

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081206.D
 Acq On : 26 Feb 2024 19:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2024
 Supervised By : Mahesh Dadoda 02/27/2024

Quant Time: Feb 27 00:16:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	291633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	529892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	488543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	181564	50.793	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.580%			
35) Dibromofluoromethane	8.165	113	163300	54.499	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.000%			
50) Toluene-d8	10.570	98	520687	48.926	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.860%			
62) 4-Bromofluorobenzene	12.853	95	210821	52.720	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	201162	53.337	ug/l	99
3) Chloromethane	2.365	50	192876	46.790	ug/l	99
4) Vinyl Chloride	2.512	62	215239	51.379	ug/l	96
5) Bromomethane	2.947	94	133106	44.734	ug/l	93
6) Chloroethane	3.118	64	145452	53.766	ug/l	95
7) Trichlorofluoromethane	3.494	101	330761	54.045	ug/l	91
8) Diethyl Ether	3.959	74	121954	54.503	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	183070	53.658	ug/l	92
10) Methyl Iodide	4.588	142	192280	50.490	ug/l	96
11) Tert butyl alcohol	5.518	59	189923	288.907	ug/l	98
12) 1,1-Dichloroethene	4.341	96	174392	52.878	ug/l	93
13) Acrolein	4.177	56	121252	344.130	ug/l	100
14) Allyl chloride	5.024	41	257267	52.574	ug/l #	89
15) Acrylonitrile	5.724	53	517553	301.451	ug/l	97
16) Acetone	4.424	43	404257	287.415	ug/l	96
17) Carbon Disulfide	4.718	76	426240	46.336	ug/l	97
18) Methyl Acetate	5.030	43	243427	70.946	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	645221	57.122	ug/l	98
20) Methylene Chloride	5.277	84	208461	57.429	ug/l	87
21) trans-1,2-Dichloroethene	5.788	96	188298	51.174	ug/l	95
22) Diisopropyl ether	6.671	45	635313	57.233	ug/l #	92
23) Vinyl Acetate	6.606	43	2565757	284.887	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	367095	57.194	ug/l	96
25) 2-Butanone	7.482	43	684131	301.076	ug/l	94
26) 2,2-Dichloropropane	7.494	77	302596	50.315	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	233322	54.577	ug/l	87
28) Bromochloromethane	7.812	49	154662	58.124	ug/l #	67
29) Tetrahydrofuran	7.841	42	461061	303.958	ug/l #	87
30) Chloroform	7.965	83	390260	57.195	ug/l	97
31) Cyclohexane	8.259	56	304936	49.405	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	346716	55.794	ug/l	92
36) 1,1-Dichloropropene	8.376	75	270679	52.729	ug/l	96
37) Ethyl Acetate	7.559	43	275563	59.479	ug/l	98
38) Carbon Tetrachloride	8.365	117	291331	56.094	ug/l	96
39) Methylcyclohexane	9.606	83	317598	53.073	ug/l	90
40) Benzene	8.606	78	834613	56.170	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	152905	57.991	ug/l	93
42) 1,2-Dichloroethane	8.671	62	292368	56.399	ug/l	98
43) Isopropyl Acetate	8.688	43	481822	59.464	ug/l #	96
44) Trichloroethene	9.353	130	214931	54.309	ug/l	92
45) 1,2-Dichloropropane	9.623	63	210581	56.656	ug/l	100
46) Dibromomethane	9.712	93	152572	56.339	ug/l	93
47) Bromodichloromethane	9.894	83	308787	60.204	ug/l #	98
48) Methyl methacrylate	9.682	41	222917	59.124	ug/l	91
49) 1,4-Dioxane	9.694	88	93618	1363.866	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1479425	317.396	ug/l	95
52) Toluene	10.635	92	532249	56.582	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	325485	57.106	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	347054	56.357	ug/l	90
55) 1,1,2-Trichloroethane	11.017	97	214201	59.205	ug/l	95
56) Ethyl methacrylate	10.876	69	333307	60.279	ug/l	88
57) 1,3-Dichloropropane	11.165	76	366301	58.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	746245	268.978	ug/l #	88
59) 2-Hexanone	11.200	43	1115940	301.985	ug/l	96
60) Dibromochloromethane	11.365	129	231184	60.149	ug/l	98
61) 1,2-Dibromoethane	11.470	107	222068	58.369	ug/l	99
64) Tetrachloroethene	11.106	164	198017	59.388	ug/l	93
65) Chlorobenzene	11.894	112	560829	53.041	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.964	131	217559	57.286	ug/l	97
67) Ethyl Benzene	11.964	91	1053359	55.673	ug/l	99
68) m/p-Xylenes	12.076	106	787852	108.636	ug/l	96
69) o-Xylene	12.400	106	387956	53.967	ug/l	96
70) Styrene	12.417	104	648009	56.885	ug/l	97
71) Bromoform	12.582	173	150632	62.517	ug/l #	97
73) Isopropylbenzene	12.700	105	1028219	52.157	ug/l	99
74) N-amyl acetate	12.500	43	438656	52.648	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	307647	55.498	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	289244m	56.499	ug/l	
77) Bromobenzene	12.982	156	229131	52.127	ug/l	78
78) n-propylbenzene	13.041	91	1215439	53.557	ug/l	98
79) 2-Chlorotoluene	13.129	91	710420	51.035	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	869324	54.387	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	101827	51.196	ug/l	89
82) 4-Chlorotoluene	13.223	91	710931	52.232	ug/l	95
83) tert-Butylbenzene	13.441	119	758064	54.849	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	853088	53.560	ug/l	96
85) sec-Butylbenzene	13.617	105	1073077	55.849	ug/l	95
86) p-Isopropyltoluene	13.729	119	877554	54.986	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	429177	51.674	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	421630	51.664	ug/l	98
89) n-Butylbenzene	14.058	91	773772	55.652	ug/l	97
90) Hexachloroethane	14.335	117	156529	59.336	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	419055	52.314	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	64092	55.610	ug/l	78
93) 1,2,4-Trichlorobenzene	15.400	180	236270	52.869	ug/l	100
94) Hexachlorobutadiene	15.505	225	85334	51.200	ug/l	95
95) Naphthalene	15.647	128	872915	53.303	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	235754	53.178	ug/l	99

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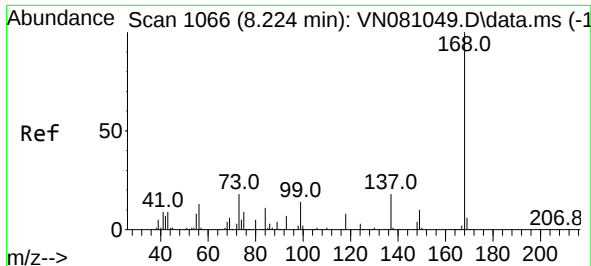
Manual Integrations
APPROVED

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Response via : Initial Calibration

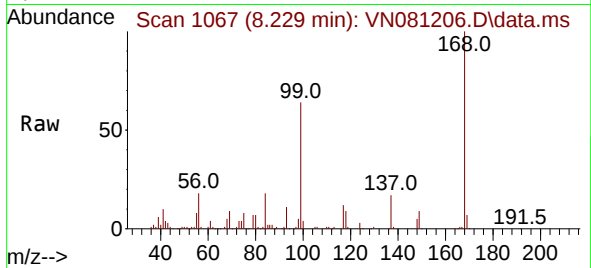
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
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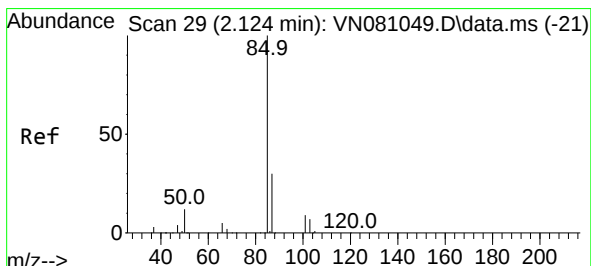
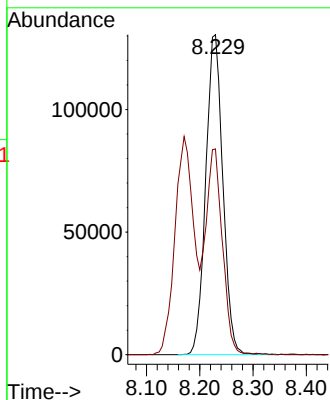
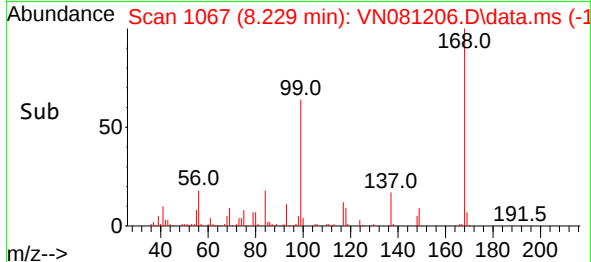
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 29163
Ion Ratio Lower Upper
168 100
99 64.3 59.9 89.9

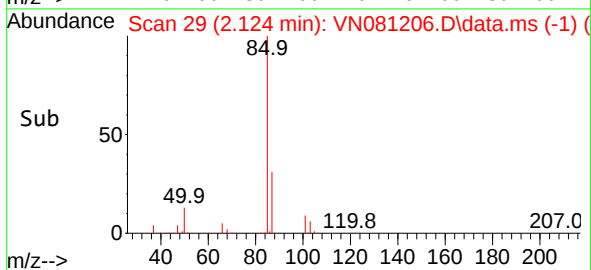
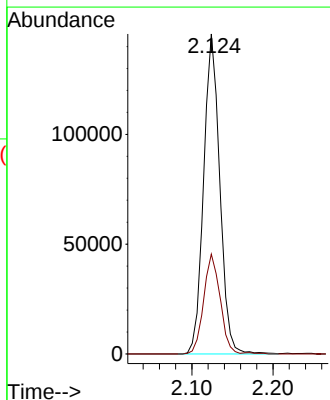
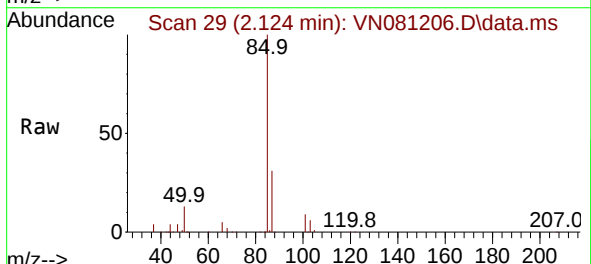
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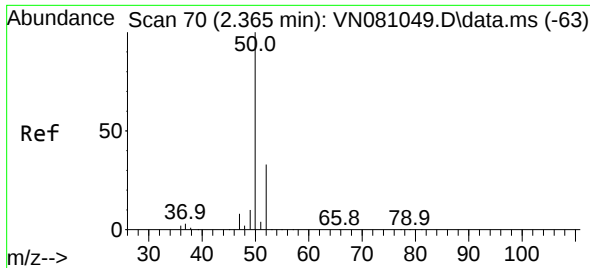
Reviewed By :John Carlone 02/27/2024
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#2
Dichlorodifluoromethane
Concen: 53.337 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

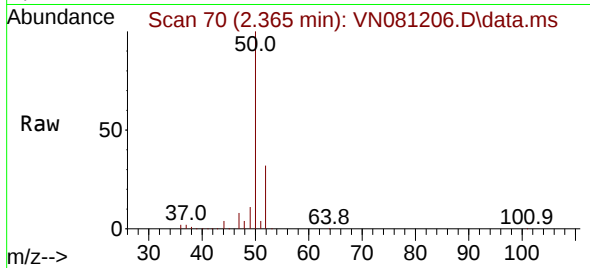
Tgt Ion: 85 Resp: 201162
Ion Ratio Lower Upper
85 100
87 31.2 15.3 45.9





#3
Chloromethane
Concen: 46.790 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

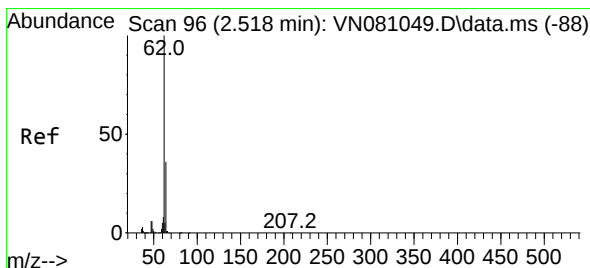
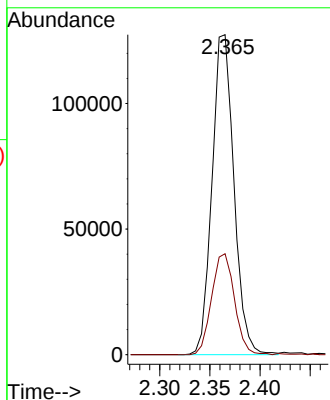
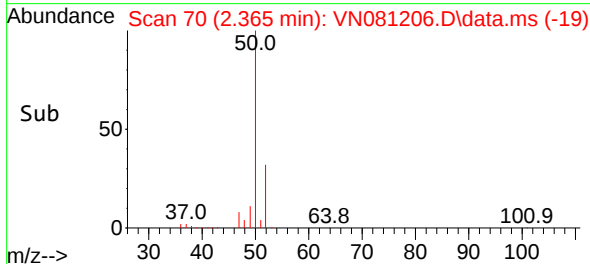
Instrument :
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Tgt Ion: 50 Resp: 192870
Ion Ratio Lower Upper
50 100
52 31.6 25.0 37.4

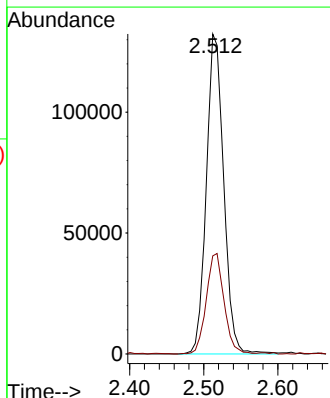
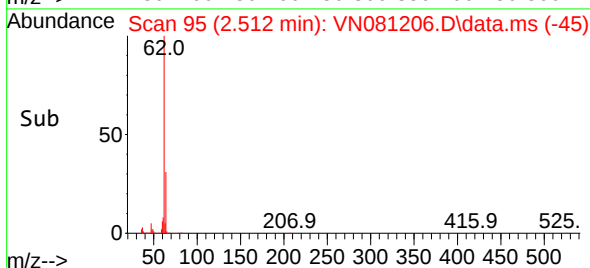
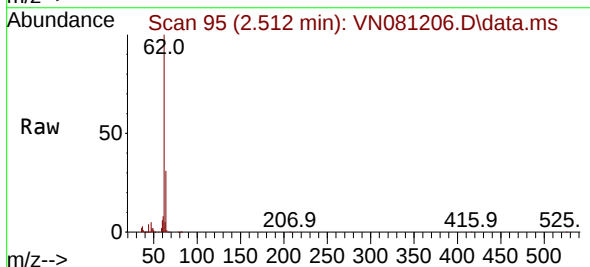
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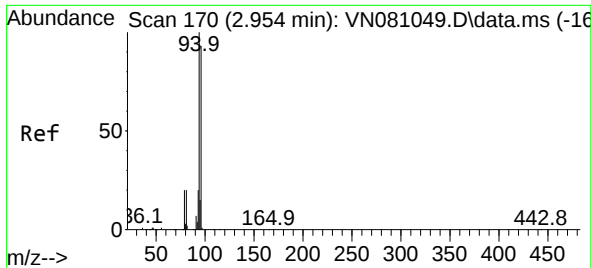
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#4
Vinyl Chloride
Concen: 51.379 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

Tgt Ion: 62 Resp: 215239
Ion Ratio Lower Upper
62 100
64 30.7 22.7 34.1





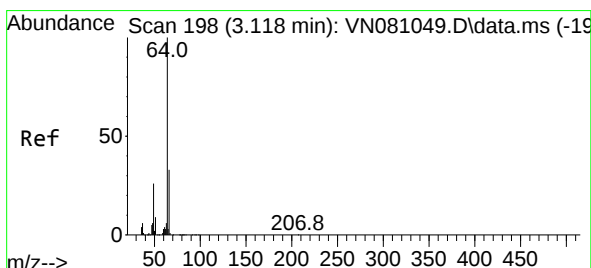
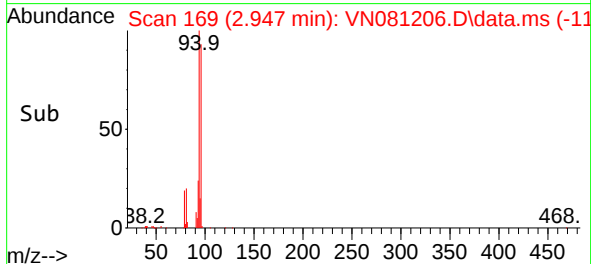
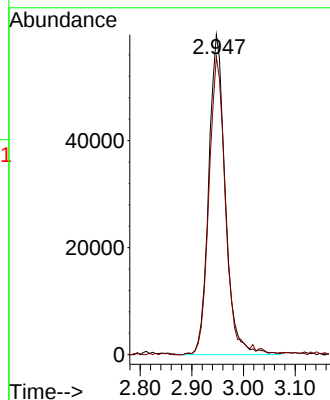
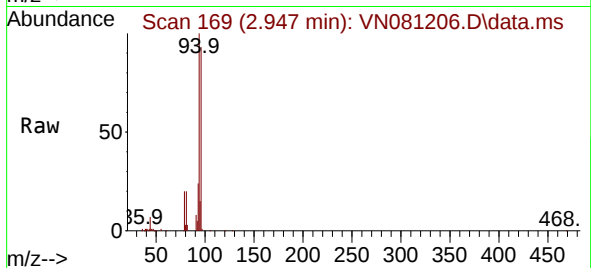
#5
Bromomethane
Concen: 44.734 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.007 min
Lab File: VN081206.D
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Tgt Ion: 94 Resp: 133100
Ion Ratio Lower Upper
94 100
96 93.1 69.2 103.8

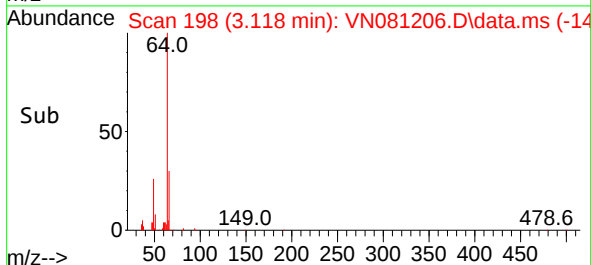
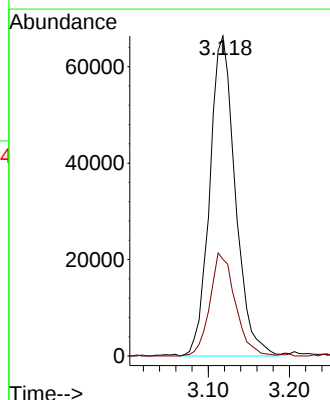
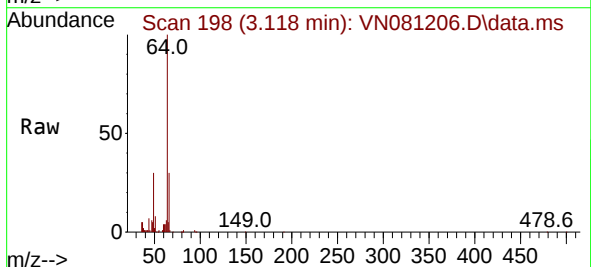
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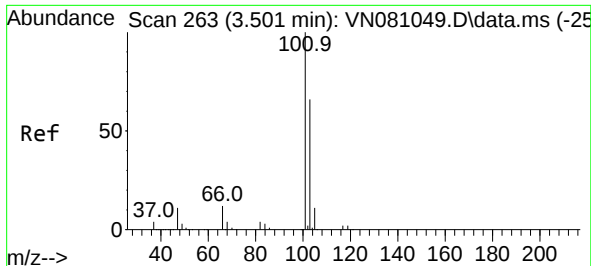
Reviewed By :John Carlone 02/27/2024
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#6
Chloroethane
Concen: 53.766 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081206.D
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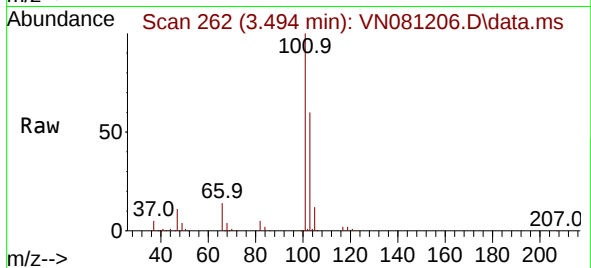
Tgt Ion: 64 Resp: 145452
Ion Ratio Lower Upper
64 100
66 30.2 26.4 39.6





#7
Trichlorofluoromethane
Concen: 54.045 ug/l
RT: 3.494 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN081206.D
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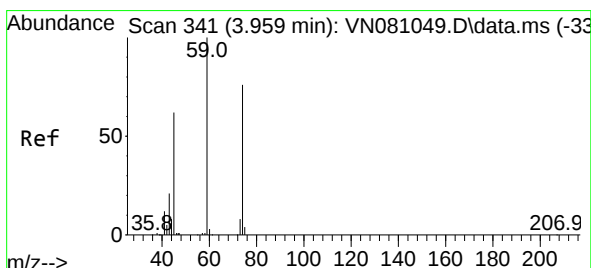
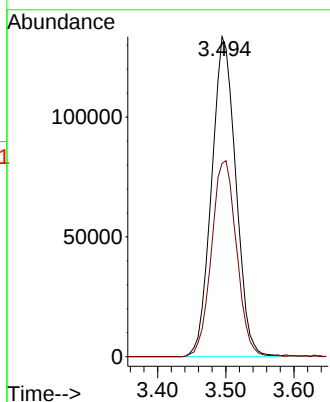
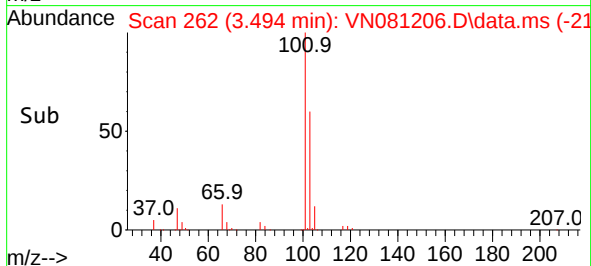
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Tgt Ion:101 Resp: 33076
Ion Ratio Lower Upper
101 100
103 60.4 54.4 81.6

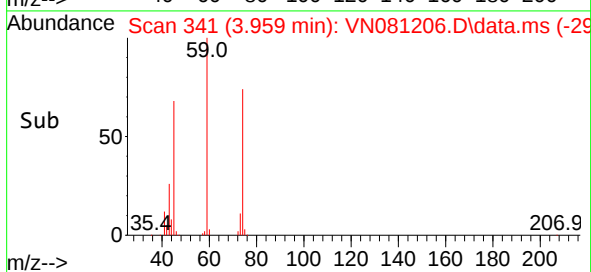
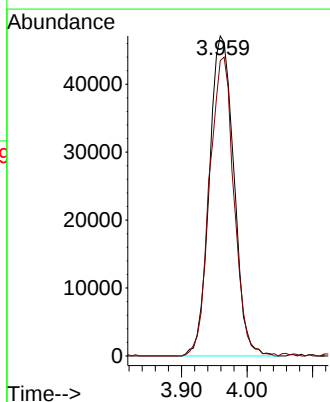
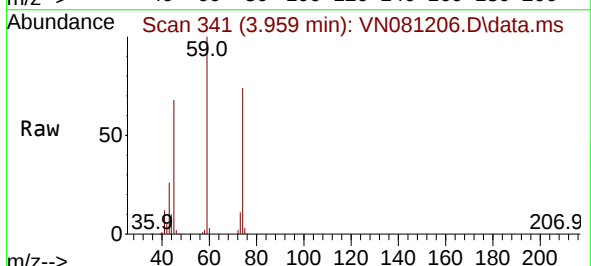
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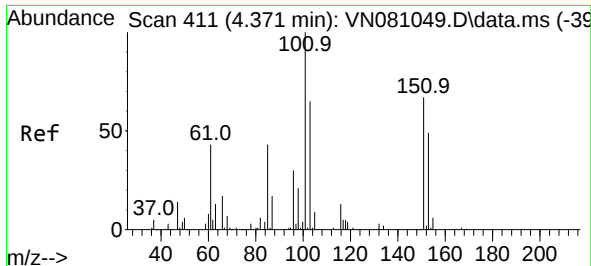
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#8
Diethyl Ether
Concen: 54.503 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 121954
Ion Ratio Lower Upper
74 100
45 93.2 53.3 159.9





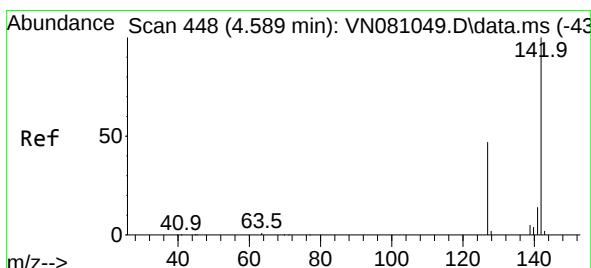
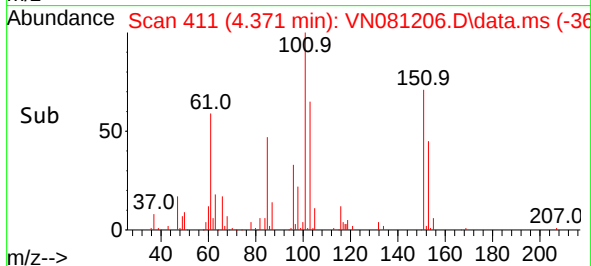
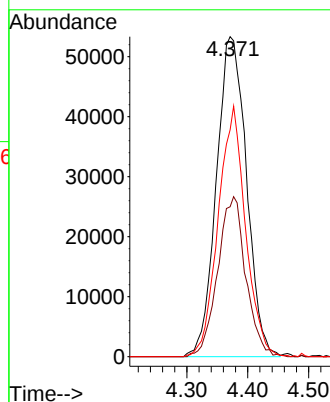
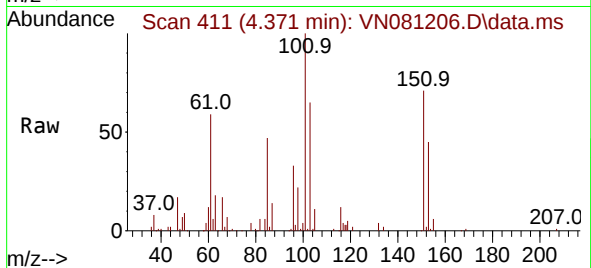
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.658 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 183070
Ion Ratio Lower Upper
101 100
85 46.7 38.1 57.1
151 71.2 49.1 73.7

