

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083565.D
 Acq On : 30 Aug 2024 09:18
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2024
 Supervised By : Mahesh Dadoda 09/03/2024

Quant Time: Aug 31 00:32:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	196434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	343039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145191	52.886	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.780%			
35) Dibromofluoromethane	8.165	113	105888	51.286	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	10.565	98	405553	50.375	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.740%			
62) 4-Bromofluorobenzene	12.847	95	156346	52.492	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	110930	53.358	ug/l	100
3) Chloromethane	2.359	50	114446	47.257	ug/l	100
4) Vinyl Chloride	2.512	62	121536	50.145	ug/l	100
5) Bromomethane	2.900	94	58179	45.662	ug/l	100
6) Chloroethane	3.077	64	78884	49.807	ug/l	100
7) Trichlorofluoromethane	3.471	101	199862	50.074	ug/l	100
8) Diethyl Ether	3.959	74	71792	50.315	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	111301	51.419	ug/l	100
10) Methyl Iodide	4.577	142	146135	49.909	ug/l	100
11) Tert butyl alcohol	5.530	59	101136	236.271	ug/l	100
12) 1,1-Dichloroethene	4.324	96	105852	49.189	ug/l	100
13) Acrolein	4.177	56	93194	230.127	ug/l	100
14) Allyl chloride	5.012	41	190393	49.623	ug/l	100
15) Acrylonitrile	5.718	53	261862	248.061	ug/l	100
16) Acetone	4.424	43	283674	259.111	ug/l	100
17) Carbon Disulfide	4.700	76	297161	47.386	ug/l	100
18) Methyl Acetate	5.024	43	130059	44.651	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	379898	49.768	ug/l	100
20) Methylene Chloride	5.271	84	116109	48.026	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	109255	48.740	ug/l	100
22) Diisopropyl ether	6.671	45	381682	50.450	ug/l	100
23) Vinyl Acetate	6.600	43	1430499	255.143	ug/l	100
24) 1,1-Dichloroethane	6.565	63	212689	49.298	ug/l	100
25) 2-Butanone	7.483	43	368868	247.463	ug/l	100
26) 2,2-Dichloropropane	7.488	77	211546	52.664	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	134857	50.417	ug/l	100
28) Bromochloromethane	7.812	49	96952	48.122	ug/l	100
29) Tetrahydrofuran	7.835	42	227795	246.376	ug/l	100
30) Chloroform	7.965	83	224869	49.471	ug/l	100
31) Cyclohexane	8.253	56	197250	46.448	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	212026	51.584	ug/l	100
36) 1,1-Dichloropropene	8.371	75	159257	50.569	ug/l	100
37) Ethyl Acetate	7.559	43	153081	48.842	ug/l	100
38) Carbon Tetrachloride	8.359	117	182741	50.858	ug/l	100
39) Methylcyclohexane	9.600	83	200310	53.006	ug/l	100
40) Benzene	8.606	78	486700	50.238	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	85958	48.060	ug/l	100
42) 1,2-Dichloroethane	8.671	62	176565	49.167	ug/l	100
43) Isopropyl Acetate	8.688	43	289772	45.974	ug/l	100
44) Trichloroethene	9.347	130	113291	48.613	ug/l	100
45) 1,2-Dichloropropane	9.618	63	117186	51.926	ug/l	100
46) Dibromomethane	9.706	93	82828	49.748	ug/l	100
47) Bromodichloromethane	9.888	83	177908	50.198	ug/l	100
48) Methyl methacrylate	9.677	41	128457	49.969	ug/l	100
49) 1,4-Dioxane	9.694	88	43430	1031.018	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	721605	247.646	ug/l	100
52) Toluene	10.629	92	310466	51.241	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	192197	52.384	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	201718	52.380	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	109695	50.724	ug/l	100
56) Ethyl methacrylate	10.871	69	185957	51.979	ug/l	100
57) 1,3-Dichloropropane	11.159	76	192730	50.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	410878	264.313	ug/l	100
59) 2-Hexanone	11.194	43	549608	251.332	ug/l	100
60) Dibromochloromethane	11.359	129	129239	51.576	ug/l	100
61) 1,2-Dibromoethane	11.471	107	112246	50.804	ug/l	100
64) Tetrachloroethene	11.100	164	96174	49.975	ug/l	100
65) Chlorobenzene	11.888	112	319806	48.707	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	113592	51.240	ug/l	100
67) Ethyl Benzene	11.965	91	595548	50.813	ug/l	100
68) m/p-Xylenes	12.070	106	446066	101.028	ug/l	100
69) o-Xylene	12.394	106	216620	50.761	ug/l	100
70) Styrene	12.412	104	368366	51.338	ug/l	100
71) Bromoform	12.576	173	83028	52.582	ug/l #	100
73) Isopropylbenzene	12.694	105	576204	49.883	ug/l	100
74) N-amyl acetate	12.494	43	240216	47.912	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	154792	47.203	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	134271m	44.451	ug/l	
77) Bromobenzene	12.982	156	126964	46.850	ug/l	100
78) n-propylbenzene	13.035	91	664358	49.745	ug/l	100
79) 2-Chlorotoluene	13.123	91	409572	47.327	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	485429	49.885	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	59652	48.828	ug/l	100
82) 4-Chlorotoluene	13.223	91	415580	47.270	ug/l	100
83) tert-Butylbenzene	13.435	119	432770	50.023	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	489876	50.014	ug/l	100
85) sec-Butylbenzene	13.617	105	583695	50.761	ug/l	100
86) p-Isopropyltoluene	13.729	119	489323	50.948	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	245584	46.683	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	244883	45.305	ug/l	100
89) n-Butylbenzene	14.053	91	428052	50.668	ug/l	100
90) Hexachloroethane	14.329	117	93353	49.935	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	241450	47.660	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34097	47.943	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	134077	46.671	ug/l	100
94) Hexachlorobutadiene	15.500	225	55546	48.281	ug/l	100
95) Naphthalene	15.641	128	441376	47.819	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	131844	45.942	ug/l	100

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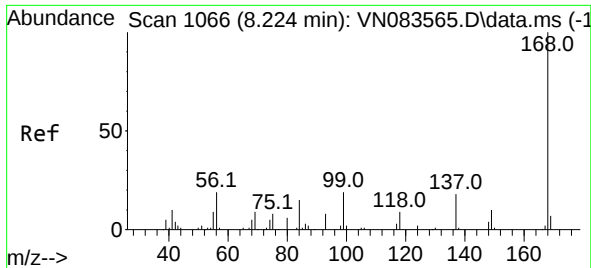
Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

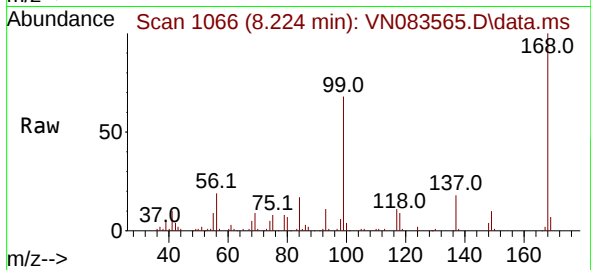
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083565.D
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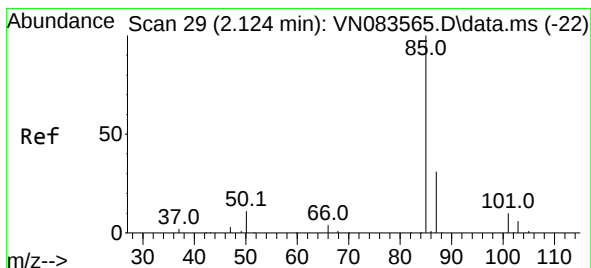
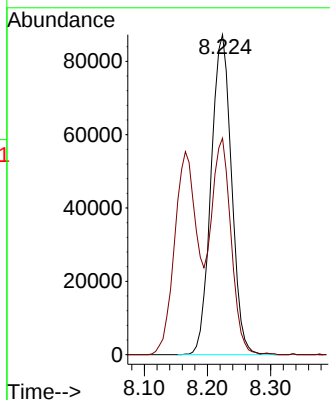
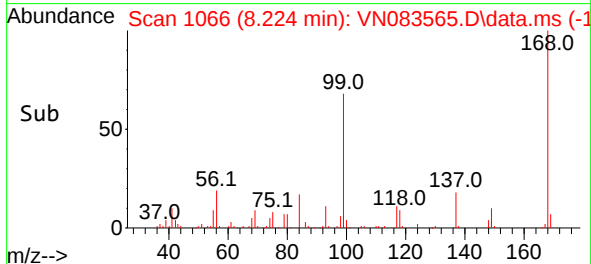
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 196434
Ion Ratio Lower Upper
168 100
99 67.7 54.2 81.2

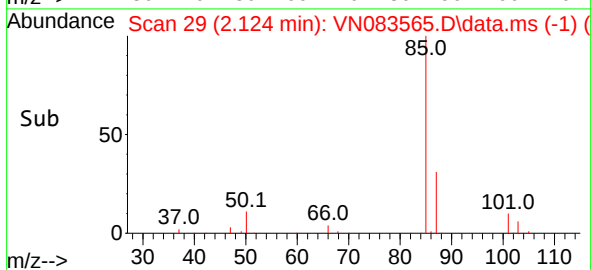
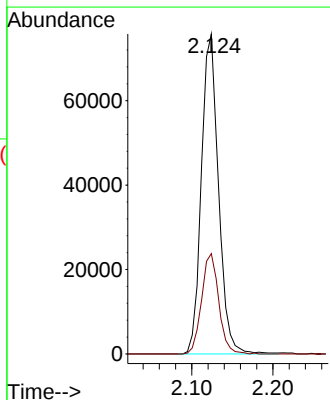
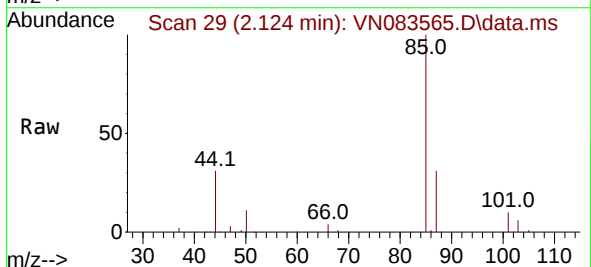
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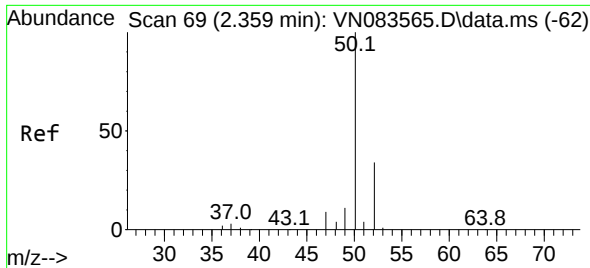
Reviewed By :John Carlone 09/03/2024
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#2
Dichlorodifluoromethane
Concen: 53.358 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

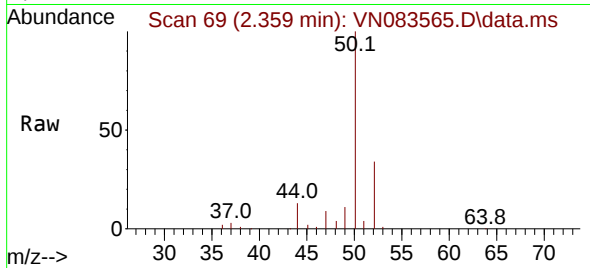
Tgt Ion: 85 Resp: 110930
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0





#3
Chloromethane
Concen: 47.257 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

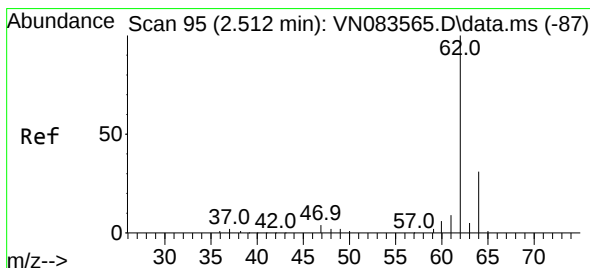
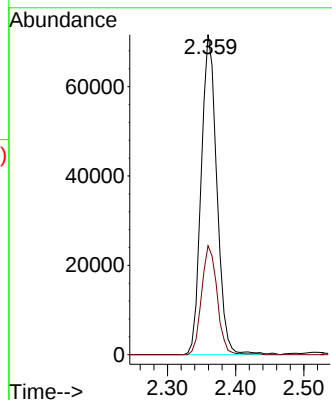
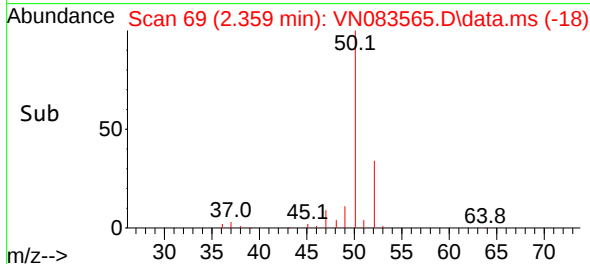
Instrument :
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VSTDICCC050



Tgt Ion: 50 Resp: 11444
Ion Ratio Lower Upper
50 100
52 34.0 27.2 40.8

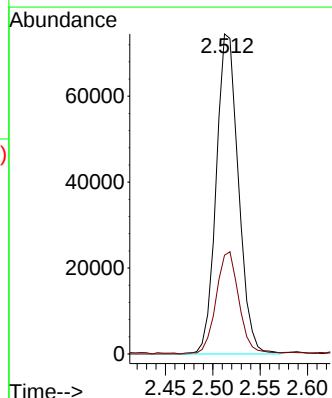
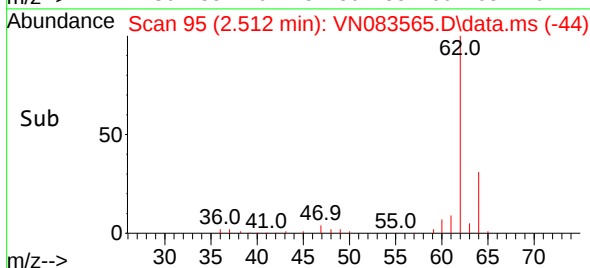
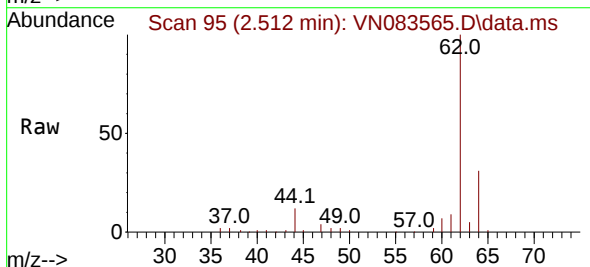
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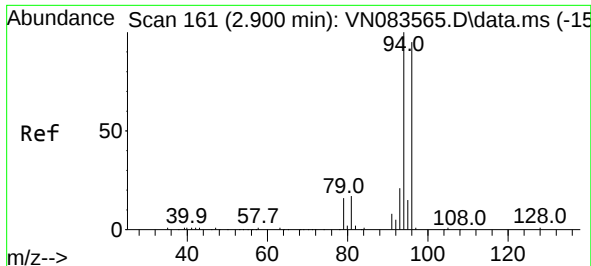
Reviewed By :John Carlone 09/03/2024
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#4
Vinyl Chloride
Concen: 50.145 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

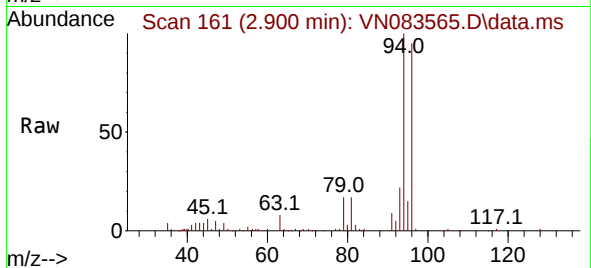
Tgt Ion: 62 Resp: 121536
Ion Ratio Lower Upper
62 100
64 30.9 24.7 37.1





#5
Bromomethane
Concen: 45.662 ug/l
RT: 2.900 min Scan# 161
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

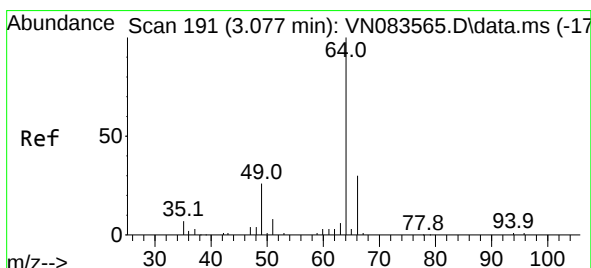
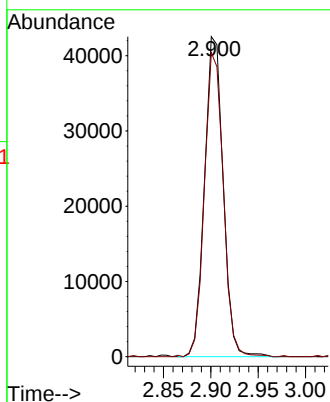
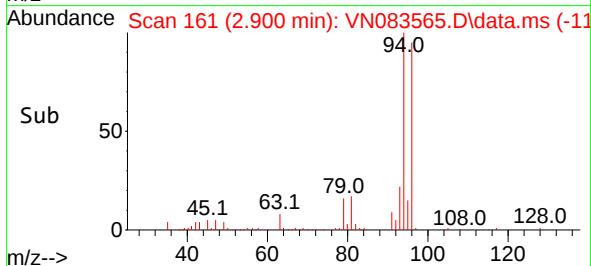
Instrument :
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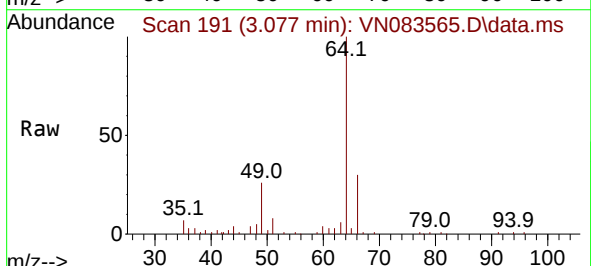
Tgt Ion: 94 Resp: 58179
Ion Ratio Lower Upper
94 100
96 95.0 76.0 114.0

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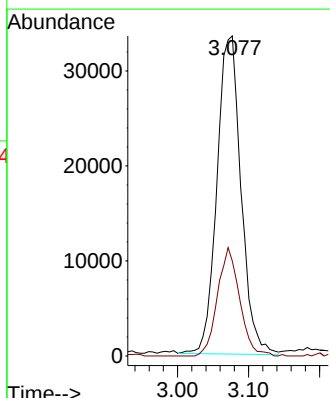
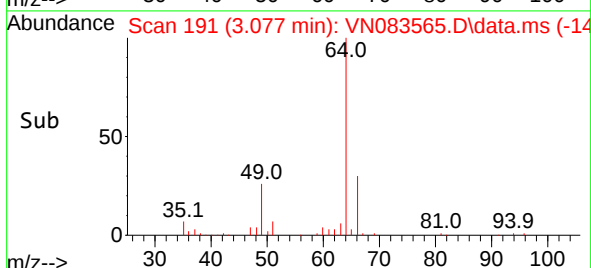
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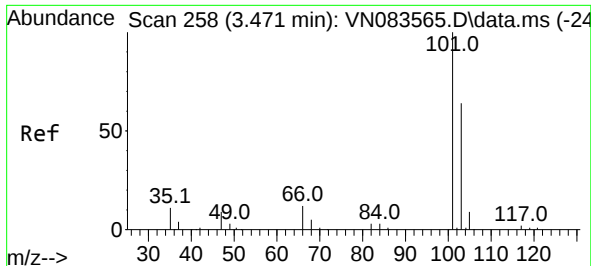


#6
Chloroethane
Concen: 49.807 ug/l
RT: 3.077 min Scan# 191
Delta R.T. 0.000 min
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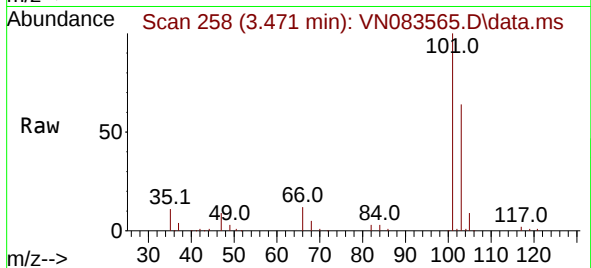
Tgt Ion: 64 Resp: 78884
Ion Ratio Lower Upper
64 100
66 29.9 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 50.074 ug/l
 RT: 3.471 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VN083565.D
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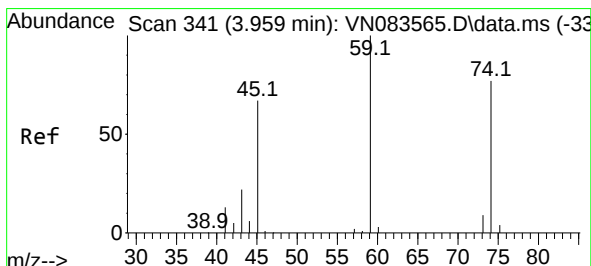
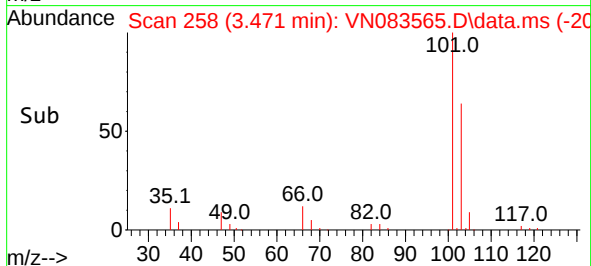
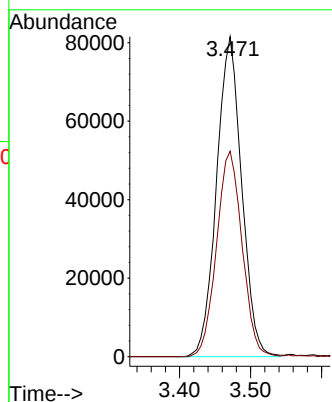
Instrument :
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 VSTDICCC050



Tgt Ion:101 Resp: 19986
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0

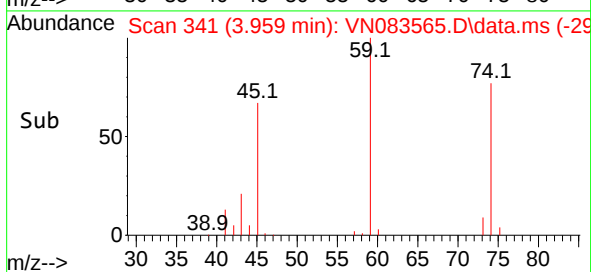
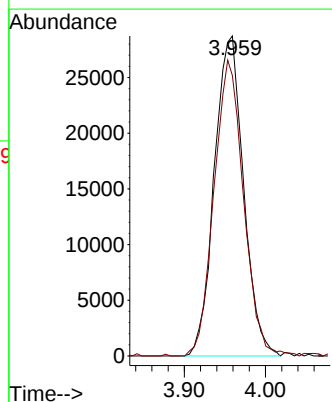
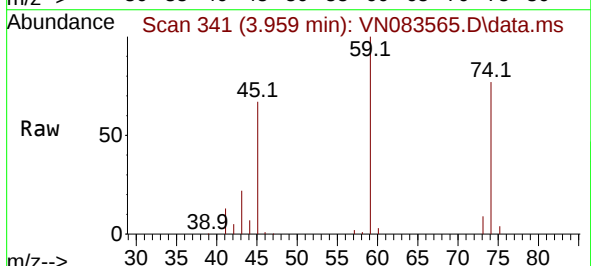
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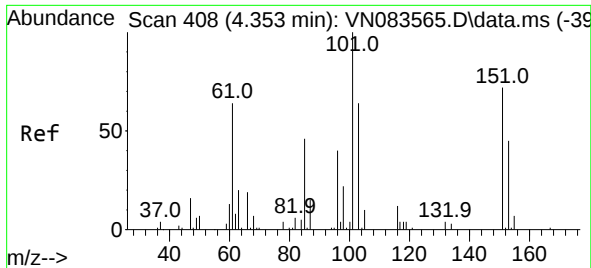
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#8
 Diethyl Ether
 Concen: 50.315 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN083565.D
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Tgt Ion: 74 Resp: 71792
 Ion Ratio Lower Upper
 74 100
 45 93.4 46.7 140.1





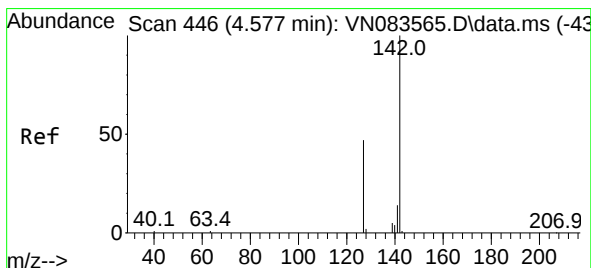
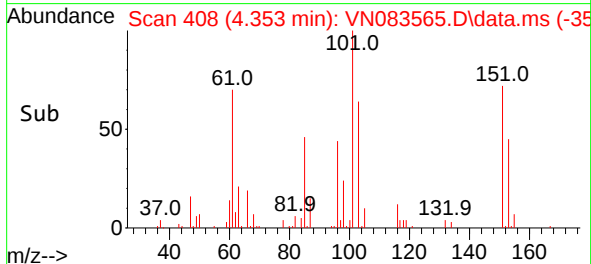
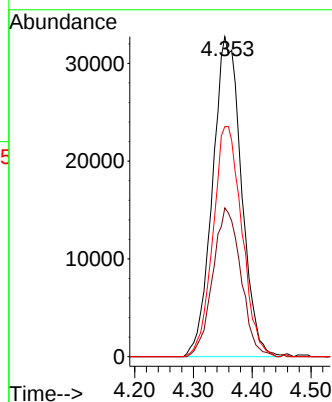
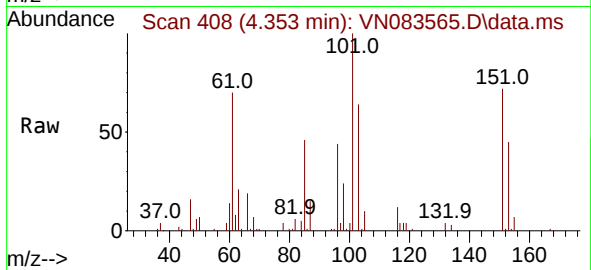
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.419 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 11130
Ion Ratio Lower Upper
101 100
85 45.3 36.2 54.4
151 72.1 57.7 86.5

