

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081162.D
 Acq On : 23 Feb 2024 16:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

Quant Time: Feb 23 21:59:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	313679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	561242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	507594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	185019	48.122	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.240%		
35) Dibromofluoromethane	8.171	113	157333	49.575	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.140%		
50) Toluene-d8	10.571	98	533504	47.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.660%		
62) 4-Bromofluorobenzene	12.853	95	210764	49.762	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	211941	52.246	ug/l	100
3) Chloromethane	2.365	50	199871	45.035	ug/l	97
4) Vinyl Chloride	2.512	62	228125	50.627	ug/l	98
5) Bromomethane	2.948	94	132909	41.529	ug/l	92
6) Chloroethane	3.118	64	160825	55.295	ug/l	97
7) Trichlorofluoromethane	3.501	101	341985	51.951	ug/l	98
8) Diethyl Ether	3.959	74	127788	53.097	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	196252	53.479	ug/l	93
10) Methyl Iodide	4.589	142	172829	42.193	ug/l	98
11) Tert butyl alcohol	5.518	59	206908	292.623	ug/l	100
12) 1,1-Dichloroethene	4.342	96	179425	50.581	ug/l	89
13) Acrolein	4.177	56	88138	232.567	ug/l	100
14) Allyl chloride	5.024	41	262008	49.779	ug/l #	90
15) Acrylonitrile	5.718	53	513123	277.865	ug/l	97
16) Acetone	4.430	43	354473	234.307	ug/l	99
17) Carbon Disulfide	4.718	76	449523	45.433	ug/l	98
18) Methyl Acetate	5.024	43	232454	62.986	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	648046	53.340	ug/l	99
20) Methylene Chloride	5.283	84	213941	54.753	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	197015	49.780	ug/l	93
22) Diisopropyl ether	6.677	45	660286	55.302	ug/l #	96
23) Vinyl Acetate	6.606	43	2693750	278.077	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	380274	55.083	ug/l	95
25) 2-Butanone	7.483	43	642070	262.706	ug/l	92
26) 2,2-Dichloropropane	7.488	77	338372	52.310	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	240680	52.341	ug/l	88
28) Bromochloromethane	7.812	49	164947	57.632	ug/l #	65
29) Tetrahydrofuran	7.841	42	452459	277.323	ug/l #	87
30) Chloroform	7.965	83	401974	54.772	ug/l	99
31) Cyclohexane	8.259	56	323377	48.710	ug/l #	74
32) 1,1,1-Trichloroethane	8.171	97	359162	53.735	ug/l	93
36) 1,1-Dichloropropene	8.377	75	290821	53.488	ug/l	95
37) Ethyl Acetate	7.559	43	277734	56.599	ug/l	99
38) Carbon Tetrachloride	8.359	117	306729	55.760	ug/l	98
39) Methylcyclohexane	9.606	83	344038	54.280	ug/l #	87
40) Benzene	8.612	78	874737	55.582	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	158051	56.594	ug/l	94
42) 1,2-Dichloroethane	8.671	62	306695	55.858	ug/l	97
43) Isopropyl Acetate	8.688	43	485544	56.576	ug/l	96
44) Trichloroethene	9.353	130	220206	52.534	ug/l	96
45) 1,2-Dichloropropane	9.624	63	224716	57.082	ug/l	98
46) Dibromomethane	9.712	93	159674	55.668	ug/l	92
47) Bromodichloromethane	9.888	83	315189	58.019	ug/l #	99
48) Methyl methacrylate	9.682	41	224205	56.144	ug/l	91
49) 1,4-Dioxane	9.700	88	92000	1262.426	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1468975	297.551	ug/l	96
52) Toluene	10.635	92	552199	55.424	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	343566	56.911	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	366722	56.225	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	222120	57.964	ug/l	95
56) Ethyl methacrylate	10.877	69	340808	58.193	ug/l	88
57) 1,3-Dichloropropane	11.165	76	383817	57.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	743212	252.921	ug/l #	87
59) 2-Hexanone	11.200	43	1080786	276.135	ug/l	96
60) Dibromochloromethane	11.365	129	233909	57.459	ug/l	99
61) 1,2-Dibromoethane	11.471	107	227836	56.540	ug/l	99
64) Tetrachloroethene	11.106	164	194076	56.021	ug/l	95
65) Chlorobenzene	11.894	112	589370	53.648	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	215561	54.630	ug/l	96
67) Ethyl Benzene	11.965	91	1086979	55.294	ug/l	99
68) m/p-Xylenes	12.076	106	833684	110.641	ug/l	95
69) o-Xylene	12.400	106	410484	54.958	ug/l	93
70) Styrene	12.412	104	677171	57.214	ug/l	97
71) Bromoform	12.582	173	150911	60.282	ug/l #	98
73) Isopropylbenzene	12.700	105	1074774	51.441	ug/l	98
74) N-amyl acetate	12.494	43	435619	49.332	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	314491	53.530	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	292043m	53.826	ug/l	
77) Bromobenzene	12.982	156	238561	51.208	ug/l	76
78) n-propylbenzene	13.041	91	1277279	53.104	ug/l	96
79) 2-Chlorotoluene	13.129	91	749849	50.827	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	911063	53.781	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	106164	50.364	ug/l	91
82) 4-Chlorotoluene	13.223	91	751260	52.080	ug/l	95
83) tert-Butylbenzene	13.441	119	797460	54.442	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	920336	54.520	ug/l	97
85) sec-Butylbenzene	13.618	105	1137251	55.847	ug/l	95
86) p-Isopropyltoluene	13.735	119	948054	56.051	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	465105	52.839	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	454334	52.529	ug/l	98
89) n-Butylbenzene	14.059	91	838443	56.899	ug/l	97
90) Hexachloroethane	14.335	117	161784	57.866	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	434895	51.227	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	66022	54.051	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	251708	53.144	ug/l	98
94) Hexachlorobutadiene	15.506	225	90201	51.065	ug/l	99
95) Naphthalene	15.647	128	905934	52.196	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	244334	52.002	ug/l	97

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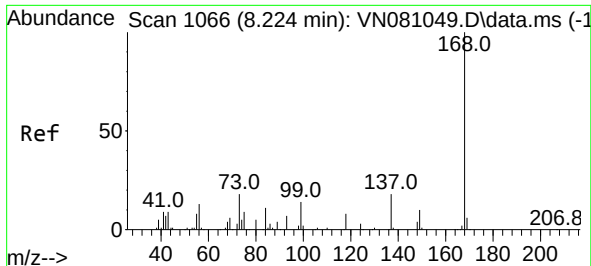
Manual Integrations
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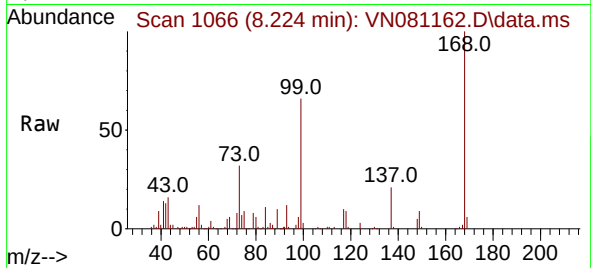
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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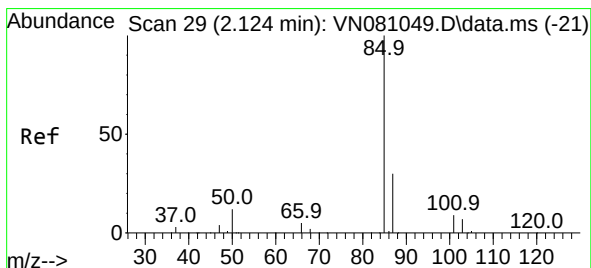
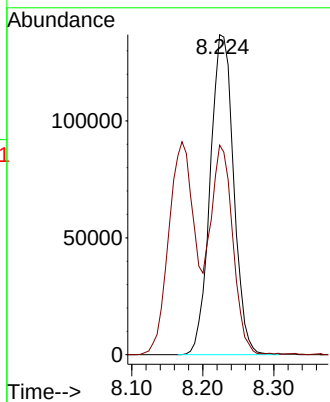
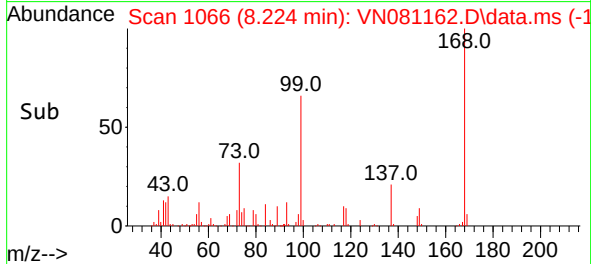
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 313679
Ion Ratio Lower Upper
168 100
99 65.1 59.9 89.9

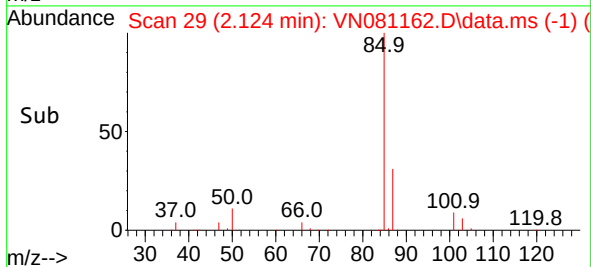
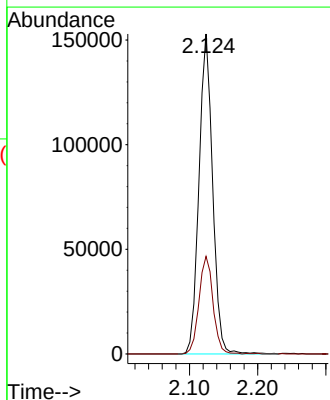
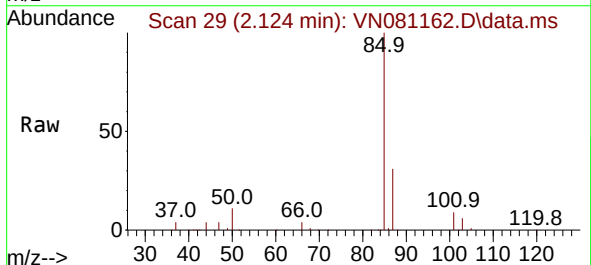
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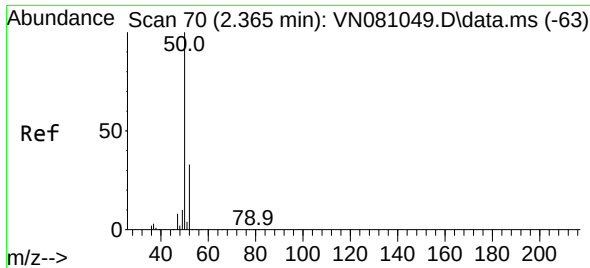
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#2
Dichlorodifluoromethane
Concen: 52.246 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 85 Resp: 211941
Ion Ratio Lower Upper
85 100
87 30.5 15.3 45.9





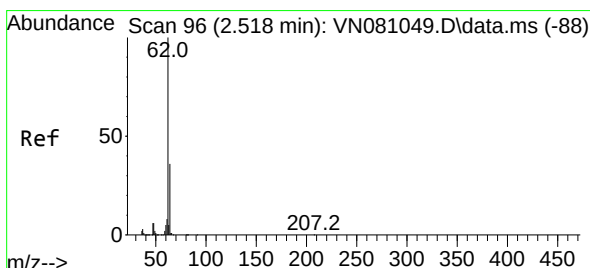
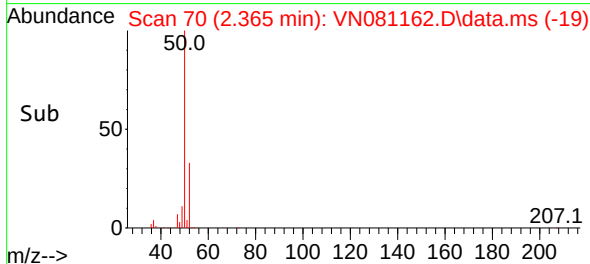
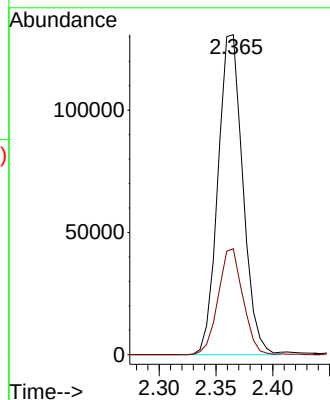
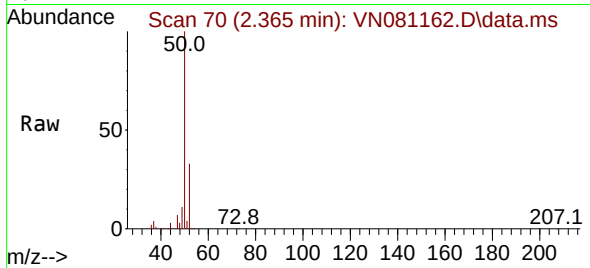
#3
Chloromethane
Concen: 45.035 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081162.D
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Tgt Ion: 50 Resp: 19987
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4

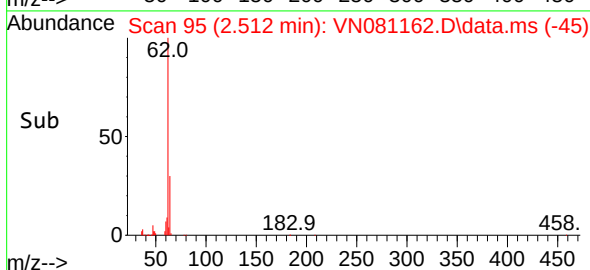
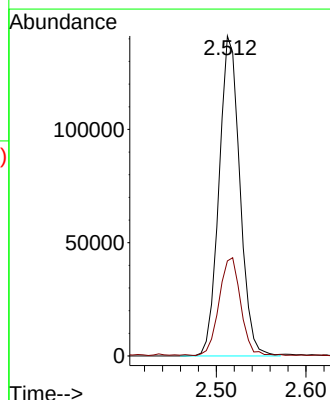
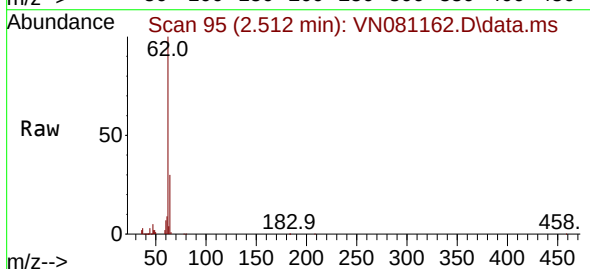
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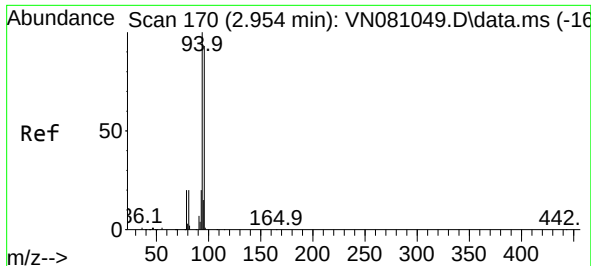
Reviewed By :John Carlone 02/26/2024
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#4
Vinyl Chloride
Concen: 50.627 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081162.D
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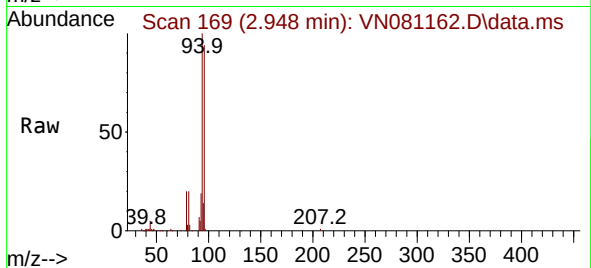
Tgt Ion: 62 Resp: 228125
Ion Ratio Lower Upper
62 100
64 29.4 22.7 34.1





