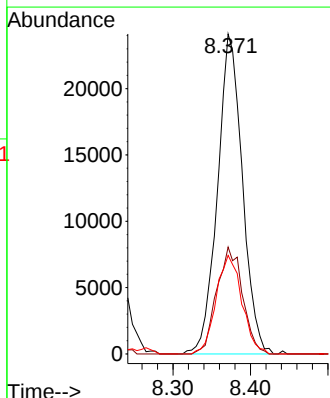
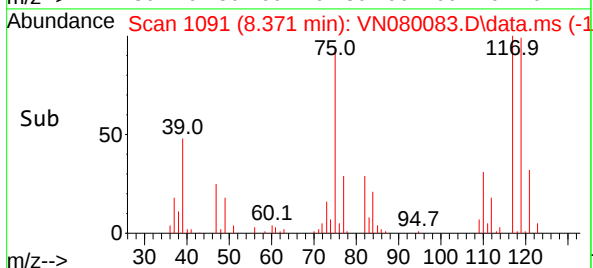
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

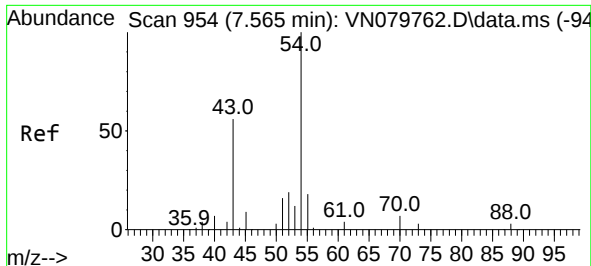


#36
1,1-Dichloropropene
Concen: 17.706 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52



Tgt Ion: 75 Resp: 53828
Ion Ratio Lower Upper
75 100
110 34.7 19.1 57.3
77 31.9 25.0 37.4





#37

Ethyl Acetate

Concen: 15.654 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.005 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

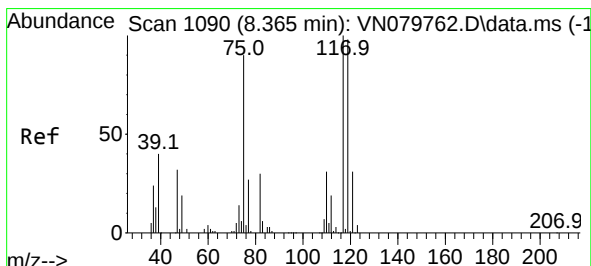
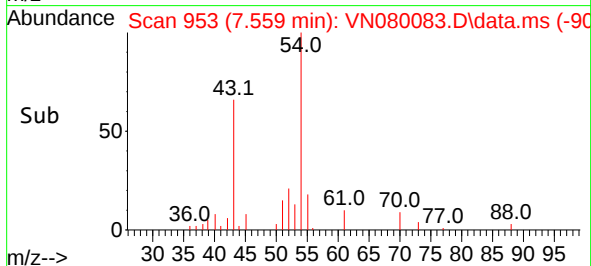
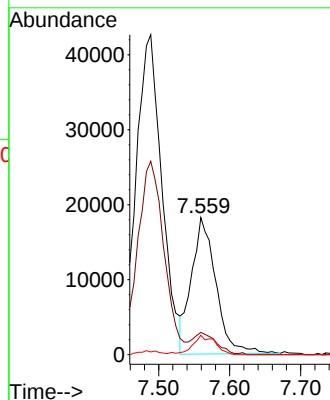
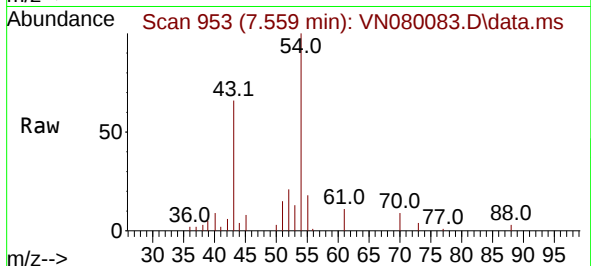
Tgt Ion:	43	Resp:	43640
Ion	Ratio	Lower	Upper
43	100		
61	15.4	13.2	19.8
70	13.0	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#38

Carbon Tetrachloride

Concen: 23.341 ug/l

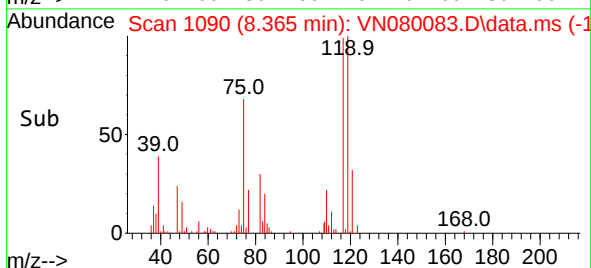
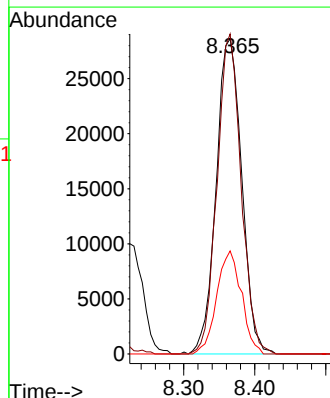
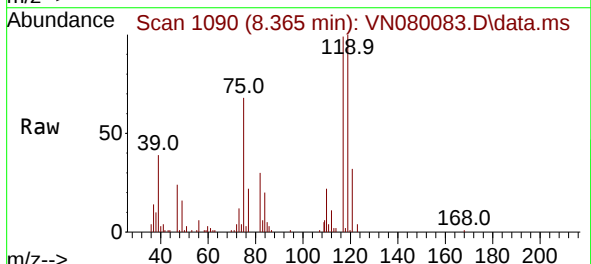
RT: 8.365 min Scan# 1090

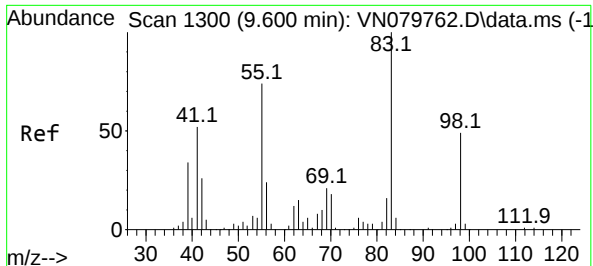
Delta R.T. 0.006 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

Tgt Ion:	117	Resp:	71514
Ion	Ratio	Lower	Upper
117	100		
119	101.5	77.3	115.9
121	32.7	23.3	34.9





#39

Methylcyclohexane

Concen: 15.834 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

Tgt Ion: 83 Resp: 45300

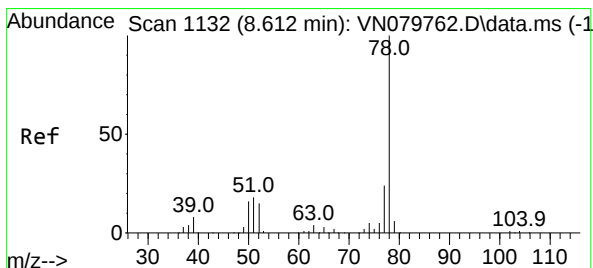
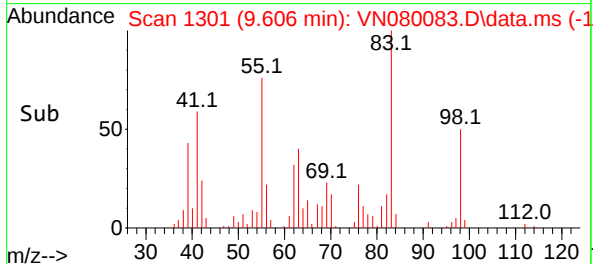
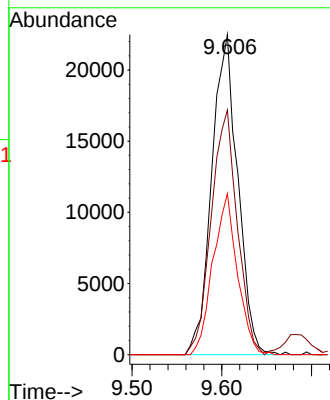
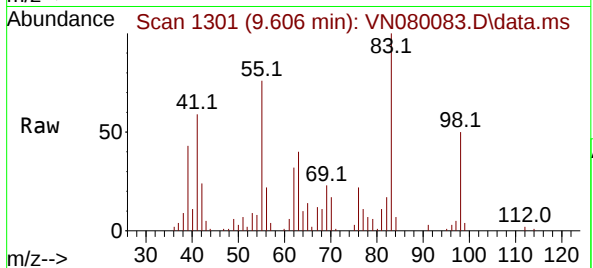
Ion	Ratio	Lower	Upper
83	100		
55	76.5	49.1	73.7
98	50.3	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#40

Benzene

Concen: 17.975 ug/l

RT: 8.612 min Scan# 1132

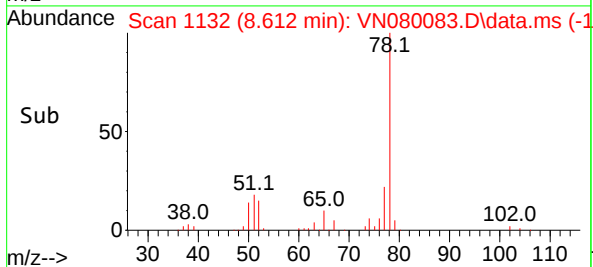
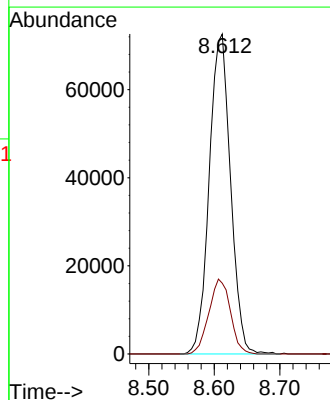
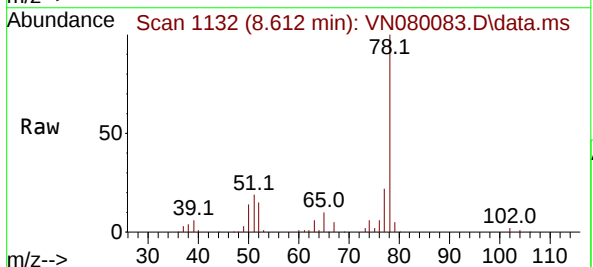
Delta R.T. 0.000 min

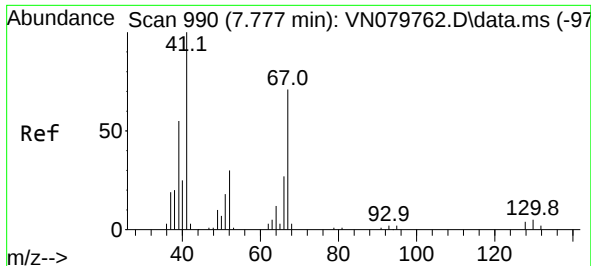
Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

Tgt Ion: 78 Resp: 163669

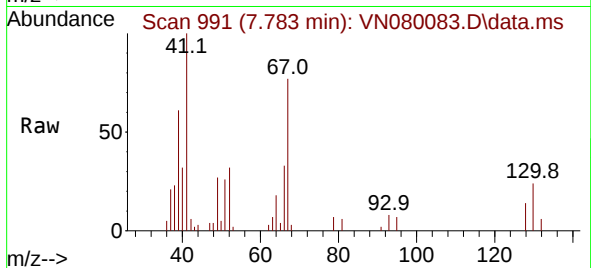
Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.0	28.6





#41
Methacrylonitrile
Concen: 17.280 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

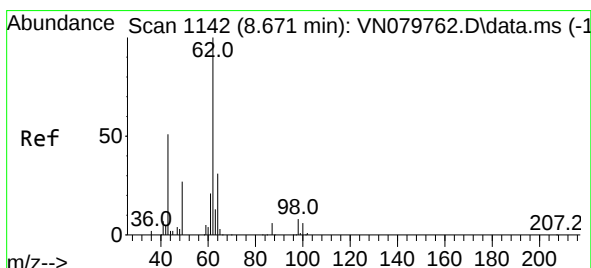
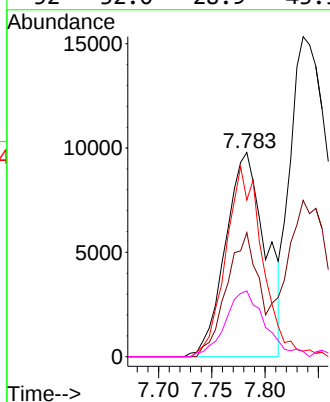
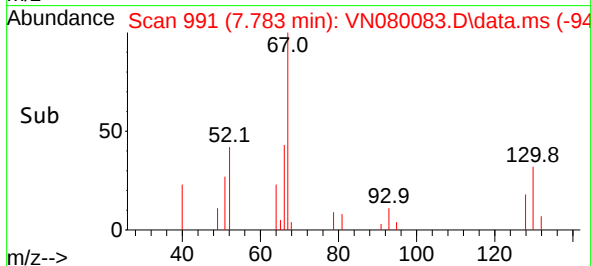
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



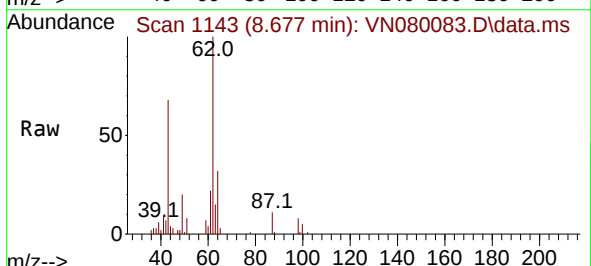
Tgt Ion: 41 Resp: 25584
Ion Ratio Lower Upper
41 100
39 48.0 42.6 64.0
67 85.5 77.5 116.3
52 32.0 28.9 43.3

Manual Integrations
APPROVED

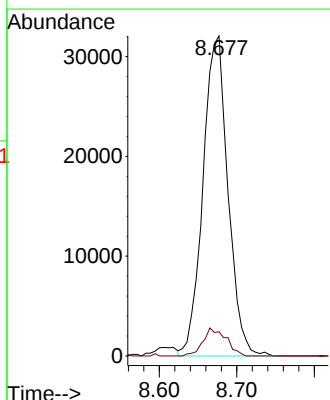
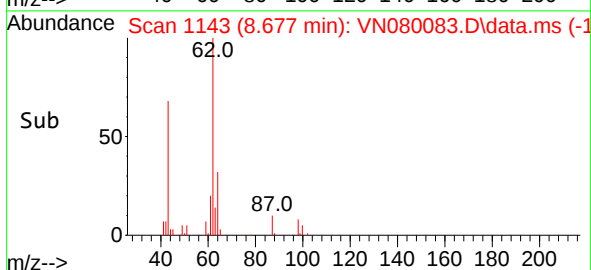
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

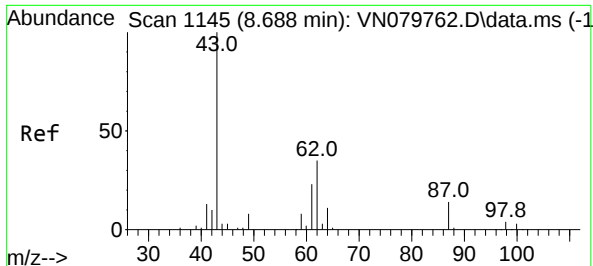


#42
1,2-Dichloroethane
Concen: 22.619 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52



Tgt Ion: 62 Resp: 71943
Ion Ratio Lower Upper
62 100
98 8.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 15.845 ug/l

RT: 8.689 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

Tgt Ion: 43 Resp: 77474

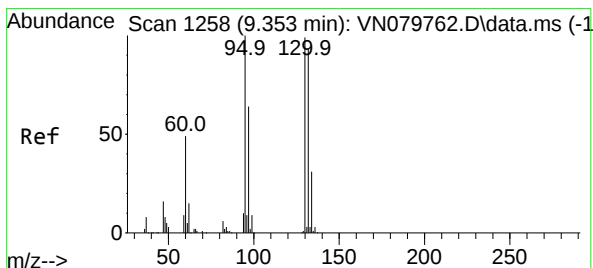
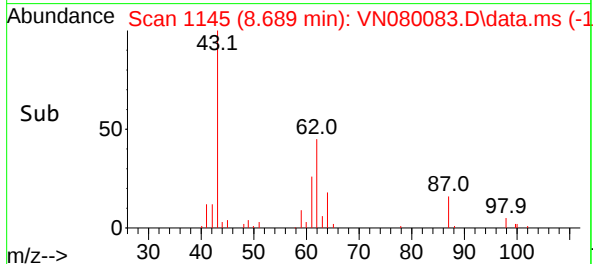
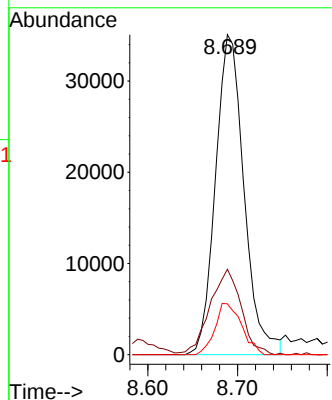
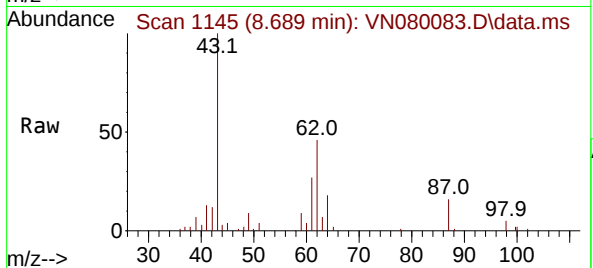
Ion	Ratio	Lower	Upper
43	100		
61	29.2	24.7	37.1
87	14.9	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#44

