

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081776.D
 Acq On : 18 Apr 2024 10:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 19 01:18:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/19/2024
 Supervised By : Mahesh Dadoda 04/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	209951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	371825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	346954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168014	56.870	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.740%			
35) Dibromofluoromethane	8.165	113	129040	52.555	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.120%			
50) Toluene-d8	10.565	98	483595	53.463	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.920%			
62) 4-Bromofluorobenzene	12.847	95	171727	55.557	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 111.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	115816	43.558	ug/l	97
3) Chloromethane	2.359	50	162947	73.779	ug/l	96
4) Vinyl Chloride	2.518	62	185451	56.989	ug/l	99
5) Bromomethane	2.953	94	112806	57.373	ug/l	98
6) Chloroethane	3.118	64	112531	58.326	ug/l	100
7) Trichlorofluoromethane	3.494	101	185766	44.206	ug/l	99
8) Diethyl Ether	3.959	74	68054	46.134	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	110463	41.969	ug/l	100
10) Methyl Iodide	4.589	142	108501	76.805	ug/l	94
11) Tert butyl alcohol	5.524	59	108187	268.452	ug/l	99
12) 1,1-Dichloroethene	4.336	96	103605	41.534	ug/l	94
13) Acrolein	4.177	56	111115	259.361	ug/l	97
14) Allyl chloride	5.018	41	162700	51.394	ug/l	92
15) Acrylonitrile	5.718	53	292816	263.283	ug/l	98
16) Acetone	4.430	43	192611	234.243	ug/l	95
17) Carbon Disulfide	4.712	76	295899	40.812	ug/l	99
18) Methyl Acetate	5.024	43	118241	51.412	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	394839	54.384	ug/l	94
20) Methylene Chloride	5.277	84	128233	52.846	ug/l	98
21) trans-1,2-Dichloroethene	5.788	96	118055	47.120	ug/l	93
22) Diisopropyl ether	6.671	45	390904	56.742	ug/l #	96
23) Vinyl Acetate	6.600	43	1590833	295.831	ug/l	96
24) 1,1-Dichloroethane	6.571	63	227949	50.290	ug/l	98
25) 2-Butanone	7.482	43	364329	268.771	ug/l	98
26) 2,2-Dichloropropane	7.488	77	206873	52.357	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	151618	49.470	ug/l	96
28) Bromochloromethane	7.806	49	101470	52.434	ug/l	100
29) Tetrahydrofuran	7.835	42	258571	294.839	ug/l	99
30) Chloroform	7.971	83	262860	51.142	ug/l	99
31) Cyclohexane	8.259	56	190960	47.118	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	224814	49.326	ug/l	97
36) 1,1-Dichloropropene	8.371	75	172302	50.367	ug/l	98
37) Ethyl Acetate	7.559	43	168027	59.774	ug/l	100
38) Carbon Tetrachloride	8.365	117	197622	49.654	ug/l	96
39) Methylcyclohexane	9.600	83	191694	47.565	ug/l	90
40) Benzene	8.606	78	545618	51.202	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	86242	56.517	ug/l	98
42) 1,2-Dichloroethane	8.671	62	204409	55.027	ug/l	98
43) Isopropyl Acetate	8.688	43	279249	53.248	ug/l	98
44) Trichloroethene	9.353	130	132048	47.651	ug/l	93
45) 1,2-Dichloropropane	9.623	63	133644	54.397	ug/l	97
46) Dibromomethane	9.712	93	107582	52.465	ug/l	97
47) Bromodichloromethane	9.888	83	216129	55.176	ug/l	96
48) Methyl methacrylate	9.682	41	127783	59.782	ug/l	97
49) 1,4-Dioxane	9.700	88	57009	1063.420	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	883941	303.038	ug/l	97
52) Toluene	10.635	92	349613	51.651	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	222374	56.989	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	225447	54.237	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	140590	55.291	ug/l	94
56) Ethyl methacrylate	10.876	69	210535	60.177	ug/l	97
57) 1,3-Dichloropropane	11.165	76	232185	54.553	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	529790	286.191	ug/l	98
59) 2-Hexanone	11.194	43	653139	309.311	ug/l	99
60) Dibromochloromethane	11.359	129	169742	55.231	ug/l	100
61) 1,2-Dibromoethane	11.470	107	139789	52.704	ug/l	99
64) Tetrachloroethene	11.106	164	143103	48.614	ug/l	97
65) Chlorobenzene	11.894	112	383838	48.079	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	138565	50.878	ug/l	99
67) Ethyl Benzene	11.965	91	661682	52.654	ug/l	100
68) m/p-Xylenes	12.070	106	526963	107.836	ug/l	99
69) o-Xylene	12.400	106	251953	53.800	ug/l	100
70) Styrene	12.412	104	433999	56.568	ug/l	99
71) Bromoform	12.576	173	107062	50.946	ug/l #	100
73) Isopropylbenzene	12.700	105	639724	47.684	ug/l	99
74) N-amyl acetate	12.494	43	249159	51.030	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	186412	47.294	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	173090m	53.391	ug/l	
77) Bromobenzene	12.982	156	158442	46.323	ug/l	94
78) n-propylbenzene	13.035	91	765107	49.146	ug/l	98
79) 2-Chlorotoluene	13.129	91	454655	46.853	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	548558	50.054	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	78683	53.813	ug/l	95
82) 4-Chlorotoluene	13.223	91	464388	48.442	ug/l	98
83) tert-Butylbenzene	13.441	119	453465	47.242	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	567101	51.300	ug/l	98
85) sec-Butylbenzene	13.617	105	669792	50.005	ug/l	98
86) p-Isopropyltoluene	13.729	119	562069	51.196	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	304784	47.676	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	307615	47.188	ug/l	98
89) n-Butylbenzene	14.059	91	482024	50.216	ug/l	98
90) Hexachloroethane	14.335	117	107133	45.841	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	301615	48.746	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	41722	57.328	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	166612	51.117	ug/l	98
94) Hexachlorobutadiene	15.500	225	62561	44.526	ug/l	98
95) Naphthalene	15.641	128	569794	54.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	171006	51.315	ug/l	98

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

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VSTDCCC050

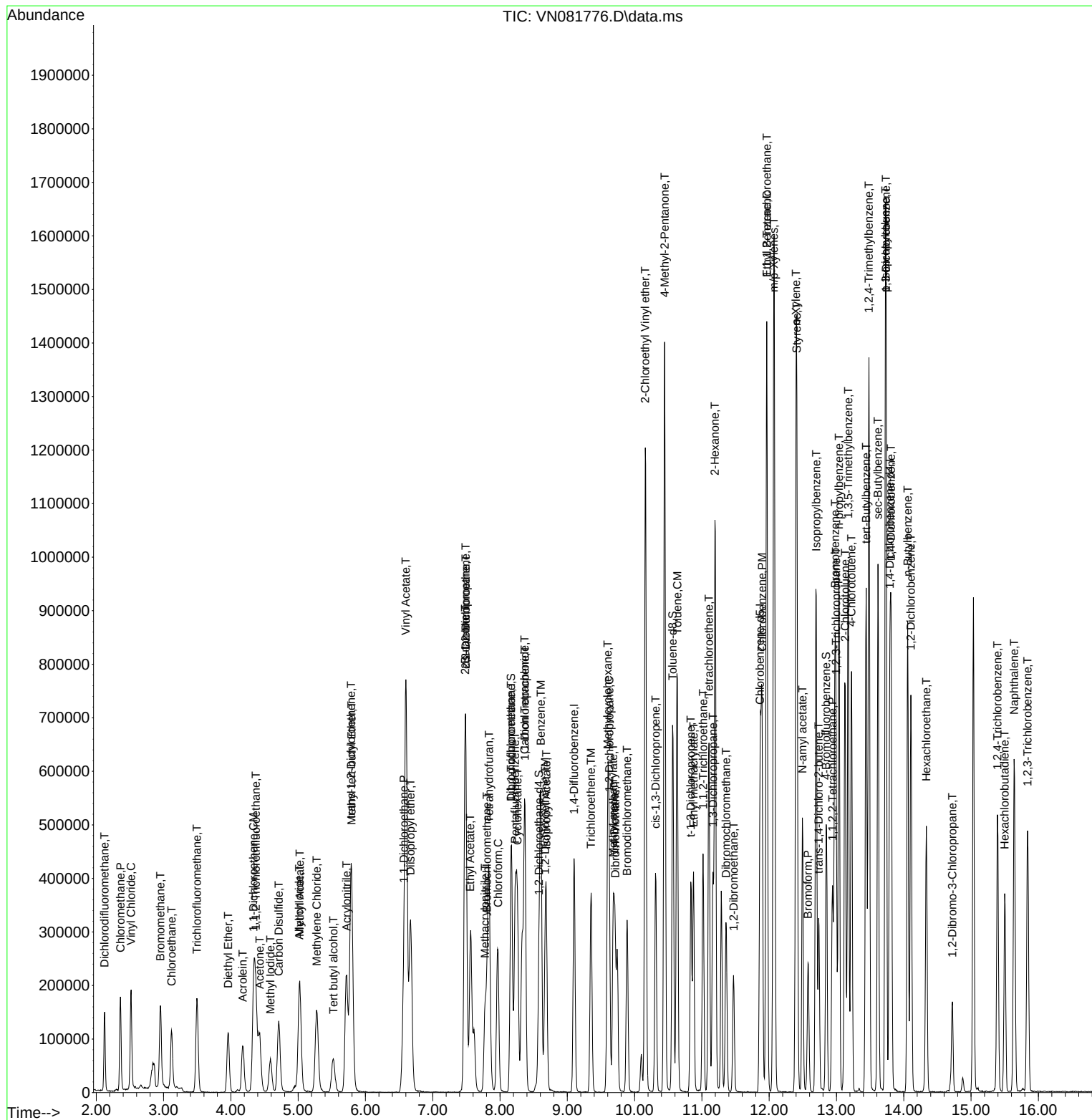
Manual Integrations

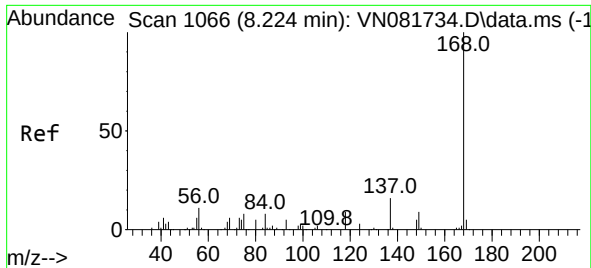
APPROVED

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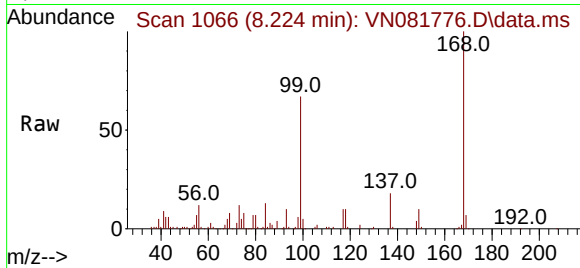
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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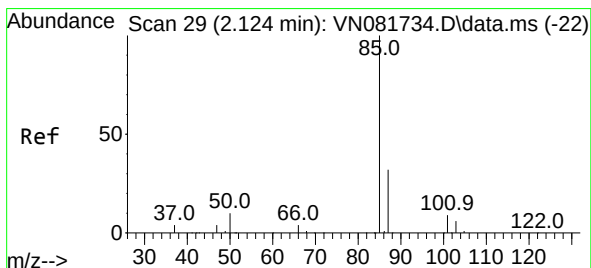
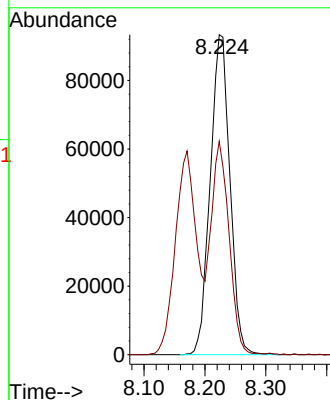
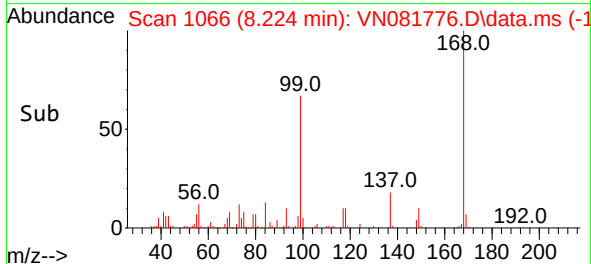
Instrument :
MSVOA_N
ClientSampleId :
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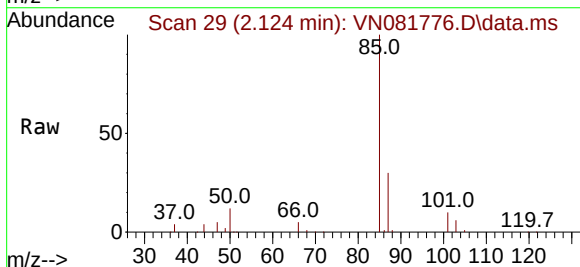
Tgt Ion:168 Resp: 20995
Ion Ratio Lower Upper
168 100
99 66.6 48.2 72.4

Manual Integrations
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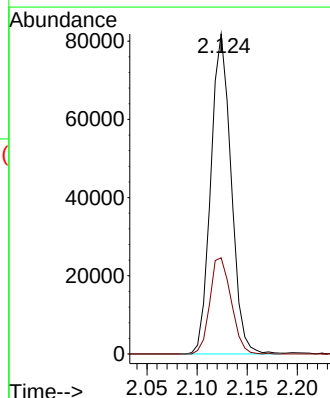
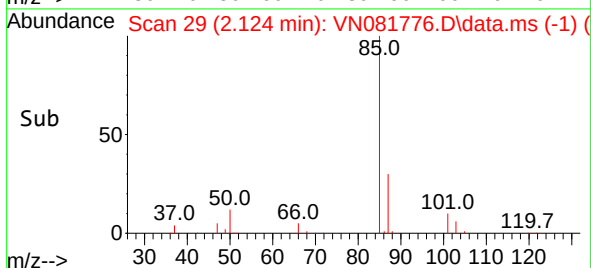
Reviewed By :John Carlone 04/19/2024
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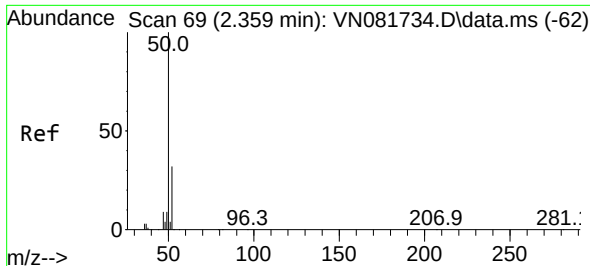


#2
Dichlorodifluoromethane
Concen: 43.558 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20



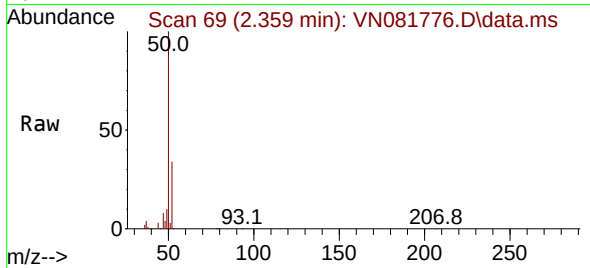
Tgt Ion: 85 Resp: 115816
Ion Ratio Lower Upper
85 100
87 30.1 15.8 47.4





#3
Chloromethane
Concen: 73.779 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

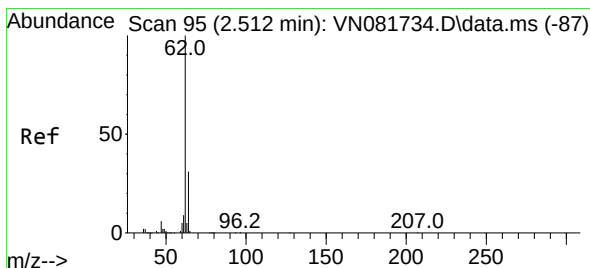
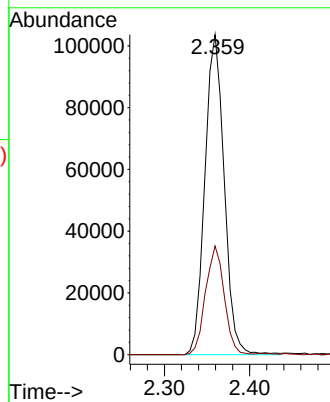
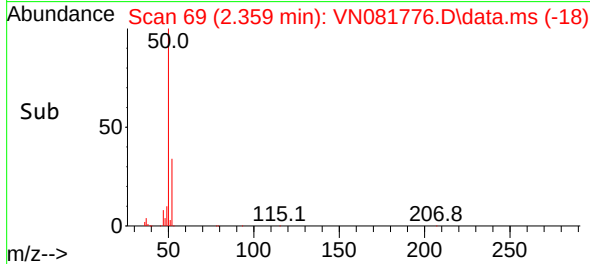
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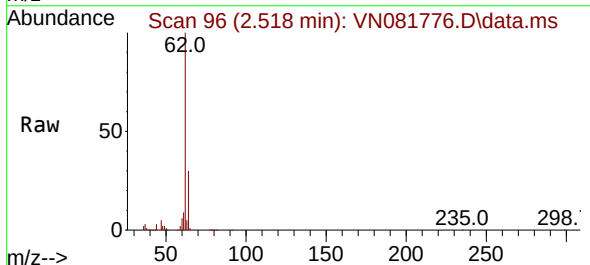
Tgt Ion: 50 Resp: 16294
Ion Ratio Lower Upper
50 100
52 34.0 25.5 38.3

Manual Integrations
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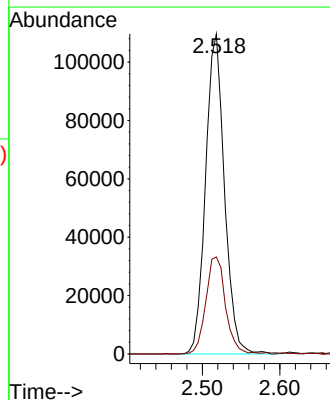
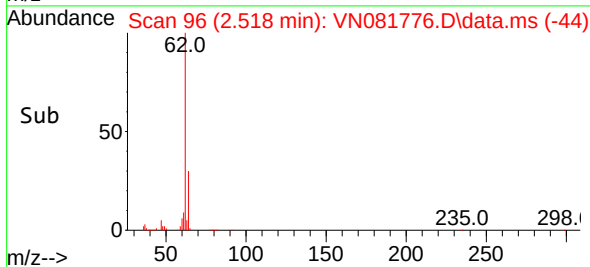
Reviewed By :John Carlone 04/19/2024
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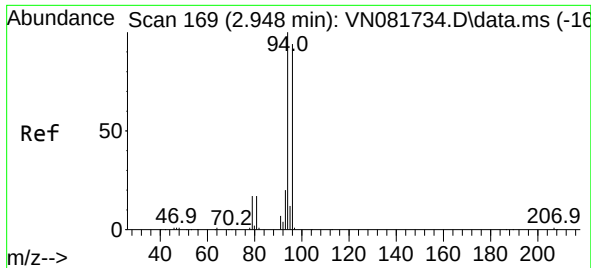


#4
Vinyl Chloride
Concen: 56.989 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20



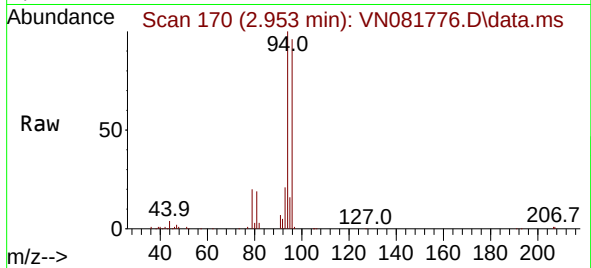
Tgt Ion: 62 Resp: 185451
Ion Ratio Lower Upper
62 100
64 30.3 24.6 37.0





#5
Bromomethane
Concen: 57.373 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

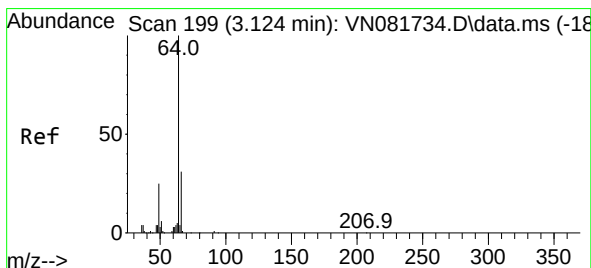
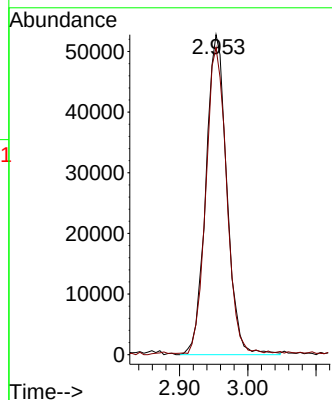
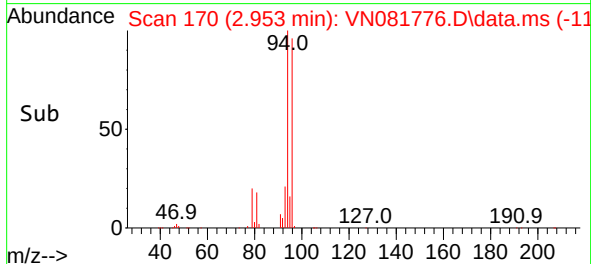
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Tgt Ion: 94 Resp: 112800
Ion Ratio Lower Upper
94 100
96 95.5 74.8 112.2

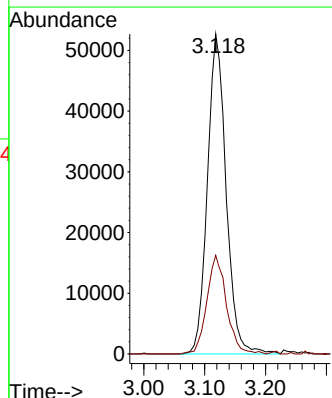
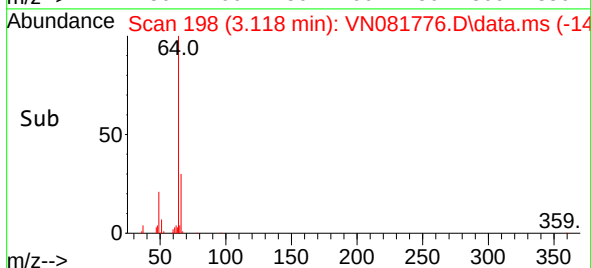
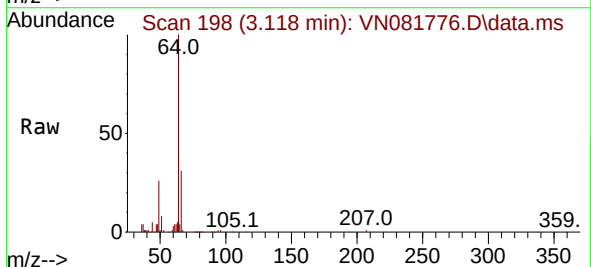
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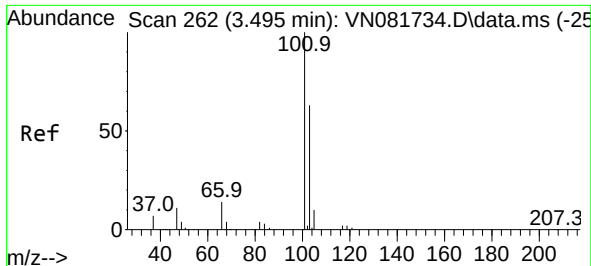
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#6
Chloroethane
Concen: 58.326 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Tgt Ion: 64 Resp: 112531
Ion Ratio Lower Upper
64 100
66 30.8 24.7 37.1





#7
 Trichlorofluoromethane
 Concen: 44.206 ug/l
 RT: 3.494 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: VN081776.D
 Acq: 18 Apr 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

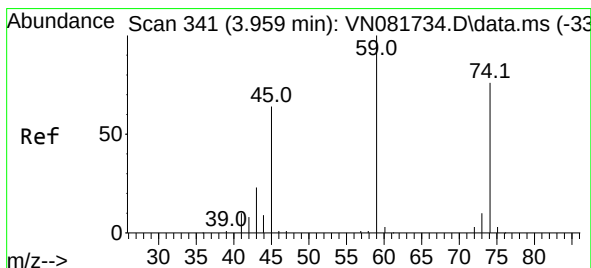
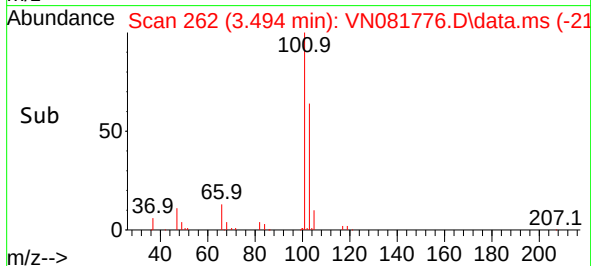
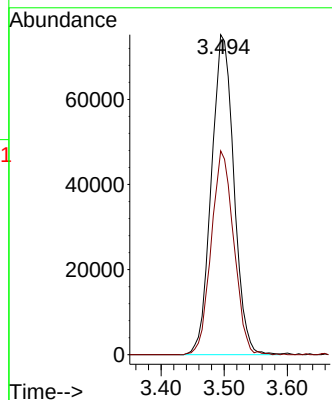
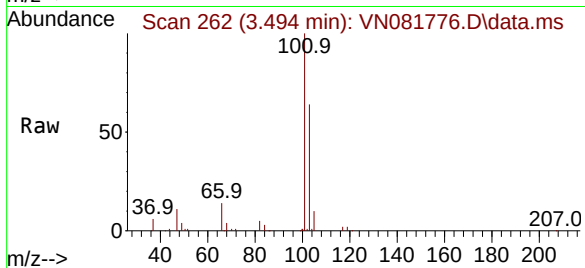
Tgt Ion:101 Resp: 185760
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.6 75.8

Manual Integrations

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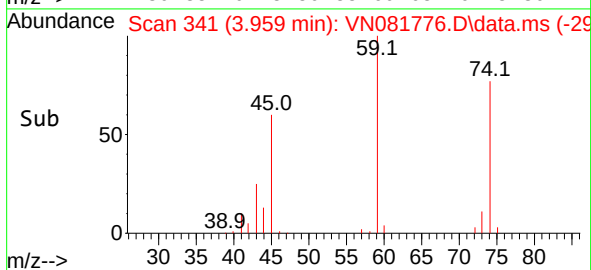
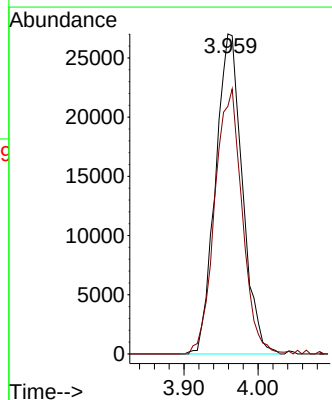
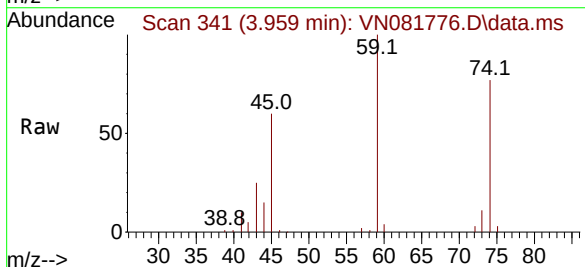
Reviewed By :John Carlone 04/19/2024