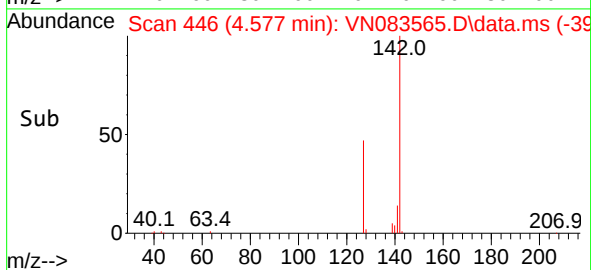
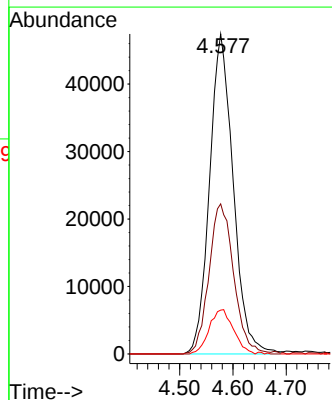
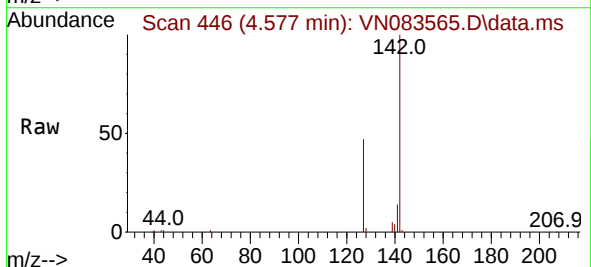
Manual Integrations
APPROVED

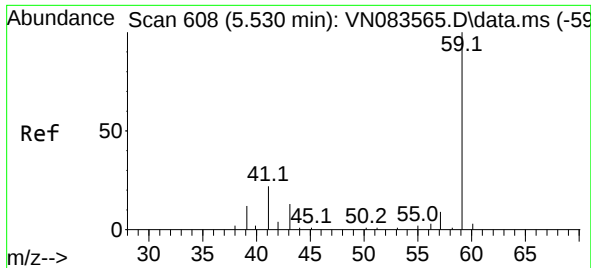
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#10
Methyl Iodide
Concen: 49.909 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

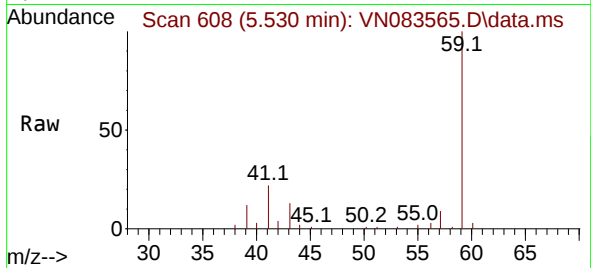
Tgt Ion:142 Resp: 146135
Ion Ratio Lower Upper
142 100
127 46.9 37.5 56.3
141 13.7 11.0 16.4





#11
Tert butyl alcohol
Concen: 236.271 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

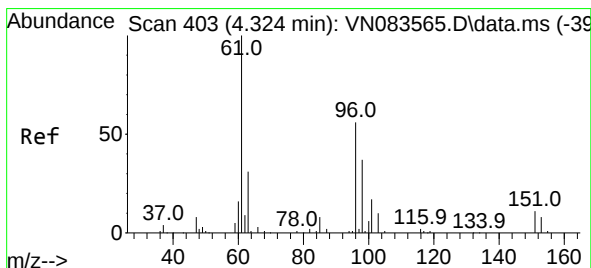
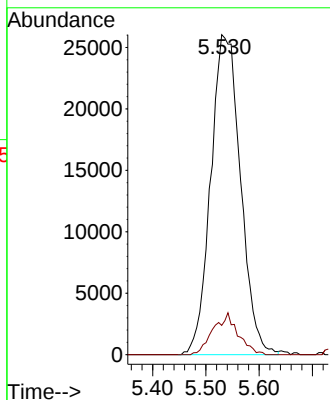
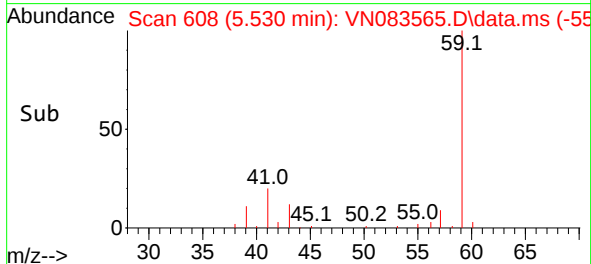
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



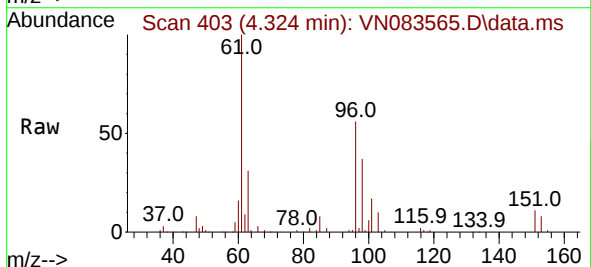
Tgt Ion: 59 Resp: 101130
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

Manual Integrations
APPROVED

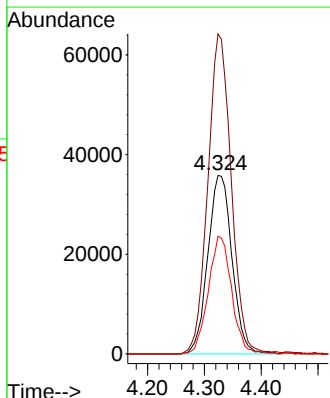
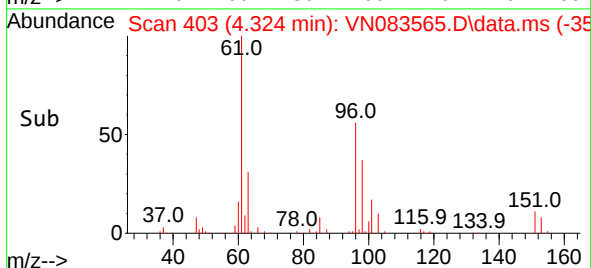
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

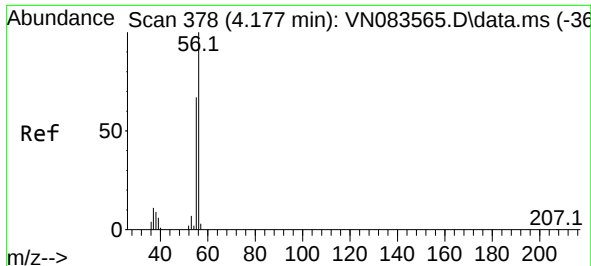


#12
1,1-Dichloroethene
Concen: 49.189 ug/l
RT: 4.324 min Scan# 403
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18



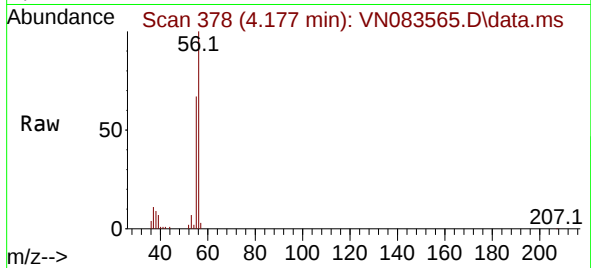
Tgt Ion: 96 Resp: 105852
Ion Ratio Lower Upper
96 100
61 179.2 143.4 215.0
98 65.9 52.7 79.1





#13
Acrolein
Concen: 230.127 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

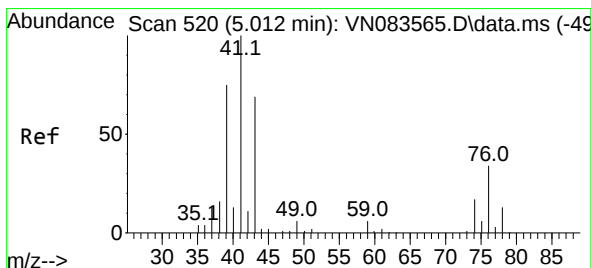
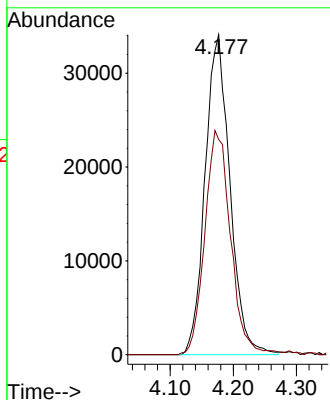
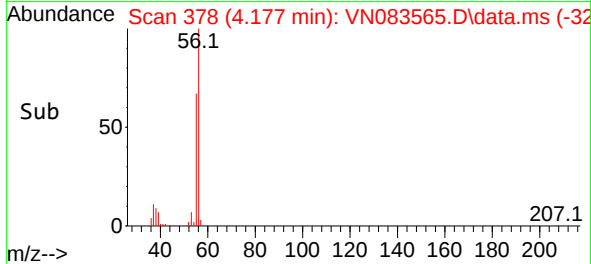
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 93194
Ion Ratio Lower Upper
56 100
55 72.7 58.2 87.2

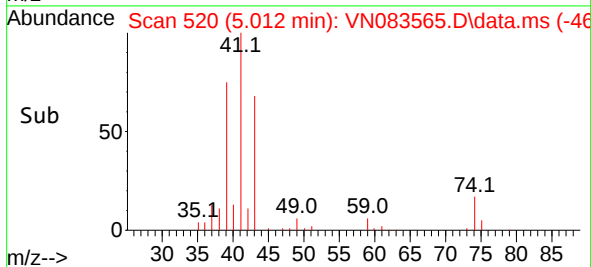
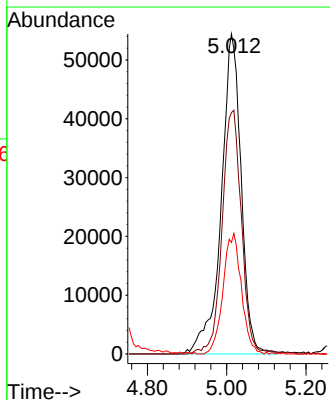
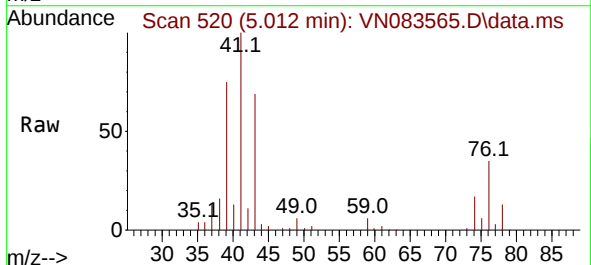
Manual Integrations
APPROVED

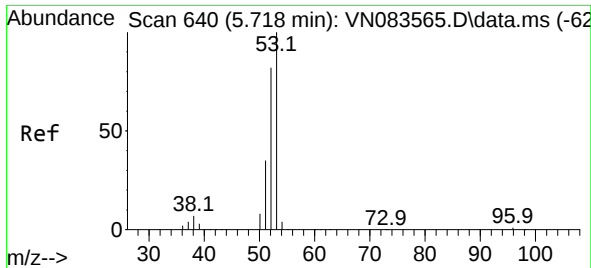
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#14
Allyl chloride
Concen: 49.623 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

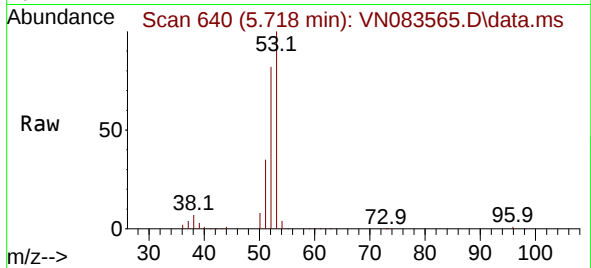
Tgt Ion: 41 Resp: 190393
Ion Ratio Lower Upper
41 100
39 74.1 59.3 88.9
76 34.6 27.7 41.5





#15
Acrylonitrile
Concen: 248.061 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

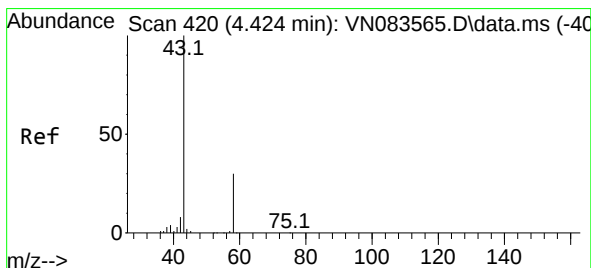
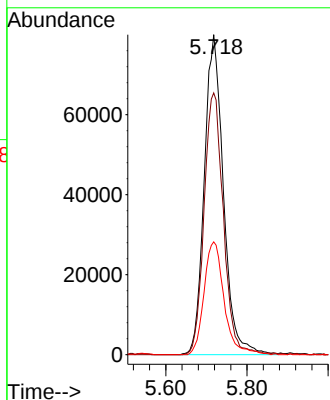
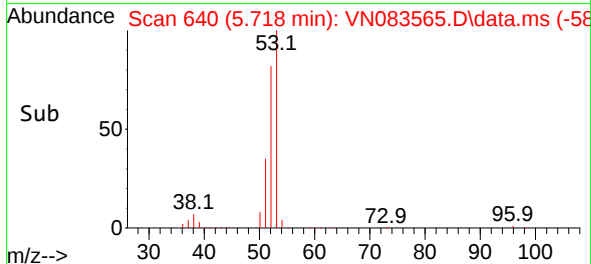
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 261862
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 37.0 29.6 44.4

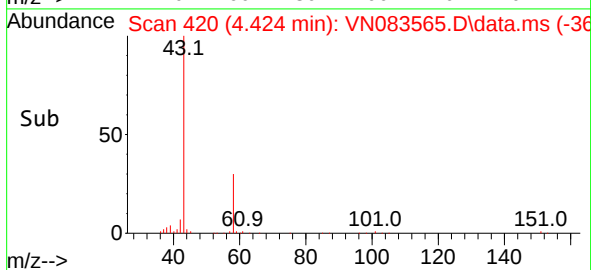
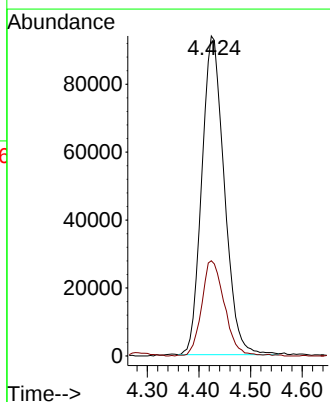
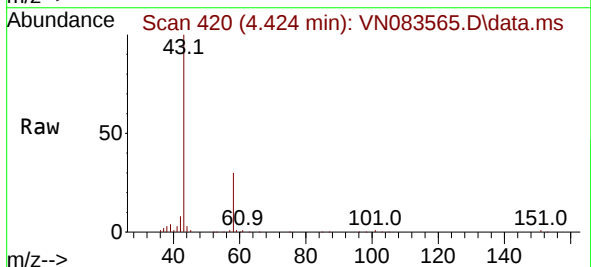
Manual Integrations
APPROVED

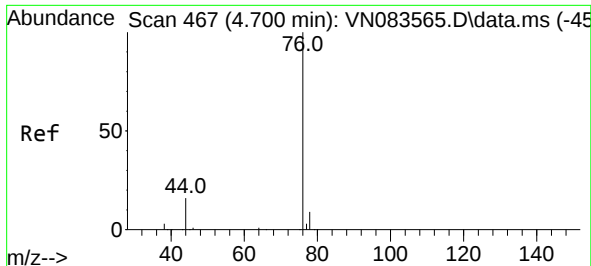
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#16
Acetone
Concen: 259.111 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

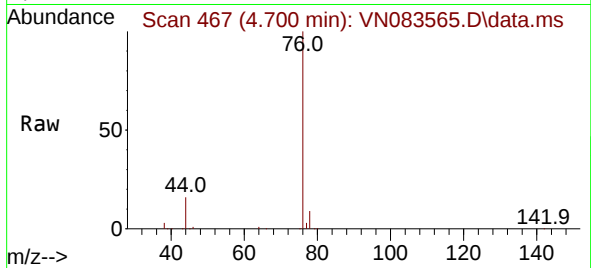
Tgt Ion: 43 Resp: 283674
Ion Ratio Lower Upper
43 100
58 29.6 23.7 35.5





#17
Carbon Disulfide
Concen: 47.386 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

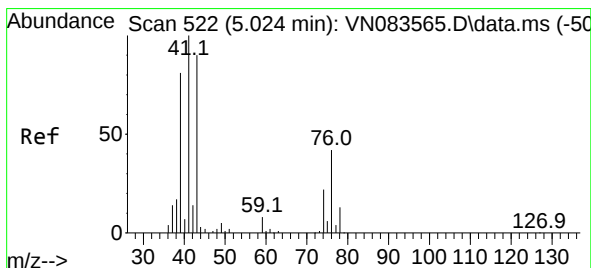
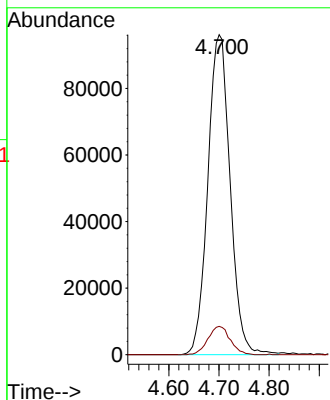
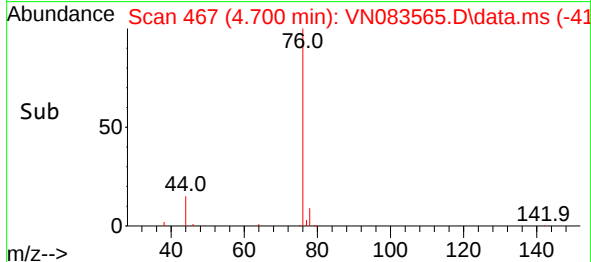
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 29716
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

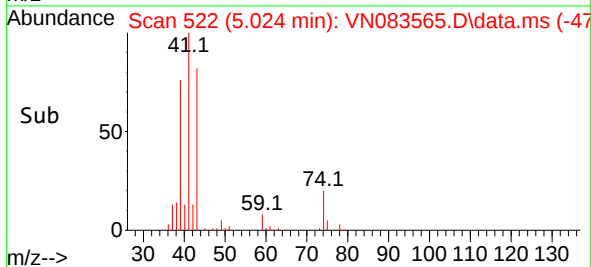
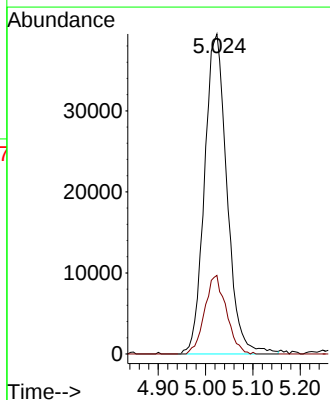
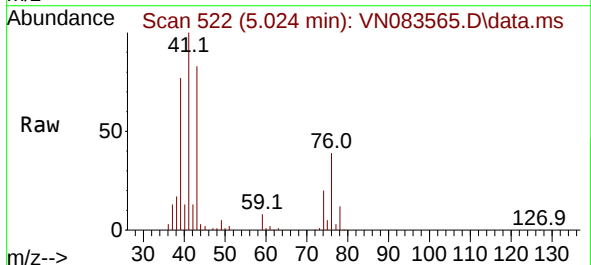
Manual Integrations
APPROVED

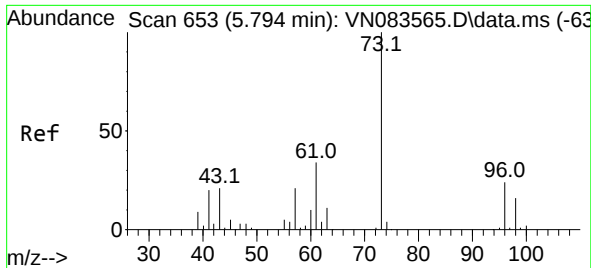
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#18
Methyl Acetate
Concen: 44.651 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Tgt Ion: 43 Resp: 130059
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.4





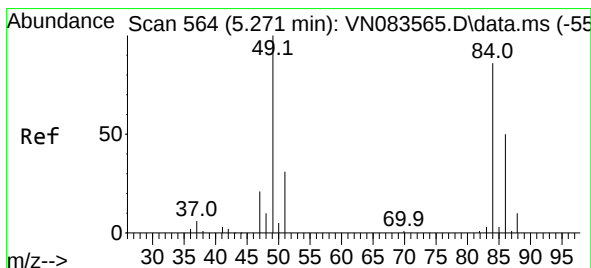
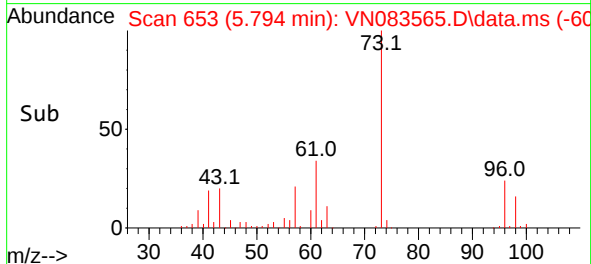
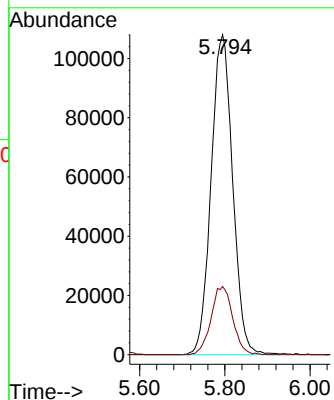
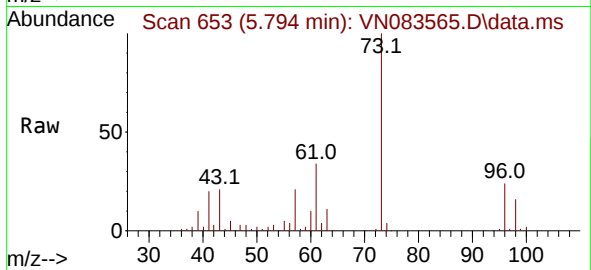
#19
Methyl tert-butyl Ether
Concen: 49.768 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 379898
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6

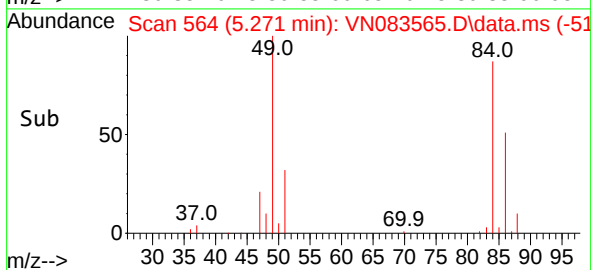
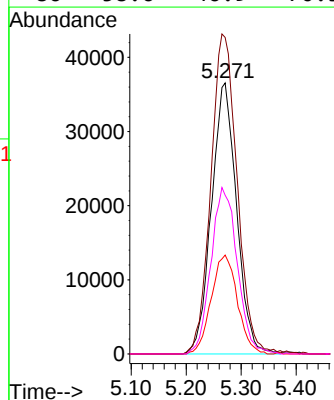
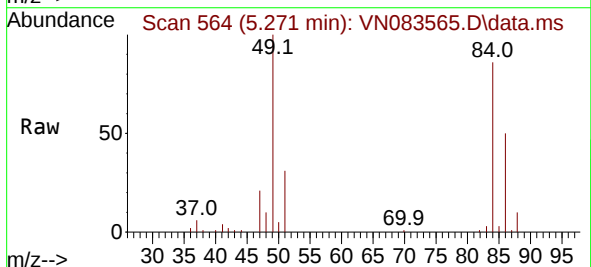
Manual Integrations
APPROVED

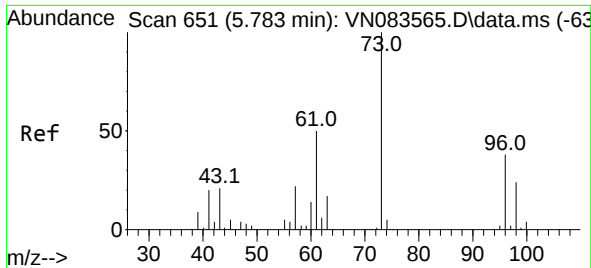
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#20
Methylene Chloride
Concen: 48.026 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

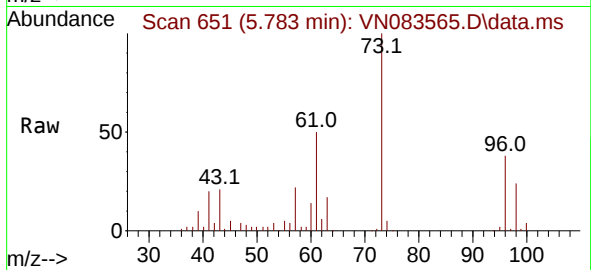
Tgt Ion: 84 Resp: 116109
Ion Ratio Lower Upper
84 100
49 116.7 93.4 140.0
51 36.5 29.2 43.8
86 58.6 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 48.740 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

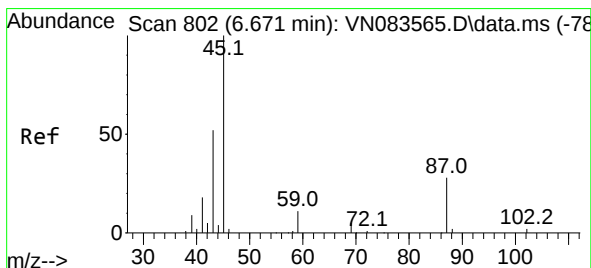
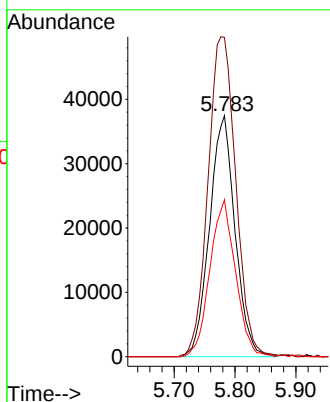
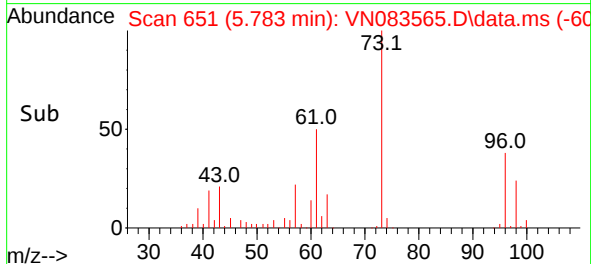
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 10925
Ion Ratio Lower Upper
96 100
61 132.5 106.0 159.0
98 65.2 52.2 78.2

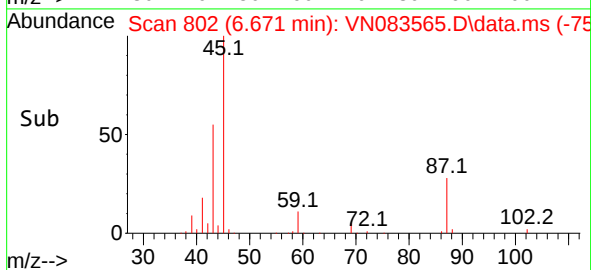
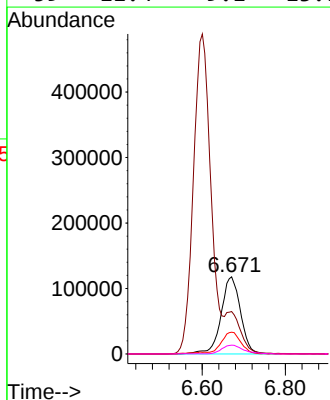
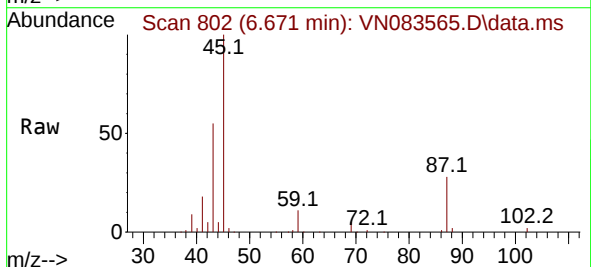
Manual Integrations
APPROVED