#5
Bromomethane
Concen: 41.529 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN081162.D
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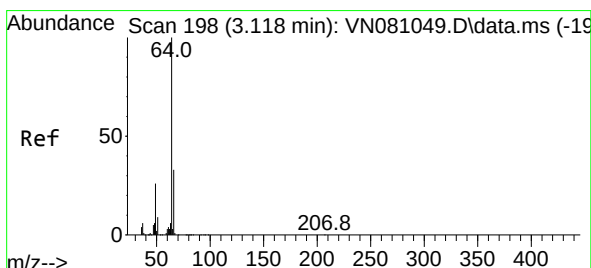
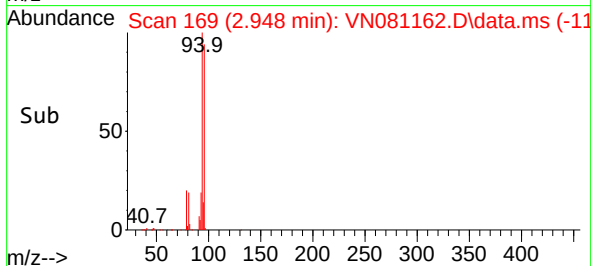
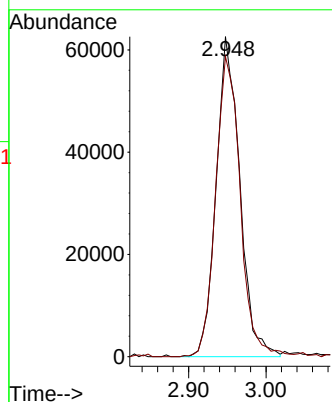
Instrument :
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Tgt Ion: 94 Resp: 132909
Ion Ratio Lower Upper
94 100
96 93.7 69.2 103.8

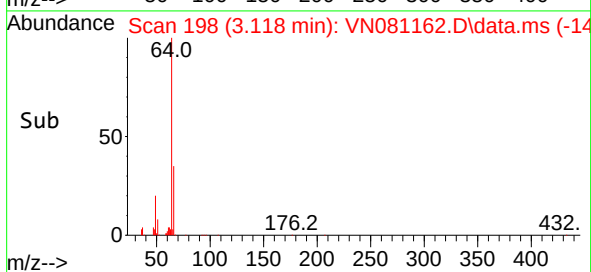
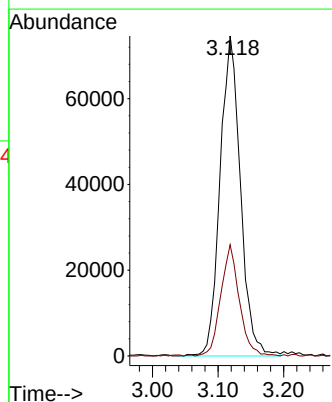
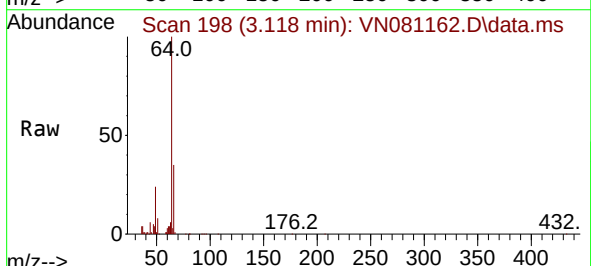
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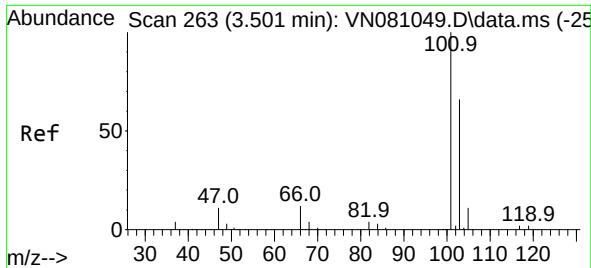
Reviewed By :John Carlone 02/26/2024
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#6
Chloroethane
Concen: 55.295 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081162.D
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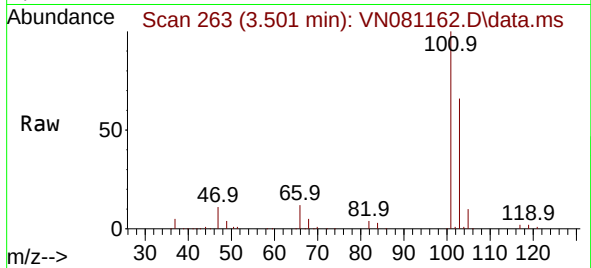
Tgt Ion: 64 Resp: 160825
Ion Ratio Lower Upper
64 100
66 34.7 26.4 39.6





#7
Trichlorofluoromethane
Concen: 51.951 ug/l
RT: 3.501 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN081162.D
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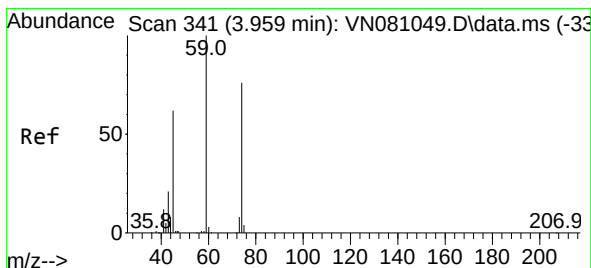
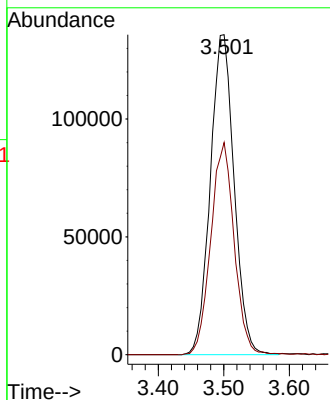
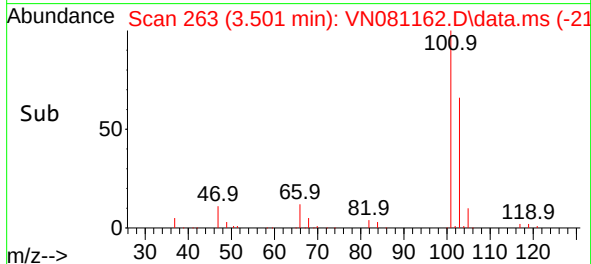
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



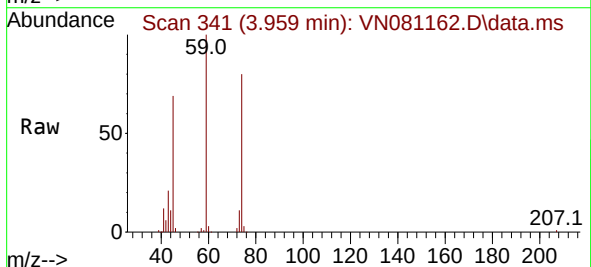
Tgt Ion:101 Resp: 34198
Ion Ratio Lower Upper
101 100
103 66.3 54.4 81.6

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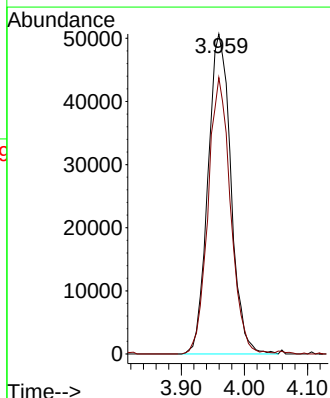
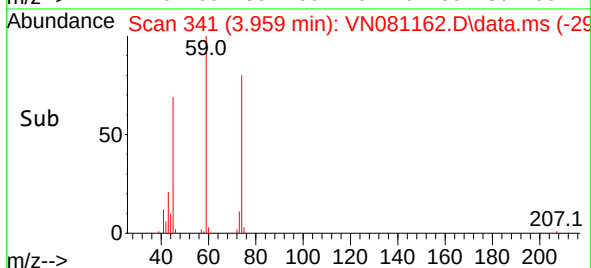
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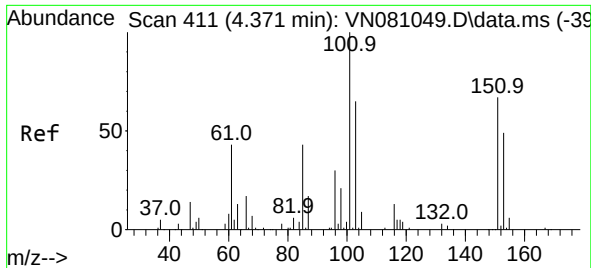


#8
Diethyl Ether
Concen: 53.097 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 127788
Ion Ratio Lower Upper
74 100
45 84.9 53.3 159.9





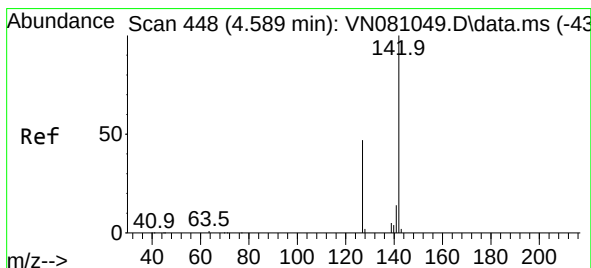
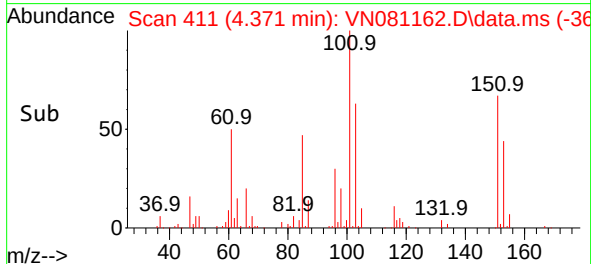
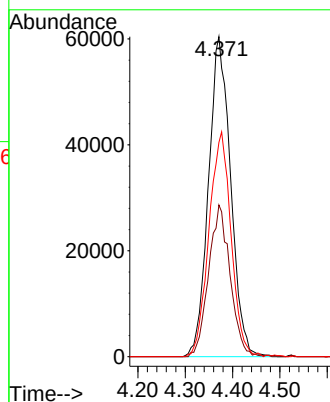
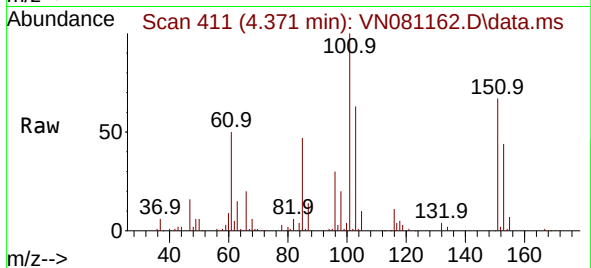
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.479 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 19625
Ion Ratio Lower Upper
101 100
85 45.9 38.1 57.1
151 70.1 49.1 73.7

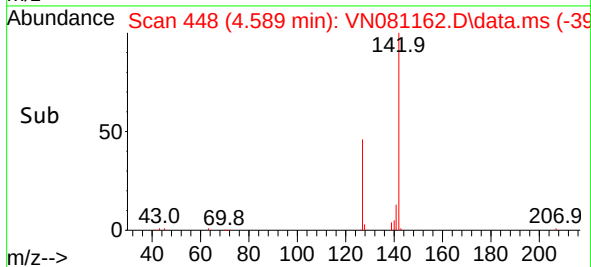
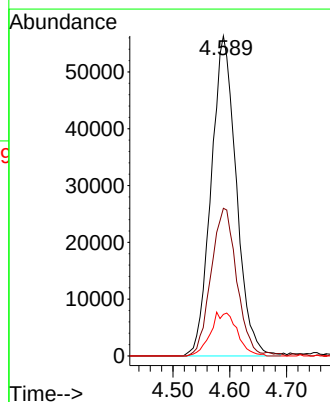
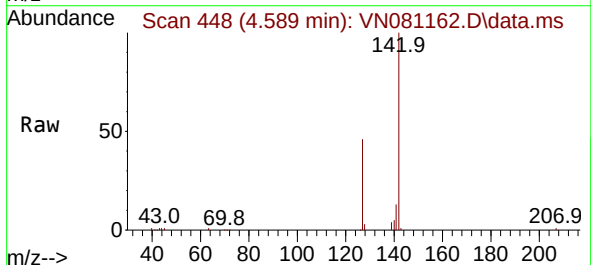
Manual Integrations
APPROVED

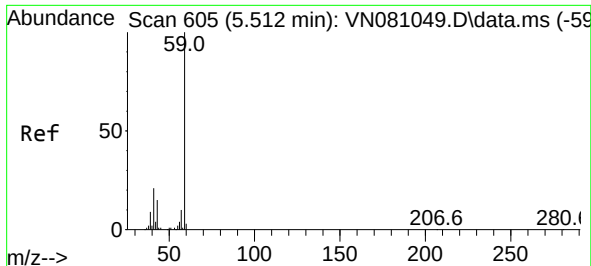
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#10
Methyl Iodide
Concen: 42.193 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

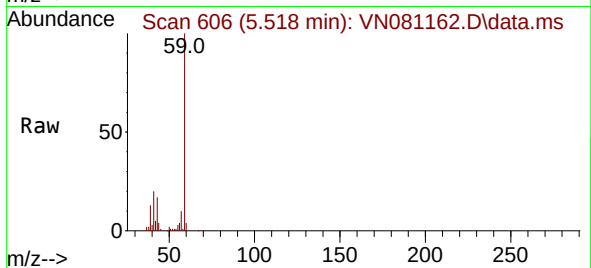
Tgt Ion:142 Resp: 172829
Ion Ratio Lower Upper
142 100
127 46.1 37.0 55.4
141 13.0 12.5 18.7





#11
Tert butyl alcohol
Concen: 292.623 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

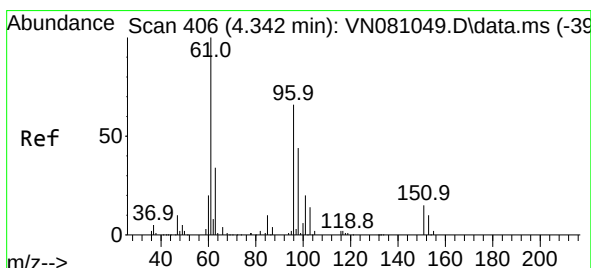
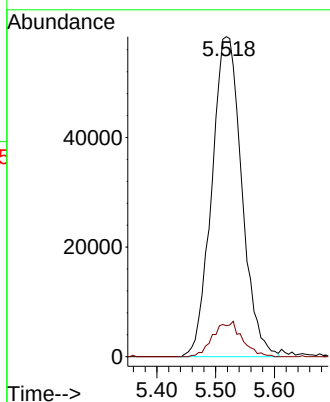
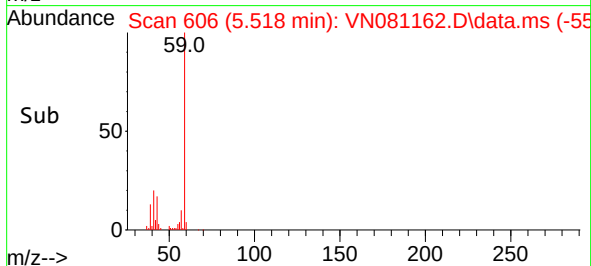
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 206908
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