Trichloroethene

Concen: 18.041 ug/l

RT: 9.353 min Scan# 1258

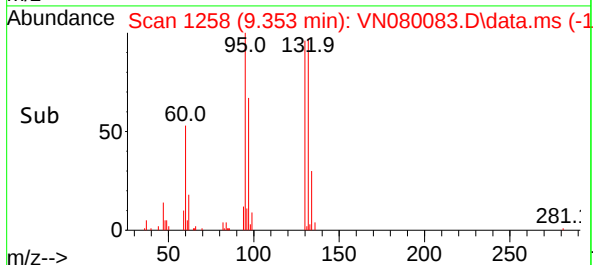
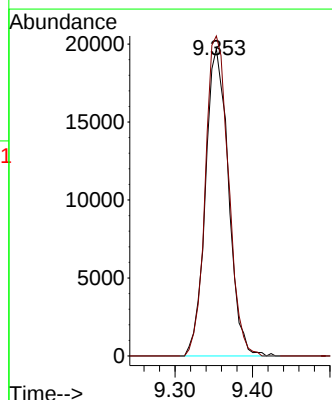
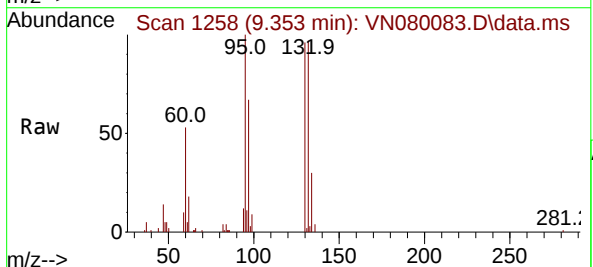
Delta R.T. 0.000 min

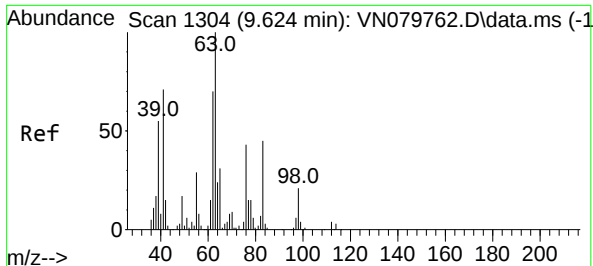
Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

Tgt Ion:130 Resp: 40762

Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	204.6





#45

1,2-Dichloropropane

Concen: 17.745 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

Tgt Ion: 63 Resp: 4129

Ion Ratio Lower Upper

63 100

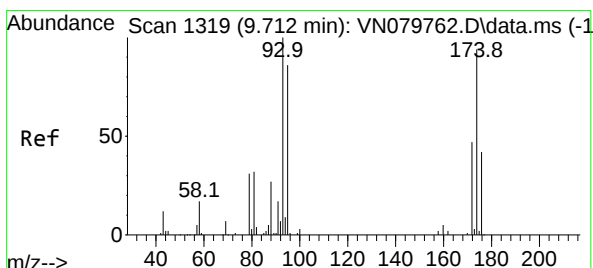
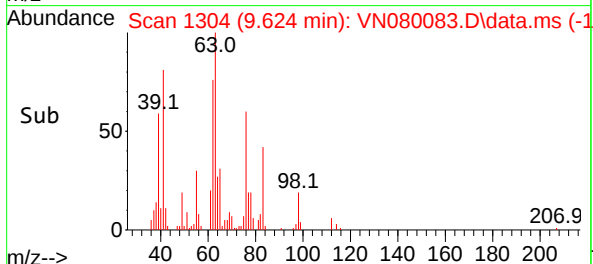
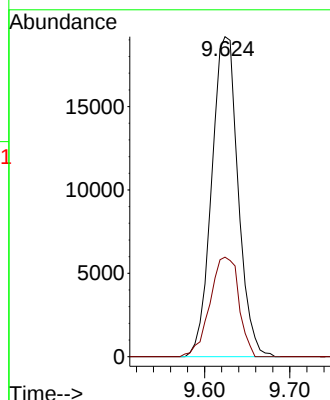
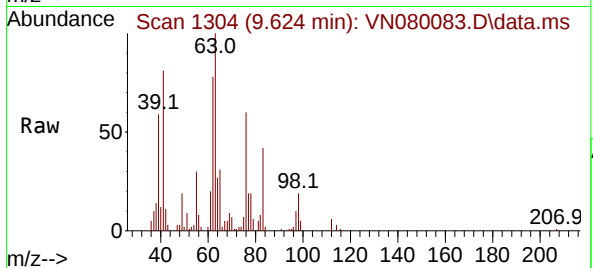
65 31.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#46

Dibromomethane

Concen: 19.478 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

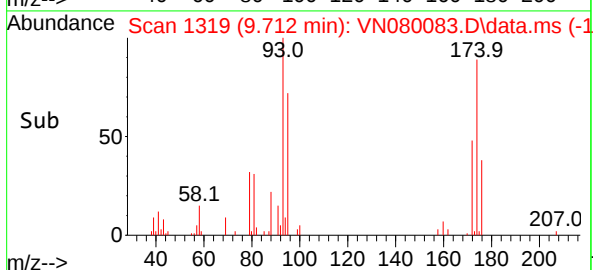
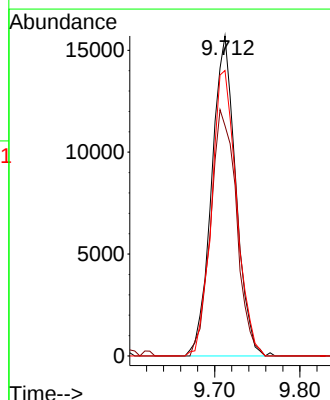
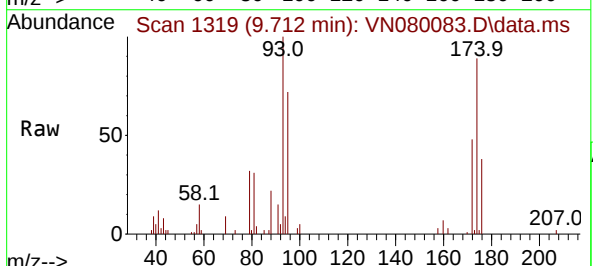
Tgt Ion: 93 Resp: 30948

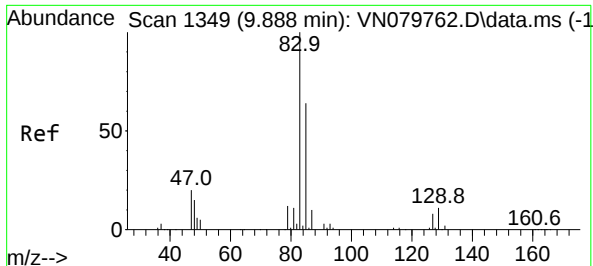
Ion Ratio Lower Upper

93 100

95 82.2 63.8 95.8

174 92.5 65.6 98.4





#47

Bromodichloromethane

Concen: 20.524 ug/l

RT: 9.889 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

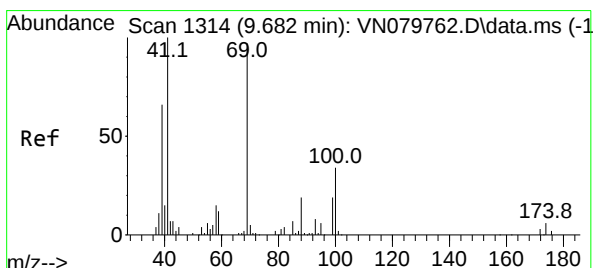
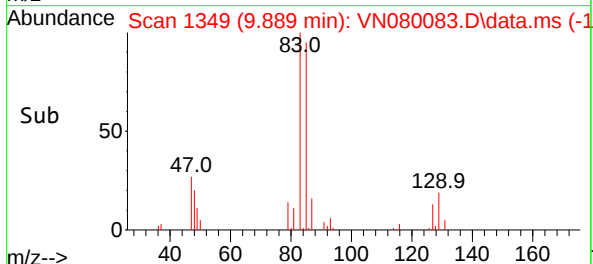
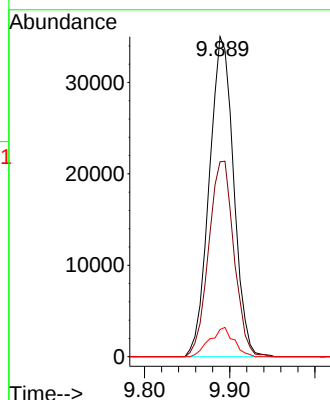
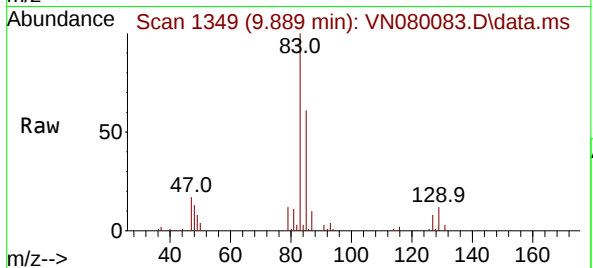
Tgt Ion:	83	Resp:	69540
Ion Ratio	Lower	Upper	
83	100		
85	60.9	49.6	74.4
127	8.5	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#48

Methyl methacrylate

Concen: 16.775 ug/l

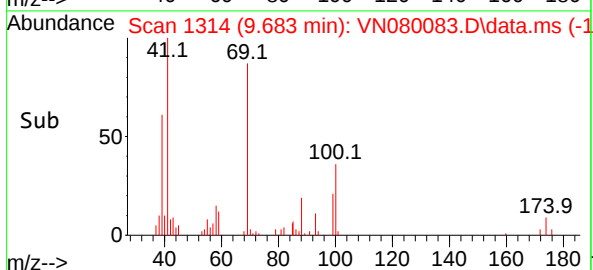
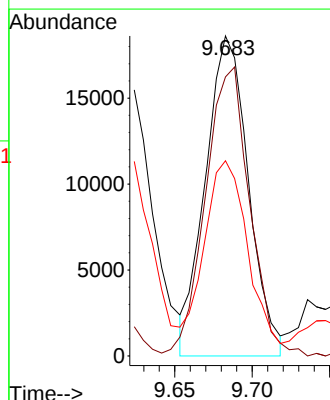
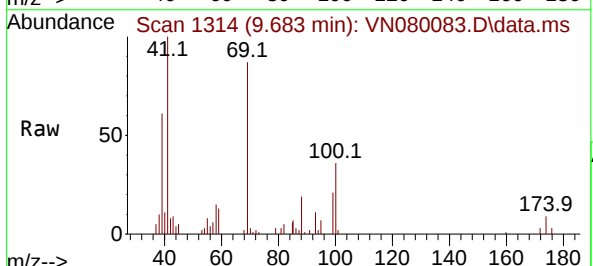
RT: 9.683 min Scan# 1314

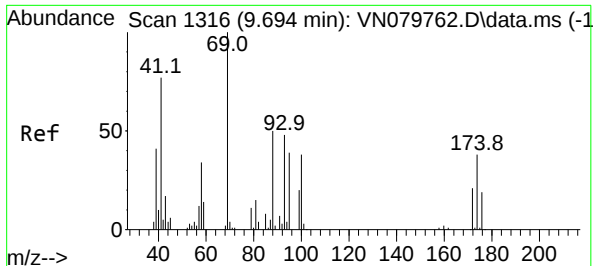
Delta R.T. 0.000 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

Tgt Ion:	41	Resp:	35927
Ion Ratio	Lower	Upper	
41	100		
69	93.0	90.4	135.6
39	62.9	54.6	81.8





#49

1,4-Dioxane

Concen: 364.453 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

Tgt Ion: 88 Resp: 13792

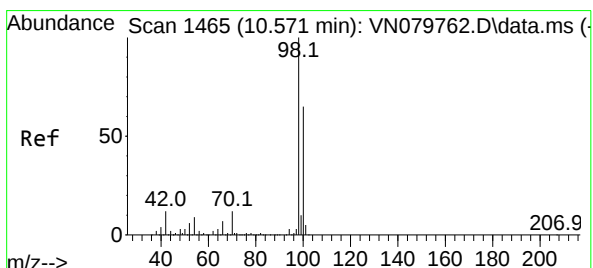
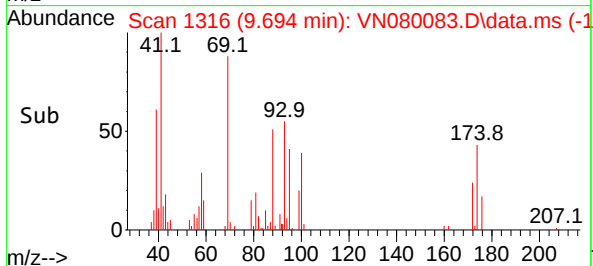
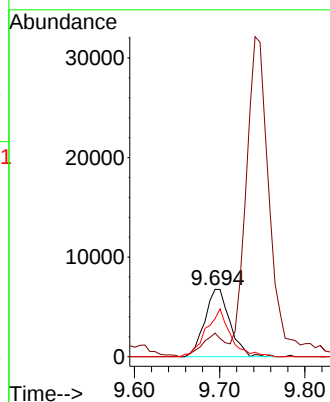
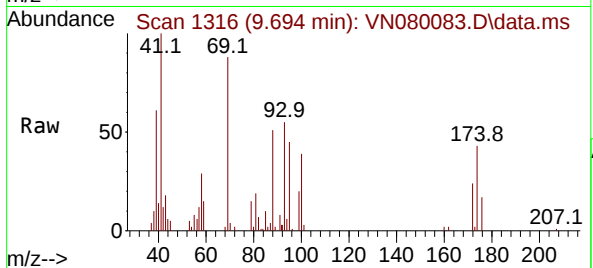
Ion	Ratio	Lower	Upper
88	100		
43	31.5	17.0	25.6
58	69.3	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#50

Toluene-d8

Concen: 47.130 ug/l

RT: 10.571 min Scan# 1465

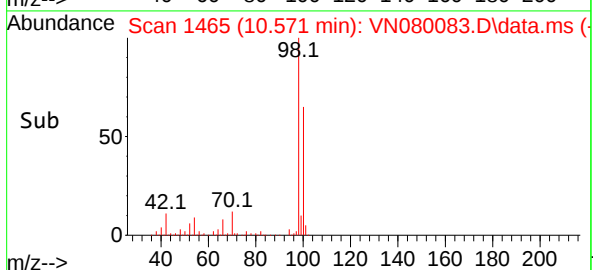
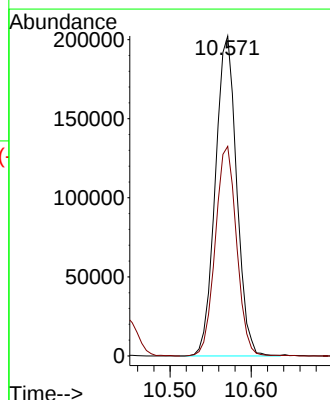
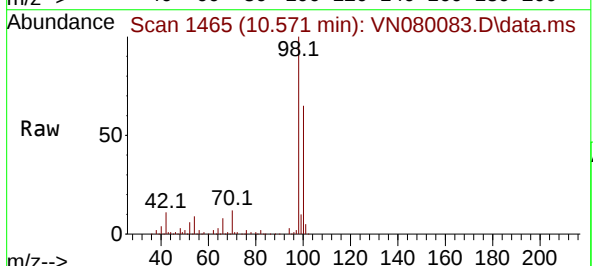
Delta R.T. 0.000 min

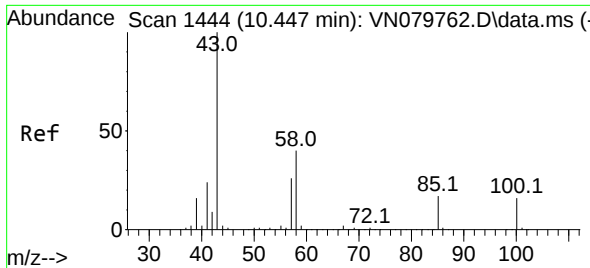
Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