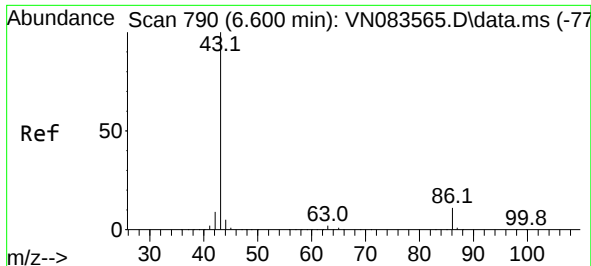
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#22
Diisopropyl ether
Concen: 50.450 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Tgt Ion: 45 Resp: 381682
Ion Ratio Lower Upper
45 100
43 54.2 43.4 65.0
87 28.2 22.6 33.8
59 11.4 9.1 13.7





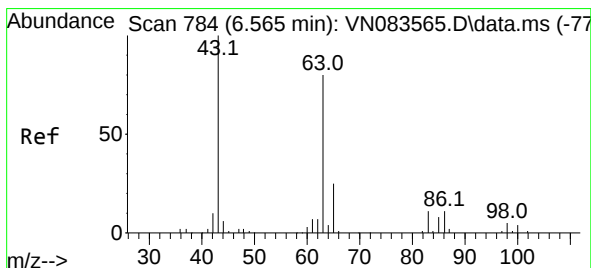
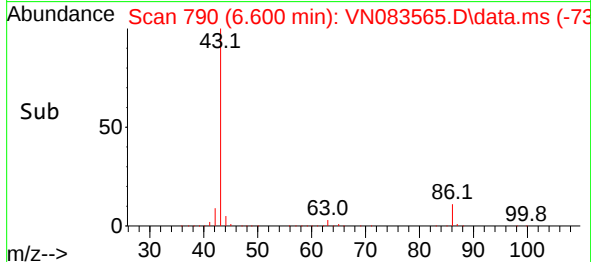
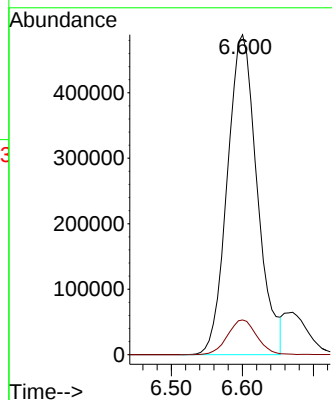
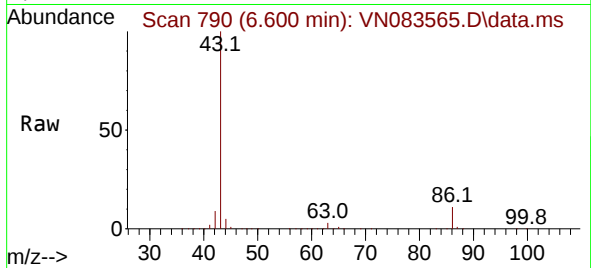
#23
 Vinyl Acetate
 Concen: 255.143 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083565.D
 Acq: 30 Aug 2024 09:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1430499
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.7 13.1

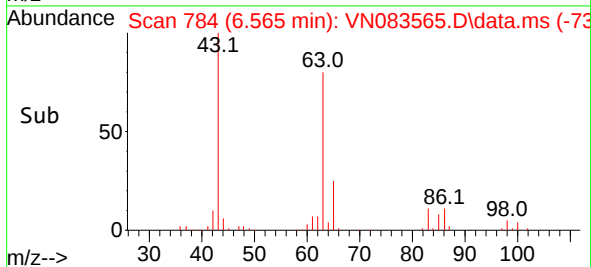
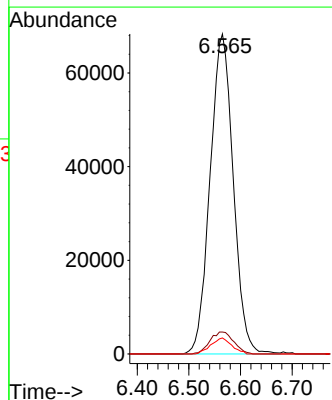
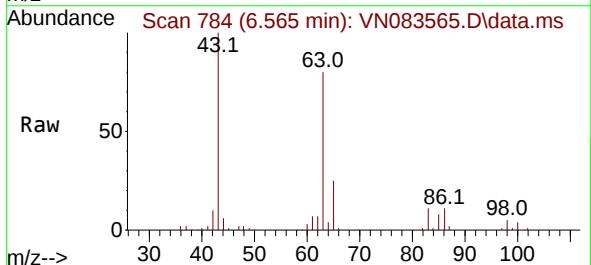
Manual Integrations
 APPROVED

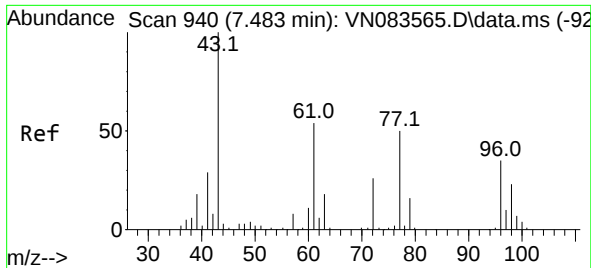
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#24
 1,1-Dichloroethane
 Concen: 49.298 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN083565.D
 Acq: 30 Aug 2024 09:18

Tgt Ion: 63 Resp: 212689
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 5.0 2.5 7.5





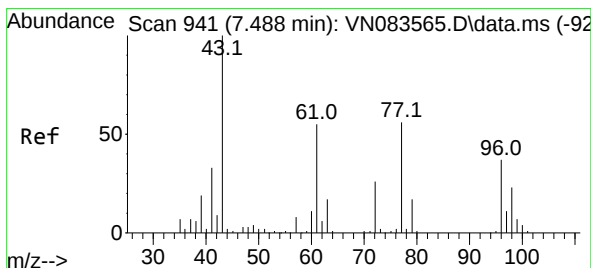
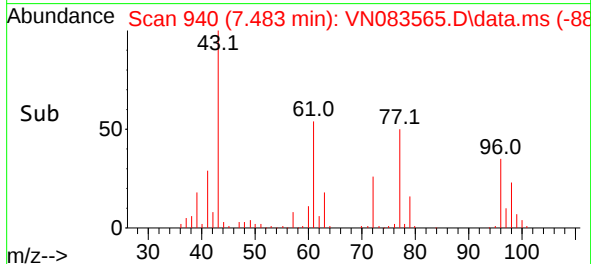
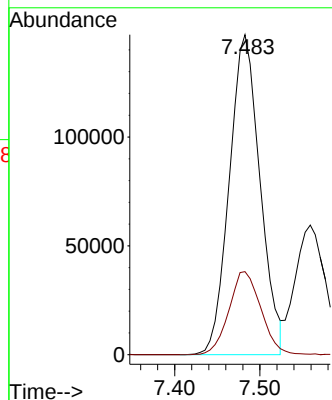
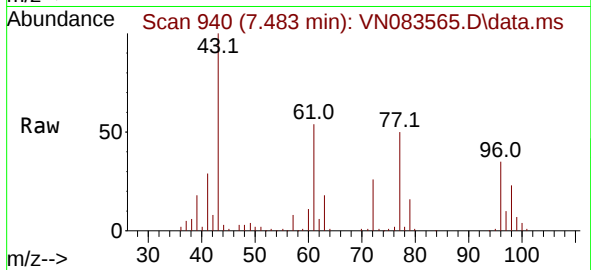
#25
2-Butanone
Concen: 247.463 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 368868
Ion Ratio Lower Upper
43 100
72 26.0 20.8 31.2

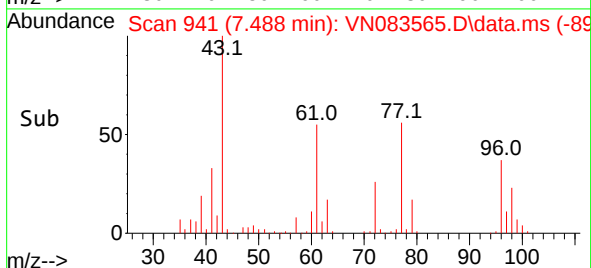
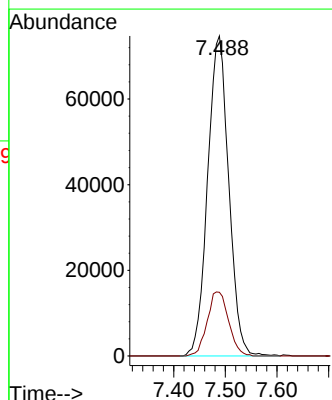
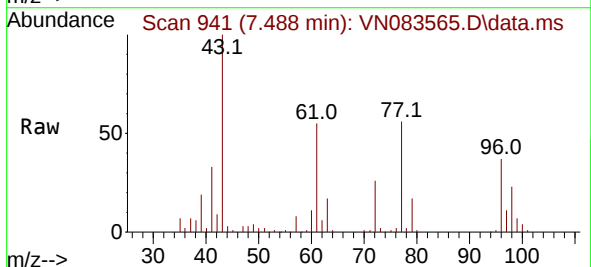
Manual Integrations
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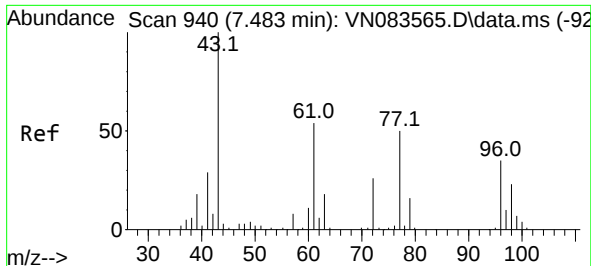
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#26
2,2-Dichloropropane
Concen: 52.664 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

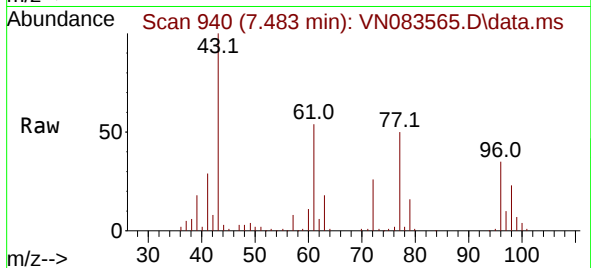
Tgt Ion: 77 Resp: 211546
Ion Ratio Lower Upper
77 100
97 20.3 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 50.417 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083565.D
 Acq: 30 Aug 2024 09:18

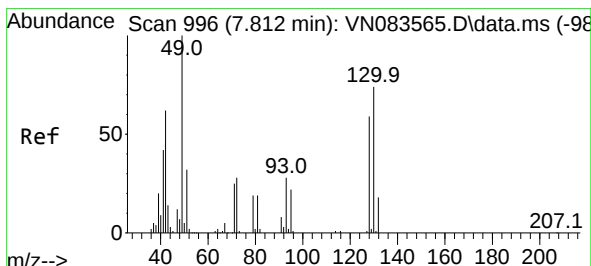
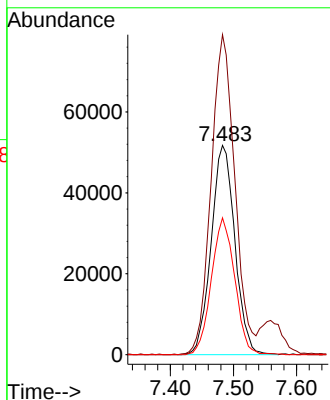
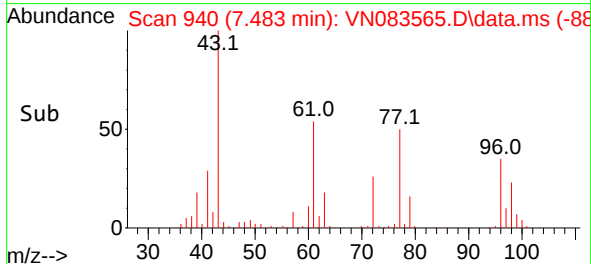
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



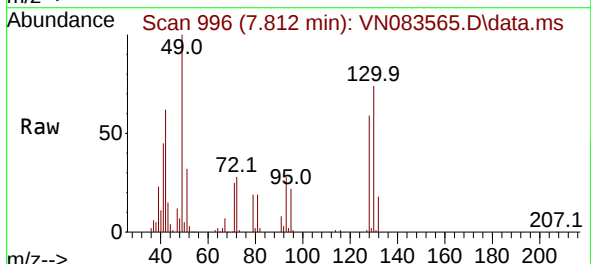
Tgt Ion: 96 Resp: 13485
 Ion Ratio Lower Upper
 96 100
 61 153.1 0.0 306.2
 98 64.3 0.0 128.6

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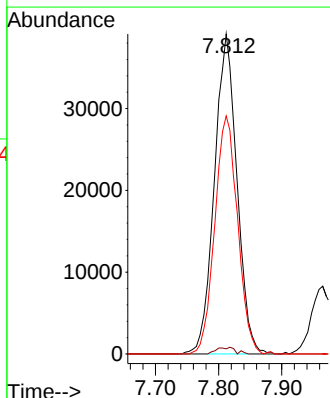
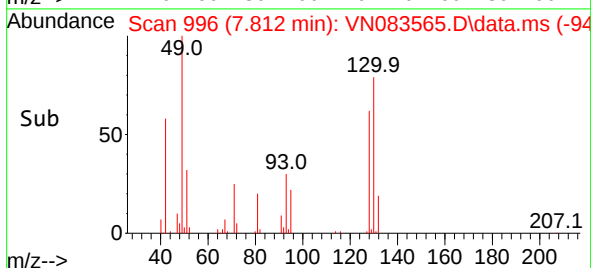
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024

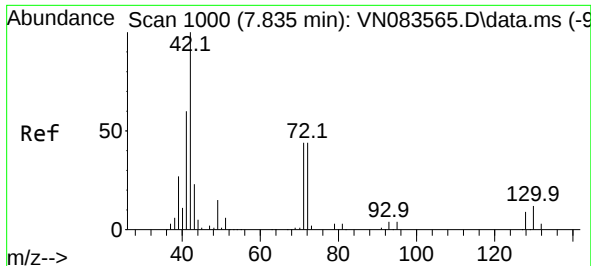


#28
 Bromochloromethane
 Concen: 48.122 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083565.D
 Acq: 30 Aug 2024 09:18



Tgt Ion: 49 Resp: 96952
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 75.2 60.2 90.2





#29

Tetrahydrofuran

Concen: 246.376 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

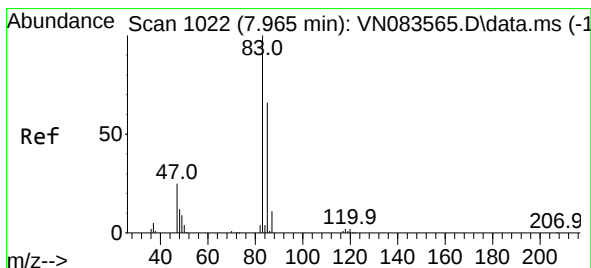
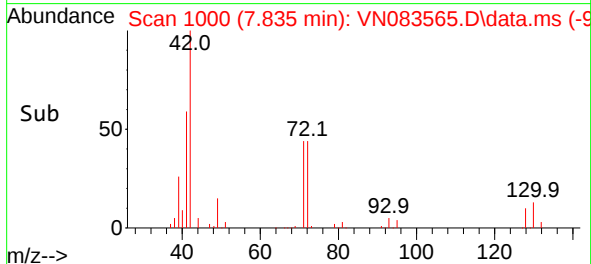
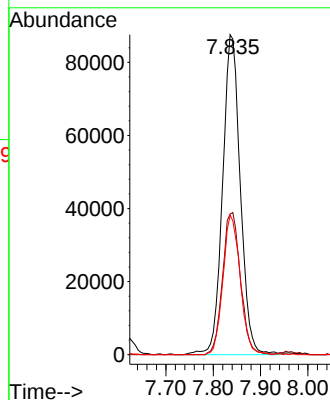
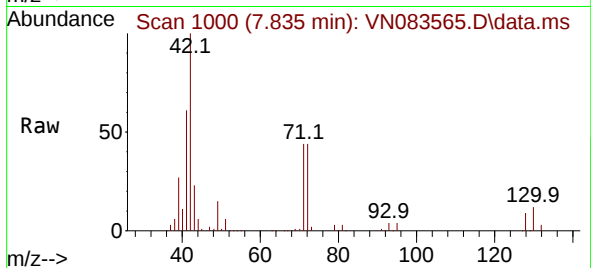
Tgt Ion:	42	Resp:	22779
Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.9	53.9
71	42.4	33.9	50.9

Manual Integrations

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Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#30

Chloroform

Concen: 49.471 ug/l

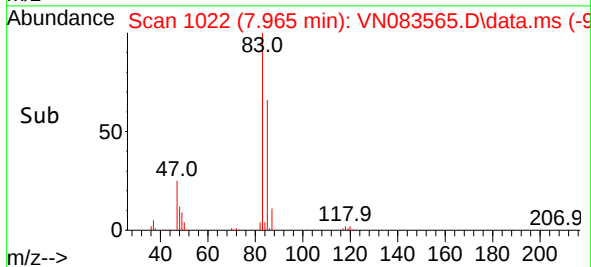
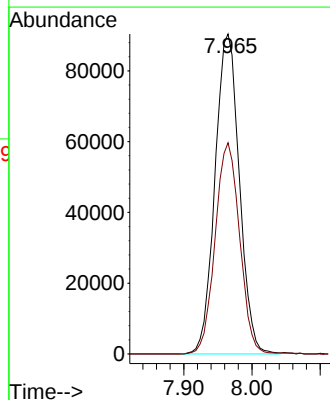
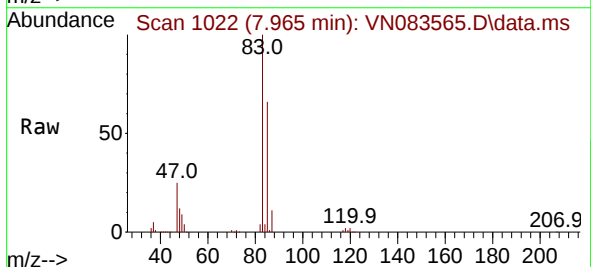
RT: 7.965 min Scan# 1022

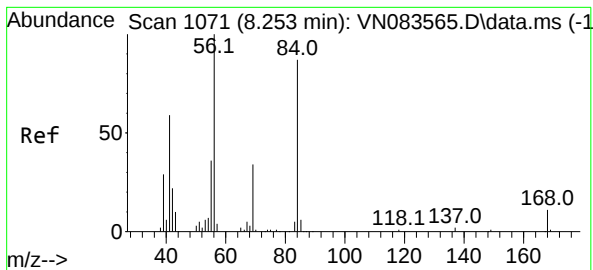
Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Tgt Ion:	83	Resp:	224869
Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.8	79.2





#31

Cyclohexane

Concen: 46.448 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 197250

Ion Ratio Lower Upper

56 100

69 33.6 26.9 40.3

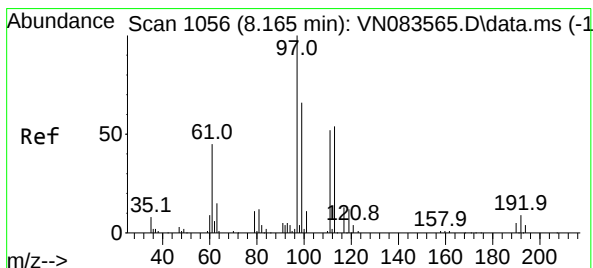
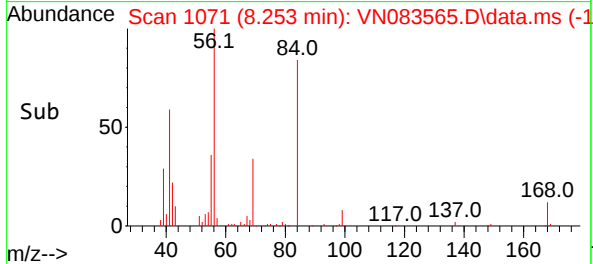
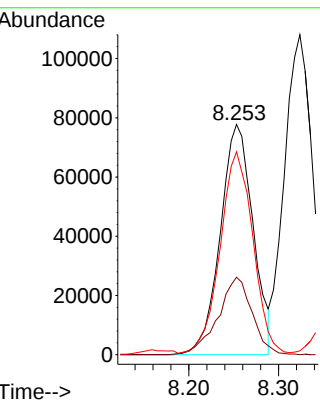
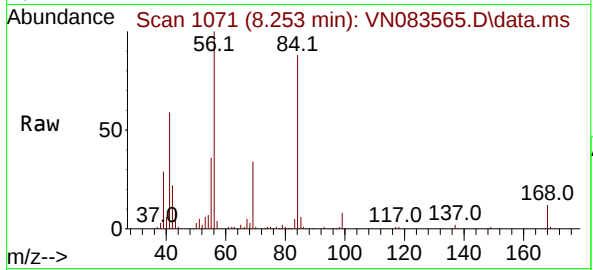
84 86.5 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#32

1,1,1-Trichloroethane

Concen: 51.584 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

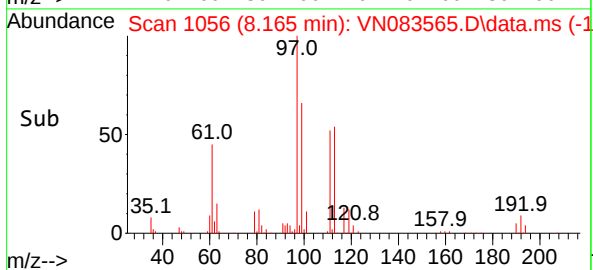
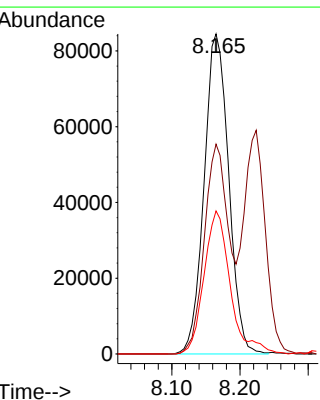
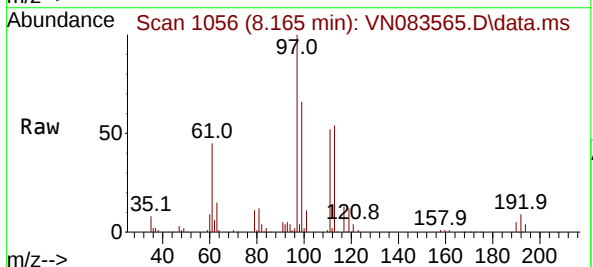
Tgt Ion: 97 Resp: 212026

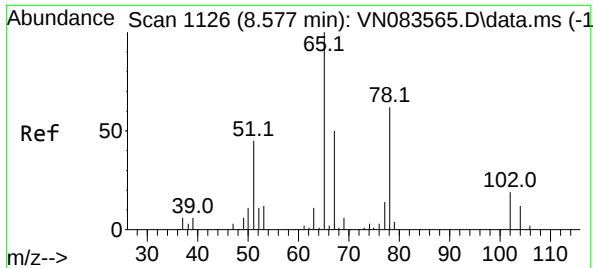
Ion Ratio Lower Upper

97 100

99 65.4 52.3 78.5

61 47.7 38.2 57.2





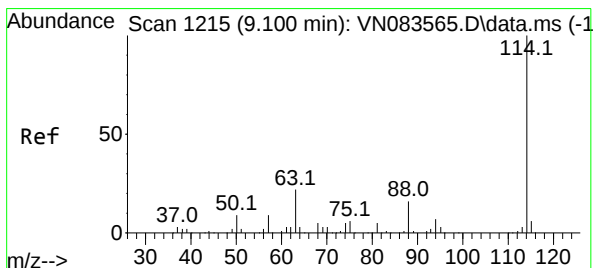
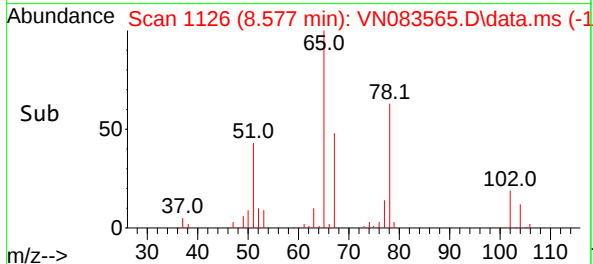
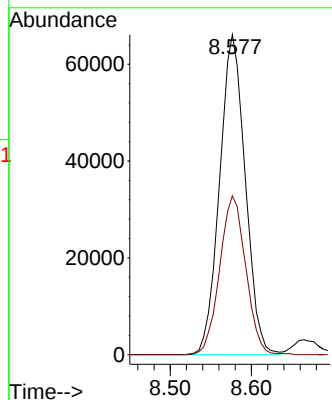
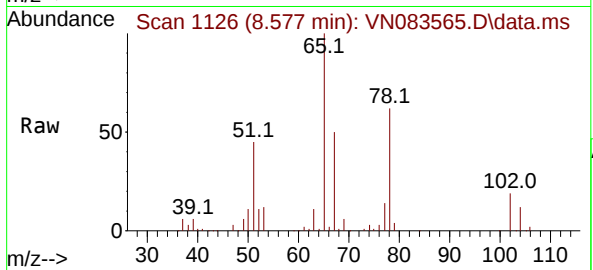
#33
1,2-Dichloroethane-d4
Concen: 52.886 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 14519
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8

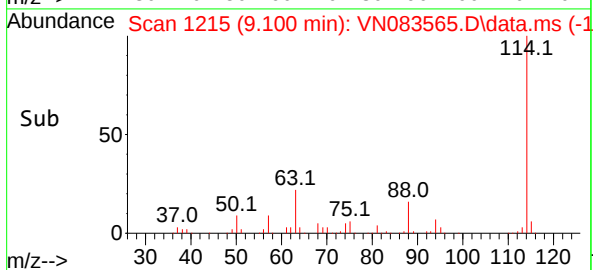
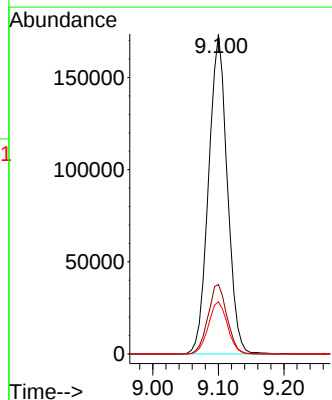
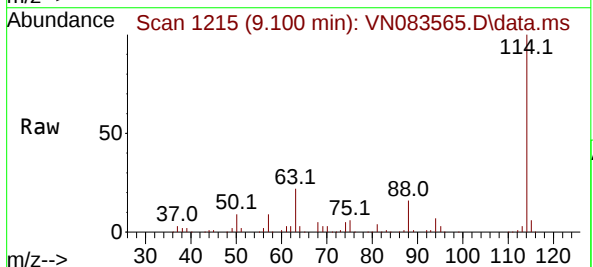
Manual Integrations
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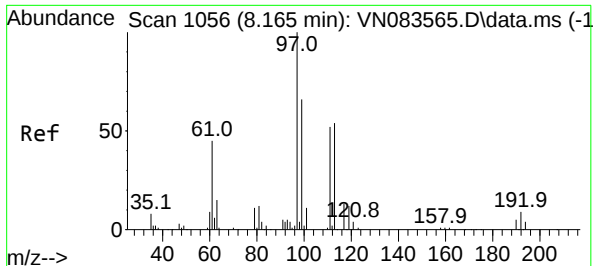
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