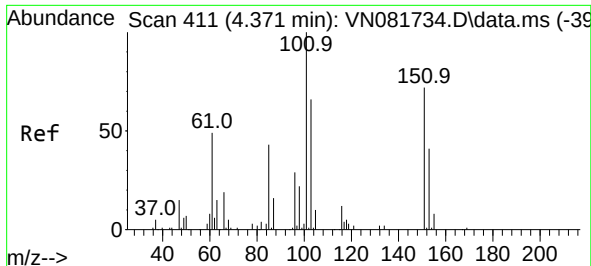
Supervised By :Mahesh Dadoda 04/19/2024



#8
 Diethyl Ether
 Concen: 46.134 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN081776.D
 Acq: 18 Apr 2024 10:20

Tgt Ion: 74 Resp: 68054
 Ion Ratio Lower Upper
 74 100
 45 84.4 42.4 127.3





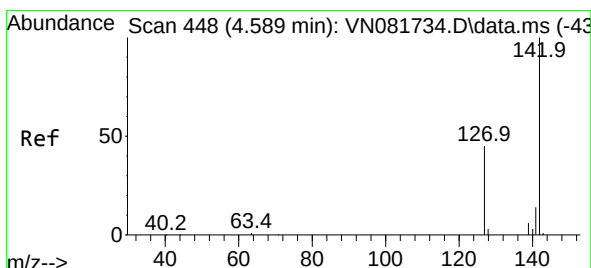
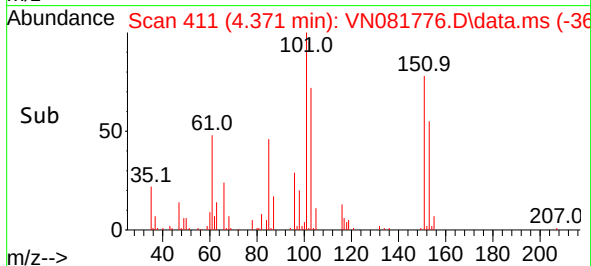
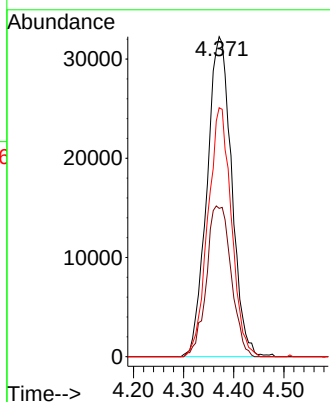
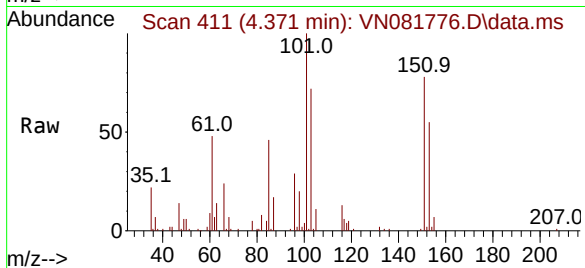
#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.969 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11046
Ion Ratio Lower Upper
101 100
85 47.1 37.3 55.9
151 73.8 59.2 88.8

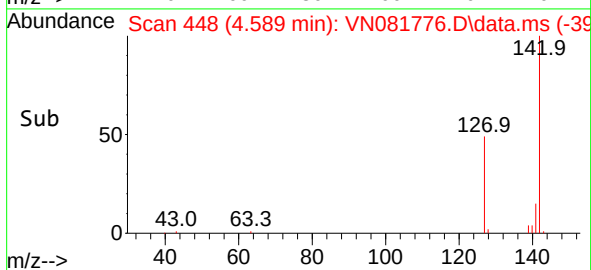
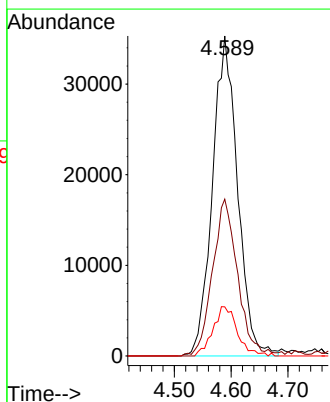
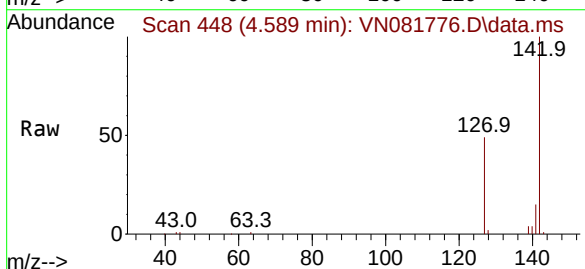
Manual Integrations
APPROVED

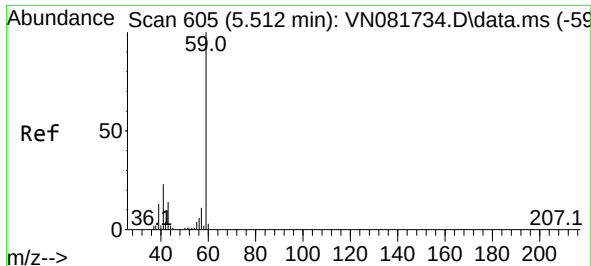
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#10
Methyl Iodide
Concen: 76.805 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

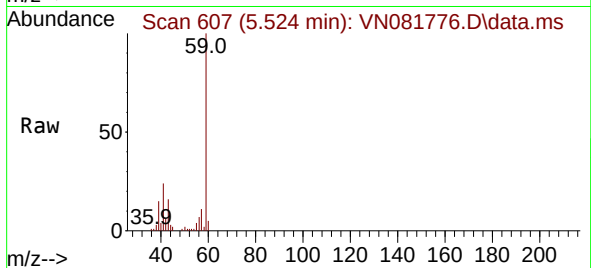
Tgt Ion:142 Resp: 108501
Ion Ratio Lower Upper
142 100
127 49.0 35.8 53.6
141 15.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 268.452 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

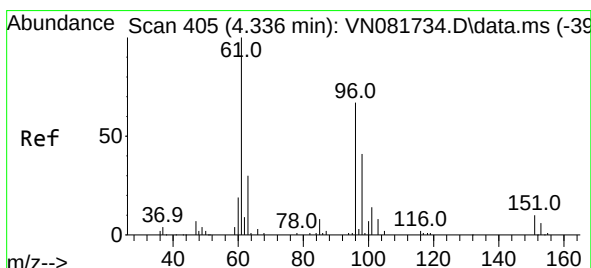
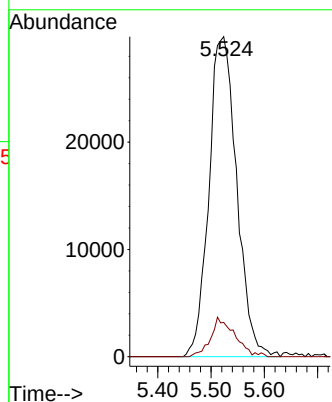
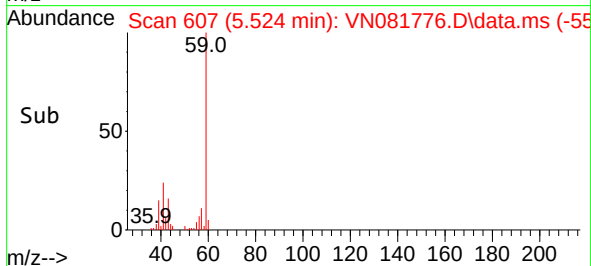
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



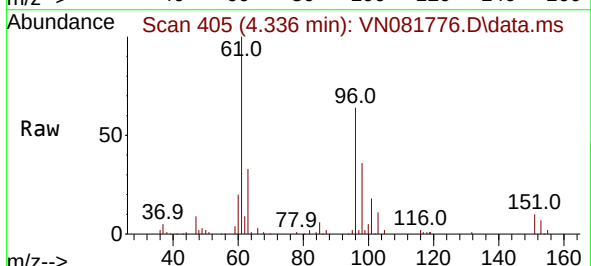
Tgt Ion: 59 Resp: 10818
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3

Manual Integrations
APPROVED

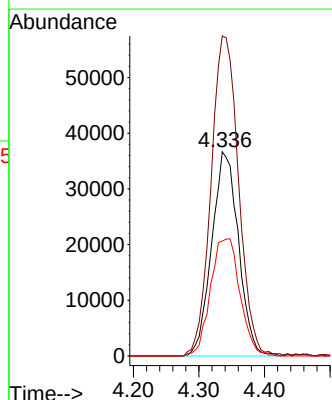
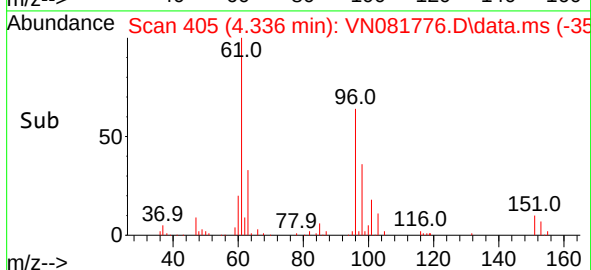
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

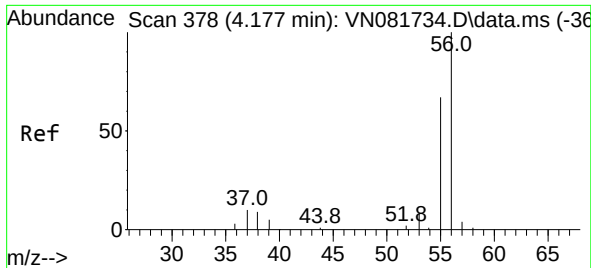


#12
1,1-Dichloroethene
Concen: 41.534 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20



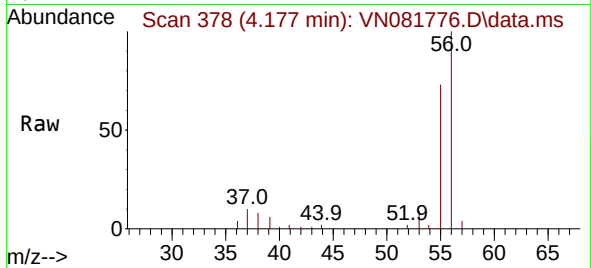
Tgt Ion: 96 Resp: 103605
Ion Ratio Lower Upper
96 100
61 156.7 119.7 179.5
98 56.3 49.6 74.4





#13
Acrolein
Concen: 259.361 ug/l
RT: 4.177 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

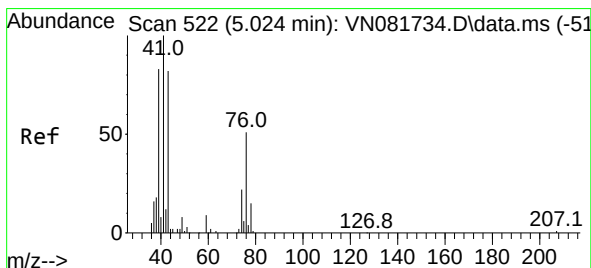
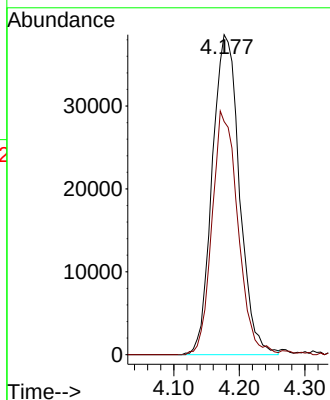
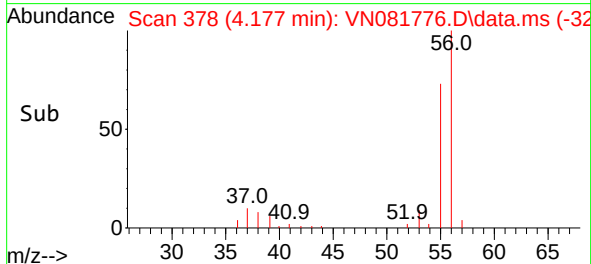
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



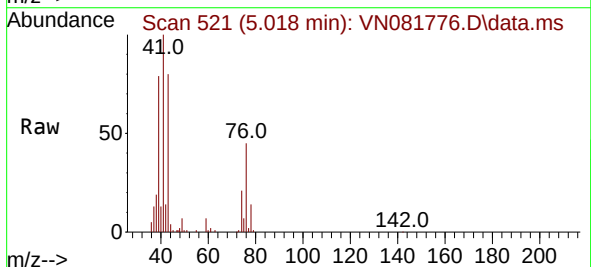
Tgt Ion: 56 Resp: 11111
Ion Ratio Lower Upper
56 100
55 72.4 55.8 83.8

Manual Integrations
APPROVED

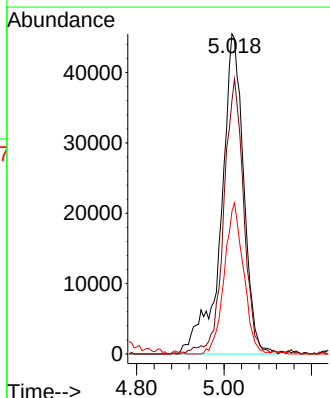
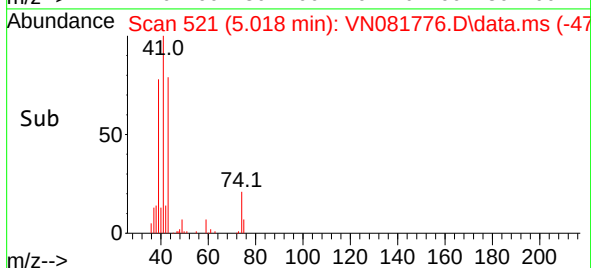
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

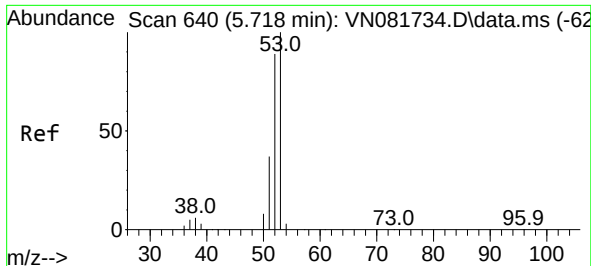


#14
Allyl chloride
Concen: 51.394 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20



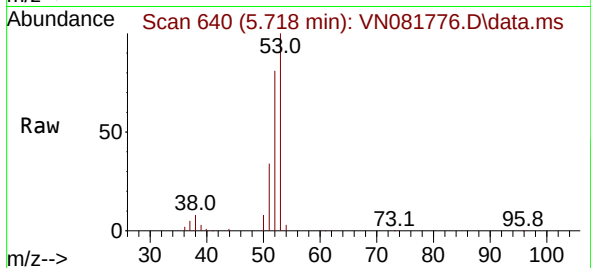
Tgt Ion: 41 Resp: 162700
Ion Ratio Lower Upper
41 100
39 76.0 65.4 98.0
76 40.2 37.3 55.9





#15
Acrylonitrile
Concen: 263.283 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

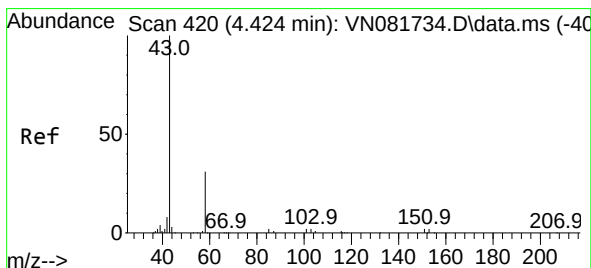
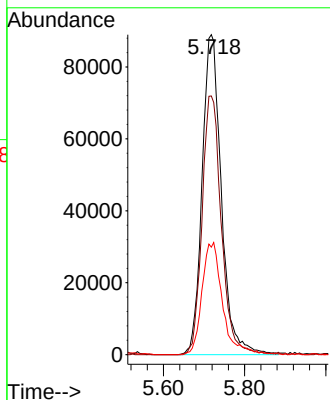
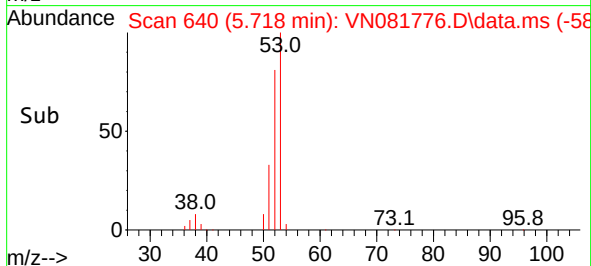
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



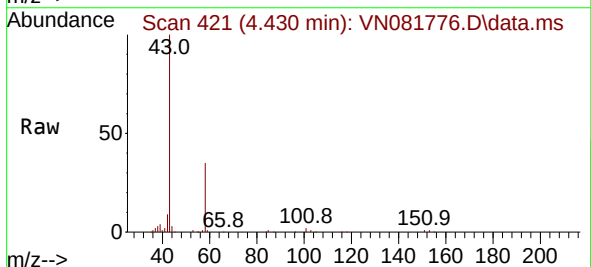
Tgt Ion: 53 Resp: 292810
Ion Ratio Lower Upper
53 100
52 81.0 66.1 99.1
51 37.3 29.4 44.2

Manual Integrations
APPROVED

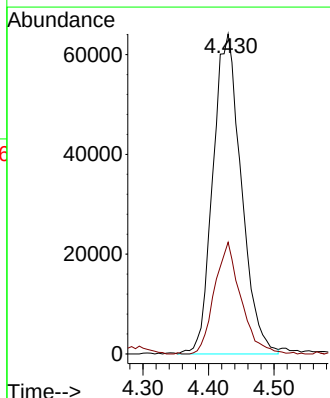
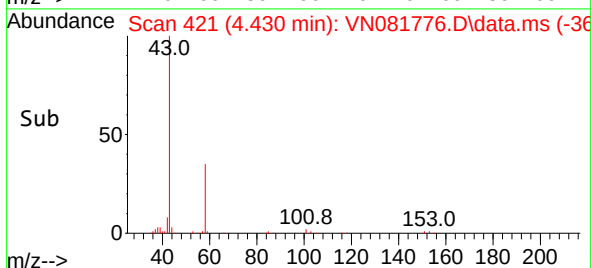
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

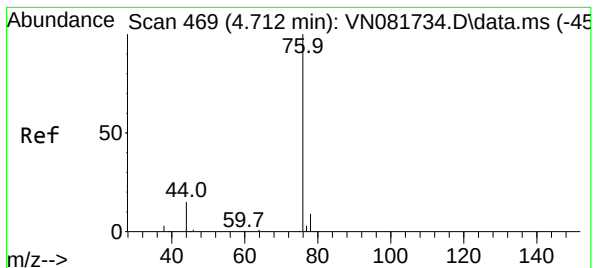


#16
Acetone
Concen: 234.243 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20



Tgt Ion: 43 Resp: 192611
Ion Ratio Lower Upper
43 100
58 34.5 25.2 37.8





#17

Carbon Disulfide

Concen: 40.812 ug/l

RT: 4.712 min Scan# 40

Delta R.T. 0.000 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 29589

Ion Ratio Lower Upper

76 100

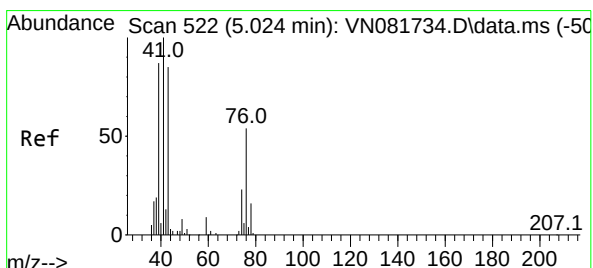
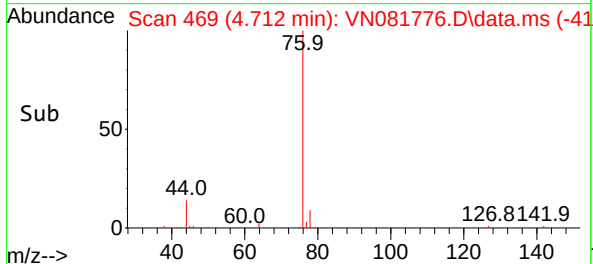
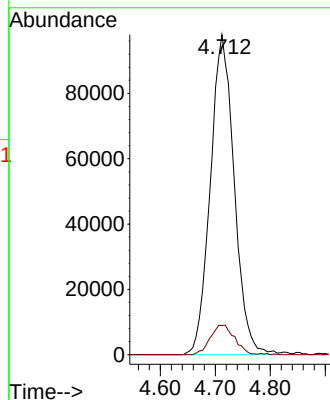
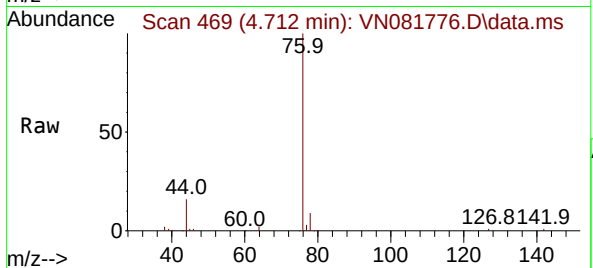
78 9.1 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#18

Methyl Acetate

Concen: 51.412 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN081776.D

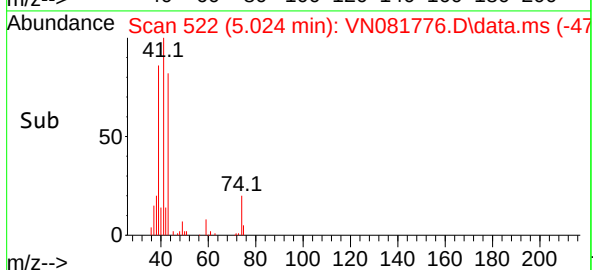
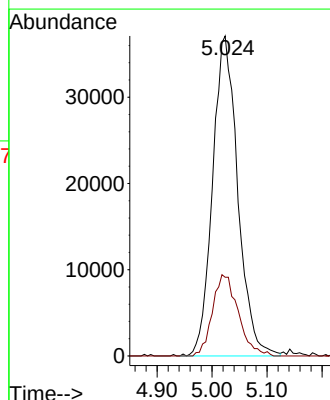
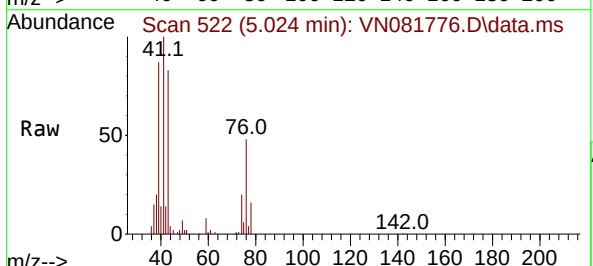
Acq: 18 Apr 2024 10:20

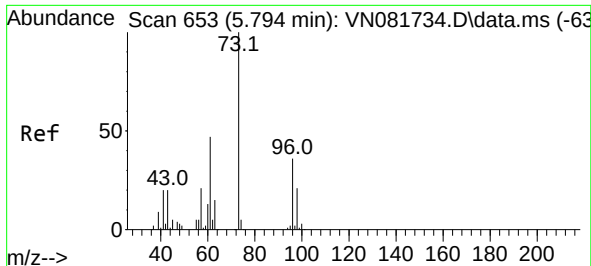
Tgt Ion: 43 Resp: 118241

Ion Ratio Lower Upper

43 100

74 25.9 22.2 33.2





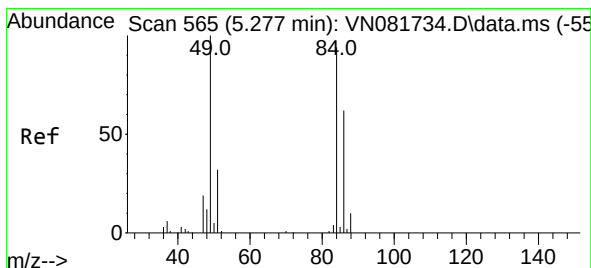
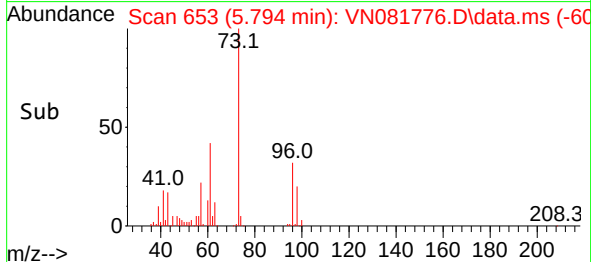
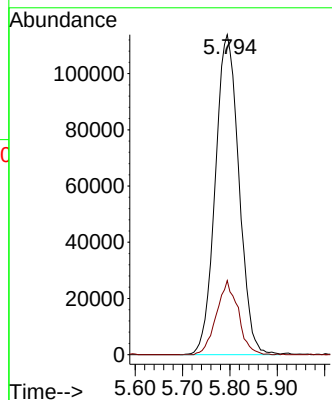
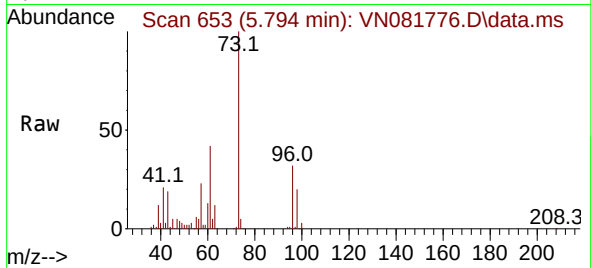
#19
Methyl tert-butyl Ether
Concen: 54.384 ug/l
RT: 5.794 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 394839
Ion Ratio Lower Upper
73 100
57 23.2 16.5 24.7

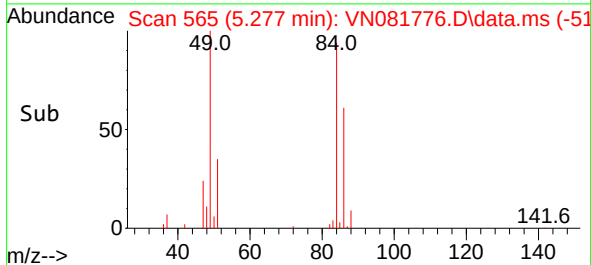
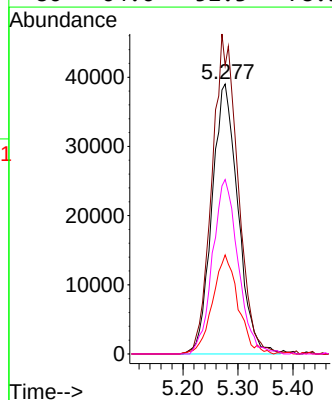
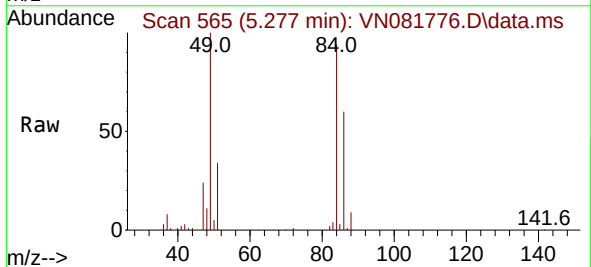
Manual Integrations
APPROVED

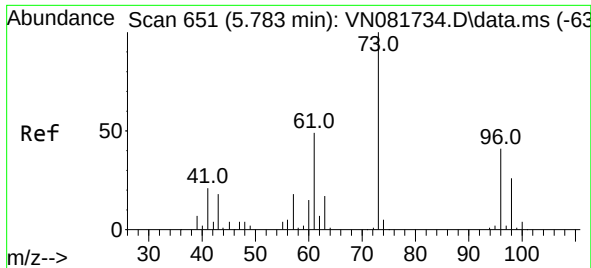
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#20
Methylene Chloride
Concen: 52.846 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

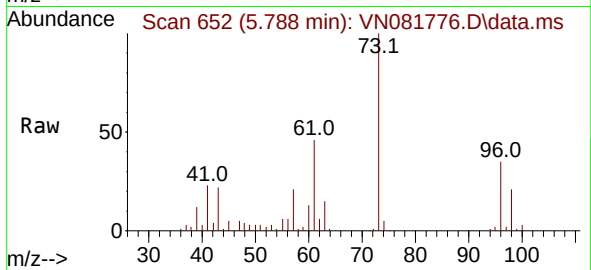
Tgt Ion: 84 Resp: 128233
Ion Ratio Lower Upper
84 100
49 106.8 84.9 127.3
51 36.7 27.0 40.6
86 64.6 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 47.120 ug/l
RT: 5.788 min Scan# 611
Delta R.T. 0.005 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