Tgt Ion: 98 Resp: 369410

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.0	78.0





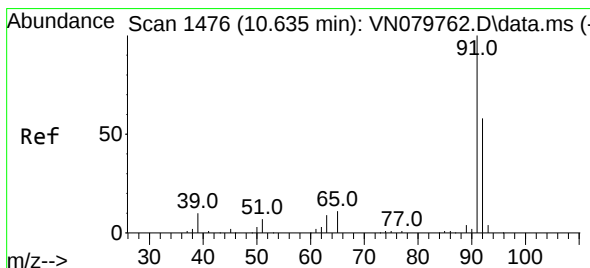
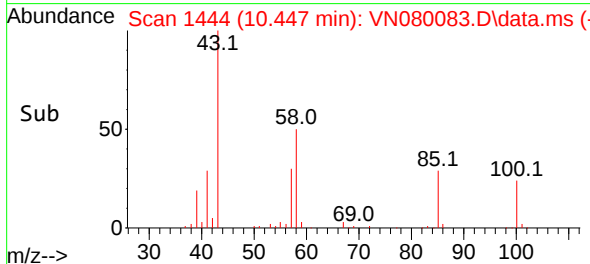
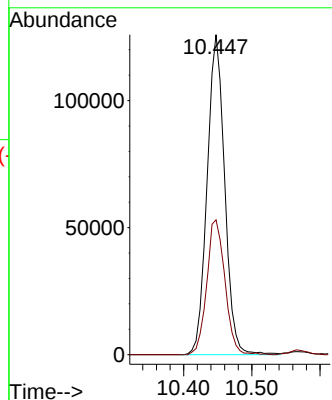
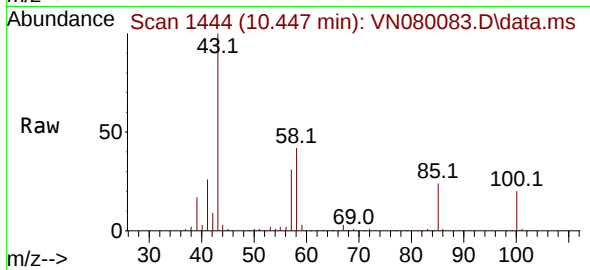
#51
4-Methyl-2-Pentanone
Concen: 81.988 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 43 Resp: 22569
Ion Ratio Lower Upper
43 100
58 43.8 36.6 54.8

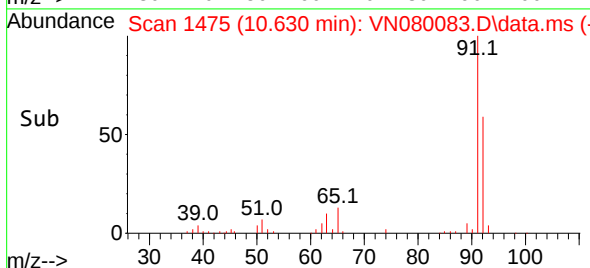
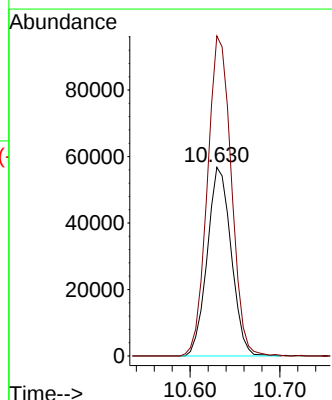
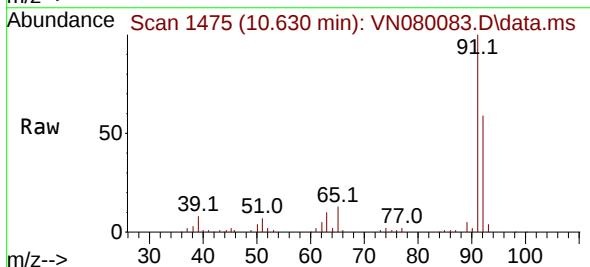
Manual Integrations
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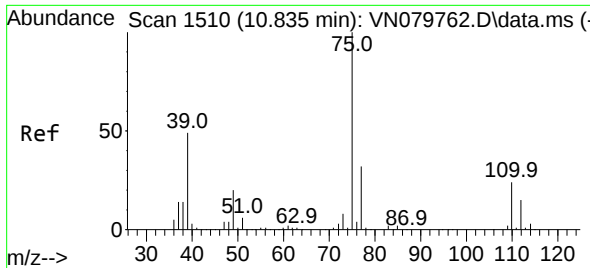
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#52
Toluene
Concen: 19.446 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.005 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Tgt Ion: 92 Resp: 104969
Ion Ratio Lower Upper
92 100
91 169.8 137.4 206.0





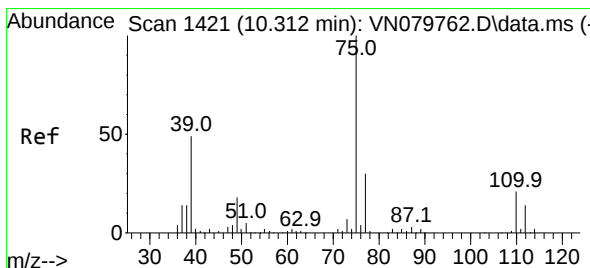
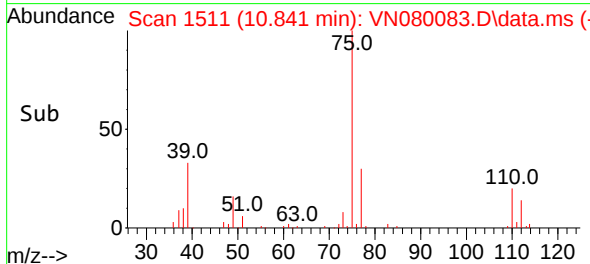
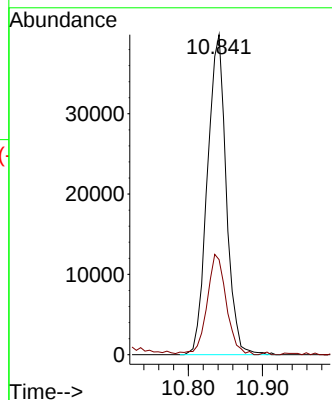
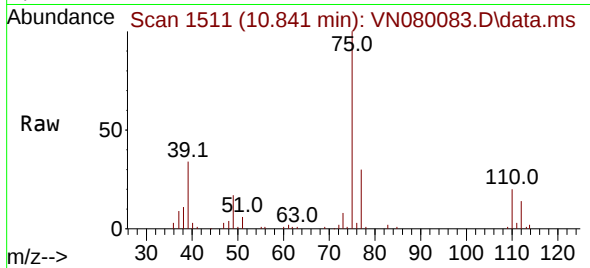
#53
 t-1,3-Dichloropropene
 Concen: 21.189 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN080083.D
 Acq: 14 Nov 2023 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD01

Tgt Ion: 75 Resp: 7038
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.4 38.0

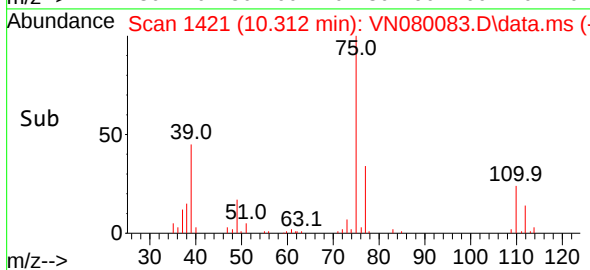
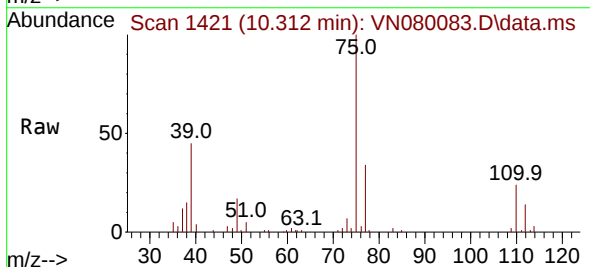
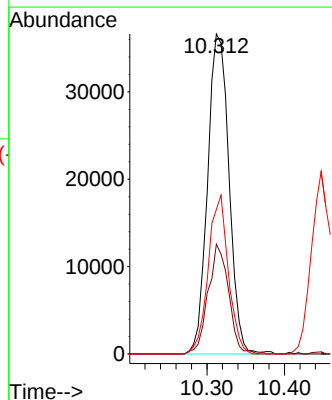
Manual Integrations
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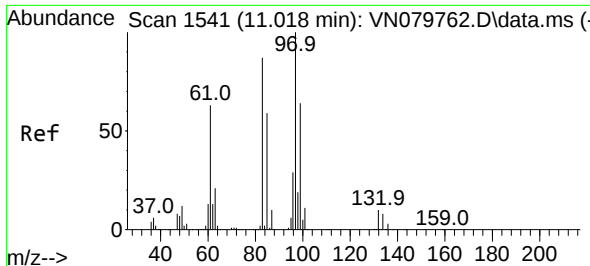
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.440 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.005 min
 Lab File: VN080083.D
 Acq: 14 Nov 2023 12:52

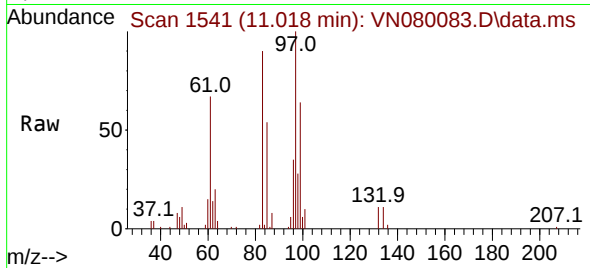
Tgt Ion: 75 Resp: 70389
 Ion Ratio Lower Upper
 75 100
 77 34.3 26.1 39.1
 39 45.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.698 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

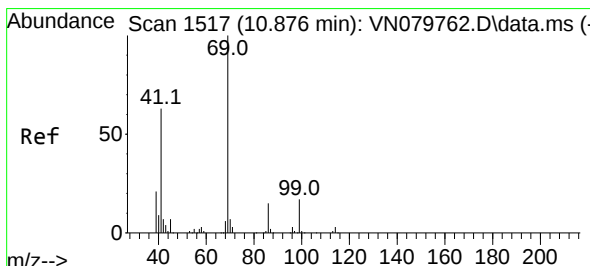
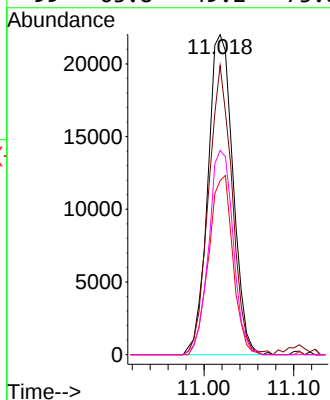
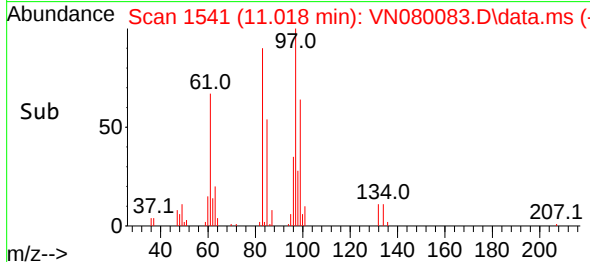
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



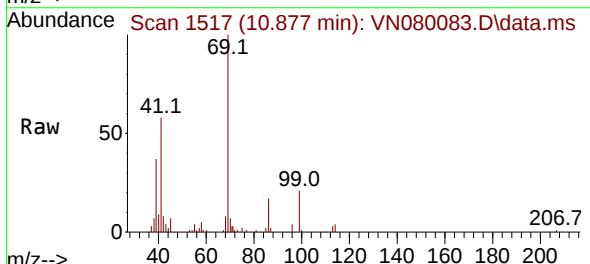
Tgt Ion:	97	Resp:	42769
Ion	Ratio	Lower	Upper
97	100		
83	90.4	65.1	97.7
85	54.4	43.4	65.2
99	63.8	49.2	73.8

Manual Integrations
APPROVED

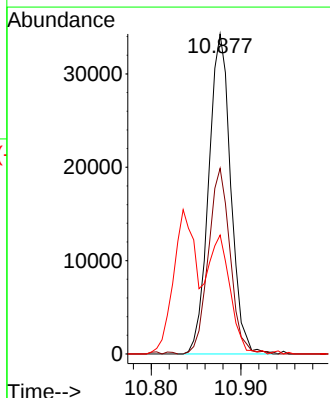
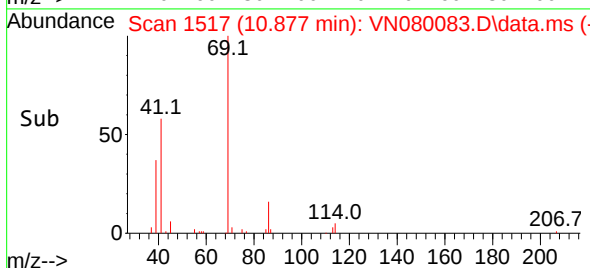
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#56
Ethyl methacrylate
Concen: 18.897 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52



Tgt Ion:	69	Resp:	58524
Ion	Ratio	Lower	Upper
69	100		
41	57.2	39.6	59.4
39	34.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.731 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080083.D

Acq: 14 Nov 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

Tgt Ion: 76 Resp: 7551

Ion Ratio Lower Upper

76 100

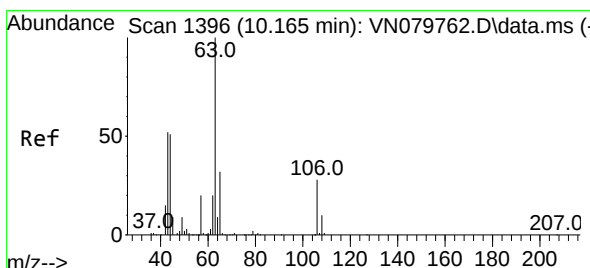
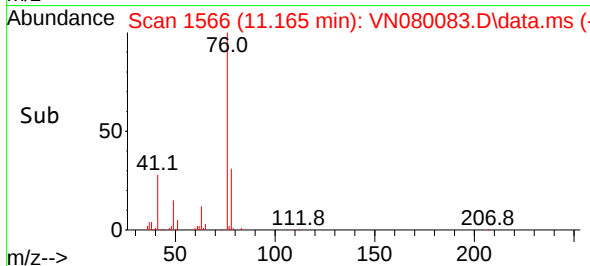
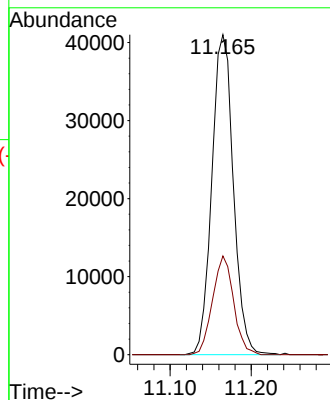
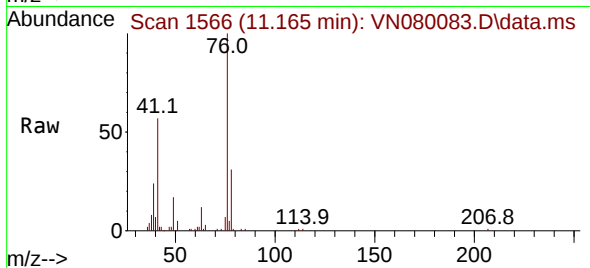
78 30.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 99.539 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN080083.D

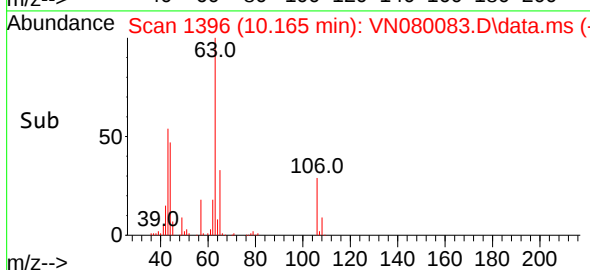
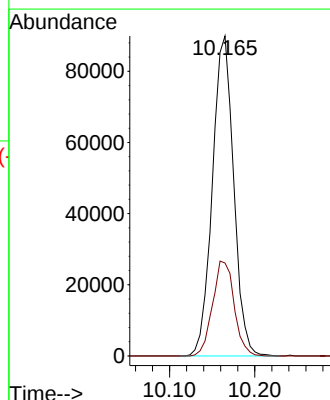
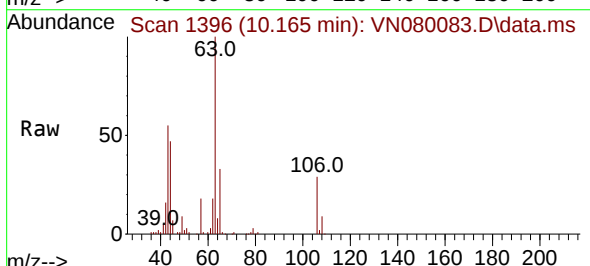
Acq: 14 Nov 2023 12:52