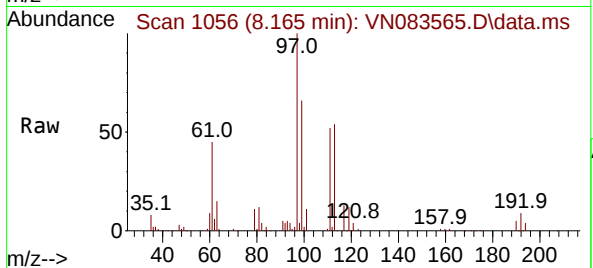
Tgt Ion:114 Resp: 343039
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.4
88 16.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.286 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

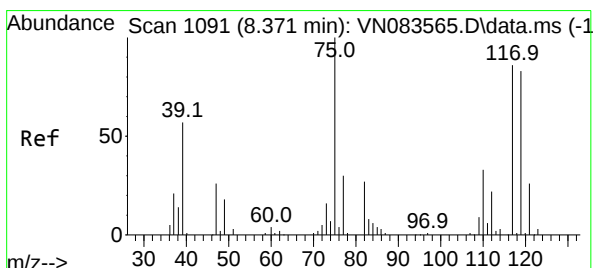
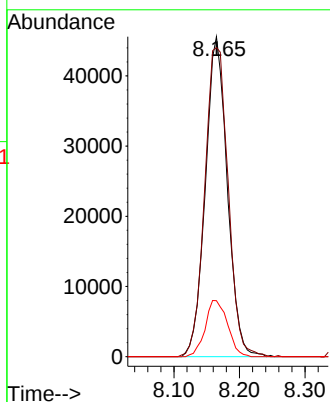
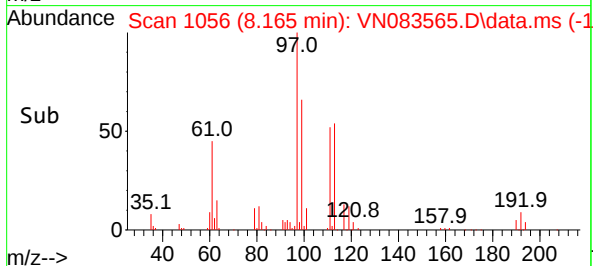
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



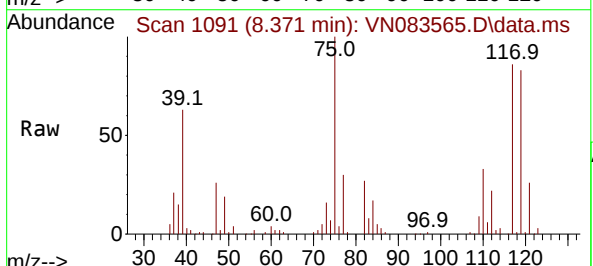
Tgt Ion: 113 Resp: 10588
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 17.9 14.3 21.5

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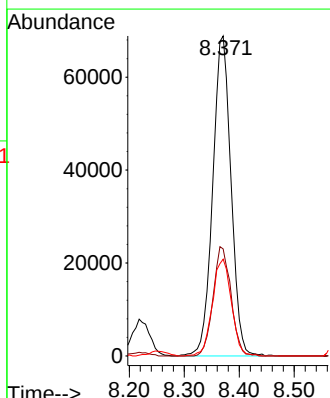
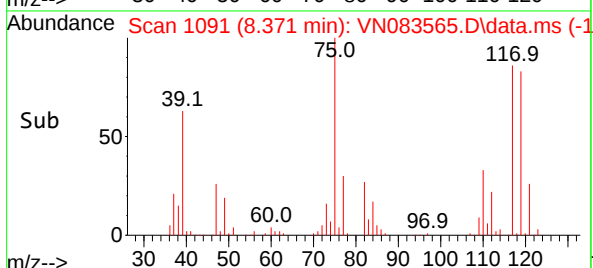
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

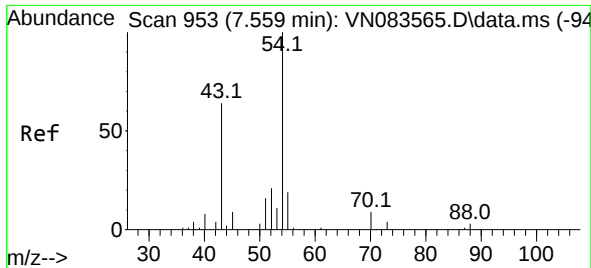


#36
1,1-Dichloropropene
Concen: 50.569 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18



Tgt Ion: 75 Resp: 159257
Ion Ratio Lower Upper
75 100
110 33.4 16.7 50.1
77 31.5 25.2 37.8





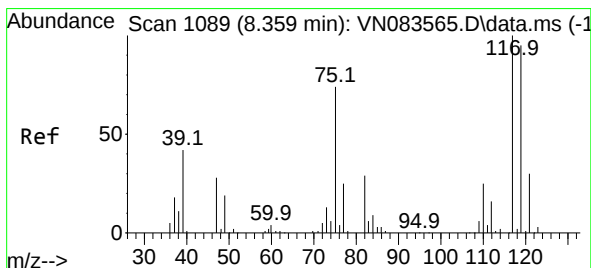
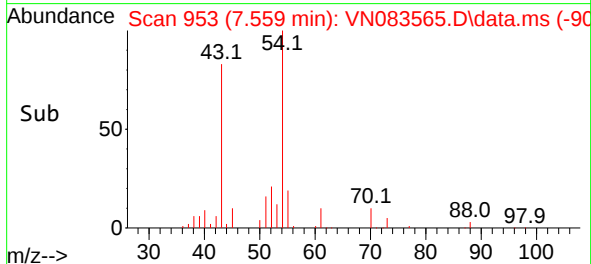
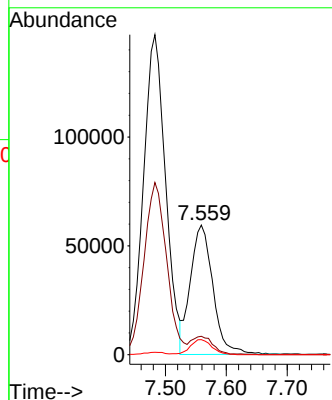
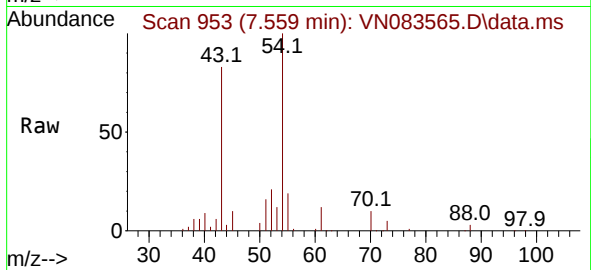
#37
Ethyl Acetate
Concen: 48.842 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 15308
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 11.0 8.8 13.2

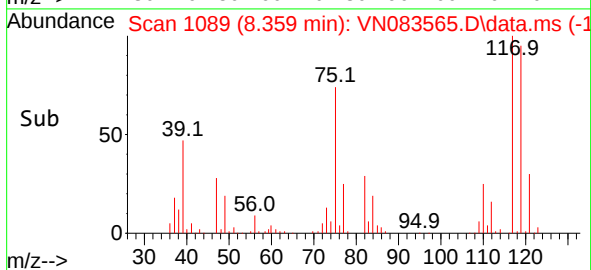
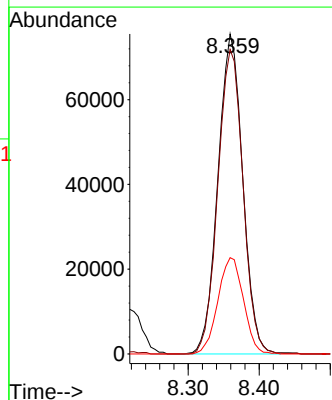
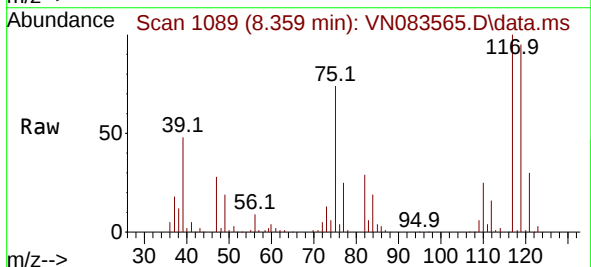
Manual Integrations
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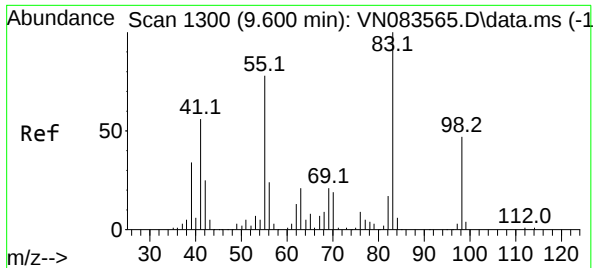
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#38
Carbon Tetrachloride
Concen: 50.858 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

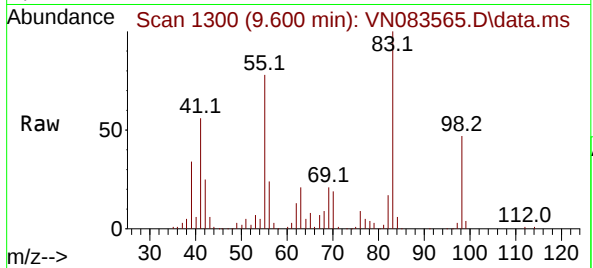
Tgt Ion:117 Resp: 182741
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 30.1 24.1 36.1





#39
Methylcyclohexane
Concen: 53.006 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

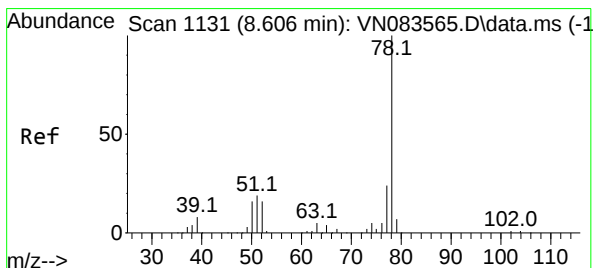
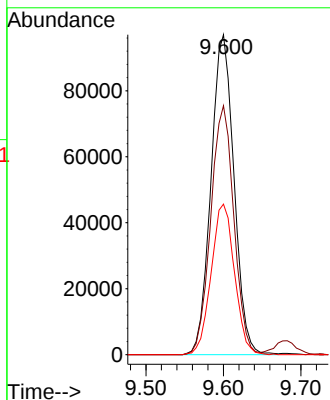
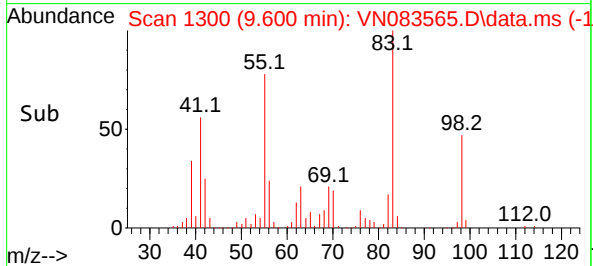
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 200310
Ion Ratio Lower Upper
83 100
55 77.8 62.2 93.4
98 47.0 37.6 56.4

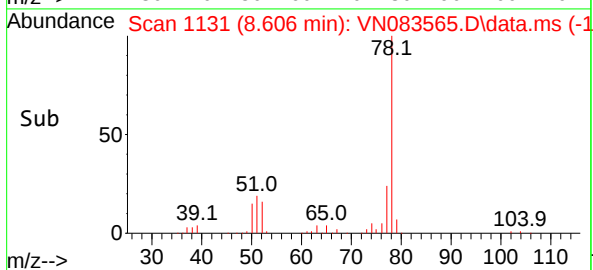
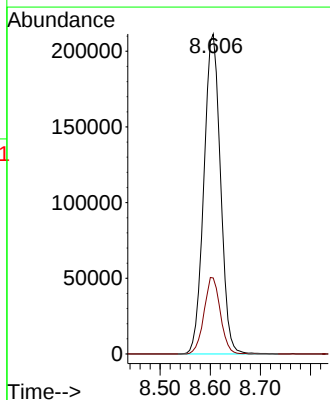
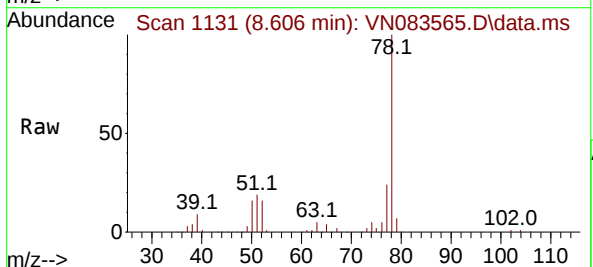
Manual Integrations
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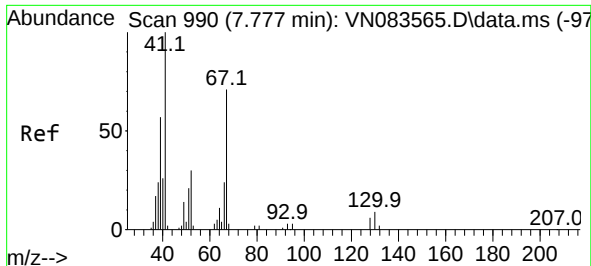
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#40
Benzene
Concen: 50.238 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

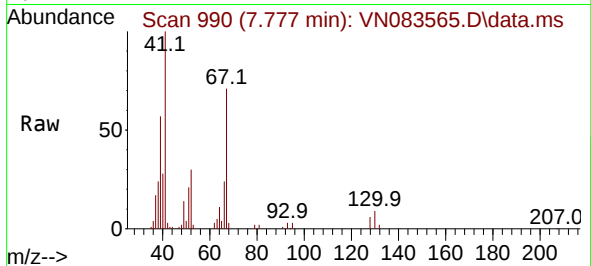
Tgt Ion: 78 Resp: 486700
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 48.060 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

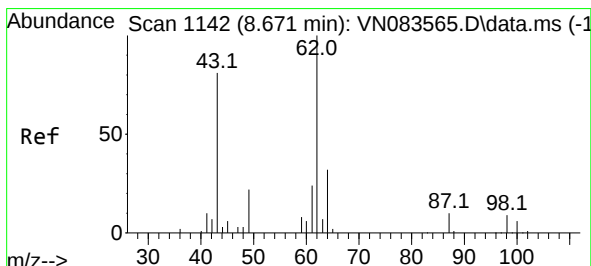
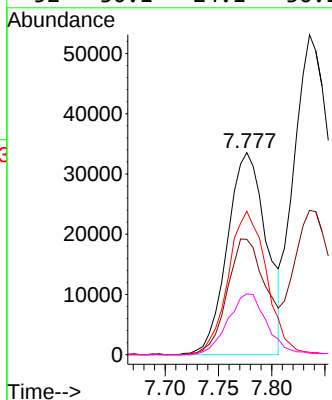
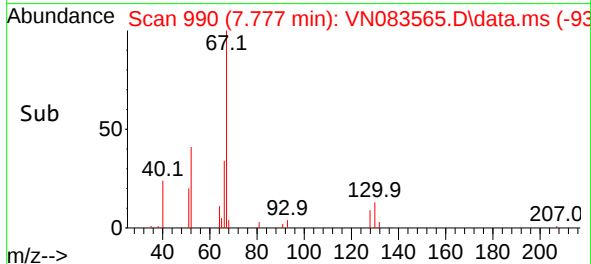
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 85958
Ion Ratio Lower Upper
41 100
39 56.8 45.4 68.2
67 69.9 55.9 83.9
52 30.1 24.1 36.1

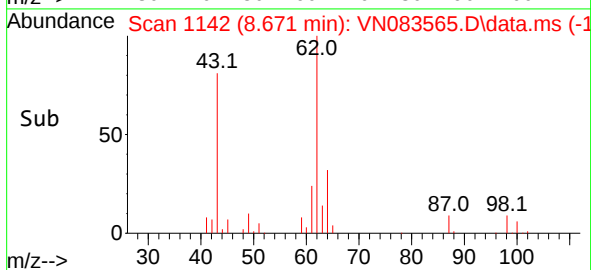
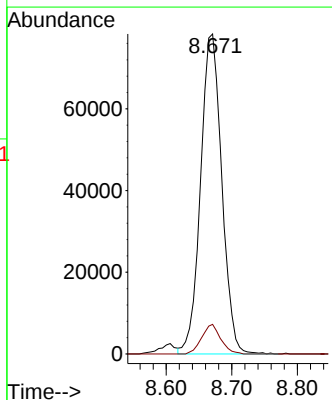
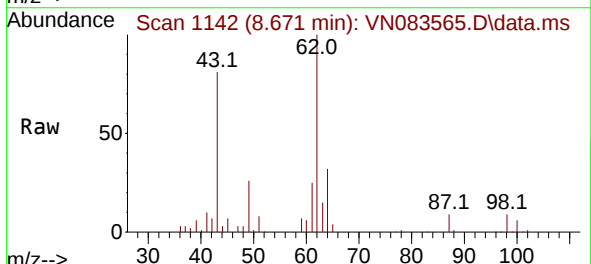
Manual Integrations
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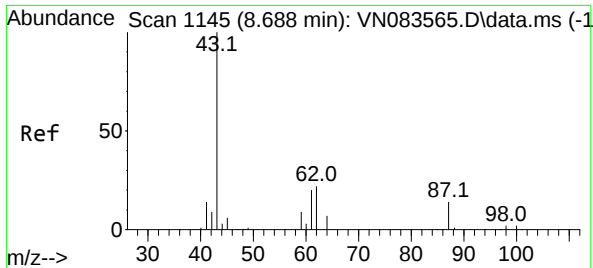
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#42
1,2-Dichloroethane
Concen: 49.167 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Tgt Ion: 62 Resp: 176565
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.6





#43

Isopropyl Acetate

Concen: 45.974 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 289772

Ion Ratio Lower Upper

43 100

61 24.2 19.4 29.0

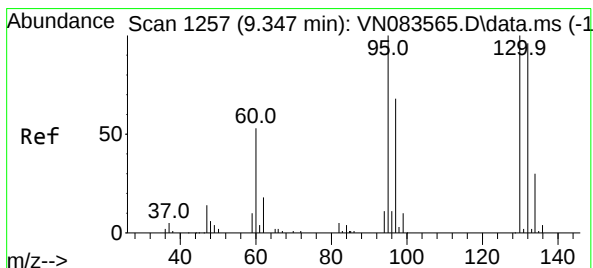
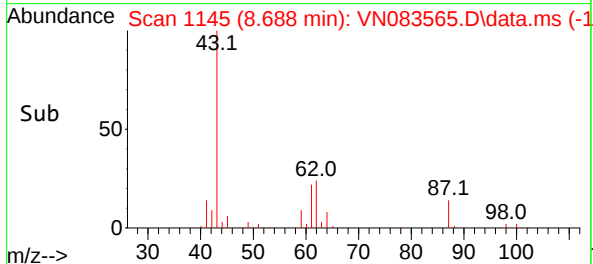
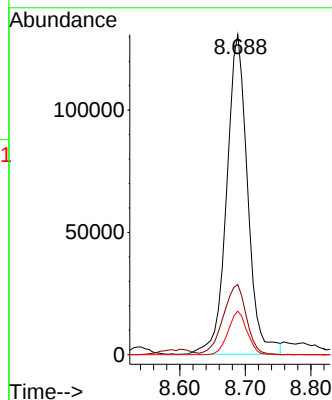
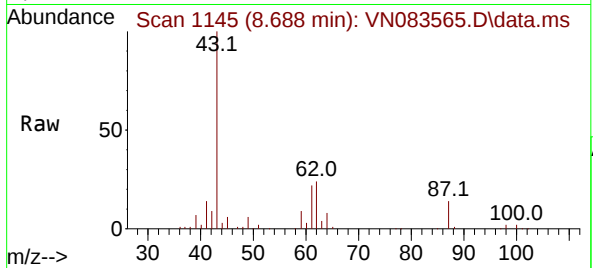
87 12.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#44

Trichloroethene

Concen: 48.613 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN083565.D

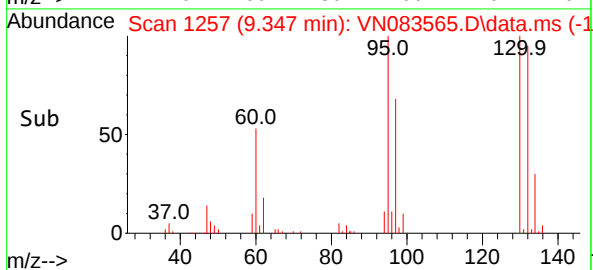
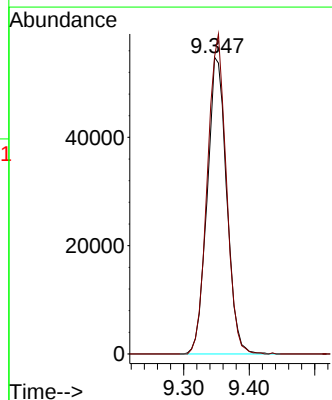
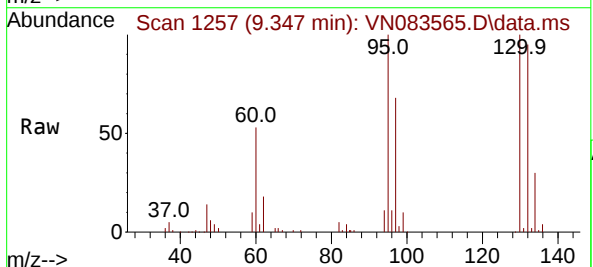
Acq: 30 Aug 2024 09:18

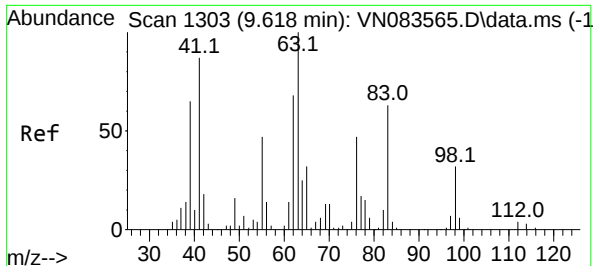
Tgt Ion:130 Resp: 113291

Ion Ratio Lower Upper

130 100

95 100.2 0.0 200.4





#45

1,2-Dichloropropane

Concen: 51.926 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 11718

Ion Ratio Lower Upper

63 100

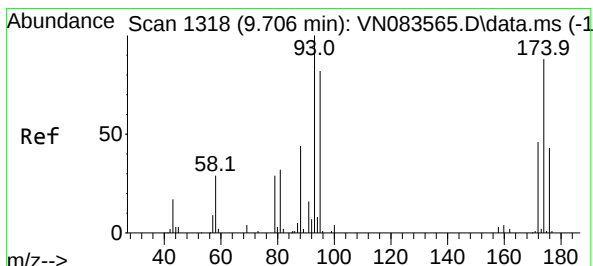
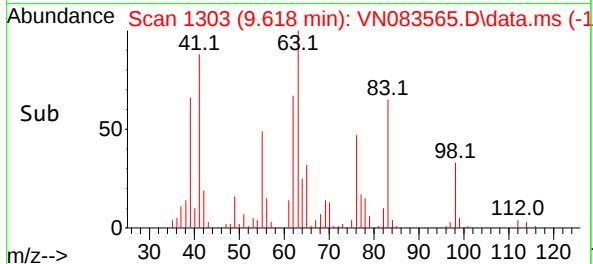
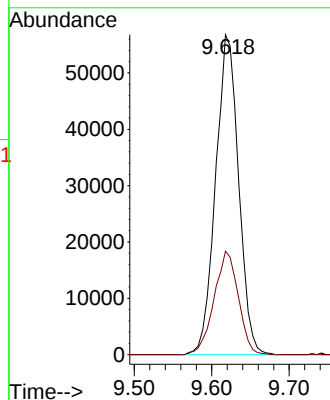
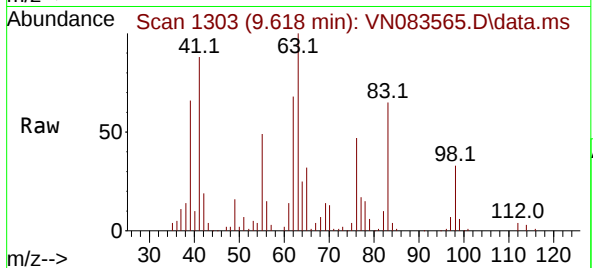
65 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#46

Dibromomethane

Concen: 49.748 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

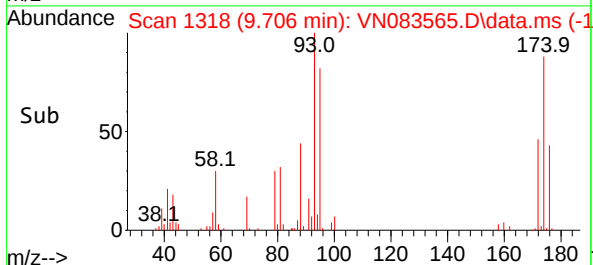
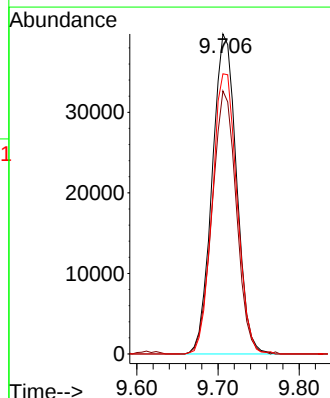
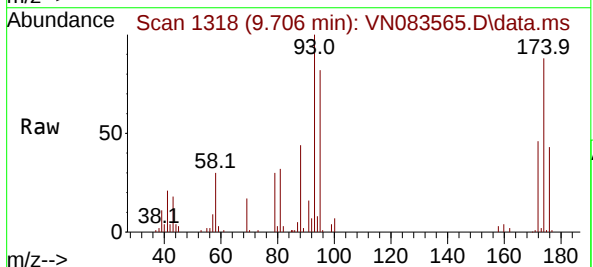
Tgt Ion: 93 Resp: 82828