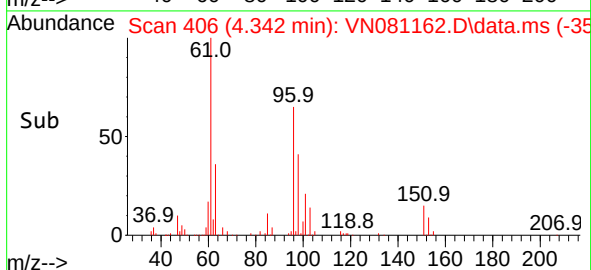
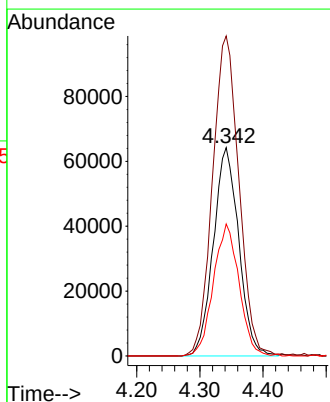
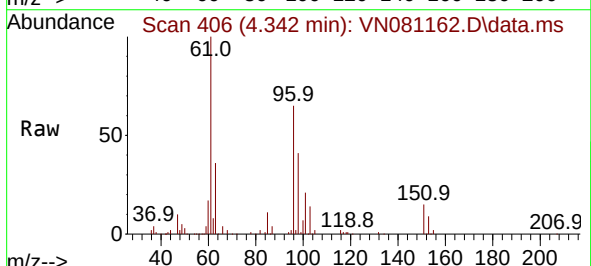
Manual Integrations
APPROVED

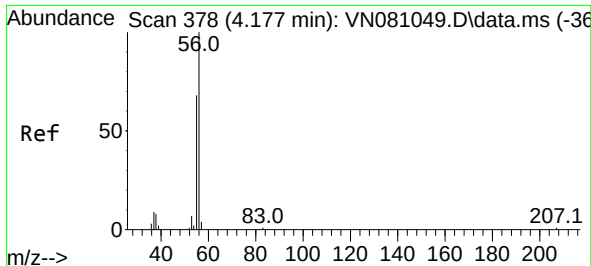
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#12
1,1-Dichloroethene
Concen: 50.581 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

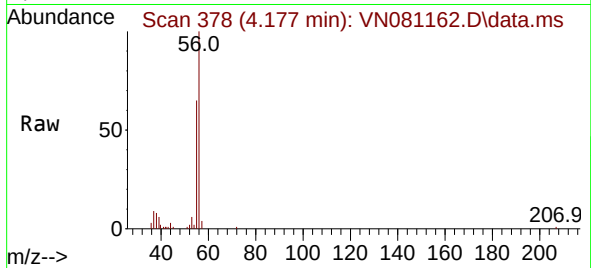
Tgt Ion: 96 Resp: 179425
Ion Ratio Lower Upper
96 100
61 153.7 138.2 207.4
98 63.4 49.2 73.8





#13
Acrolein
Concen: 232.567 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

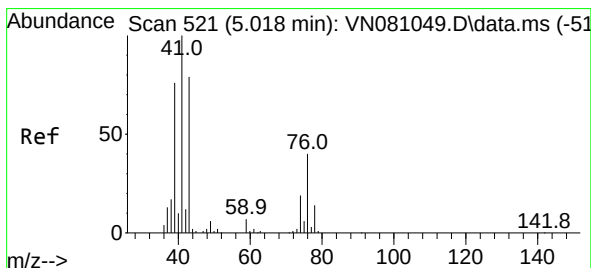
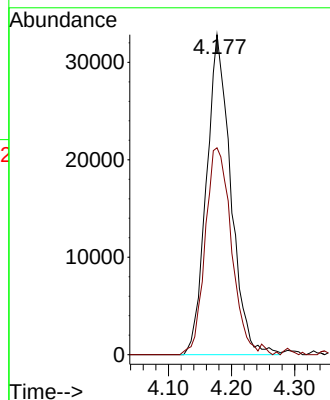
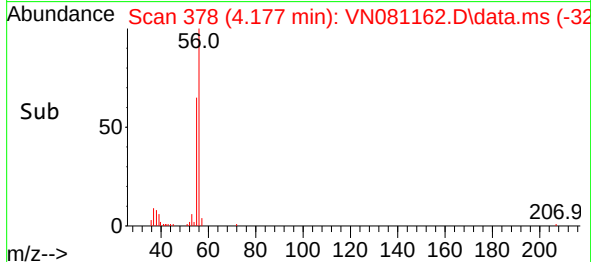
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



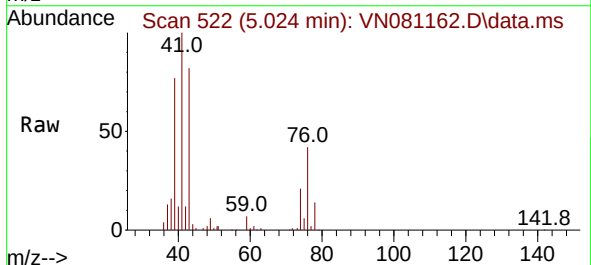
Tgt Ion: 56 Resp: 88138
Ion Ratio Lower Upper
56 100
55 69.1 55.3 82.9

Manual Integrations
APPROVED

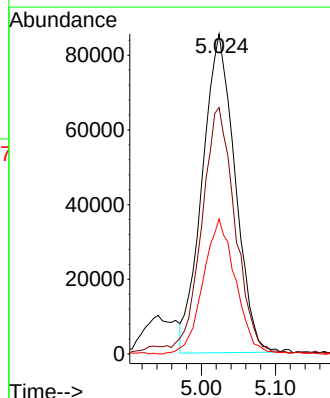
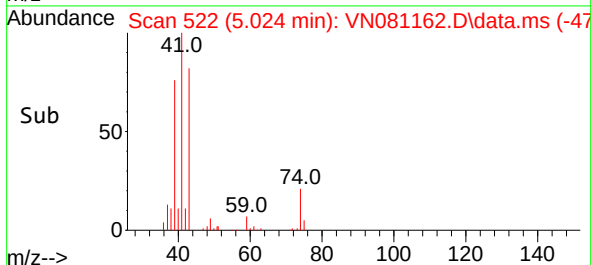
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

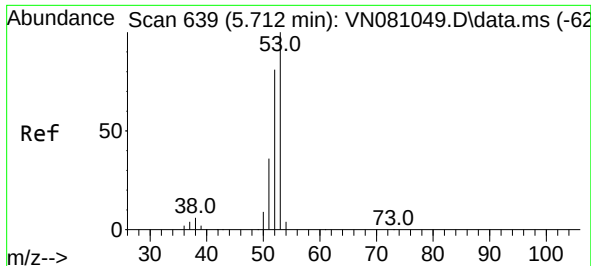


#14
Allyl chloride
Concen: 49.779 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22



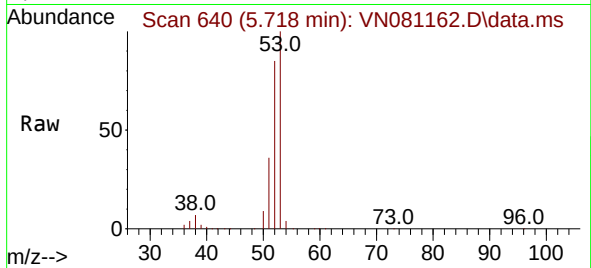
Tgt Ion: 41 Resp: 262008
Ion Ratio Lower Upper
41 100
39 78.2 57.7 86.5
76 41.9 26.8 40.2#





#15
Acrylonitrile
Concen: 277.865 ug/l
RT: 5.718 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

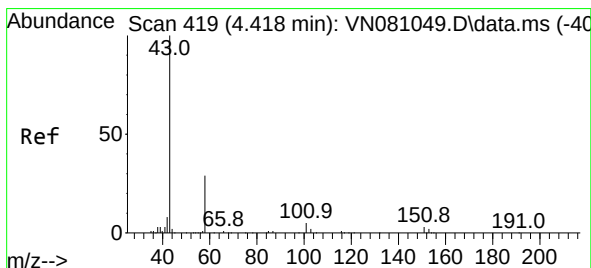
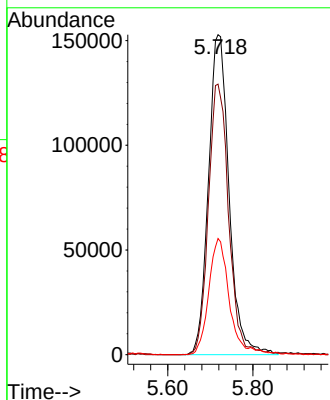
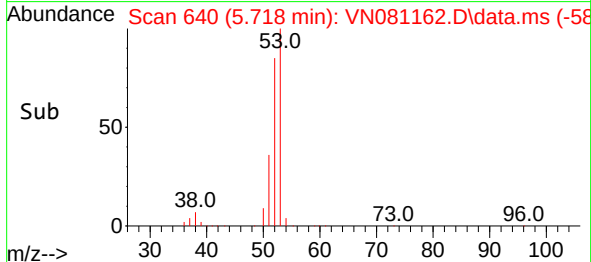
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



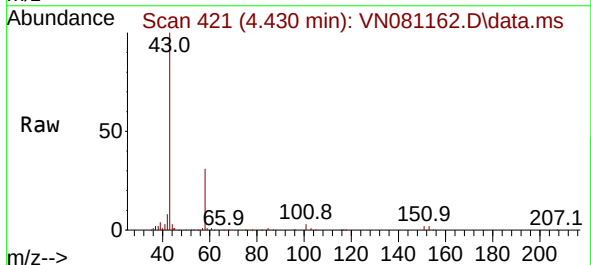
Tgt Ion: 53 Resp: 51312
Ion Ratio Lower Upper
53 100
52 83.3 64.8 97.2
51 36.5 26.9 40.3

Manual Integrations
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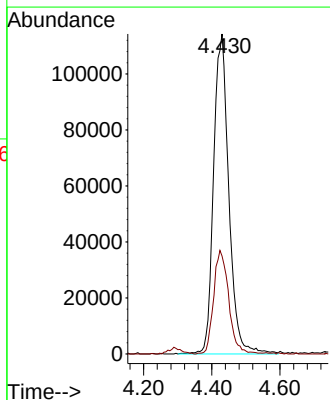
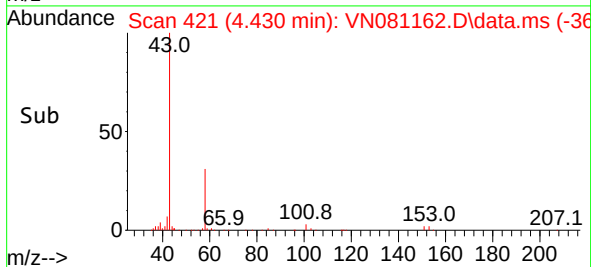
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

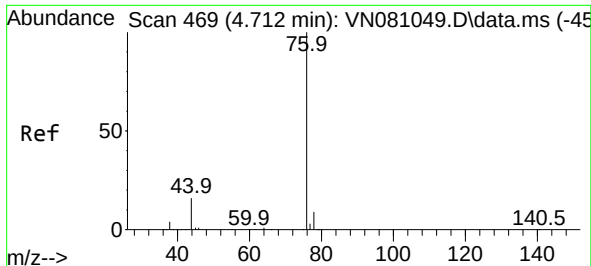


#16
Acetone
Concen: 234.307 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22



Tgt Ion: 43 Resp: 354473
Ion Ratio Lower Upper
43 100
58 30.2 24.8 37.2





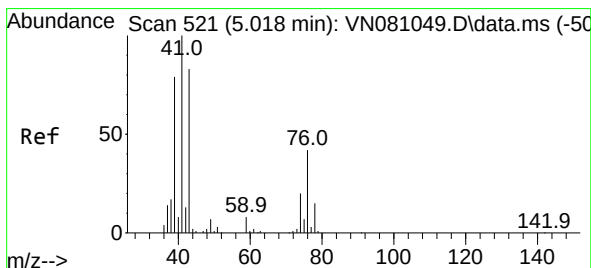
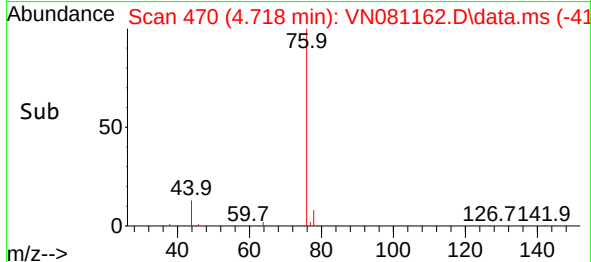
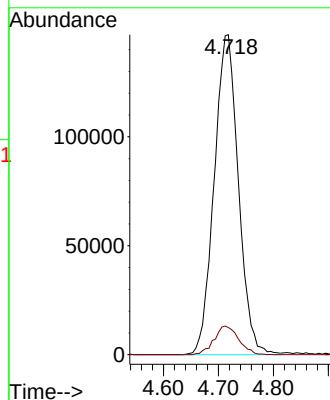
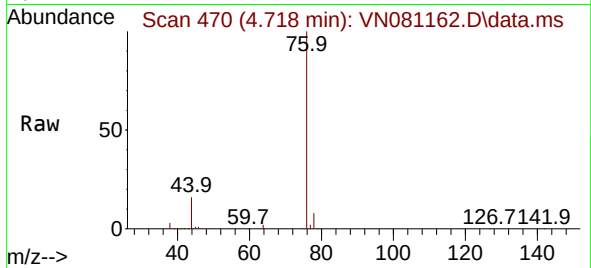
#17
Carbon Disulfide
Concen: 45.433 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 44952
Ion Ratio Lower Upper
76 100
78 8.5 6.3 9.5

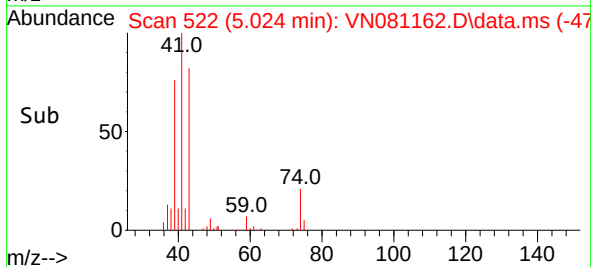
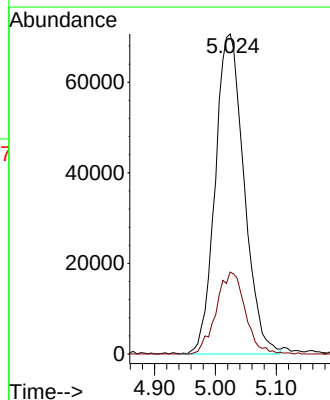
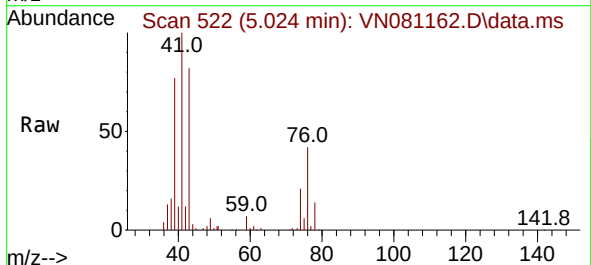
Manual Integrations
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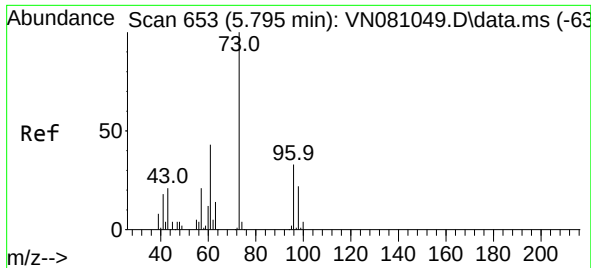
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#18
Methyl Acetate
Concen: 62.986 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 43 Resp: 232454
Ion Ratio Lower Upper
43 100
74 25.7 17.3 25.9