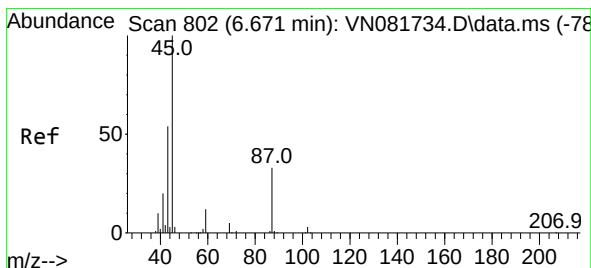
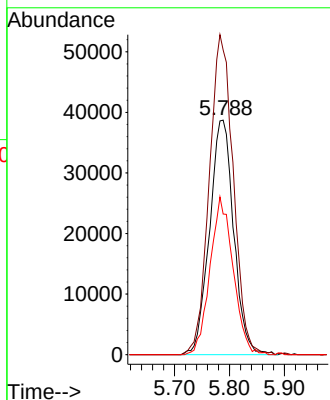
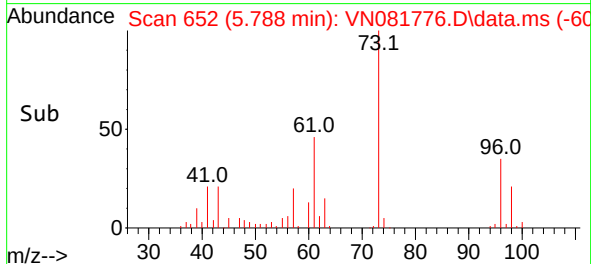
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 11805
Ion Ratio Lower Upper
96 100
61 129.9 96.5 144.7
98 60.0 51.3 76.9

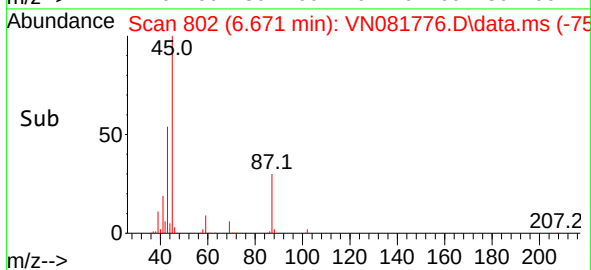
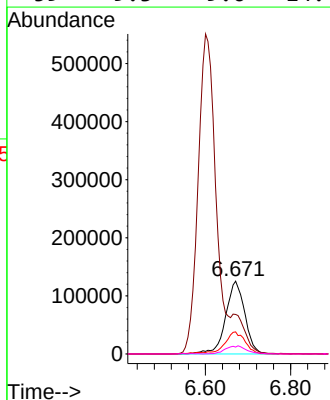
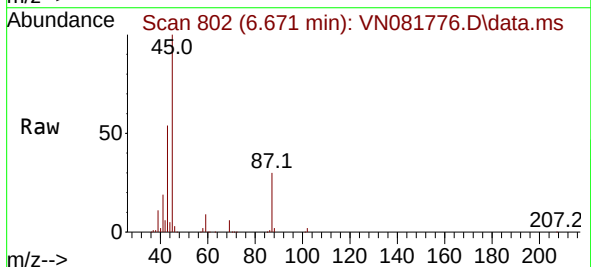
Manual Integrations
APPROVED

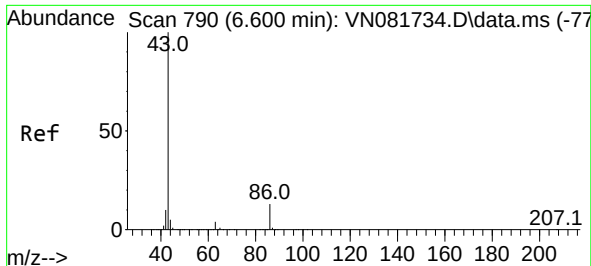
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#22
Diisopropyl ether
Concen: 56.742 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

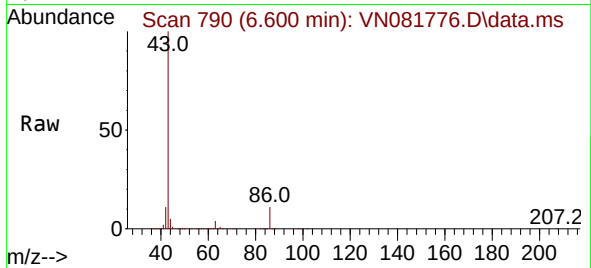
Tgt Ion: 45 Resp: 390904
Ion Ratio Lower Upper
45 100
43 53.8 44.1 66.1
87 30.3 27.0 40.6
59 9.3 9.6 14.4#





#23
 Vinyl Acetate
 Concen: 295.831 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081776.D
 Acq: 18 Apr 2024 10:20

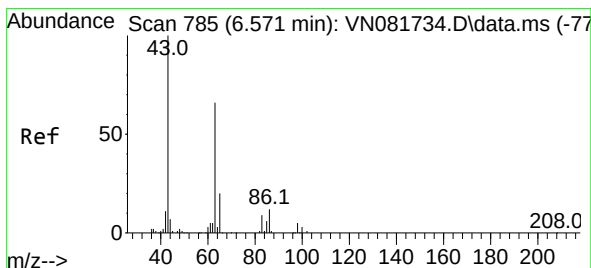
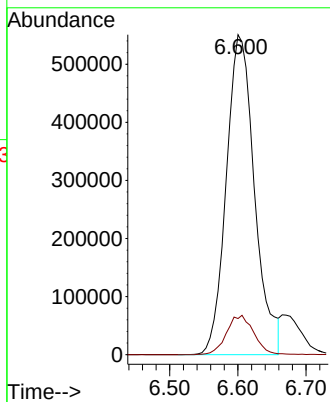
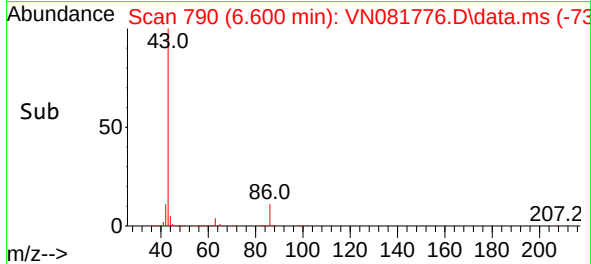
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



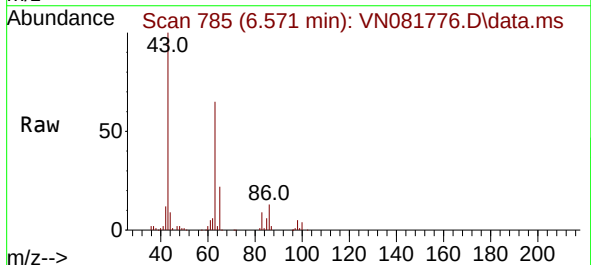
Tgt Ion: 43 Resp: 159083
 Ion Ratio Lower Upper
 43 100
 86 11.3 10.2 15.4

Manual Integrations
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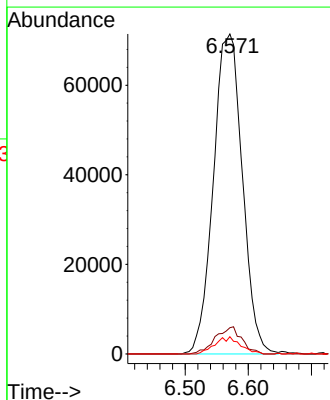
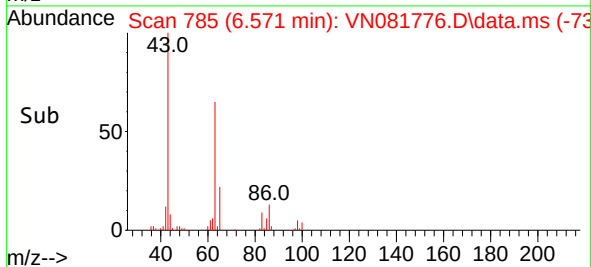
Reviewed By :John Carlone 04/19/2024
 Supervised By :Mahesh Dadoda 04/19/2024

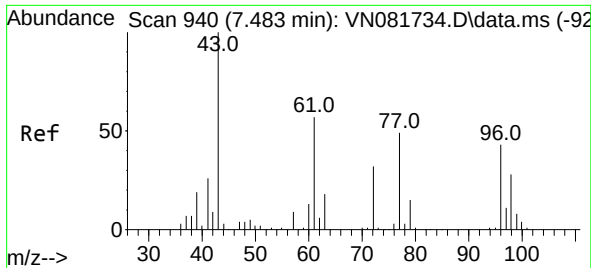


#24
 1,1-Dichloroethane
 Concen: 50.290 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081776.D
 Acq: 18 Apr 2024 10:20



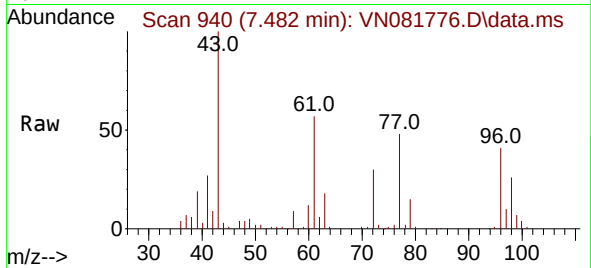
Tgt Ion: 63 Resp: 227949
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.9
 100 5.4 2.6 7.8





#25
2-Butanone
Concen: 268.771 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.001 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

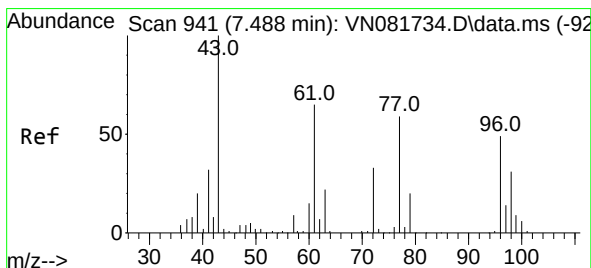
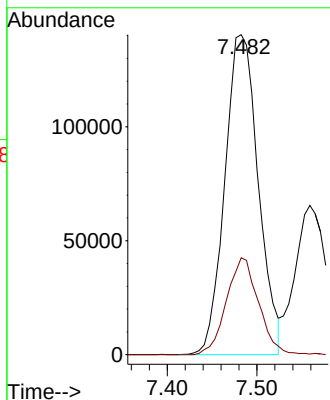
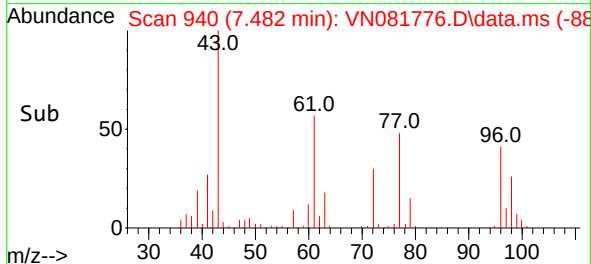
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



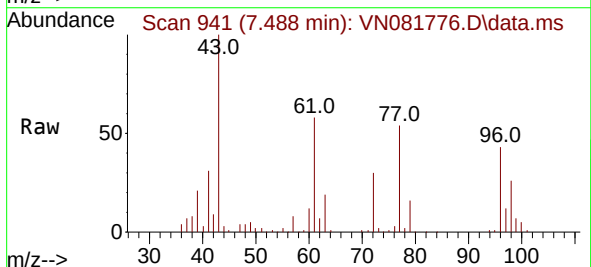
Tgt Ion: 43 Resp: 364329
Ion Ratio Lower Upper
43 100
72 30.3 25.3 37.9

Manual Integrations
APPROVED

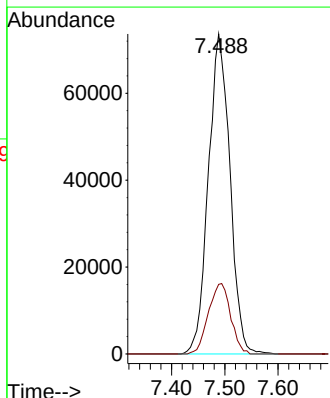
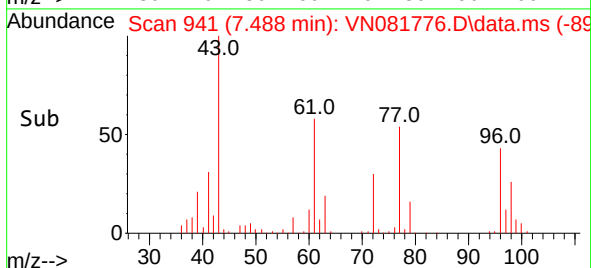
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

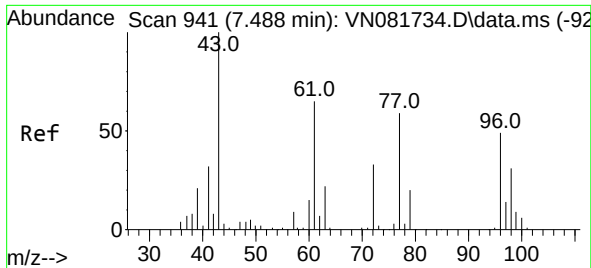


#26
2,2-Dichloropropane
Concen: 52.357 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20



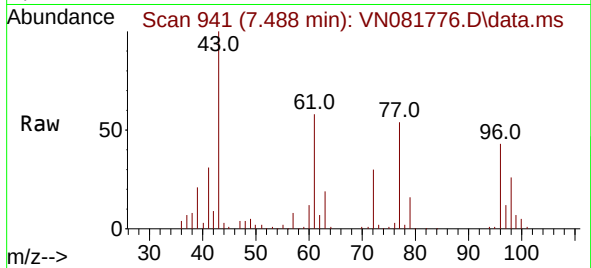
Tgt Ion: 77 Resp: 206873
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 49.470 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081776.D
 Acq: 18 Apr 2024 10:20

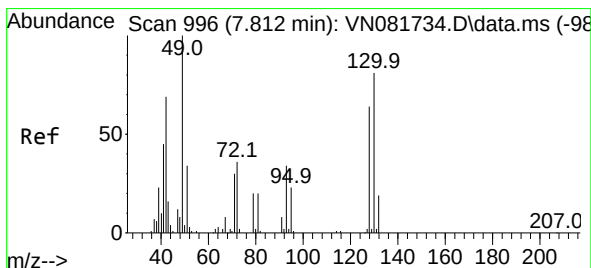
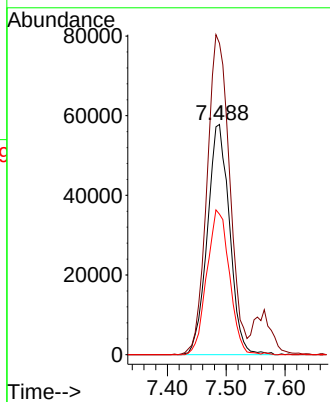
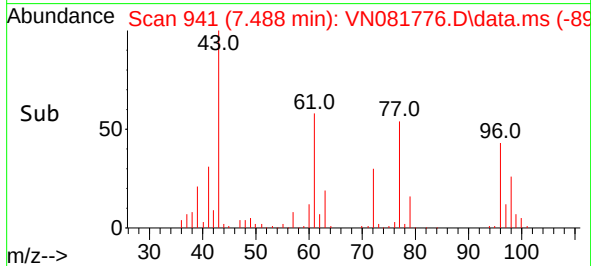
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



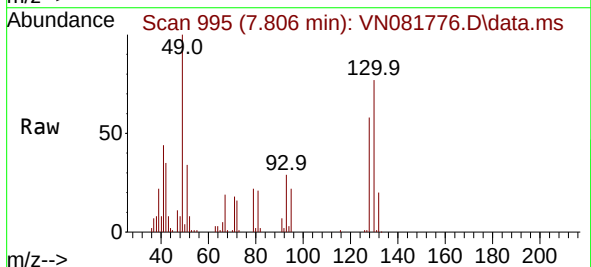
Tgt Ion: 96 Resp: 151618
 Ion Ratio Lower Upper
 96 100
 61 141.4 0.0 268.0
 98 63.9 0.0 126.8

Manual Integrations
 APPROVED

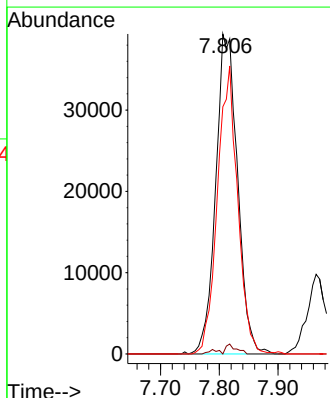
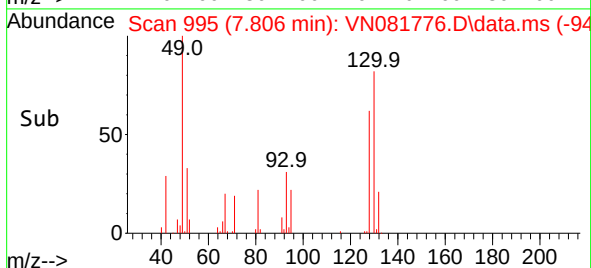
Reviewed By :John Carlone 04/19/2024
 Supervised By :Mahesh Dadoda 04/19/2024

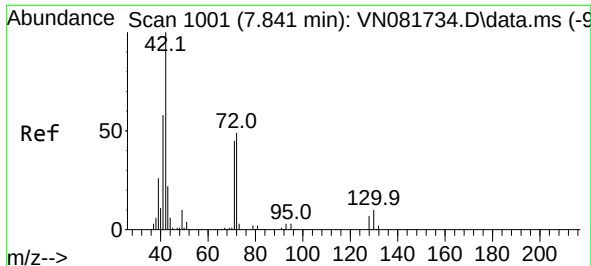


#28
 Bromochloromethane
 Concen: 52.434 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN081776.D
 Acq: 18 Apr 2024 10:20



Tgt Ion: 49 Resp: 101470
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 83.5 66.7 100.1





#29

Tetrahydrofuran

Concen: 294.839 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

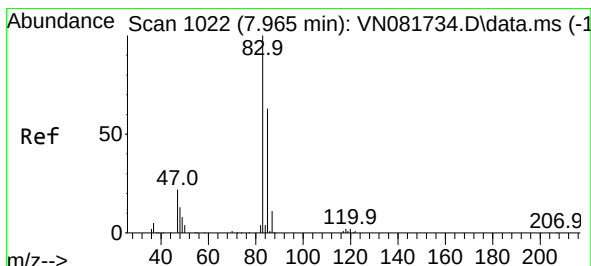
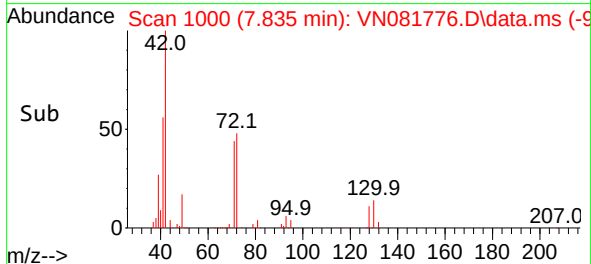
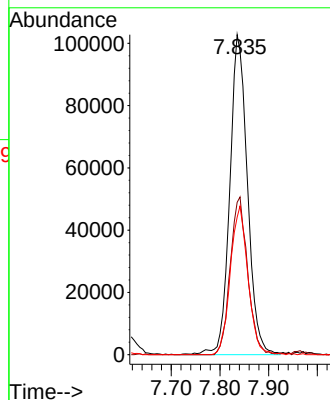
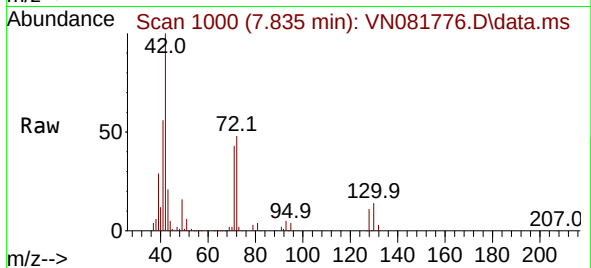
Tgt Ion:	42	Resp:	25857
Ion Ratio	Lower	Upper	
42	100		
72	48.7	39.3	58.9
71	46.3	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#30

Chloroform

Concen: 51.142 ug/l

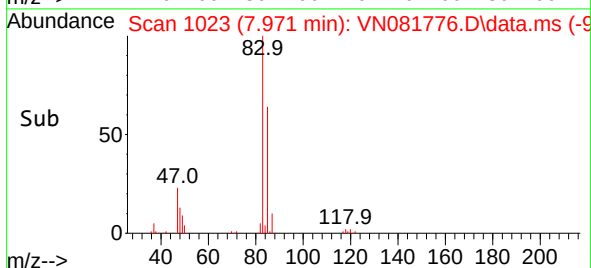
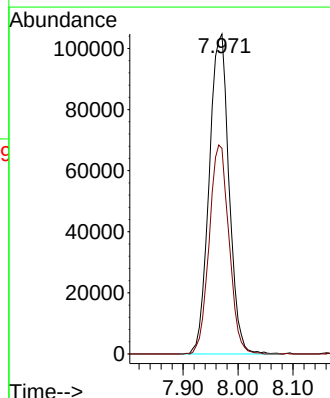
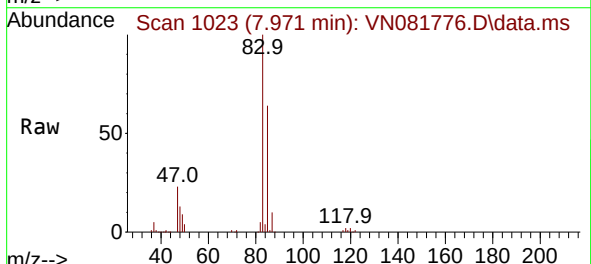
RT: 7.971 min Scan# 1023

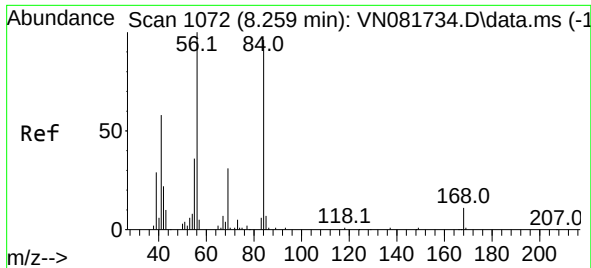
Delta R.T. 0.006 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

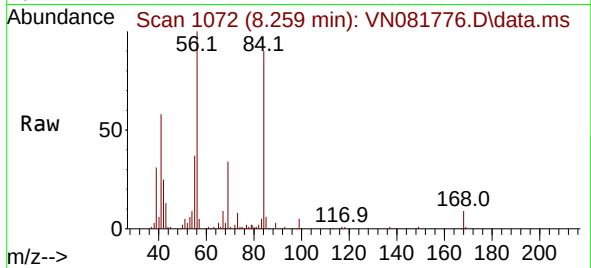
Tgt Ion:	83	Resp:	262860
Ion Ratio	Lower	Upper	
83	100		
85	64.2	50.7	76.1





#31
Cyclohexane
Concen: 47.118 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

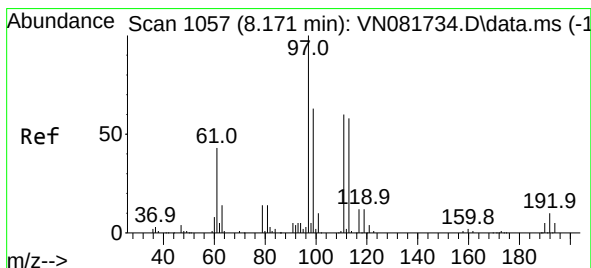
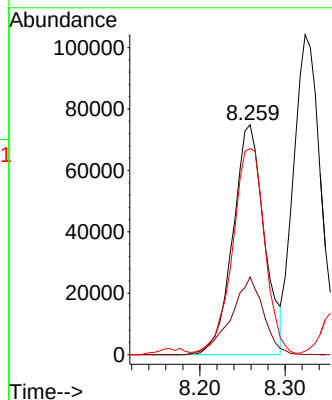
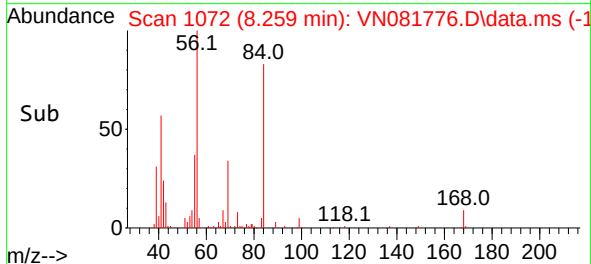
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



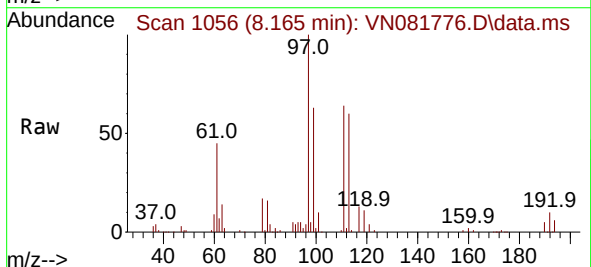
Tgt Ion: 56 Resp: 190960
Ion Ratio Lower Upper
56 100
69 33.7 24.4 36.6
84 86.9 77.0 115.4

Manual Integrations
APPROVED

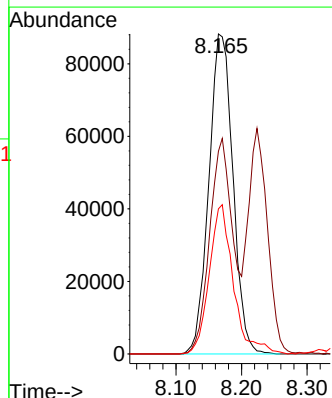
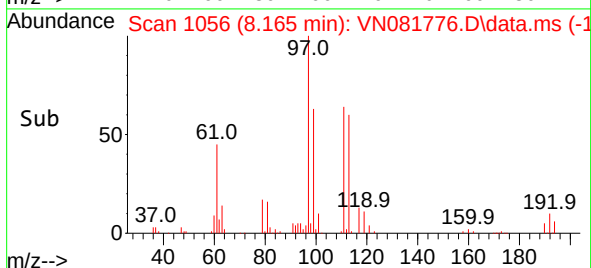
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

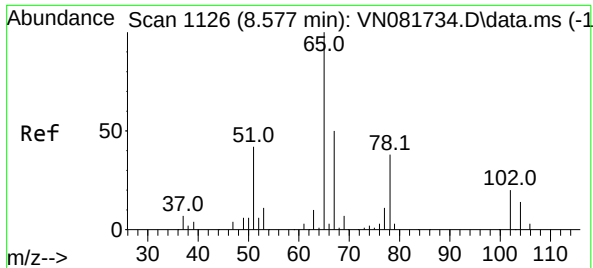


#32
1,1,1-Trichloroethane
Concen: 49.326 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20



Tgt Ion: 97 Resp: 224814
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 46.9 36.6 55.0





#33
1,2-Dichloroethane-d4
Concen: 56.870 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