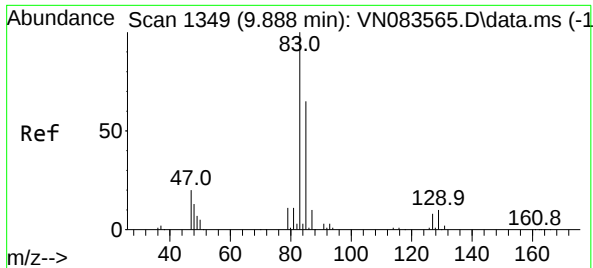
Ion Ratio Lower Upper

93 100

95 81.6 65.3 97.9

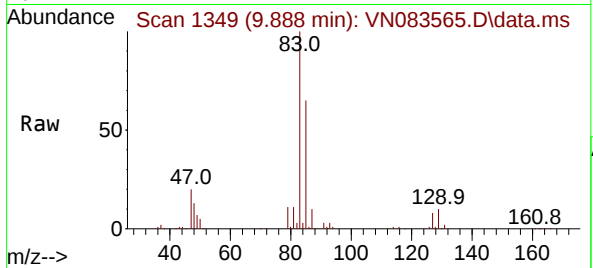
174 88.7 71.0 106.4





#47
Bromodichloromethane
Concen: 50.198 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

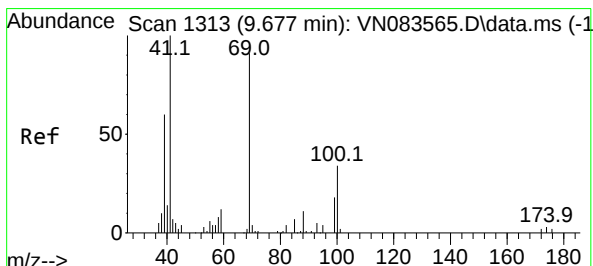
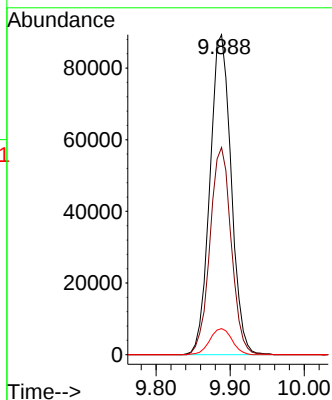
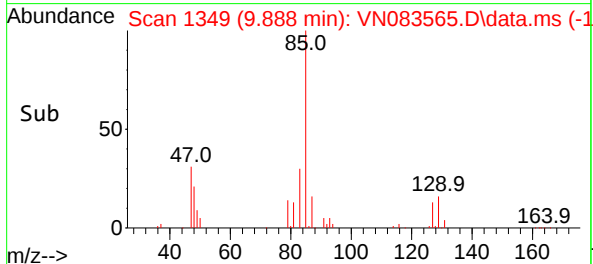
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 177908
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8
127 8.2 6.6 9.8

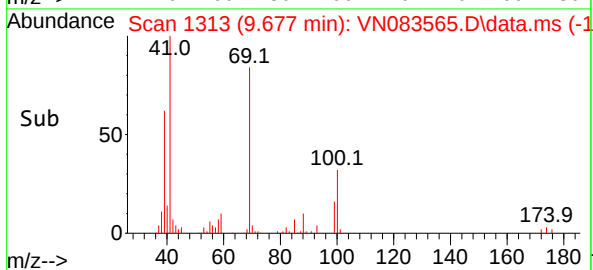
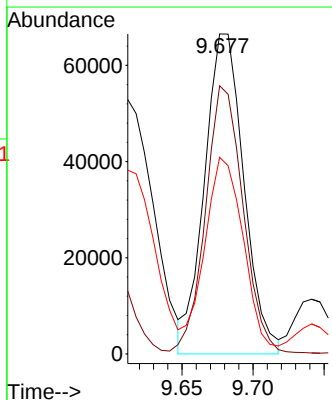
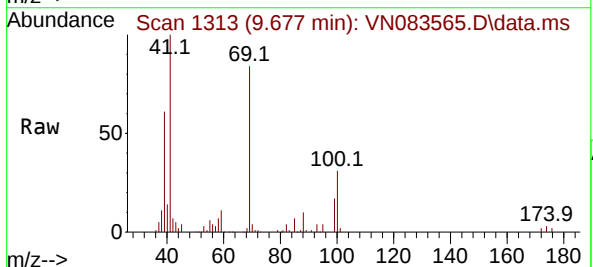
Manual Integrations
APPROVED

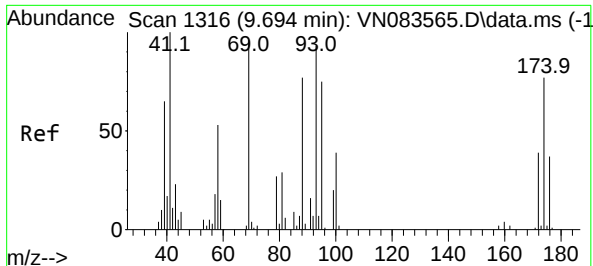
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#48
Methyl methacrylate
Concen: 49.969 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Tgt Ion: 41 Resp: 128457
Ion Ratio Lower Upper
41 100
69 80.4 64.3 96.5
39 61.1 48.9 73.3





#49

1,4-Dioxane

Concen: 1031.018 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 43430

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

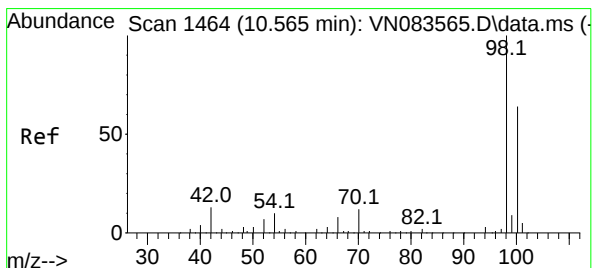
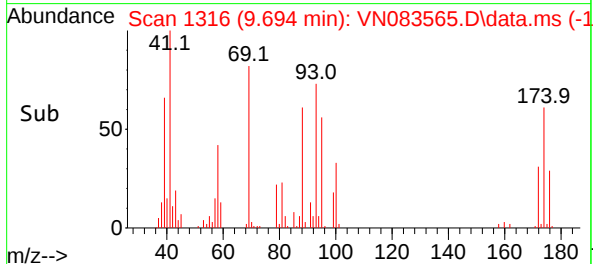
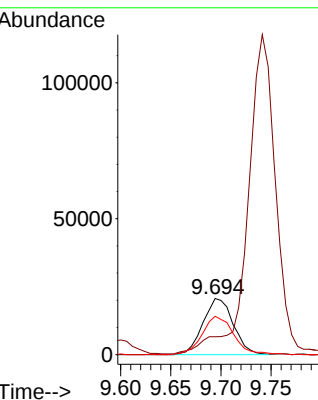
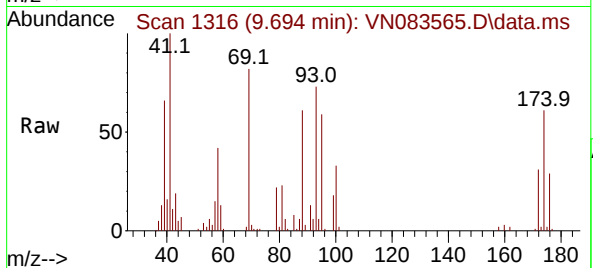
58 71.4 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#50

Toluene-d8

Concen: 50.375 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083565.D

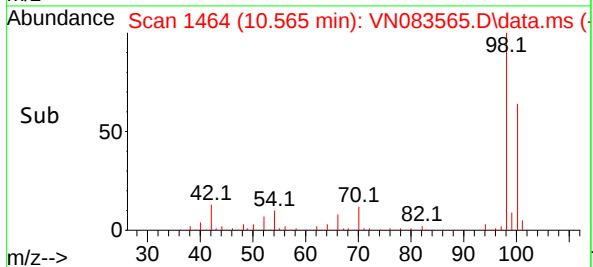
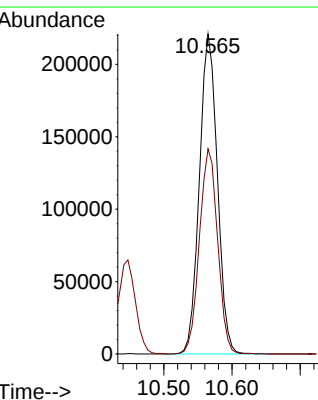
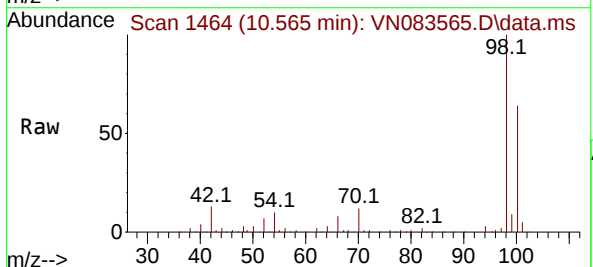
Acq: 30 Aug 2024 09:18

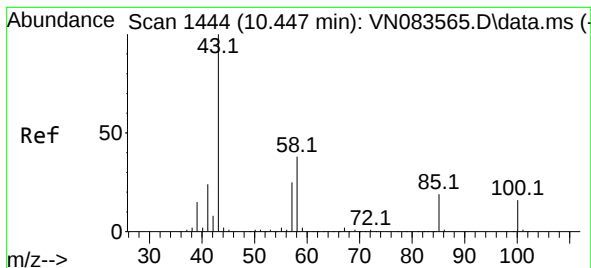
Tgt Ion: 98 Resp: 405553

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0





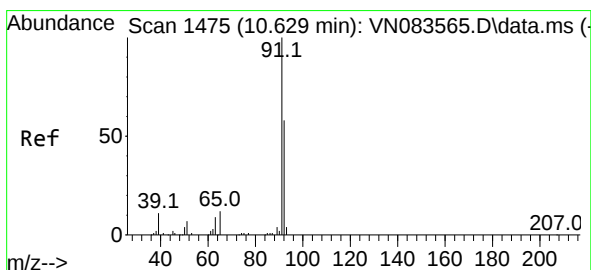
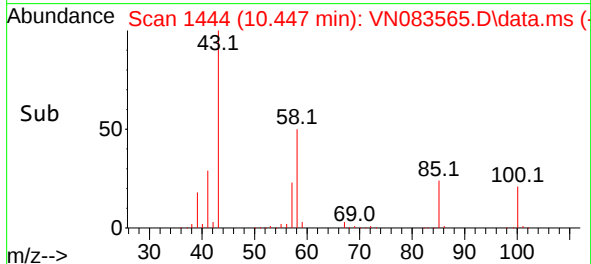
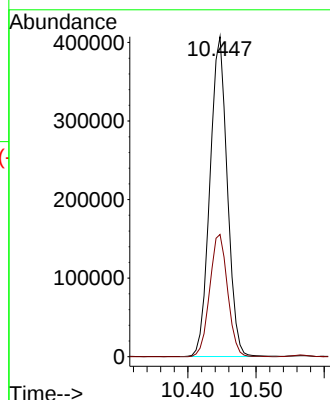
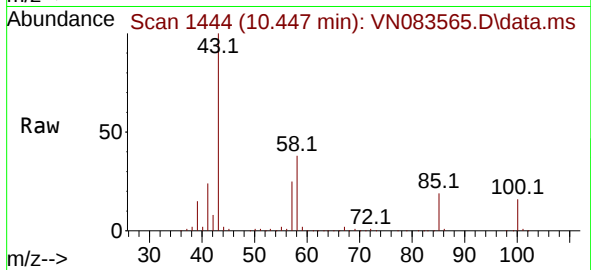
#51
4-Methyl-2-Pentanone
Concen: 247.646 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 721609
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4

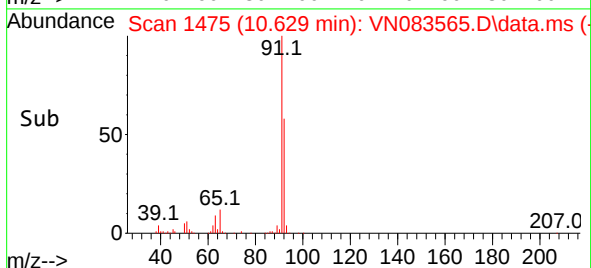
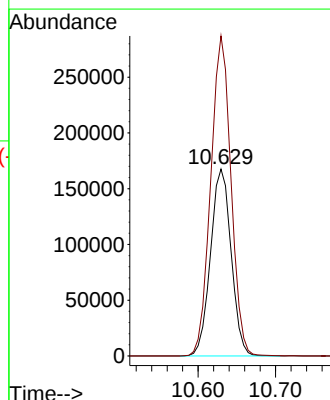
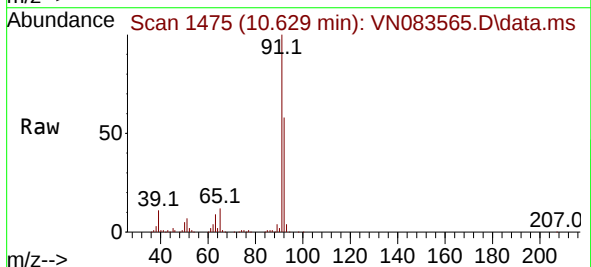
Manual Integrations
APPROVED

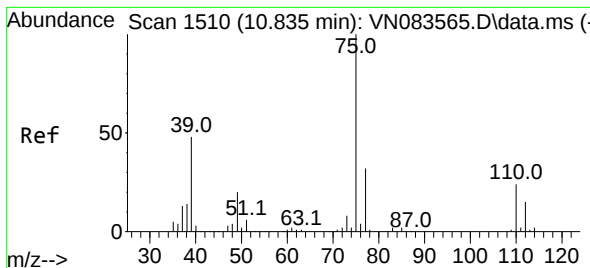
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#52
Toluene
Concen: 51.241 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

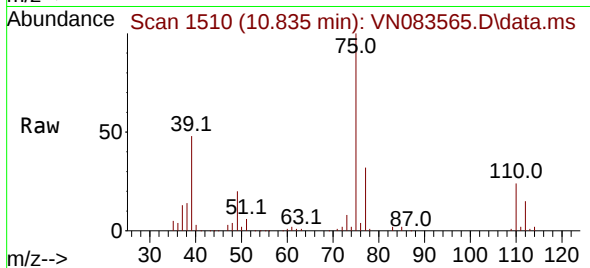
Tgt Ion: 92 Resp: 310466
Ion Ratio Lower Upper
92 100
91 168.4 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 52.384 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

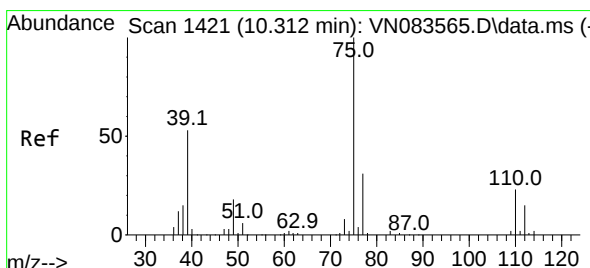
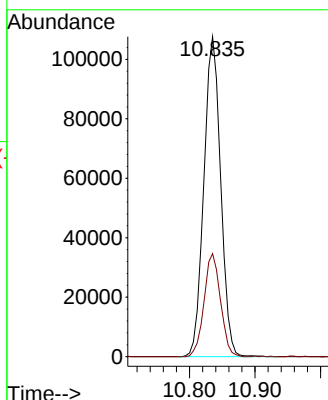
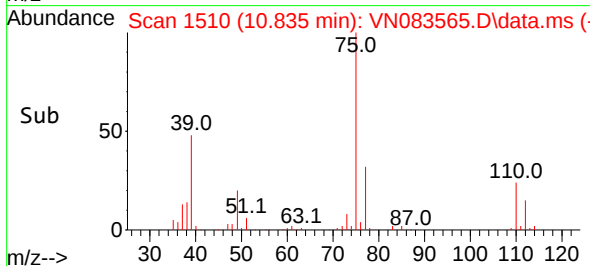
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 192197
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6

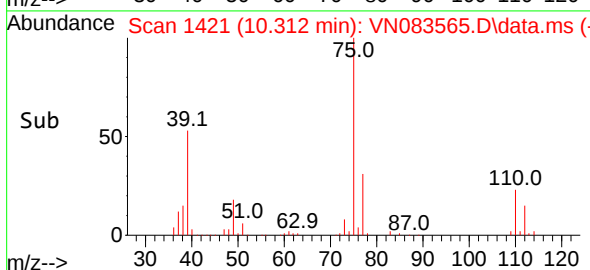
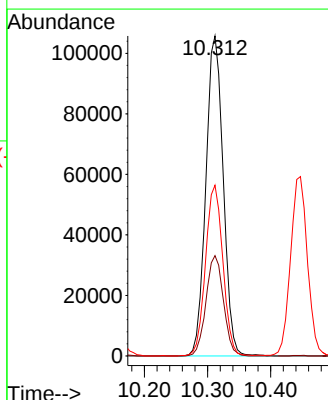
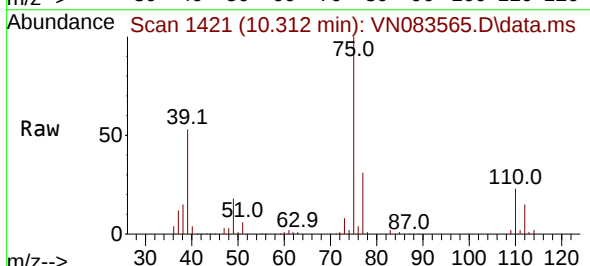
Manual Integrations
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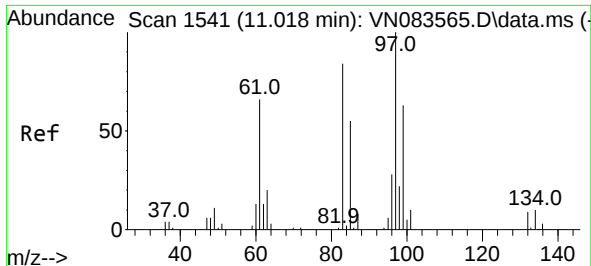
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#54
cis-1,3-Dichloropropene
Concen: 52.380 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

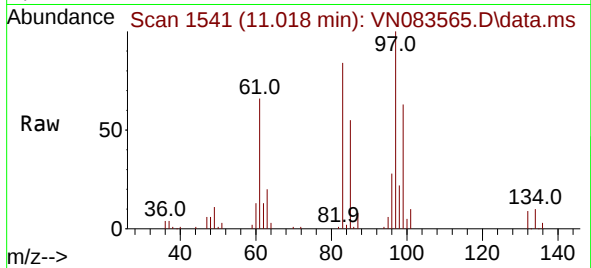
Tgt Ion: 75 Resp: 201718
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 53.3 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 50.724 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

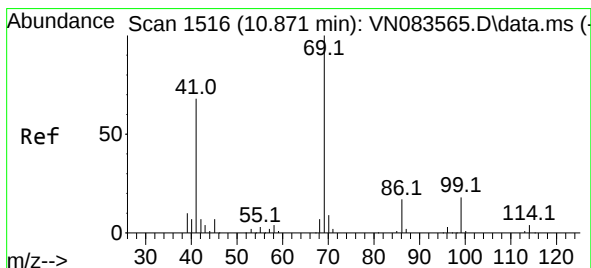
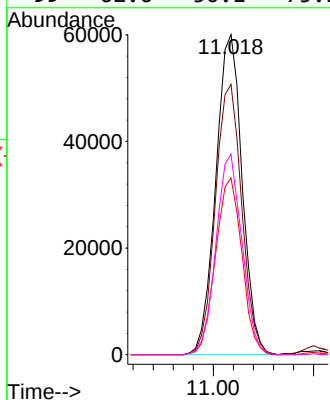
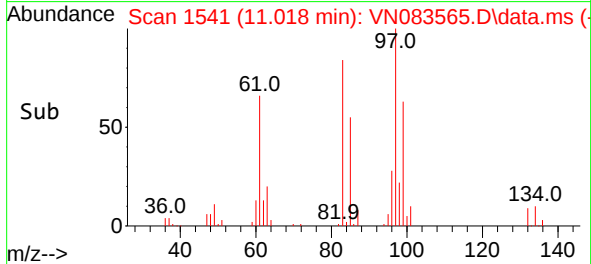
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



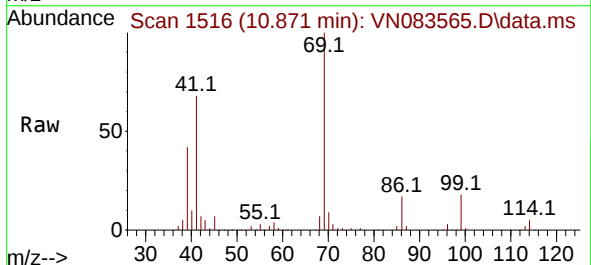
Tgt Ion: 97 Resp: 10969
Ion Ratio Lower Upper
97 100
83 84.4 67.5 101.3
85 55.2 44.2 66.2
99 62.6 50.1 75.1

Manual Integrations
APPROVED

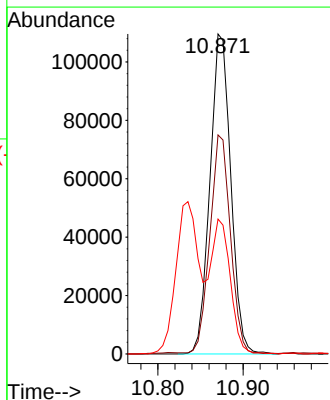
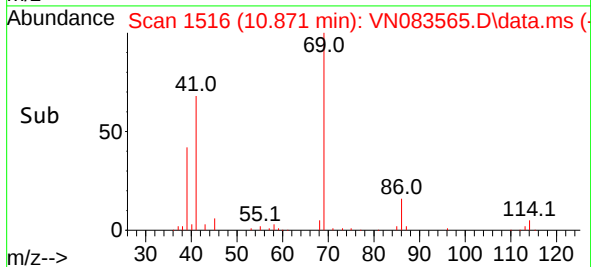
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

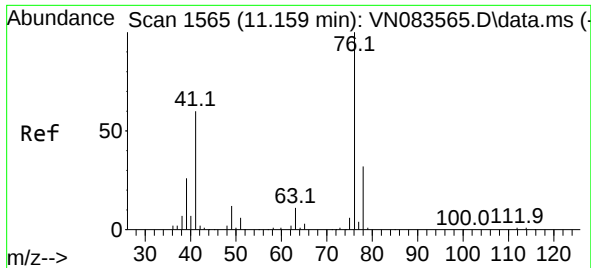


#56
Ethyl methacrylate
Concen: 51.979 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18



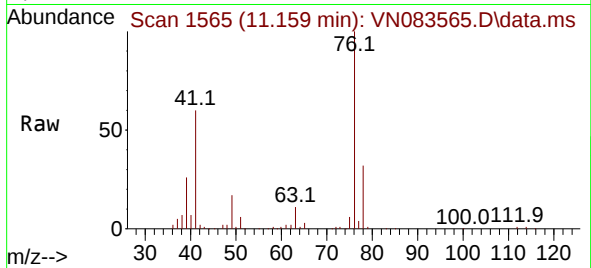
Tgt Ion: 69 Resp: 185957
Ion Ratio Lower Upper
69 100
41 67.4 53.9 80.9
39 40.7 32.6 48.8





#57
1,3-Dichloropropane
Concen: 50.339 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

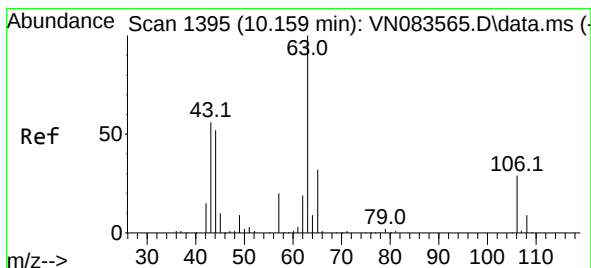
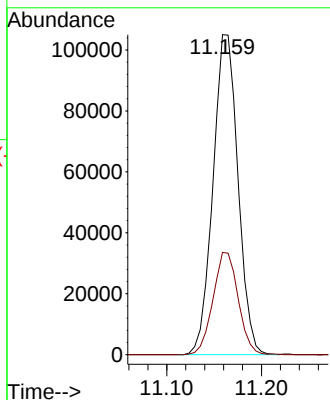
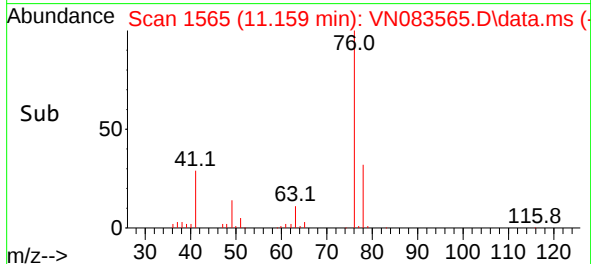
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 192730
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

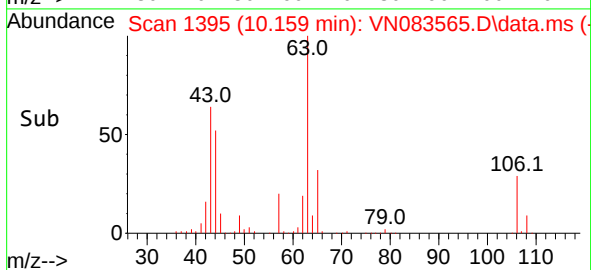
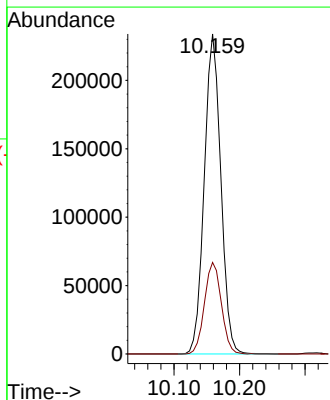
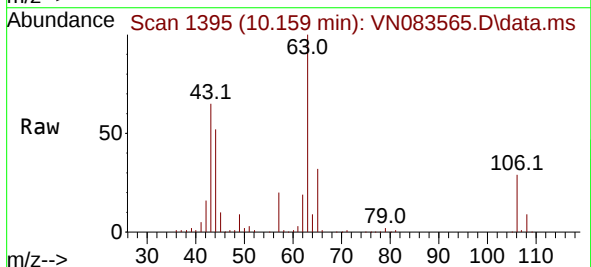
Manual Integrations
APPROVED

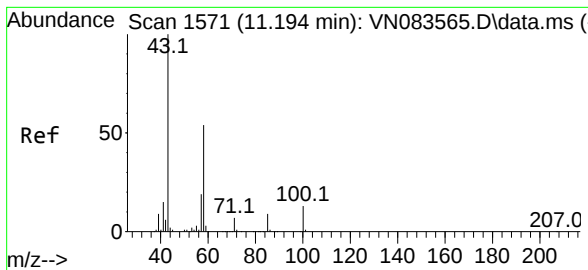
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#58
2-Chloroethyl Vinyl ether
Concen: 264.313 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

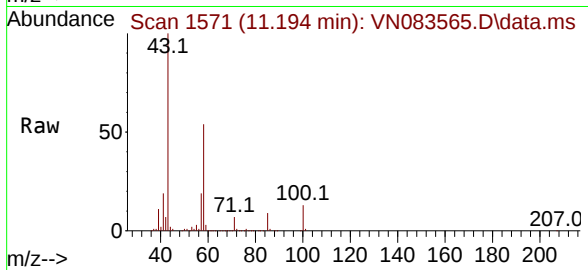
Tgt Ion: 63 Resp: 410878
Ion Ratio Lower Upper
63 100
106 29.1 23.3 34.9