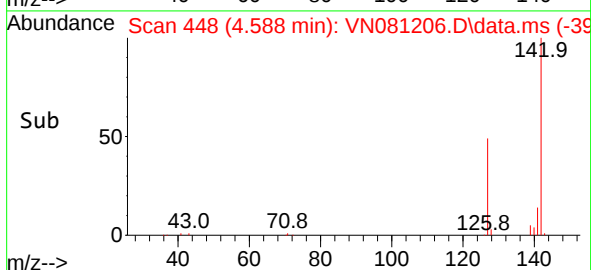
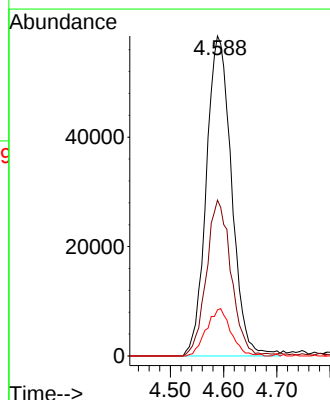
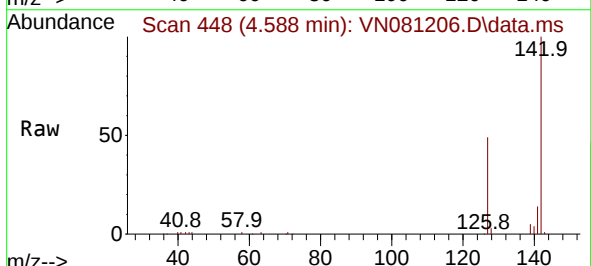
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#10
Methyl Iodide
Concen: 50.490 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

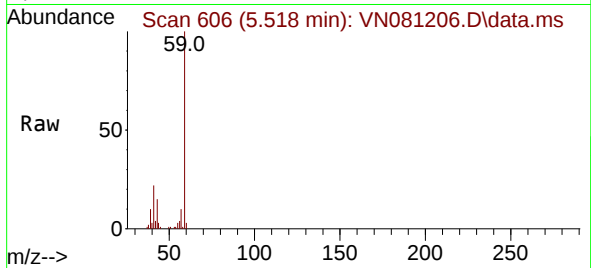
Tgt Ion:142 Resp: 192280
Ion Ratio Lower Upper
142 100
127 48.7 37.0 55.4
141 14.4 12.5 18.7





#11
Tert butyl alcohol
Concen: 288.907 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

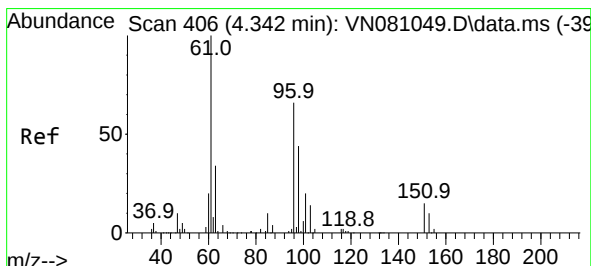
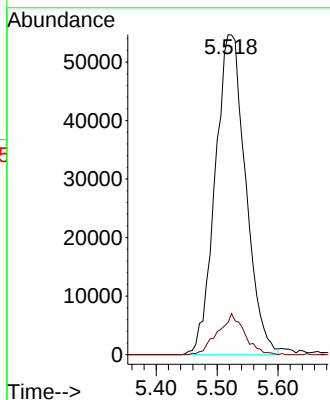
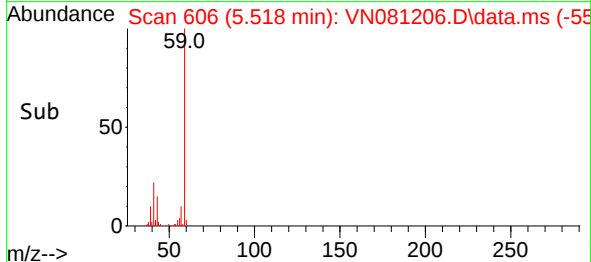
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



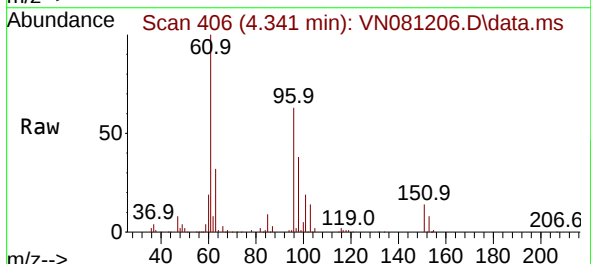
Tgt Ion: 59 Resp: 18992
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

Manual Integrations
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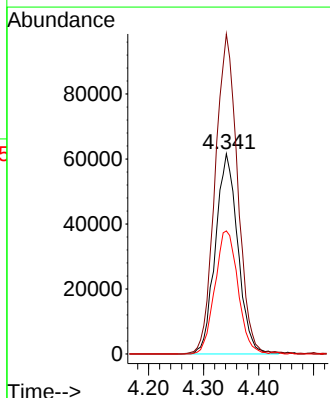
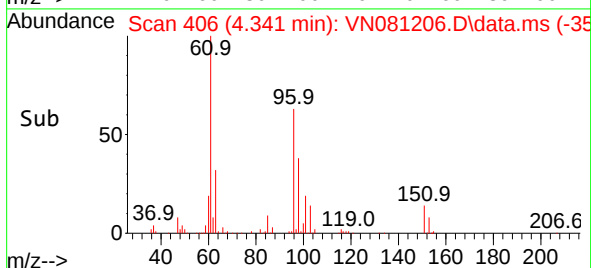
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

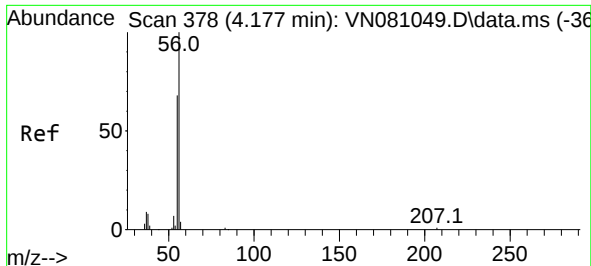


#12
1,1-Dichloroethene
Concen: 52.878 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40



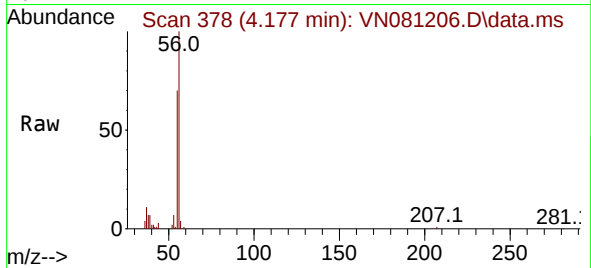
Tgt Ion: 96 Resp: 174392
Ion Ratio Lower Upper
96 100
61 159.9 138.2 207.4
98 61.4 49.2 73.8





#13
Acrolein
Concen: 344.130 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

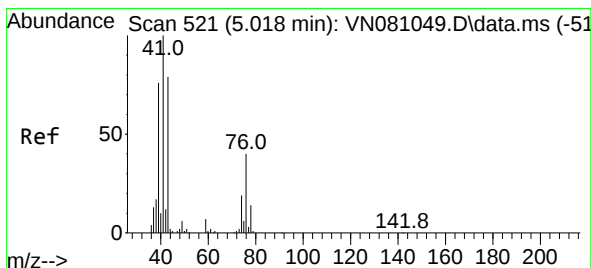
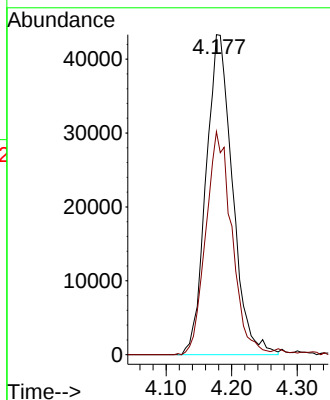
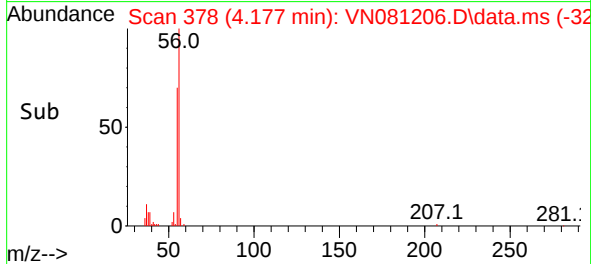
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 121252
Ion Ratio Lower Upper
56 100
55 68.8 55.3 82.9

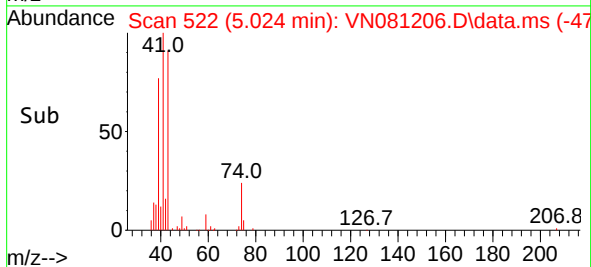
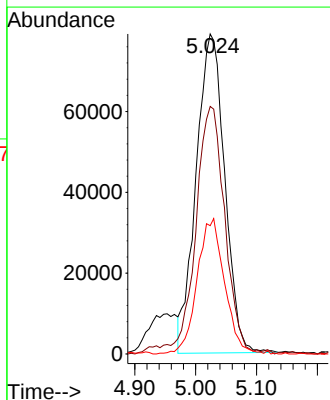
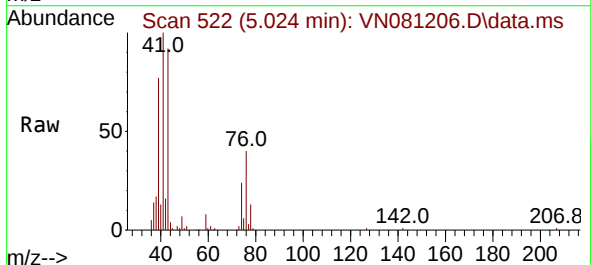
Manual Integrations
APPROVED

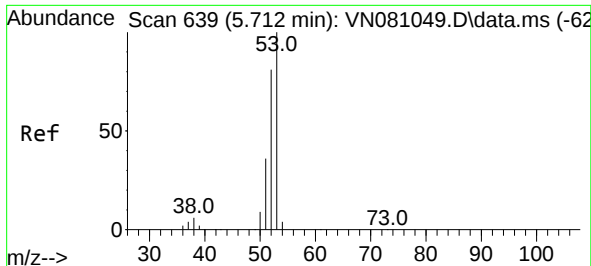
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#14
Allyl chloride
Concen: 52.574 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

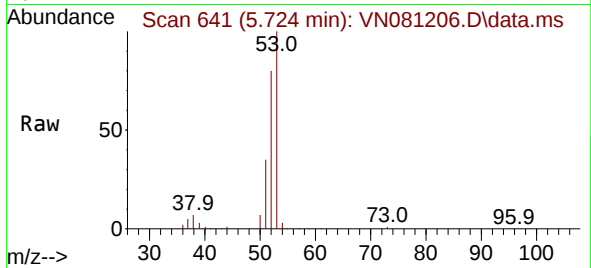
Tgt Ion: 41 Resp: 257267
Ion Ratio Lower Upper
41 100
39 80.0 57.7 86.5
76 40.8 26.8 40.2#





#15
Acrylonitrile
Concen: 301.451 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

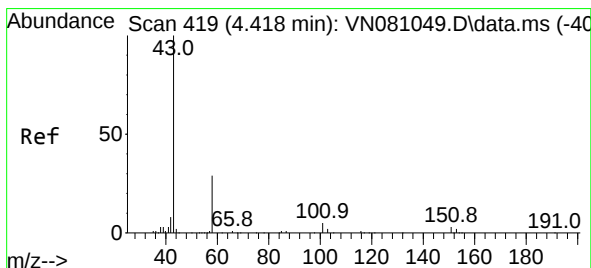
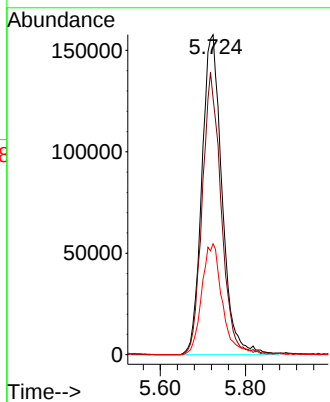
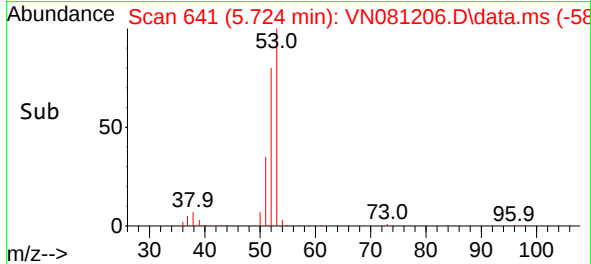
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 51755
Ion Ratio Lower Upper
53 100
52 83.2 64.8 97.2
51 35.6 26.9 40.3

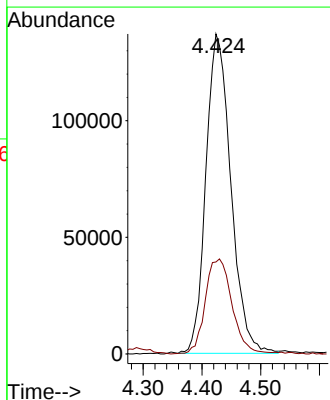
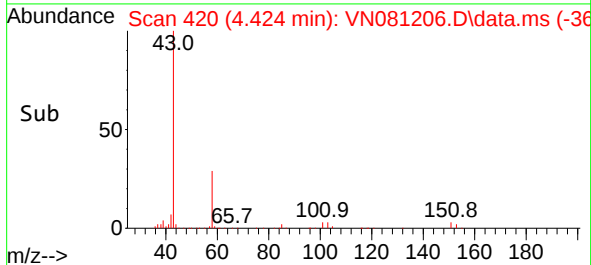
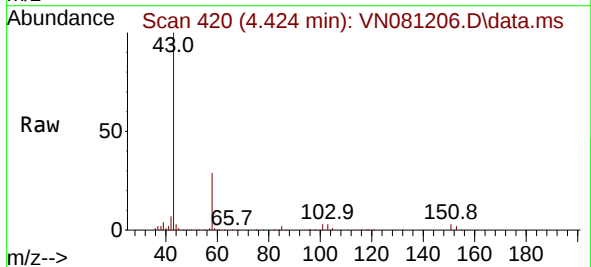
Manual Integrations
APPROVED

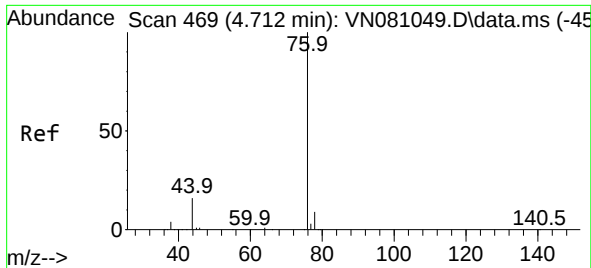
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#16
Acetone
Concen: 287.415 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

Tgt Ion: 43 Resp: 404257
Ion Ratio Lower Upper
43 100
58 28.7 24.8 37.2





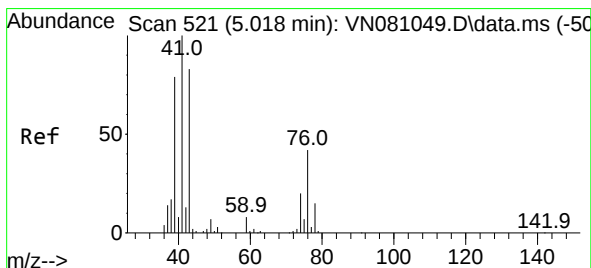
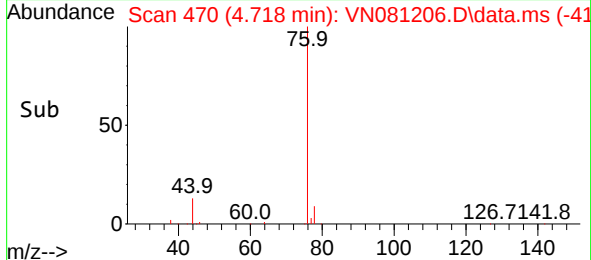
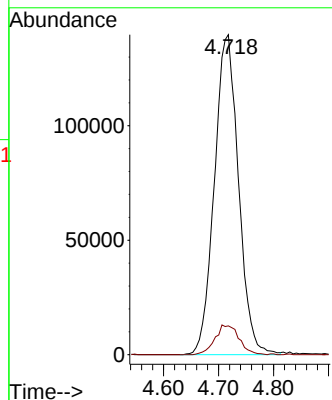
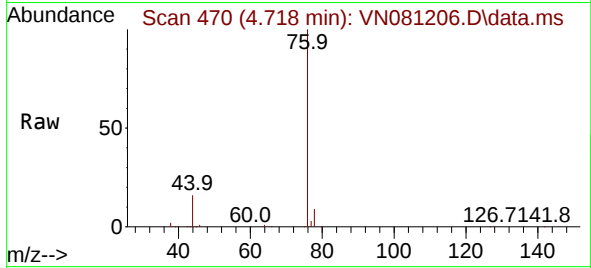
#17
Carbon Disulfide
Concen: 46.336 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 426240
Ion Ratio Lower Upper
76 100
78 9.0 6.3 9.5

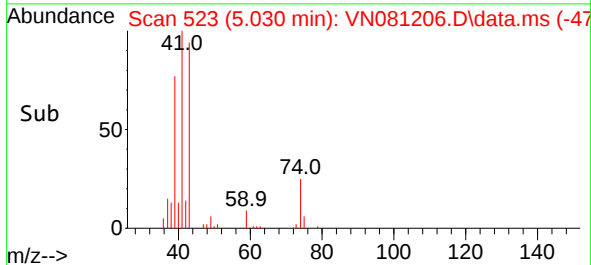
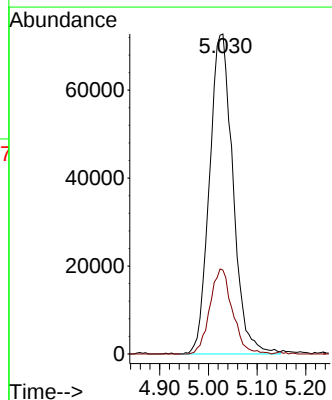
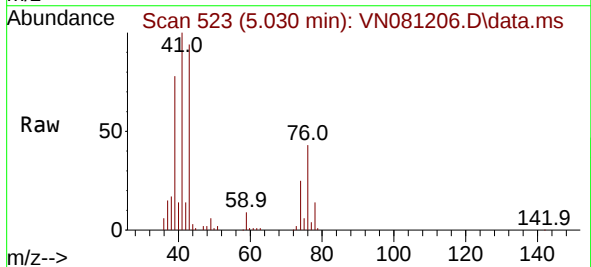
Manual Integrations
APPROVED

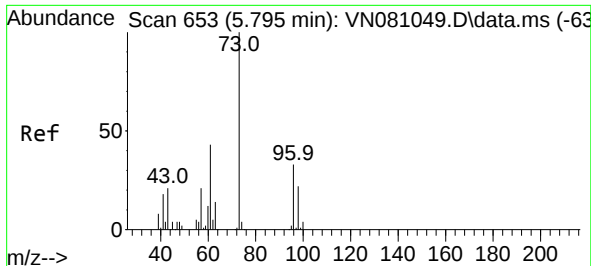
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#18
Methyl Acetate
Concen: 70.946 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

Tgt Ion: 43 Resp: 243427
Ion Ratio Lower Upper
43 100
74 25.5 17.3 25.9





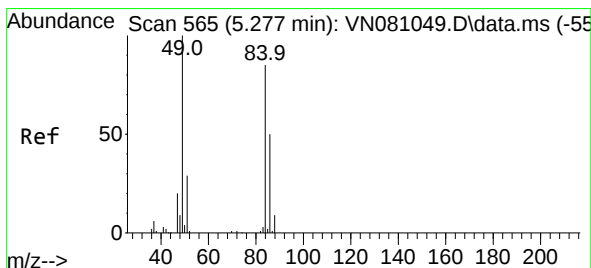
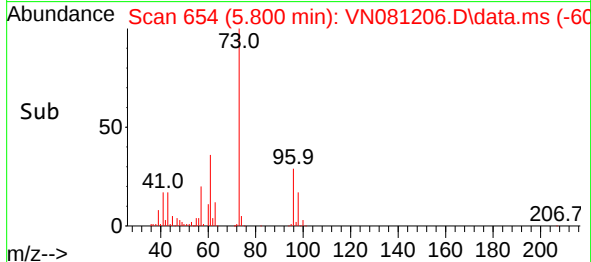
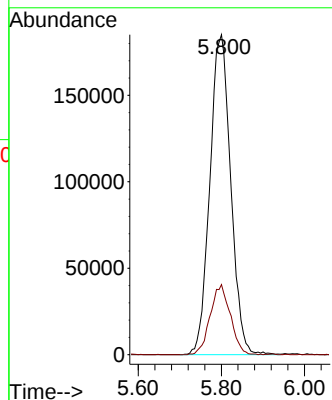
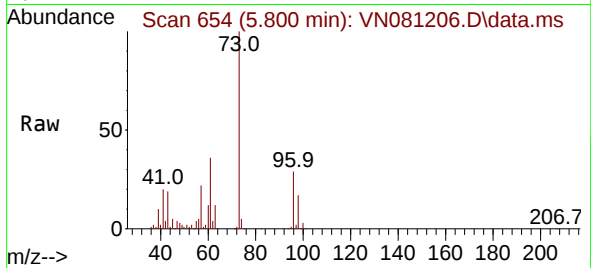
#19
Methyl tert-butyl Ether
Concen: 57.122 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 64522
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.4

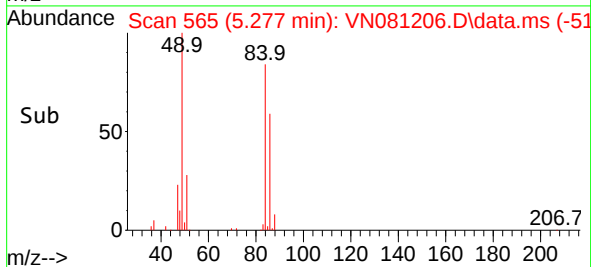
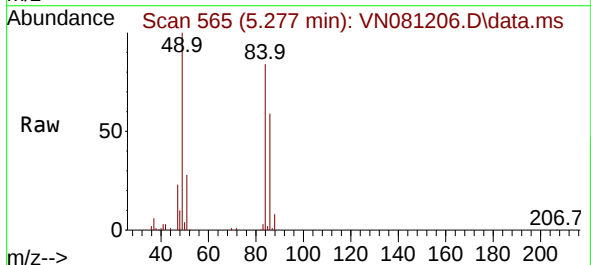
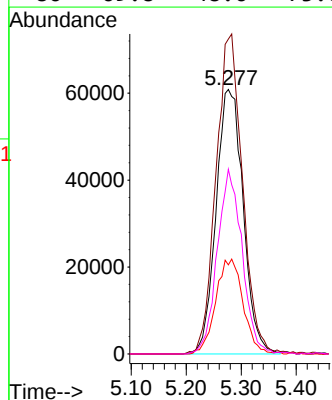
Manual Integrations
APPROVED

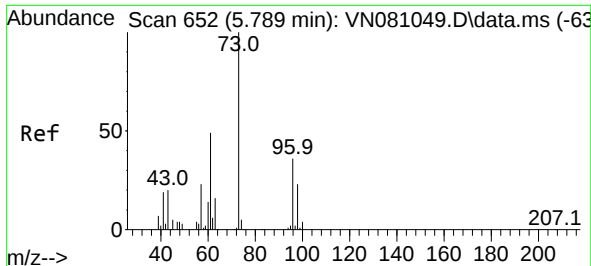
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#20
Methylene Chloride
Concen: 57.429 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

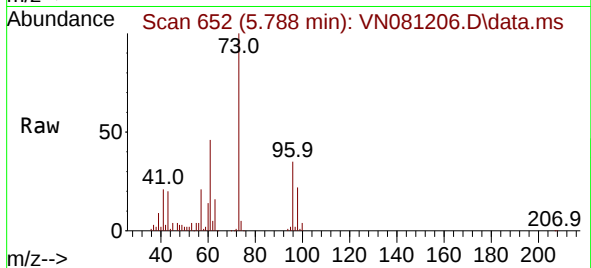
Tgt Ion: 84 Resp: 208461
Ion Ratio Lower Upper
84 100
49 119.1 108.1 162.1
51 33.7 32.9 49.3
86 69.8 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 51.174 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

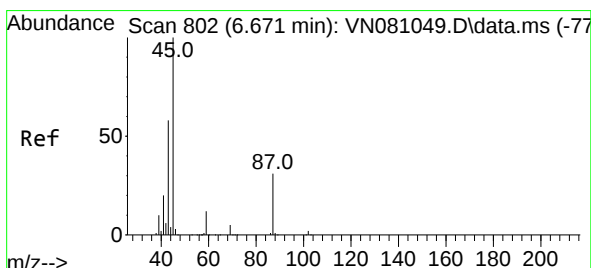
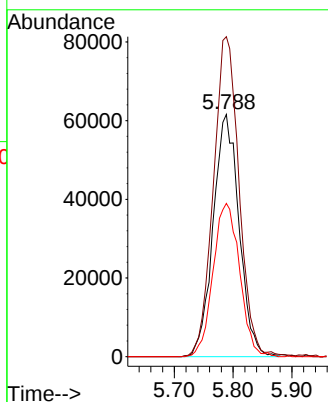
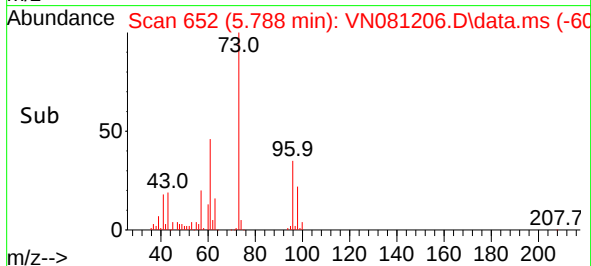
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 188298
Ion Ratio Lower Upper
96 100
61 132.1 112.8 169.2
98 63.3 51.0 76.4

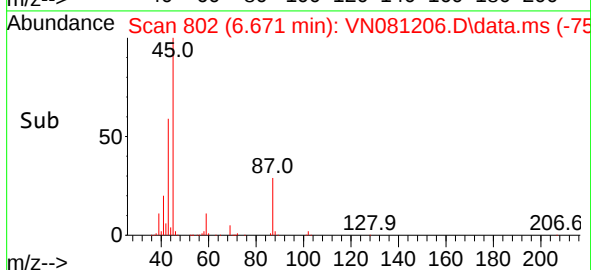
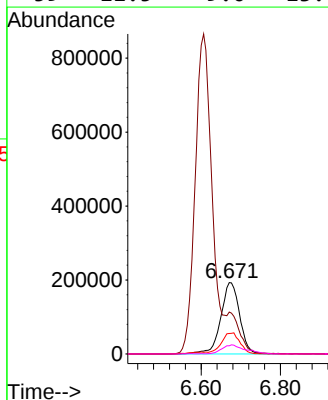
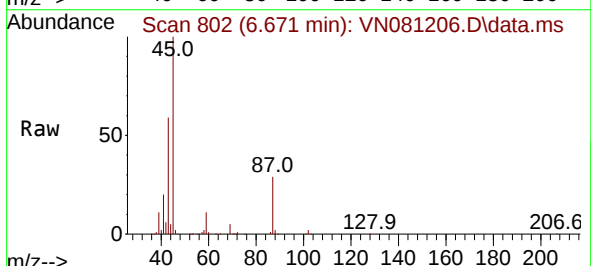
Manual Integrations
APPROVED