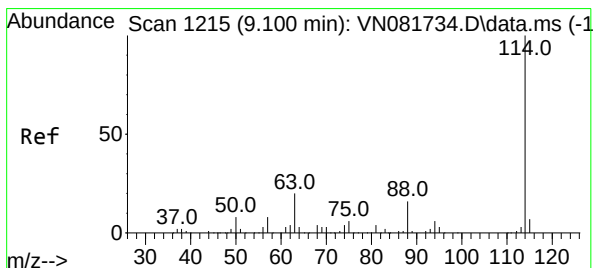
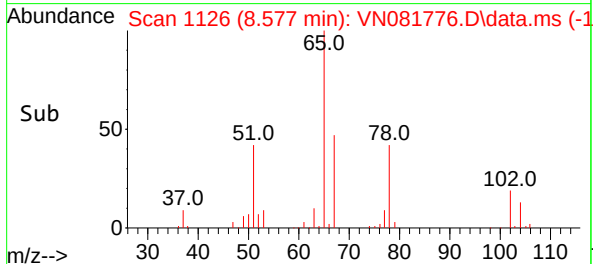
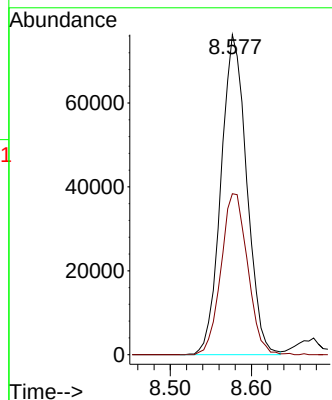
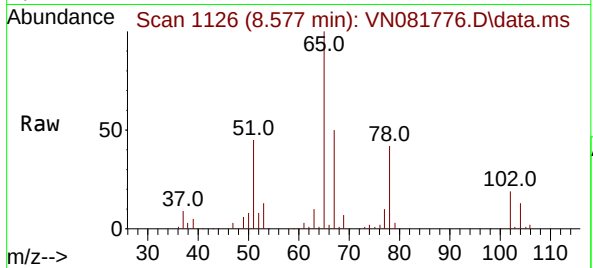
VSTDCCC050

Tgt Ion: 65 Resp: 168014
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

Manual Integrations

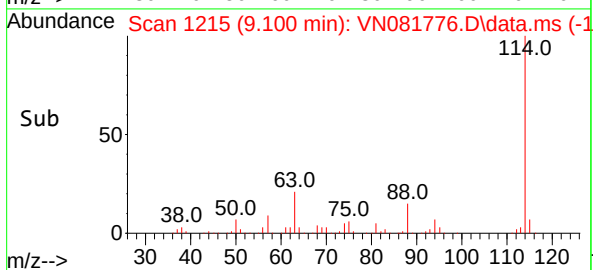
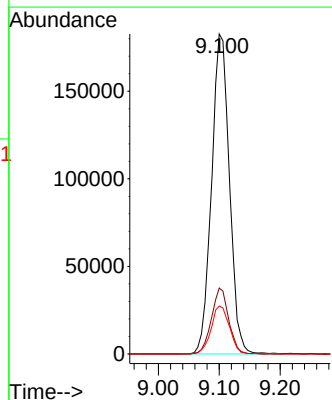
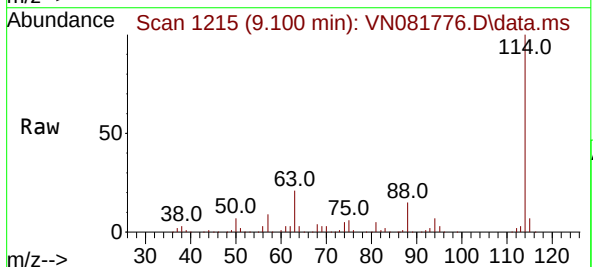
APPROVED

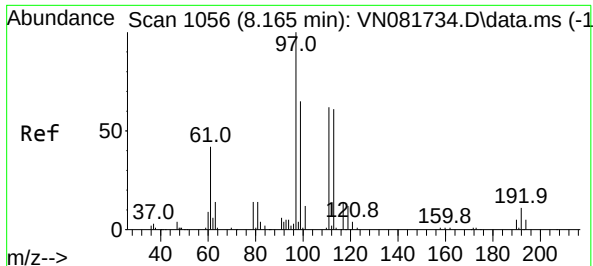
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Tgt Ion:114 Resp: 371825
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.0
88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.555 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

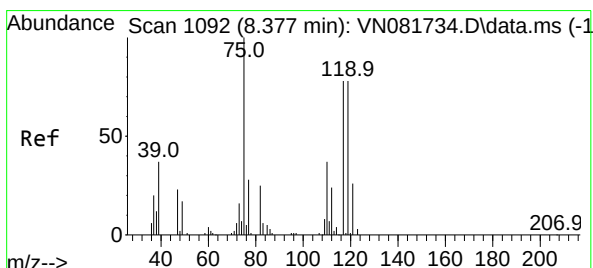
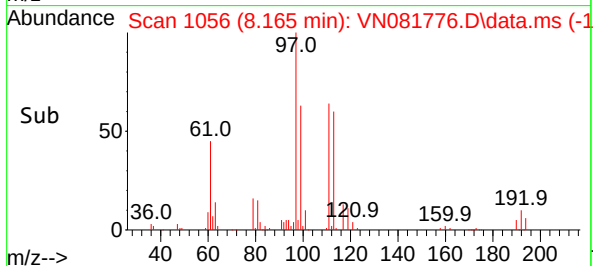
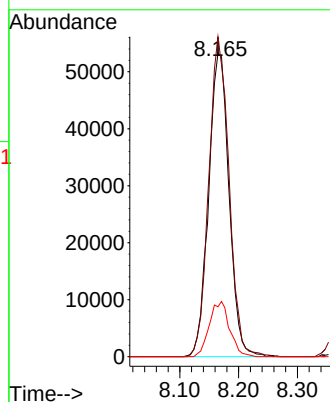
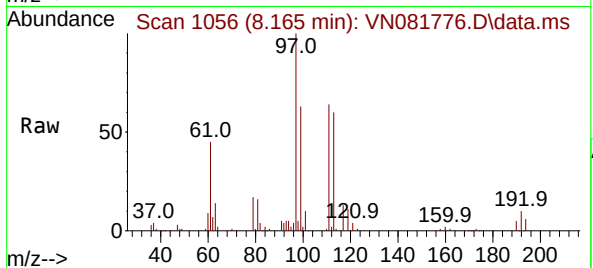
Tgt Ion:	113	Resp:	129040
Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.4	125.2
192	18.0	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#36

1,1-Dichloropropene

Concen: 50.367 ug/l

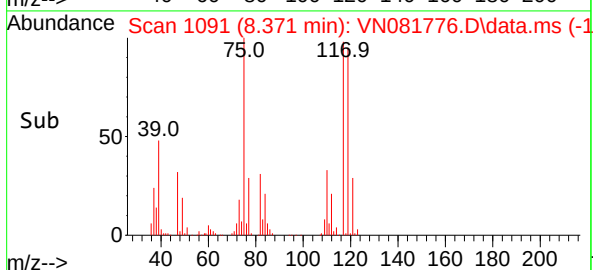
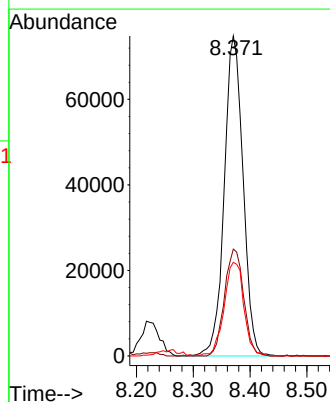
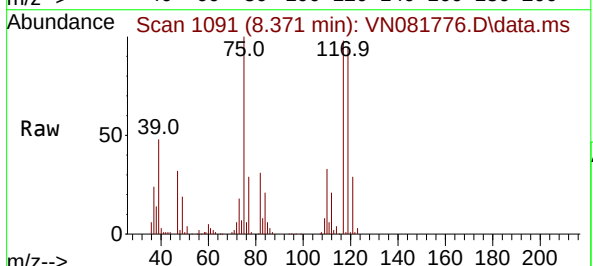
RT: 8.371 min Scan# 1091

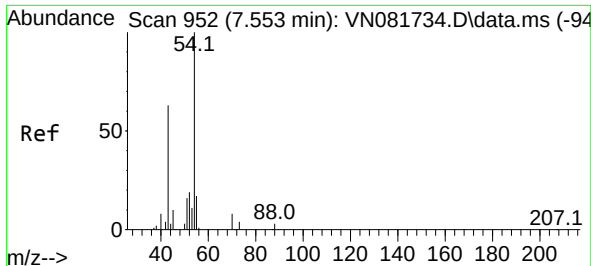
Delta R.T. -0.006 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Tgt Ion:	75	Resp:	172302
Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.8	53.5
77	30.7	25.0	37.4





#37

Ethyl Acetate

Concen: 59.774 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 16802

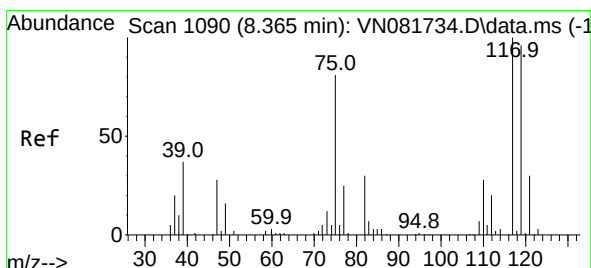
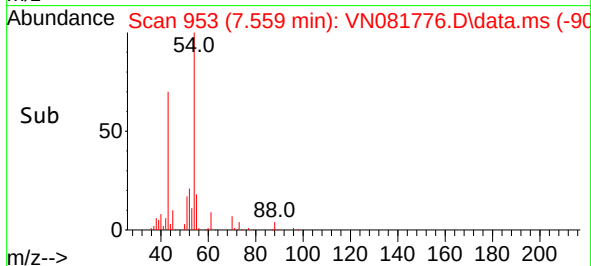
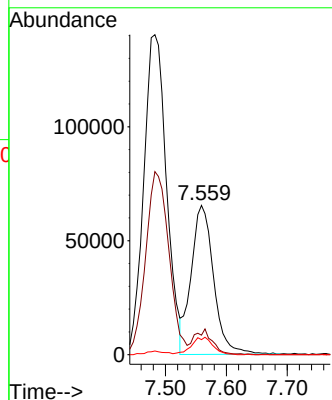
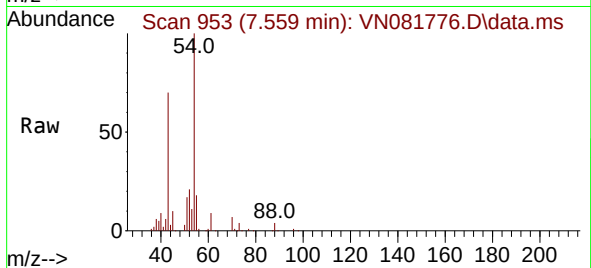
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#38

Carbon Tetrachloride

Concen: 49.654 ug/l

RT: 8.365 min Scan# 1090

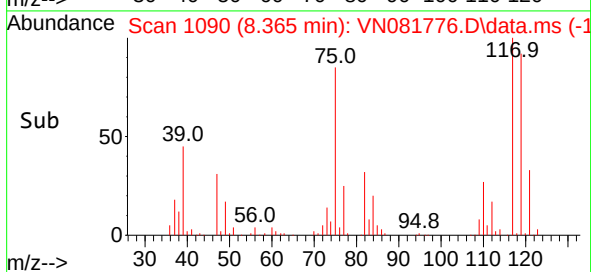
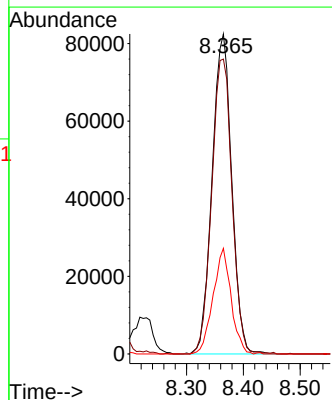
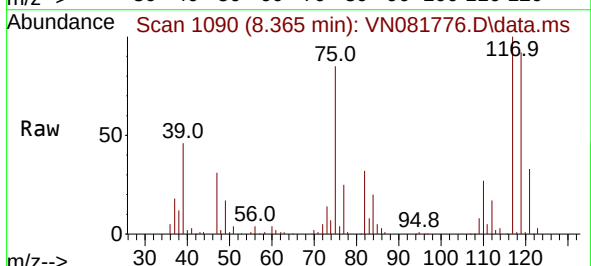
Delta R.T. -0.000 min

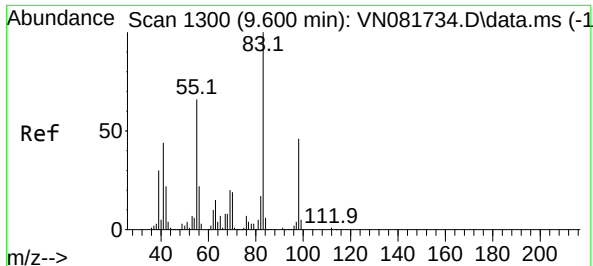
Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Tgt Ion:117 Resp: 197622

Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.5	114.7
121	33.0	23.9	35.9





#39

Methylcyclohexane

Concen: 47.565 ug/l

RT: 9.600 min Scan# 11131

Delta R.T. -0.000 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

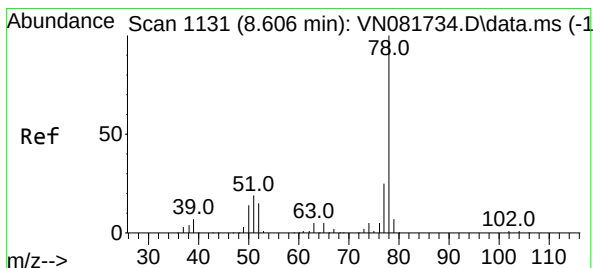
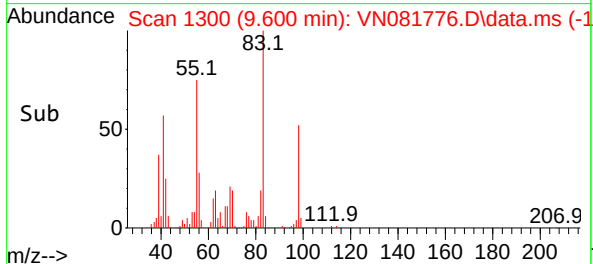
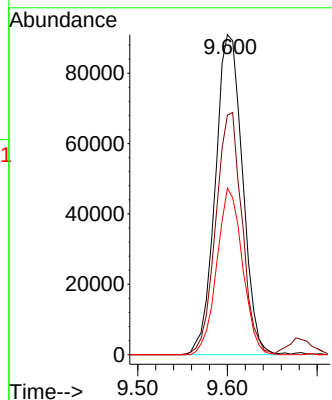
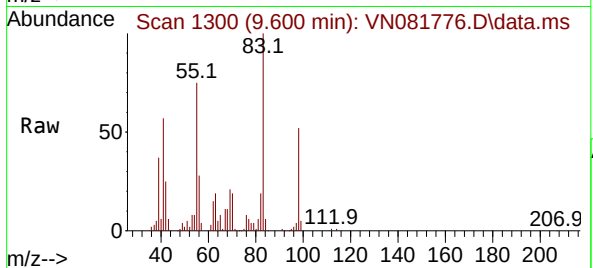
Tgt Ion:	83	Resp:	191694
Ion Ratio	Lower	Upper	
83	100		
55	74.8	53.0	79.6
98	52.1	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#40

Benzene

Concen: 51.202 ug/l

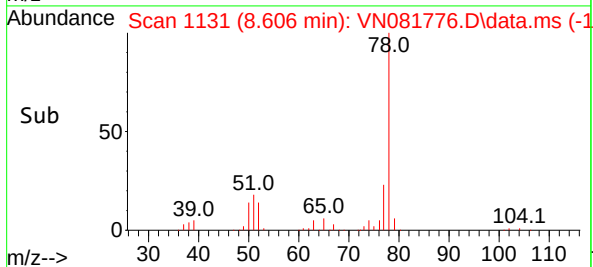
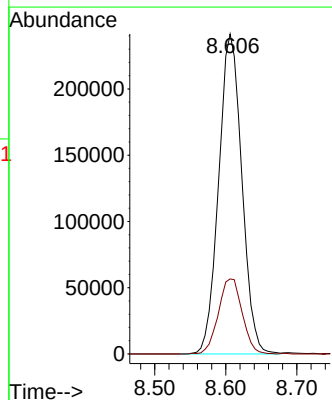
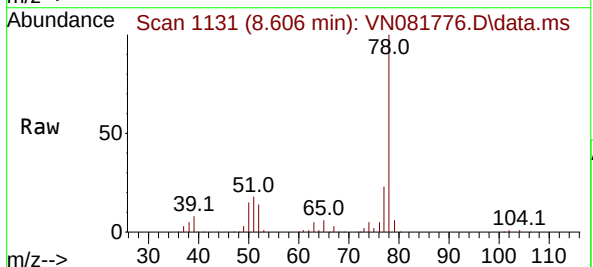
RT: 8.606 min Scan# 1131

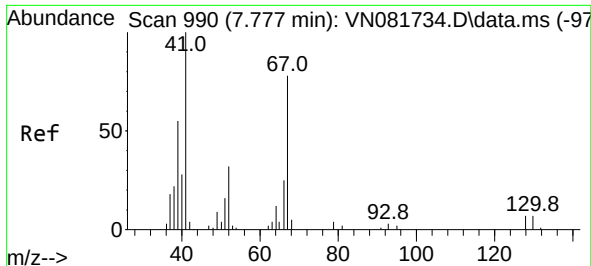
Delta R.T. -0.000 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

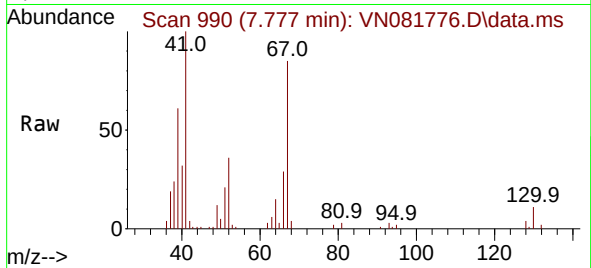
Tgt Ion:	78	Resp:	545618
Ion Ratio	Lower	Upper	
78	100		
77	23.5	20.0	30.0





#41
Methacrylonitrile
Concen: 56.517 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

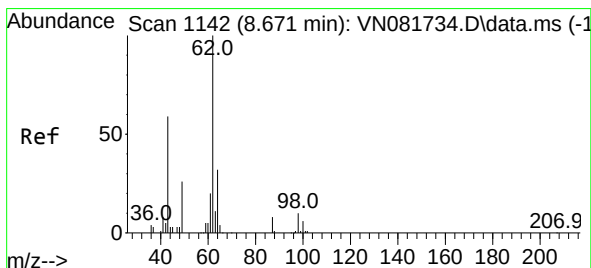
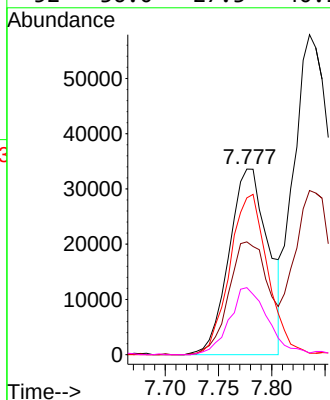
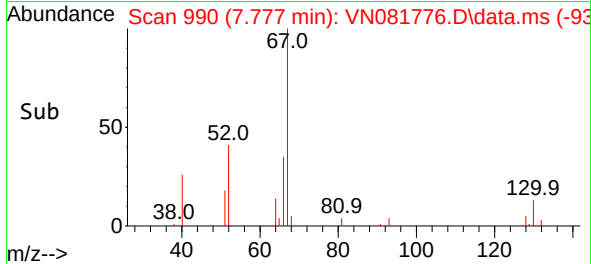
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41	Resp: 8624
Ion Ratio	Lower Upper
41	100
39	61.4 46.6 69.8
67	83.5 67.3 100.9
52	36.0 27.3 40.9

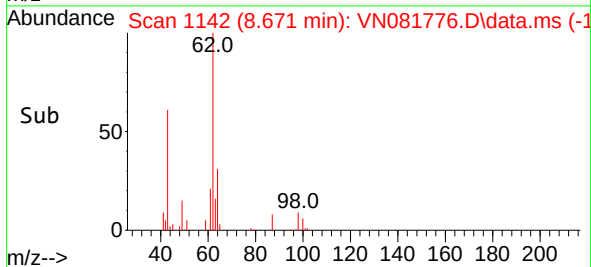
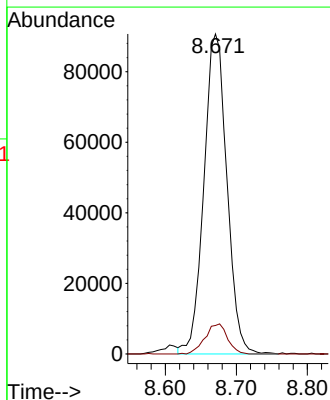
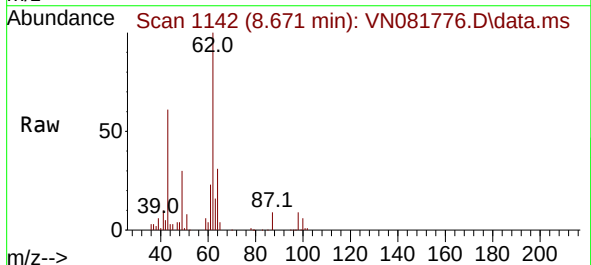
Manual Integrations
APPROVED

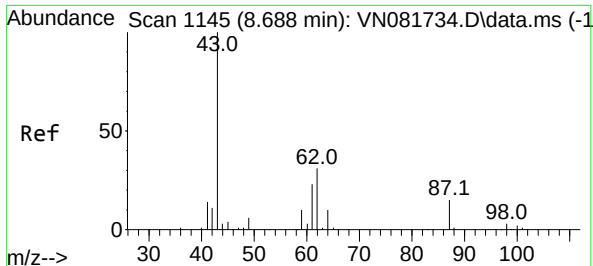
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#42
1,2-Dichloroethane
Concen: 55.027 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Tgt Ion: 62	Resp: 204409
Ion Ratio	Lower Upper
62	100
98	9.1 0.0 19.6





#43

Isopropyl Acetate

Concen: 53.248 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

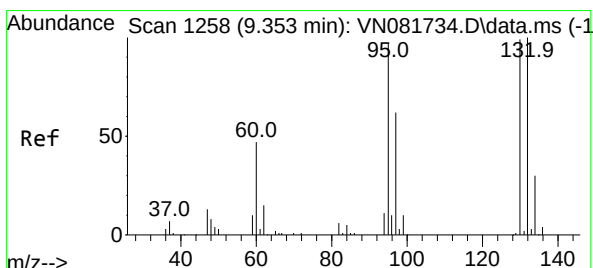
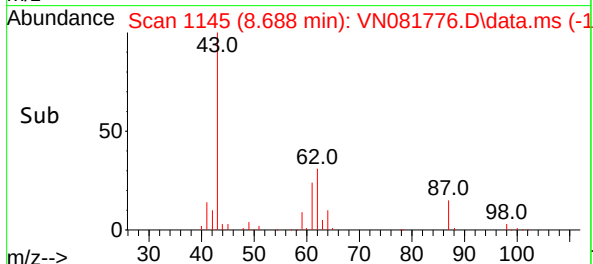
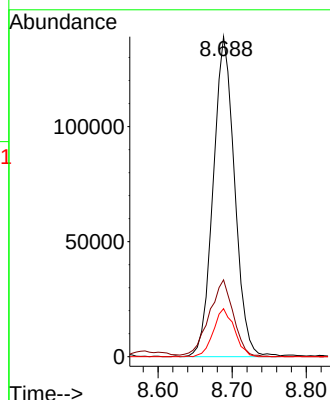
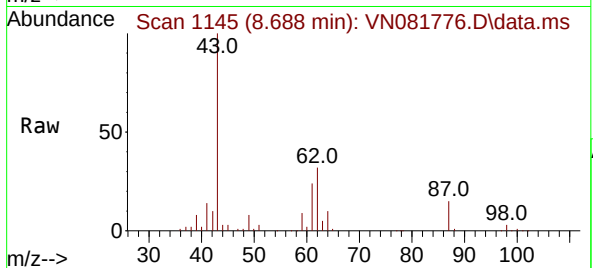
Tgt Ion:	43	Resp:	279249
Ion Ratio	Lower	Upper	
43	100		
61	27.3	22.8	34.2
87	14.7	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#44

Trichloroethene

Concen: 47.651 ug/l

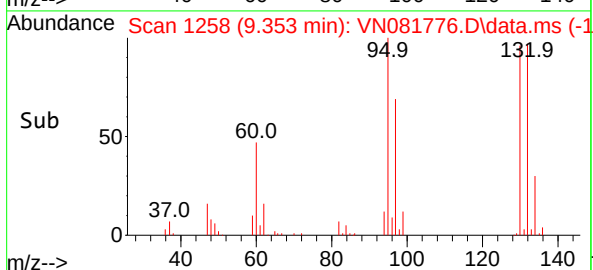
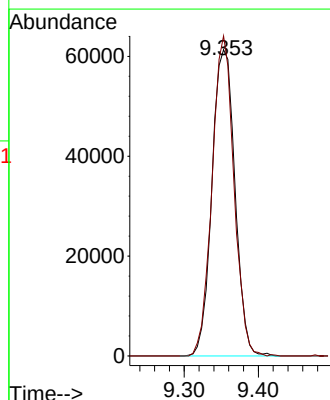
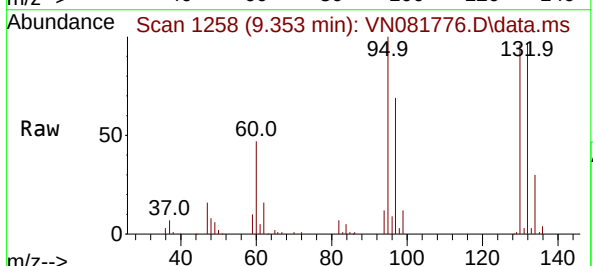
RT: 9.353 min Scan# 1258

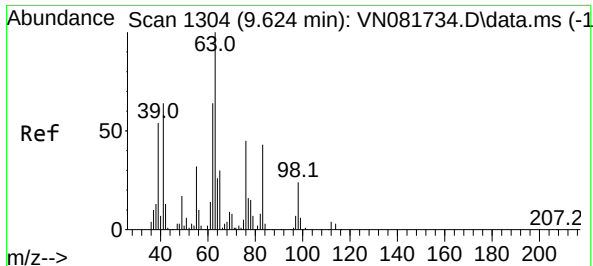
Delta R.T. -0.000 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Tgt Ion:	130	Resp:	132048
Ion Ratio	Lower	Upper	
130	100		
95	104.5	0.0	195.4





#45

1,2-Dichloropropane

Concen: 54.397 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.001 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 133644

Ion Ratio Lower Upper

63 100

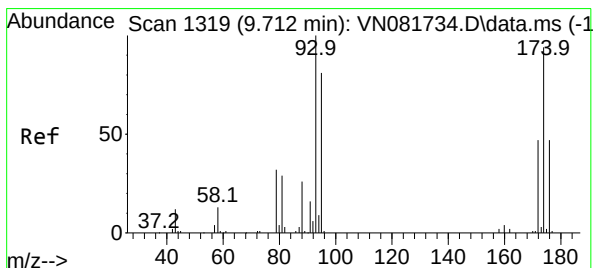
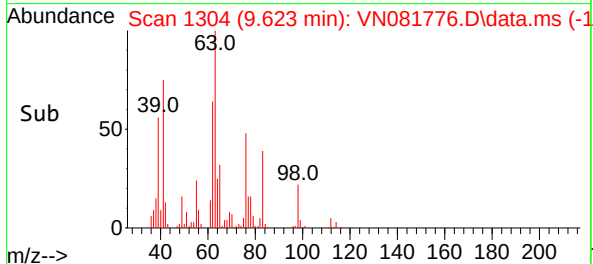
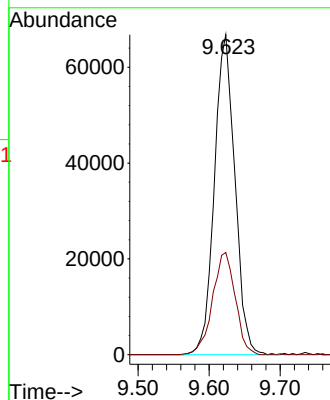
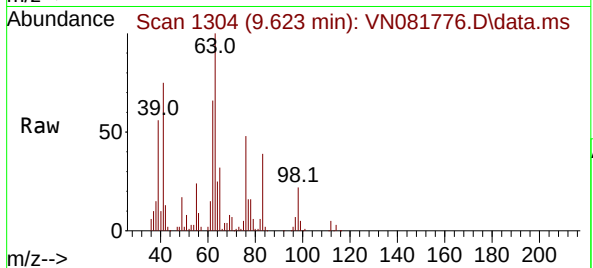
65 31.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#46