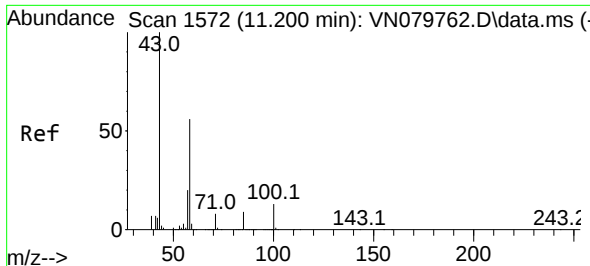
Tgt Ion: 63 Resp: 156244

Ion Ratio Lower Upper

63 100

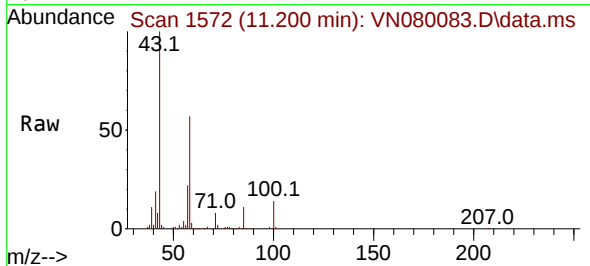
106 30.1 26.2 39.4





#59
2-Hexanone
Concen: 78.724 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

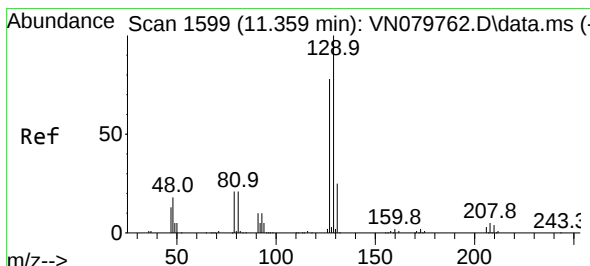
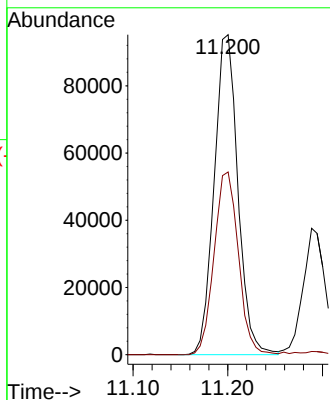
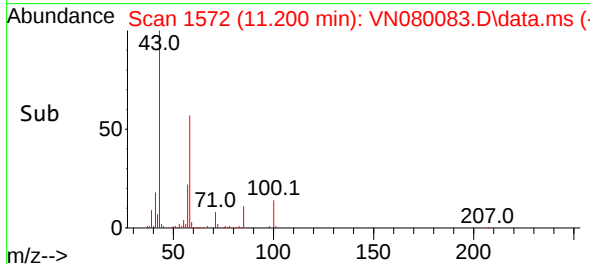
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 43 Resp: 165780
Ion Ratio Lower Upper
43 100
58 58.4 31.7 95.1

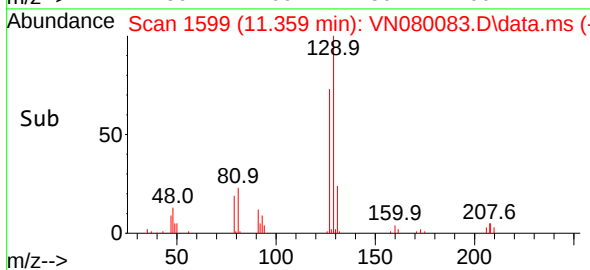
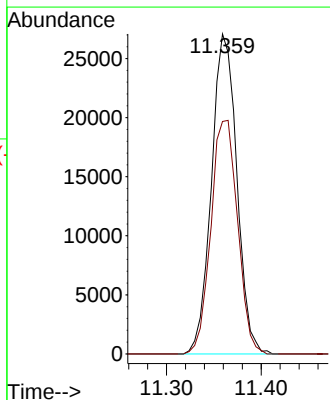
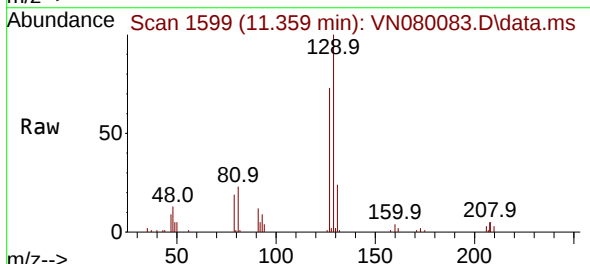
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#60
Dibromochloromethane
Concen: 21.705 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.005 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

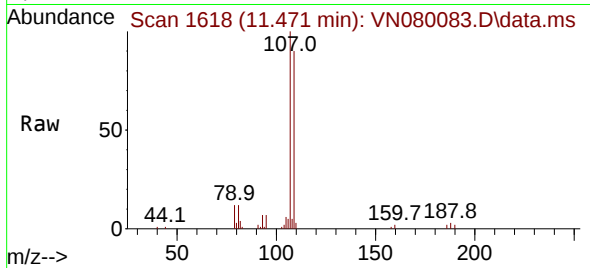
Tgt Ion:129 Resp: 50445
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.223 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

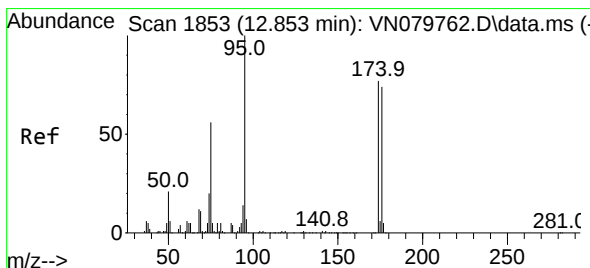
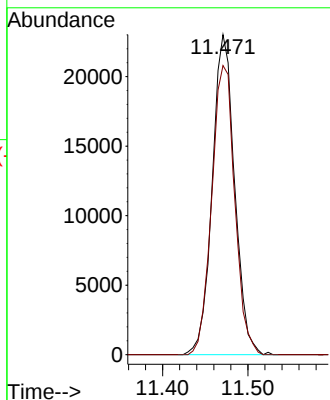
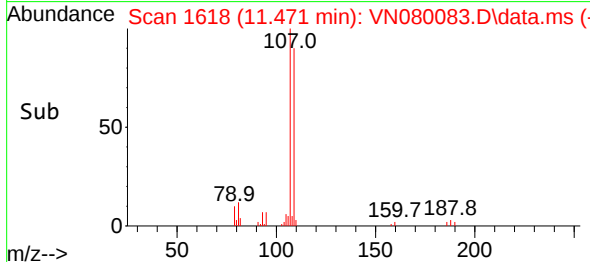
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



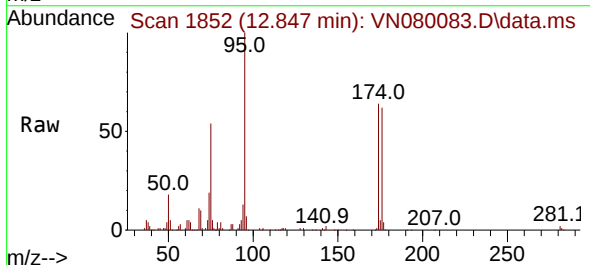
Tgt Ion:107 Resp: 41892
Ion Ratio Lower Upper
107 100
109 93.2 76.6 114.8

Manual Integrations
APPROVED

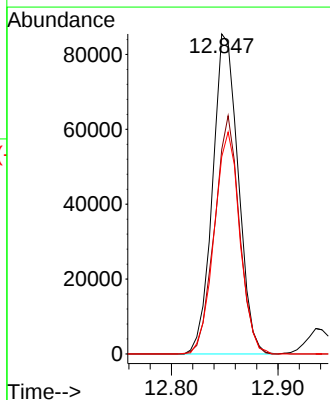
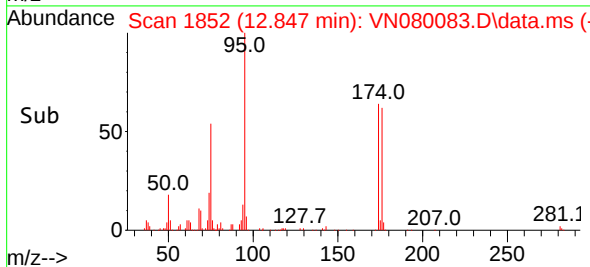
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

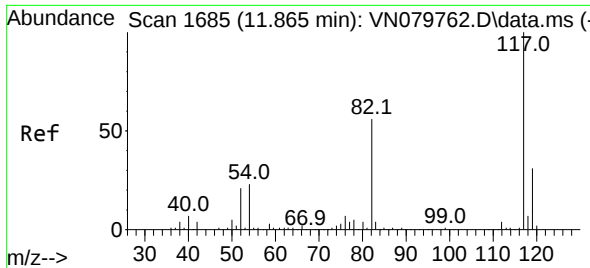


#62
4-Bromofluorobenzene
Concen: 54.822 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.005 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52



Tgt Ion: 95 Resp: 142512
Ion Ratio Lower Upper
95 100
174 72.1 0.0 143.8
176 69.6 0.0 135.8





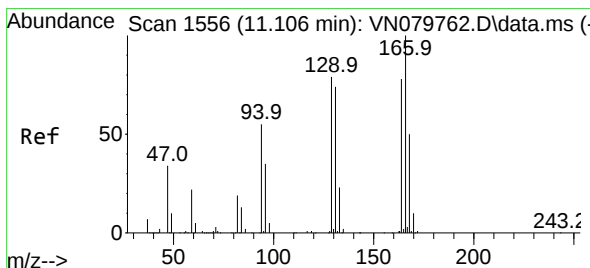
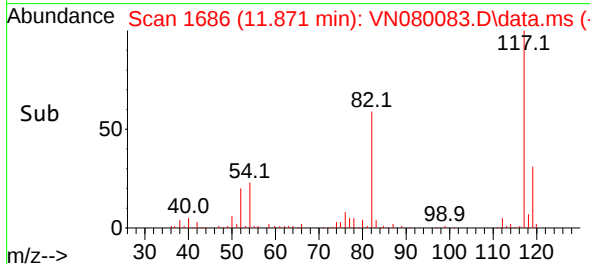
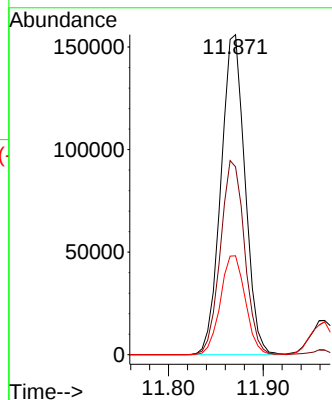
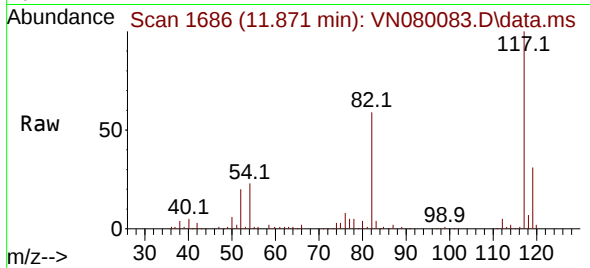
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:117 Resp: 275310
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 30.9 25.6 38.4

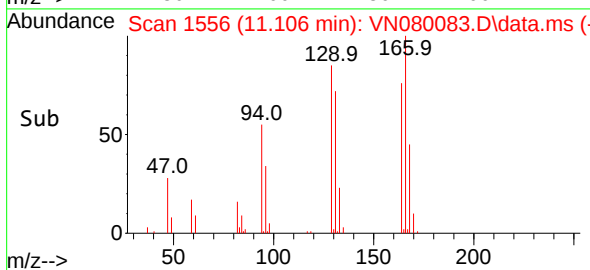
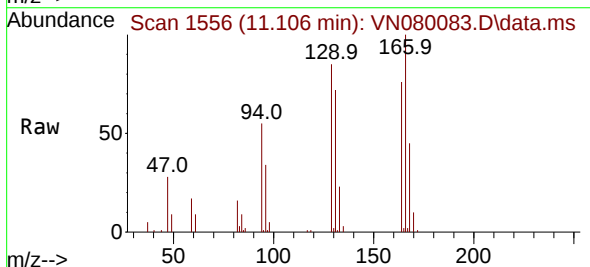
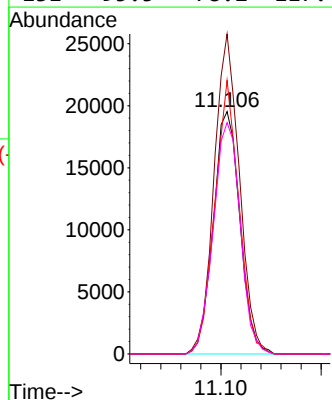
Manual Integrations
APPROVED

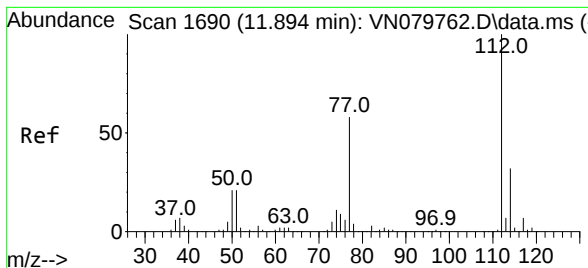
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#64
Tetrachloroethene
Concen: 20.122 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

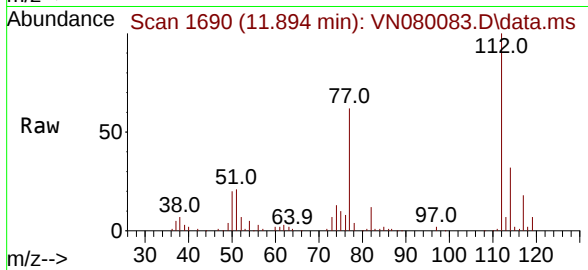
Tgt Ion:164 Resp: 35880
Ion Ratio Lower Upper
164 100
166 132.0 101.4 152.0
129 112.9 82.4 123.6
131 95.5 78.2 117.4





#65
Chlorobenzene
Concen: 18.346 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

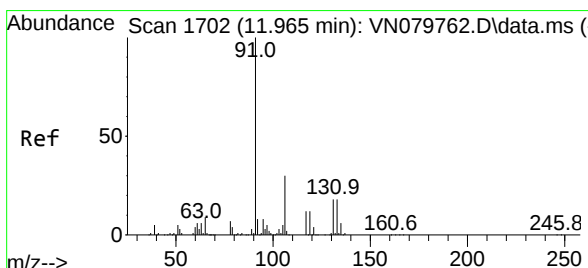
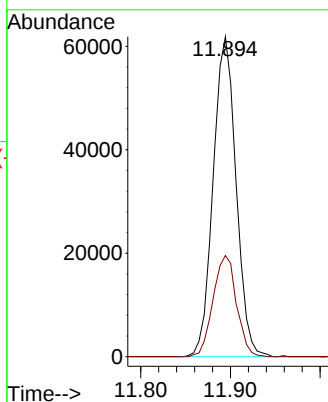
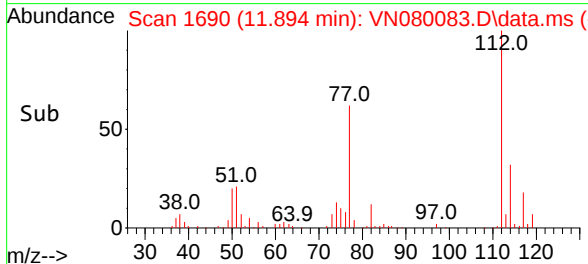
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



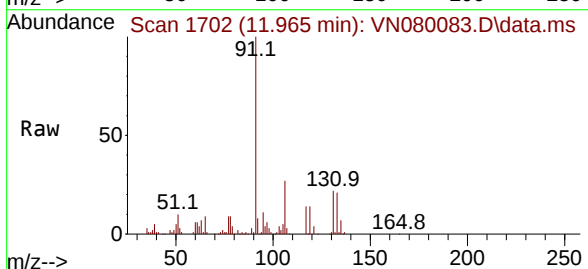
Tgt Ion:112 Resp: 10956
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4