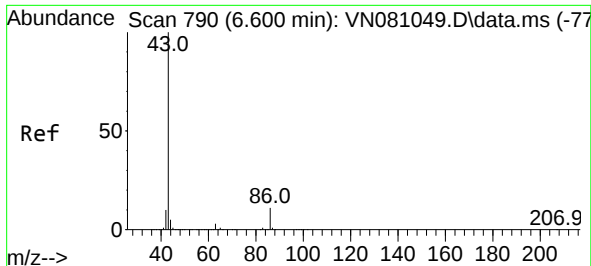
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#22
Diisopropyl ether
Concen: 57.233 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

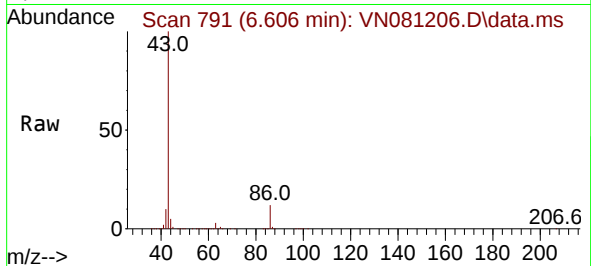
Tgt Ion: 45 Resp: 635313
Ion Ratio Lower Upper
45 100
43 57.9 41.8 62.8
87 28.8 18.1 27.1#
59 11.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 284.887 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081206.D
 Acq: 26 Feb 2024 19:40

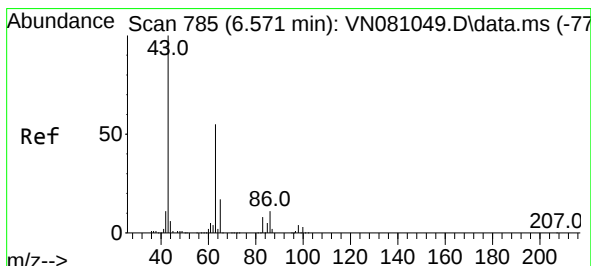
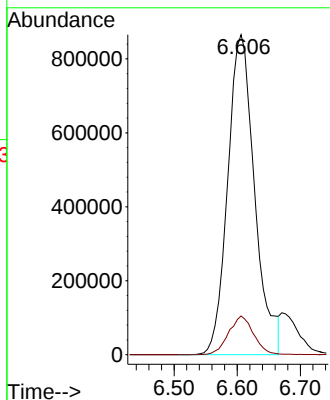
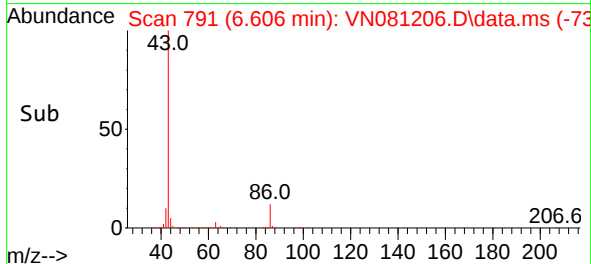
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



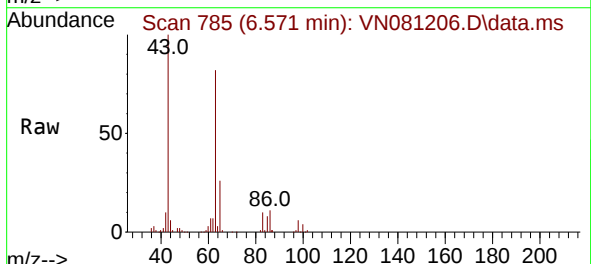
Tgt Ion: 43 Resp: 256575
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.1 10.7

Manual Integrations
 APPROVED

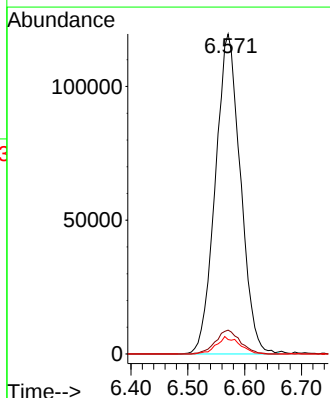
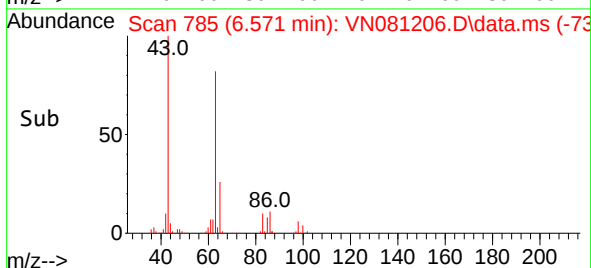
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024

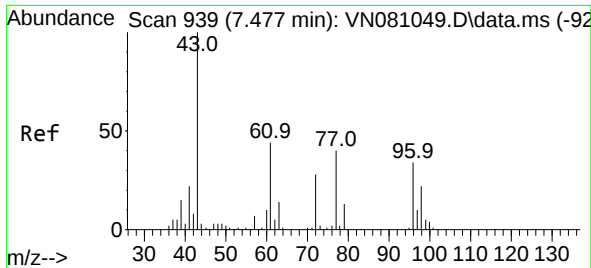


#24
 1,1-Dichloroethane
 Concen: 57.194 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081206.D
 Acq: 26 Feb 2024 19:40



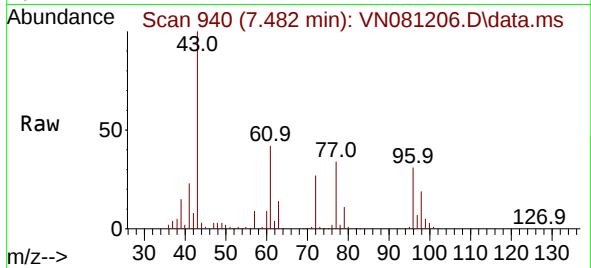
Tgt Ion: 63 Resp: 367095
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.6
 100 4.5 1.9 5.7





#25
2-Butanone
Concen: 301.076 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

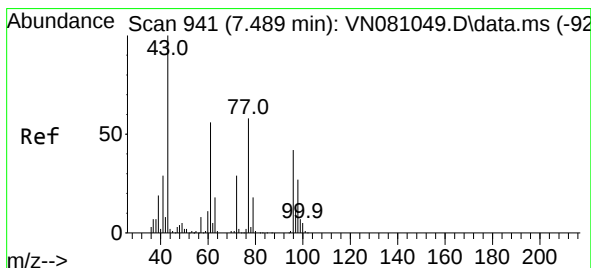
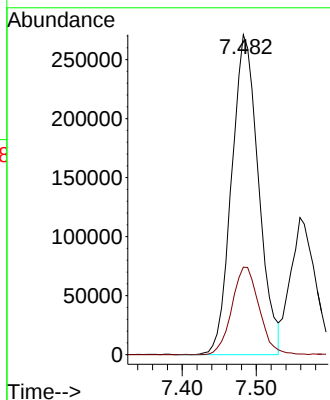
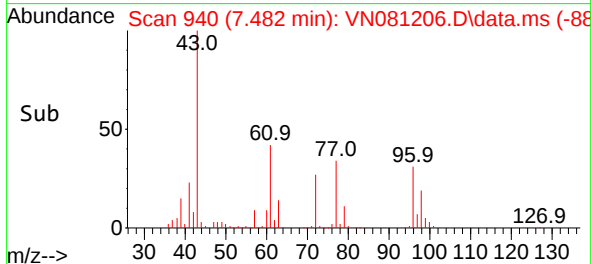
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



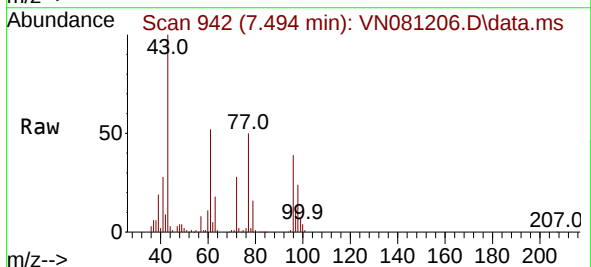
Tgt Ion: 43 Resp: 68413
Ion Ratio Lower Upper
43 100
72 27.4 19.5 29.3

Manual Integrations
APPROVED

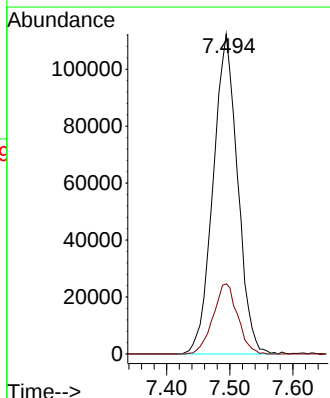
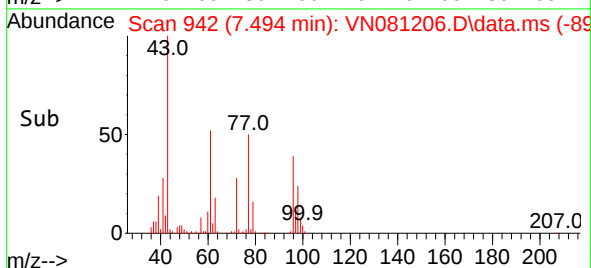
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

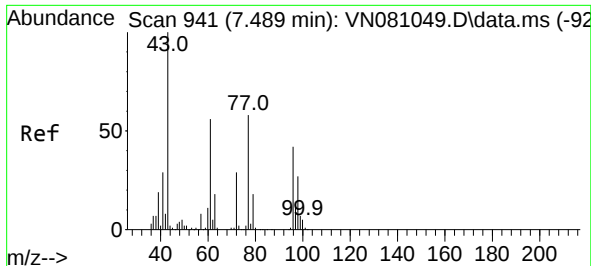


#26
2,2-Dichloropropane
Concen: 50.315 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40



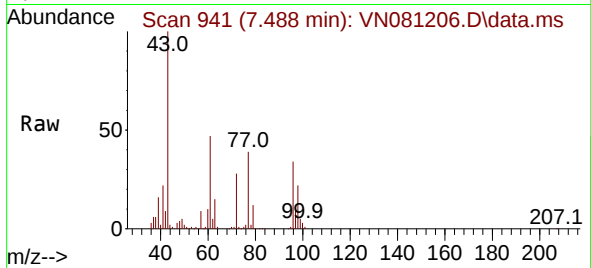
Tgt Ion: 77 Resp: 302596
Ion Ratio Lower Upper
77 100
97 21.9 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 54.577 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081206.D
 Acq: 26 Feb 2024 19:40

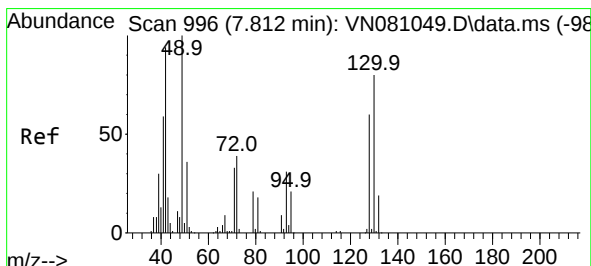
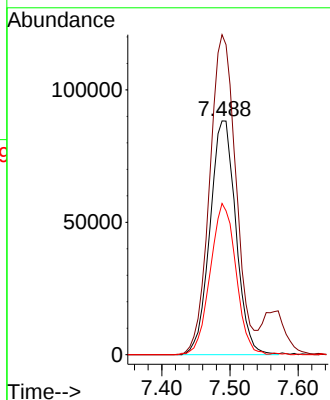
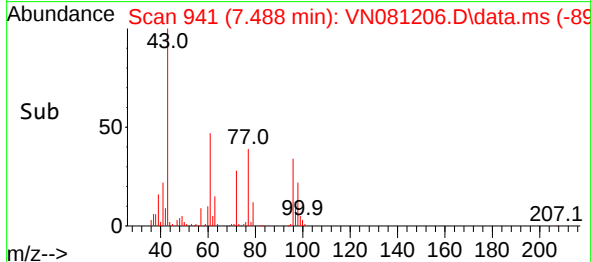
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 23332
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 325.4
 98 64.2 0.0 130.4

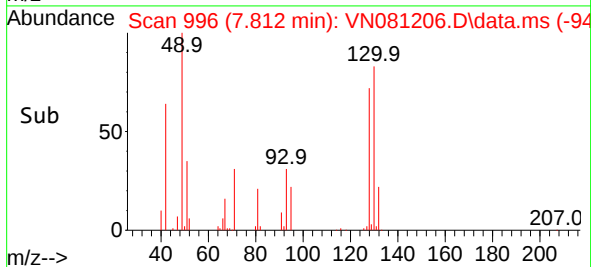
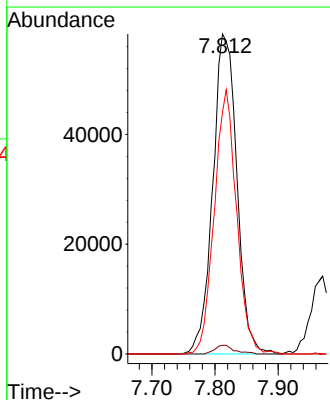
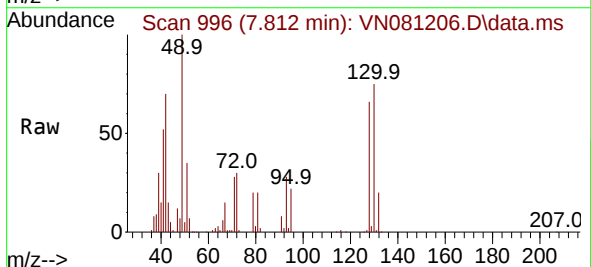
Manual Integrations
 APPROVED

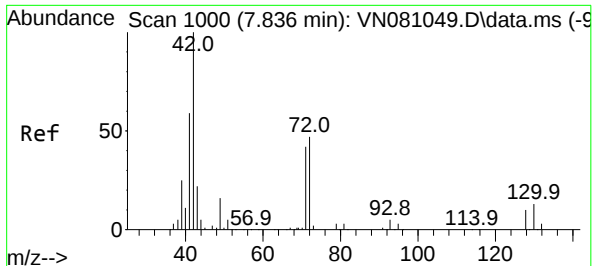
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024



#28
 Bromochloromethane
 Concen: 58.124 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081206.D
 Acq: 26 Feb 2024 19:40

Tgt Ion: 49 Resp: 154662
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 1.6#
 130 76.4 42.3 63.5#





#29

Tetrahydrofuran

Concen: 303.958 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 46106

Ion Ratio Lower Upper

42 100

72 46.6 31.1 46.7

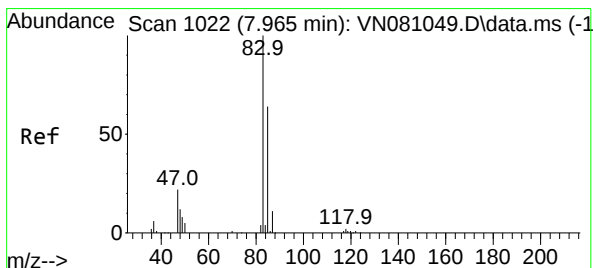
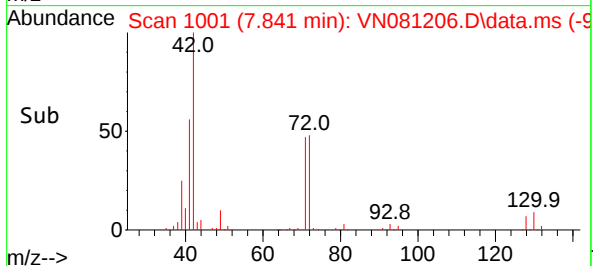
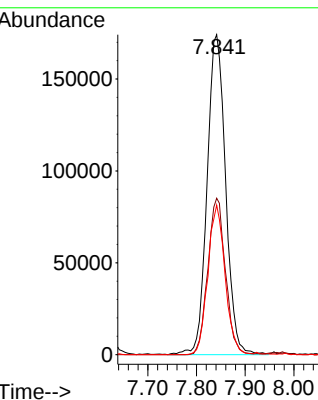
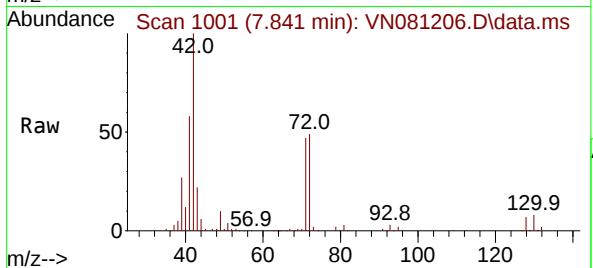
71 43.5 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#30

Chloroform

Concen: 57.195 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081206.D

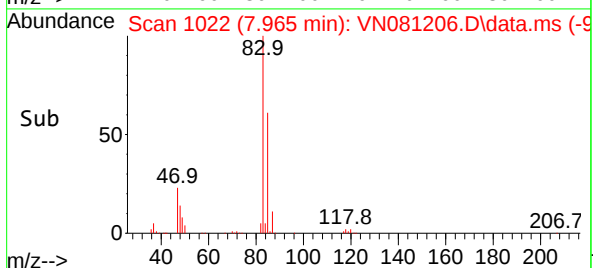
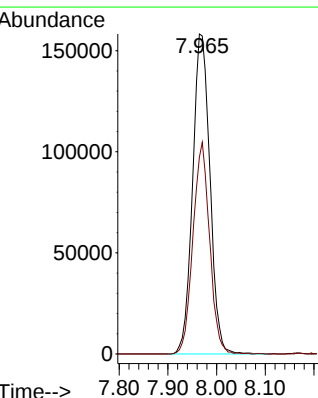
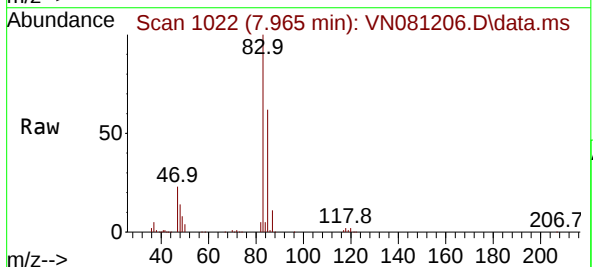
Acq: 26 Feb 2024 19:40

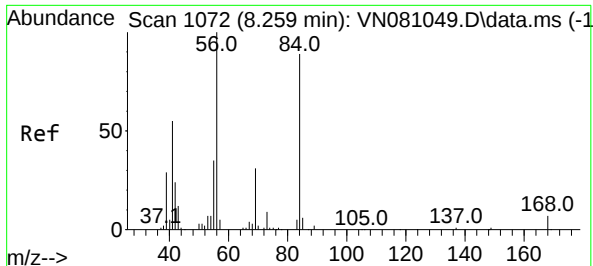
Tgt Ion: 83 Resp: 390260

Ion Ratio Lower Upper

83 100

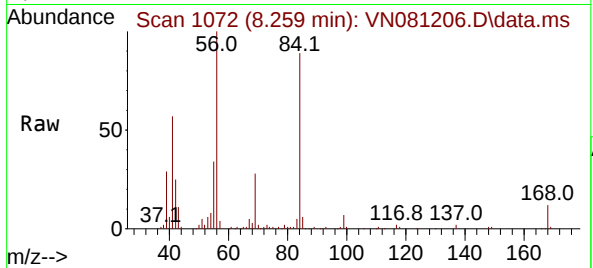
85 61.5 51.0 76.6





#31
Cyclohexane
Concen: 49.405 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

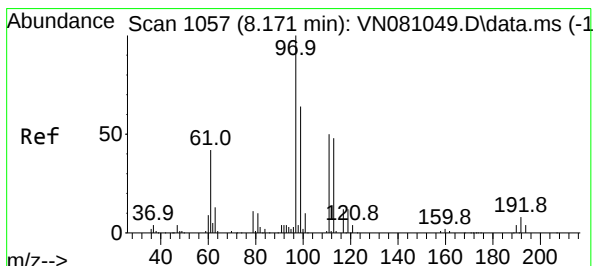
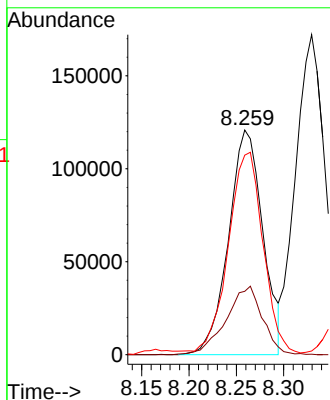
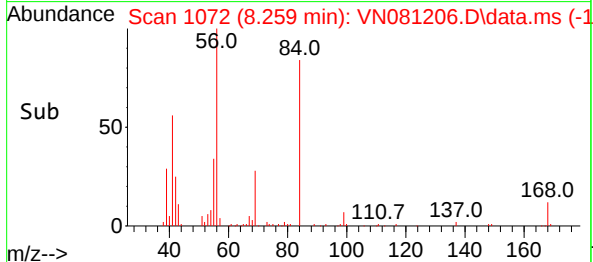
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



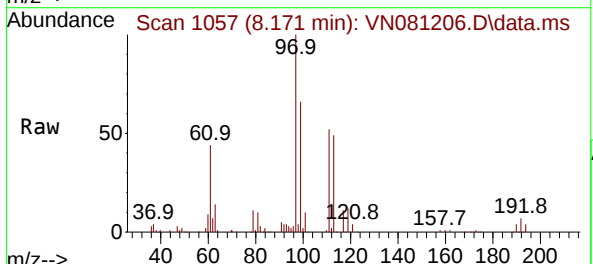
Tgt Ion: 56 Resp: 304930
Ion Ratio Lower Upper
56 100
69 28.0 20.1 30.1
84 87.3 56.9 85.3

Manual Integrations
APPROVED

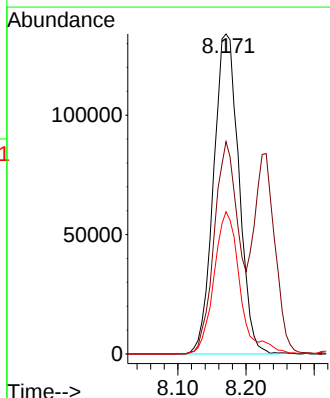
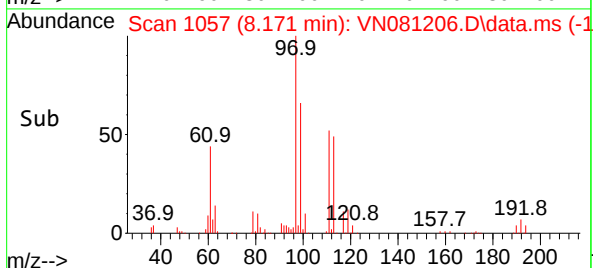
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

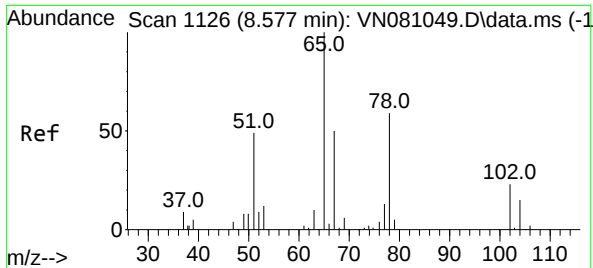


#32
1,1,1-Trichloroethane
Concen: 55.794 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40



Tgt Ion: 97 Resp: 346716
Ion Ratio Lower Upper
97 100
99 63.9 53.4 80.0
61 45.9 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 50.793 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 181564

Ion Ratio Lower Upper

65 100

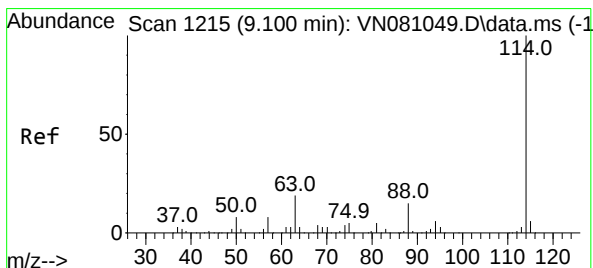
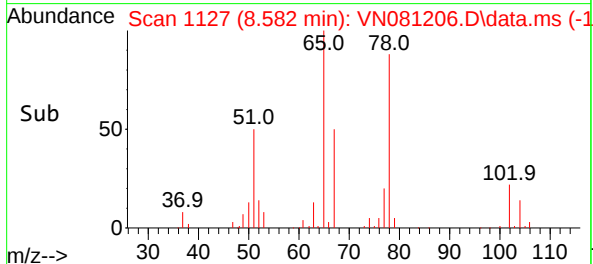
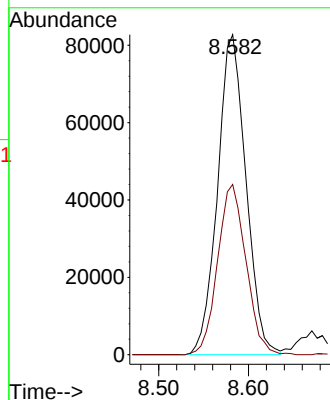
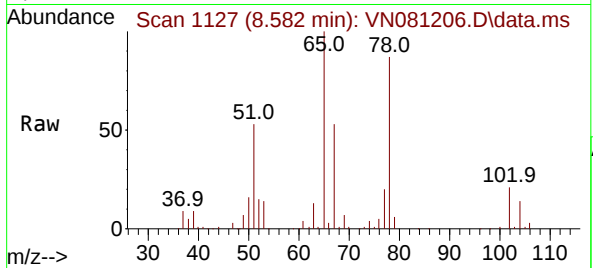
67 53.2 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

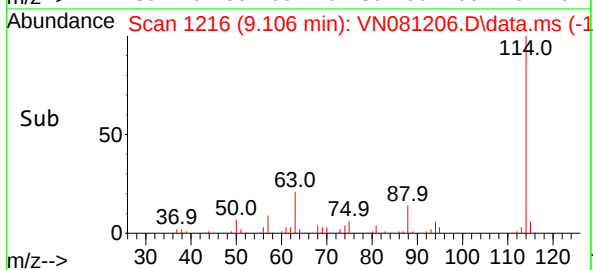
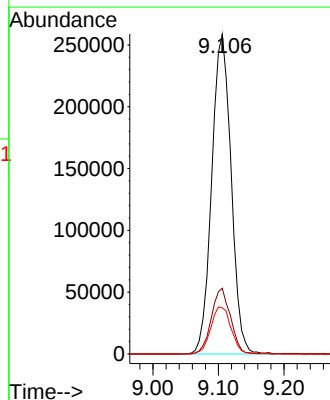
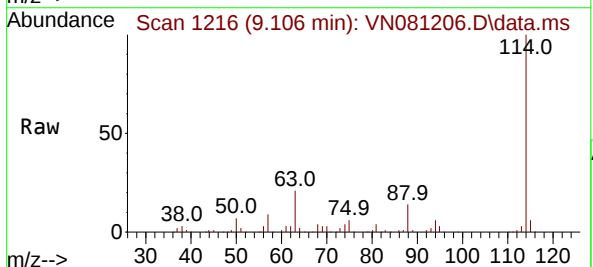
Tgt Ion:114 Resp: 529892