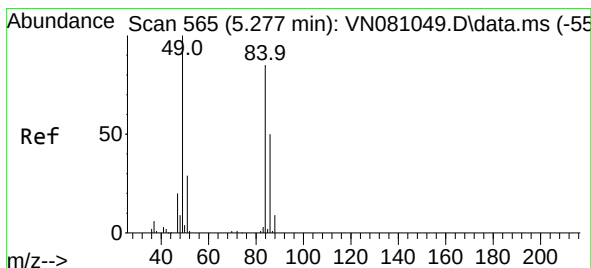
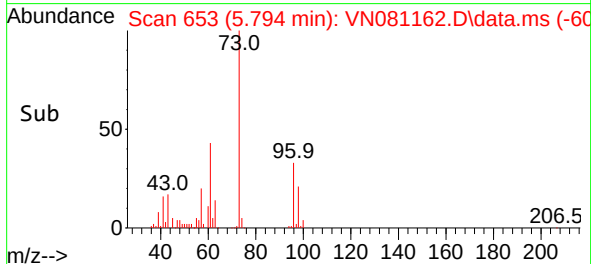
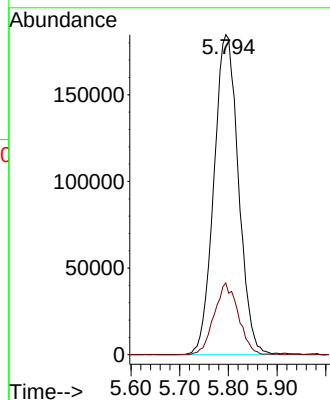
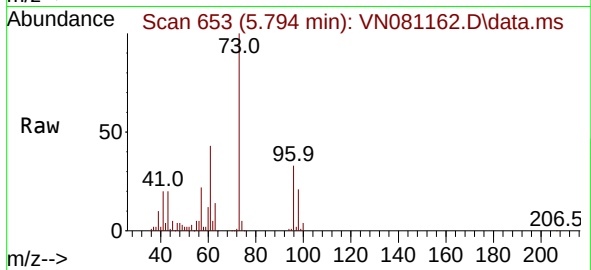
#19
Methyl tert-butyl Ether
Concen: 53.340 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 64804
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4

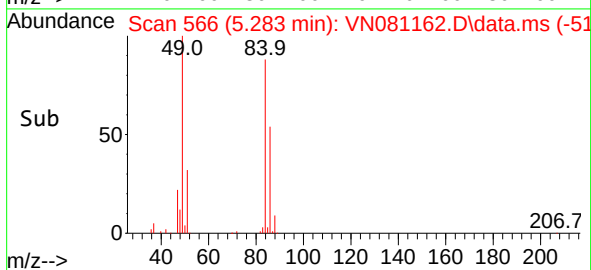
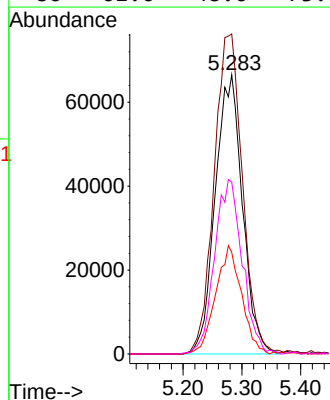
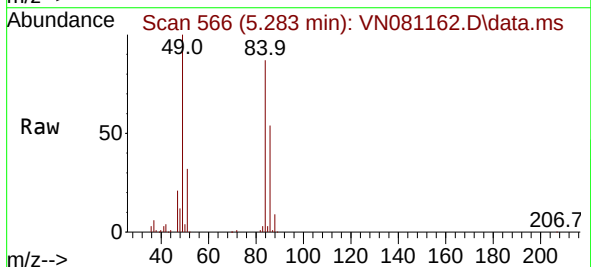
Manual Integrations
APPROVED

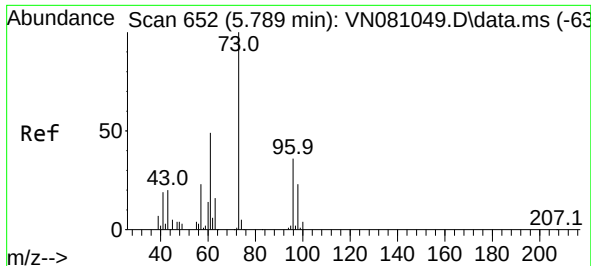
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#20
Methylene Chloride
Concen: 54.753 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

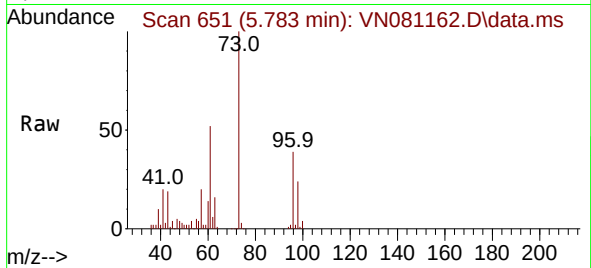
Tgt Ion: 84 Resp: 213941
Ion Ratio Lower Upper
84 100
49 114.7 108.1 162.1
51 36.4 32.9 49.3
86 61.6 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 49.780 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

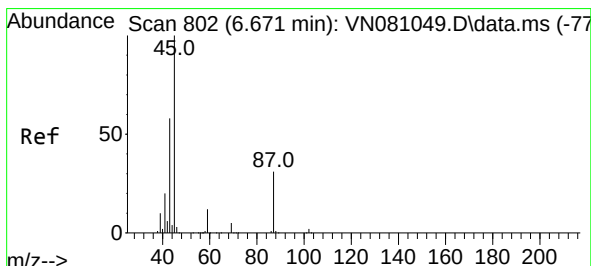
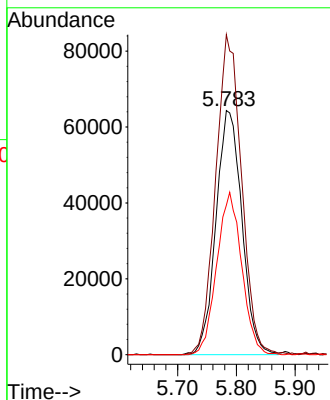
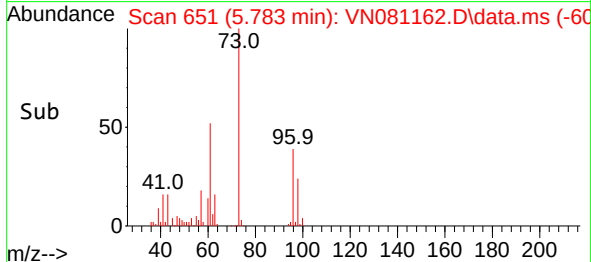
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



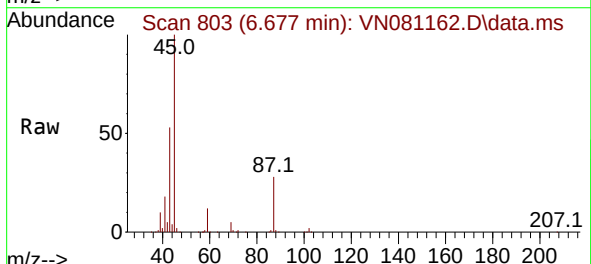
Tgt Ion: 96 Resp: 197015
Ion Ratio Lower Upper
96 100
61 131.1 112.8 169.2
98 61.2 51.0 76.4

Manual Integrations
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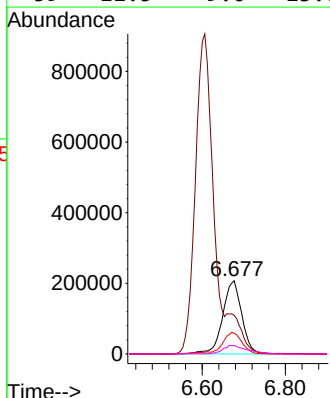
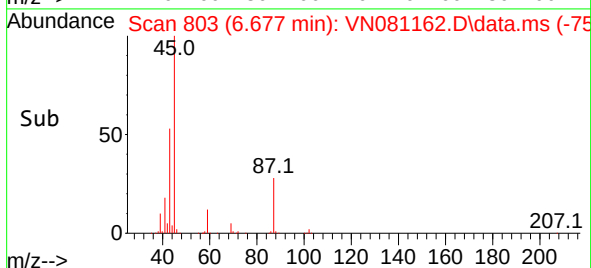
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

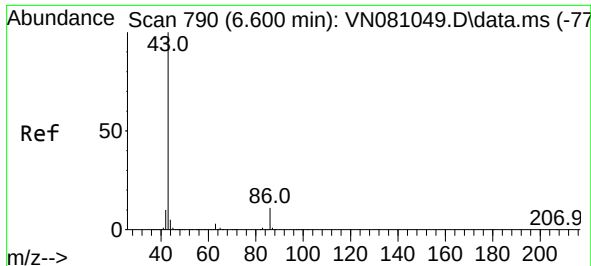


#22
Diisopropyl ether
Concen: 55.302 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22



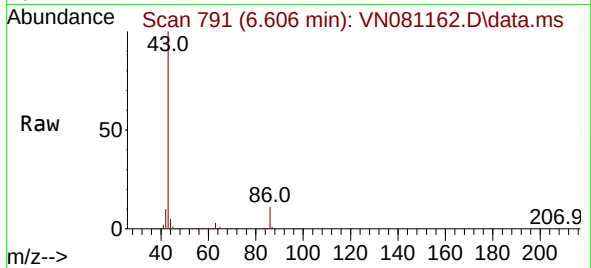
Tgt Ion: 45 Resp: 660286
Ion Ratio Lower Upper
45 100
43 51.7 41.8 62.8
87 28.3 18.1 27.1#
59 11.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 278.077 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

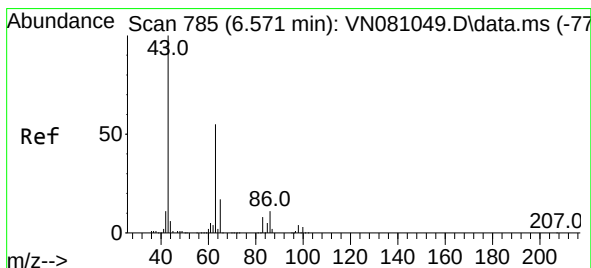
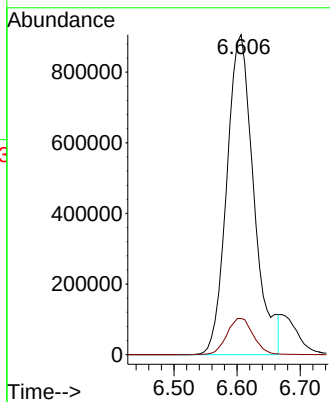
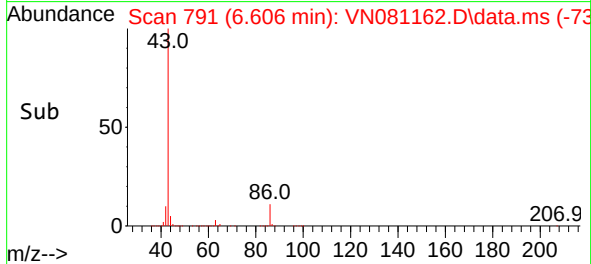
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 2693750
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7

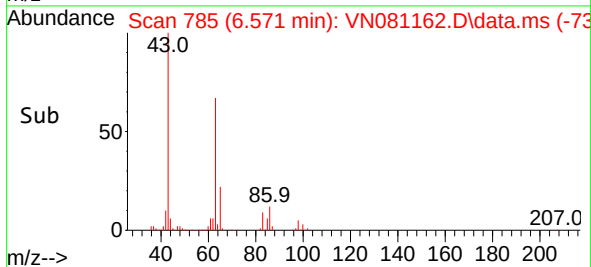
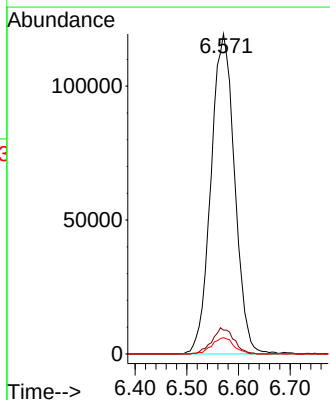
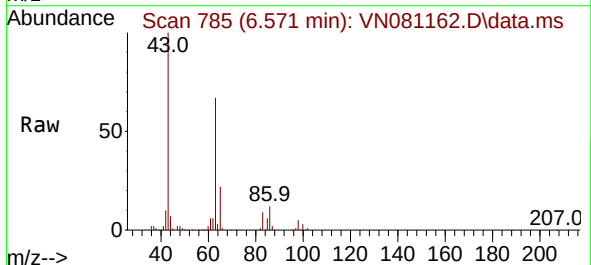
Manual Integrations
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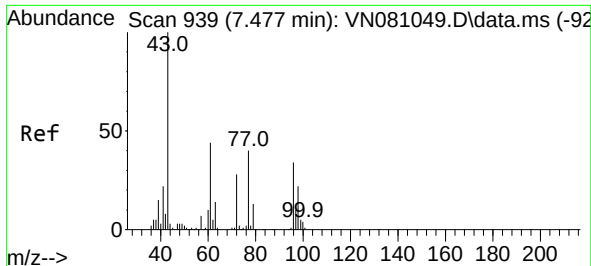
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#24
 1,1-Dichloroethane
 Concen: 55.083 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

Tgt Ion: 63 Resp: 380274
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.6
 100 5.1 1.9 5.7





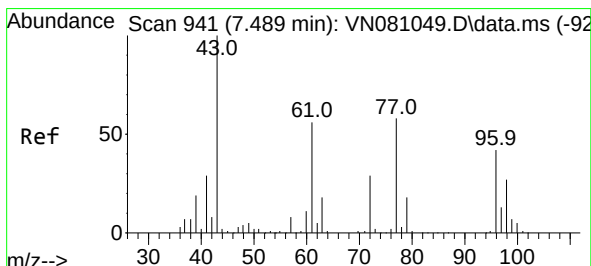
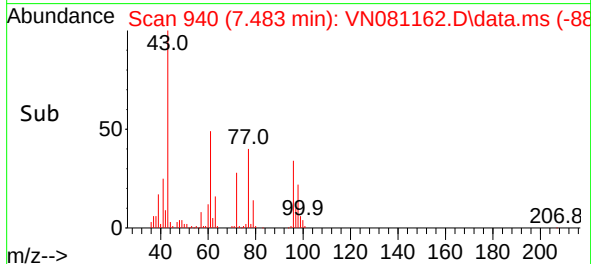
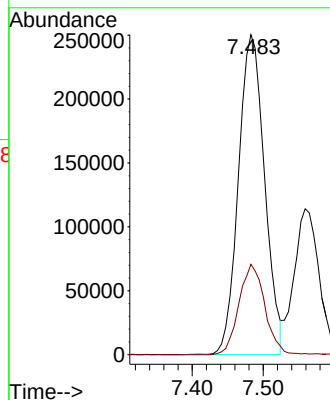
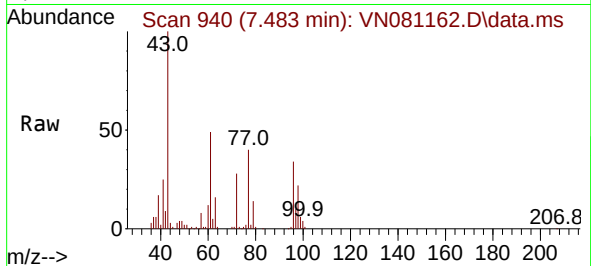
#25
2-Butanone
Concen: 262.706 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 642070
Ion Ratio Lower Upper
43 100
72 28.2 19.5 29.3

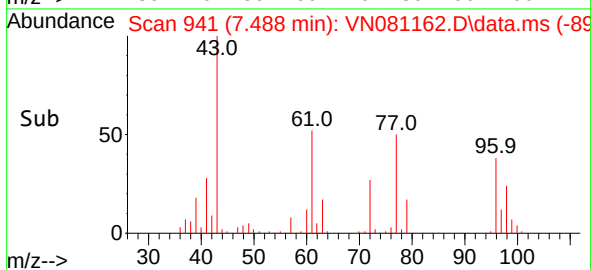
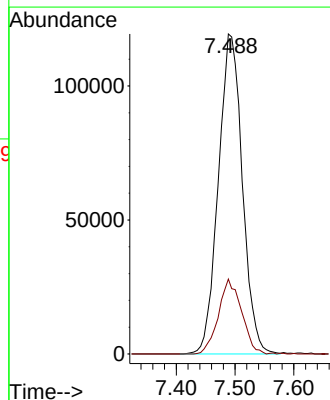
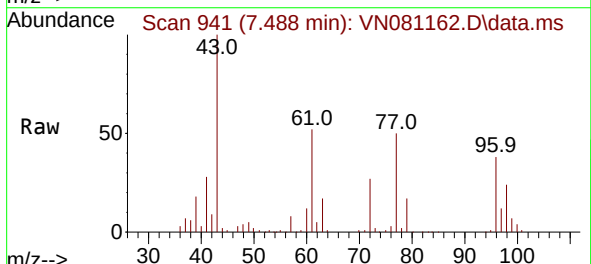
Manual Integrations
APPROVED