Manual Integrations
APPROVED

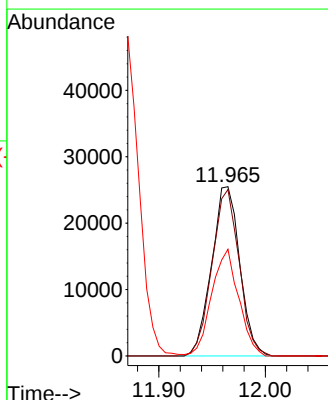
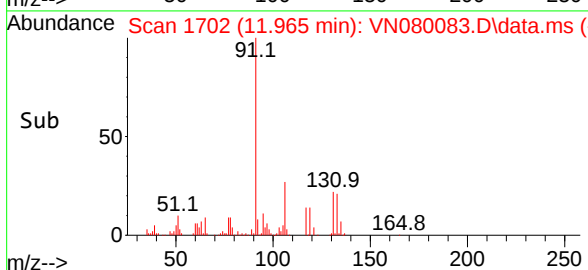
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

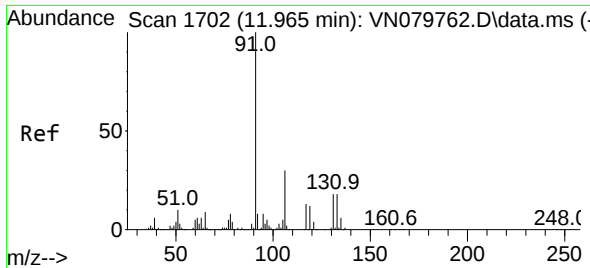


#66
1,1,1,2-Tetrachloroethane
Concen: 21.784 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52



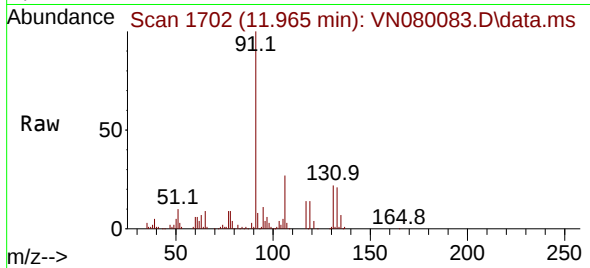
Tgt Ion:131 Resp: 46872
Ion Ratio Lower Upper
131 100
133 94.6 46.4 139.1
119 60.4 34.1 102.2





#67
Ethyl Benzene
Concen: 18.754 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

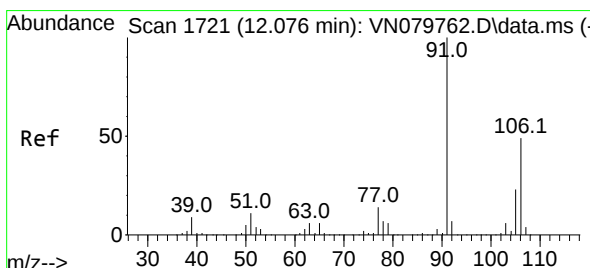
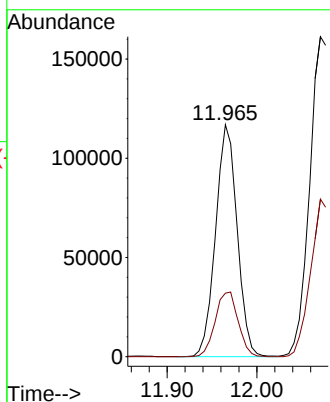
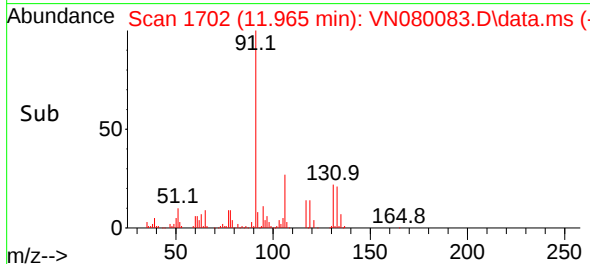
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



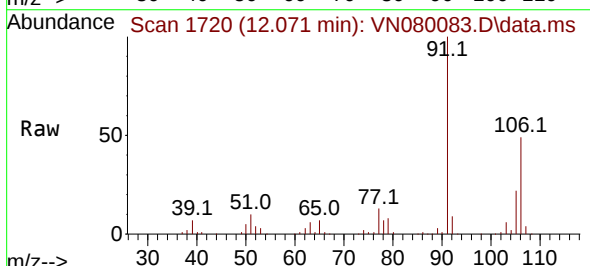
Tgt Ion: 91 Resp: 19513
Ion Ratio Lower Upper
91 100
106 27.4 25.6 38.4

Manual Integrations
APPROVED

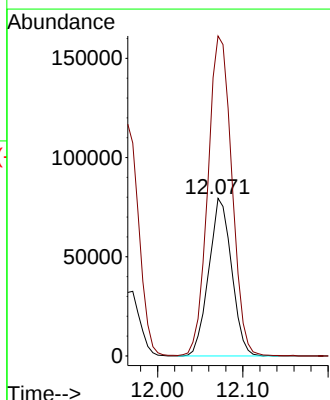
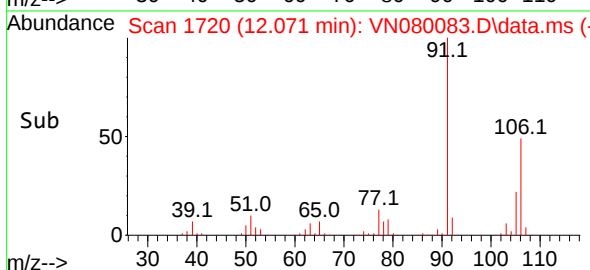
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

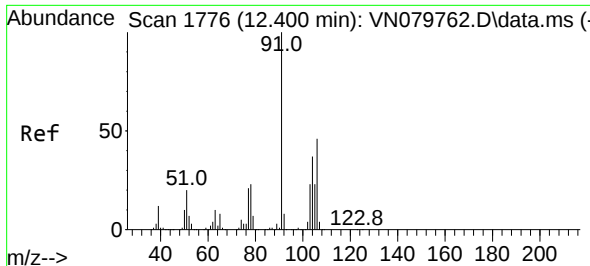


#68
m/p-Xylenes
Concen: 38.139 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52



Tgt Ion:106 Resp: 147828
Ion Ratio Lower Upper
106 100
91 212.8 159.6 239.4





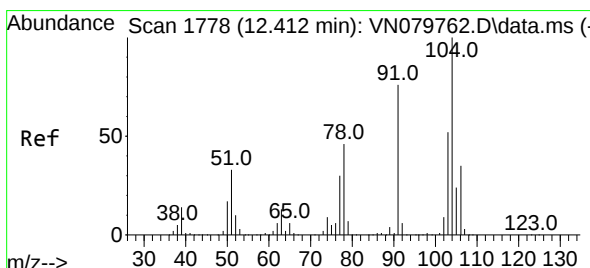
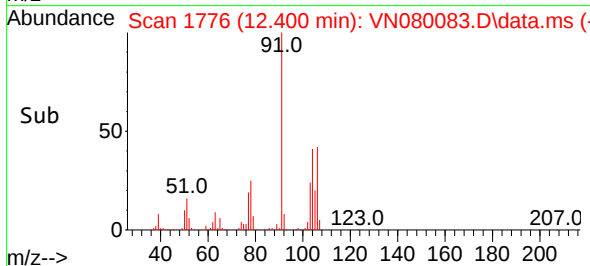
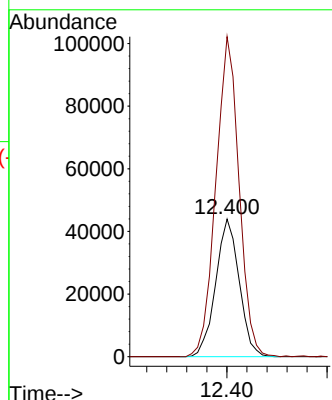
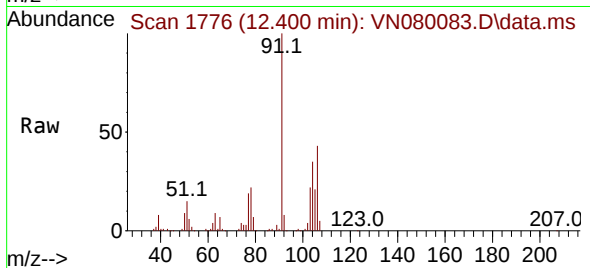
#69
o-Xylene
Concen: 19.160 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:106 Resp: 71511
Ion Ratio Lower Upper
106 100
91 229.3 105.2 315.5

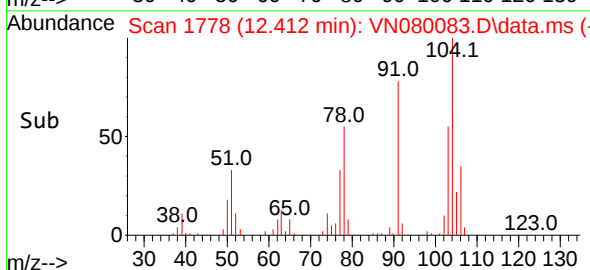
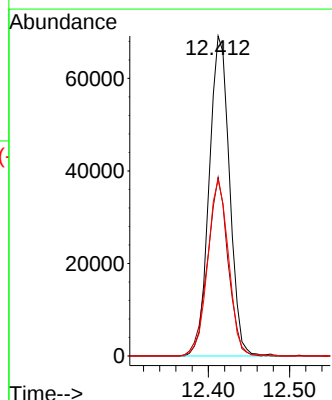
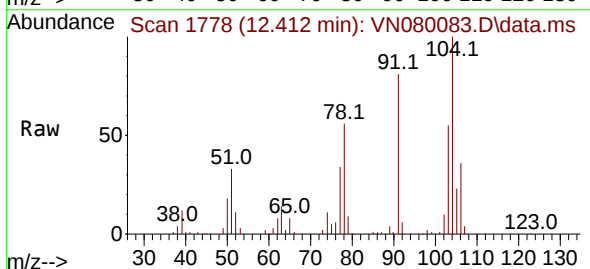
Manual Integrations
APPROVED

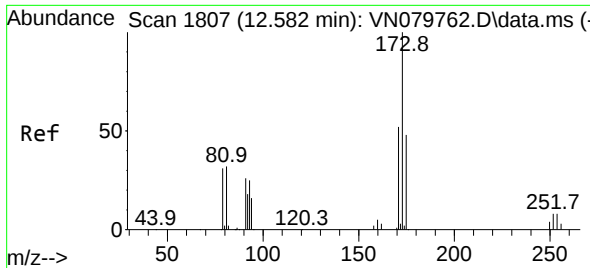
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#70
Styrene
Concen: 20.044 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

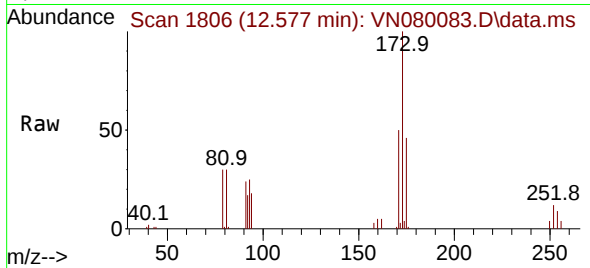
Tgt Ion:104 Resp: 120230
Ion Ratio Lower Upper
104 100
78 56.5 39.5 59.3
103 56.4 43.2 64.8





#71
Bromoform
Concen: 22.503 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. -0.005 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

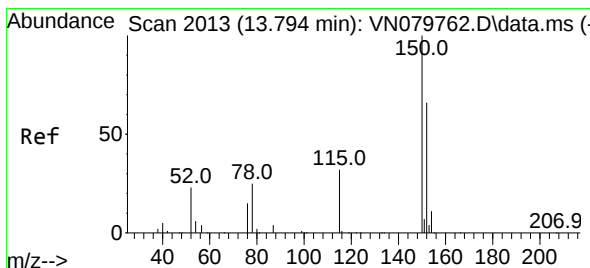
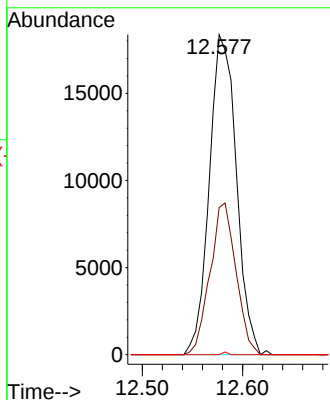
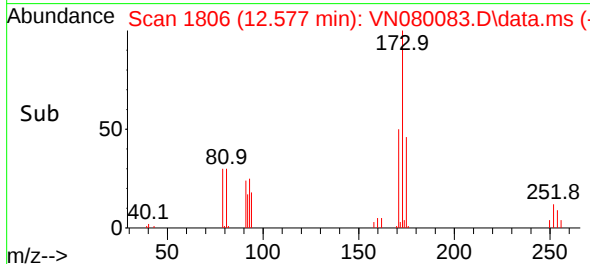
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



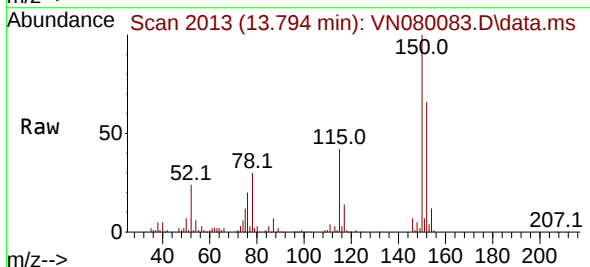
Tgt Ion:173 Resp: 3438
Ion Ratio Lower Upper
173 100
175 45.5 24.3 73.0
254 0.2 0.0 0.0

Manual Integrations
APPROVED

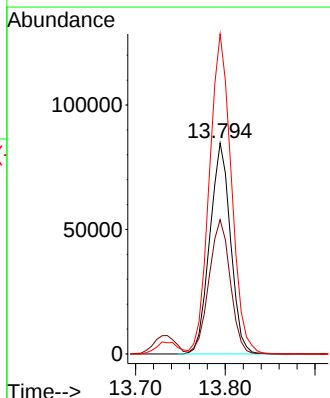
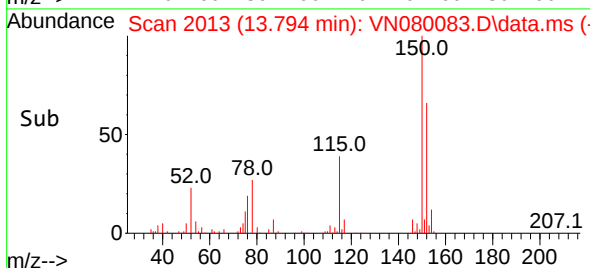
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

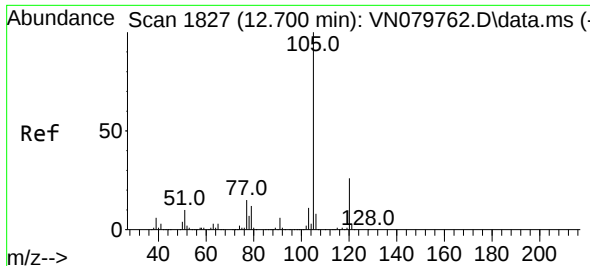


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52



Tgt Ion:152 Resp: 135839
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 160.5 0.0 355.8





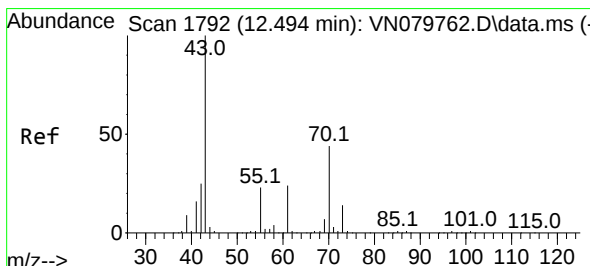
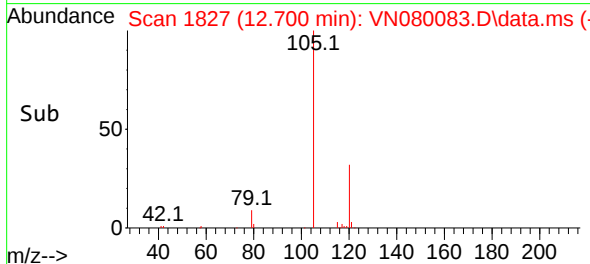
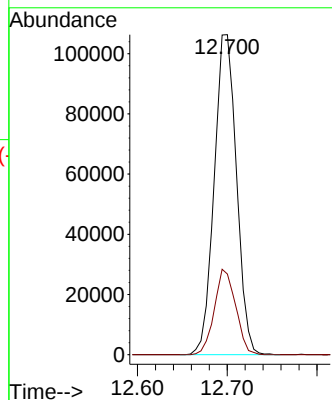
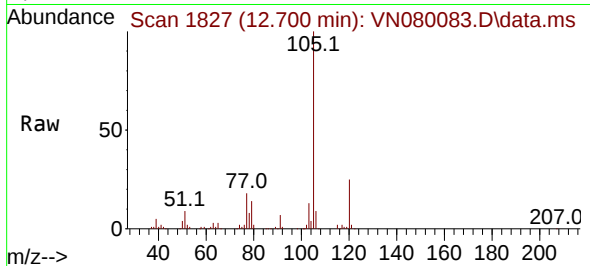
#73
Isopropylbenzene
Concen: 17.793 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:105 Resp: 183439
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1