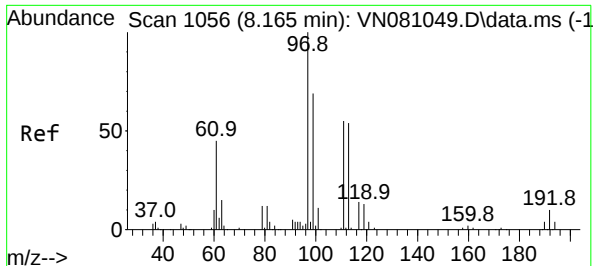
Ion Ratio Lower Upper

114 100

63 20.6 0.0 48.0

88 14.4 0.0 34.8





#35

Dibromofluoromethane

Concen: 54.499 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 163300

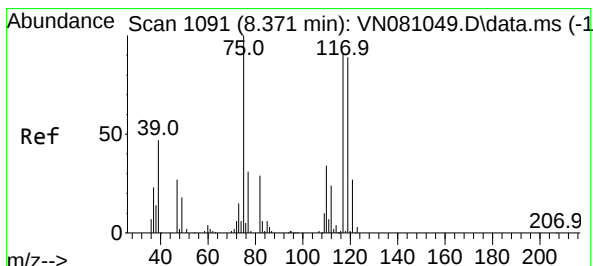
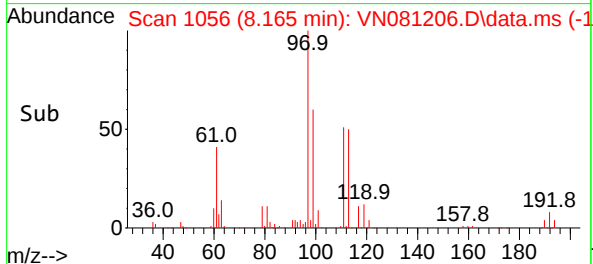
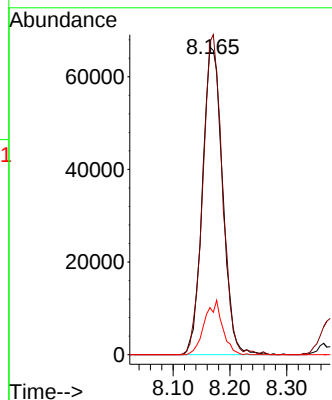
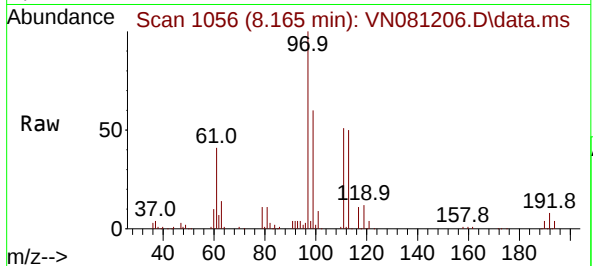
Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.2	123.4
192	15.8	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#36

1,1-Dichloropropene

Concen: 52.729 ug/l

RT: 8.376 min Scan# 1092

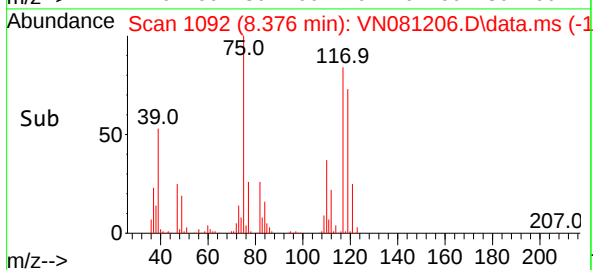
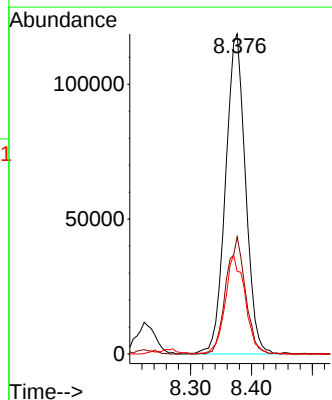
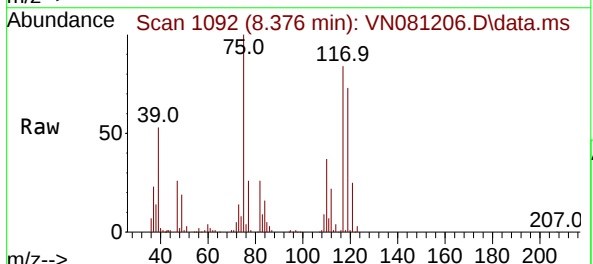
Delta R.T. 0.006 min

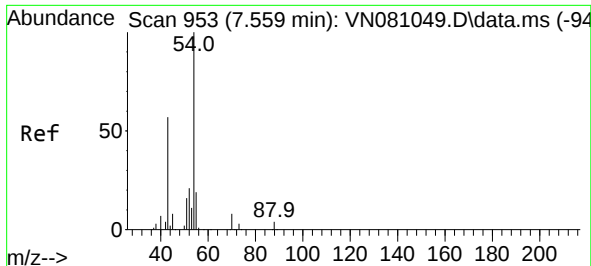
Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

Tgt Ion: 75 Resp: 270679

Ion	Ratio	Lower	Upper
75	100		
110	35.5	16.0	48.0
77	31.0	25.8	38.6





#37

Ethyl Acetate

Concen: 59.479 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 27556

Ion Ratio Lower Upper

43 100

61 14.0 10.6 15.8

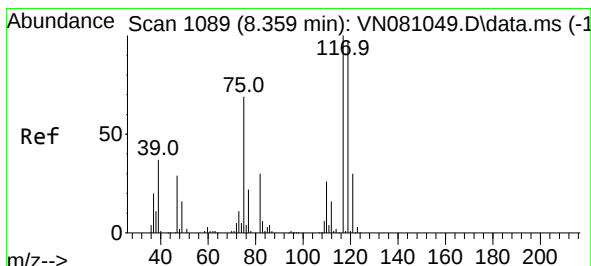
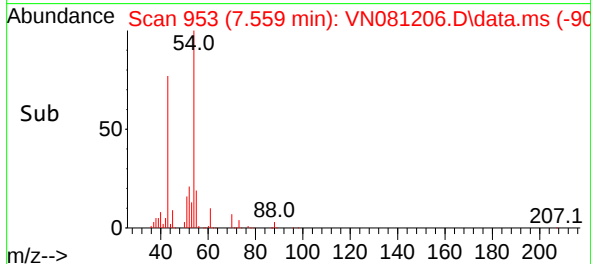
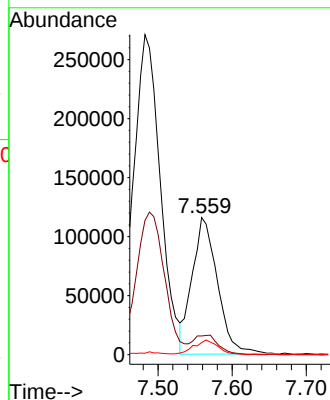
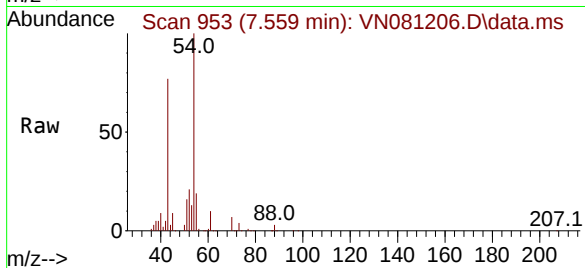
70 10.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#38

Carbon Tetrachloride

Concen: 56.094 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

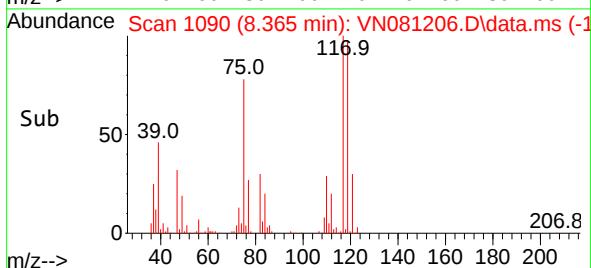
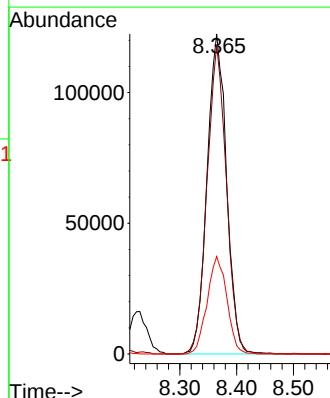
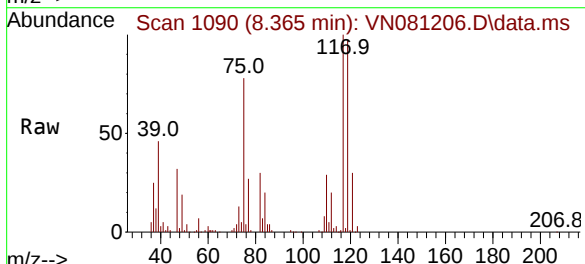
Tgt Ion:117 Resp: 291331

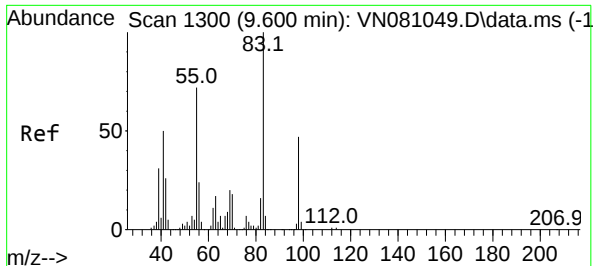
Ion Ratio Lower Upper

117 100

119 96.5 73.4 110.2

121 30.4 24.4 36.6





#39

Methylcyclohexane

Concen: 53.073 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.006 min

Lab File: VN081206.D

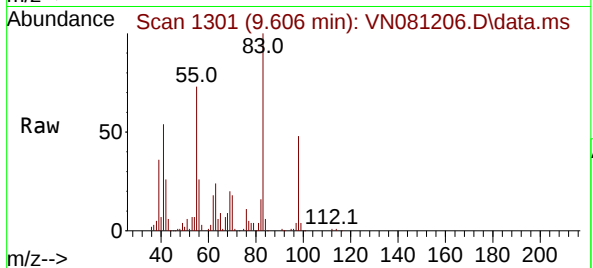
Acq: 26 Feb 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



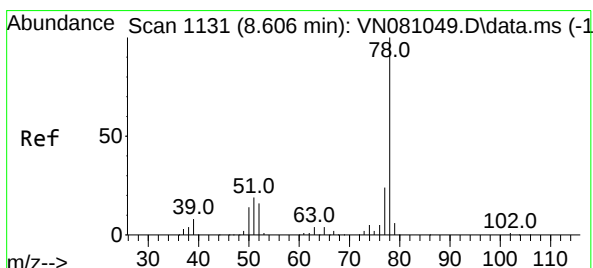
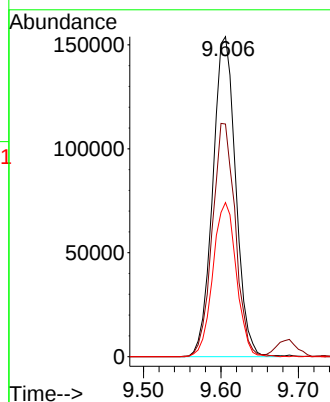
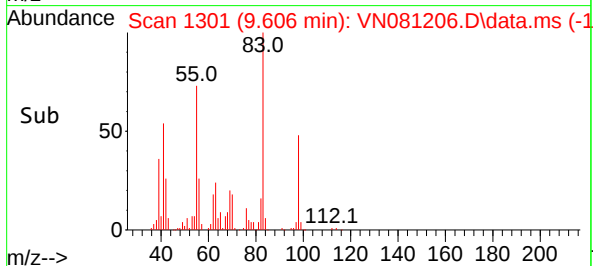
Tgt Ion: 83	Resp: 317598
Ion Ratio	Lower Upper
83	100
55	72.7 65.7 98.5
98	48.1 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#40

Benzene

Concen: 56.170 ug/l

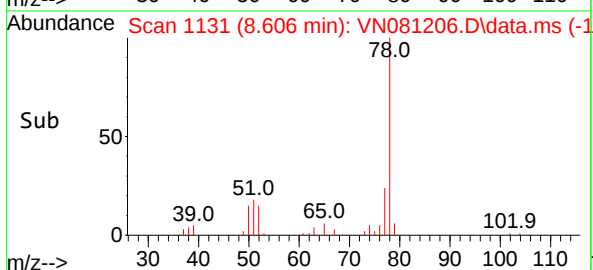
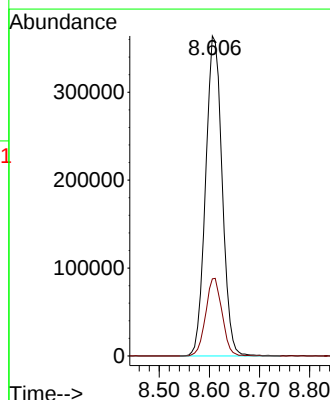
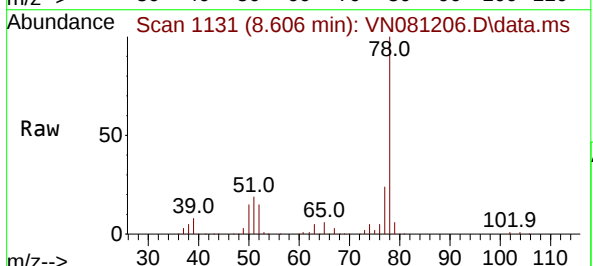
RT: 8.606 min Scan# 1131

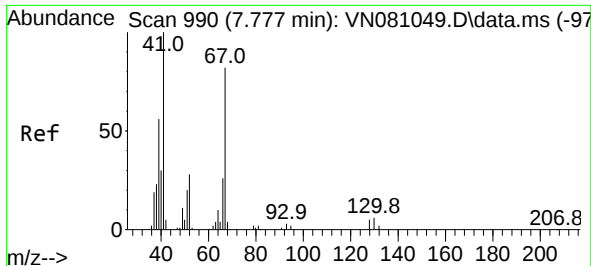
Delta R.T. -0.000 min

Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

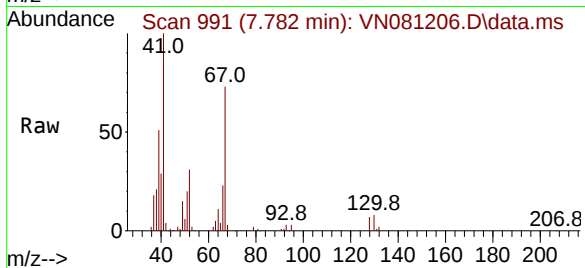
Tgt Ion: 78	Resp: 834613
Ion Ratio	Lower Upper
78	100
77	24.1 20.4 30.6





#41
Methacrylonitrile
Concen: 57.991 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

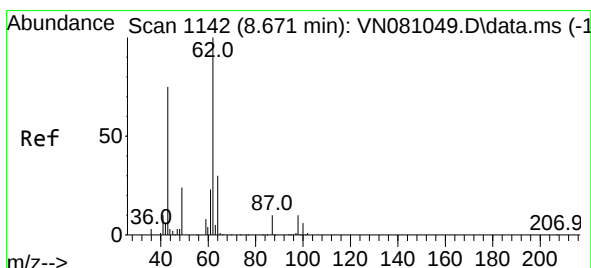
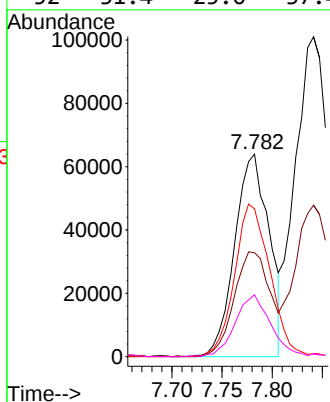
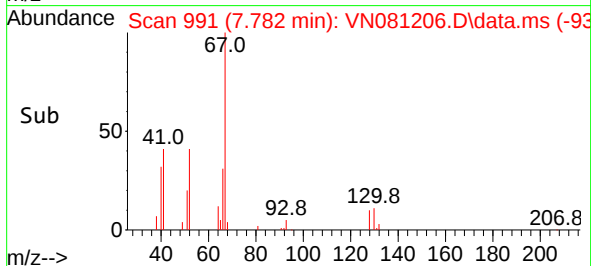
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 152905
Ion Ratio Lower Upper
41 100
39 53.9 48.4 72.6
67 78.0 56.8 85.2
52 31.4 25.0 37.4

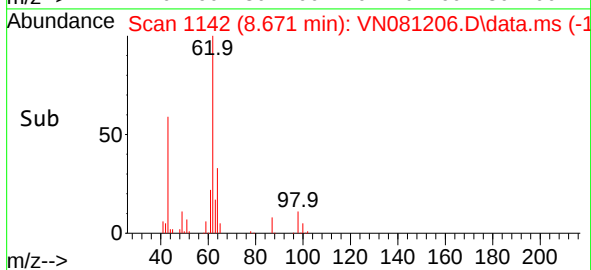
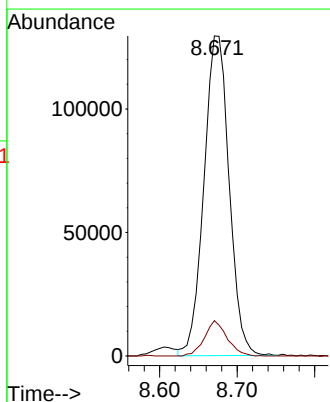
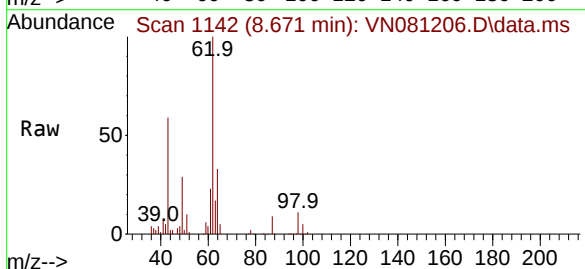
Manual Integrations
APPROVED

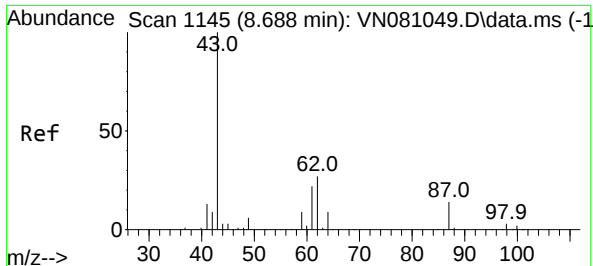
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#42
1,2-Dichloroethane
Concen: 56.399 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

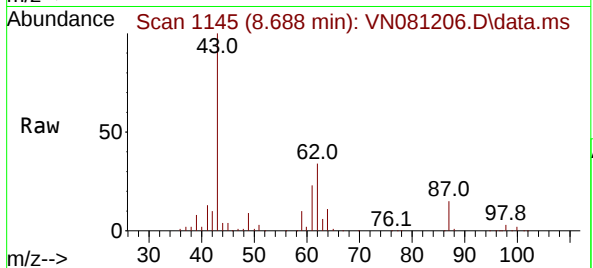
Tgt Ion: 62 Resp: 292368
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.0





#43
Isopropyl Acetate
Concen: 59.464 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

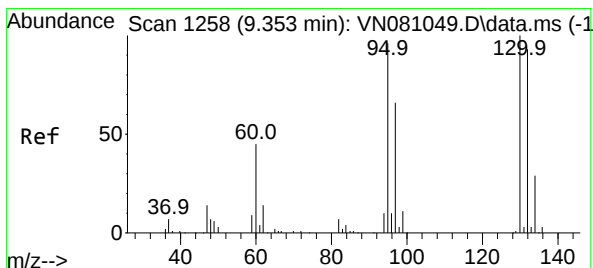
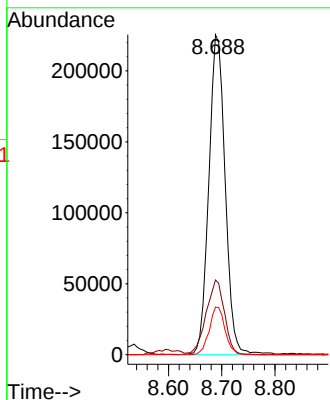
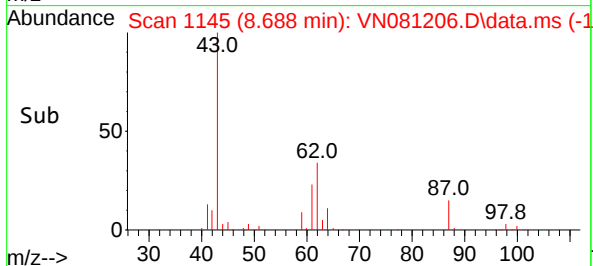
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



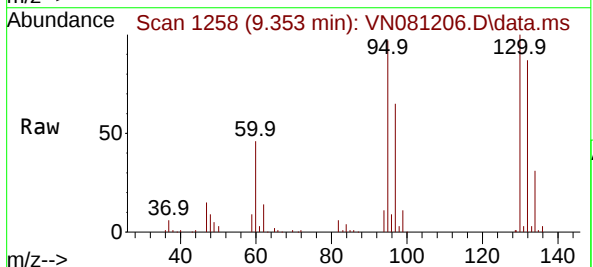
Tgt Ion: 43 Resp: 48182
Ion Ratio Lower Upper
43 100
61 26.1 19.9 29.9
87 14.3 9.0 13.6

Manual Integrations
APPROVED

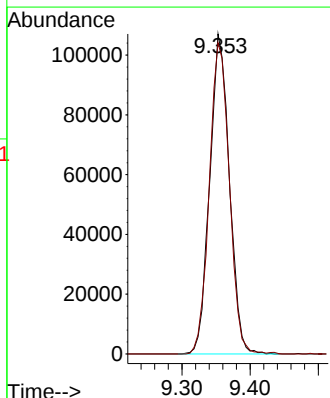
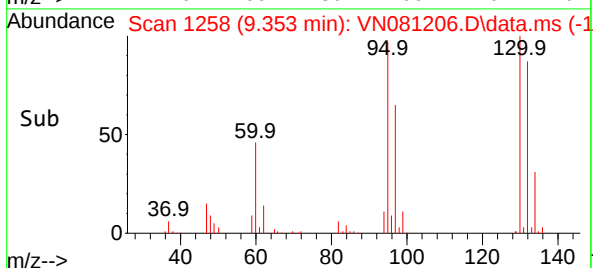
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

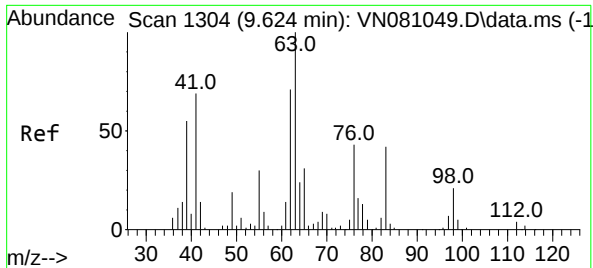


#44
Trichloroethene
Concen: 54.309 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40



Tgt Ion:130 Resp: 214931
Ion Ratio Lower Upper
130 100
95 97.3 0.0 210.4





#45

1,2-Dichloropropane

Concen: 56.656 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 21058

Ion Ratio Lower Upper

63 100

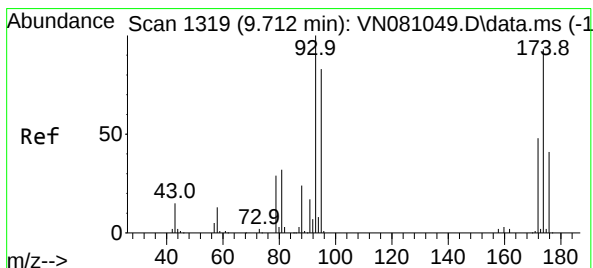
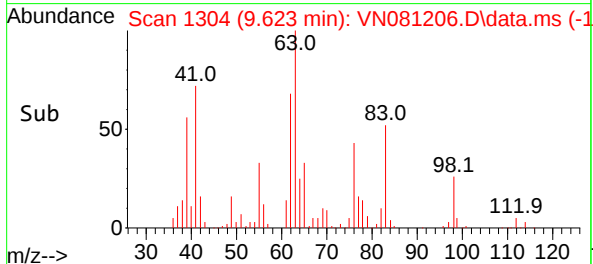
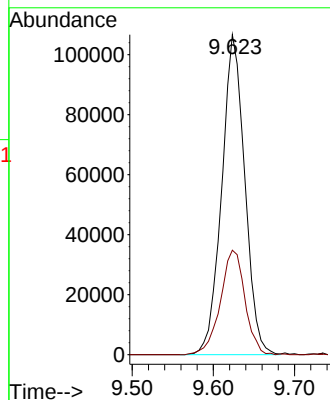
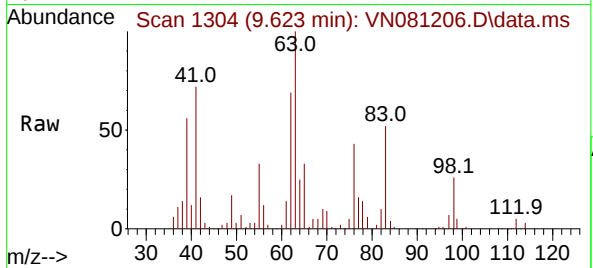
65 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#46

Dibromomethane

Concen: 56.339 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

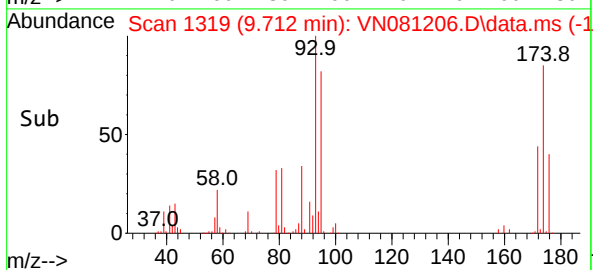
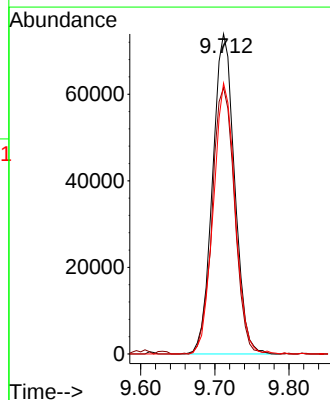
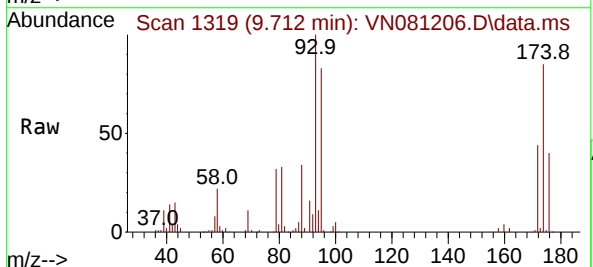
Tgt Ion: 93 Resp: 152572