#59
2-Hexanone
Concen: 251.332 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

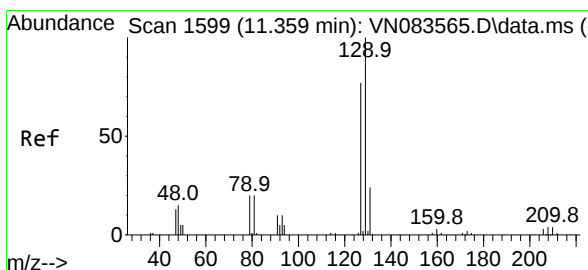
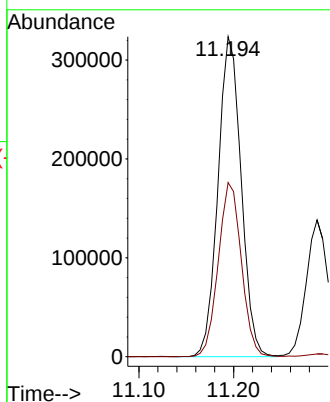
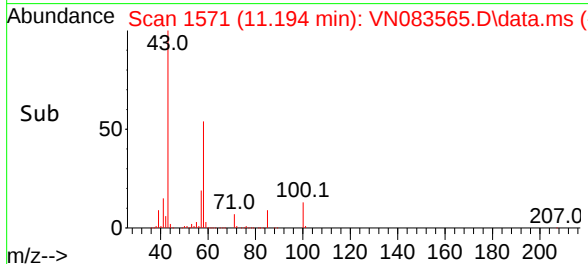
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 549608
Ion Ratio Lower Upper
43 100
58 54.3 27.2 81.5

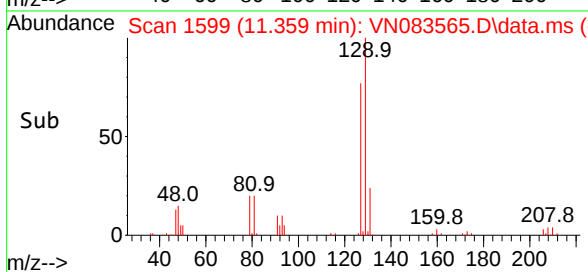
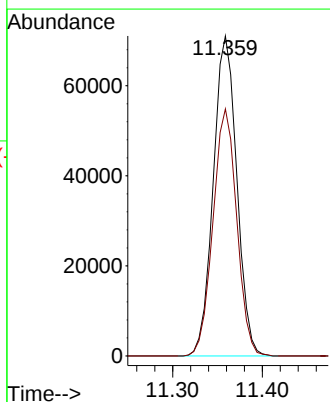
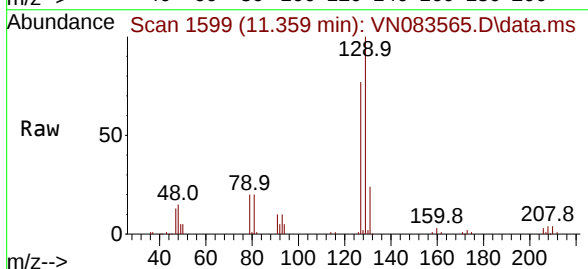
Manual Integrations
APPROVED

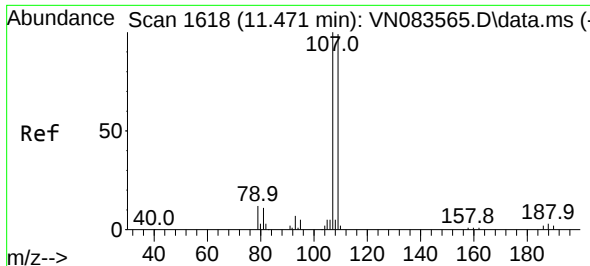
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#60
Dibromochloromethane
Concen: 51.576 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

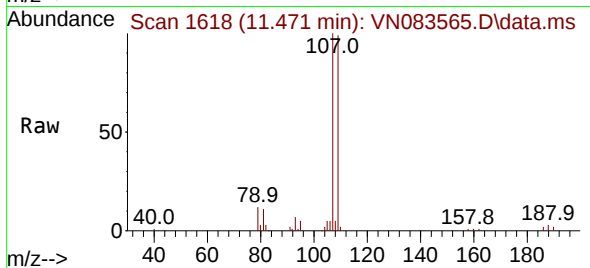
Tgt Ion:129 Resp: 129239
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9





#61
1,2-Dibromoethane
Concen: 50.804 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

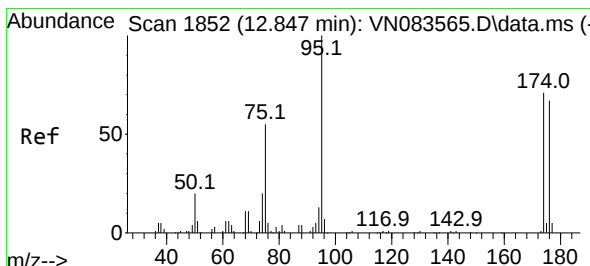
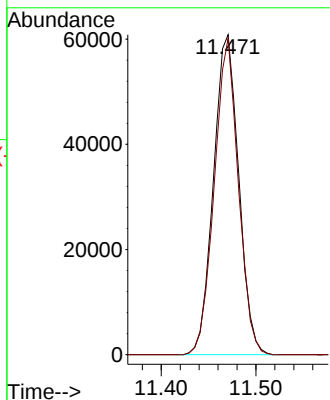
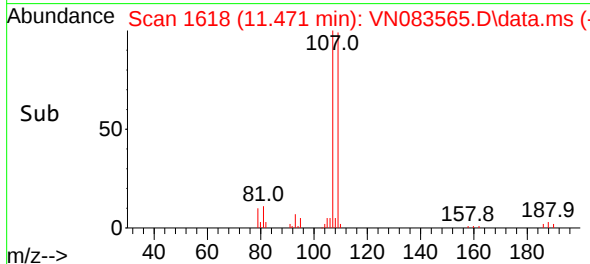
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 112240
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

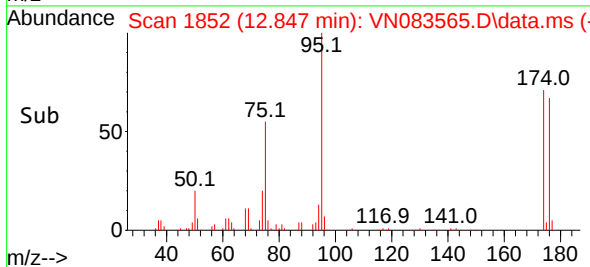
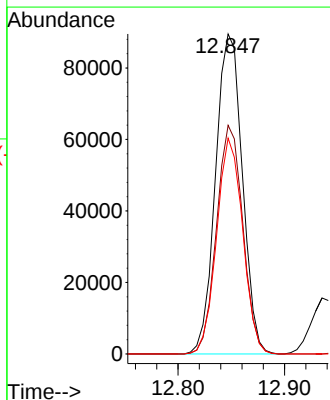
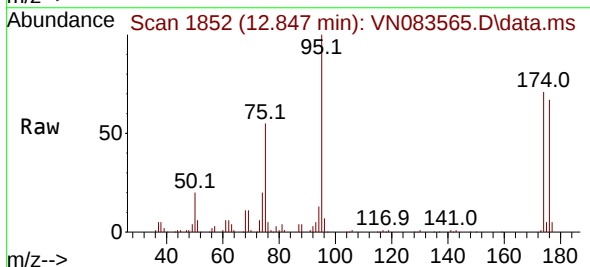
Manual Integrations
APPROVED

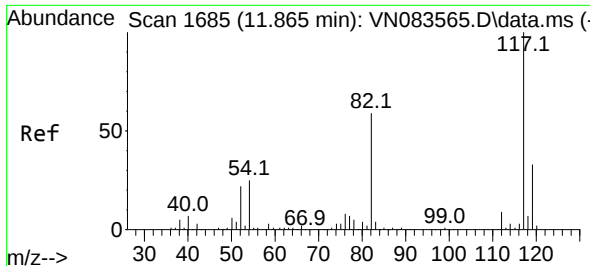
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#62
4-Bromofluorobenzene
Concen: 52.492 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

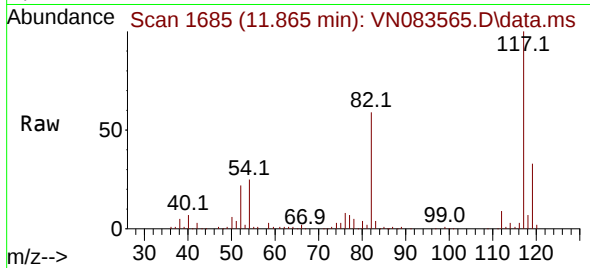
Tgt Ion: 95 Resp: 156346
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.8
176 65.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

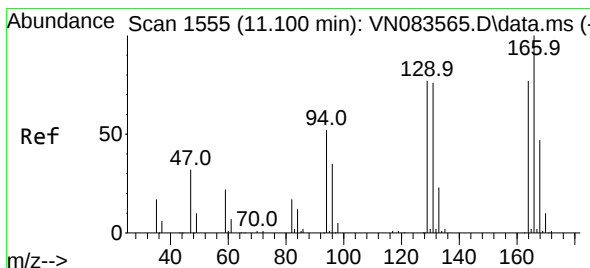
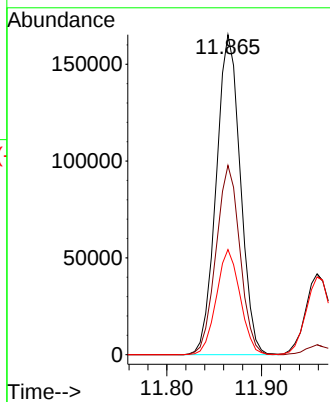
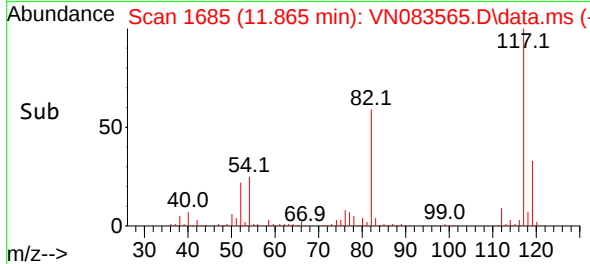
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 292778
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.0
119 32.9 26.3 39.5

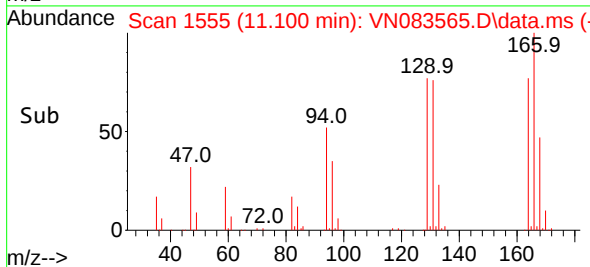
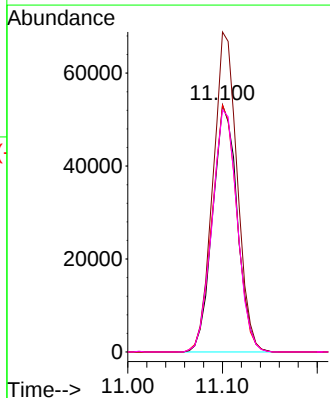
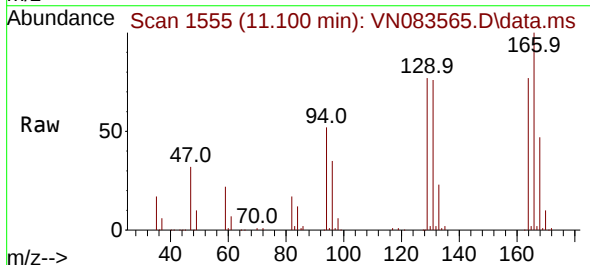
Manual Integrations
APPROVED

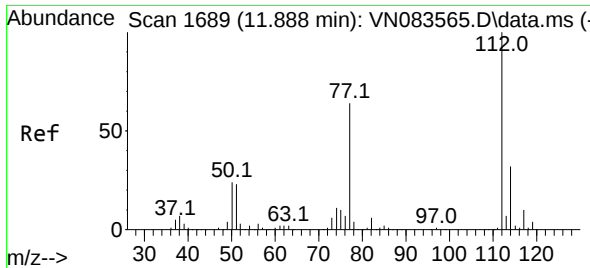
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#64
Tetrachloroethene
Concen: 49.975 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Tgt Ion:164 Resp: 96174
Ion Ratio Lower Upper
164 100
166 129.6 103.7 155.5
129 99.9 79.9 119.9
131 98.0 78.4 117.6





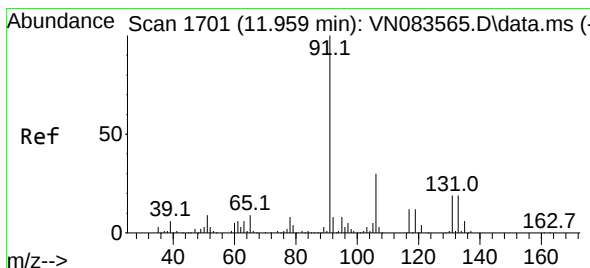
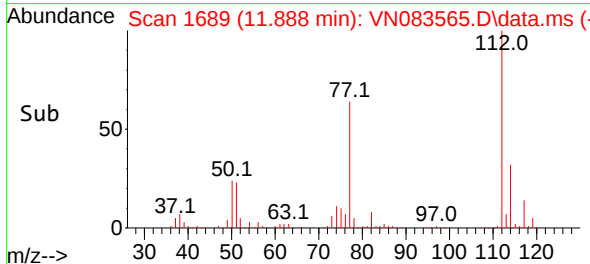
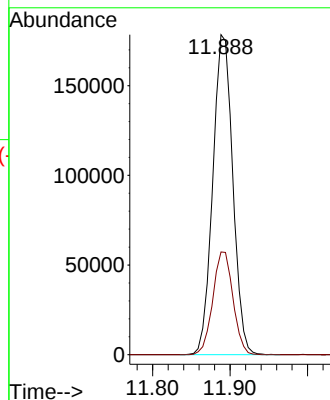
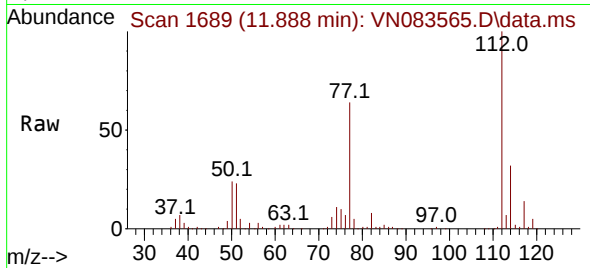
#65
Chlorobenzene
Concen: 48.707 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 319800
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

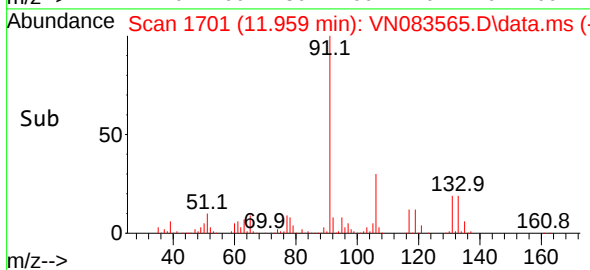
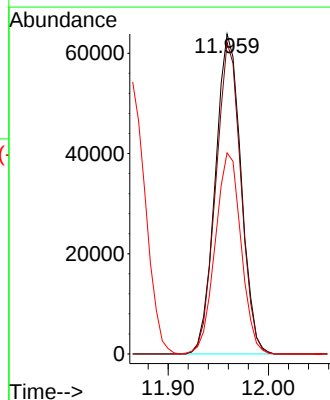
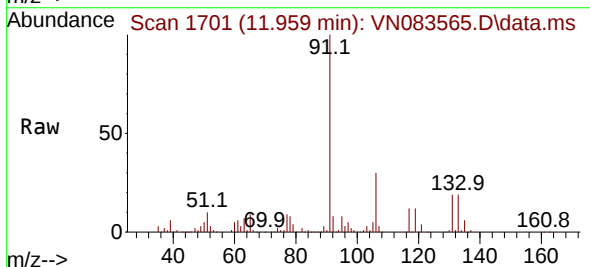
Manual Integrations
APPROVED

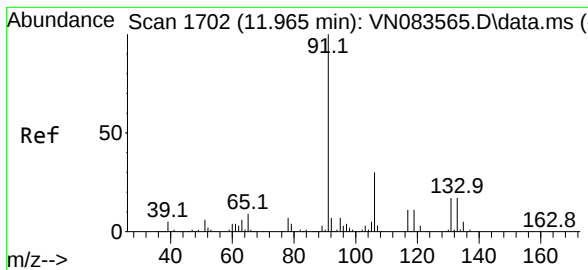
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.240 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

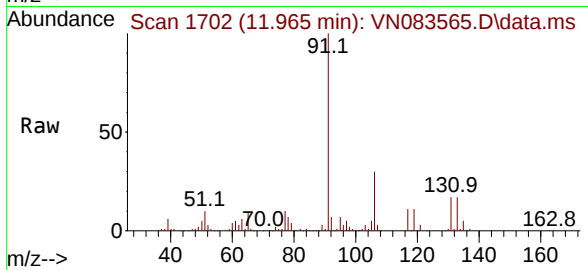
Tgt Ion:131 Resp: 113592
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 63.2 31.6 94.8





#67
Ethyl Benzene
Concen: 50.813 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

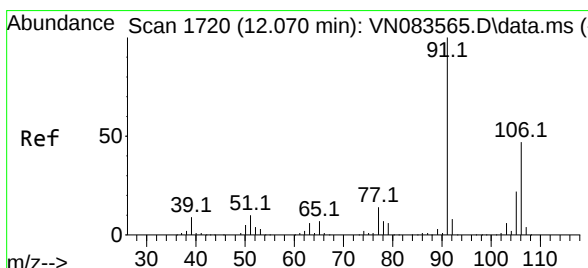
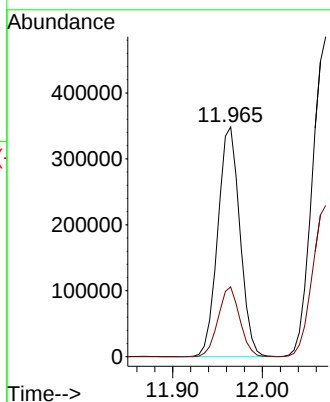
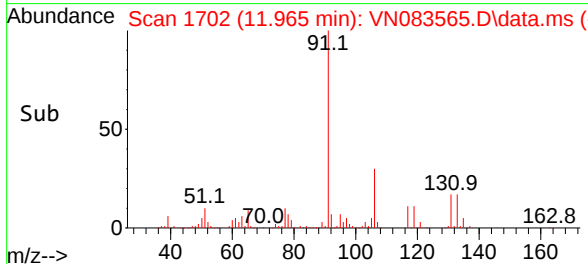
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 595548
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

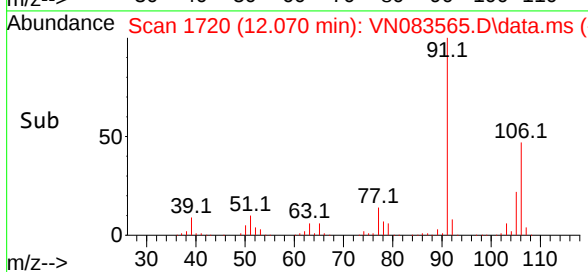
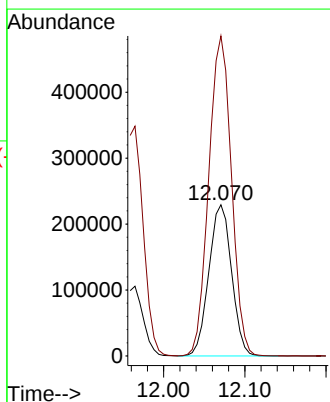
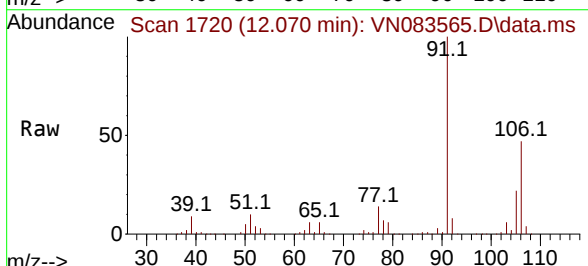
Manual Integrations
APPROVED

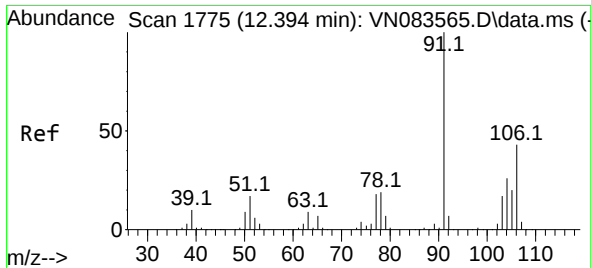
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#68
m/p-Xylenes
Concen: 101.028 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Tgt Ion:106 Resp: 446066
Ion Ratio Lower Upper
106 100
91 211.5 169.2 253.8





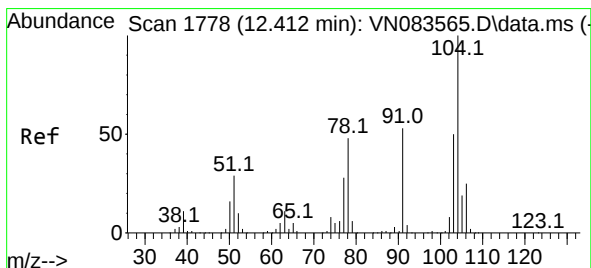
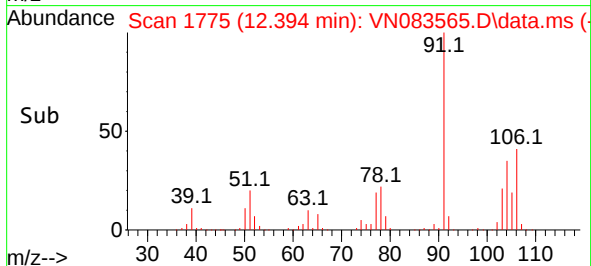
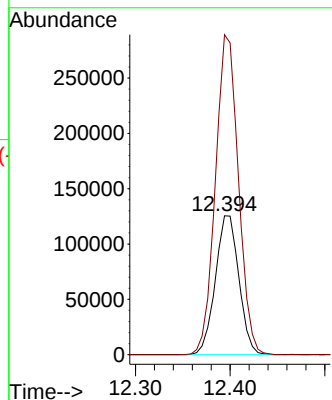
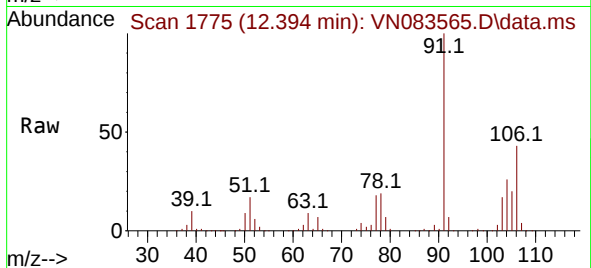
#69
o-Xylene
Concen: 50.761 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 216620
Ion Ratio Lower Upper
106 100
91 225.7 112.9 338.6

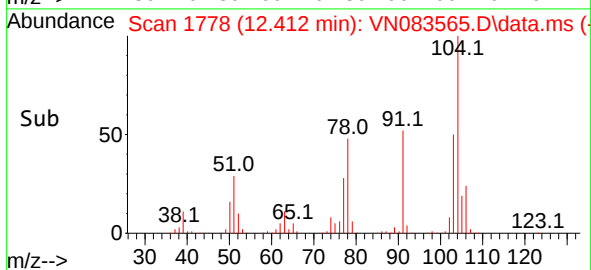
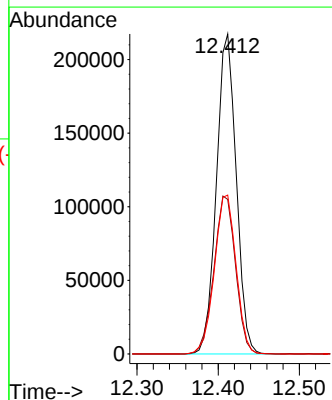
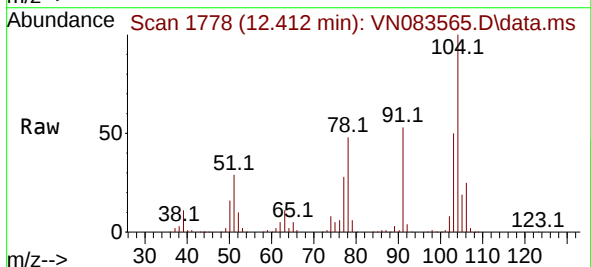
Manual Integrations
APPROVED

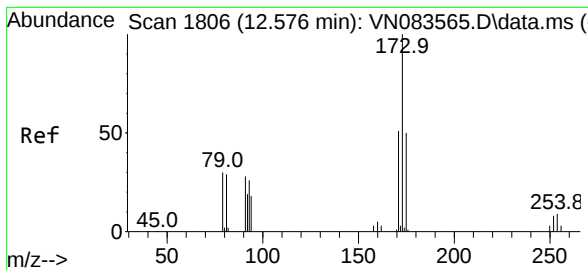
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#70
Styrene
Concen: 51.338 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

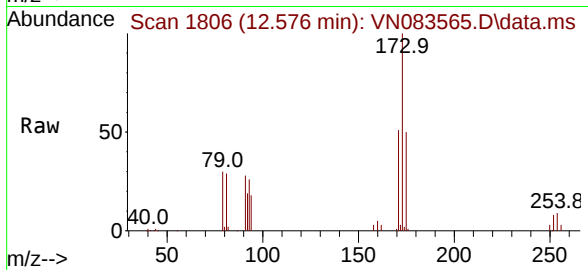
Tgt Ion:104 Resp: 368366
Ion Ratio Lower Upper
104 100
78 54.1 43.3 64.9
103 54.3 43.4 65.2





#71
Bromoform
Concen: 52.582 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

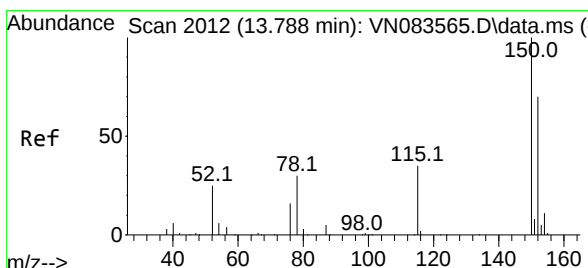
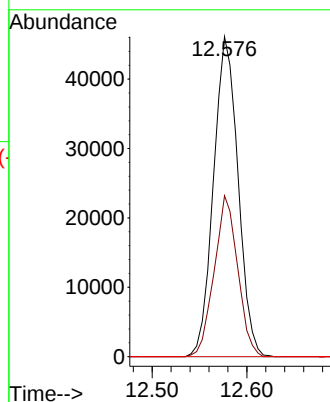
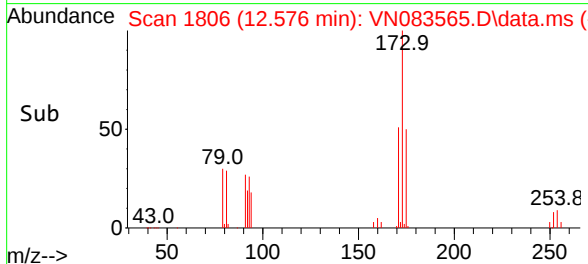
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