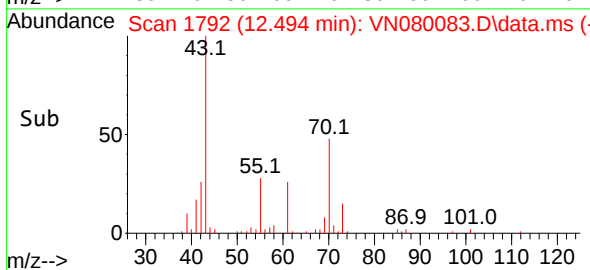
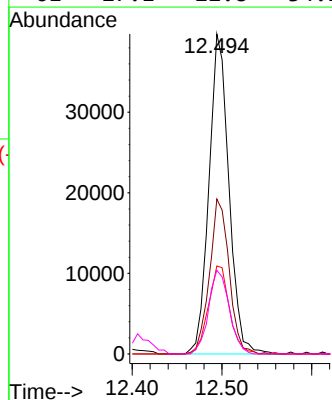
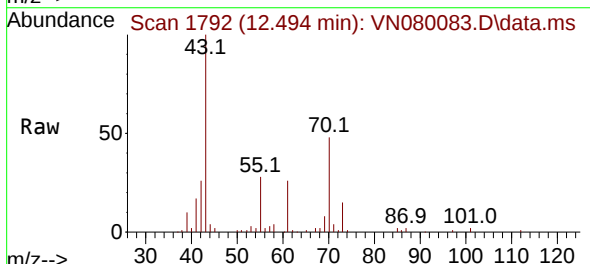
Manual Integrations
APPROVED

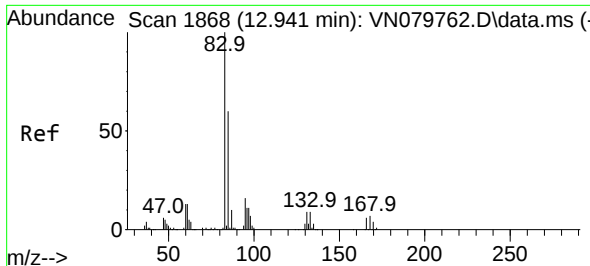
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#74
N-ethyl acetate
Concen: 13.620 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

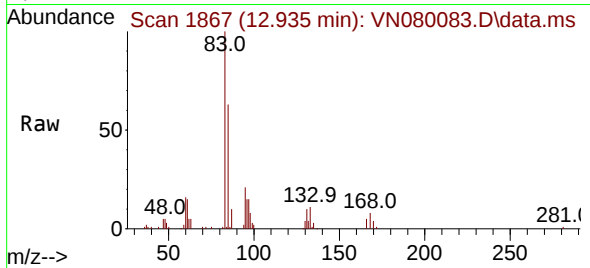
Tgt Ion: 43 Resp: 61291
Ion Ratio Lower Upper
43 100
70 47.7 43.4 65.2
55 29.2 21.4 32.0
61 27.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 15.741 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.005 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

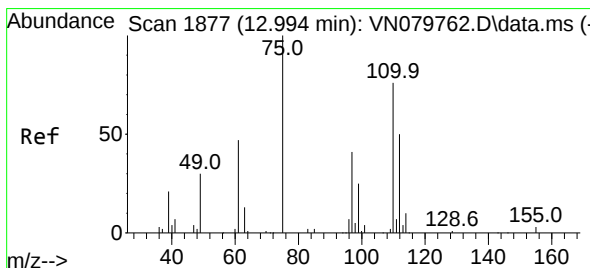
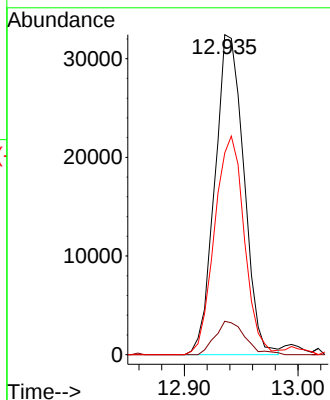
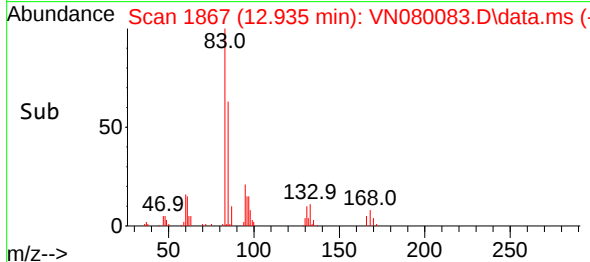
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 83 Resp: 57538
Ion Ratio Lower Upper
83 100
131 10.8 5.0 15.0
85 70.2 31.9 95.7

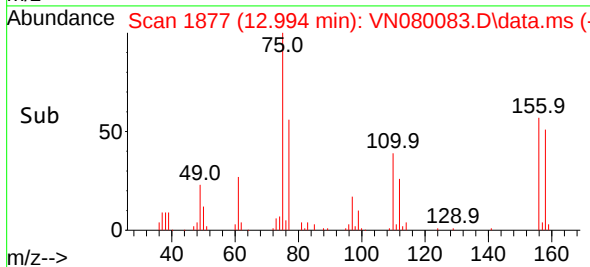
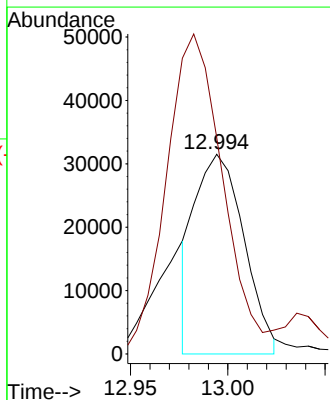
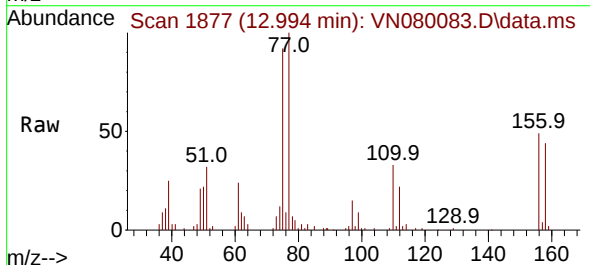
Manual Integrations
APPROVED

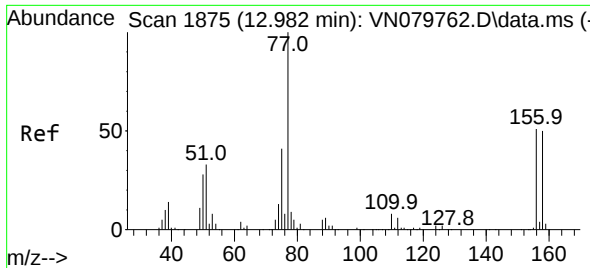
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#76
1,2,3-Trichloropropane
Concen: 17.263 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Tgt Ion: 75 Resp: 55052
Ion Ratio Lower Upper
75 100
77 186.3 84.5 253.5





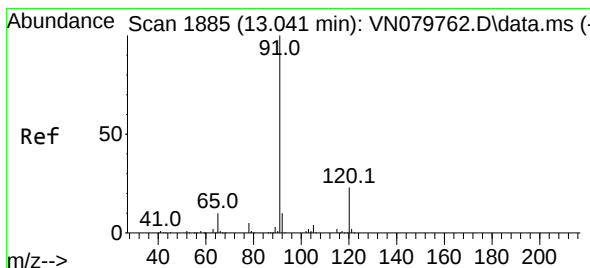
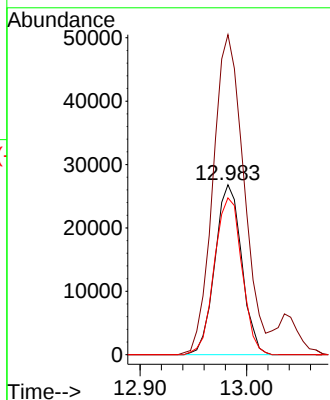
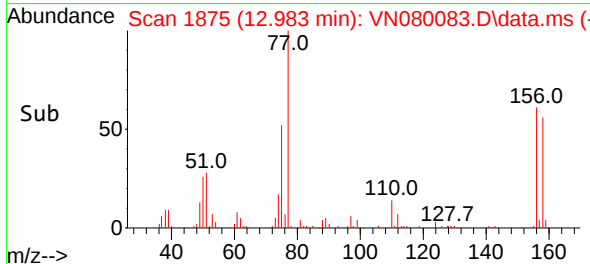
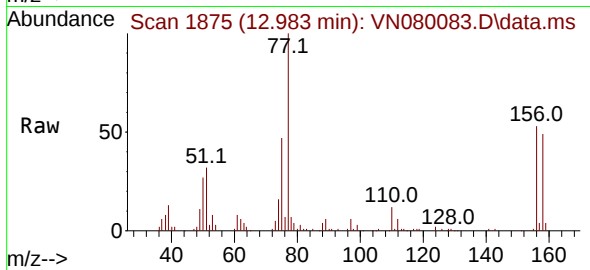
#77
Bromobenzene
Concen: 18.503 ug/l
RT: 12.983 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:156 Resp: 46702
Ion Ratio Lower Upper
156 100
77 219.6 107.7 323.3
158 95.2 48.4 145.3

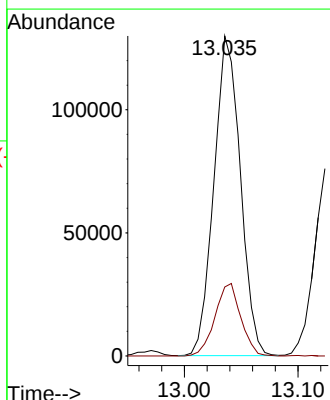
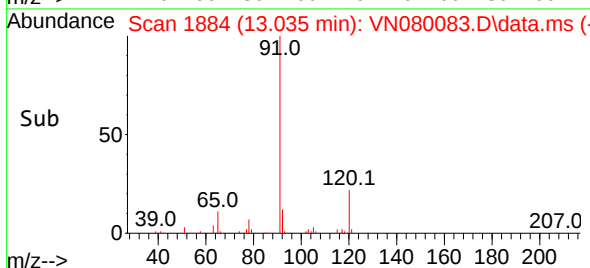
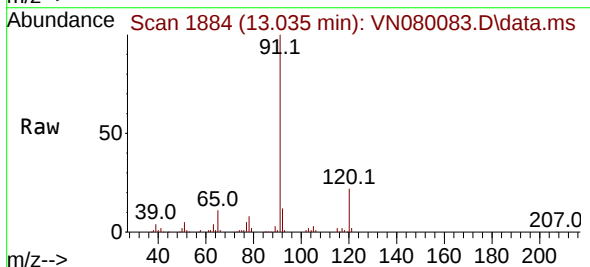
Manual Integrations
APPROVED

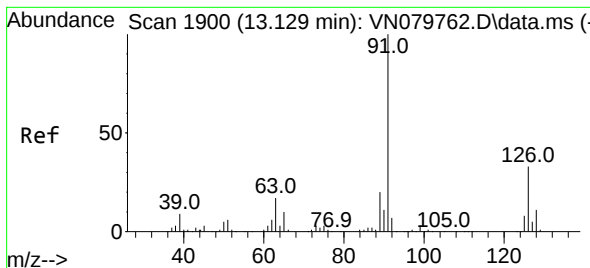
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#78
n-propylbenzene
Concen: 17.776 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.005 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Tgt Ion: 91 Resp: 209863
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





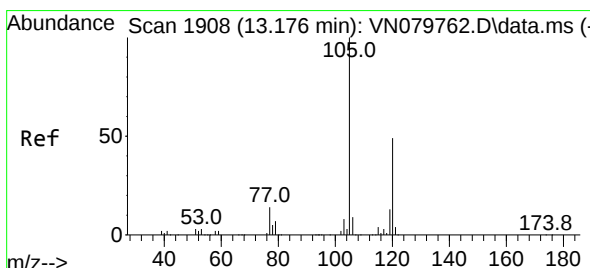
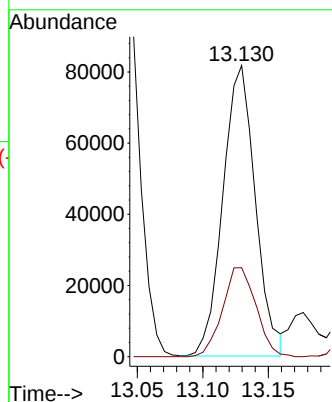
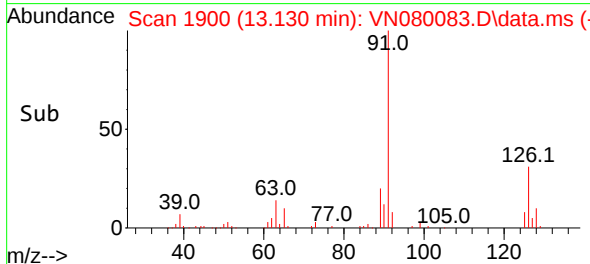
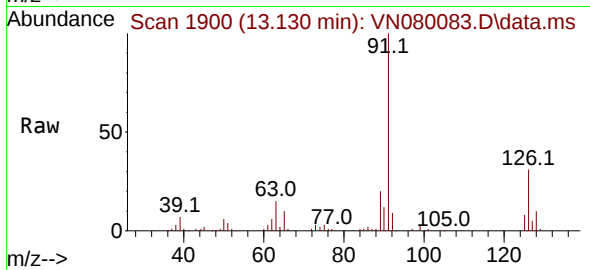
#79
2-Chlorotoluene
Concen: 18.649 ug/l
RT: 13.130 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 91 Resp: 140649
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8

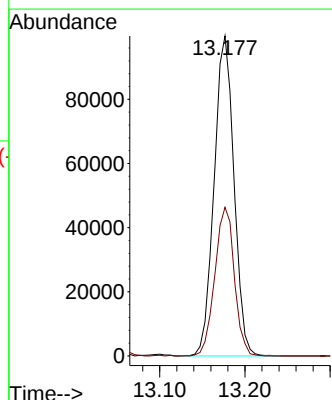
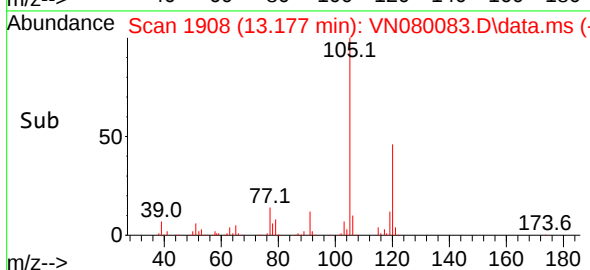
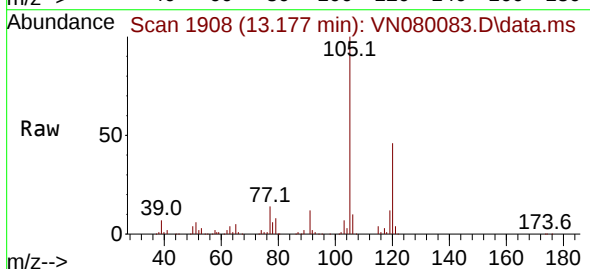
Manual Integrations
APPROVED

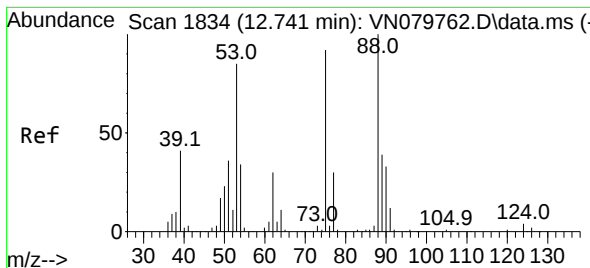
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.156 ug/l
RT: 13.177 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

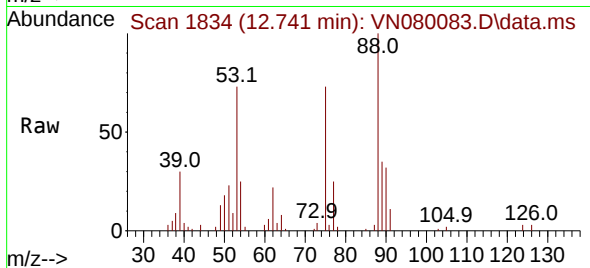
Tgt Ion:105 Resp: 161672
Ion Ratio Lower Upper
105 100
120 45.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 14.893 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