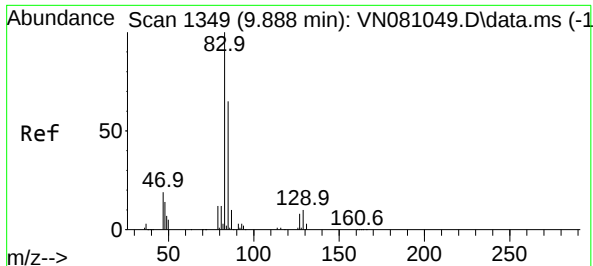
Ion Ratio Lower Upper

93 100

95 84.5 68.1 102.1

174 83.8 57.2 85.8





#47

Bromodichloromethane

Concen: 60.204 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.006 min

Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 30878

Ion Ratio Lower Upper

83 100

85 66.3 52.3 78.5

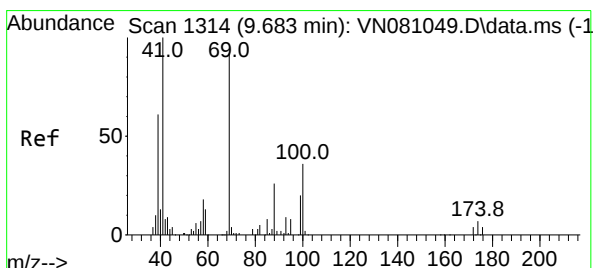
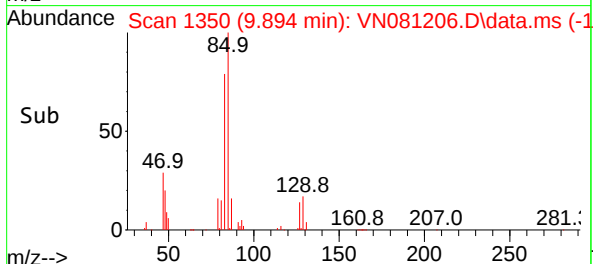
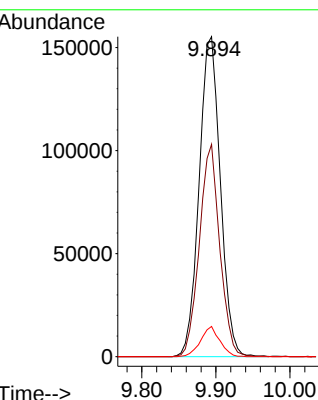
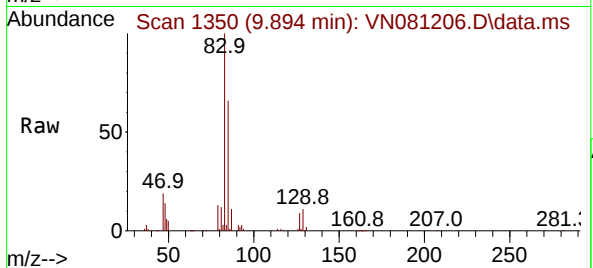
127 9.5 4.6 7.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#48

Methyl methacrylate

Concen: 59.124 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

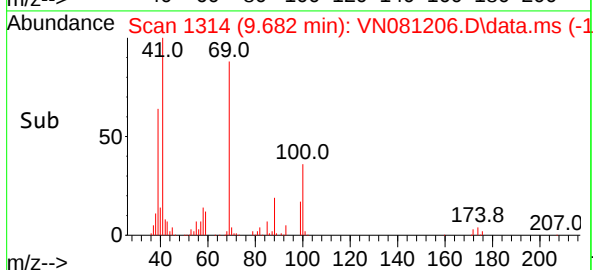
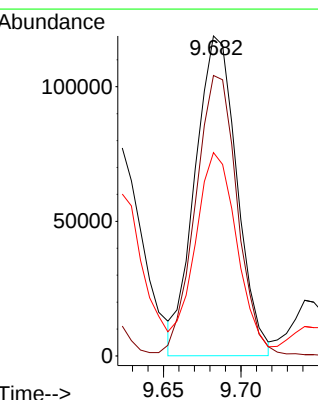
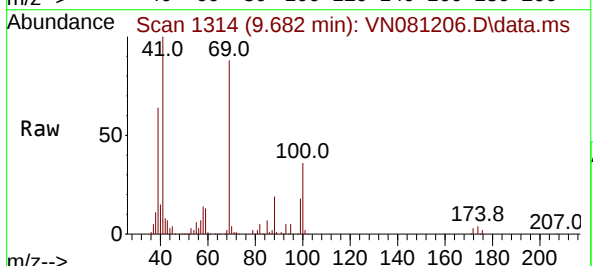
Tgt Ion: 41 Resp: 222917

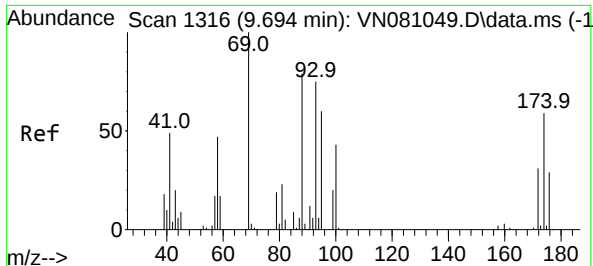
Ion Ratio Lower Upper

41 100

69 88.2 62.2 93.2

39 64.1 47.6 71.4





#49

1,4-Dioxane

Concen: 1363.866 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081206.D

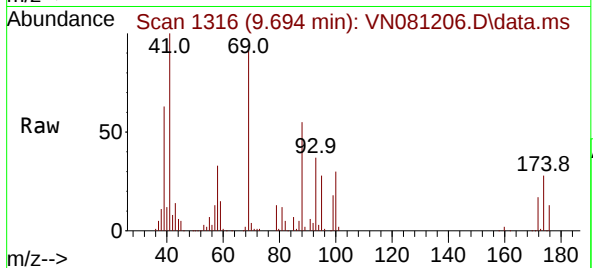
Acq: 26 Feb 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



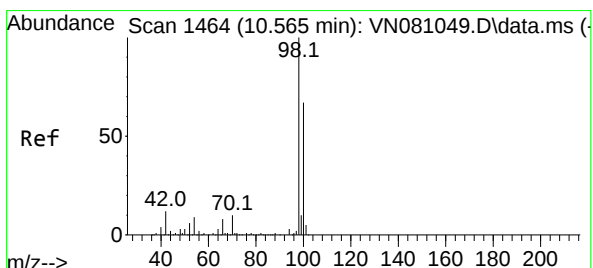
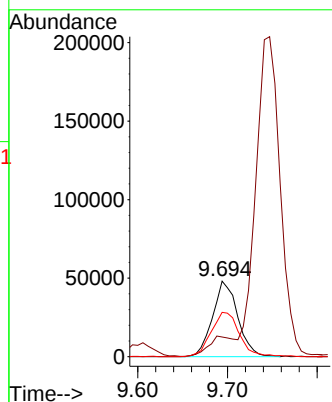
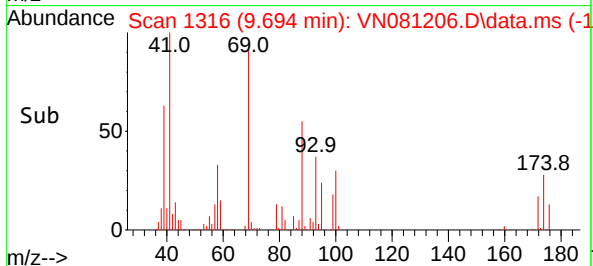
Tgt Ion:	88	Resp:	93618
Ion Ratio	Lower	Upper	
88	100		
43	25.1	30.1	45.1
58	66.5	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#50

Toluene-d8

Concen: 48.926 ug/l

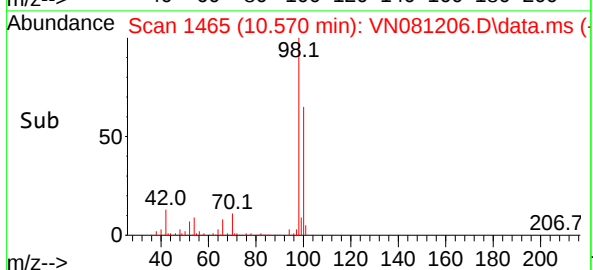
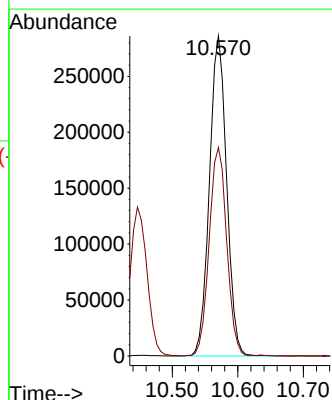
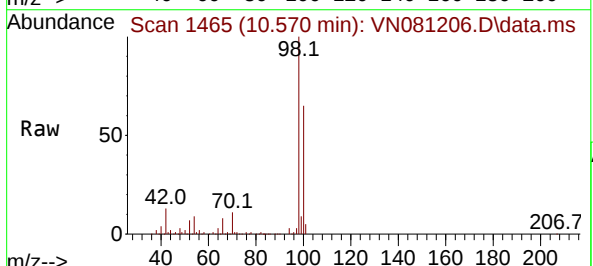
RT: 10.570 min Scan# 1465

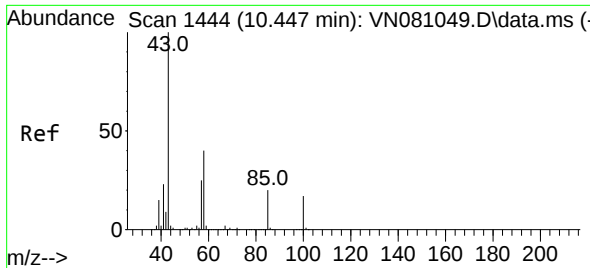
Delta R.T. 0.006 min

Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

Tgt Ion:	98	Resp:	520687
Ion Ratio	Lower	Upper	
98	100		
100	66.4	51.4	77.0





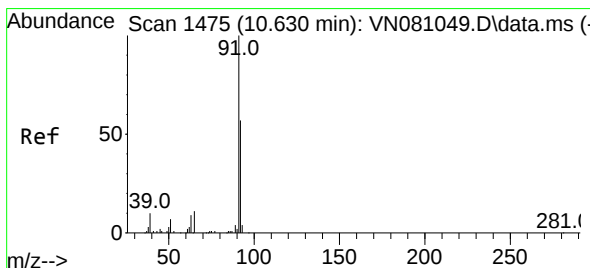
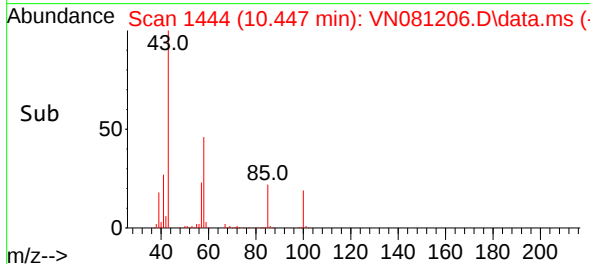
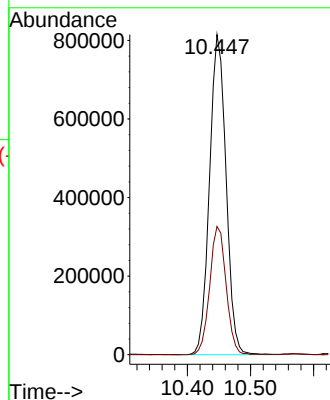
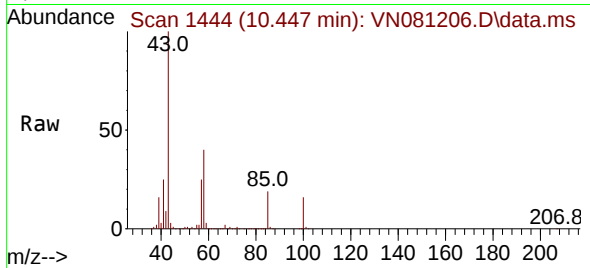
#51
4-Methyl-2-Pentanone
Concen: 317.396 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1479425
Ion Ratio Lower Upper
43 100
58 39.8 29.4 44.0

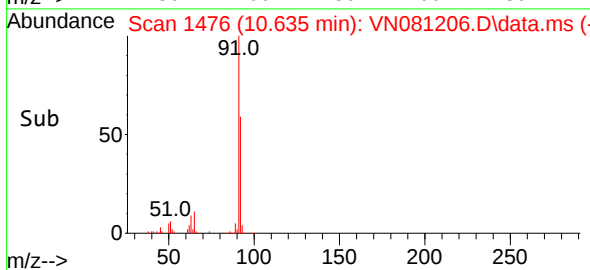
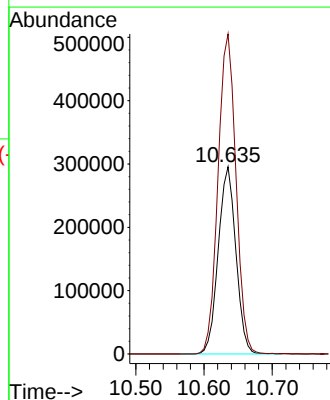
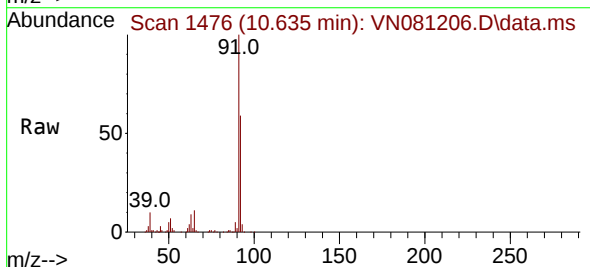
Manual Integrations
APPROVED

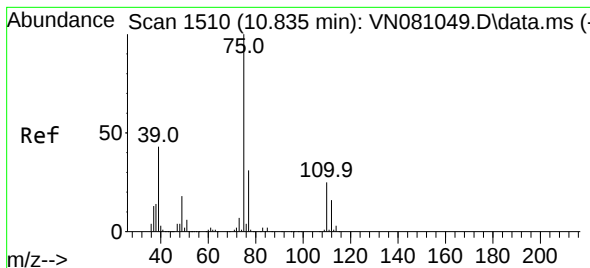
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#52
Toluene
Concen: 56.582 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

Tgt Ion: 92 Resp: 532249
Ion Ratio Lower Upper
92 100
91 174.1 139.4 209.0





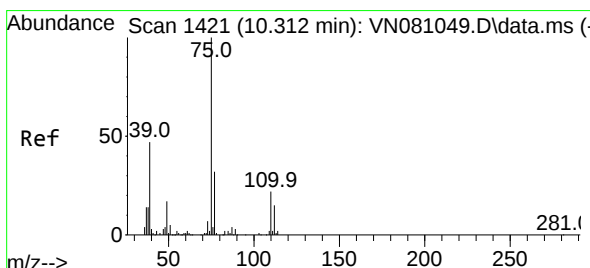
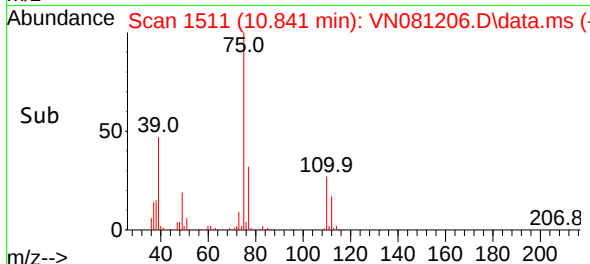
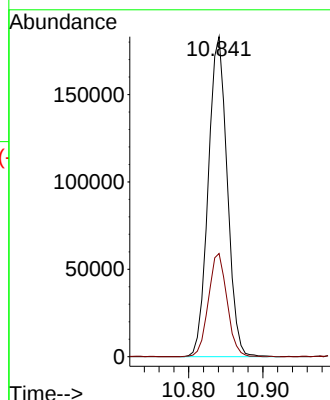
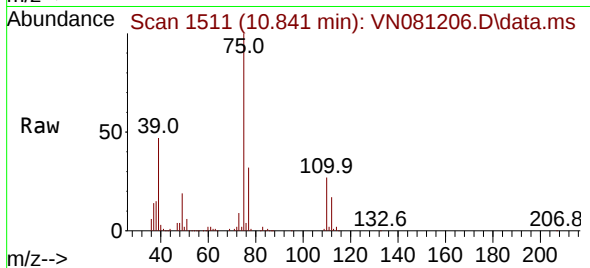
#53
t-1,3-Dichloropropene
Concen: 57.106 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 325485
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3

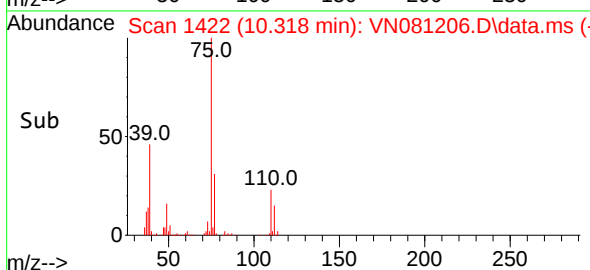
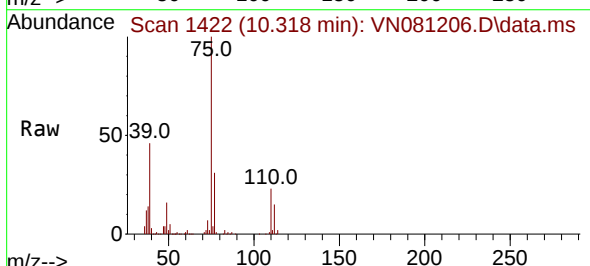
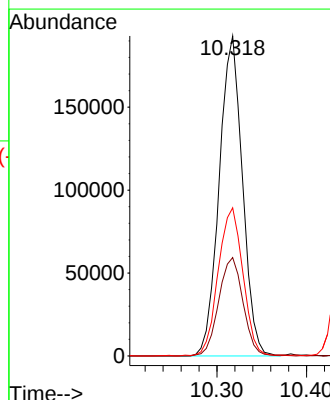
Manual Integrations
APPROVED

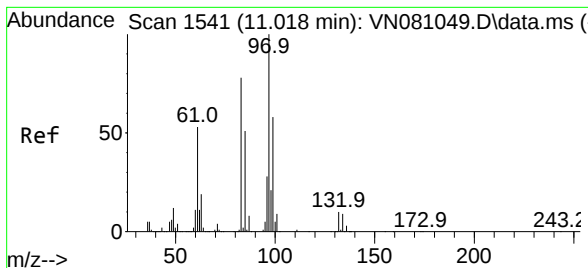
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#54
cis-1,3-Dichloropropene
Concen: 56.357 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

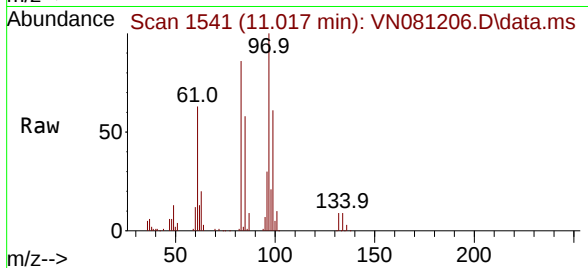
Tgt Ion: 75 Resp: 347054
Ion Ratio Lower Upper
75 100
77 30.8 23.3 34.9
39 46.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 59.205 ug/l
RT: 11.017 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

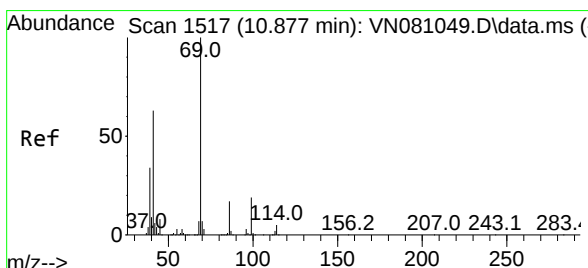
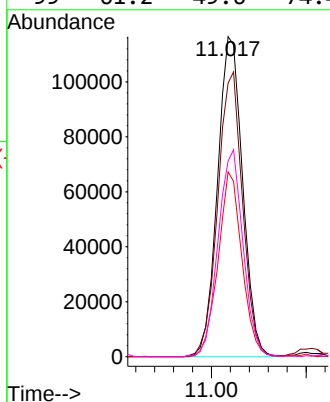
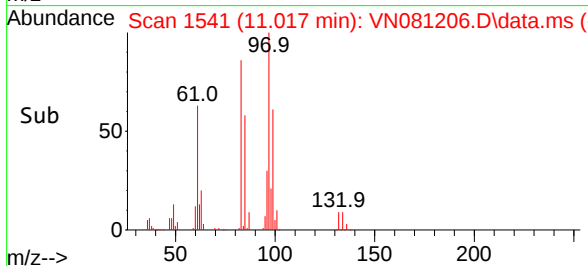
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC



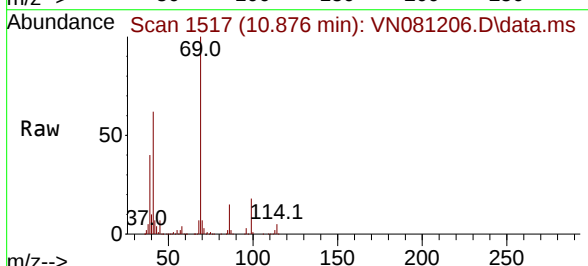
Tgt Ion: 97 Resp: 21420
Ion Ratio Lower Upper
97 100
83 85.5 72.9 109.3
85 57.8 50.2 75.2
99 61.2 49.6 74.4

Manual Integrations
APPROVED

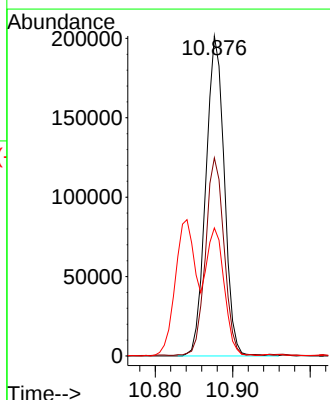
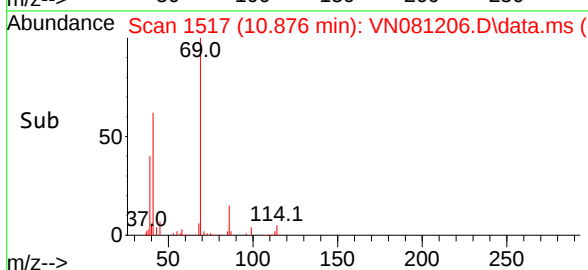
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#56
Ethyl methacrylate
Concen: 60.279 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40



Tgt Ion: 69 Resp: 333307
Ion Ratio Lower Upper
69 100
41 61.6 61.0 91.6
39 38.8 31.8 47.6





#57

1,3-Dichloropropane

Concen: 58.555 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 36630

Ion Ratio Lower Upper

76 100

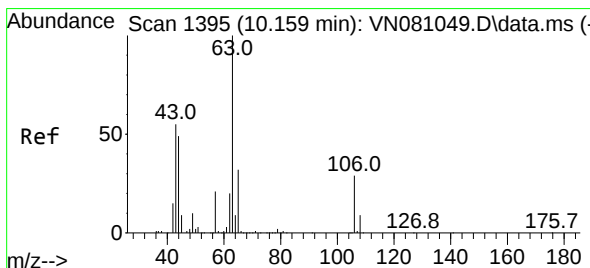
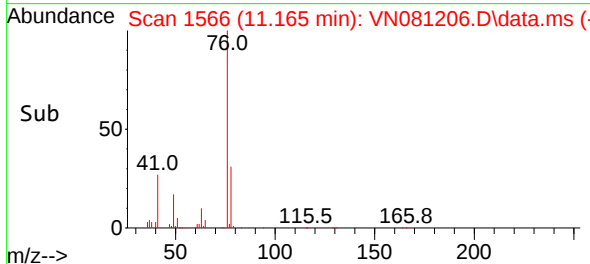
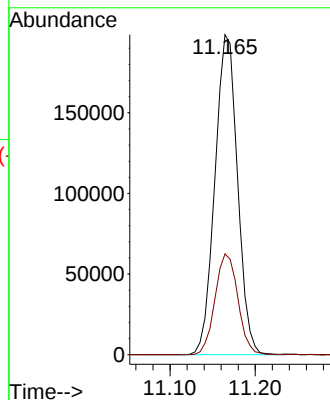
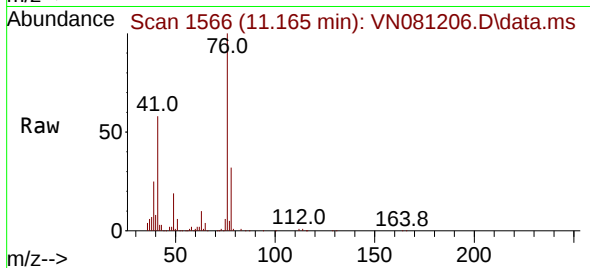
78 31.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#58

2-Chloroethyl Vinyl ether

Concen: 268.978 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081206.D

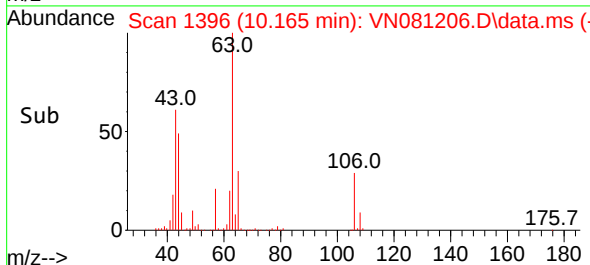
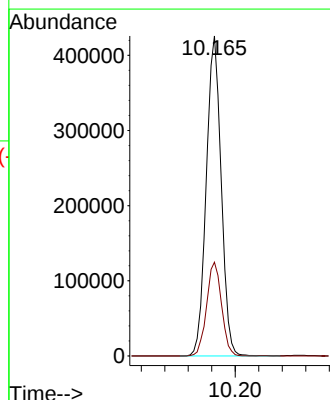
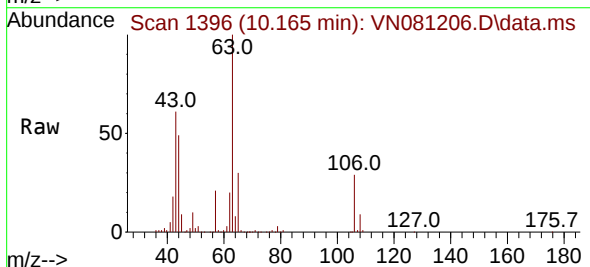
Acq: 26 Feb 2024 19:40

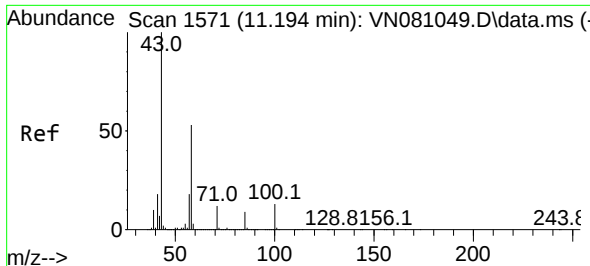
Tgt Ion: 63 Resp: 746245

Ion Ratio Lower Upper

63 100

106 29.4 18.6 28.0#





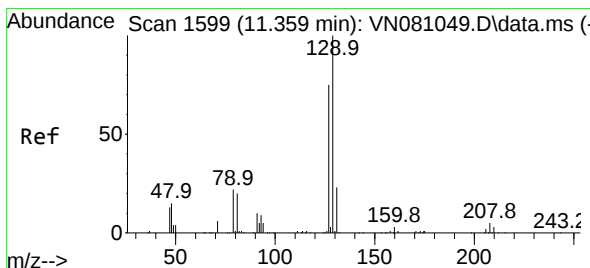
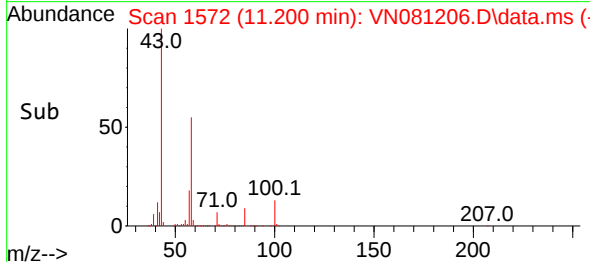
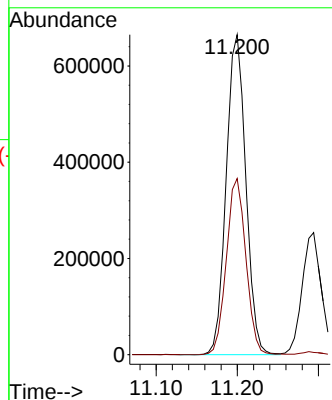
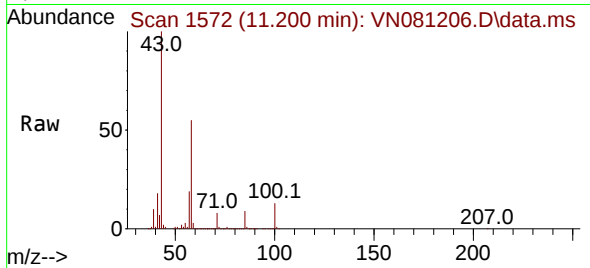
#59
2-Hexanone
Concen: 301.985 ug/l
RT: 11.200 min Scan# 1115940
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1115940
Ion Ratio Lower Upper
43 100
58 54.9 25.9 77.8