Dibromomethane

Concen: 52.465 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

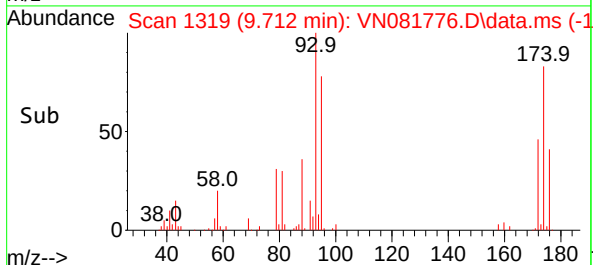
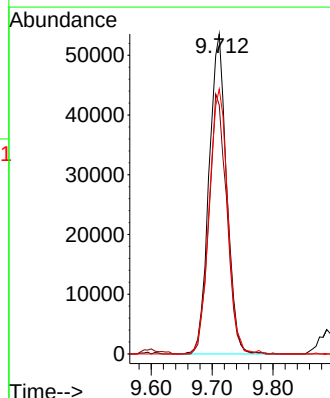
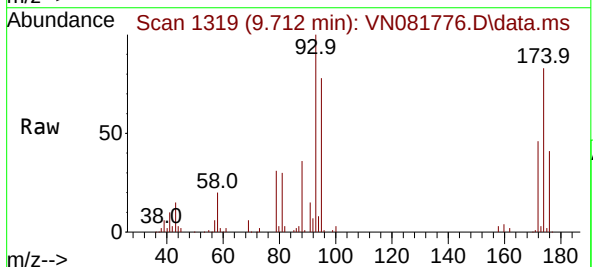
Tgt Ion: 93 Resp: 107582

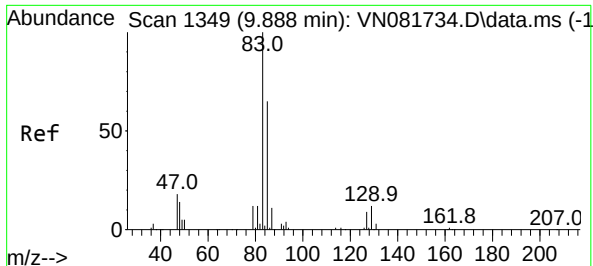
Ion Ratio Lower Upper

93 100

95 81.7 64.8 97.2

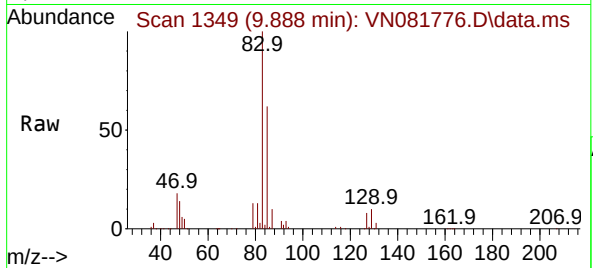
174 87.2 73.4 110.0





#47
Bromodichloromethane
Concen: 55.176 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

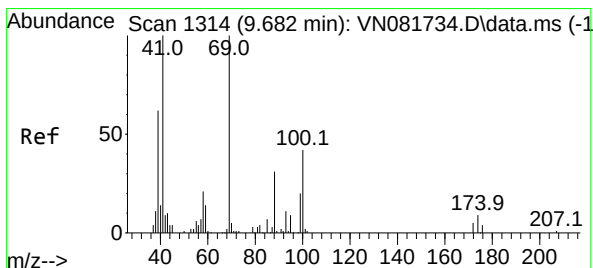
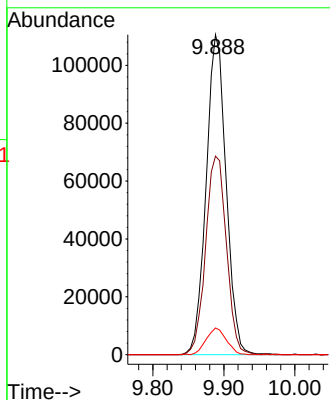
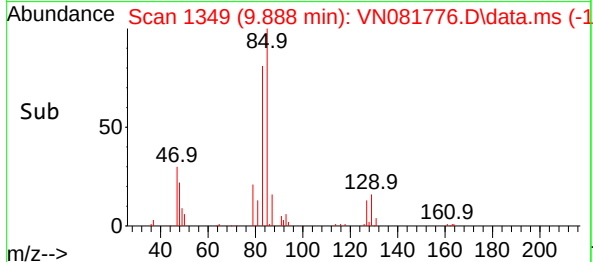
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



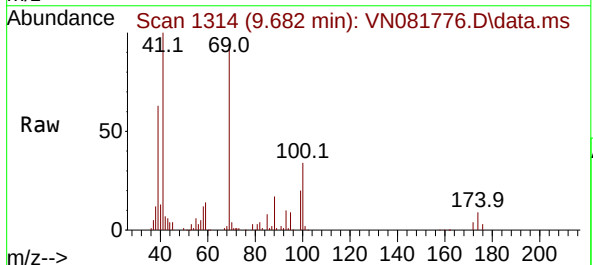
Tgt Ion: 83 Resp: 216129
Ion Ratio Lower Upper
83 100
85 62.1 51.9 77.9
127 8.4 7.5 11.3

Manual Integrations
APPROVED

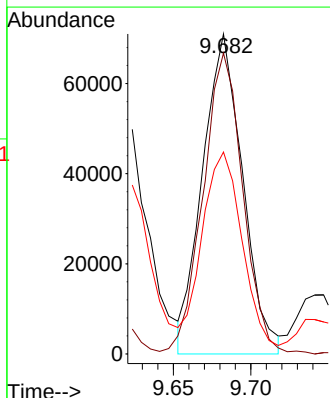
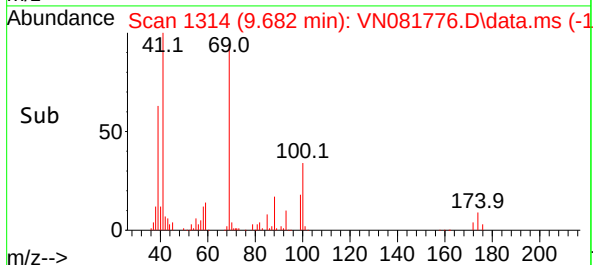
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

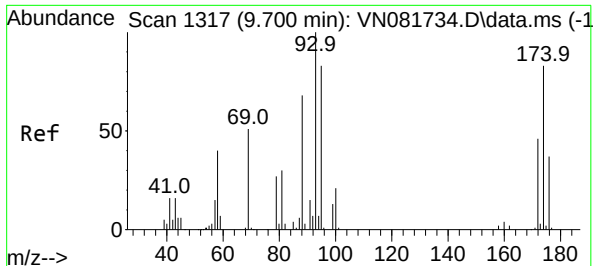


#48
Methyl methacrylate
Concen: 59.782 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20



Tgt Ion: 41 Resp: 127783
Ion Ratio Lower Upper
41 100
69 93.7 77.9 116.9
39 64.5 50.9 76.3





#49

1,4-Dioxane

Concen: 1063.420 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 57009

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6

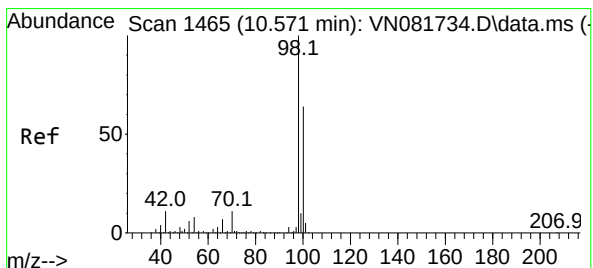
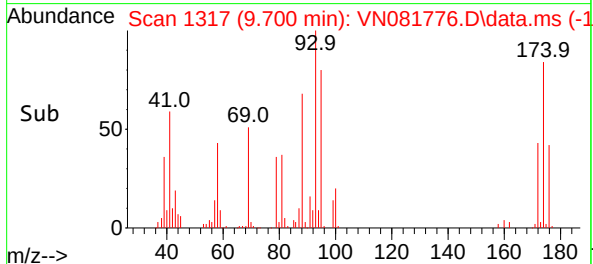
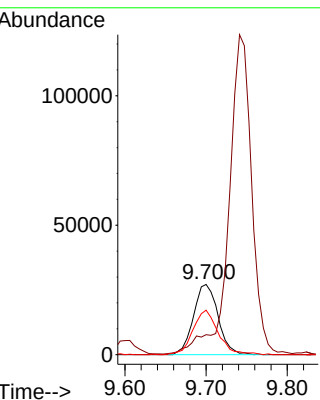
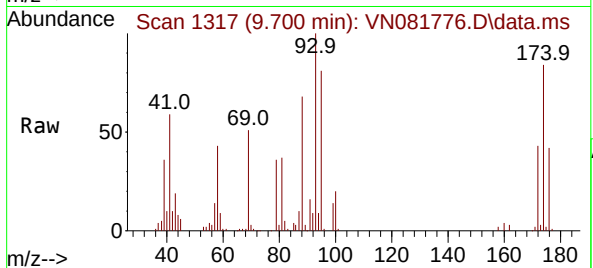
58 65.3 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#50

Toluene-d8

Concen: 53.463 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081776.D

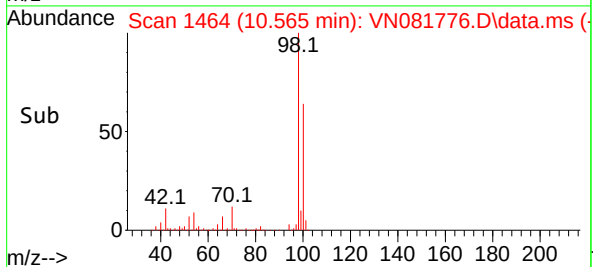
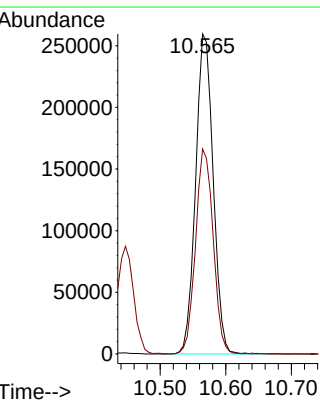
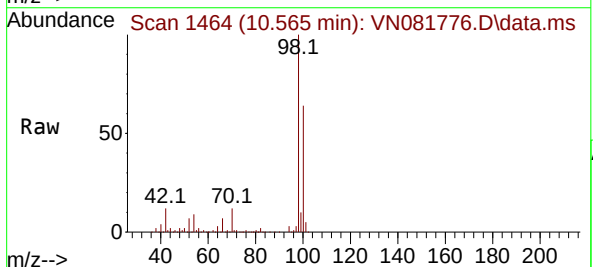
Acq: 18 Apr 2024 10:20

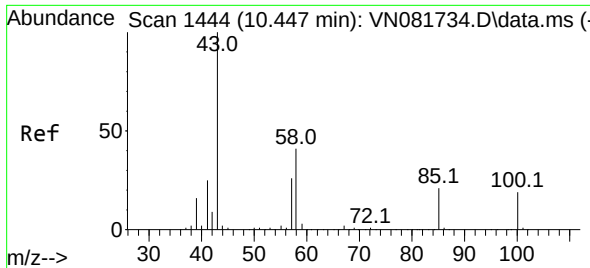
Tgt Ion: 98 Resp: 483595

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.6





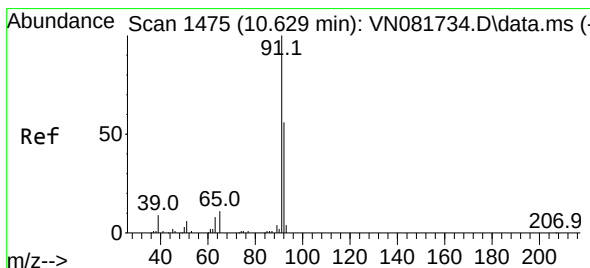
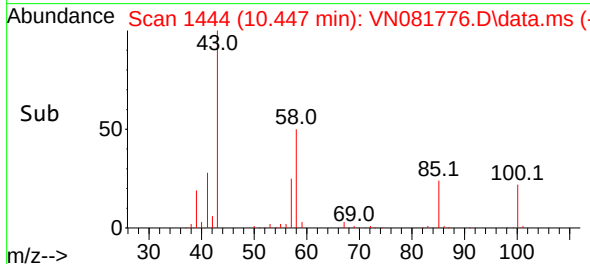
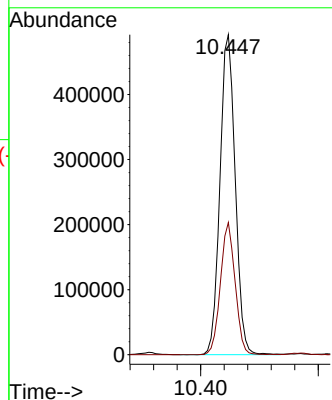
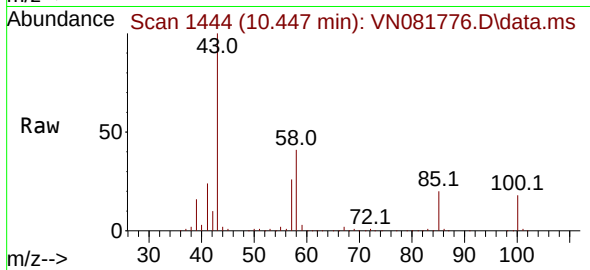
#51
4-Methyl-2-Pentanone
Concen: 303.038 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 88394
Ion Ratio Lower Upper
43 100
58 39.8 33.2 49.8

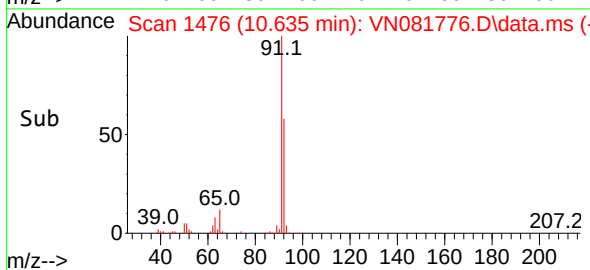
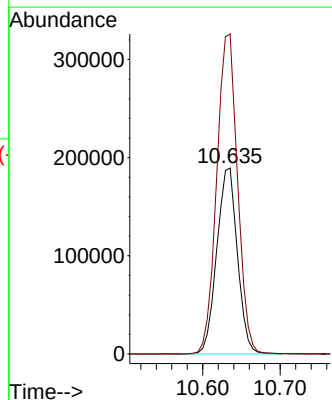
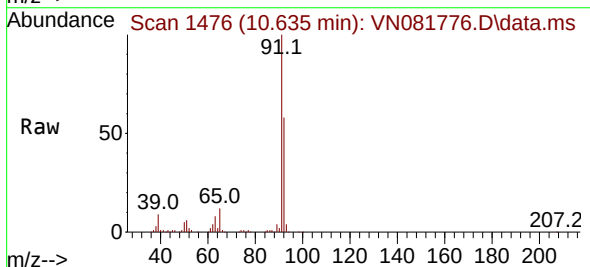
Manual Integrations
APPROVED

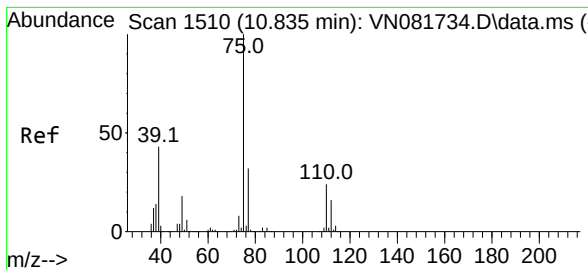
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#52
Toluene
Concen: 51.651 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Tgt Ion: 92 Resp: 349613
Ion Ratio Lower Upper
92 100
91 174.4 136.7 205.1





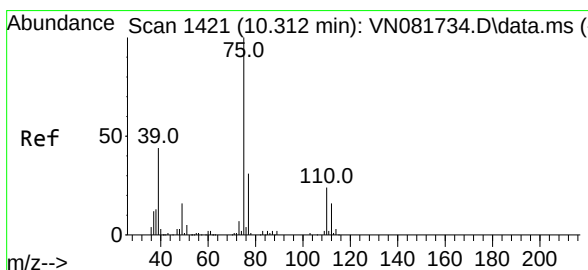
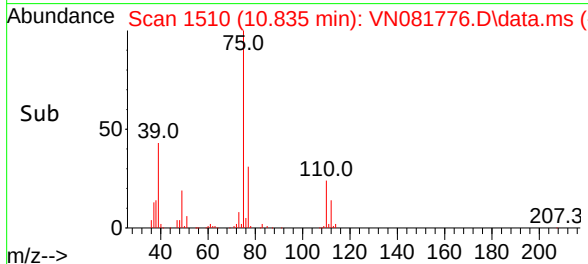
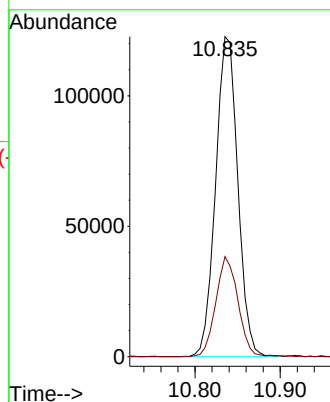
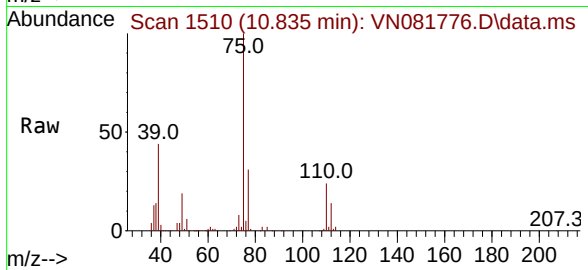
#53
t-1,3-Dichloropropene
Concen: 56.989 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 222374
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

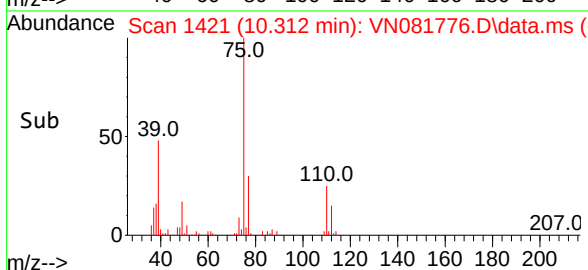
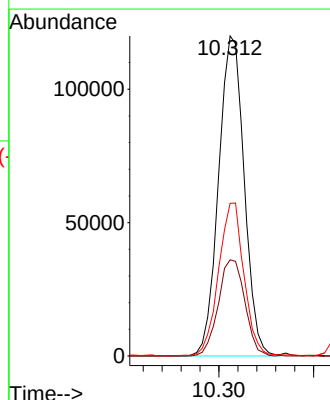
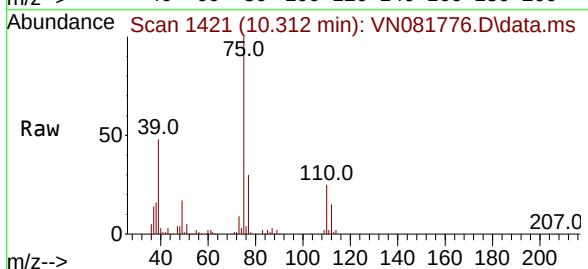
Manual Integrations
APPROVED

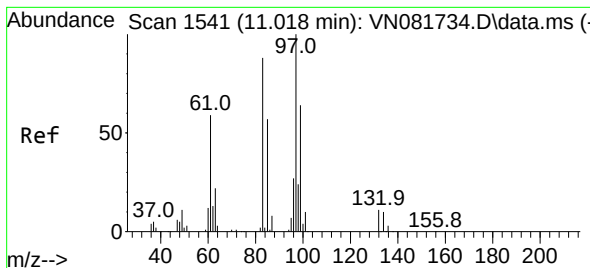
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#54
cis-1,3-Dichloropropene
Concen: 54.237 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

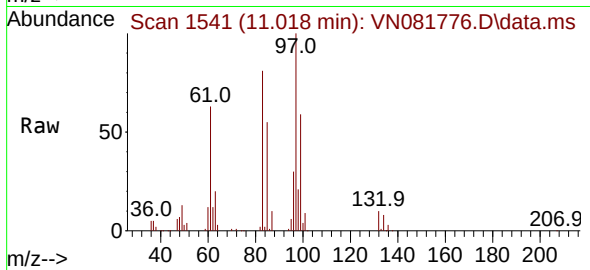
Tgt Ion: 75 Resp: 225447
Ion Ratio Lower Upper
75 100
77 30.0 25.0 37.4
39 47.6 34.8 52.2





#55
1,1,2-Trichloroethane
Concen: 55.291 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

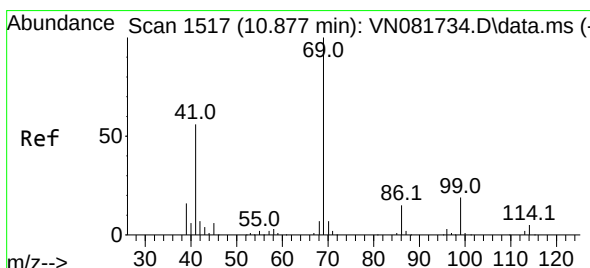
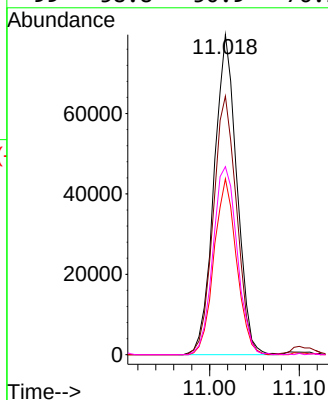
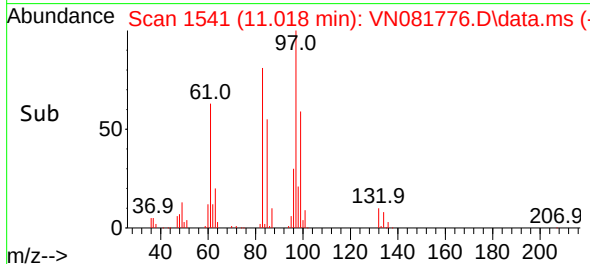
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



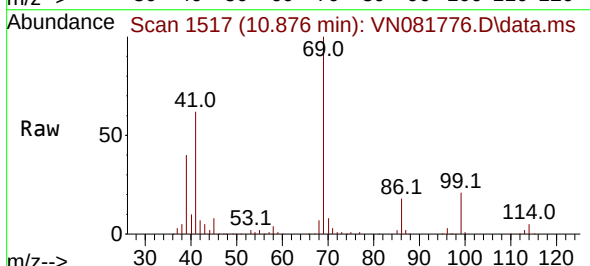
Tgt Ion: 97 Resp: 140590
Ion Ratio Lower Upper
97 100
83 80.8 70.4 105.6
85 54.9 45.6 68.4
99 58.8 50.9 76.3

Manual Integrations
APPROVED

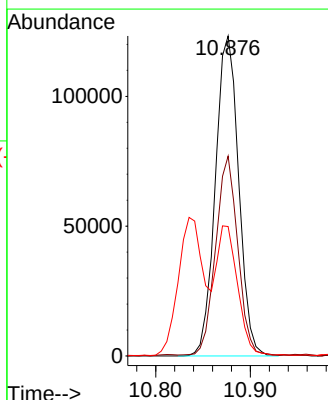
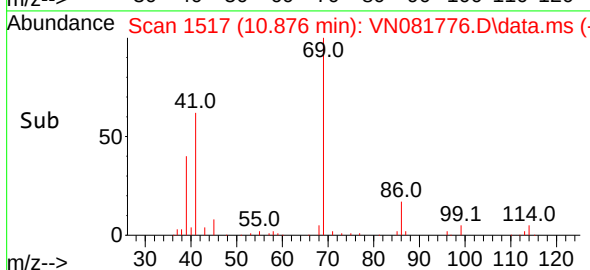
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

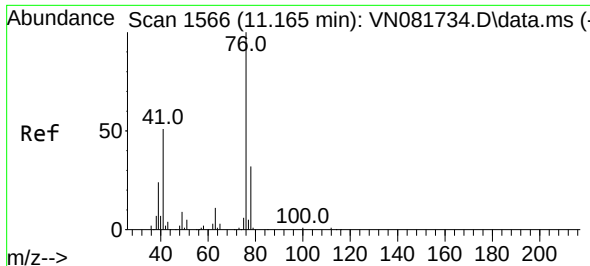


#56
Ethyl methacrylate
Concen: 60.177 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20



Tgt Ion: 69 Resp: 210535
Ion Ratio Lower Upper
69 100
41 59.1 46.6 70.0
39 36.1 26.5 39.7





#57

1,3-Dichloropropane

Concen: 54.553 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 23218

Ion Ratio Lower Upper

76 100

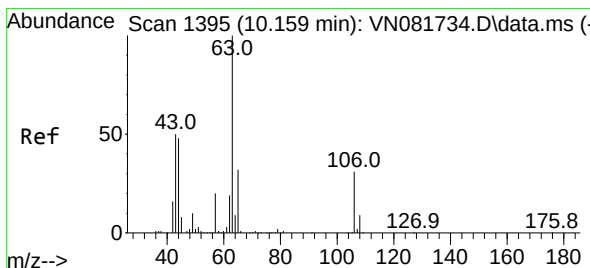
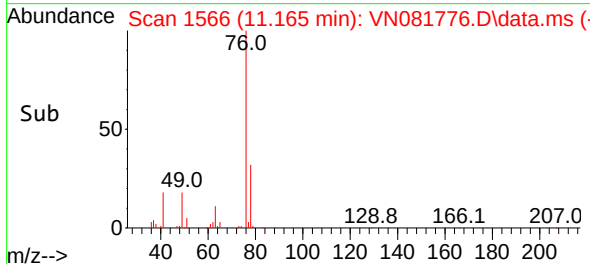
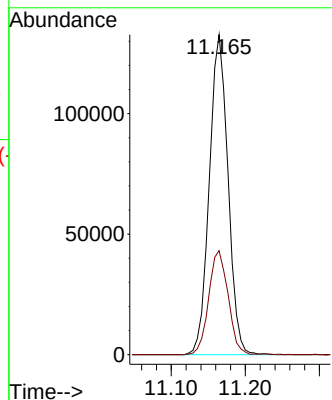
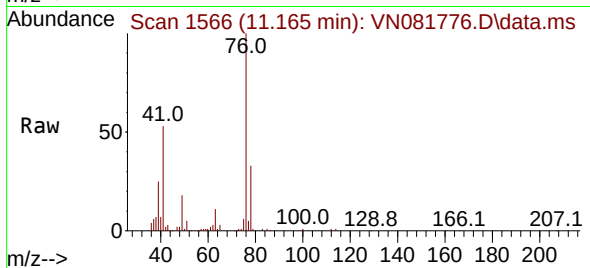
78 33.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#58