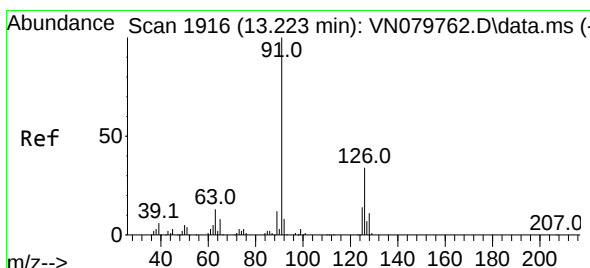
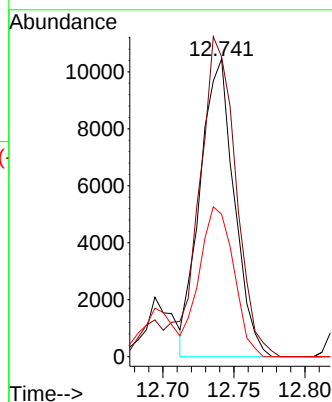
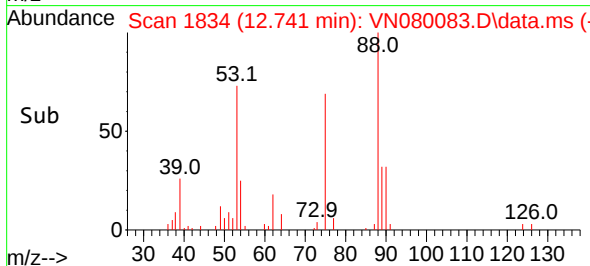
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 75 Resp: 17450
Ion Ratio Lower Upper
75 100
53 115.8 67.4 101.2
89 51.0 38.8 58.2

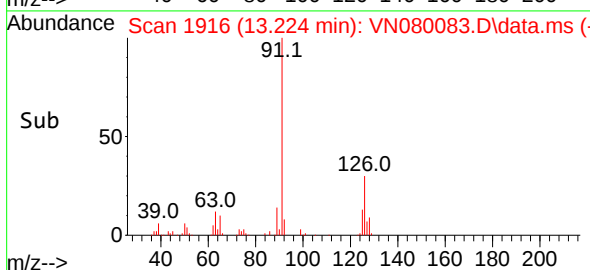
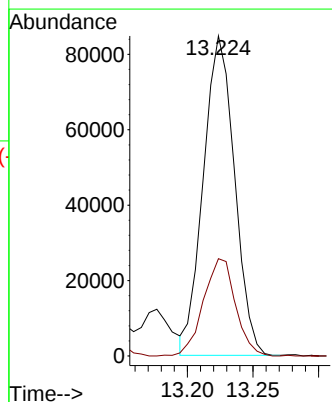
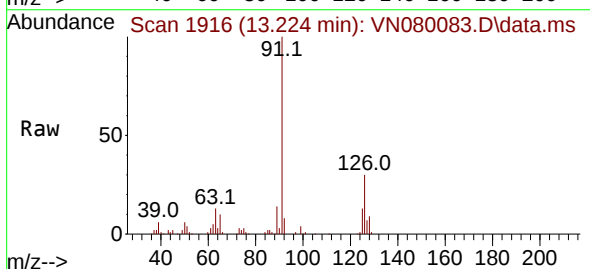
Manual Integrations
APPROVED

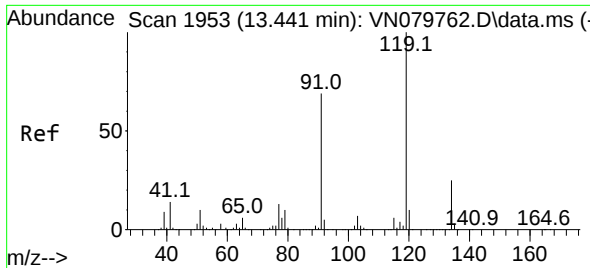
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#82
4-Chlorotoluene
Concen: 18.723 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Tgt Ion: 91 Resp: 140317
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0





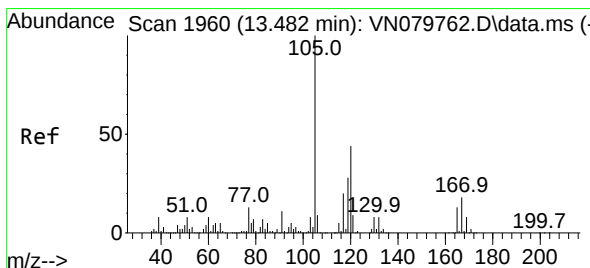
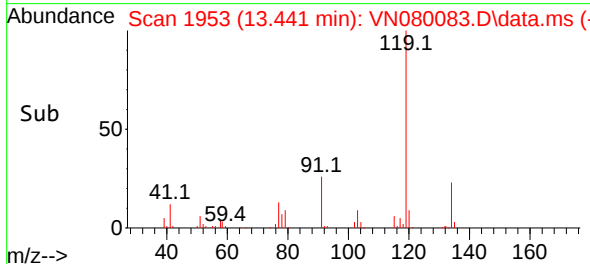
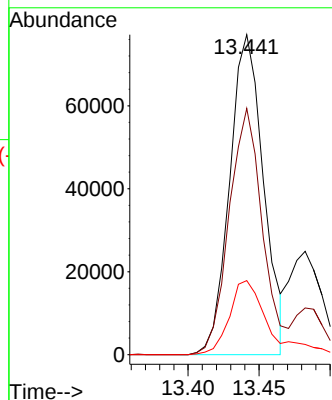
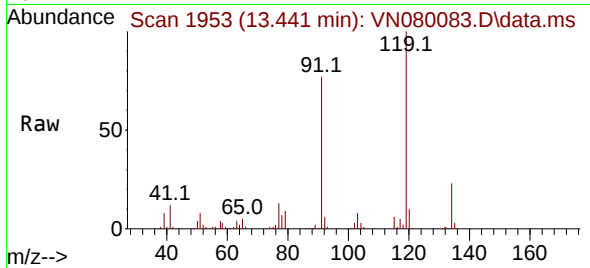
#83
tert-Butylbenzene
Concen: 19.508 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:119 Resp: 12808
Ion Ratio Lower Upper
119 100
91 76.2 33.9 101.7
134 26.4 13.2 39.6

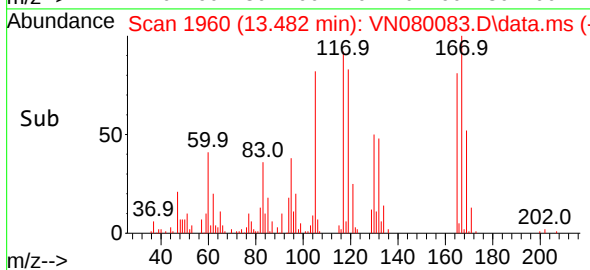
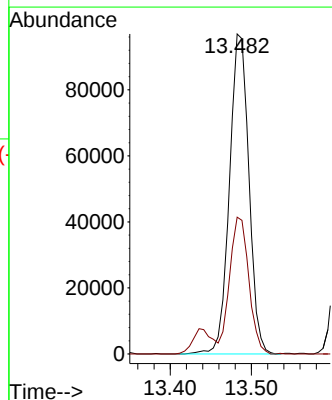
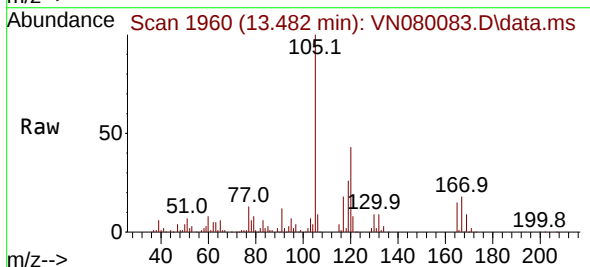
Manual Integrations
APPROVED

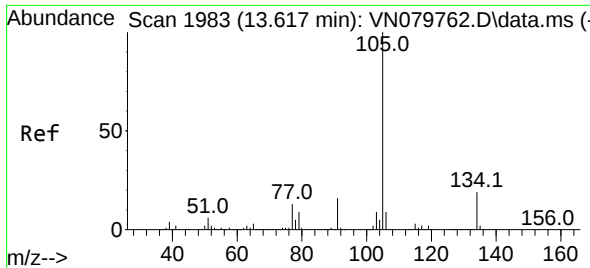
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.399 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

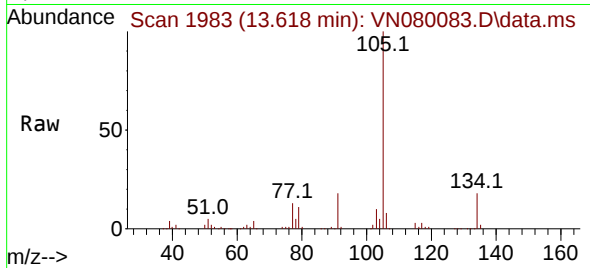
Tgt Ion:105 Resp: 160976
Ion Ratio Lower Upper
105 100
120 42.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.962 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080083.D
 Acq: 14 Nov 2023 12:52

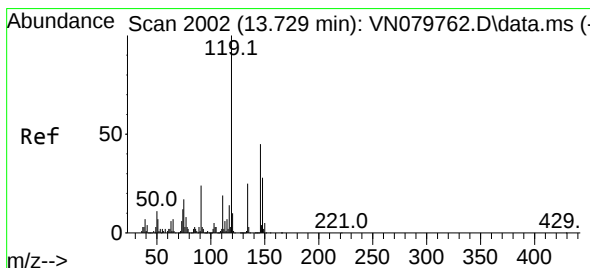
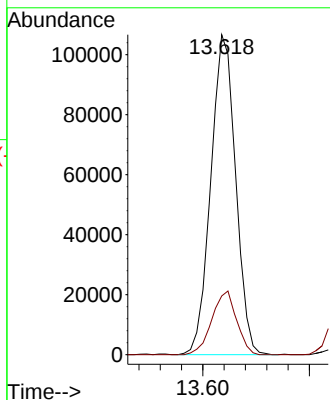
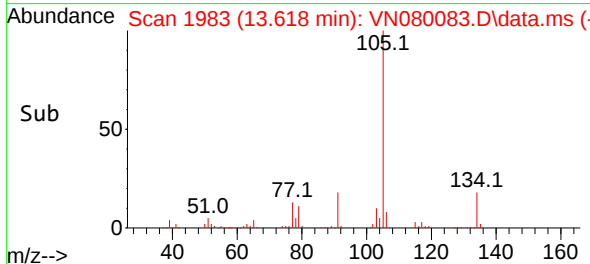
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD01



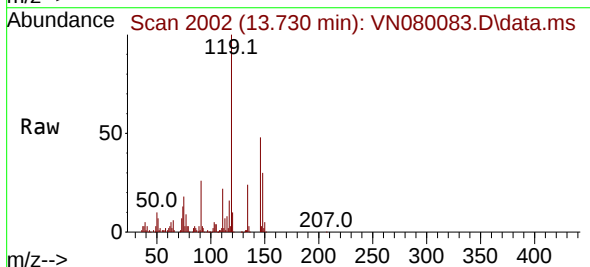
Tgt Ion:105 Resp: 17248
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
 APPROVED

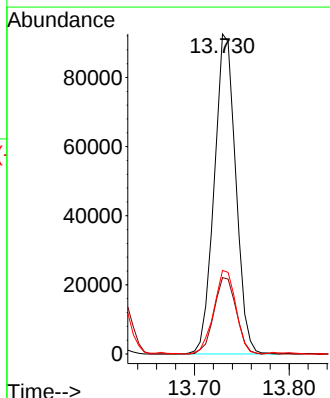
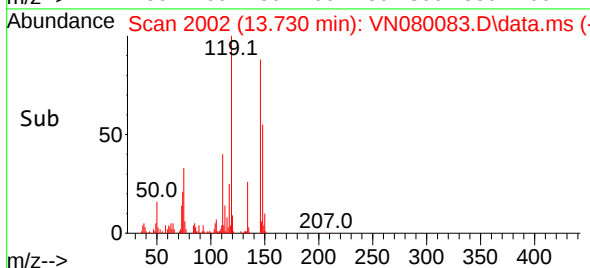
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#86
 p-Isopropyltoluene
 Concen: 19.699 ug/l
 RT: 13.730 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080083.D
 Acq: 14 Nov 2023 12:52



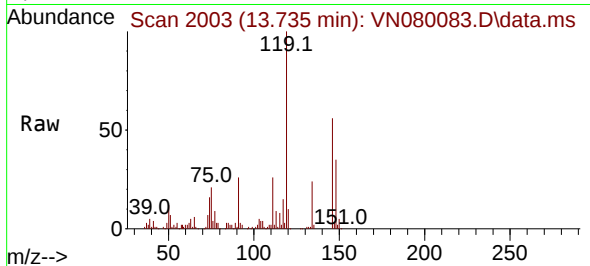
Tgt Ion:119 Resp: 146091
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.6 37.8
 91 26.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.311 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

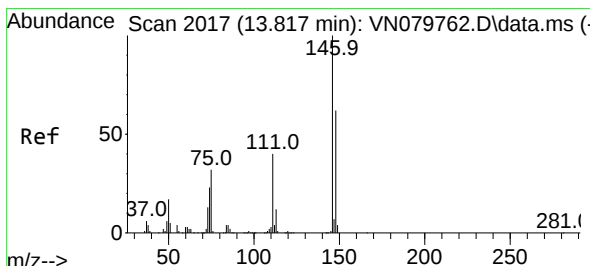
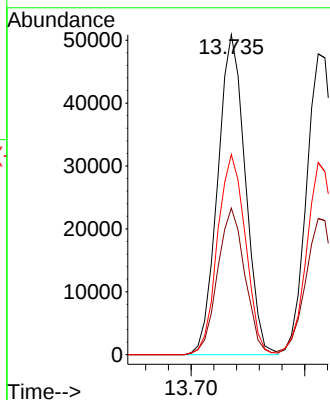
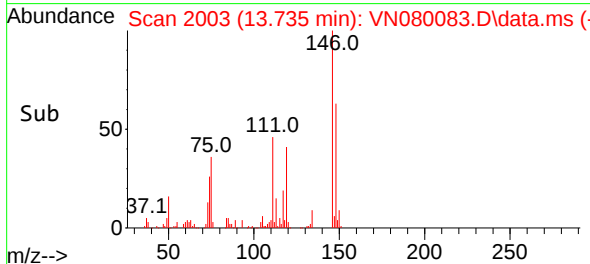
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



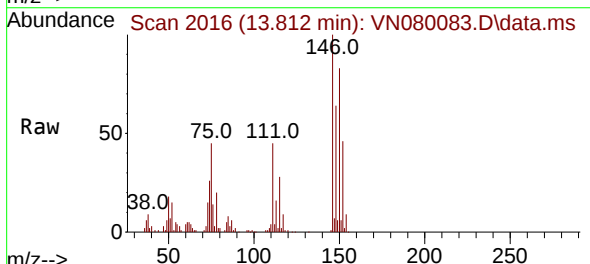
Tgt Ion:146 Resp: 85978
Ion Ratio Lower Upper
146 100
111 45.4 22.1 66.3
148 63.3 32.0 96.0

Manual Integrations
APPROVED

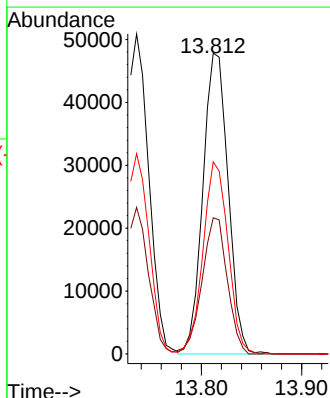
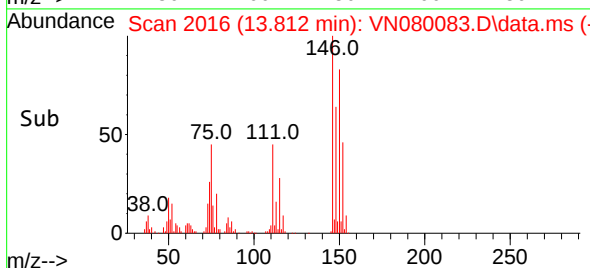
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

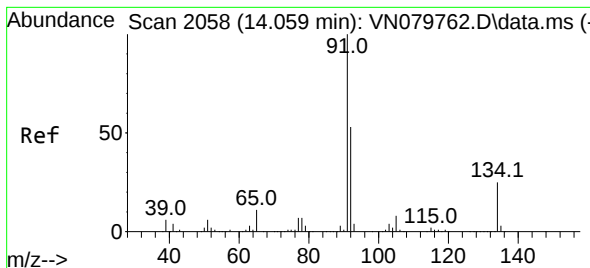


#88
1,4-Dichlorobenzene
Concen: 17.563 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.005 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52