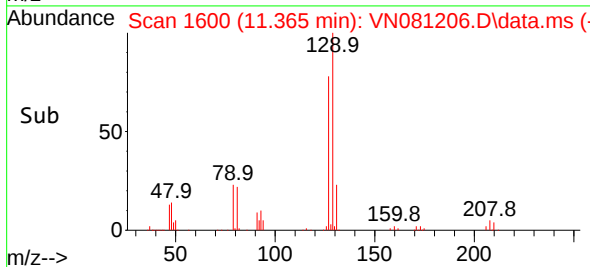
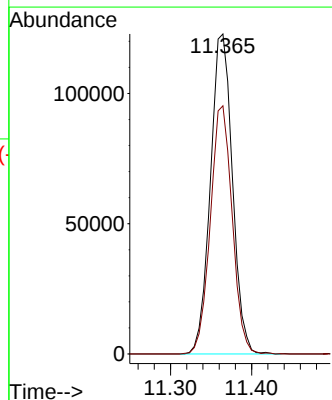
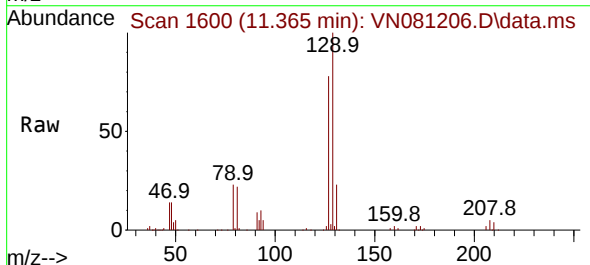
Manual Integrations
APPROVED

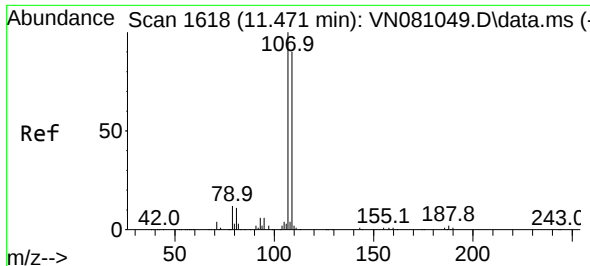
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#60
Dibromochloromethane
Concen: 60.149 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

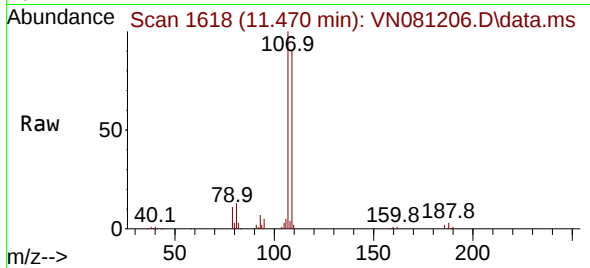
Tgt Ion:129 Resp: 231184
Ion Ratio Lower Upper
129 100
127 77.1 39.4 118.2





#61
1,2-Dibromoethane
Concen: 58.369 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

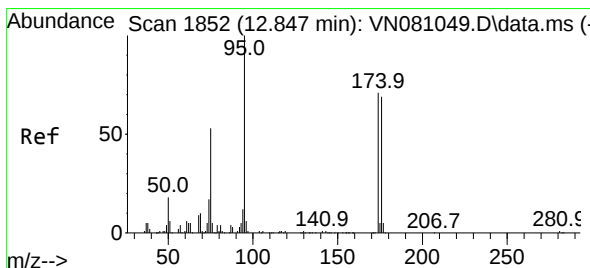
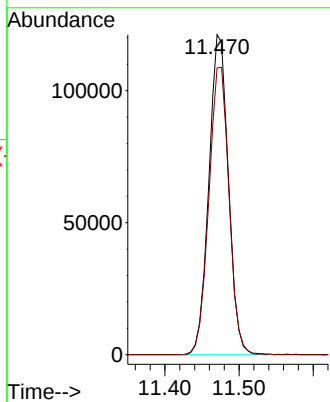
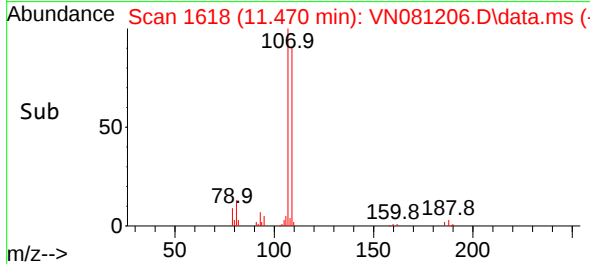
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 222068
Ion Ratio Lower Upper
107 100
109 92.4 73.4 110.2

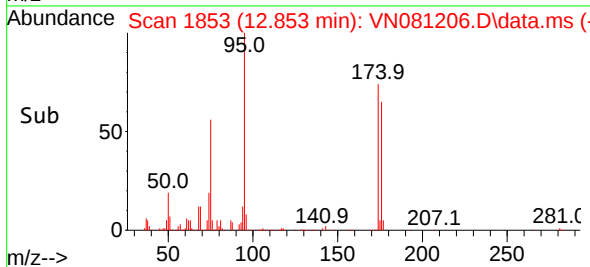
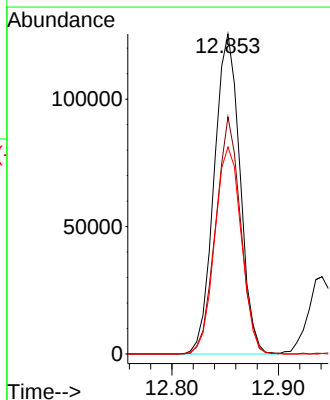
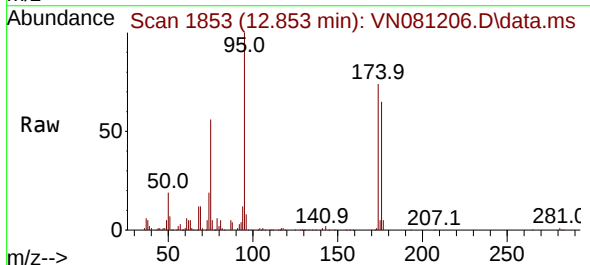
Manual Integrations
APPROVED

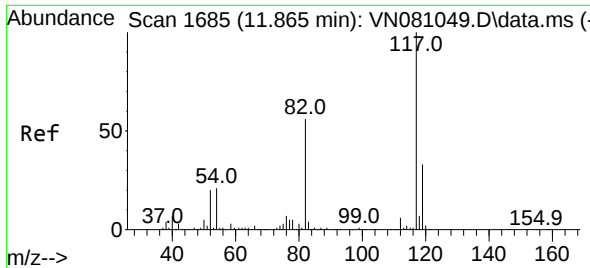
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#62
4-Bromofluorobenzene
Concen: 52.720 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

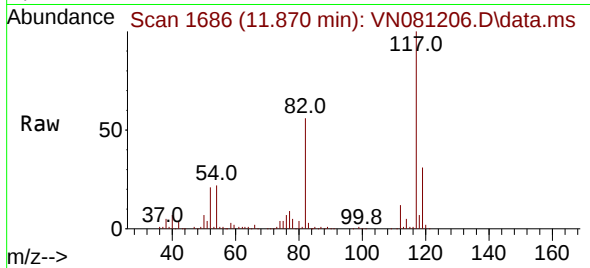
Tgt Ion: 95 Resp: 210821
Ion Ratio Lower Upper
95 100
174 71.4 0.0 120.4
176 66.8 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

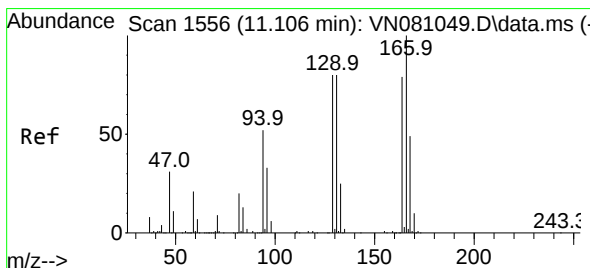
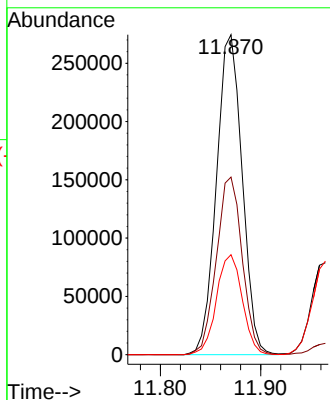
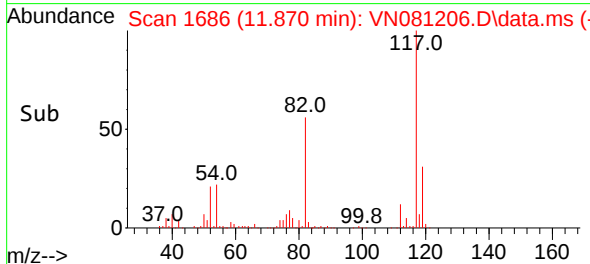
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 48854
Ion Ratio Lower Upper
117 100
82 55.5 52.7 79.1
119 31.2 25.3 37.9

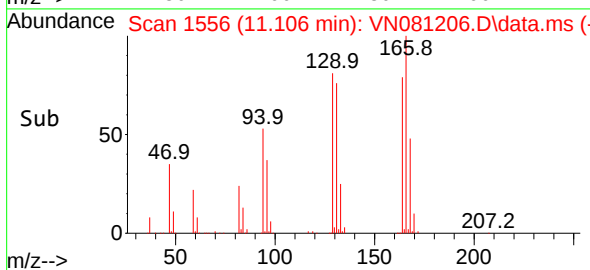
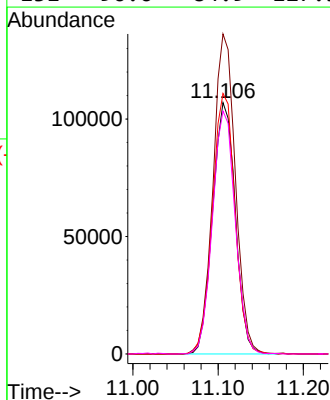
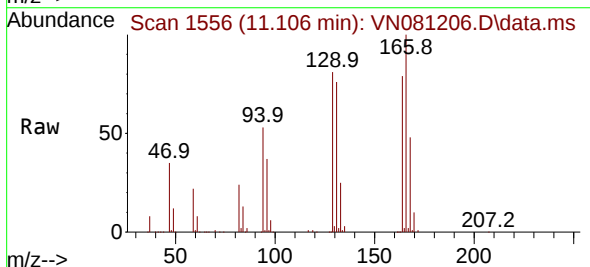
Manual Integrations
APPROVED

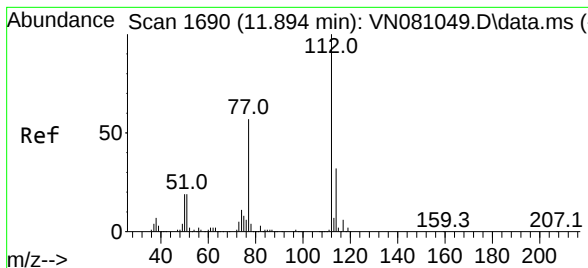
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#64
Tetrachloroethene
Concen: 59.388 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

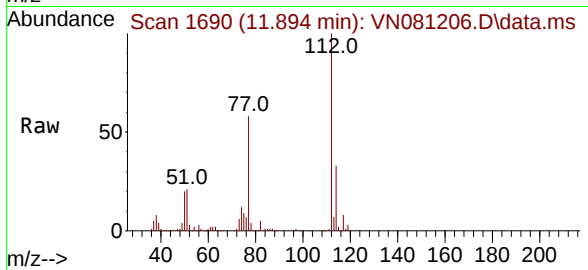
Tgt Ion:164 Resp: 198017
Ion Ratio Lower Upper
164 100
166 127.3 105.8 158.6
129 103.7 89.6 134.4
131 96.6 84.9 127.3





#65
Chlorobenzene
Concen: 53.041 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

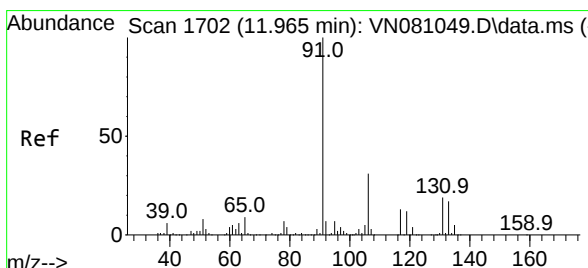
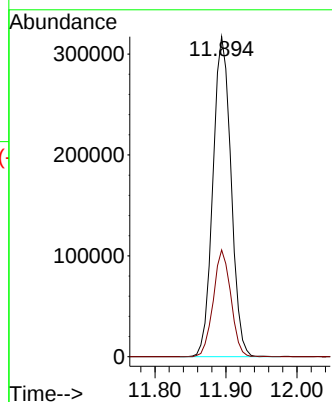
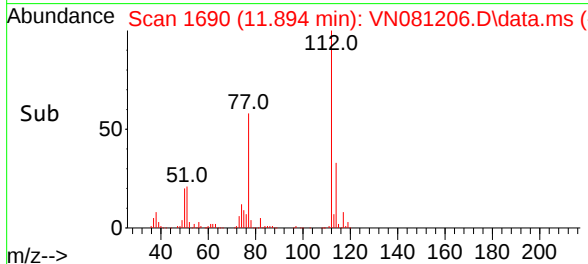
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



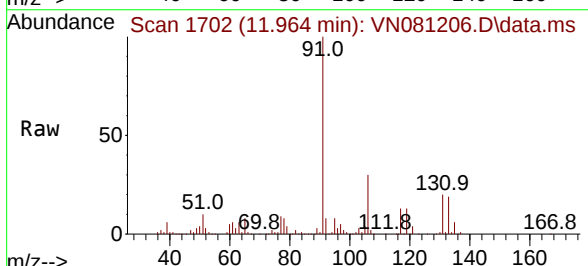
Tgt Ion:112 Resp: 560829
Ion Ratio Lower Upper
112 100
114 33.3 23.7 35.5

Manual Integrations
APPROVED

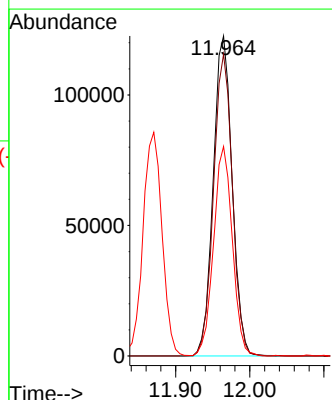
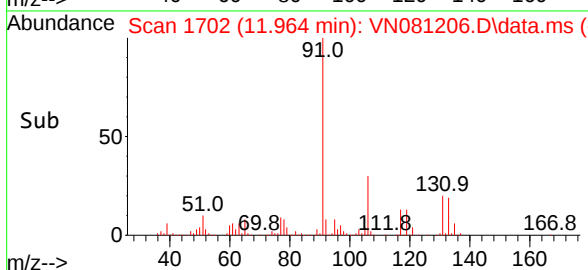
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

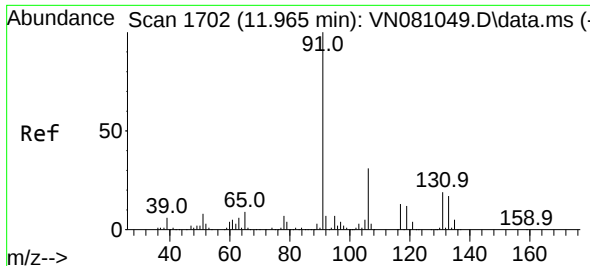


#66
1,1,1,2-Tetrachloroethane
Concen: 57.286 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40



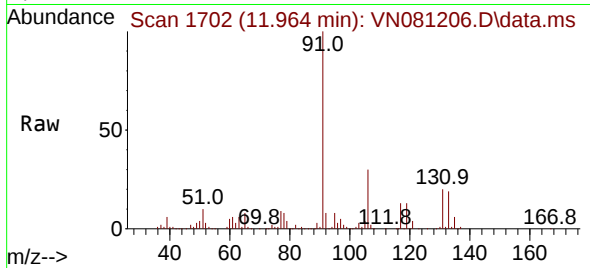
Tgt Ion:131 Resp: 217559
Ion Ratio Lower Upper
131 100
133 93.8 46.8 140.3
119 64.9 34.6 103.9





#67
Ethyl Benzene
Concen: 55.673 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

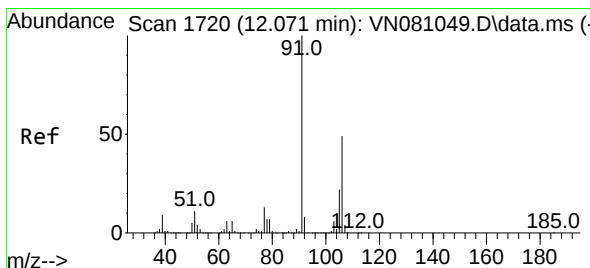
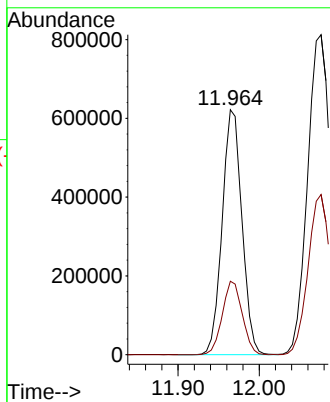
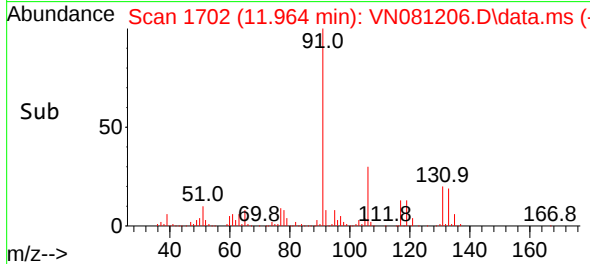
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



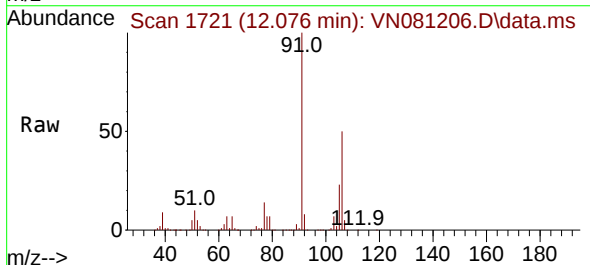
Tgt Ion: 91 Resp: 105335
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6

Manual Integrations
APPROVED

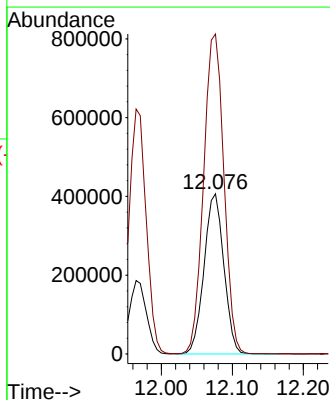
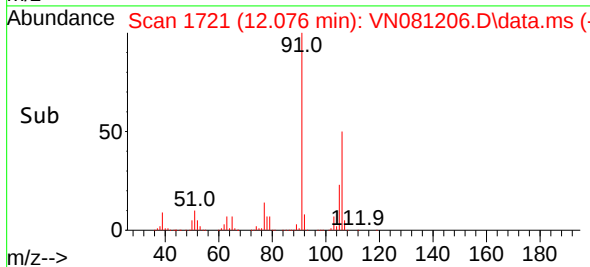
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

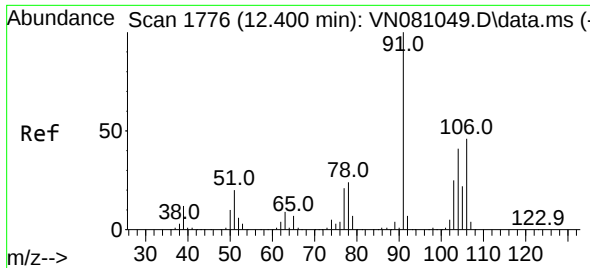


#68
m/p-Xylenes
Concen: 108.636 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40



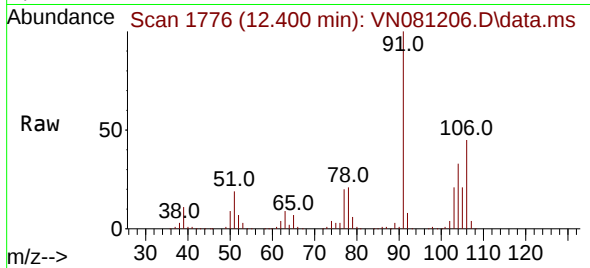
Tgt Ion:106 Resp: 787852
Ion Ratio Lower Upper
106 100
91 204.2 169.0 253.6





#69
o-Xylene
Concen: 53.967 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

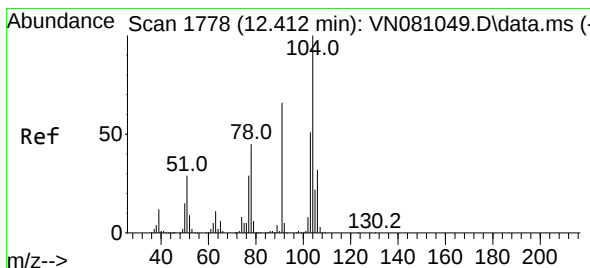
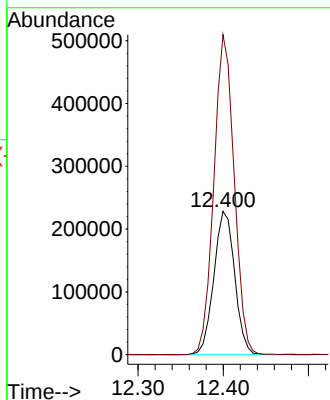
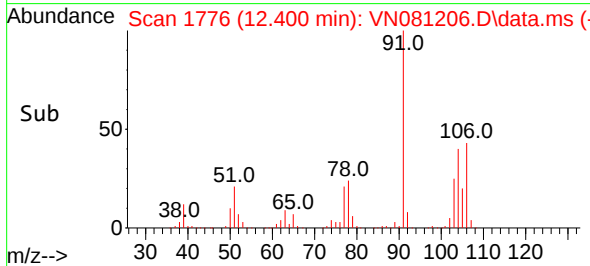
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 387950
Ion Ratio Lower Upper
106 100
91 217.8 112.1 336.3

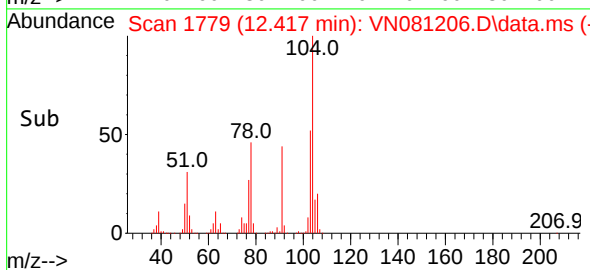
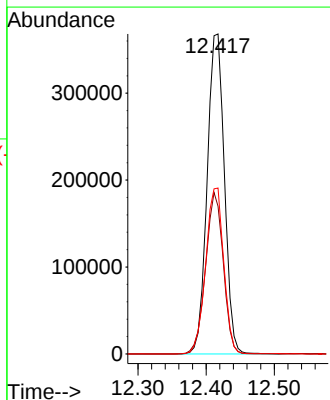
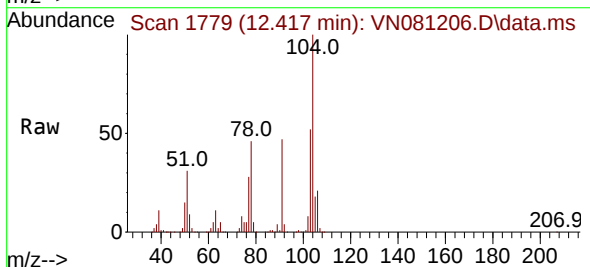
Manual Integrations
APPROVED

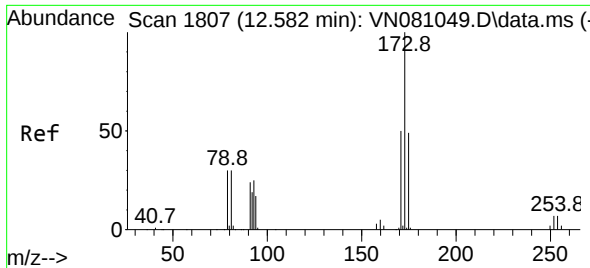
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#70
Styrene
Concen: 56.885 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

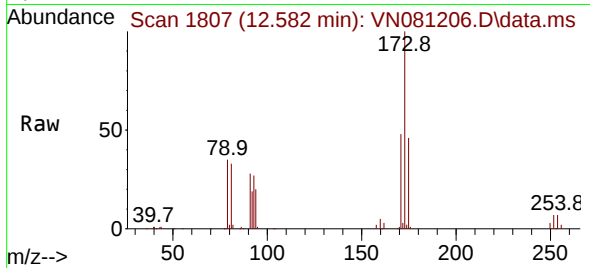
Tgt Ion:104 Resp: 648009
Ion Ratio Lower Upper
104 100
78 51.7 43.8 65.8
103 54.3 44.2 66.2





#71
Bromoform
Concen: 62.517 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

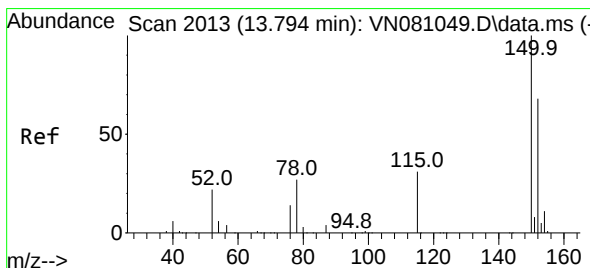
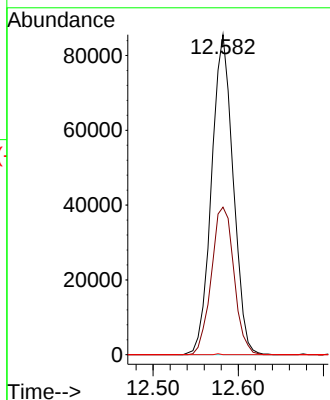
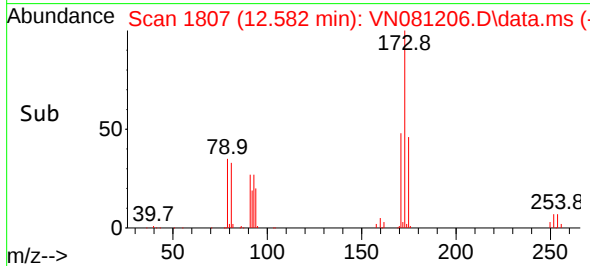
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