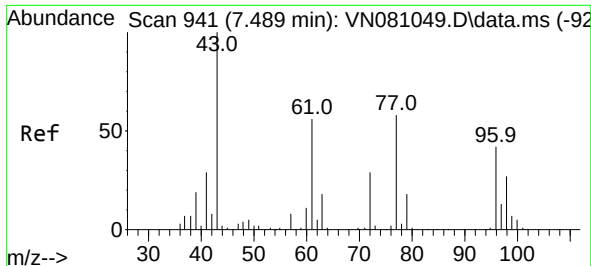
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#26
2,2-Dichloropropane
Concen: 52.310 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

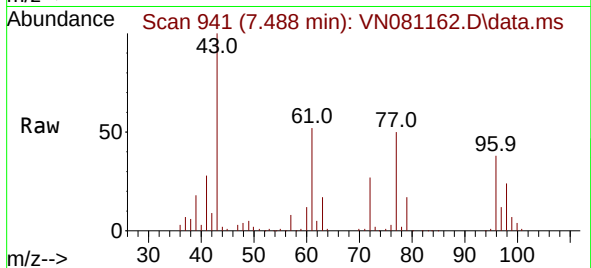
Tgt Ion: 77 Resp: 338372
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 52.341 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

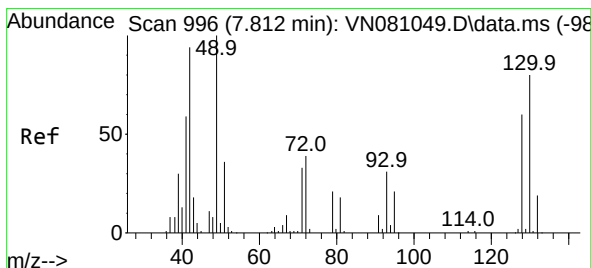
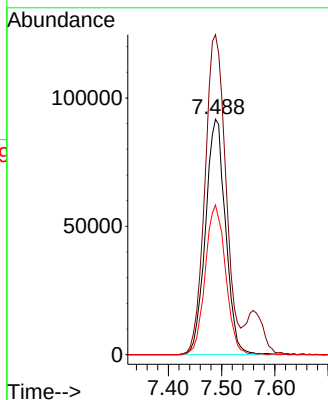
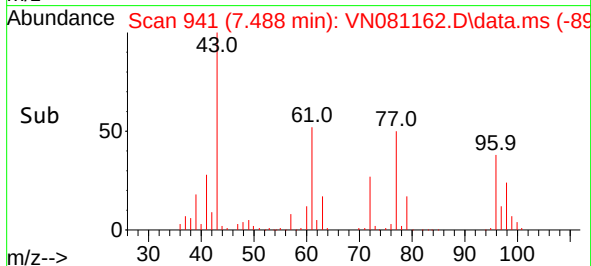
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 240680
Ion Ratio Lower Upper
96 100
61 140.6 0.0 325.4
98 64.4 0.0 130.4

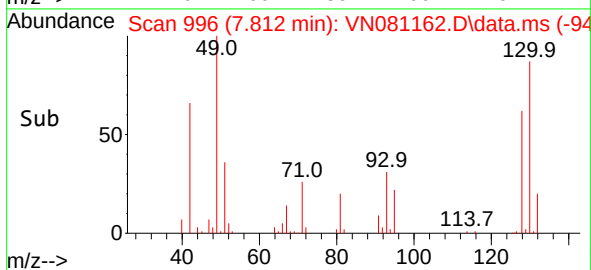
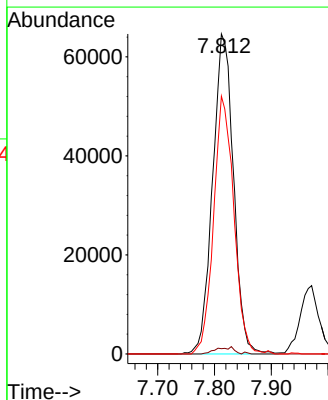
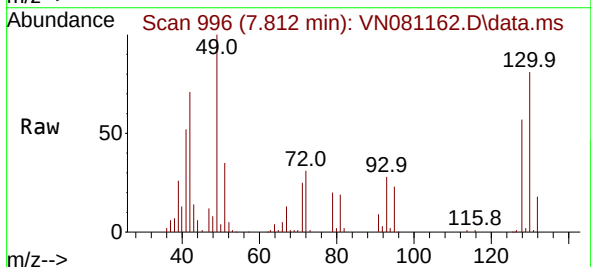
Manual Integrations
APPROVED

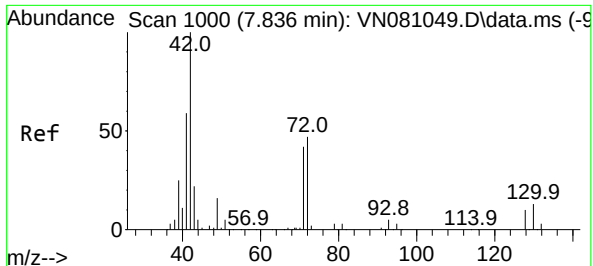
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#28
Bromochloromethane
Concen: 57.632 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 49 Resp: 164947
Ion Ratio Lower Upper
49 100
129 1.8 0.0 1.6#
130 77.8 42.3 63.5#





#29

Tetrahydrofuran

Concen: 277.323 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 45245

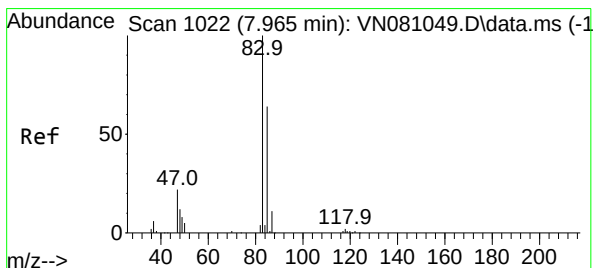
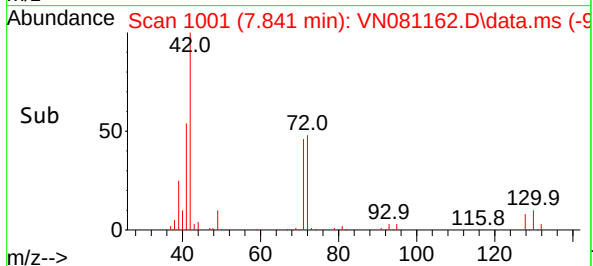
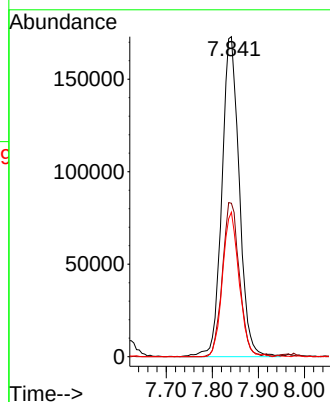
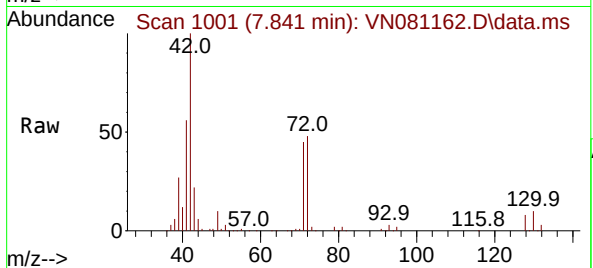
Ion	Ratio	Lower	Upper
42	100		
72	46.8	31.1	46.7
71	43.2	28.3	42.5

Manual Integrations

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Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#30

Chloroform

Concen: 54.772 ug/l

RT: 7.965 min Scan# 1022

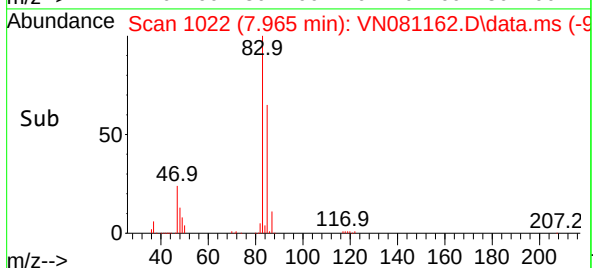
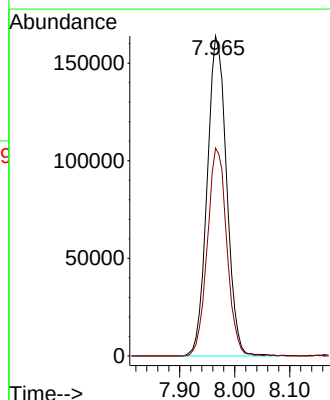
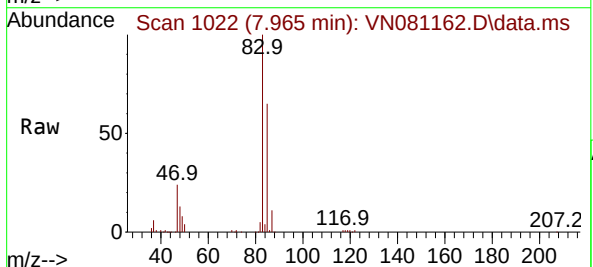
Delta R.T. -0.000 min

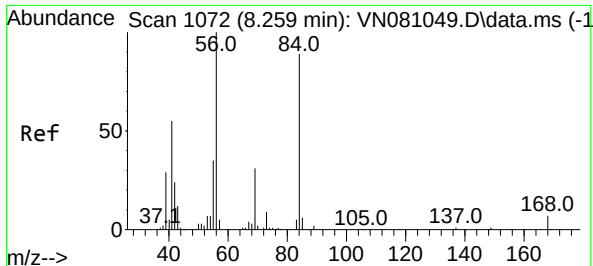
Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Tgt Ion: 83 Resp: 401974

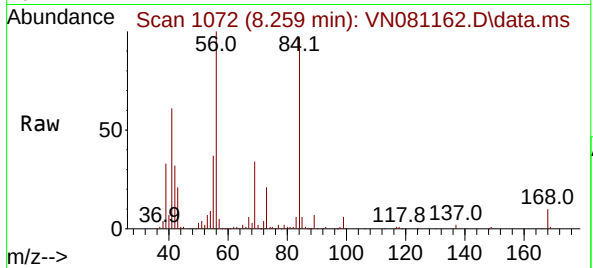
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.0	76.6





#31
Cyclohexane
Concen: 48.710 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

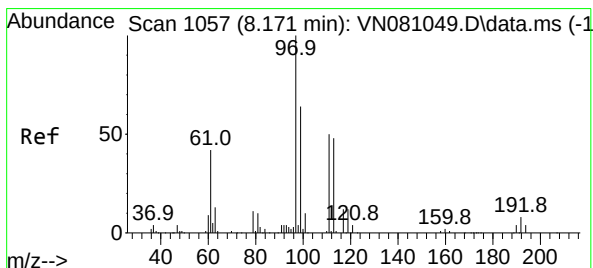
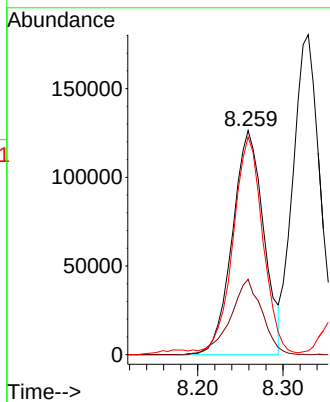
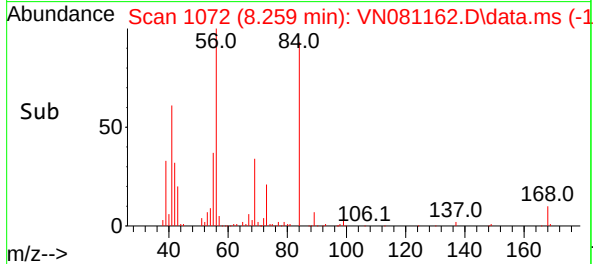
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



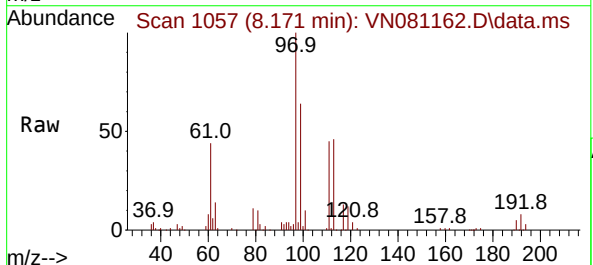
Tgt Ion: 56 Resp: 32337
Ion Ratio Lower Upper
56 100
69 33.6 20.1 30.1
84 95.1 56.9 85.3

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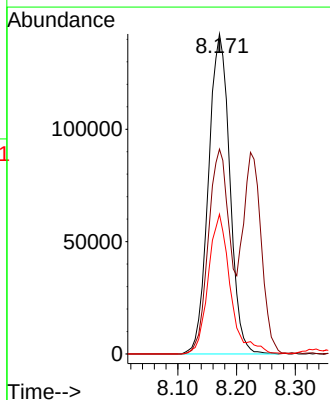
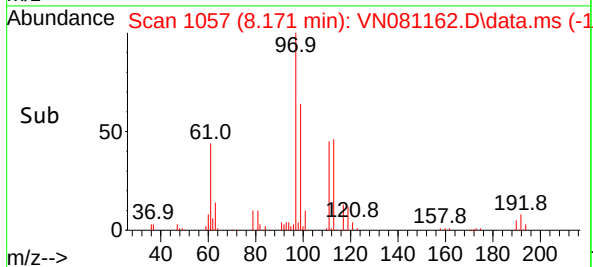
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

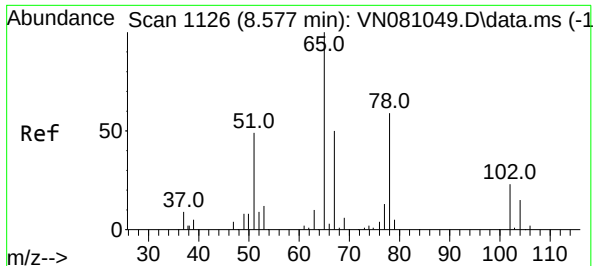


#32
1,1,1-Trichloroethane
Concen: 53.735 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22



Tgt Ion: 97 Resp: 359162
Ion Ratio Lower Upper
97 100
99 64.8 53.4 80.0
61 45.2 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 48.122 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 185019