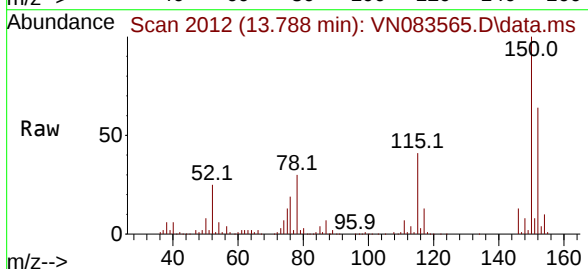
Tgt Ion:173 Resp: 83028
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

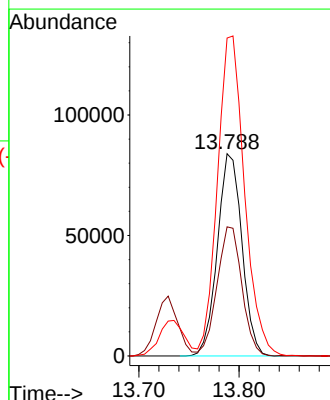
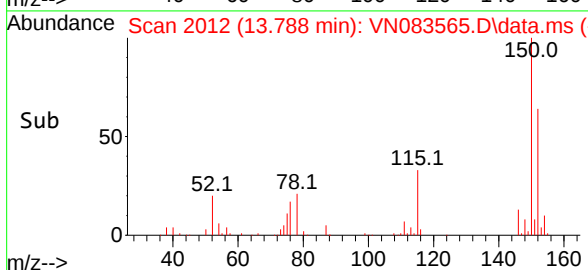
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

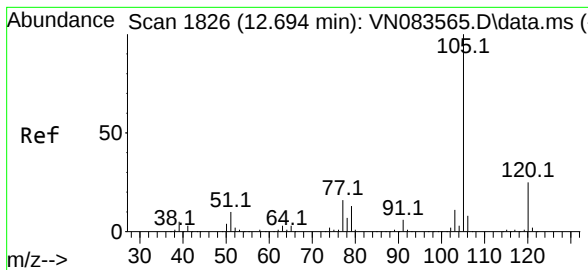


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18



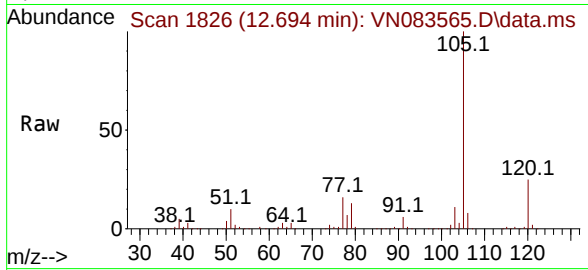
Tgt Ion:152 Resp: 142716
Ion Ratio Lower Upper
152 100
115 64.4 32.2 96.6
150 174.3 0.0 348.6





#73
Isopropylbenzene
Concen: 49.883 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

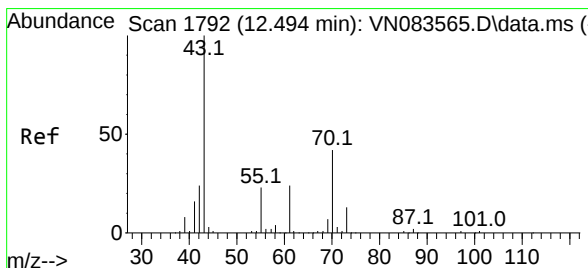
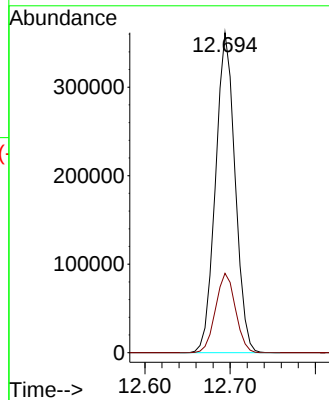
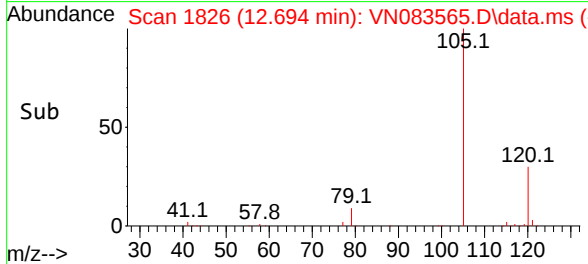
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 576204
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.8

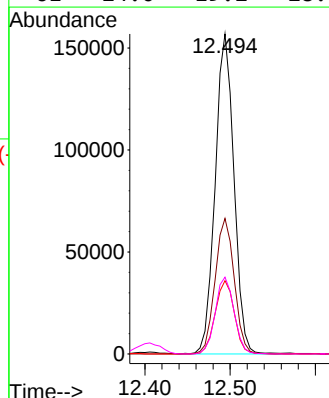
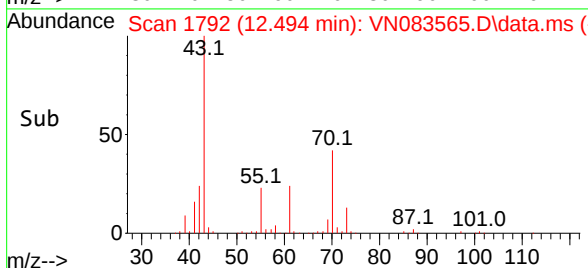
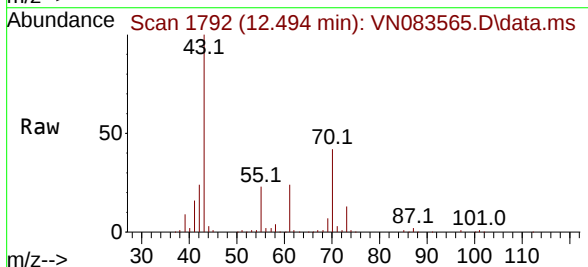
Manual Integrations
APPROVED

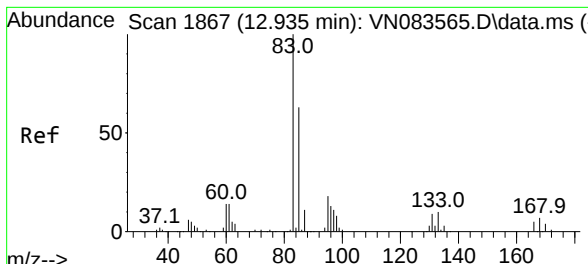
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#74
N-ethyl acetate
Concen: 47.912 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Tgt Ion: 43 Resp: 240216
Ion Ratio Lower Upper
43 100
70 43.1 34.5 51.7
55 23.3 18.6 28.0
61 24.0 19.2 28.8



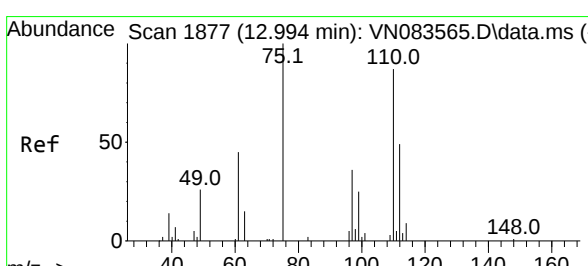
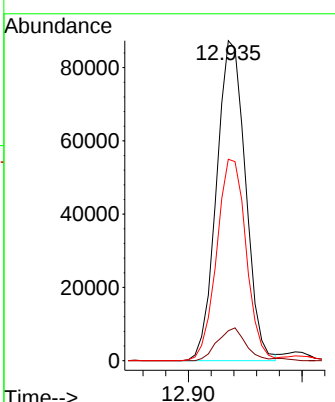
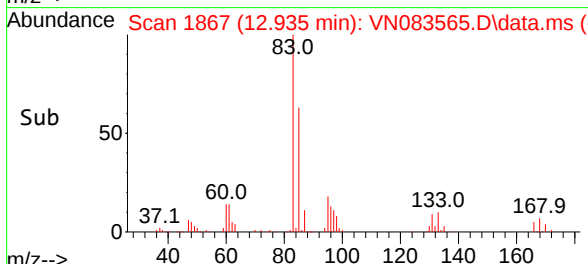
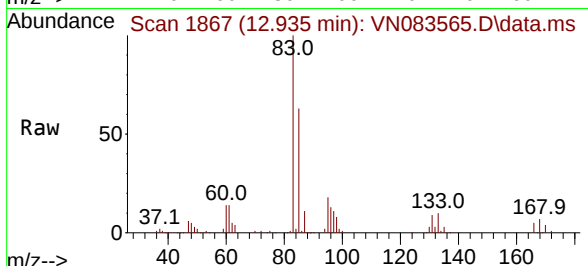


#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.203 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN083565.D
 Acq: 30 Aug 2024 09:18

Instrument : MSVOA_N
 ClientSampleId : VSTDICCC050

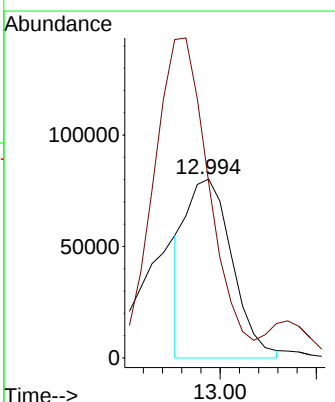
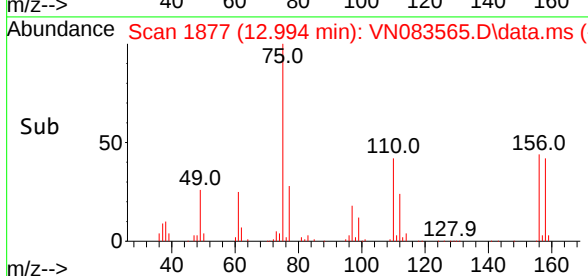
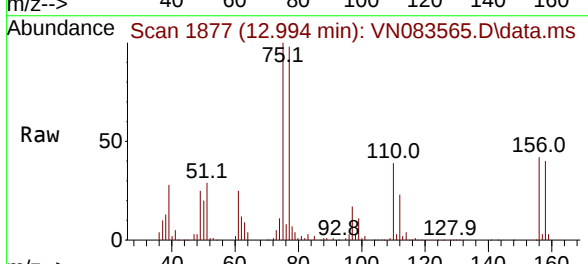
Tgt Ion:	83	Resp:	154792
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	63.9	31.9	95.9

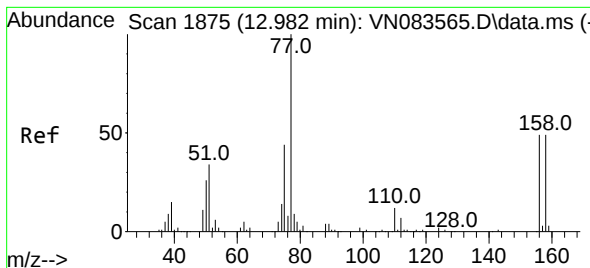
Manual Integrations
APPROVED
 Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#76
 1,2,3-Trichloropropane
 Concen: 44.451 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN083565.D
 Acq: 30 Aug 2024 09:18

Tgt Ion:	75	Resp:	134271
Ion Ratio	Lower	Upper	
75	100		
77	216.3	95.2	285.6





#77

Bromobenzene

Concen: 46.850 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

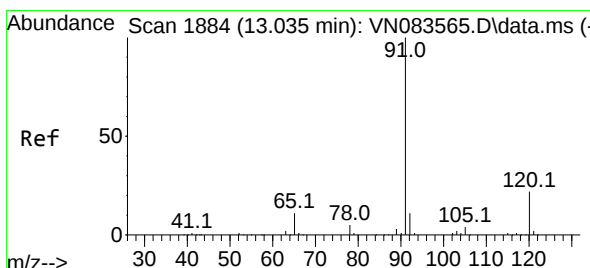
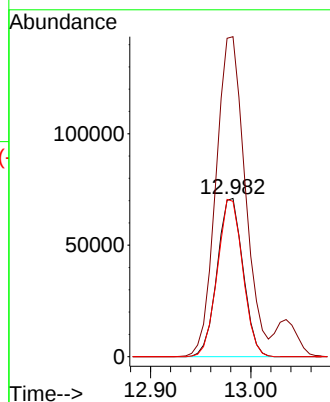
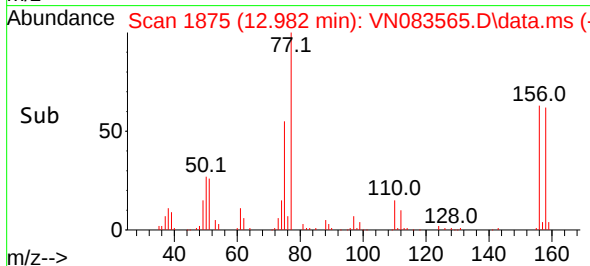
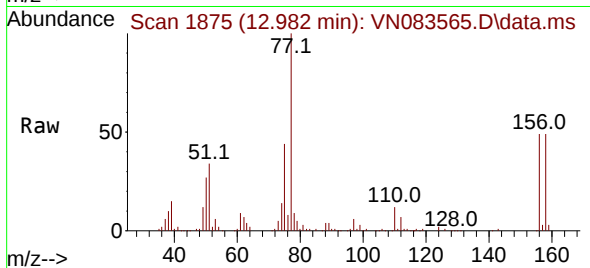
Tgt Ion:156 Resp: 126964
 Ion Ratio Lower Upper
 156 100
 77 228.7 114.3 343.1
 158 97.8 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#78

n-propylbenzene

Concen: 49.745 ug/l

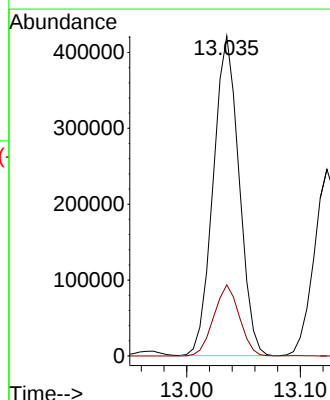
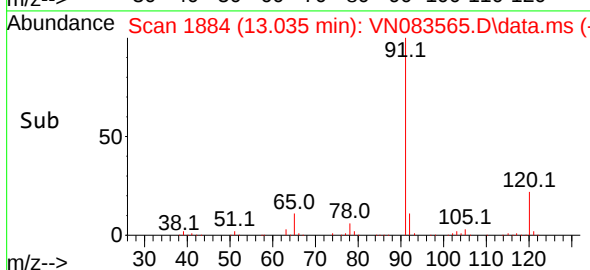
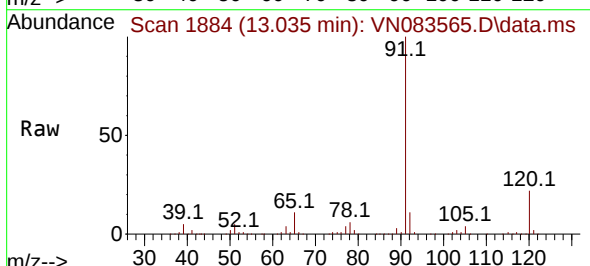
RT: 13.035 min Scan# 1884

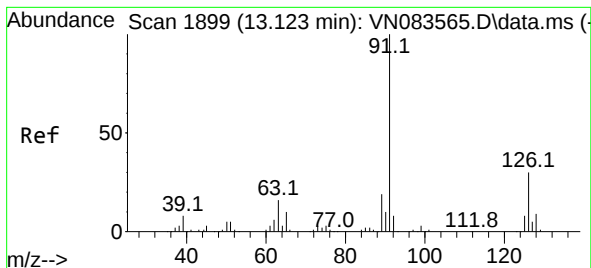
Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Tgt Ion: 91 Resp: 664358
 Ion Ratio Lower Upper
 91 100
 120 22.0 11.0 33.0





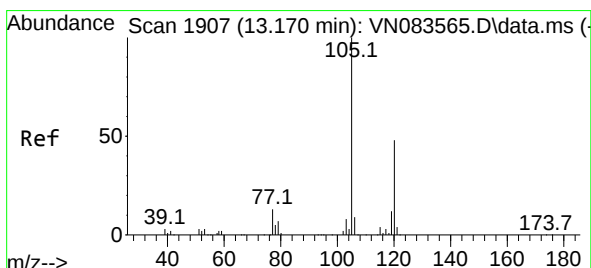
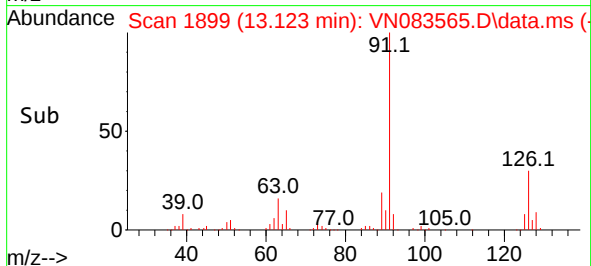
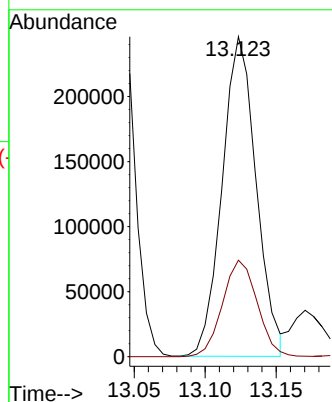
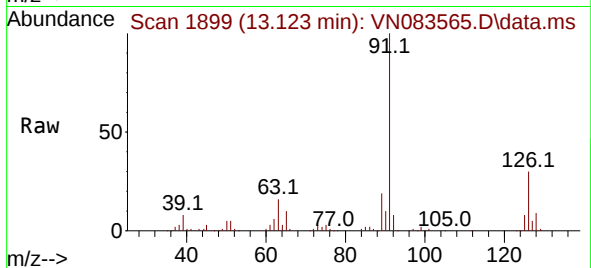
#79
2-Chlorotoluene
Concen: 47.327 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 409572
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2

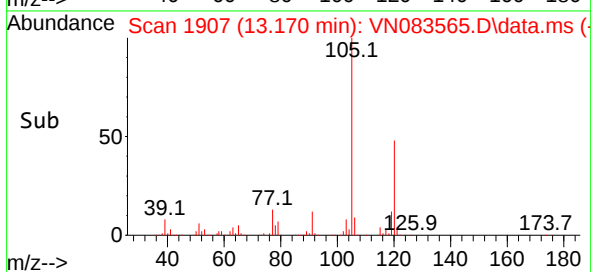
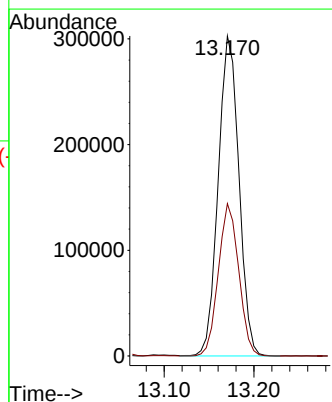
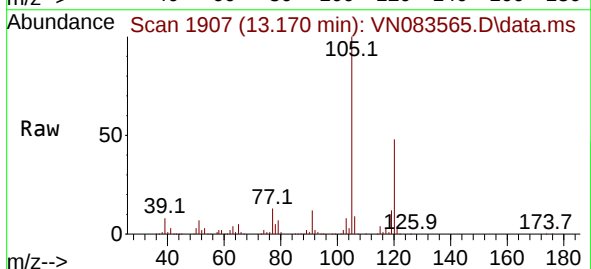
Manual Integrations
APPROVED

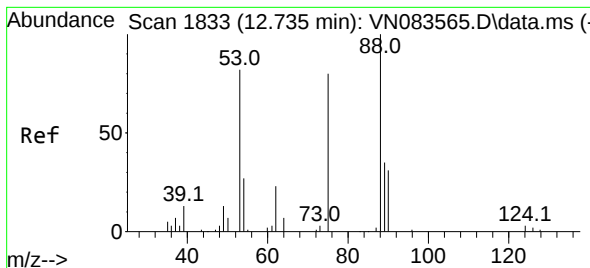
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.885 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Tgt Ion:105 Resp: 485429
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.3





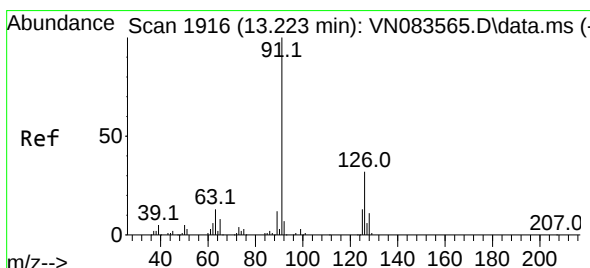
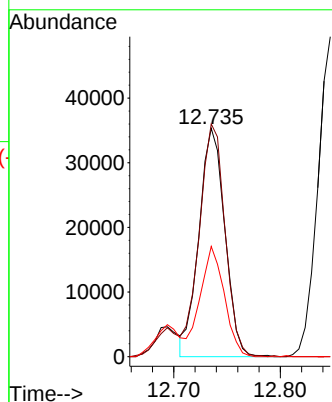
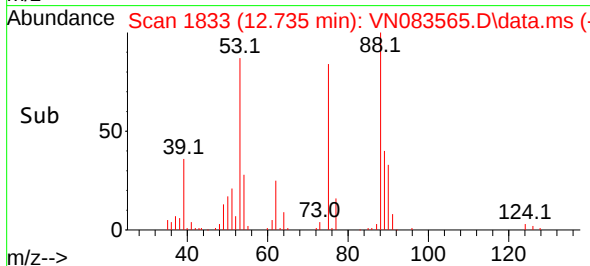
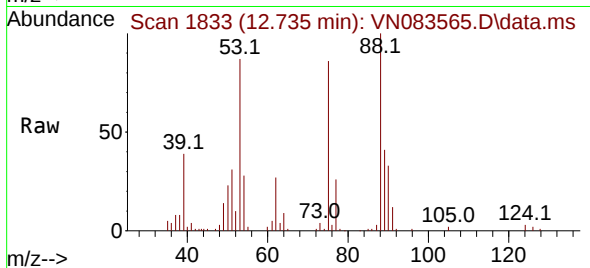
#81
trans-1,4-Dichloro-2-butene
Concen: 48.828 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 59652
Ion Ratio Lower Upper
75 100
53 101.5 81.2 121.8
89 44.6 35.7 53.5

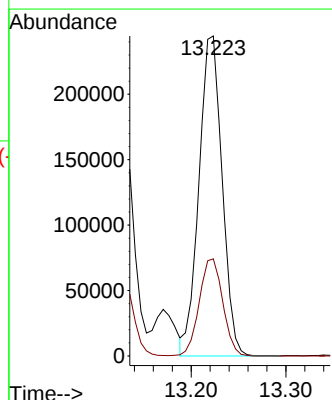
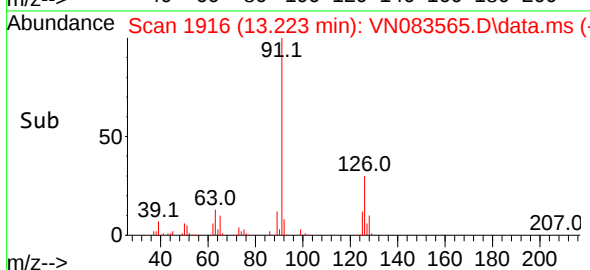
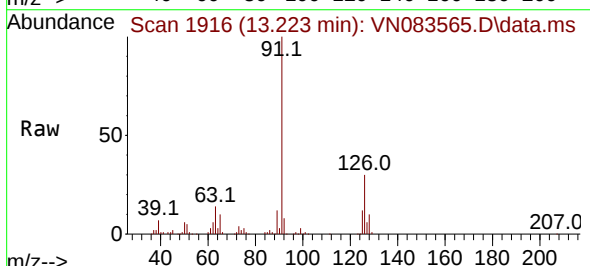
Manual Integrations
APPROVED

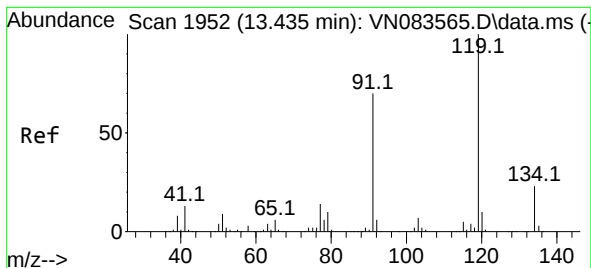
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#82
4-Chlorotoluene
Concen: 47.270 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

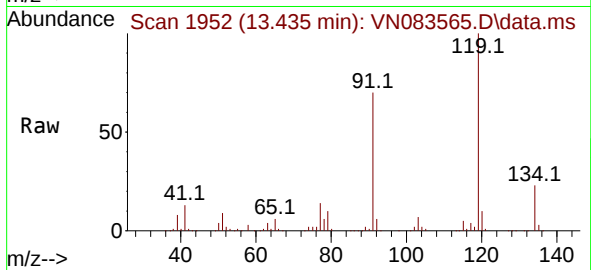
Tgt Ion: 91 Resp: 415580
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2





#83
tert-Butylbenzene
Concen: 50.023 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

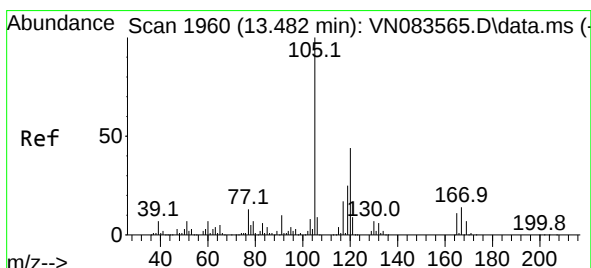
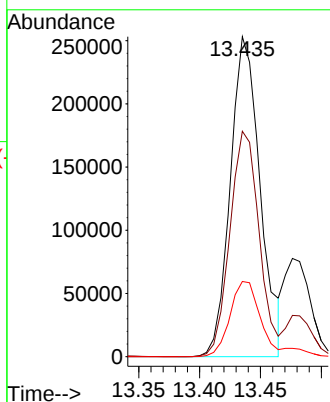
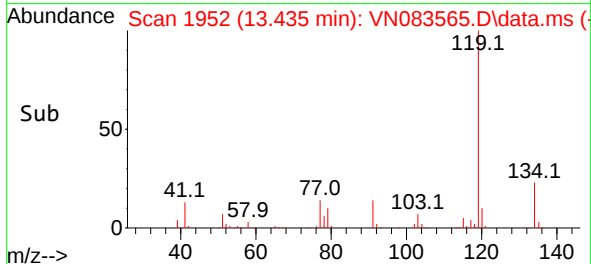
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