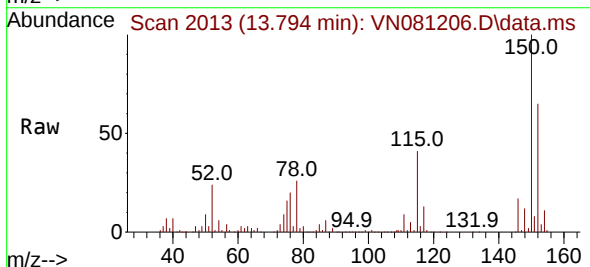
Tgt Ion:173 Resp: 150632
Ion Ratio Lower Upper
173 100
175 48.2 23.1 69.2
254 0.1 0.0 0.0

Manual Integrations
APPROVED

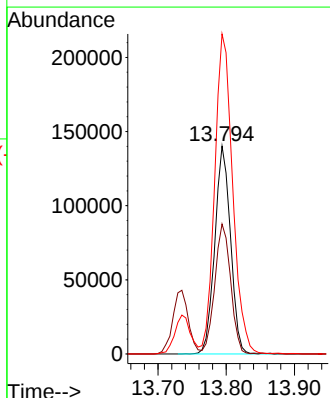
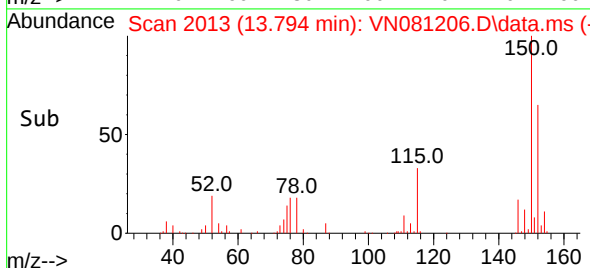
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

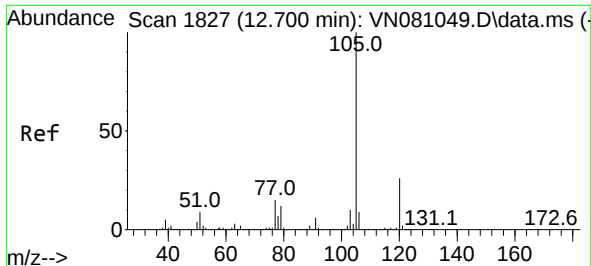


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40



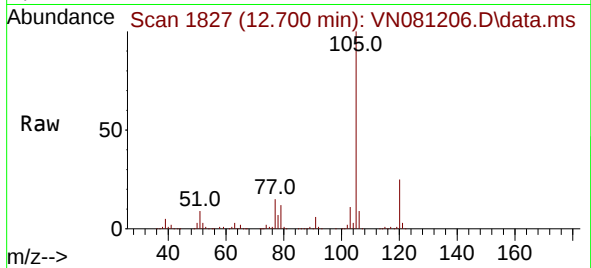
Tgt Ion:152 Resp: 225320
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 175.0 0.0 339.8





#73
Isopropylbenzene
Concen: 52.157 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

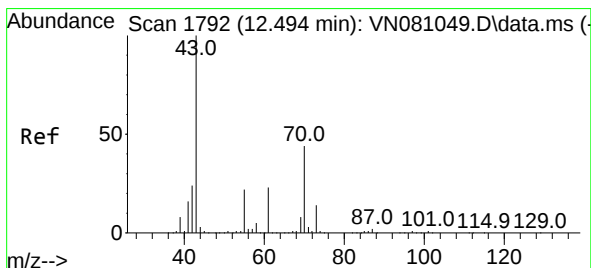
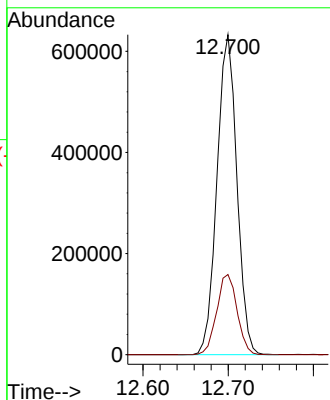
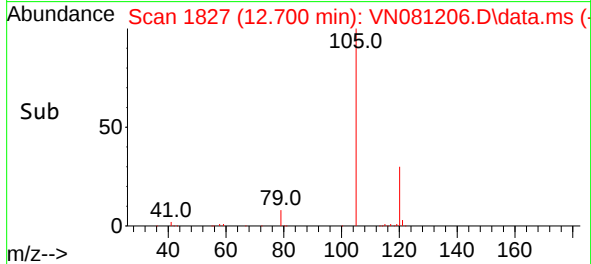
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1028219
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.6

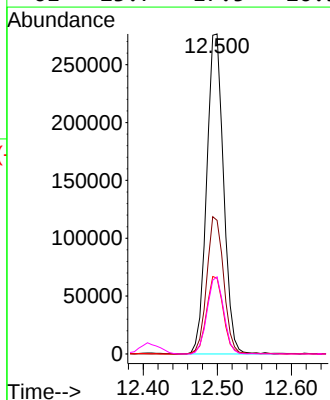
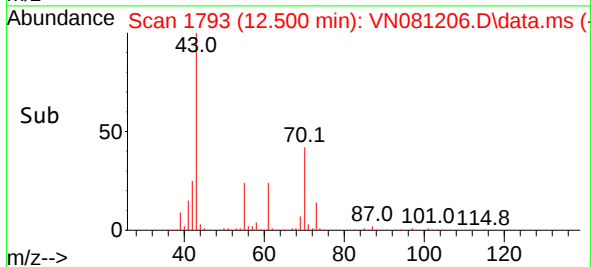
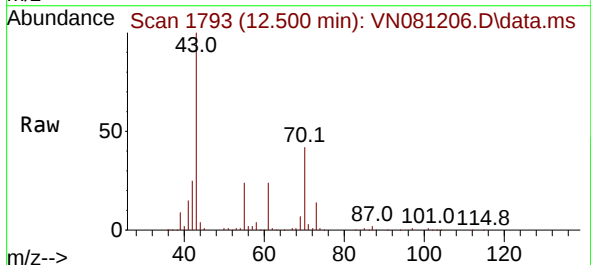
Manual Integrations
APPROVED

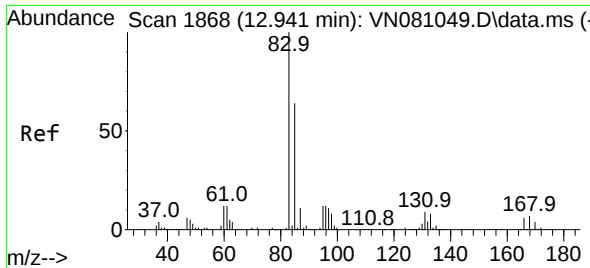
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#74
N-ethyl acetate
Concen: 52.648 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

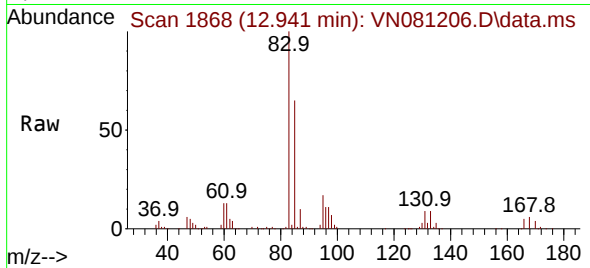
Tgt Ion: 43 Resp: 438656
Ion Ratio Lower Upper
43 100
70 42.9 30.1 45.1
55 24.1 17.0 25.4
61 23.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 55.498 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

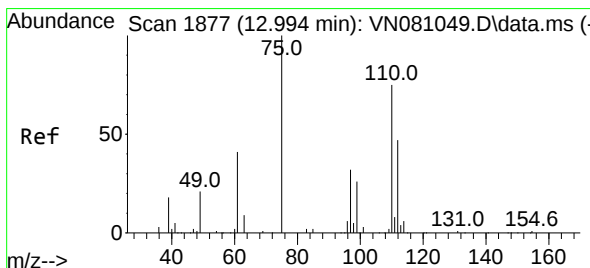
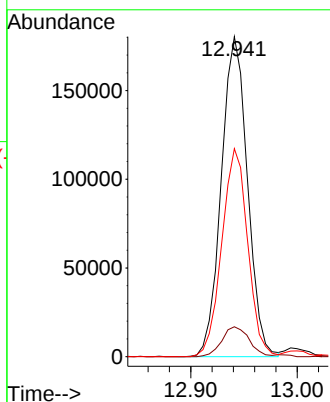
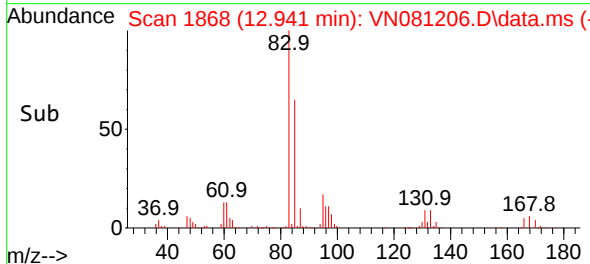
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



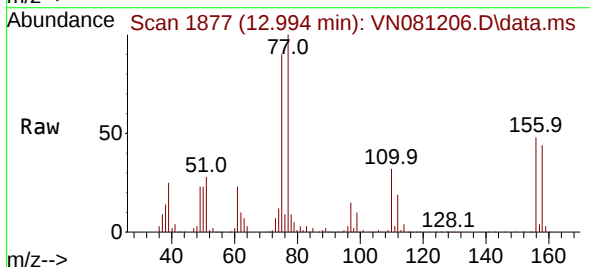
Tgt Ion: 83 Resp: 30764
Ion Ratio Lower Upper
83 100
131 9.8 4.1 12.3
85 64.3 32.1 96.3

Manual Integrations
APPROVED

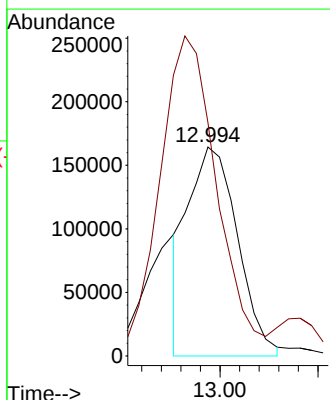
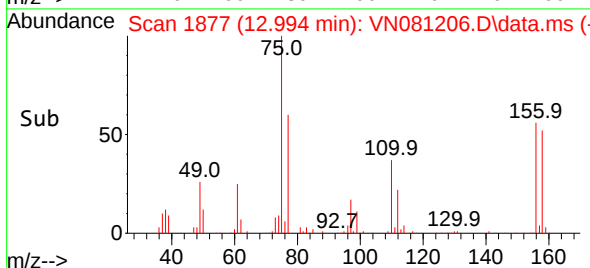
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

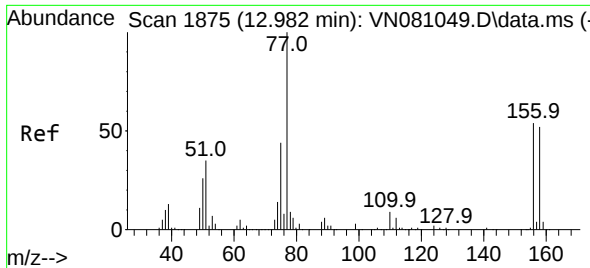


#76
1,2,3-Trichloropropane
Concen: 56.499 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40



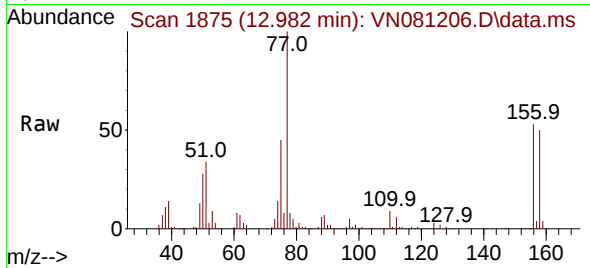
Tgt Ion: 75 Resp: 289244
Ion Ratio Lower Upper
75 100
77 177.1 91.0 272.8





#77
Bromobenzene
Concen: 52.127 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

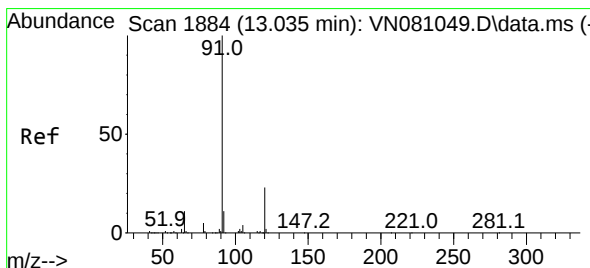
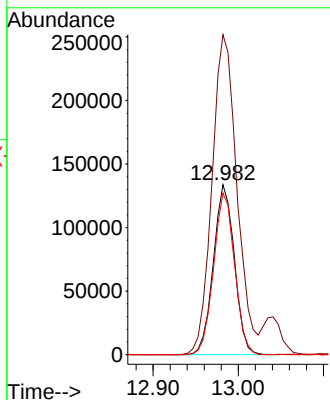
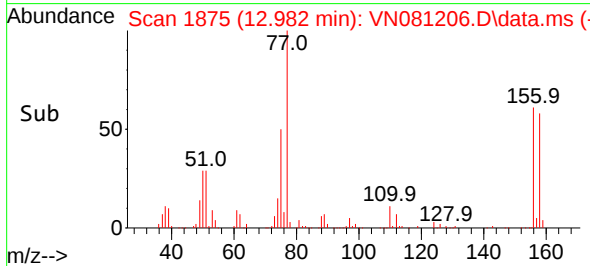
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



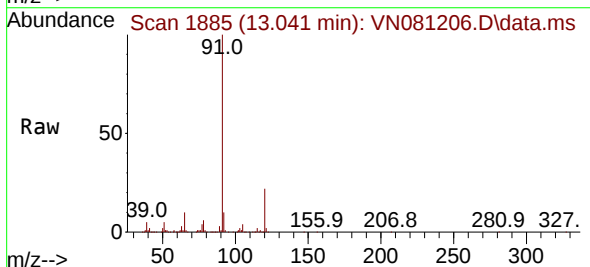
Tgt Ion:156 Resp: 22913
Ion Ratio Lower Upper
156 100
77 223.5 138.1 414.3
158 95.0 46.5 139.5

Manual Integrations
APPROVED

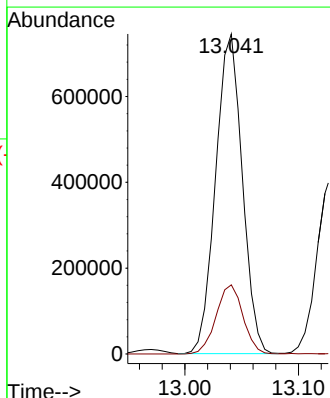
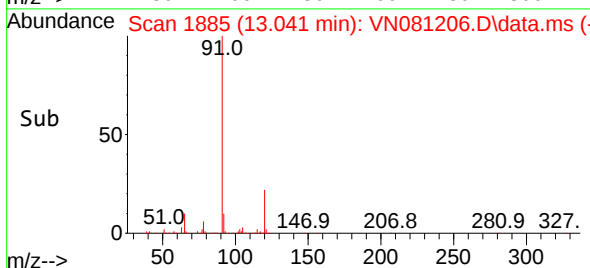
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

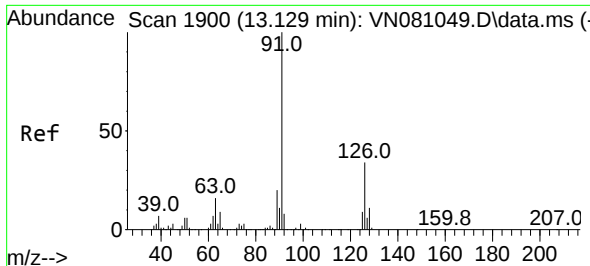


#78
n-propylbenzene
Concen: 53.557 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40



Tgt Ion: 91 Resp: 1215439
Ion Ratio Lower Upper
91 100
120 21.7 10.3 30.9





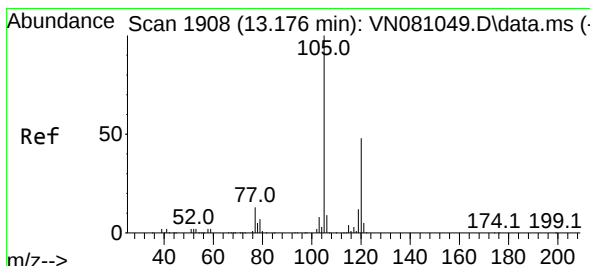
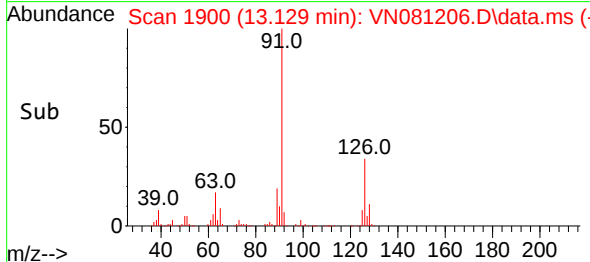
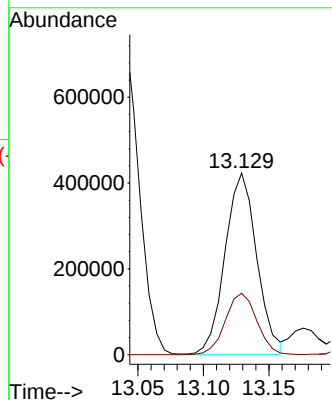
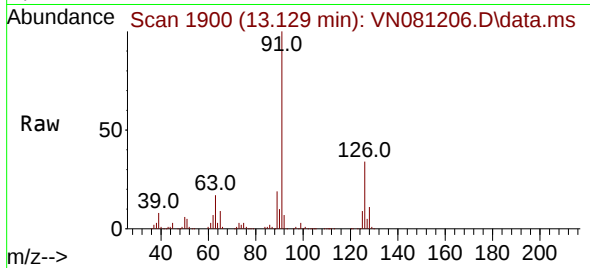
#79
2-Chlorotoluene
Concen: 51.035 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 710420
Ion Ratio Lower Upper
91 100
126 33.7 14.8 44.4

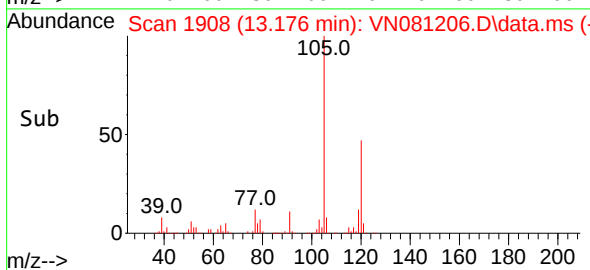
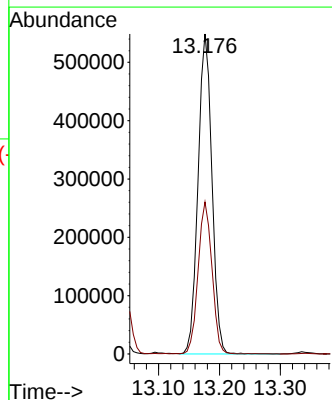
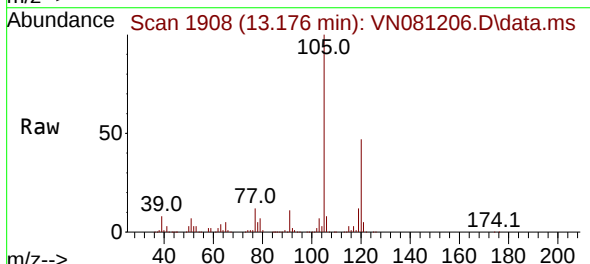
Manual Integrations
APPROVED

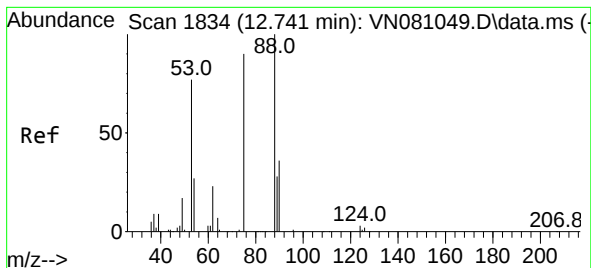
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#80
1,3,5-Trimethylbenzene
Concen: 54.387 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

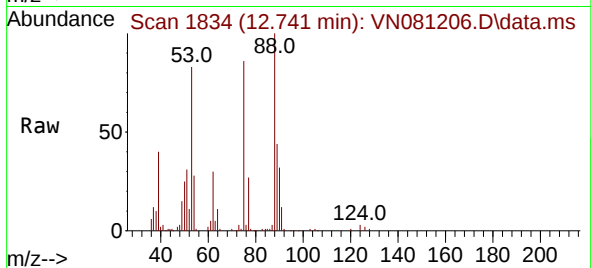
Tgt Ion:105 Resp: 869324
Ion Ratio Lower Upper
105 100
120 47.2 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 51.196 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

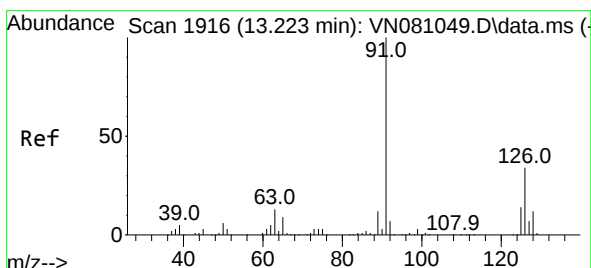
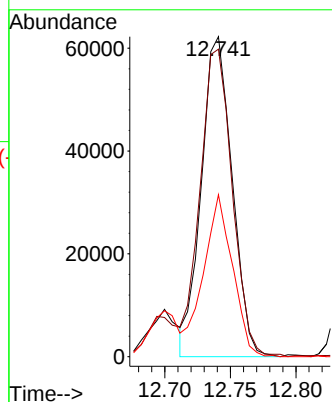
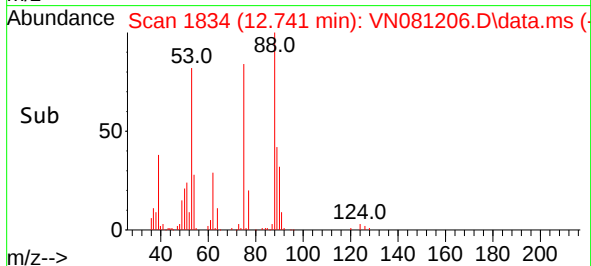
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



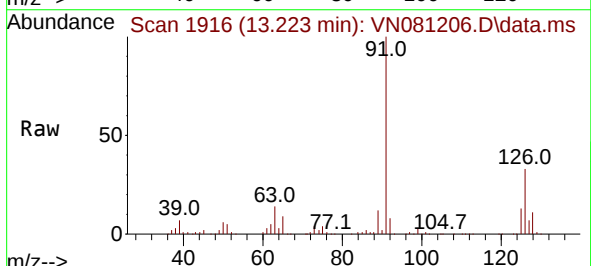
Tgt Ion: 75 Resp: 101827
Ion Ratio Lower Upper
75 100
53 100.4 71.4 107.2
89 48.0 33.4 50.0

Manual Integrations
APPROVED

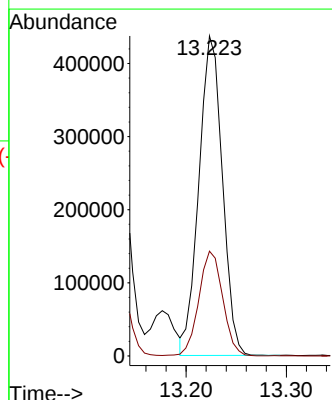
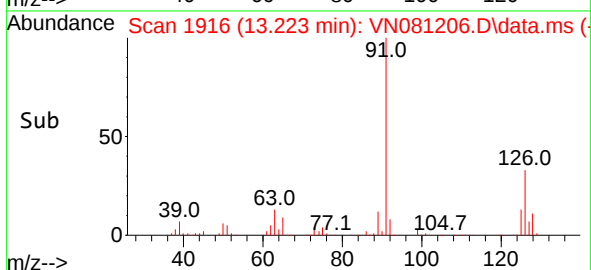
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

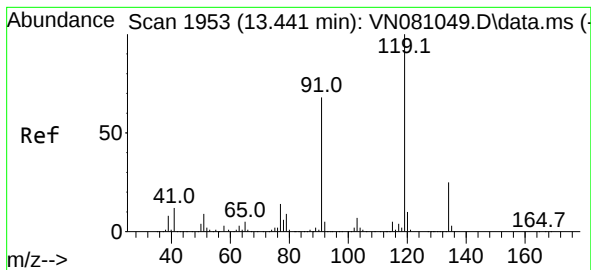


#82
4-Chlorotoluene
Concen: 52.232 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40



Tgt Ion: 91 Resp: 710931
Ion Ratio Lower Upper
91 100
126 33.4 15.3 45.9





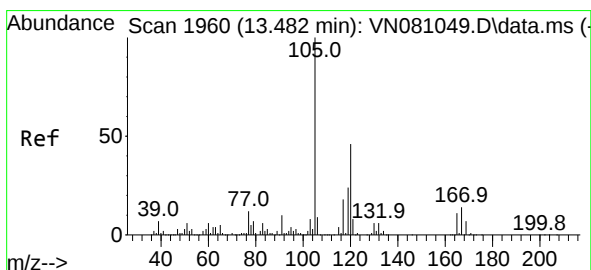
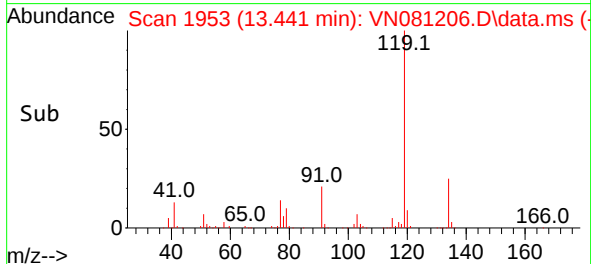
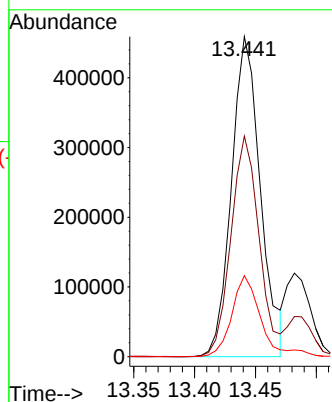
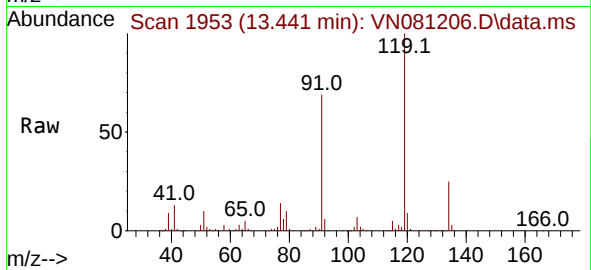
#83
tert-Butylbenzene
Concen: 54.849 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 758064
Ion Ratio Lower Upper
119 100
91 67.4 36.8 110.4
134 25.4 12.4 37.4