Ion Ratio Lower Upper

65 100

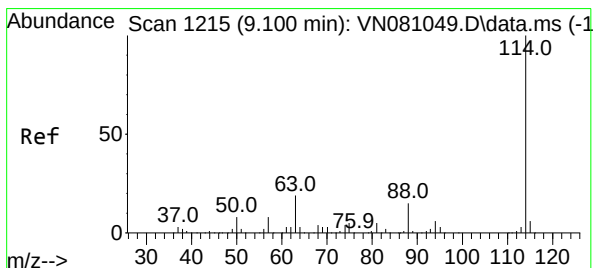
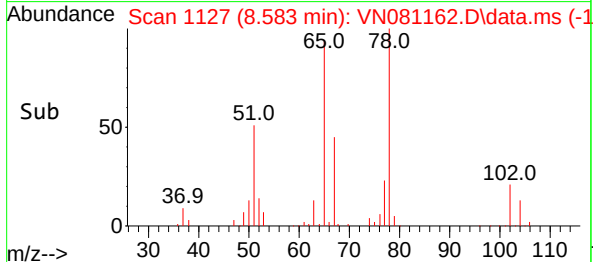
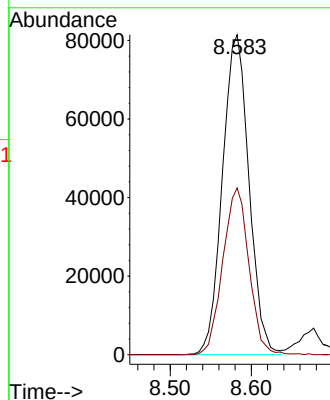
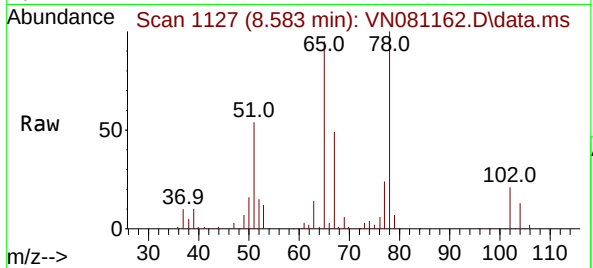
67 51.4 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

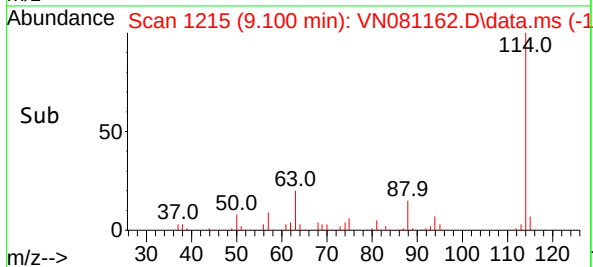
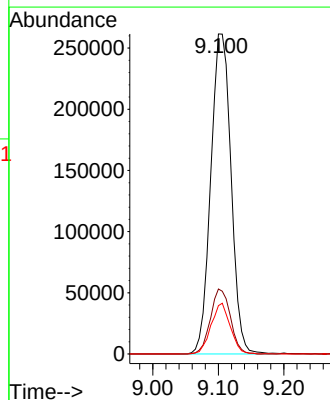
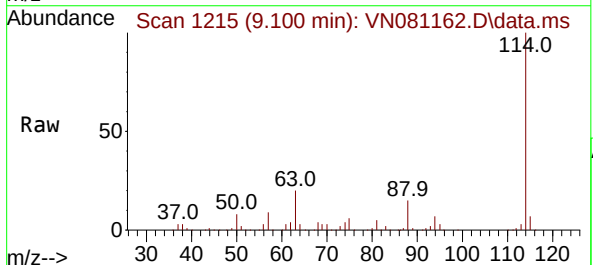
Tgt Ion:114 Resp: 561242

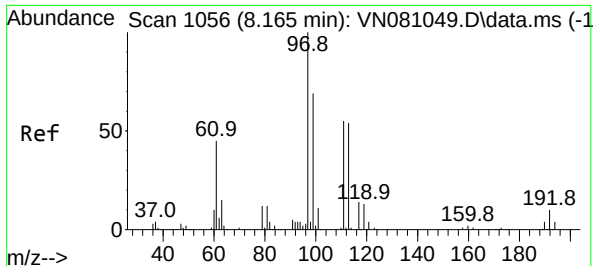
Ion Ratio Lower Upper

114 100

63 20.3 0.0 48.0

88 15.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.575 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 15733

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

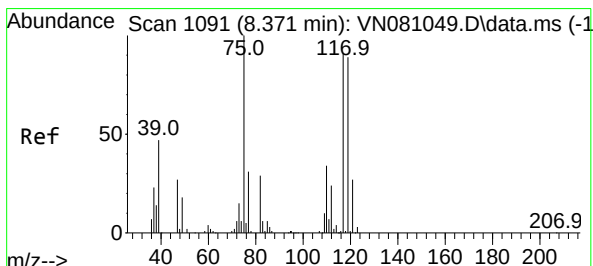
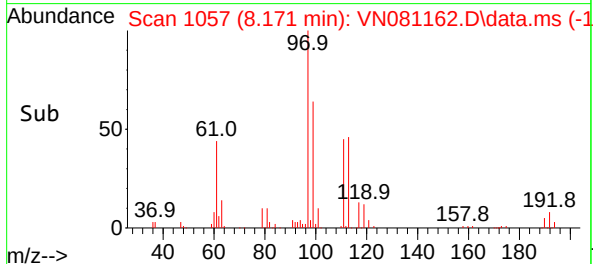
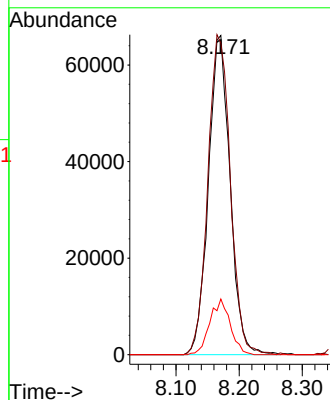
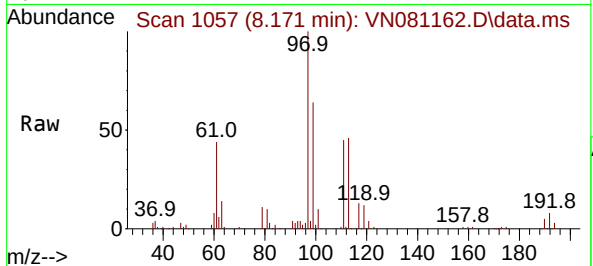
192 16.5 12.5 18.7

Manual Integrations

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Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#36

1,1-Dichloropropene

Concen: 53.488 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

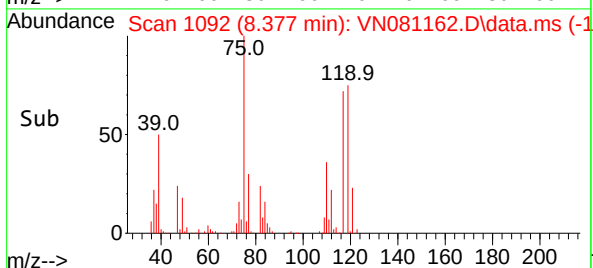
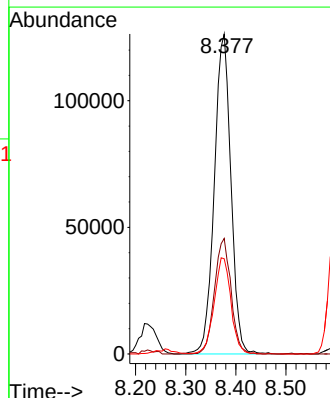
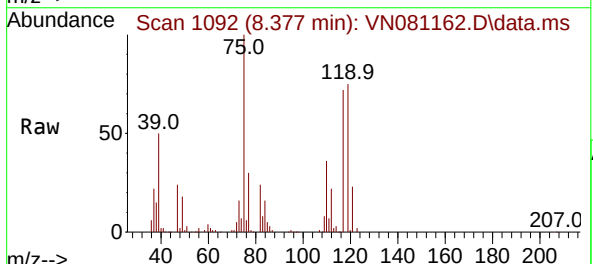
Tgt Ion: 75 Resp: 290821

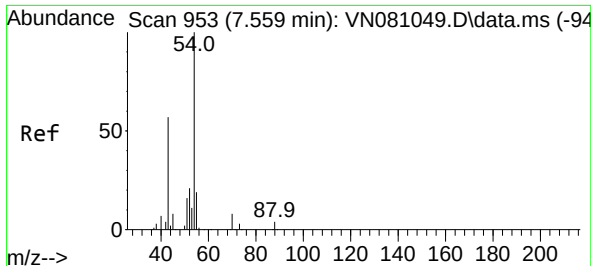
Ion Ratio Lower Upper

75 100

110 35.8 16.0 48.0

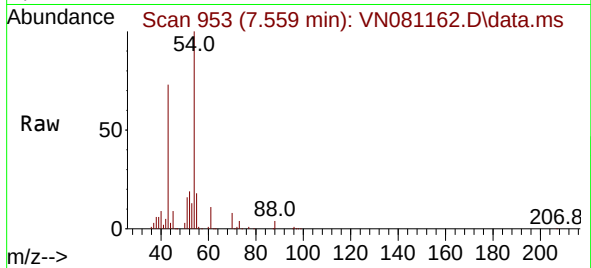
77 30.4 25.8 38.6





#37
Ethyl Acetate
Concen: 56.599 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

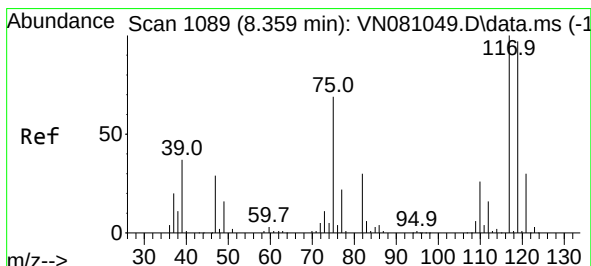
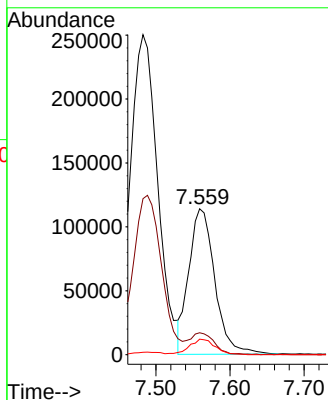
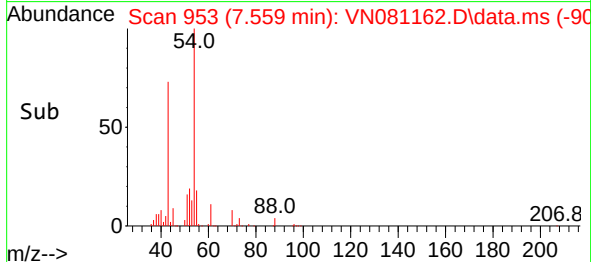
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 277734
Ion Ratio Lower Upper
43 100
61 13.3 10.6 15.8
70 10.4 8.0 12.0

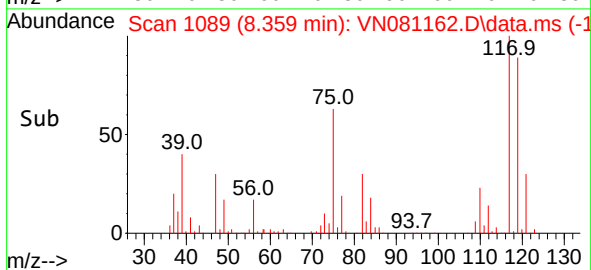
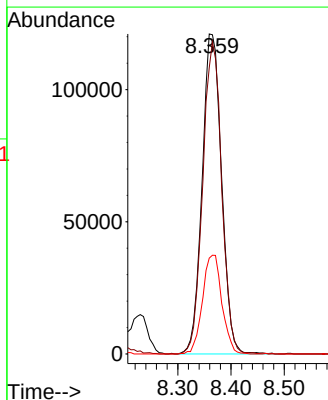
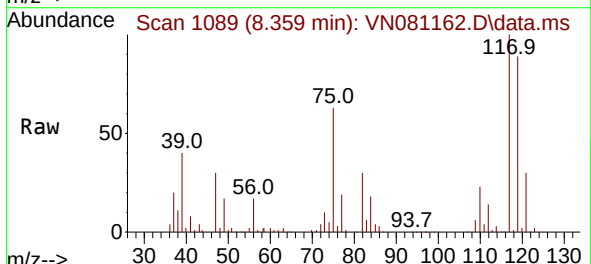
Manual Integrations
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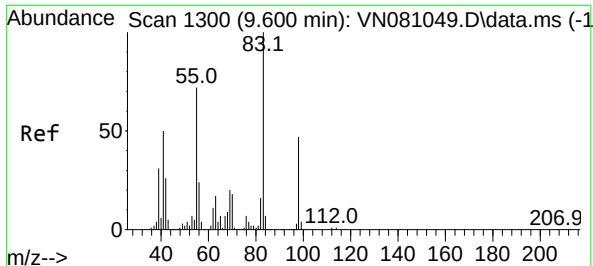
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#38
Carbon Tetrachloride
Concen: 55.760 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion:117 Resp: 306729
Ion Ratio Lower Upper
117 100
119 89.4 73.4 110.2
121 30.0 24.4 36.6





#39

Methylcyclohexane

Concen: 54.280 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

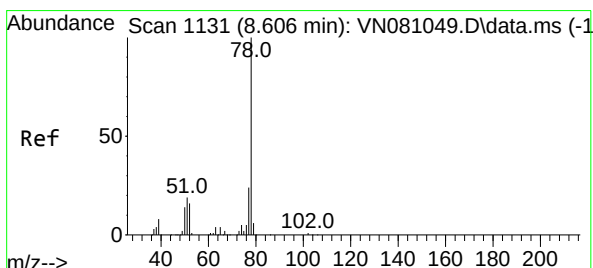
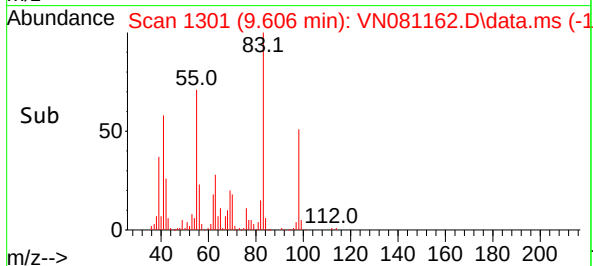
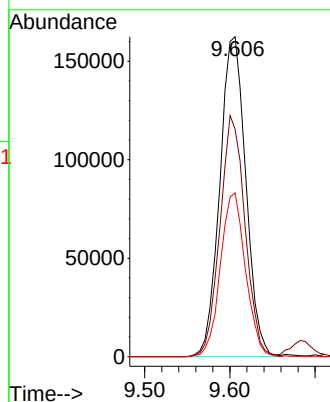
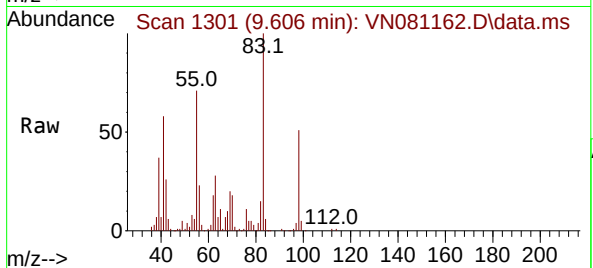
Tgt Ion:	83	Resp:	344038
Ion	Ratio	Lower	Upper
83	100		
55	71.1	65.7	98.5
98	51.2	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#40

Benzene

Concen: 55.582 ug/l

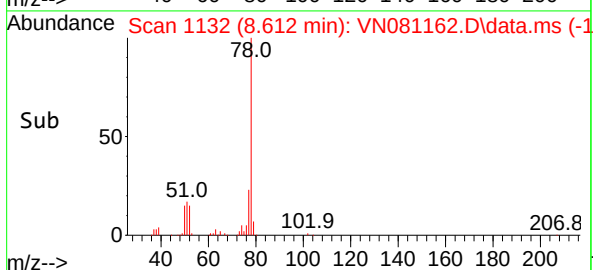
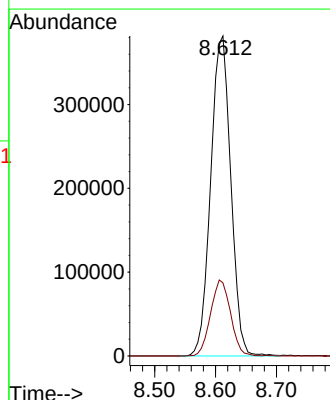
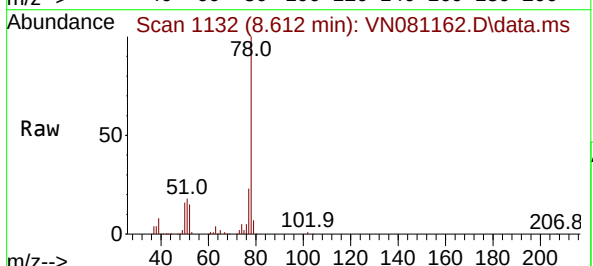
RT: 8.612 min Scan# 1132