2-Chloroethyl Vinyl ether

Concen: 286.191 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081776.D

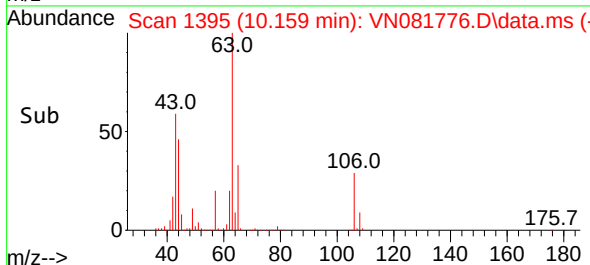
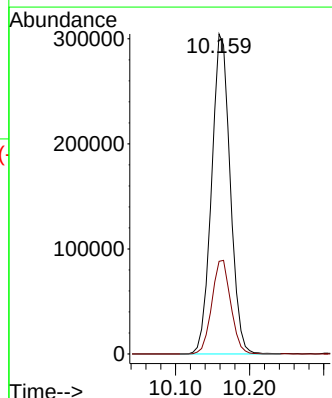
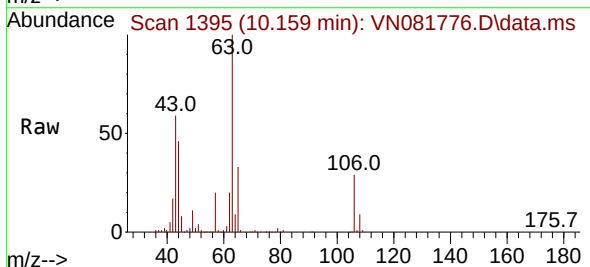
Acq: 18 Apr 2024 10:20

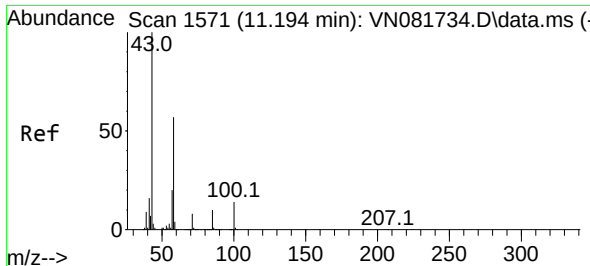
Tgt Ion: 63 Resp: 529790

Ion Ratio Lower Upper

63 100

106 29.8 24.6 36.8





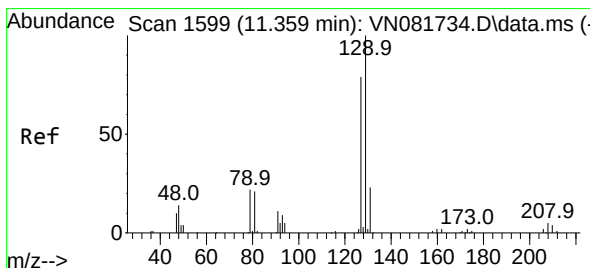
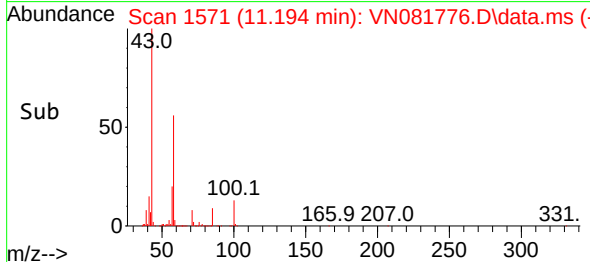
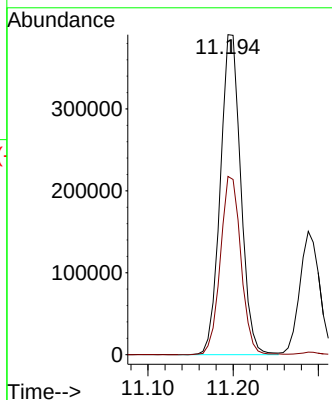
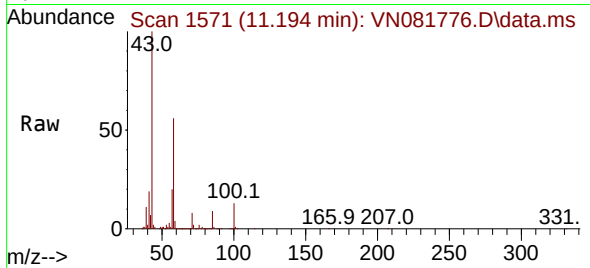
#59
2-Hexanone
Concen: 309.311 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 653139
Ion Ratio Lower Upper
43 100
58 55.8 28.3 84.9

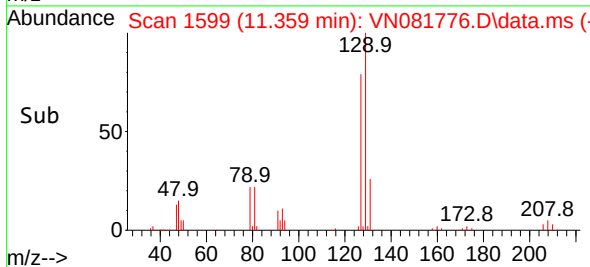
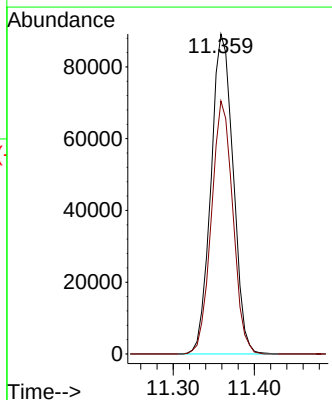
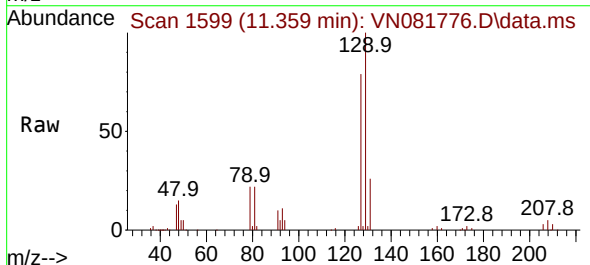
Manual Integrations
APPROVED

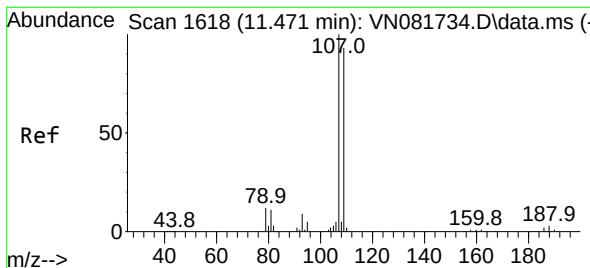
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#60
Dibromochloromethane
Concen: 55.231 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Tgt Ion:129 Resp: 169742
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.8





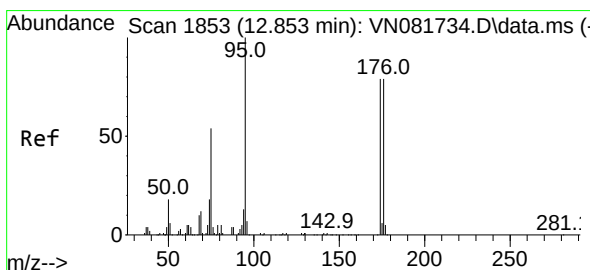
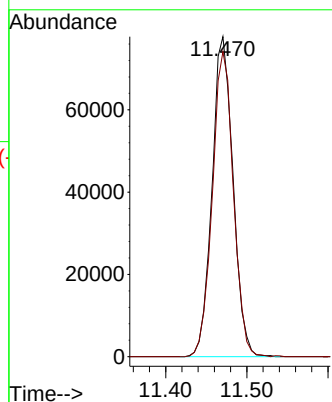
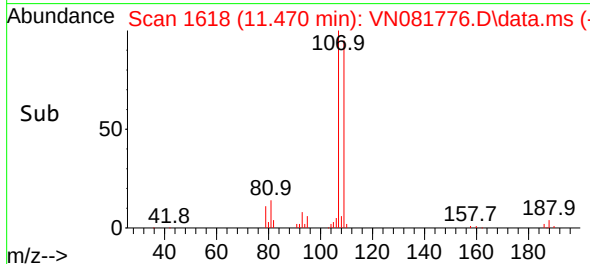
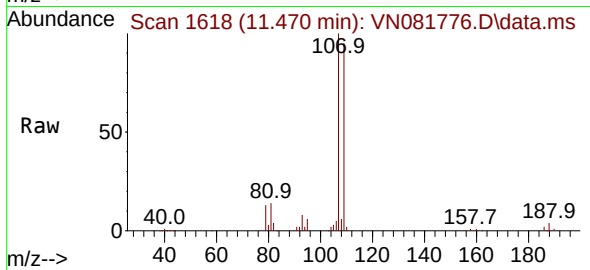
#61
1,2-Dibromoethane
Concen: 52.704 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.001 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 139789
Ion Ratio Lower Upper
107 100
109 95.6 75.8 113.6

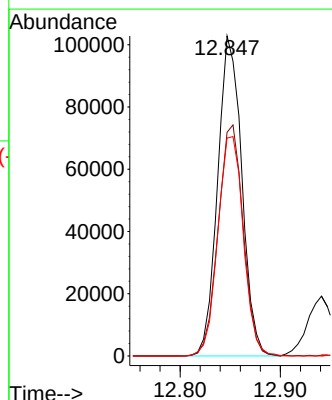
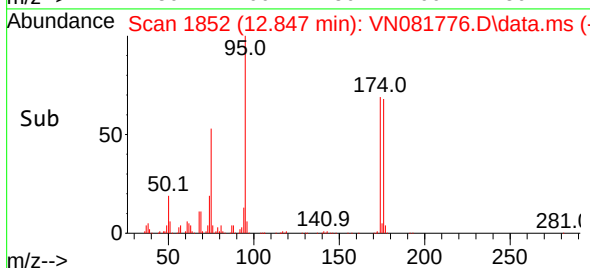
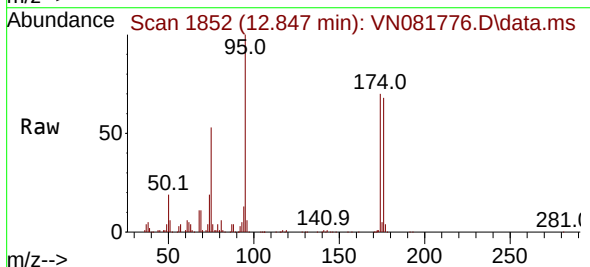
Manual Integrations
APPROVED

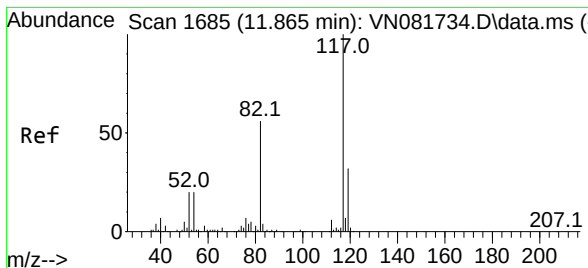
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#62
4-Bromofluorobenzene
Concen: 55.557 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

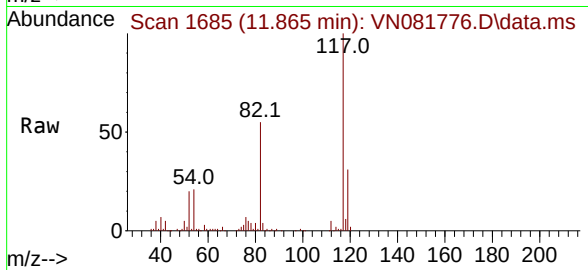
Tgt Ion: 95 Resp: 171727
Ion Ratio Lower Upper
95 100
174 74.9 0.0 160.6
176 72.7 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

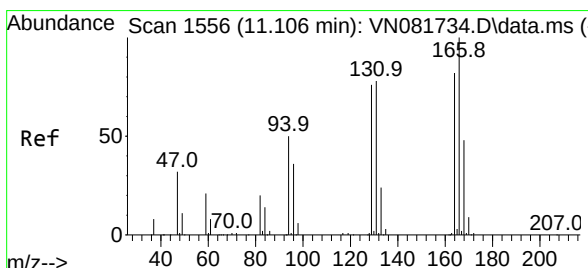
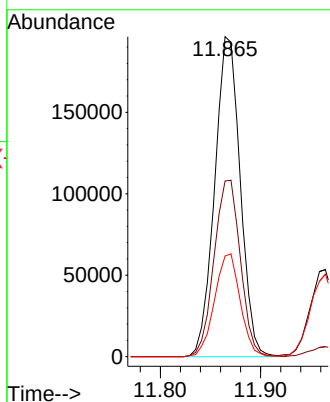
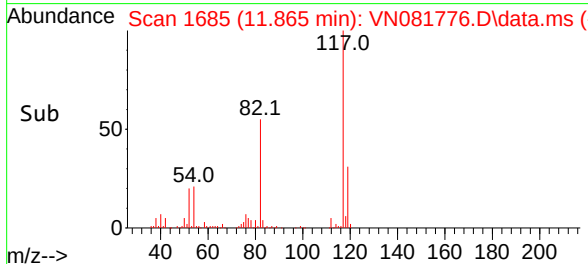
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 346954
Ion Ratio Lower Upper
117 100
82 54.9 44.6 66.8
119 31.4 25.9 38.9

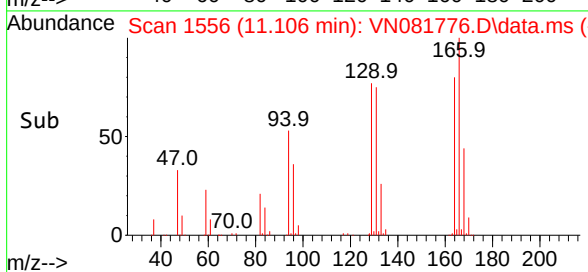
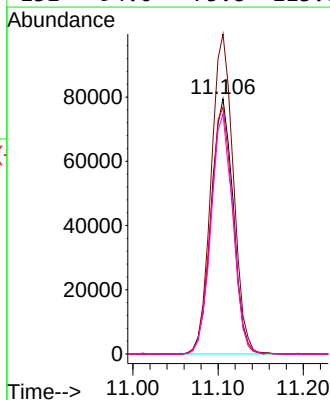
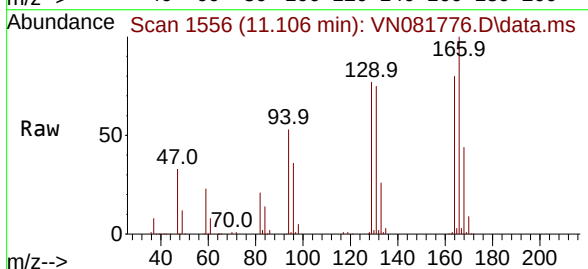
Manual Integrations
APPROVED

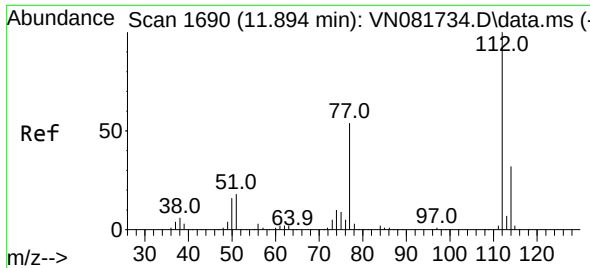
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#64
Tetrachloroethene
Concen: 48.614 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Tgt Ion:164 Resp: 143103
Ion Ratio Lower Upper
164 100
166 125.5 97.6 146.4
129 96.7 73.7 110.5
131 94.0 75.8 113.6





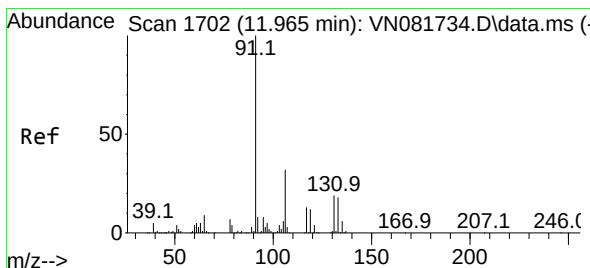
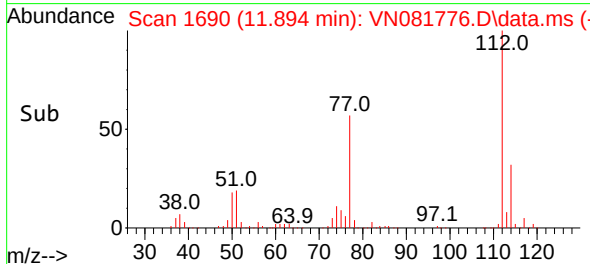
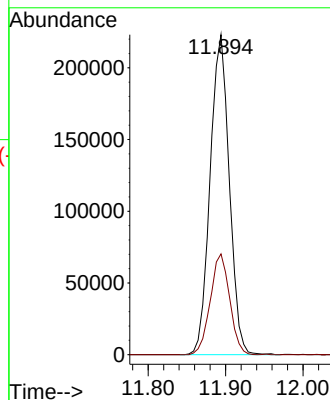
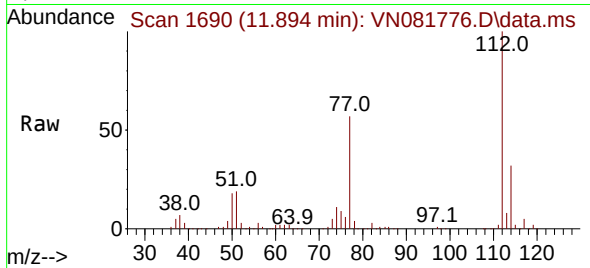
#65
Chlorobenzene
Concen: 48.079 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 383838
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

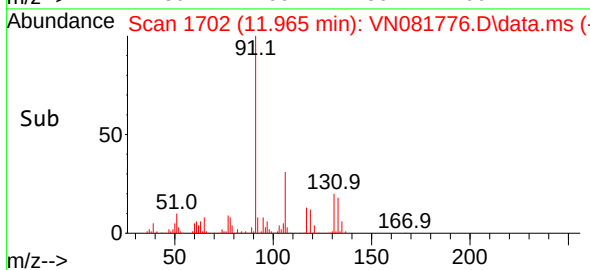
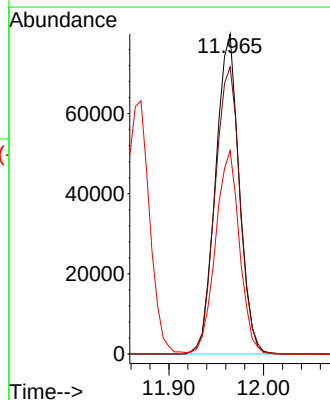
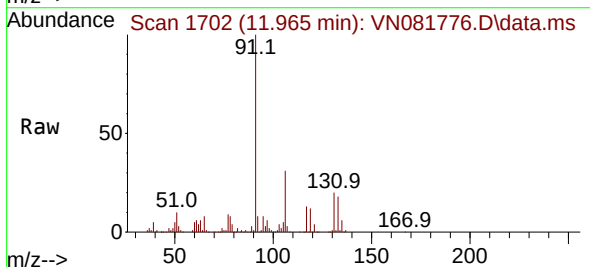
Manual Integrations
APPROVED

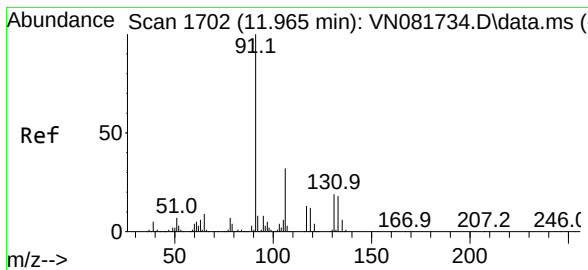
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.878 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

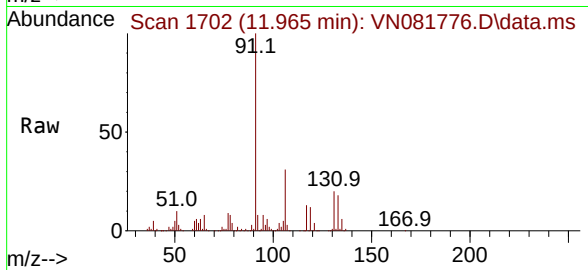
Tgt Ion:131 Resp: 138565
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 64.5 32.9 98.7





#67
Ethyl Benzene
Concen: 52.654 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

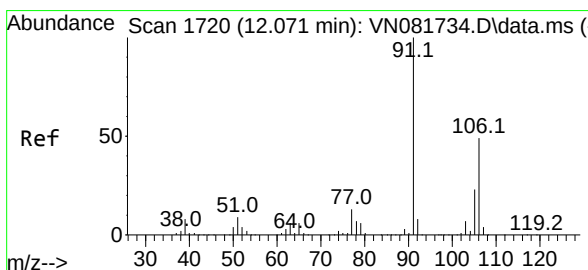
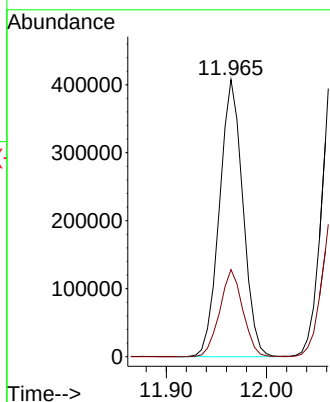
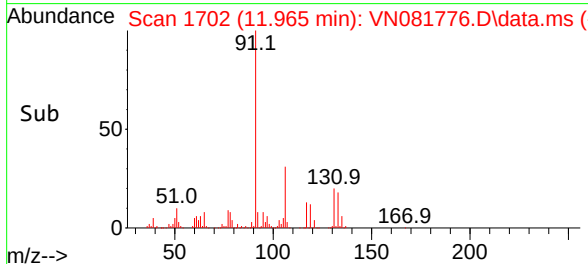
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



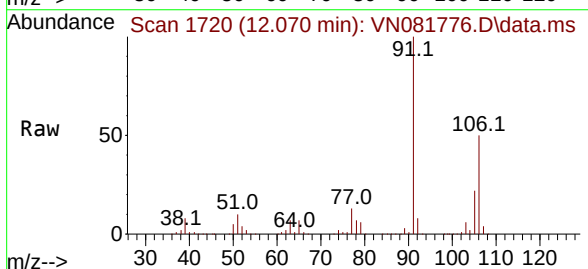
Tgt Ion: 91 Resp: 661682
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9

Manual Integrations
APPROVED

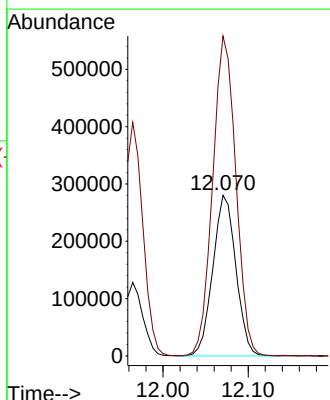
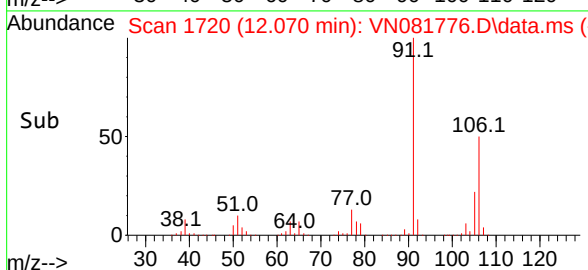
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

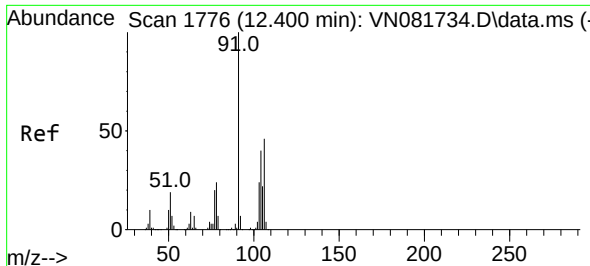


#68
m/p-Xylenes
Concen: 107.836 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.001 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20



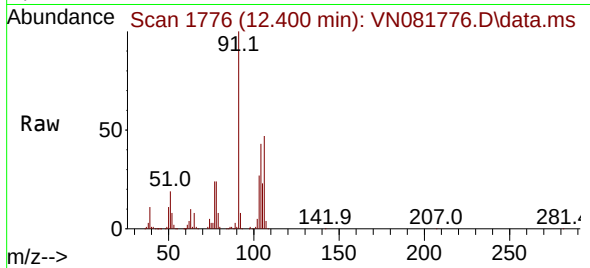
Tgt Ion:106 Resp: 526963
Ion Ratio Lower Upper
106 100
91 200.0 159.4 239.0





#69
o-Xylene
Concen: 53.800 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

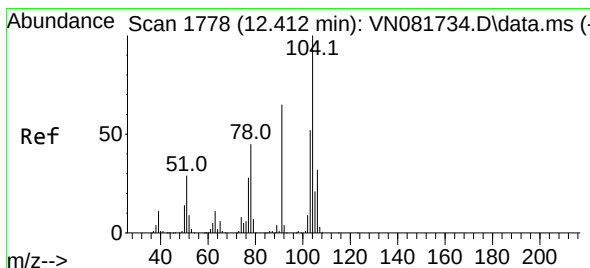
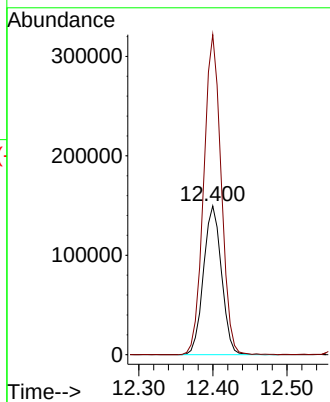
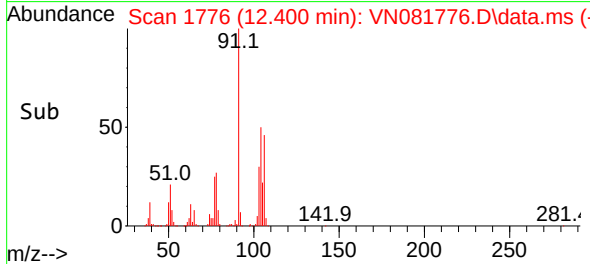
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 25195
Ion Ratio Lower Upper
106 100
91 209.2 104.7 314.1

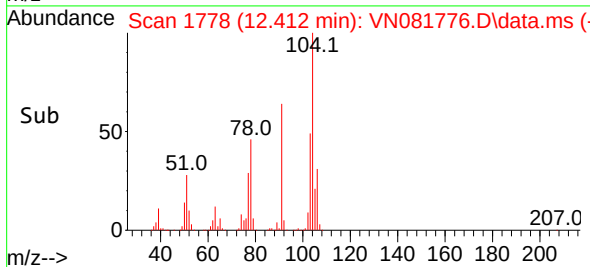
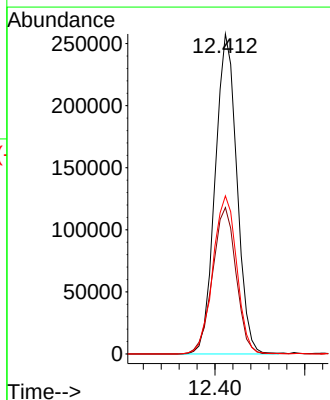
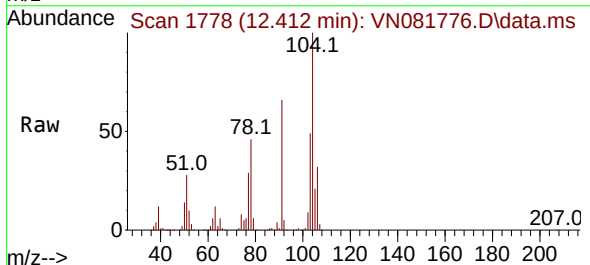
Manual Integrations
APPROVED

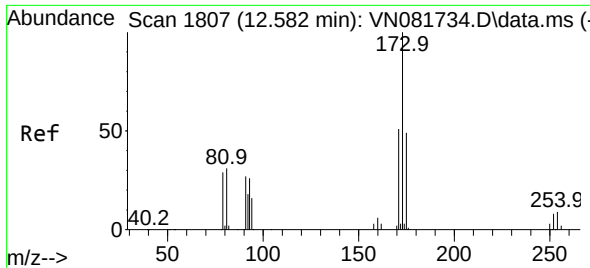
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#70
Styrene
Concen: 56.568 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Tgt Ion:104 Resp: 433999
Ion Ratio Lower Upper
104 100
78 49.6 38.6 58.0
103 54.0 43.8 65.6