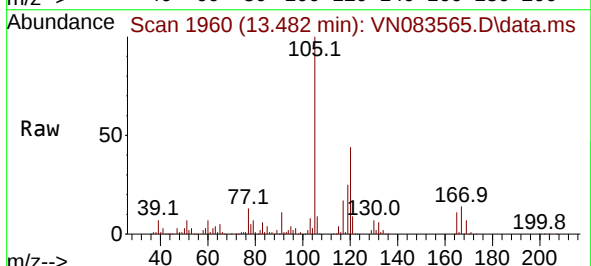
Tgt Ion:119 Resp: 432770
Ion Ratio Lower Upper
119 100
91 69.1 34.5 103.6
134 25.6 12.8 38.4

Manual Integrations
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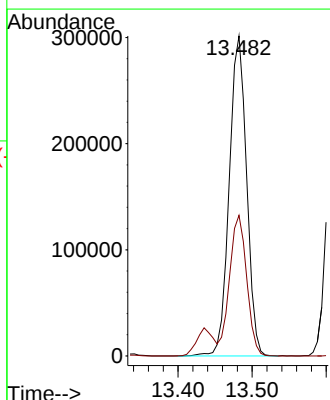
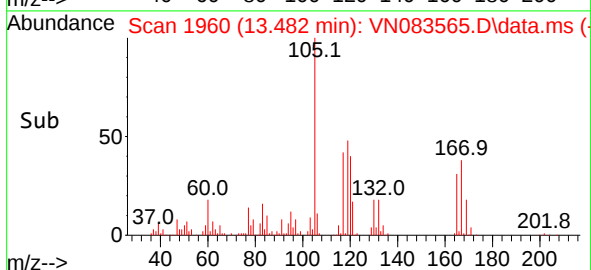
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

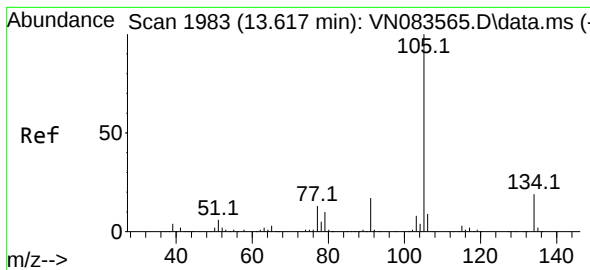


#84
1,2,4-Trimethylbenzene
Concen: 50.014 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18



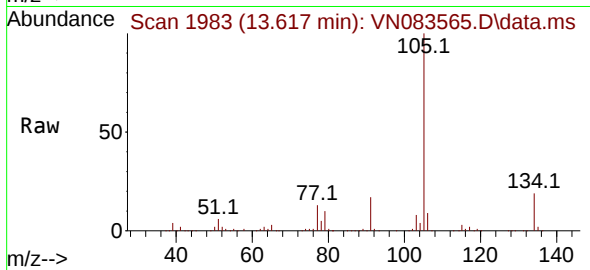
Tgt Ion:105 Resp: 489876
Ion Ratio Lower Upper
105 100
120 43.6 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 50.761 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083565.D
 Acq: 30 Aug 2024 09:18

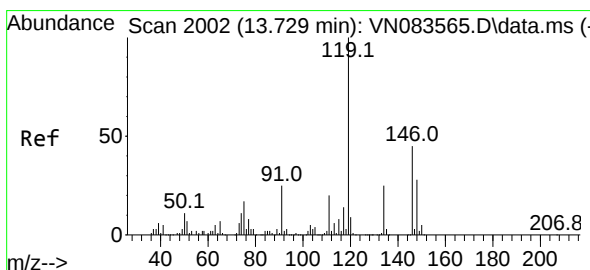
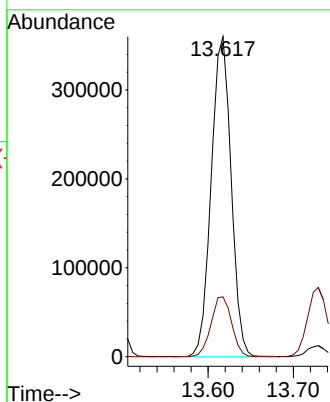
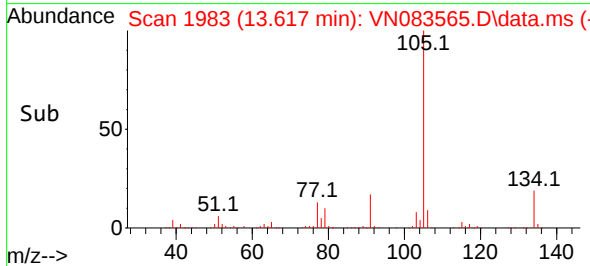
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



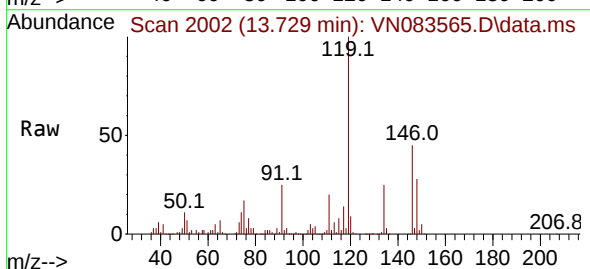
Tgt Ion:105 Resp: 58369
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1

Manual Integrations
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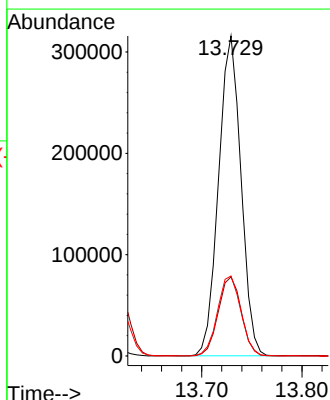
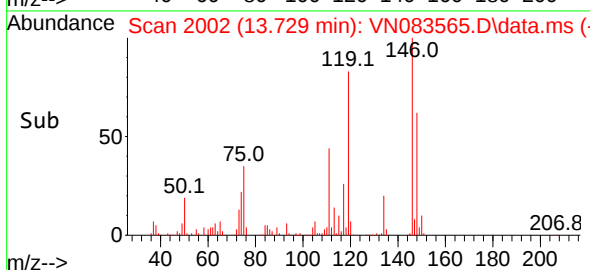
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024

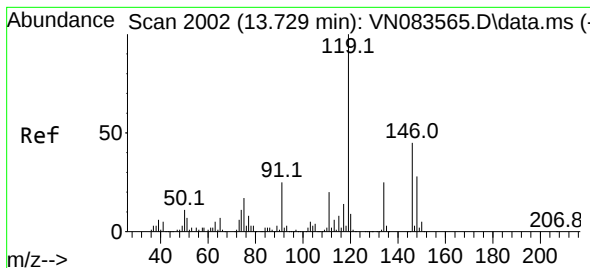


#86
 p-Isopropyltoluene
 Concen: 50.948 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083565.D
 Acq: 30 Aug 2024 09:18



Tgt Ion:119 Resp: 489323
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 25.8 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 46.683 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

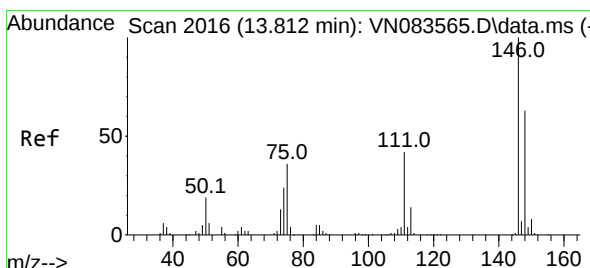
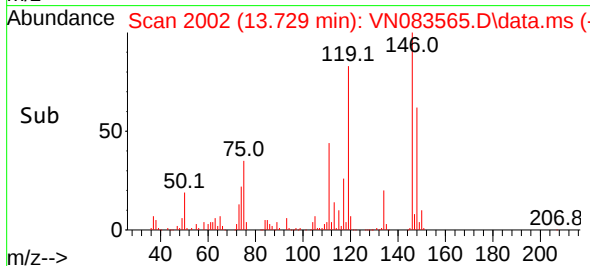
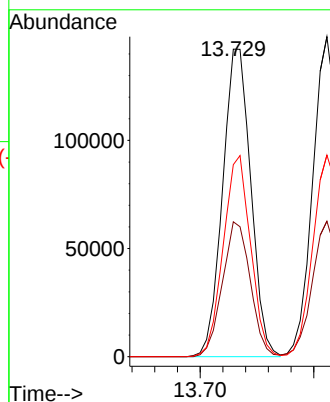
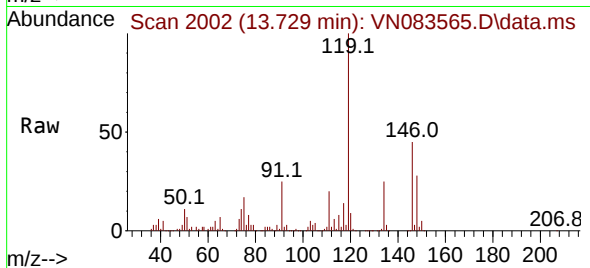
Tgt Ion:146 Resp: 245584
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.7 65.1
 148 63.4 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#88

1,4-Dichlorobenzene

Concen: 45.305 ug/l

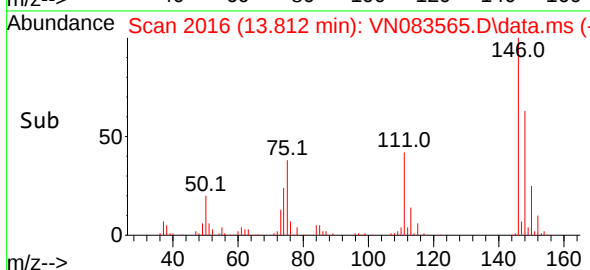
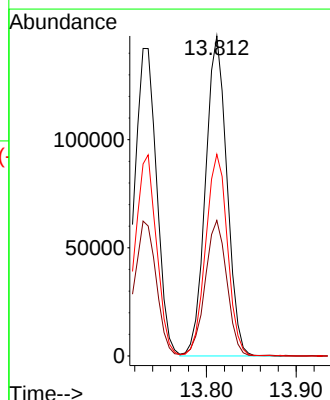
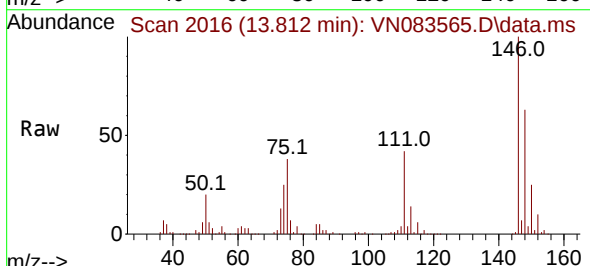
RT: 13.812 min Scan# 2016

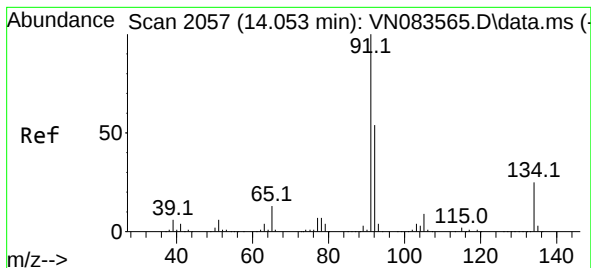
Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Tgt Ion:146 Resp: 244883
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 64.0
 148 64.1 32.0 96.2





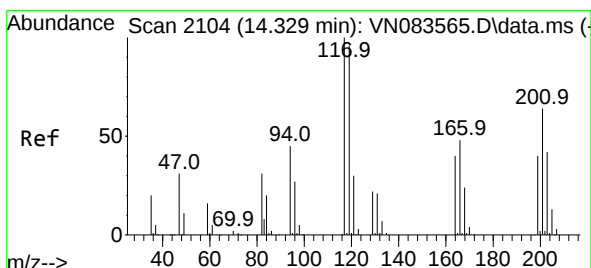
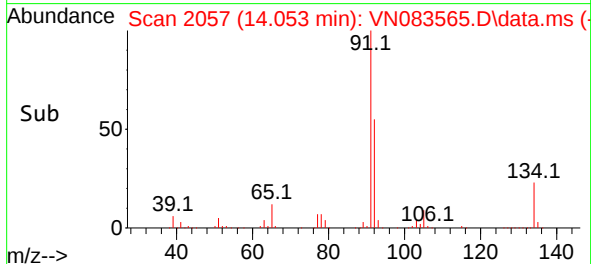
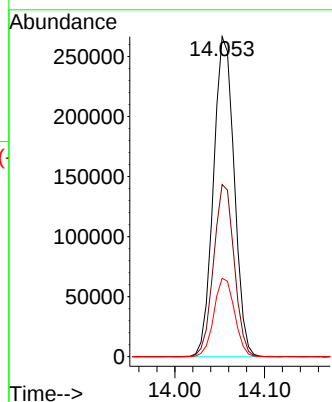
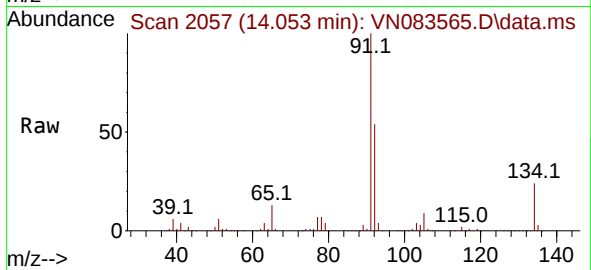
#89
n-Butylbenzene
Concen: 50.668 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 428052
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.1
134 24.3 12.2 36.4

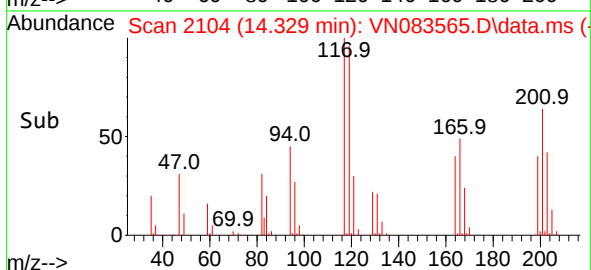
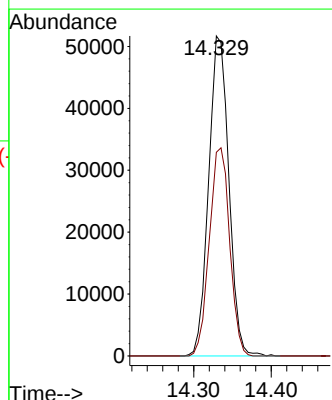
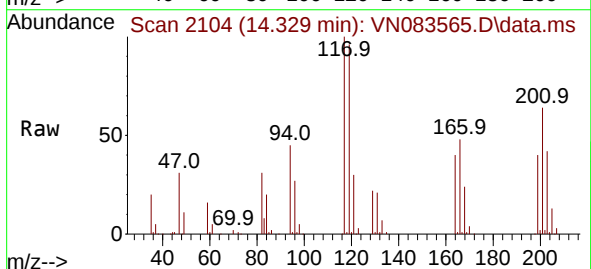
Manual Integrations
APPROVED

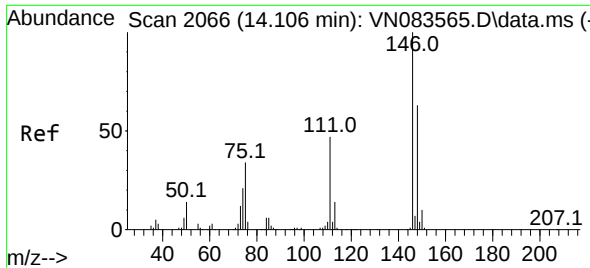
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#90
Hexachloroethane
Concen: 49.935 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

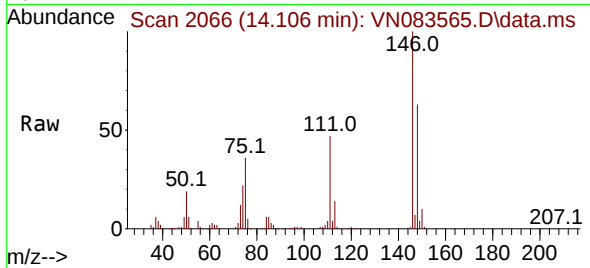
Tgt Ion:117 Resp: 93353
Ion Ratio Lower Upper
117 100
201 65.5 32.8 98.3





#91
1,2-Dichlorobenzene
Concen: 47.660 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

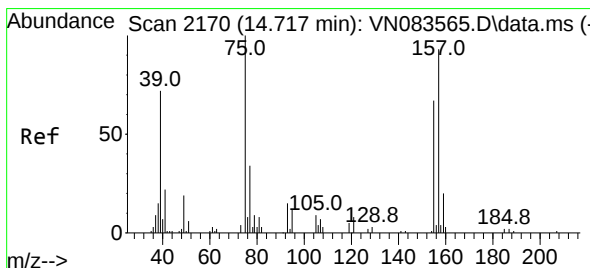
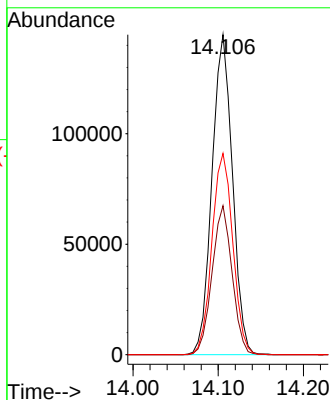
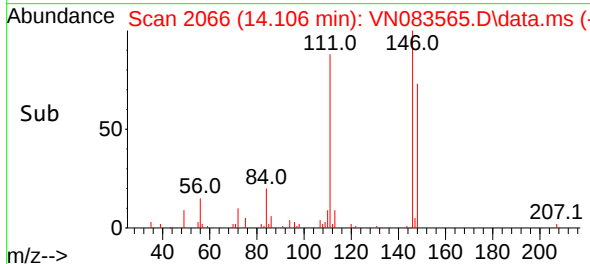
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 241450
Ion Ratio Lower Upper
146 100
111 45.5 22.8 68.3
148 64.3 32.1 96.5

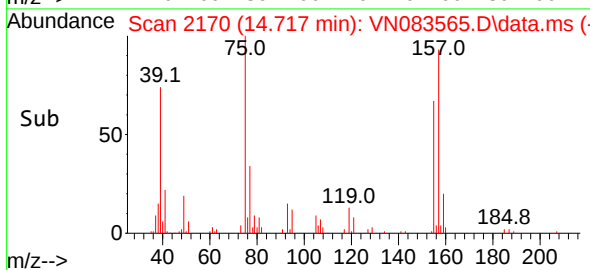
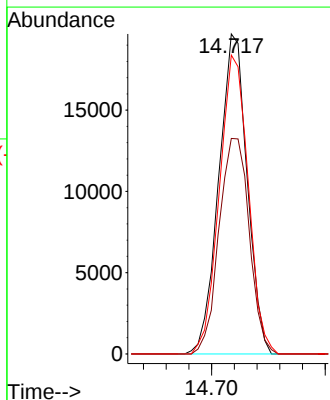
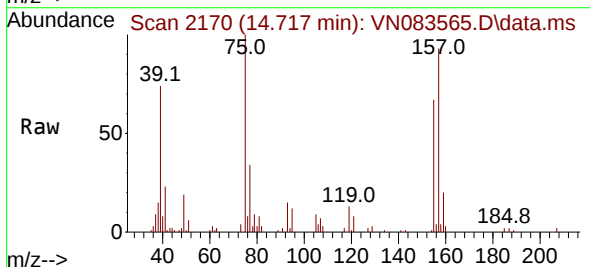
Manual Integrations
APPROVED

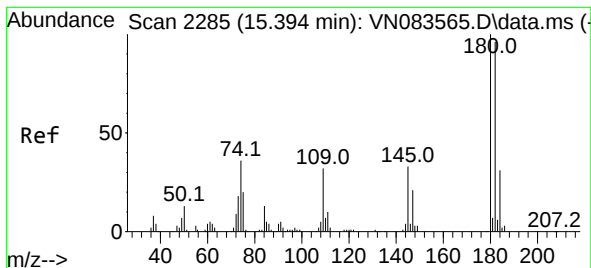
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.943 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Tgt Ion: 75 Resp: 34097
Ion Ratio Lower Upper
75 100
155 71.8 35.9 107.7
157 95.0 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 46.671 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

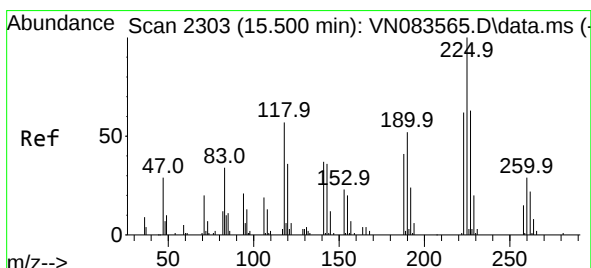
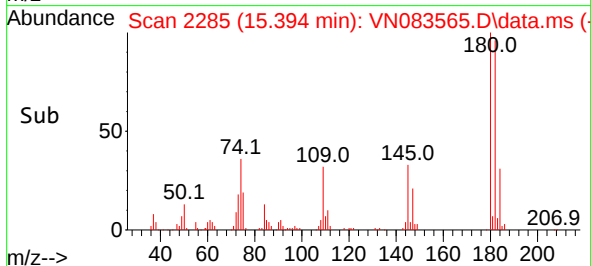
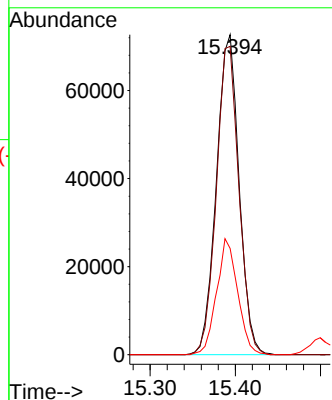
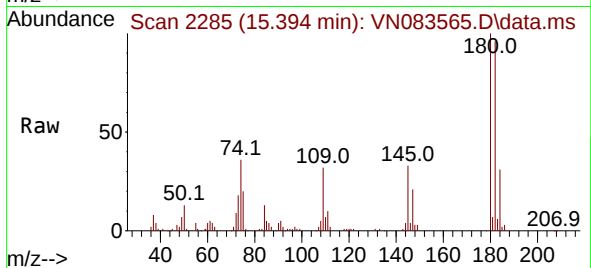
Tgt Ion:180	Resp:	13407
Ion Ratio	Lower	Upper
180	100	
182	96.2	48.1 144.3
145	33.8	16.9 50.7

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#94

Hexachlorobutadiene

Concen: 48.281 ug/l

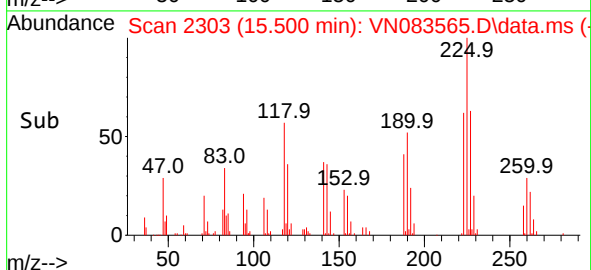
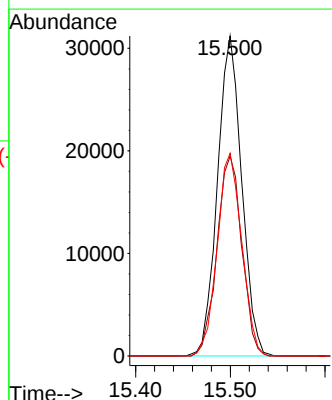
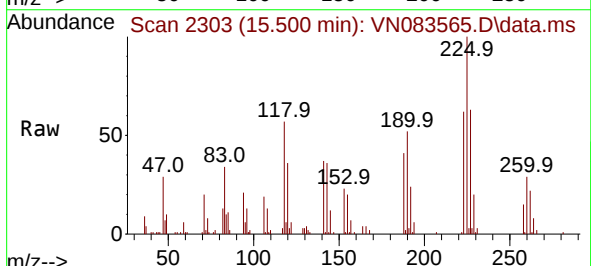
RT: 15.500 min Scan# 2303

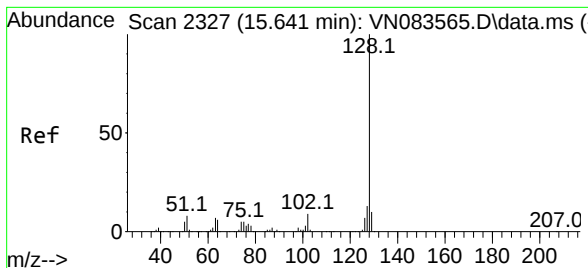
Delta R.T. 0.000 min

Lab File: VN083565.D

Acq: 30 Aug 2024 09:18

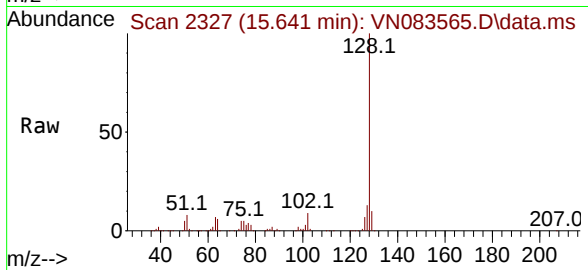
Tgt Ion:225	Resp:	55546
Ion Ratio	Lower	Upper
225	100	
223	63.7	31.9 95.5
227	64.1	32.0 96.2





#95
Naphthalene
Concen: 47.819 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

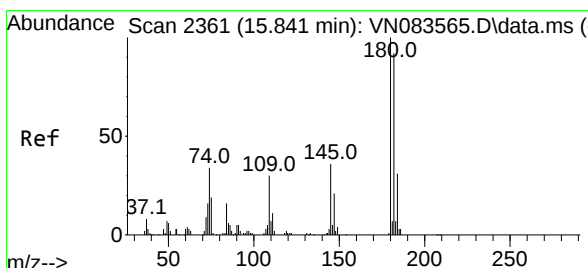
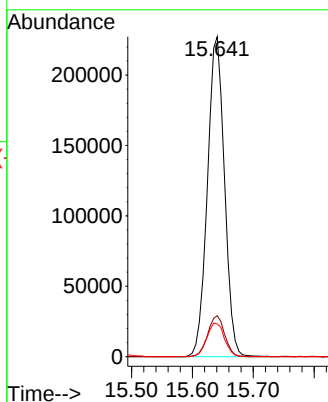
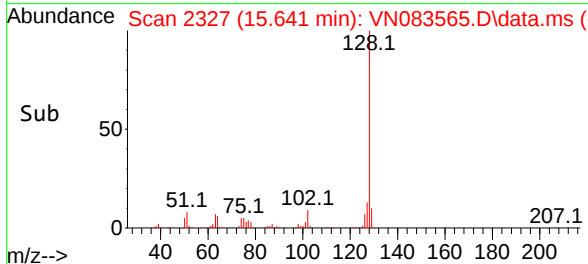
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 441370
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
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Supervised By :Mahesh Dadoda 09/03/2024



#96
1,2,3-Trichlorobenzene
Concen: 45.942 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083565.D
Acq: 30 Aug 2024 09:18

Tgt Ion:180 Resp: 131844
Ion Ratio Lower Upper
180 100
182 94.3 47.1 141.4
145 35.7 17.8 53.5