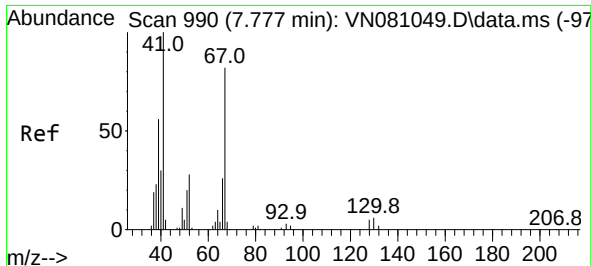
Delta R.T. 0.006 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

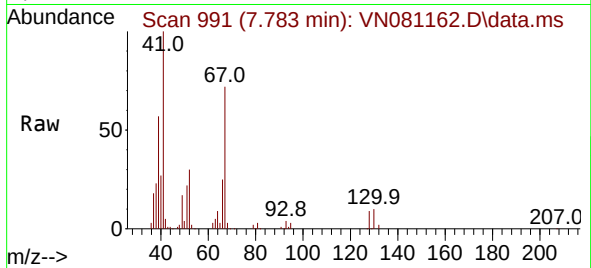
Tgt Ion:	78	Resp:	874737
Ion	Ratio	Lower	Upper
78	100		
77	22.9	20.4	30.6





#41
Methacrylonitrile
Concen: 56.594 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

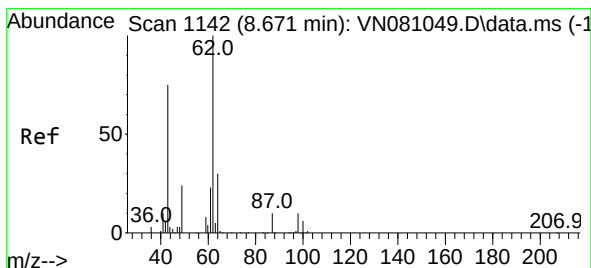
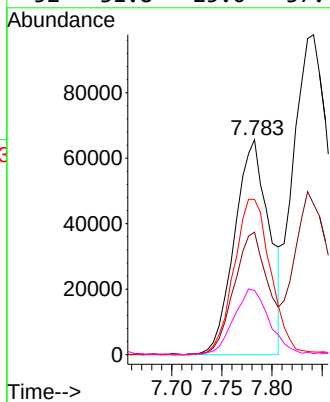
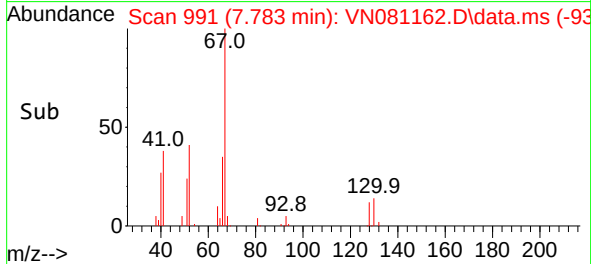
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 15805
Ion Ratio Lower Upper
41 100
39 56.0 48.4 72.6
67 77.2 56.8 85.2
52 31.8 25.0 37.4

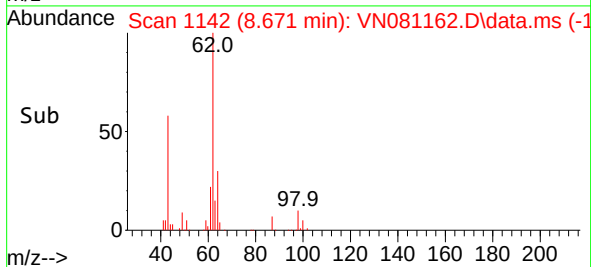
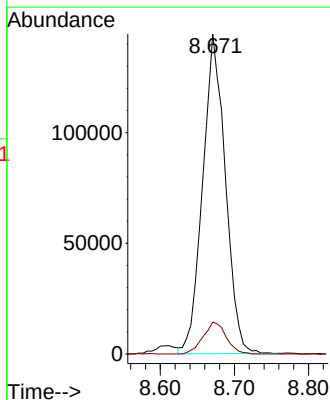
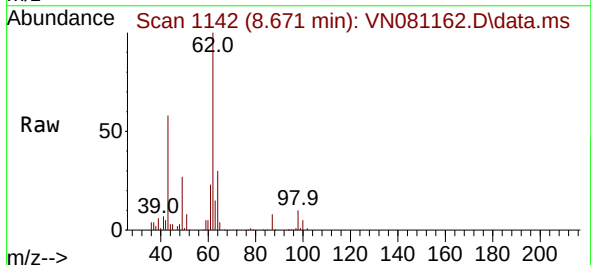
Manual Integrations
APPROVED

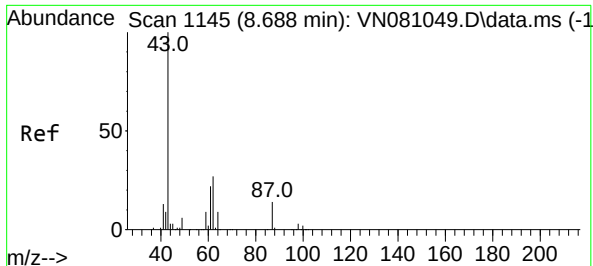
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#42
1,2-Dichloroethane
Concen: 55.858 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

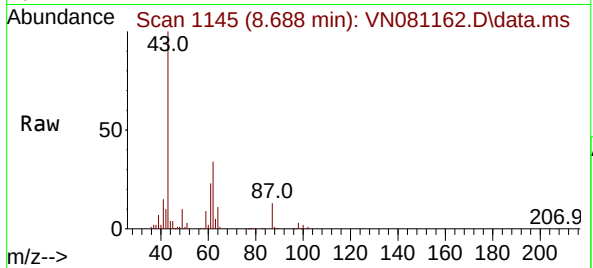
Tgt Ion: 62 Resp: 306695
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.0





#43
Isopropyl Acetate
Concen: 56.576 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

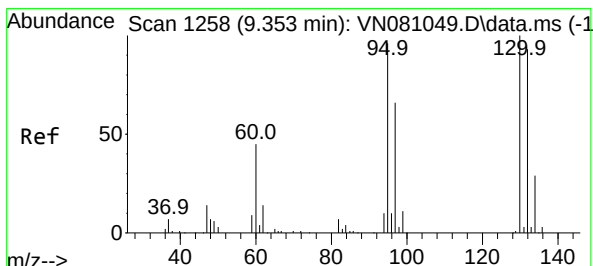
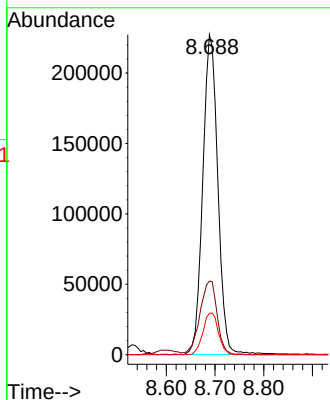
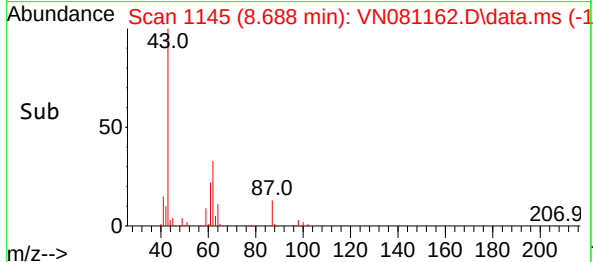
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



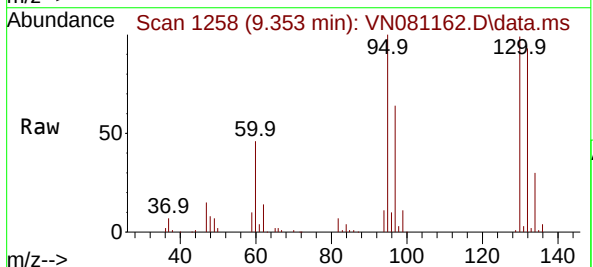
Tgt Ion: 43 Resp: 485544
Ion Ratio Lower Upper
43 100
61 26.5 19.9 29.9
87 13.4 9.0 13.6

Manual Integrations
APPROVED

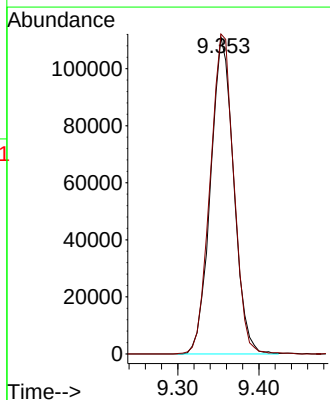
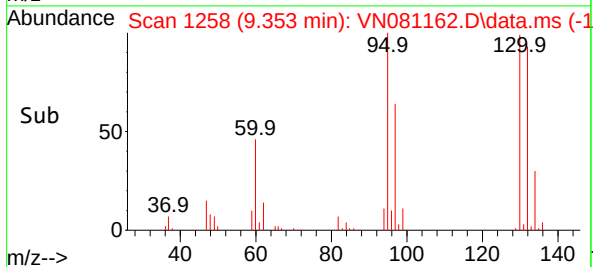
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

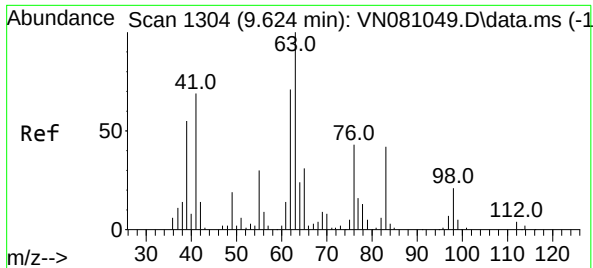


#44
Trichloroethene
Concen: 52.534 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22



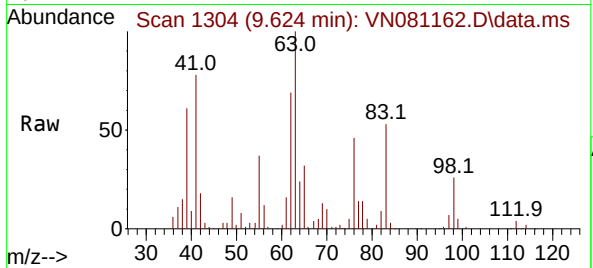
Tgt Ion:130 Resp: 220206
Ion Ratio Lower Upper
130 100
95 100.9 0.0 210.4





#45
1,2-Dichloropropane
Concen: 57.082 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

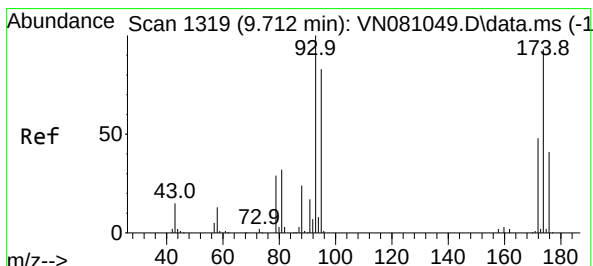
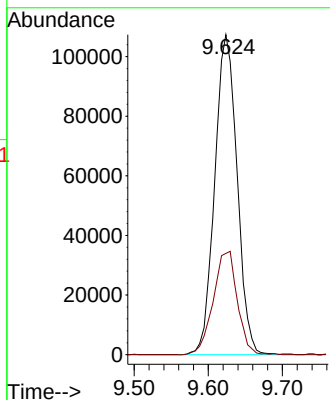
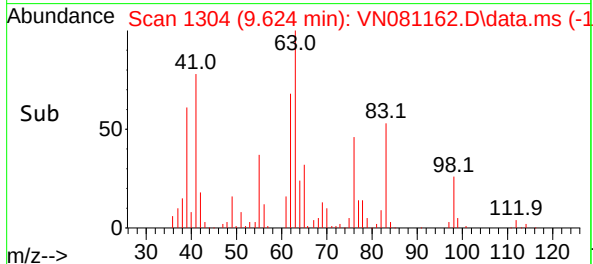
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



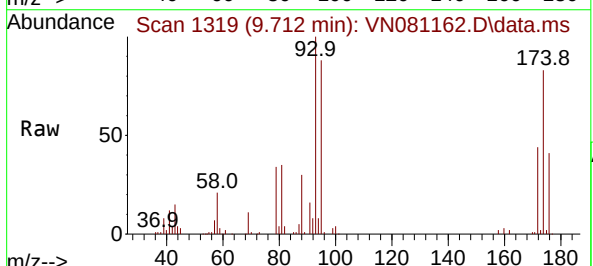
Tgt Ion: 63 Resp: 224710
Ion Ratio Lower Upper
63 100
65 31.6 26.1 39.1

Manual Integrations
APPROVED

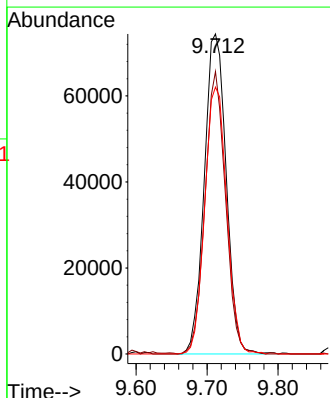
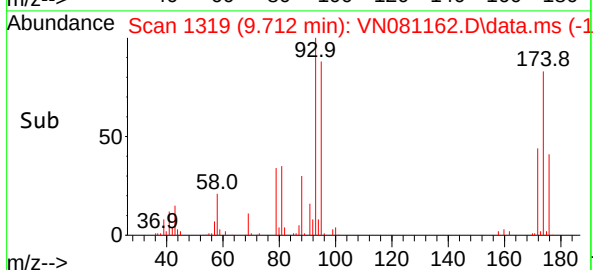
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

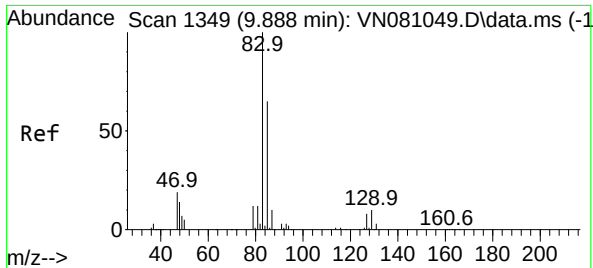


#46
Dibromomethane
Concen: 55.668 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22



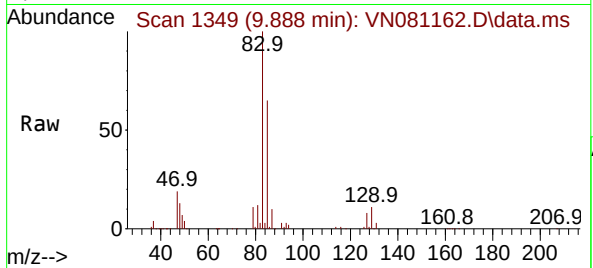
Tgt Ion: 93 Resp: 159674
Ion Ratio Lower Upper
93 100
95 82.7 68.1 102.1
174 83.8 57.2 85.8





#47
Bromodichloromethane
Concen: 58.019 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