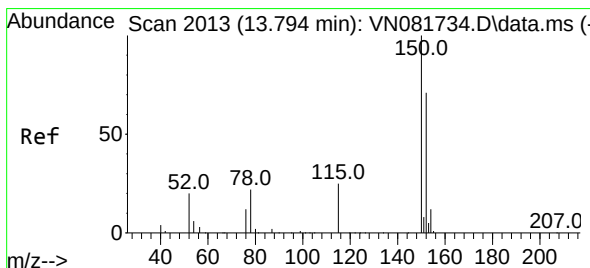
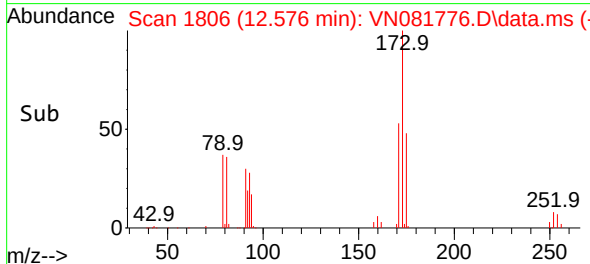
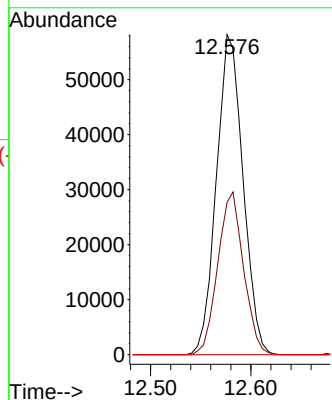
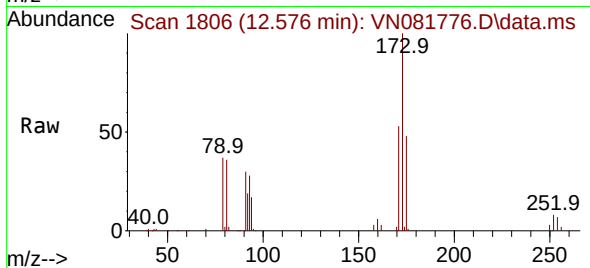
#71
Bromoform
Concen: 50.946 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 107062
Ion Ratio Lower Upper
173 100
175 49.2 24.6 74.0
254 0.0 0.0 0.0

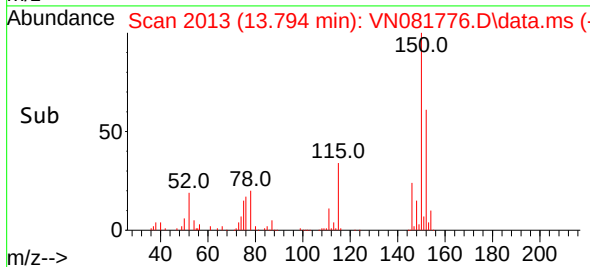
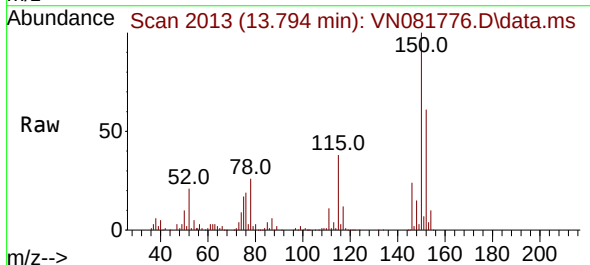
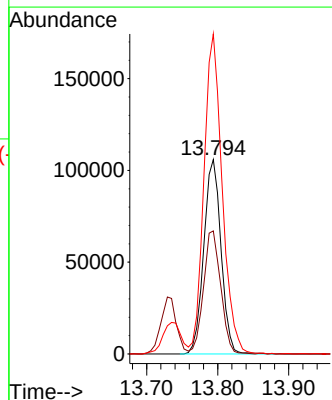
Manual Integrations
APPROVED

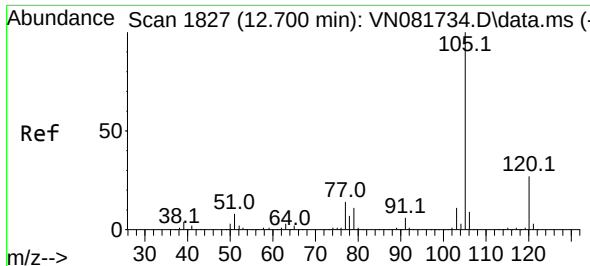
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Tgt Ion:152 Resp: 178907
Ion Ratio Lower Upper
152 100
115 63.2 30.4 91.3
150 174.4 0.0 353.2





#73
Isopropylbenzene
Concen: 47.684 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

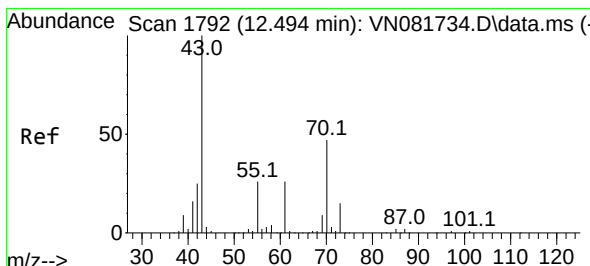
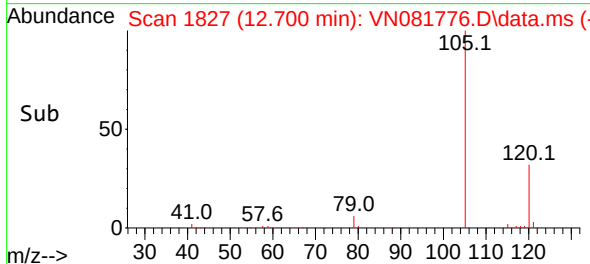
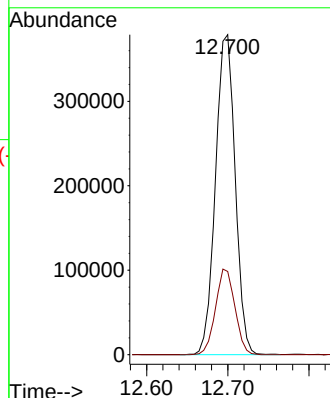
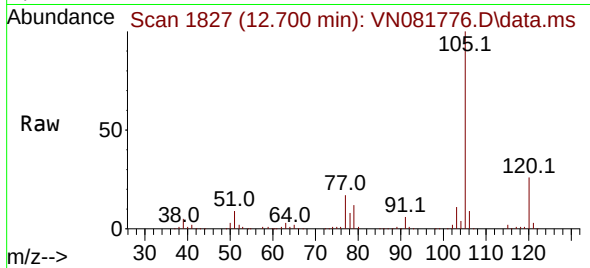
VSTDCCC050

Tgt Ion:105 Resp: 639724
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

Manual Integrations

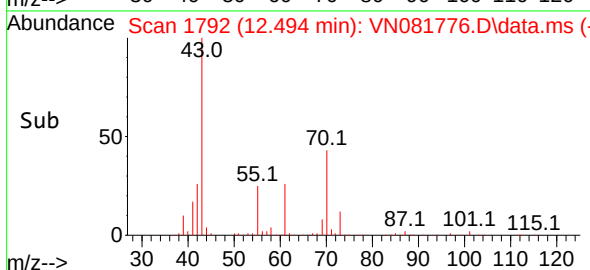
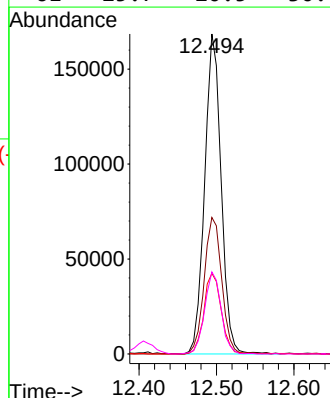
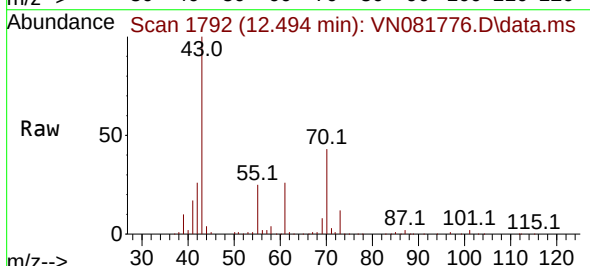
APPROVED

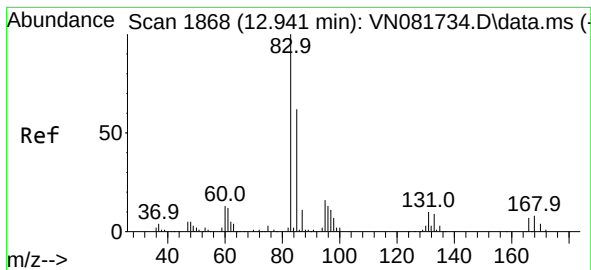
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#74
N-ethyl acetate
Concen: 51.030 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Tgt Ion: 43 Resp: 249159
Ion Ratio Lower Upper
43 100
70 45.5 39.0 58.4
55 26.6 21.3 31.9
61 25.7 20.5 30.7





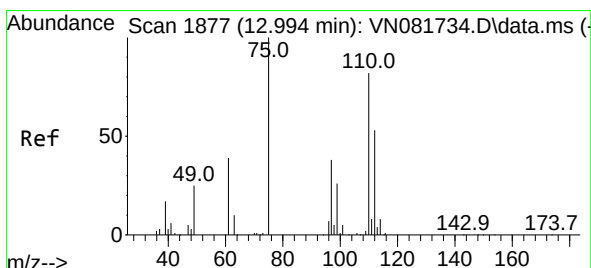
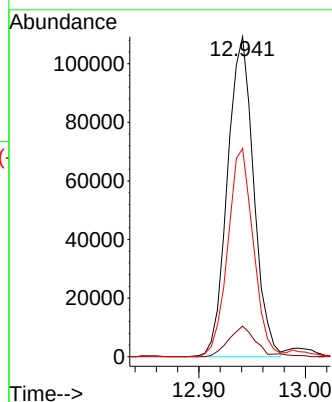
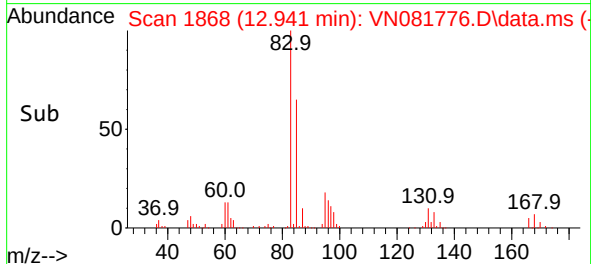
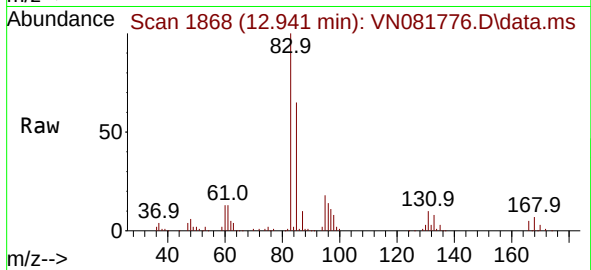
#75
1,1,2,2-Tetrachloroethane
Concen: 47.294 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Tgt Ion: 83 Resp: 18641
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.4
85 63.7 32.9 98.6

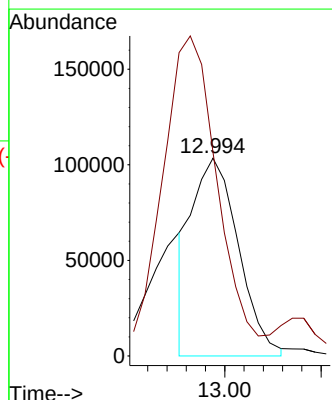
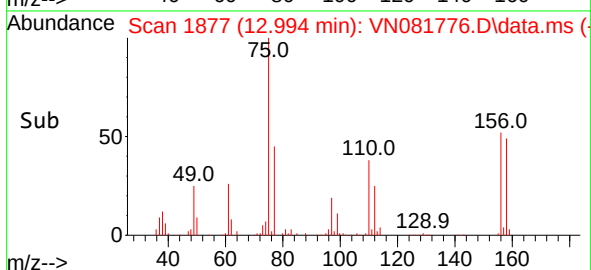
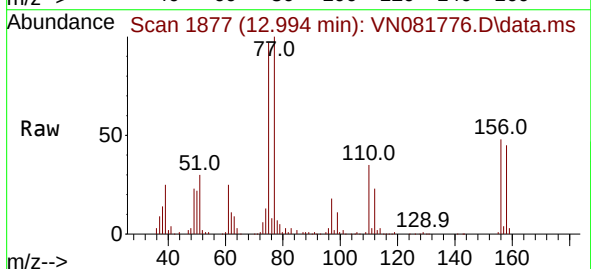
Manual Integrations
APPROVED

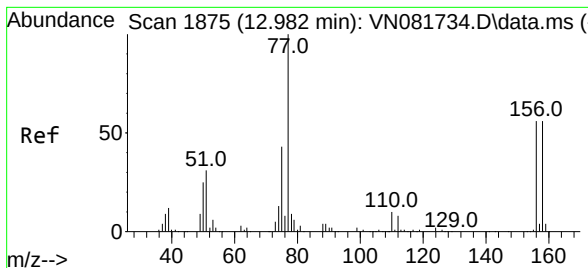
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#76
1,2,3-Trichloropropane
Concen: 53.391 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Tgt Ion: 75 Resp: 173090
Ion Ratio Lower Upper
75 100
77 193.2 90.5 271.3





#77

Bromobenzene

Concen: 46.323 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

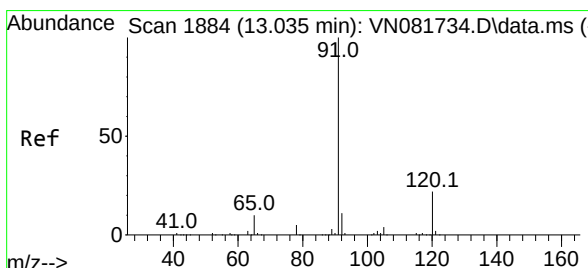
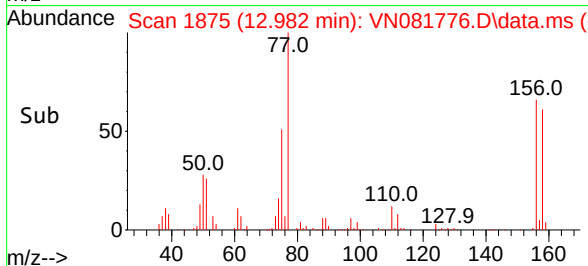
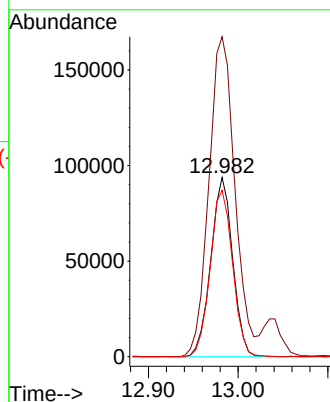
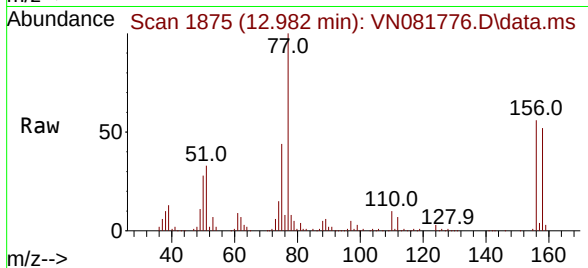
Tgt Ion:156 Resp: 15844
 Ion Ratio Lower Upper
 156 100
 77 211.1 100.2 300.6
 158 95.1 49.1 147.3

Manual Integrations

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Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#78

n-propylbenzene

Concen: 49.146 ug/l

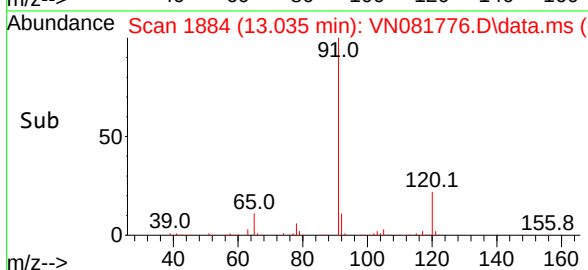
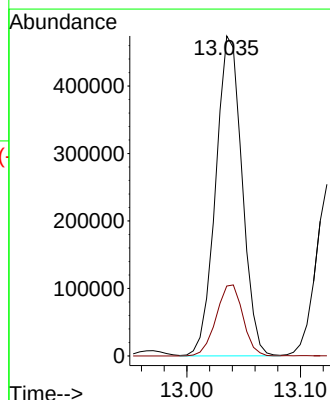
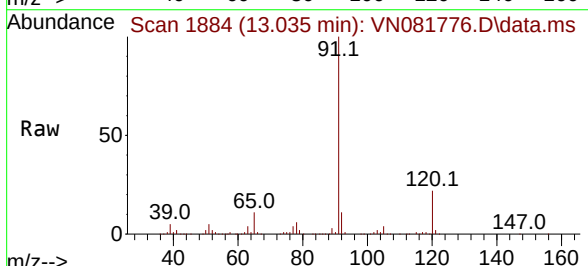
RT: 13.035 min Scan# 1884

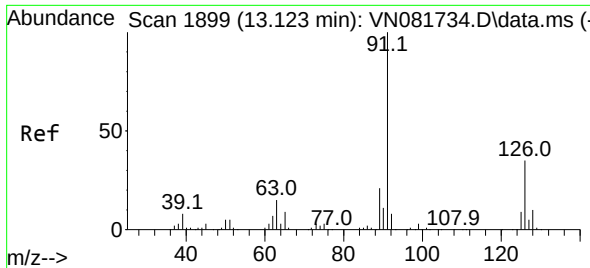
Delta R.T. 0.000 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Tgt Ion: 91 Resp: 765107
 Ion Ratio Lower Upper
 91 100
 120 22.5 11.7 35.0





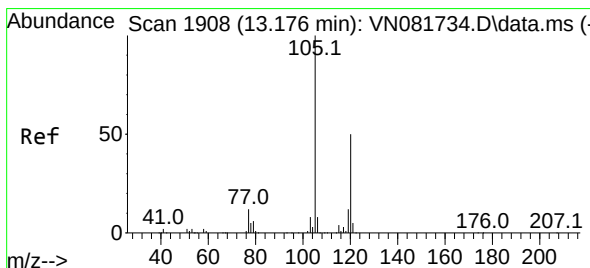
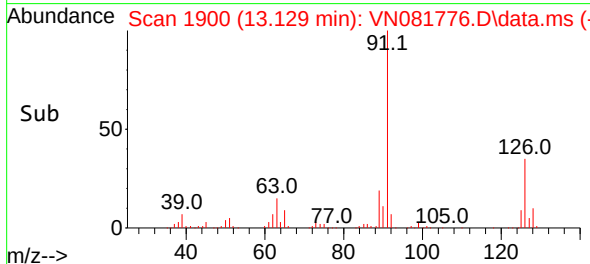
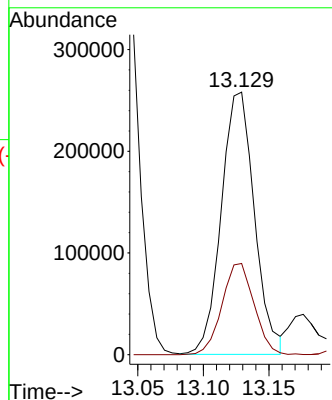
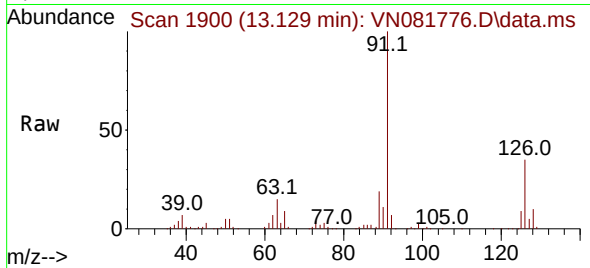
#79
2-Chlorotoluene
Concen: 46.853 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 454658
Ion Ratio Lower Upper
91 100
126 33.7 17.5 52.5

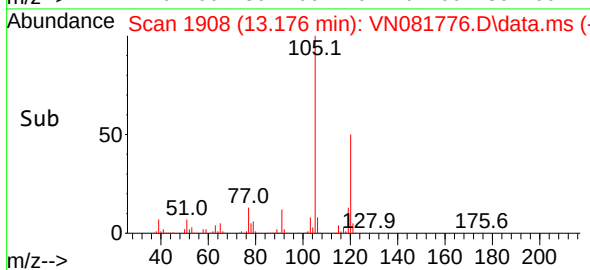
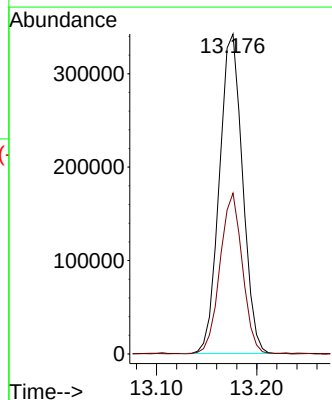
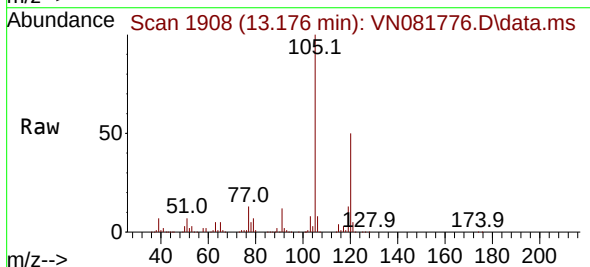
Manual Integrations
APPROVED

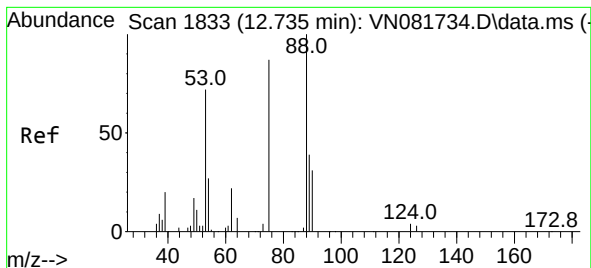
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.054 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

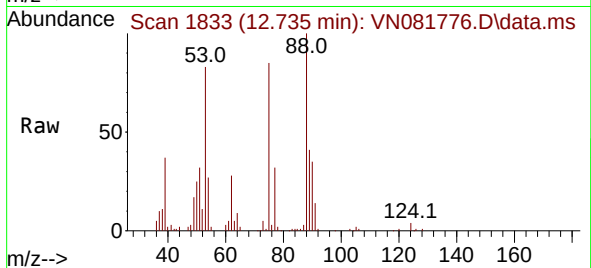
Tgt Ion:105 Resp: 548558
Ion Ratio Lower Upper
105 100
120 48.8 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.813 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

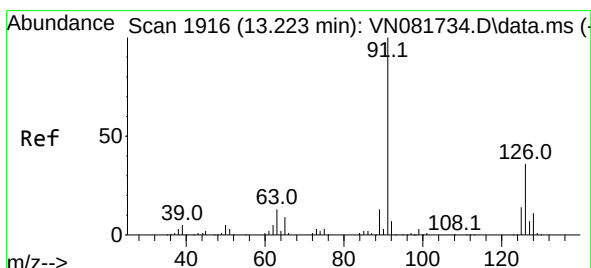
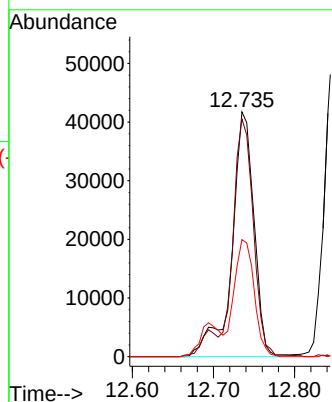
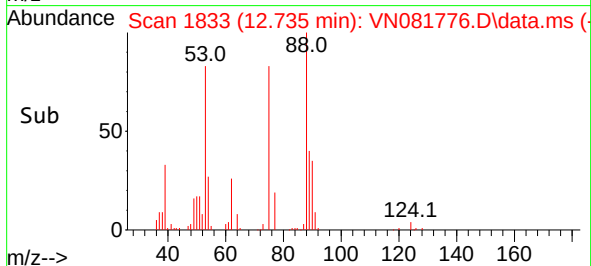
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 7868
Ion Ratio Lower Upper
75 100
53 88.4 72.9 109.3
89 43.7 39.1 58.7

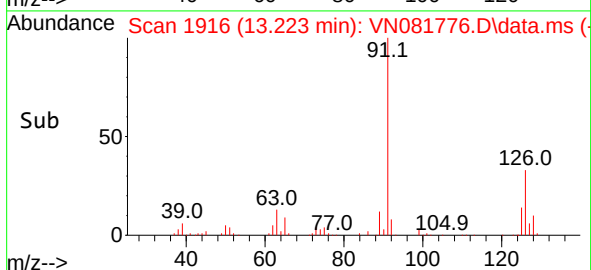
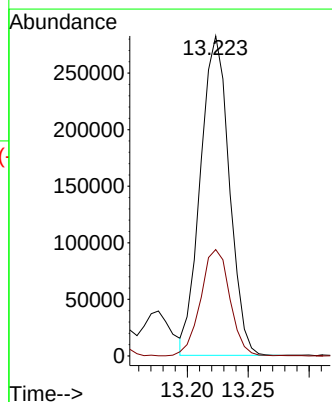
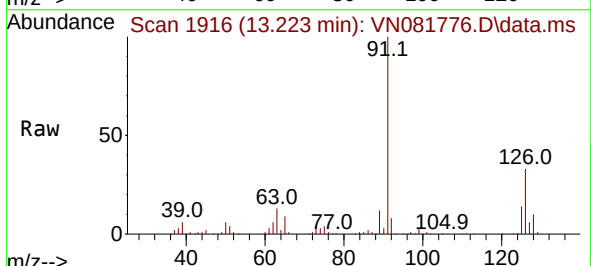
Manual Integrations
APPROVED

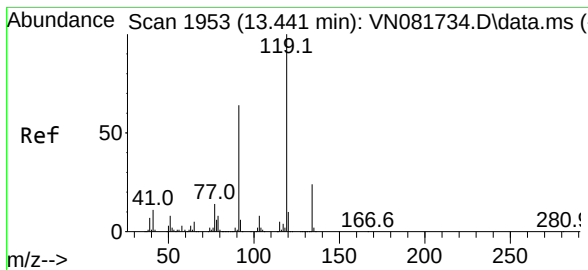
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#82
4-Chlorotoluene
Concen: 48.442 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

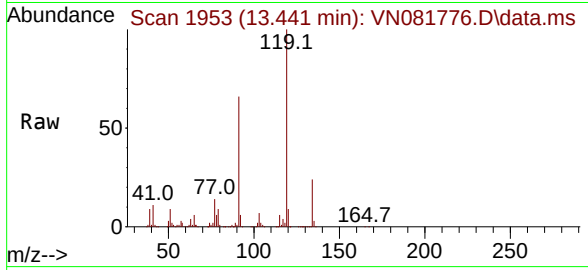
Tgt Ion: 91 Resp: 464388
Ion Ratio Lower Upper
91 100
126 33.9 17.4 52.3





#83
tert-Butylbenzene
Concen: 47.242 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

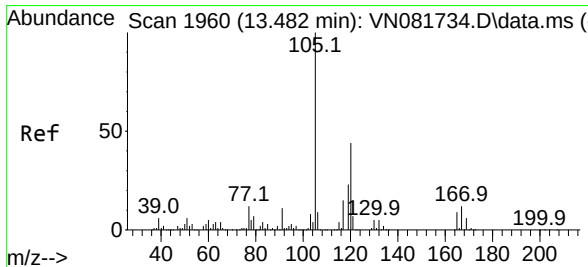
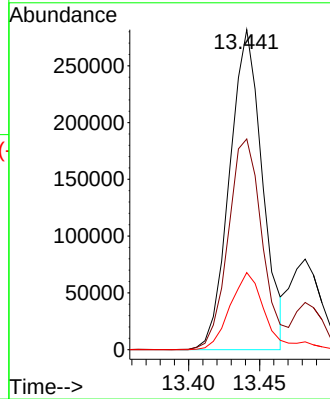
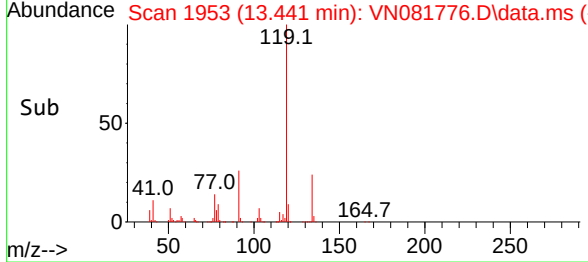
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