Tgt Ion:146 Resp: 83705
Ion Ratio Lower Upper
146 100
111 45.5 20.6 61.8
148 63.4 31.6 94.8





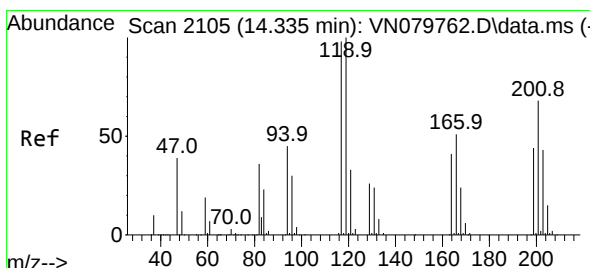
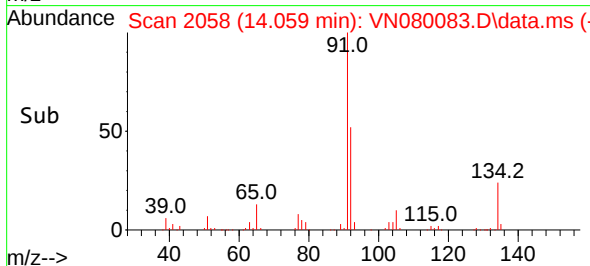
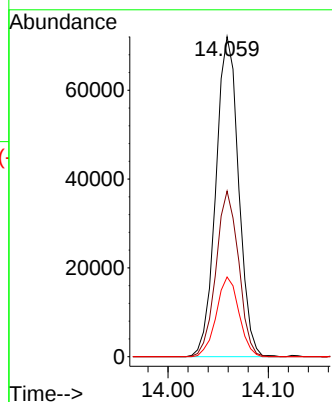
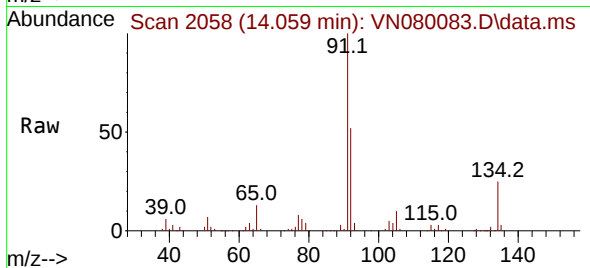
#89
n-Butylbenzene
Concen: 17.780 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 91 Resp: 113574
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.0
134 24.8 12.6 37.6

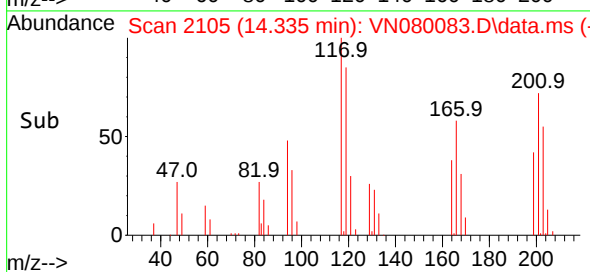
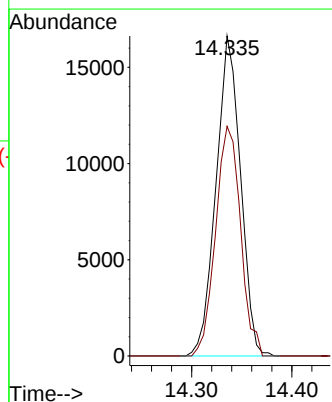
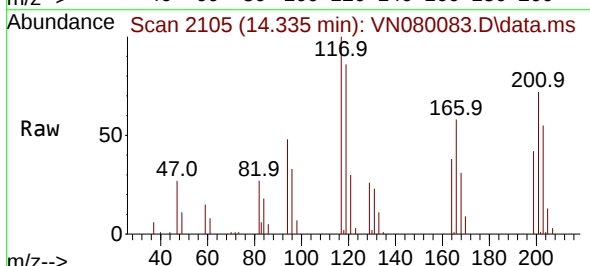
Manual Integrations
APPROVED

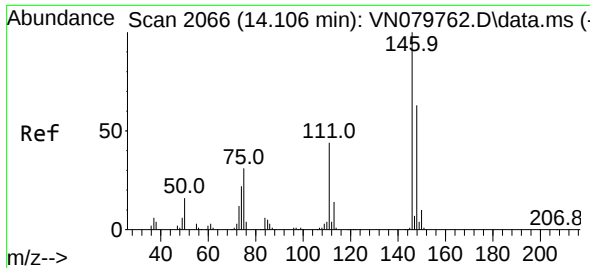
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#90
Hexachloroethane
Concen: 19.214 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Tgt Ion:117 Resp: 28220
Ion Ratio Lower Upper
117 100
201 73.2 29.3 88.0





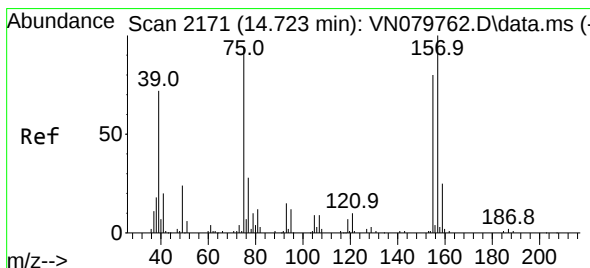
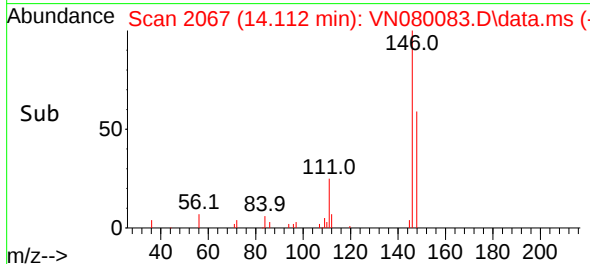
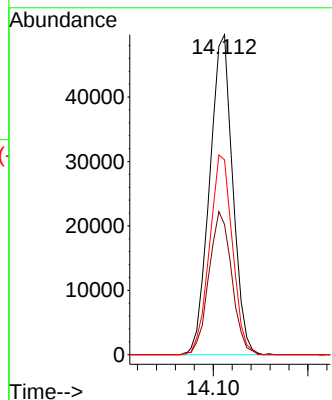
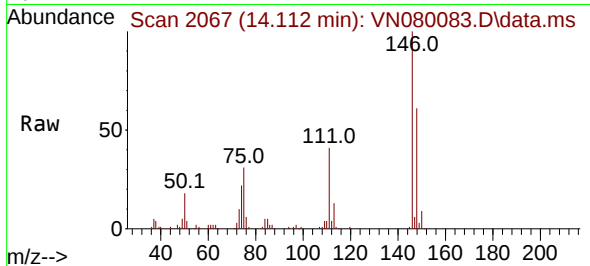
#91
1,2-Dichlorobenzene
Concen: 18.988 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:146 Resp: 8416
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 62.1 31.8 95.3

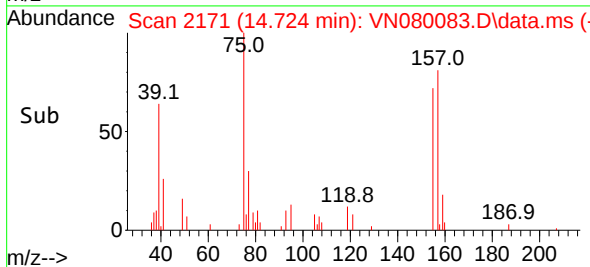
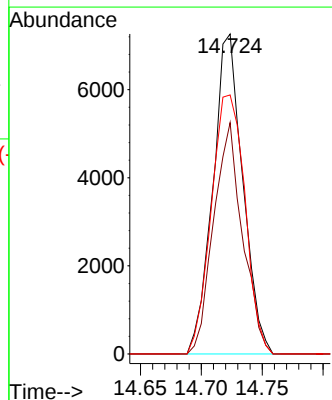
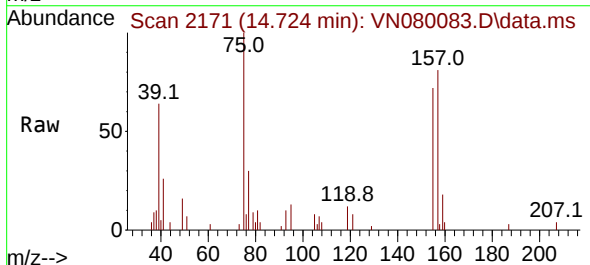
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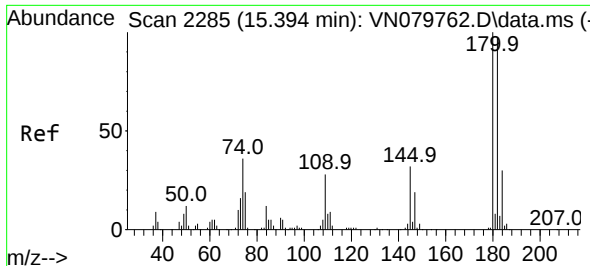
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.985 ug/l
RT: 14.724 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

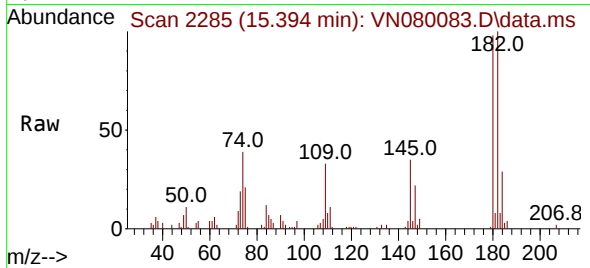
Tgt Ion: 75 Resp: 12388
Ion Ratio Lower Upper
75 100
155 70.0 39.1 117.2
157 91.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 18.518 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

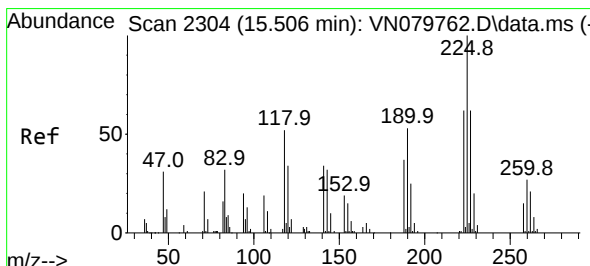
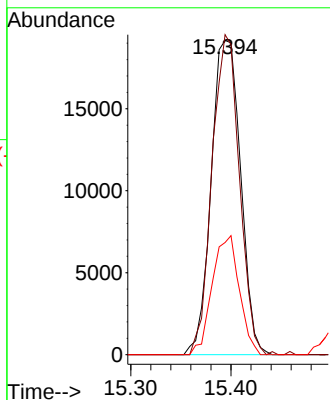
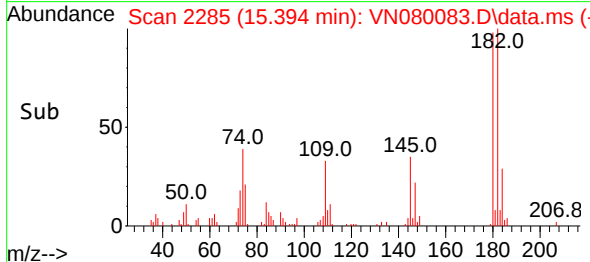
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion:180 Resp: 39029
Ion Ratio Lower Upper
180 100
182 94.8 46.1 138.2
145 34.9 16.6 49.8

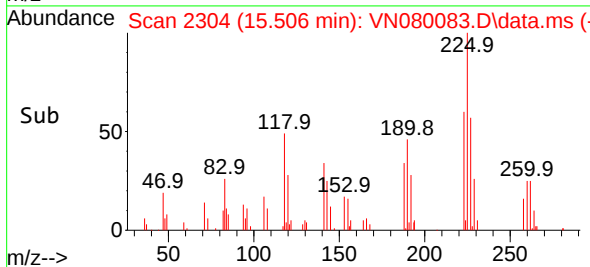
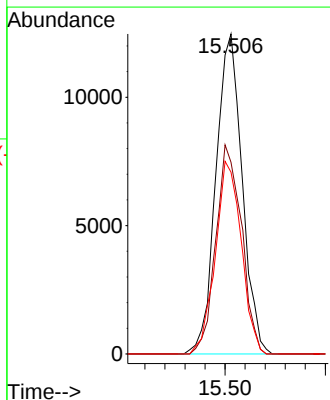
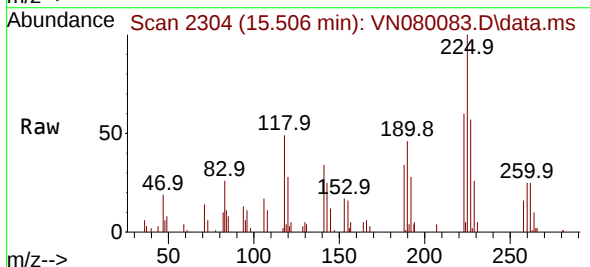
Manual Integrations
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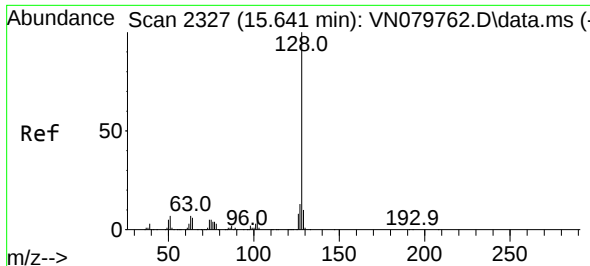
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#94
Hexachlorobutadiene
Concen: 23.692 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

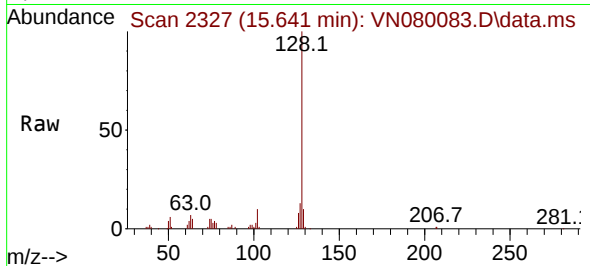
Tgt Ion:225 Resp: 22636
Ion Ratio Lower Upper
225 100
223 64.0 31.3 93.8
227 59.5 31.9 95.9





#95
Naphthalene
Concen: 15.056 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52

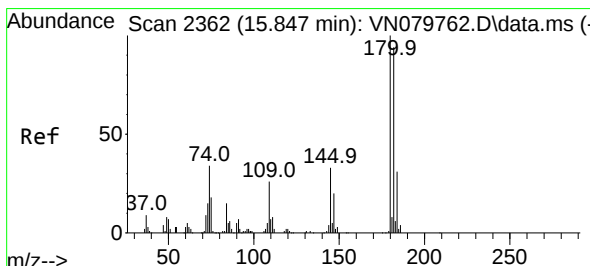
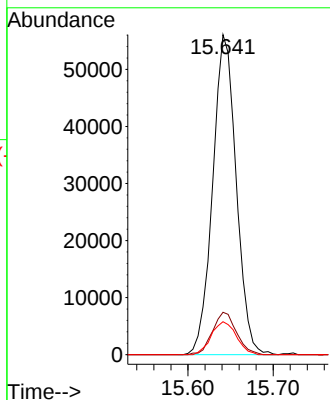
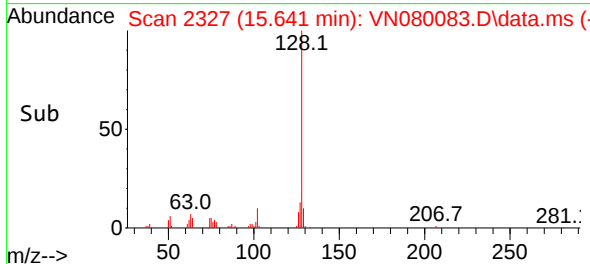
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



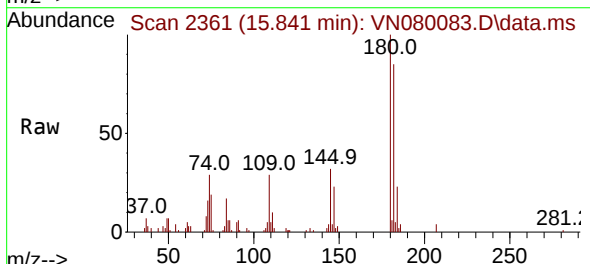
Tgt Ion:128 Resp: 10760
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.125 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080083.D
Acq: 14 Nov 2023 12:52



Tgt Ion:180 Resp: 37444
Ion Ratio Lower Upper
180 100
182 94.1 46.2 138.6
145 35.6 17.5 52.6