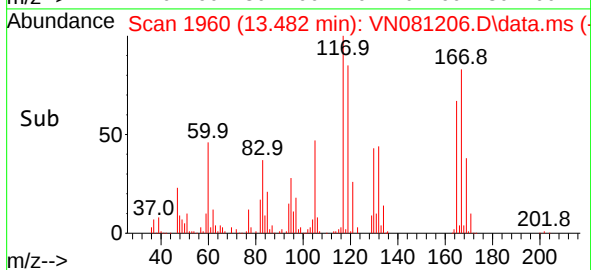
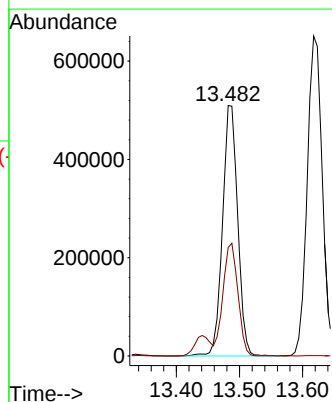
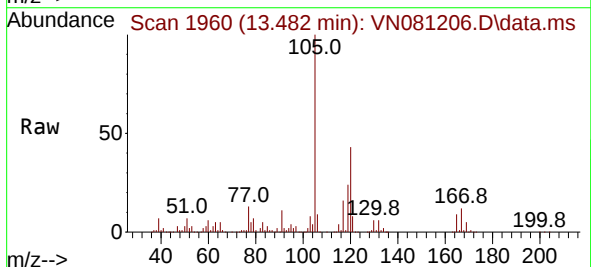
Manual Integrations
APPROVED

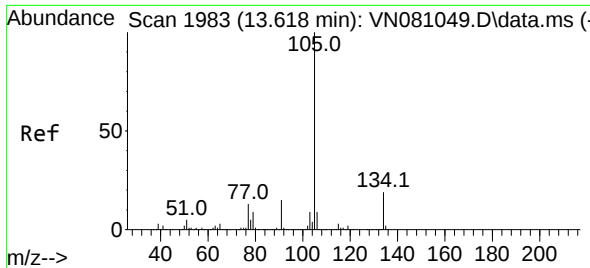
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#84
1,2,4-Trimethylbenzene
Concen: 53.560 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

Tgt Ion:105 Resp: 853088
Ion Ratio Lower Upper
105 100
120 44.3 20.9 62.7





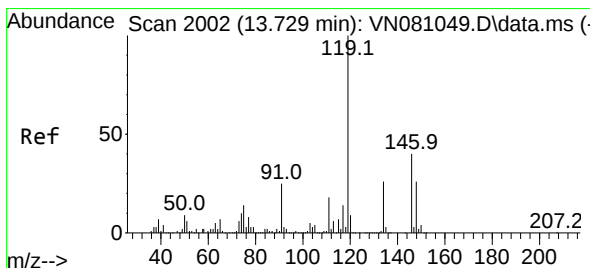
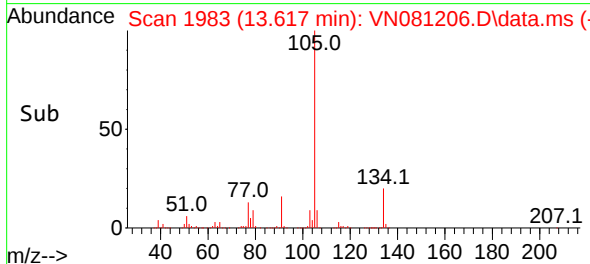
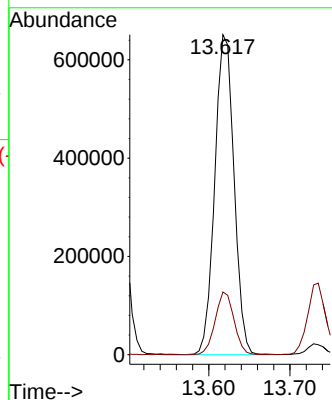
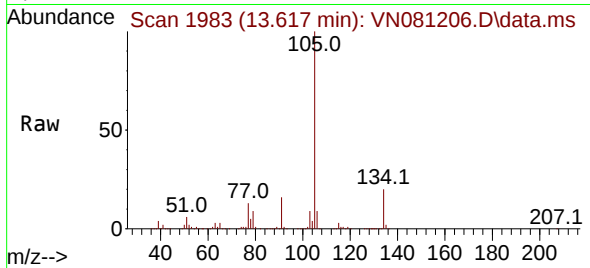
#85
 sec-Butylbenzene
 Concen: 55.849 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081206.D
 Acq: 26 Feb 2024 19:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 107307
 Ion Ratio Lower Upper
 105 100
 134 19.2 8.6 25.8

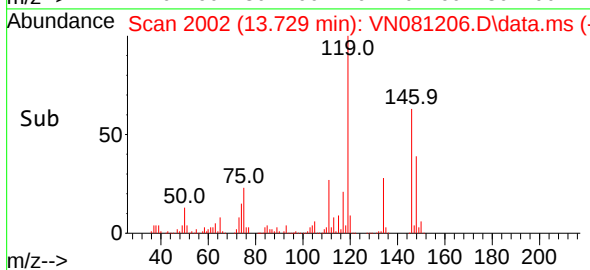
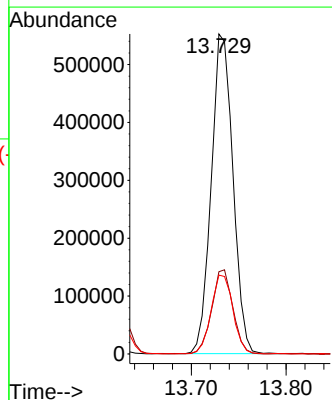
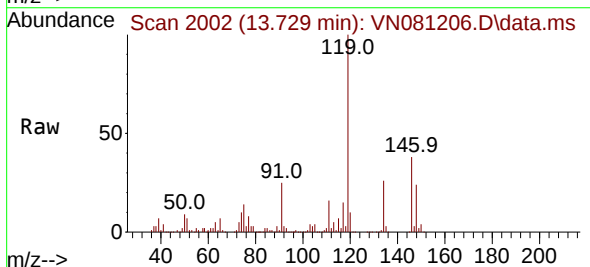
Manual Integrations
 APPROVED

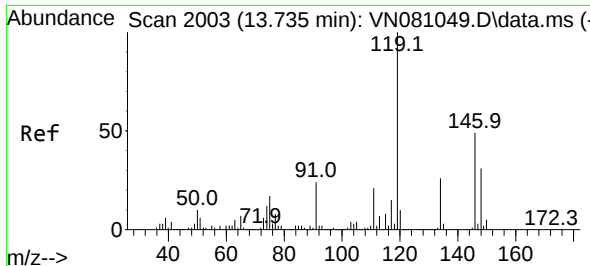
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024



#86
 p-Isopropyltoluene
 Concen: 54.986 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081206.D
 Acq: 26 Feb 2024 19:40

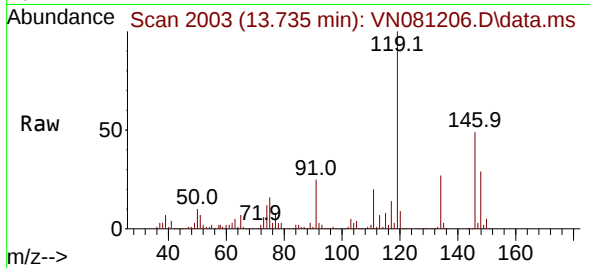
Tgt Ion:119 Resp: 877554
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.4 37.2
 91 24.8 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 51.674 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

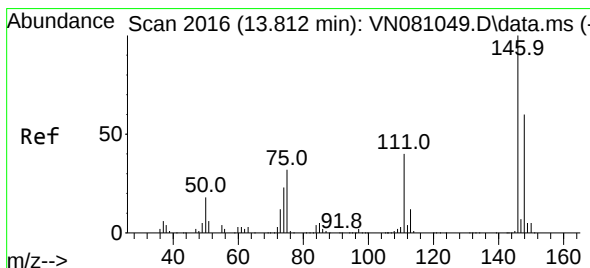
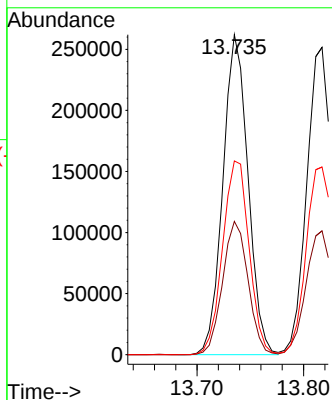
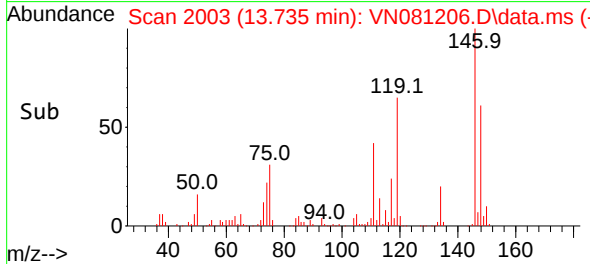
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 42917
Ion Ratio Lower Upper
146 100
111 42.2 23.9 71.7
148 63.9 32.6 97.7

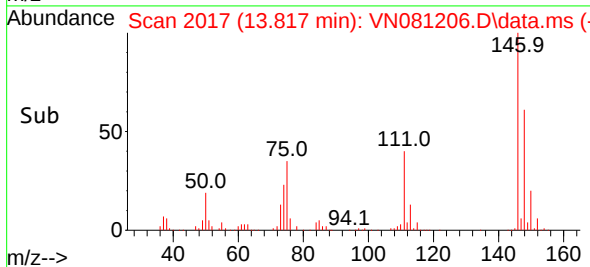
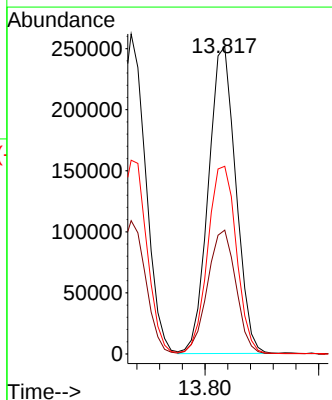
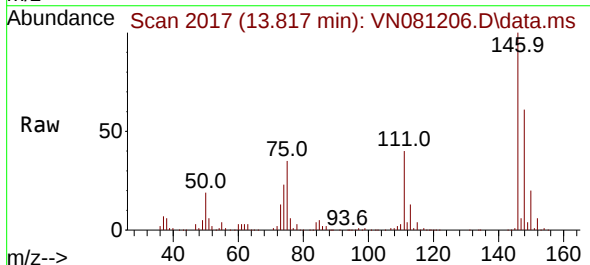
Manual Integrations
APPROVED

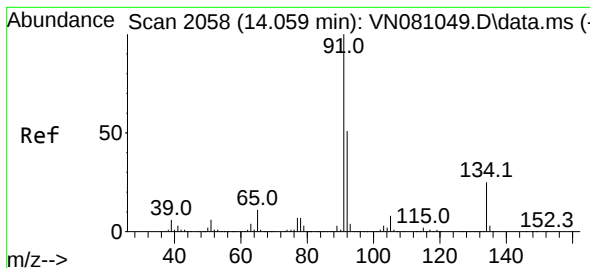
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#88
1,4-Dichlorobenzene
Concen: 51.664 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

Tgt Ion:146 Resp: 421630
Ion Ratio Lower Upper
146 100
111 41.5 22.6 67.7
148 63.8 31.9 95.5





#89

n-Butylbenzene

Concen: 55.652 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081206.D

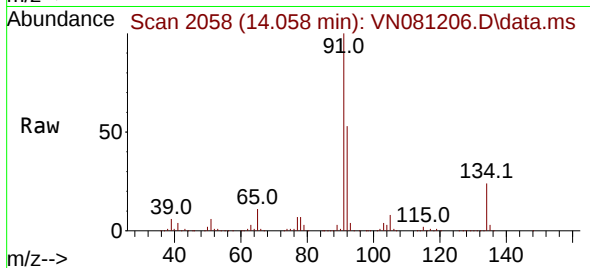
Acq: 26 Feb 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 91 Resp: 773772

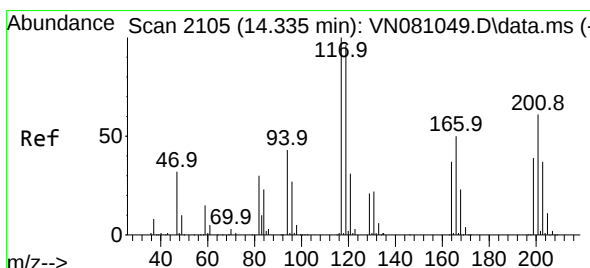
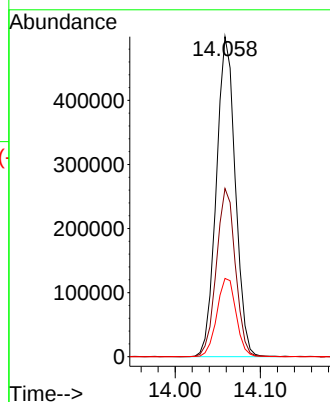
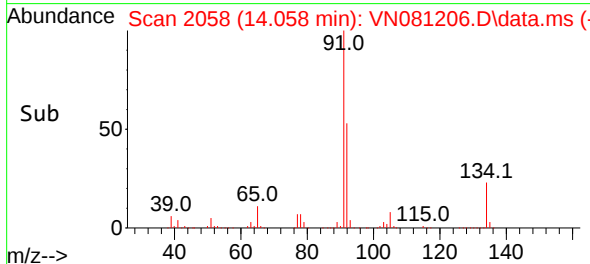
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.7	80.1
134	24.9	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#90

Hexachloroethane

Concen: 59.336 ug/l

RT: 14.335 min Scan# 2105

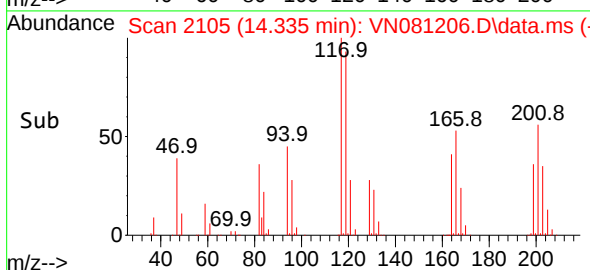
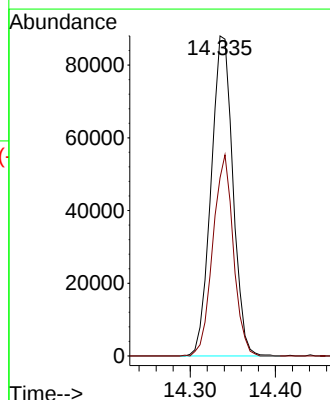
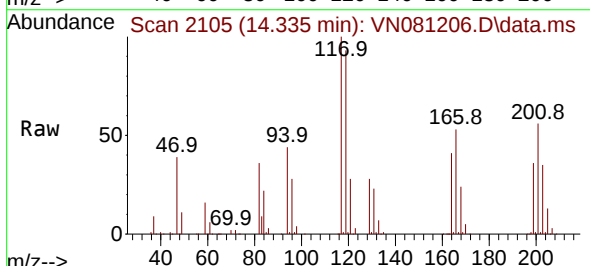
Delta R.T. -0.000 min

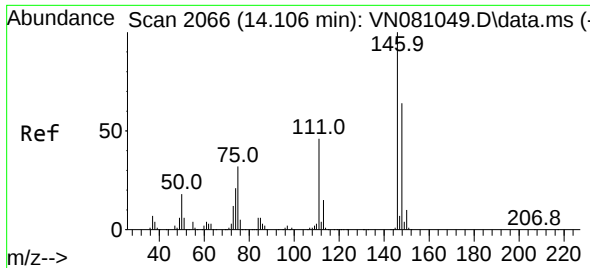
Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

Tgt Ion:117 Resp: 156529

Ion	Ratio	Lower	Upper
117	100		
201	59.0	30.0	90.0





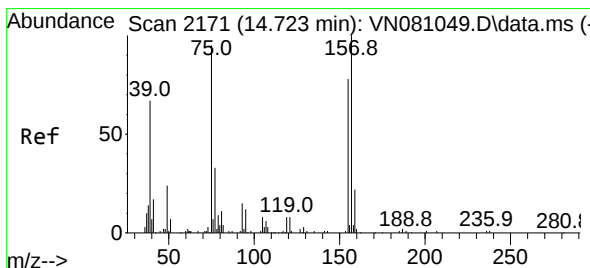
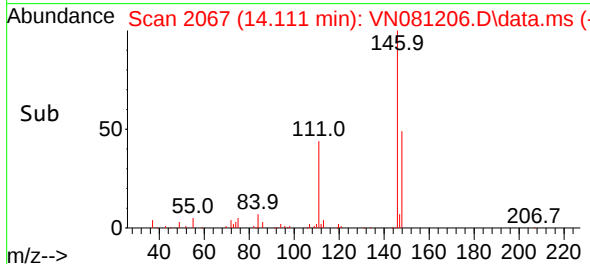
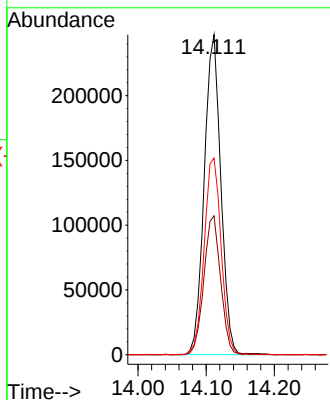
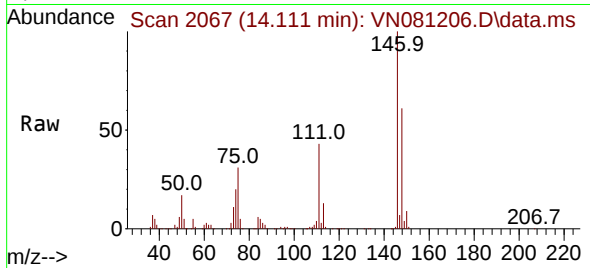
#91
1,2-Dichlorobenzene
Concen: 52.314 ug/l
RT: 14.111 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 41905
Ion Ratio Lower Upper
146 100
111 43.7 23.9 71.8
148 62.8 31.4 94.0

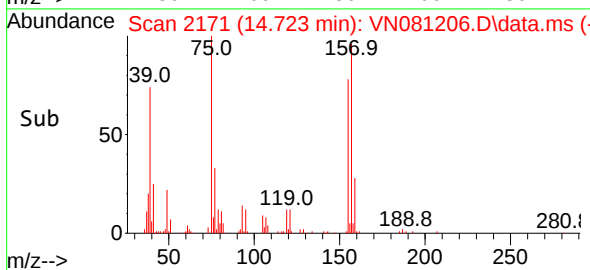
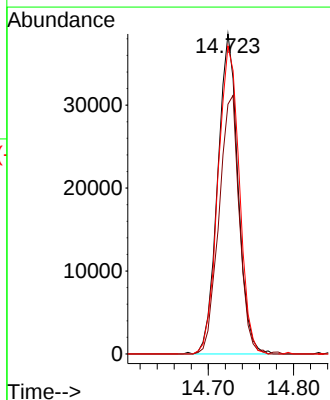
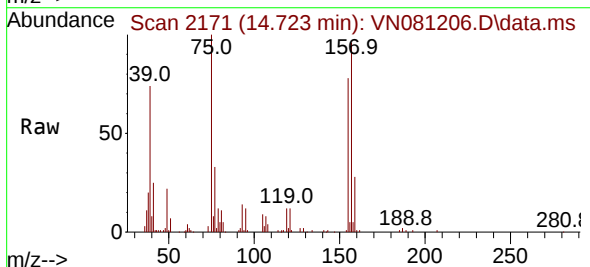
Manual Integrations
APPROVED

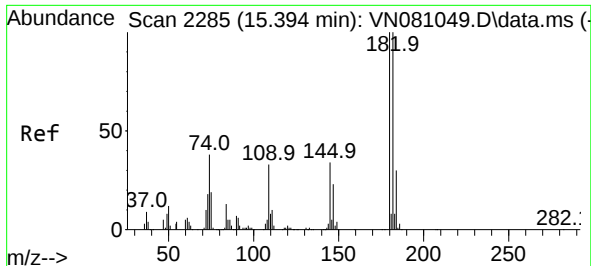
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.610 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

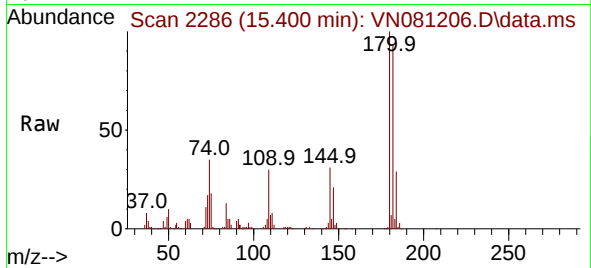
Tgt Ion: 75 Resp: 64092
Ion Ratio Lower Upper
75 100
155 81.3 31.8 95.4
157 101.0 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 52.869 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40

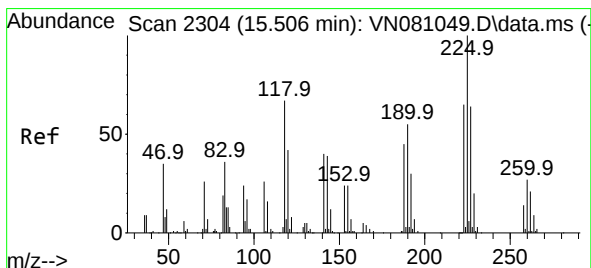
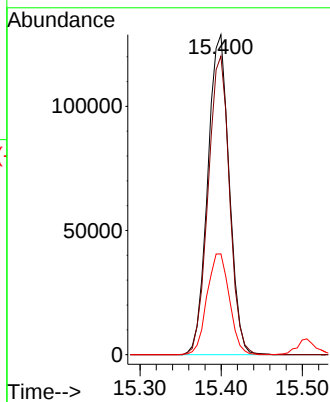
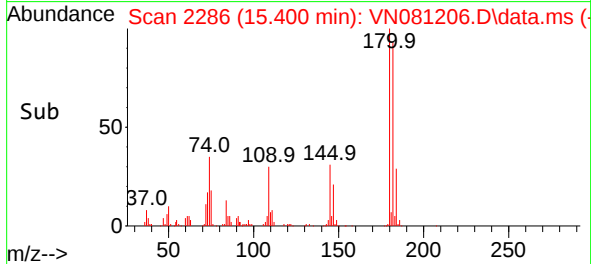
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



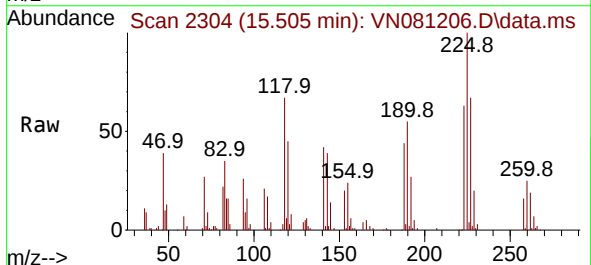
Tgt Ion:180 Resp: 236270
Ion Ratio Lower Upper
180 100
182 93.1 46.6 139.7
145 32.9 16.8 50.3

Manual Integrations
APPROVED

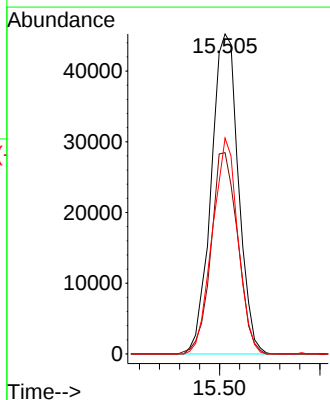
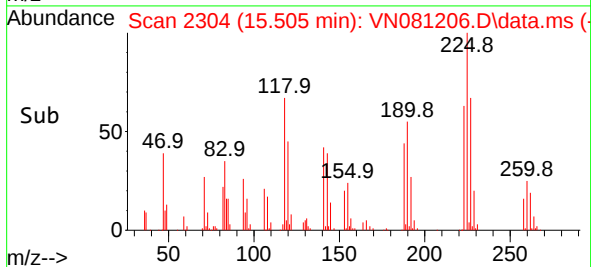
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

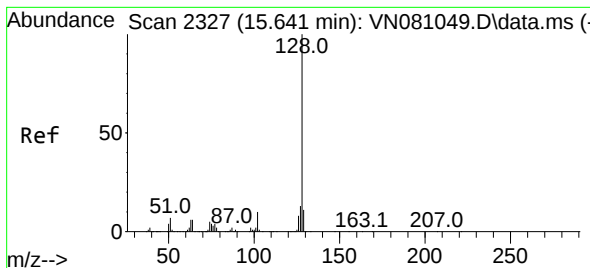


#94
Hexachlorobutadiene
Concen: 51.200 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN081206.D
Acq: 26 Feb 2024 19:40



Tgt Ion:225 Resp: 85334
Ion Ratio Lower Upper
225 100
223 61.9 33.3 99.8
227 63.1 33.1 99.2





#95

Naphthalene

Concen: 53.303 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

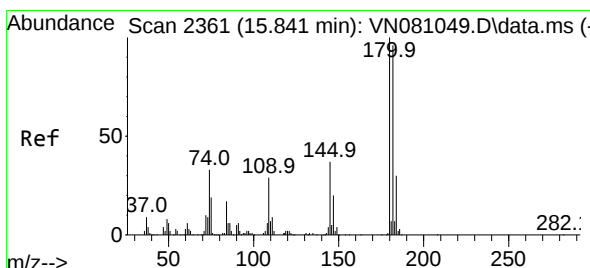
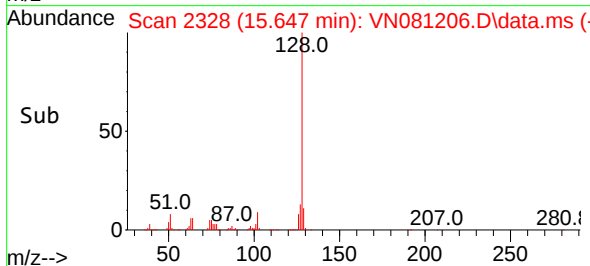
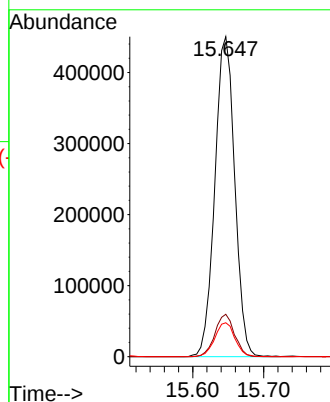
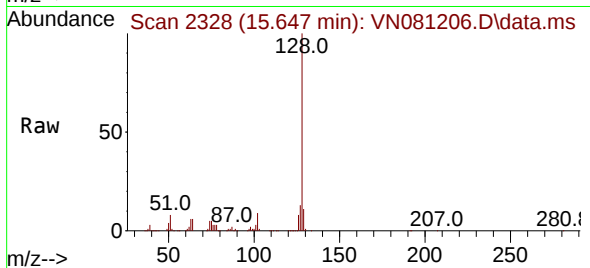
Tgt Ion:128 Resp: 872915
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.0 15.0
 129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#96

1,2,3-Trichlorobenzene

Concen: 53.178 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081206.D

Acq: 26 Feb 2024 19:40

Tgt Ion:180 Resp: 235754
 Ion Ratio Lower Upper
 180 100
 182 93.5 46.5 139.3
 145 35.0 17.8 53.4