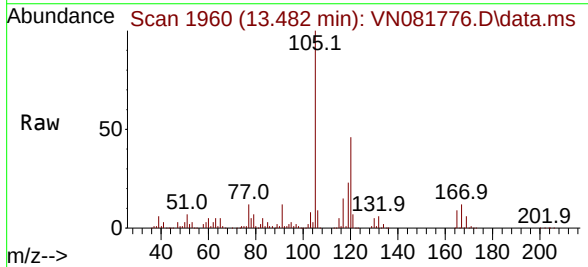
Tgt Ion:119 Resp: 45346
Ion Ratio Lower Upper
119 100
91 69.0 32.6 97.8
134 26.2 12.4 37.0

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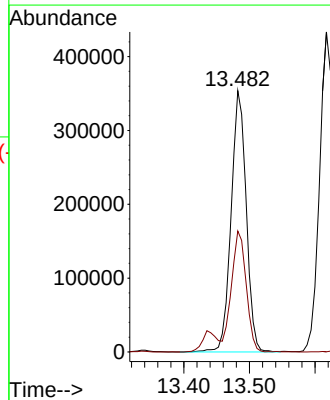
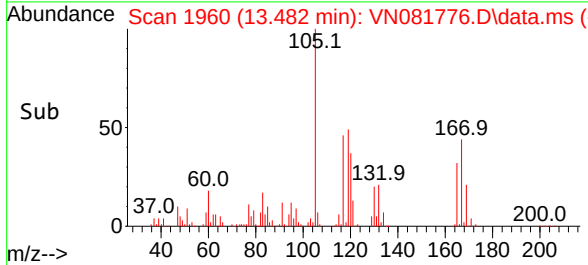
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

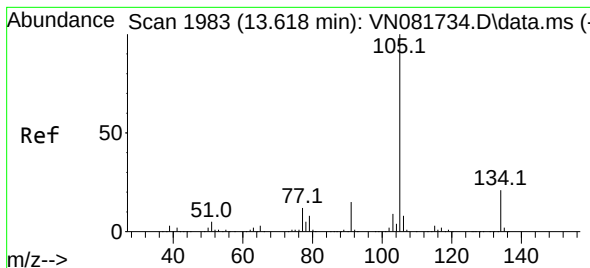


#84
1,2,4-Trimethylbenzene
Concen: 51.300 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20



Tgt Ion:105 Resp: 567101
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.7





#85

sec-Butylbenzene

Concen: 50.005 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.001 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 669792

Ion Ratio Lower Upper

105 100

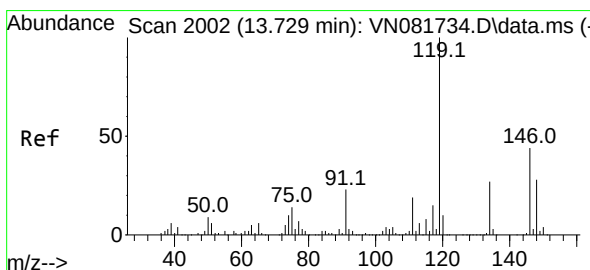
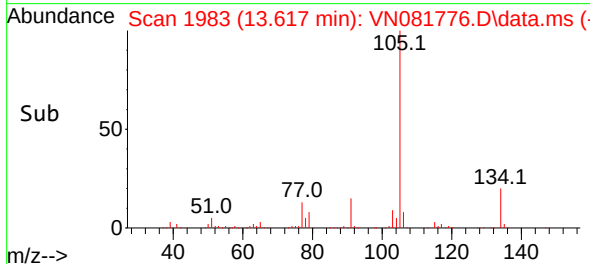
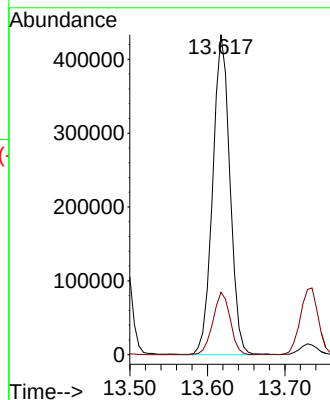
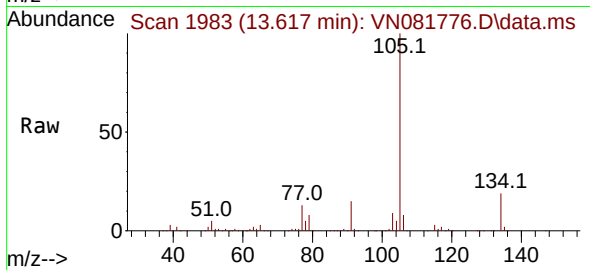
134 19.5 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#86

p-Isopropyltoluene

Concen: 51.196 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

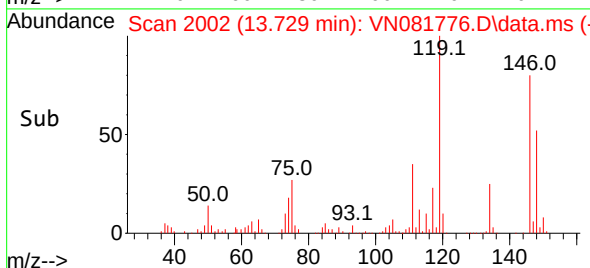
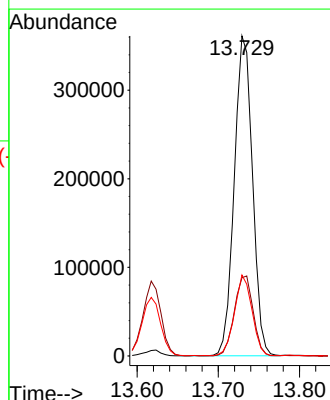
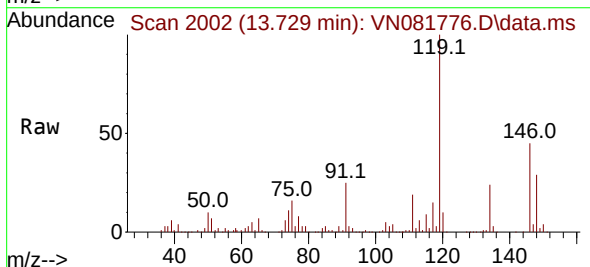
Tgt Ion:119 Resp: 562069

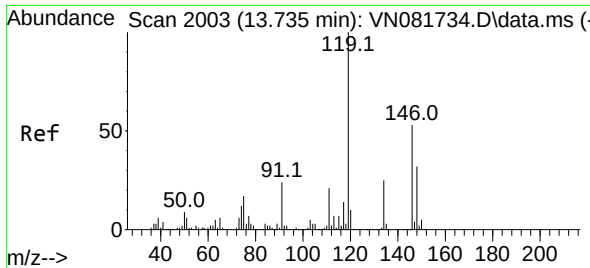
Ion Ratio Lower Upper

119 100

134 25.6 13.2 39.5

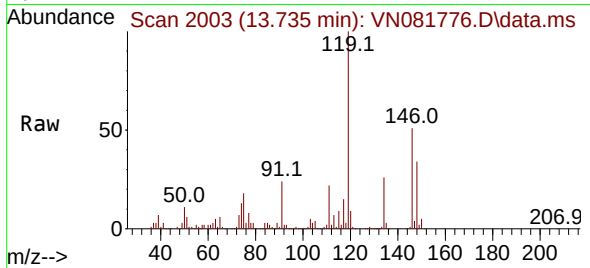
91 24.2 11.8 35.3





#87
 1,3-Dichlorobenzene
 Concen: 47.676 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081776.D
 Acq: 18 Apr 2024 10:20

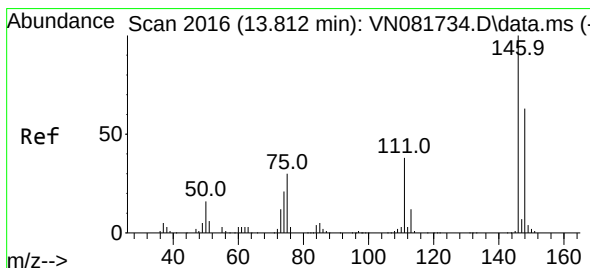
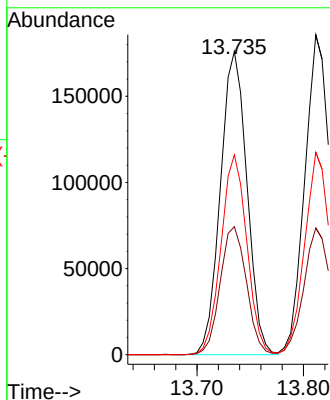
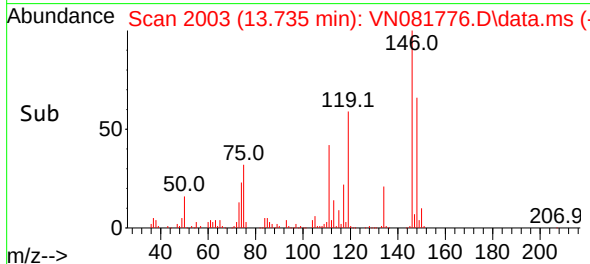
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



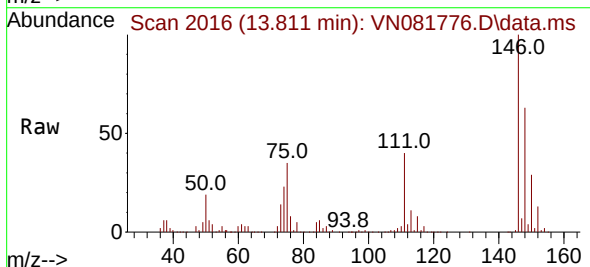
Tgt Ion:146 Resp: 304784
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.8 62.5
 148 64.3 32.1 96.3

Manual Integrations
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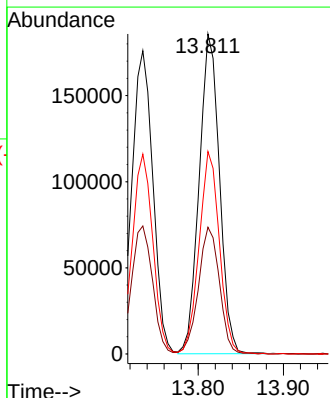
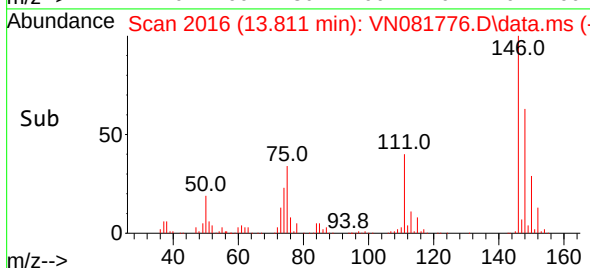
Reviewed By :John Carlone 04/19/2024
 Supervised By :Mahesh Dadoda 04/19/2024

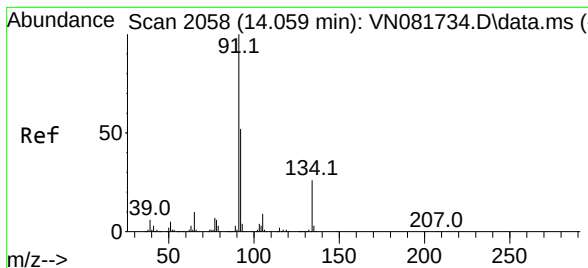


#88
 1,4-Dichlorobenzene
 Concen: 47.188 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.001 min
 Lab File: VN081776.D
 Acq: 18 Apr 2024 10:20



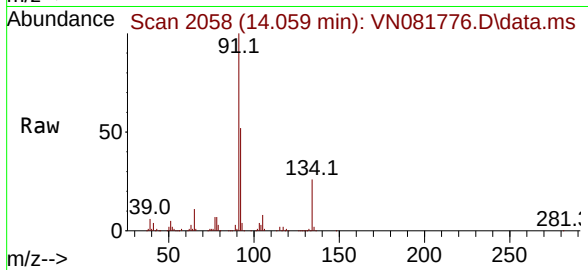
Tgt Ion:146 Resp: 307615
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.3 57.9
 148 63.4 31.3 93.9





#89
n-Butylbenzene
Concen: 50.216 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

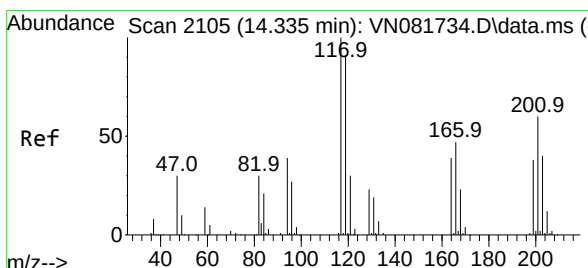
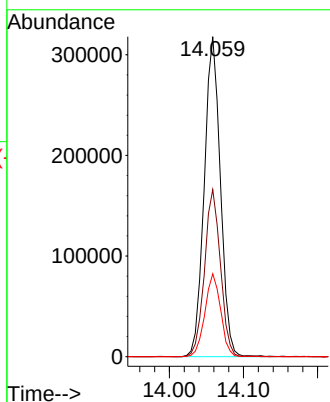
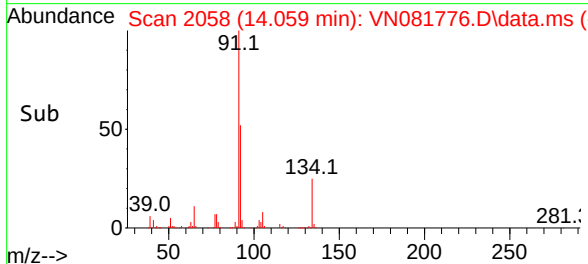
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 482024
Ion Ratio Lower Upper
91 100
92 51.3 26.2 78.5
134 25.3 13.2 39.5

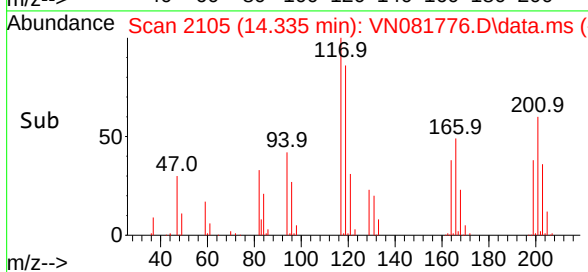
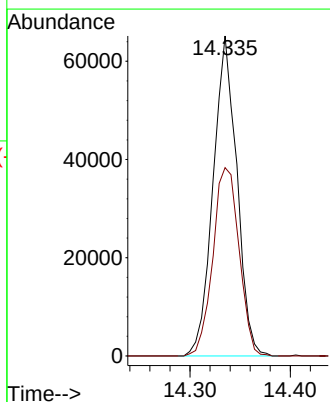
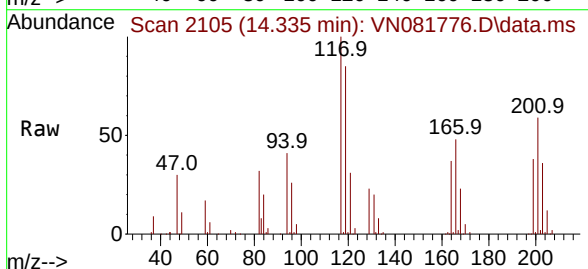
Manual Integrations
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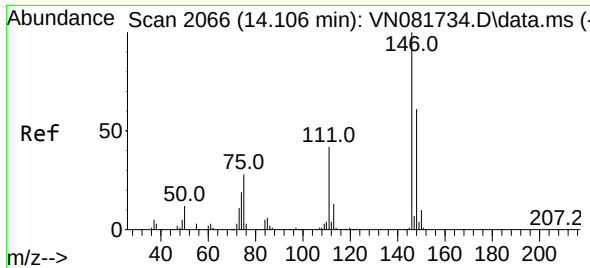
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#90
Hexachloroethane
Concen: 45.841 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Tgt Ion:117 Resp: 107133
Ion Ratio Lower Upper
117 100
201 64.9 33.3 99.8





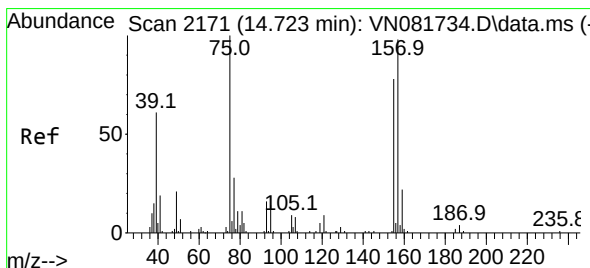
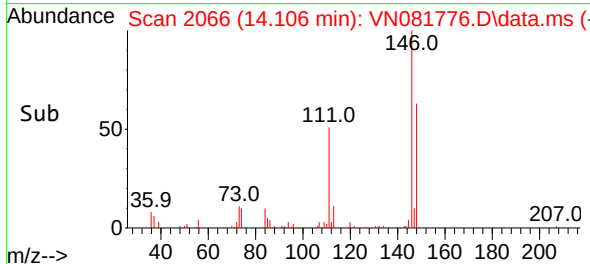
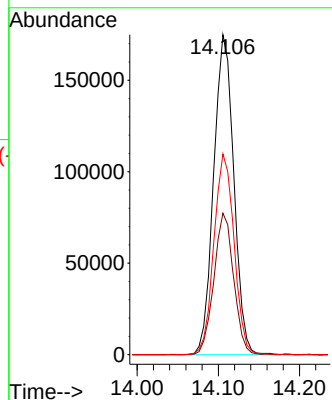
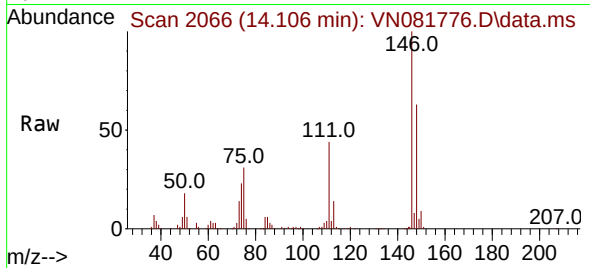
#91
1,2-Dichlorobenzene
Concen: 48.746 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 30161
Ion Ratio Lower Upper
146 100
111 43.4 21.3 64.0
148 63.1 31.8 95.4

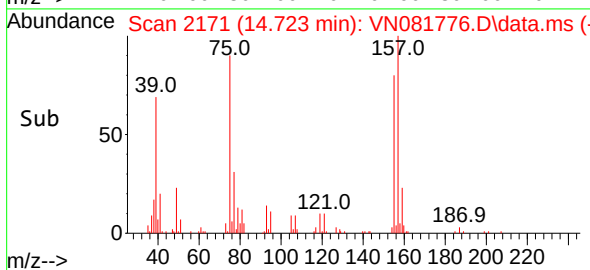
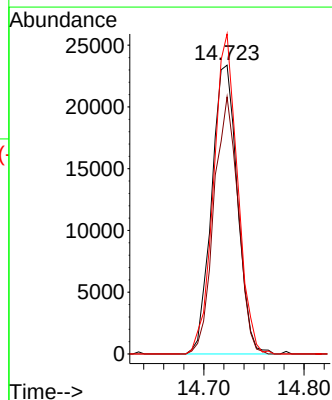
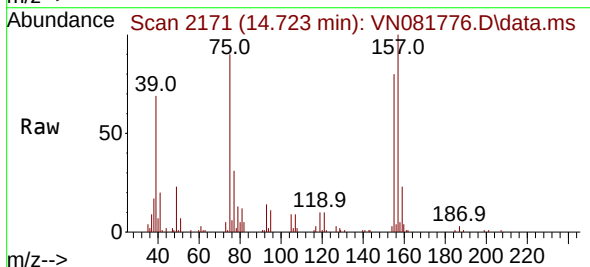
Manual Integrations
APPROVED

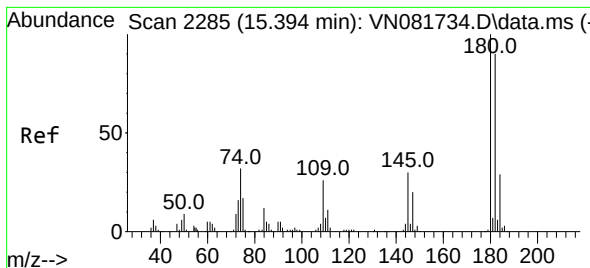
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.328 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Tgt Ion: 75 Resp: 41722
Ion Ratio Lower Upper
75 100
155 83.6 42.6 128.0
157 103.4 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 51.117 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

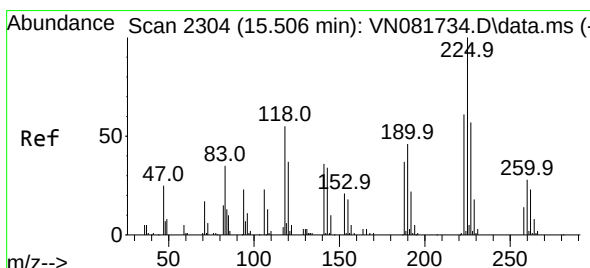
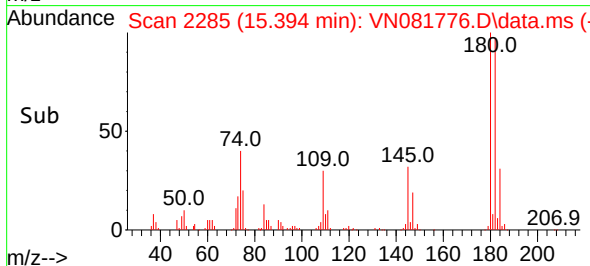
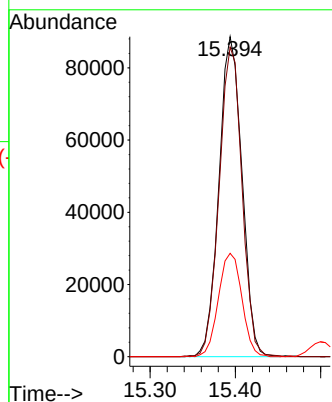
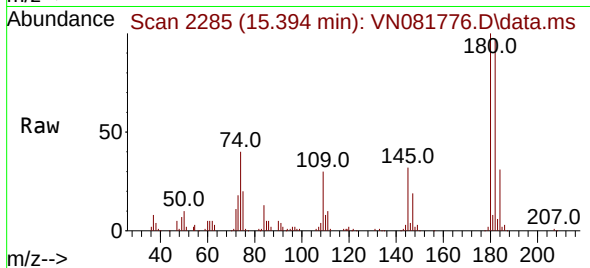
Tgt Ion:180 Resp: 16661
 Ion Ratio Lower Upper
 180 100
 182 95.7 46.7 140.0
 145 32.9 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#94

Hexachlorobutadiene

Concen: 44.526 ug/l

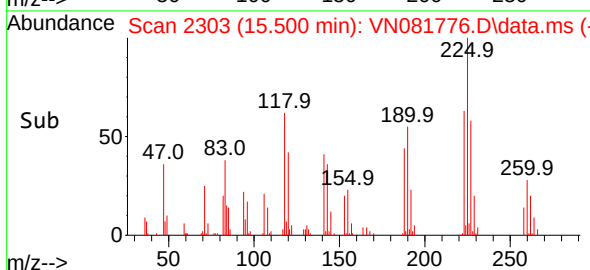
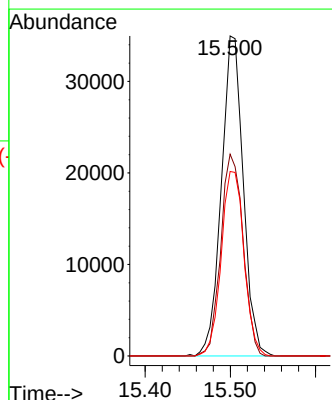
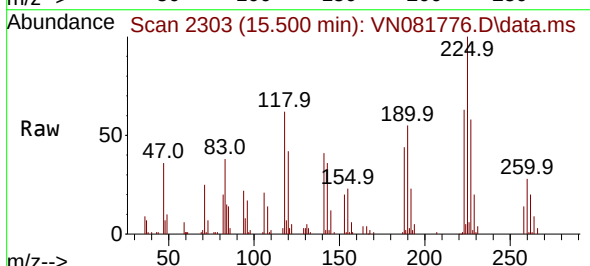
RT: 15.500 min Scan# 2303

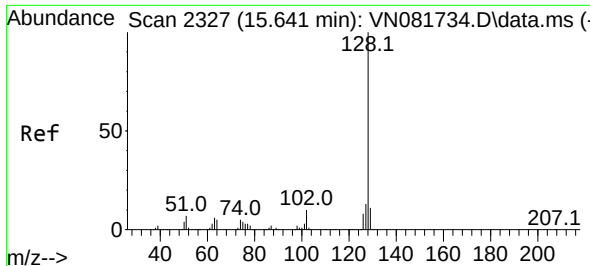
Delta R.T. -0.006 min

Lab File: VN081776.D

Acq: 18 Apr 2024 10:20

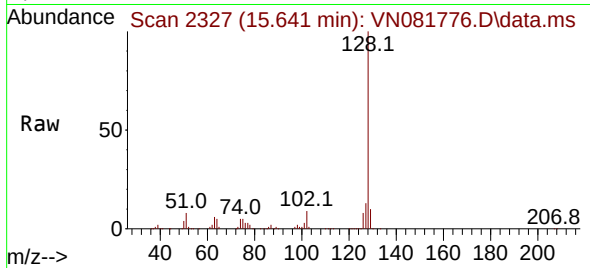
Tgt Ion:225 Resp: 62561
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.1 93.2
 227 59.9 30.6 91.6





#95
Naphthalene
Concen: 54.717 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

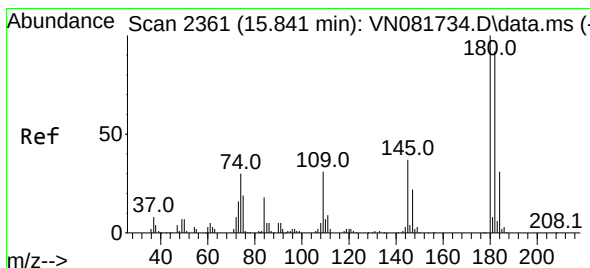
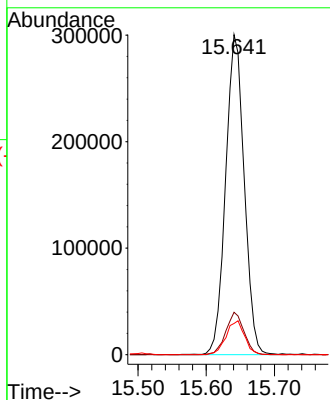
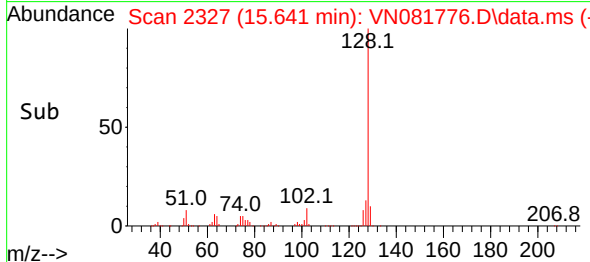
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 569794
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.6 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.315 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081776.D
Acq: 18 Apr 2024 10:20

Tgt Ion:180 Resp: 171006
Ion Ratio Lower Upper
180 100
182 93.9 46.0 137.8
145 34.0 17.1 51.3