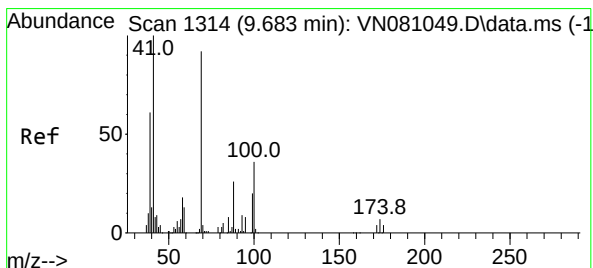
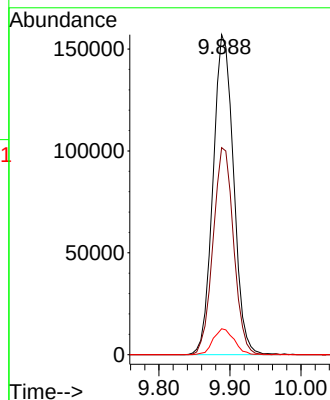
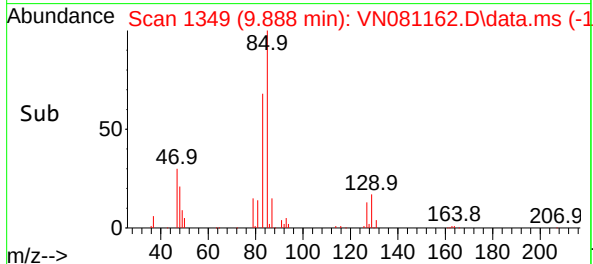
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 315189
Ion Ratio Lower Upper
83 100
85 64.7 52.3 78.5
127 8.1 4.6 7.0

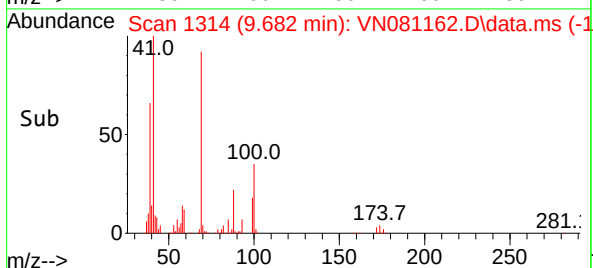
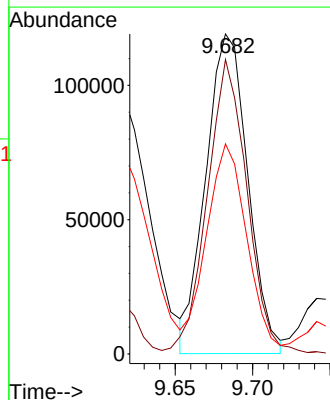
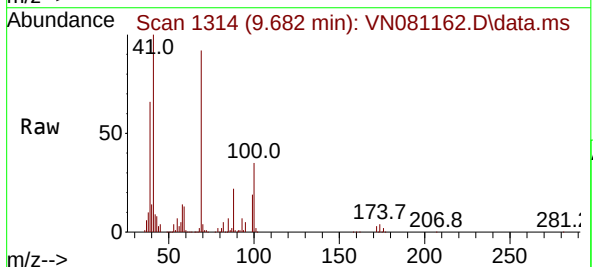
Manual Integrations
APPROVED

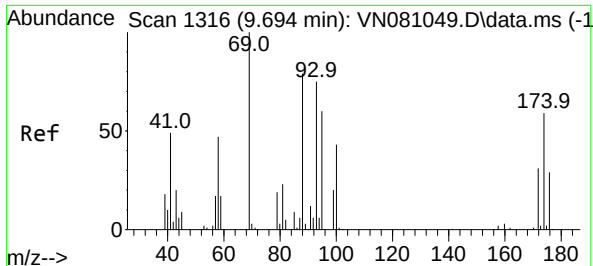
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#48
Methyl methacrylate
Concen: 56.144 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 41 Resp: 224205
Ion Ratio Lower Upper
41 100
69 87.4 62.2 93.2
39 63.8 47.6 71.4





#49

1,4-Dioxane

Concen: 1262.426 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 92000

Ion Ratio Lower Upper

88 100

43 26.9 30.1 45.1

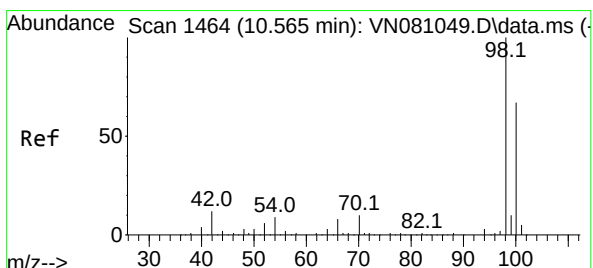
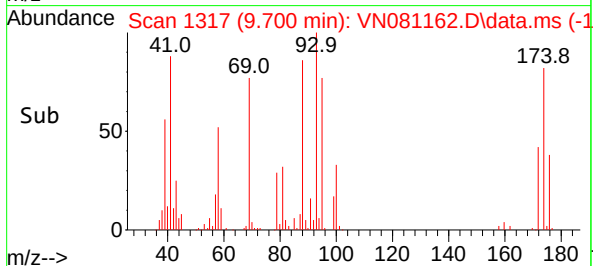
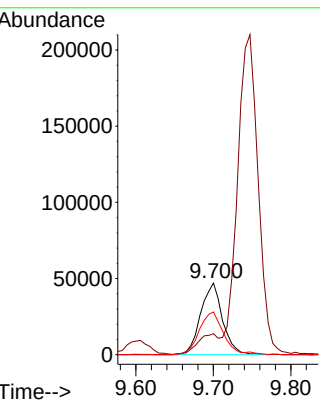
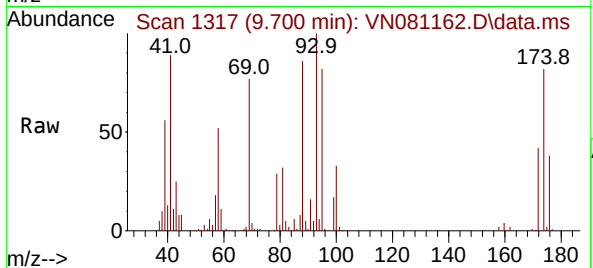
58 66.8 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#50

Toluene-d8

Concen: 47.330 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081162.D

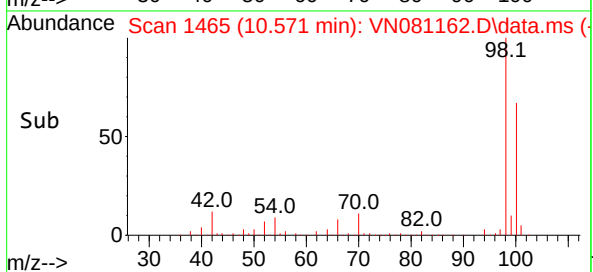
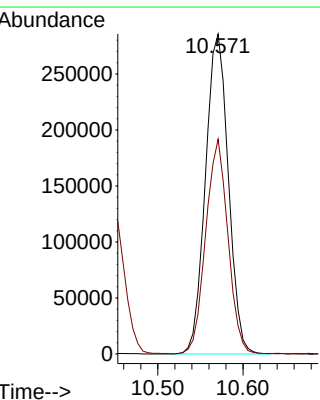
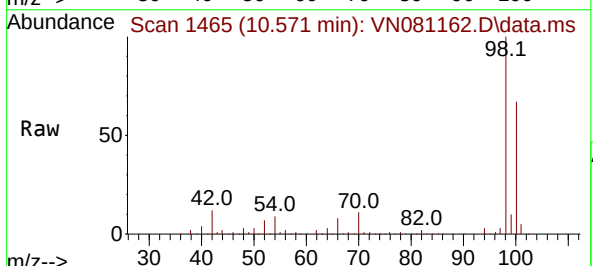
Acq: 23 Feb 2024 16:22

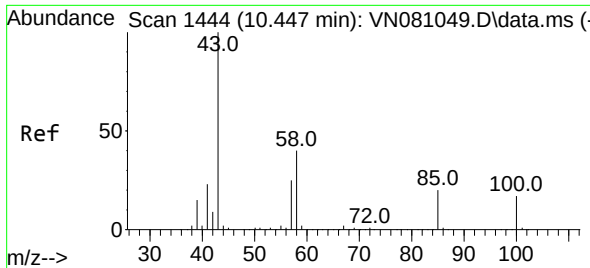
Tgt Ion: 98 Resp: 533504

Ion Ratio Lower Upper

98 100

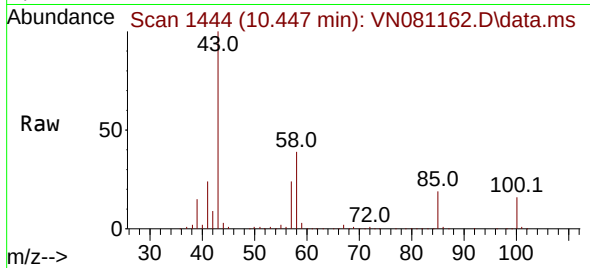
100 65.3 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 297.551 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

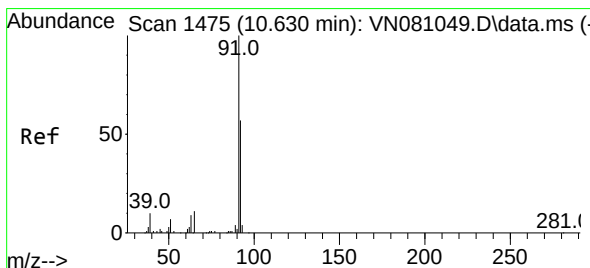
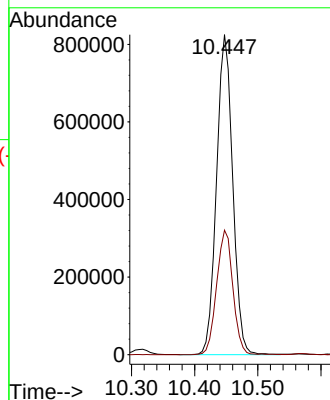
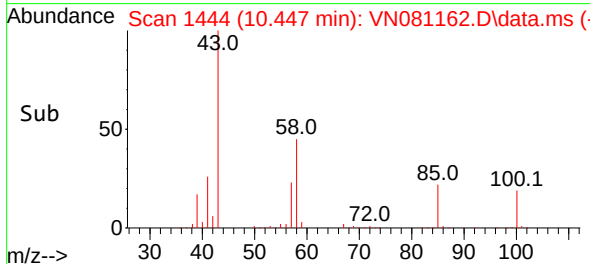
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



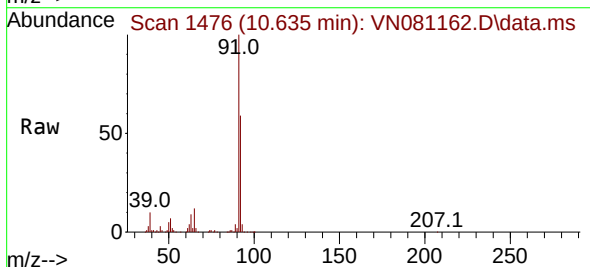
Tgt Ion: 43 Resp: 1468979
Ion Ratio Lower Upper
43 100
58 39.1 29.4 44.0

Manual Integrations
APPROVED

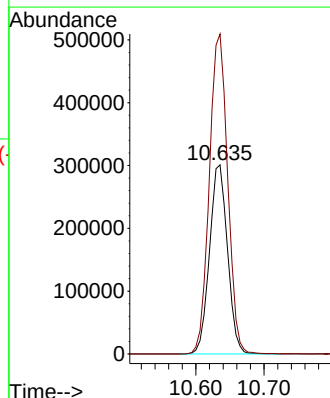
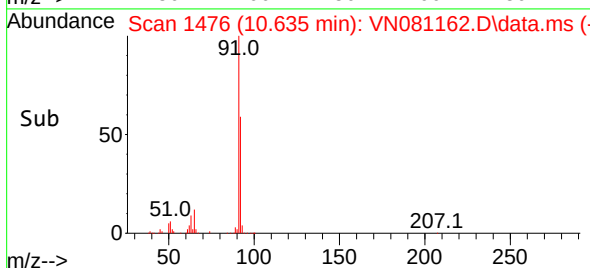
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

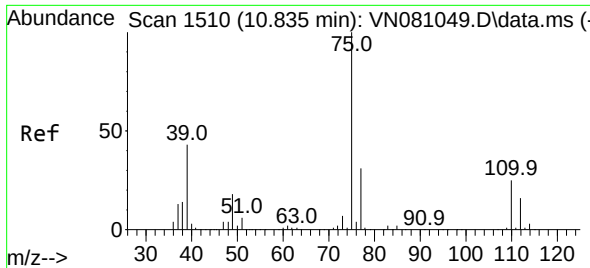


#52
Toluene
Concen: 55.424 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22



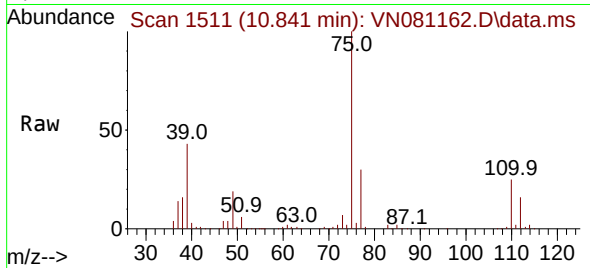
Tgt Ion: 92 Resp: 552199
Ion Ratio Lower Upper
92 100
91 172.7 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 56.911 ug/l
 RT: 10.841 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

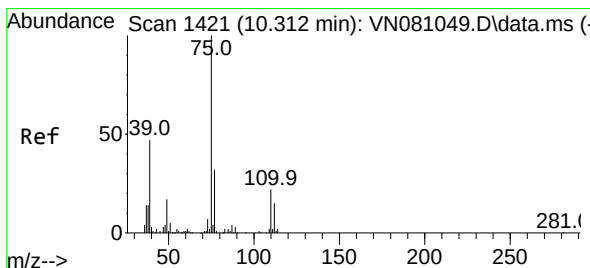
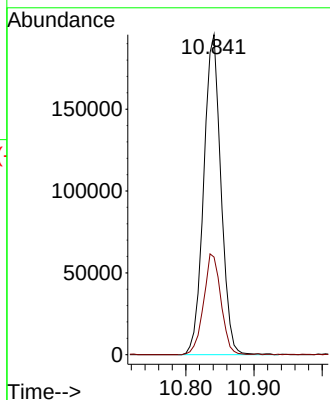
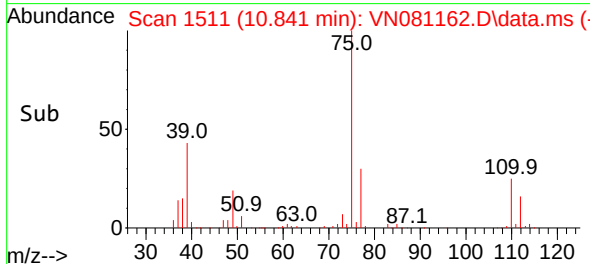
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 343560
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.5 38.3

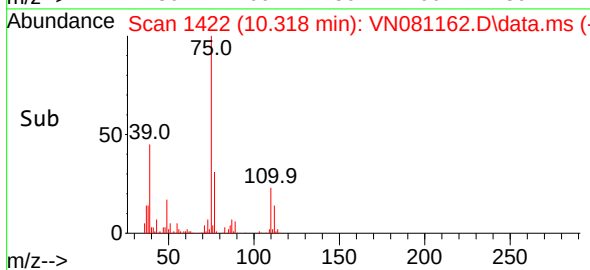
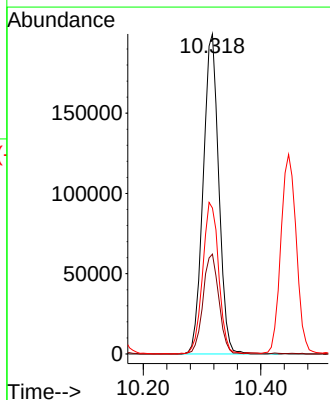
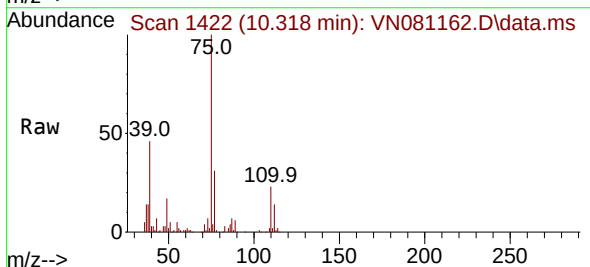
Manual Integrations
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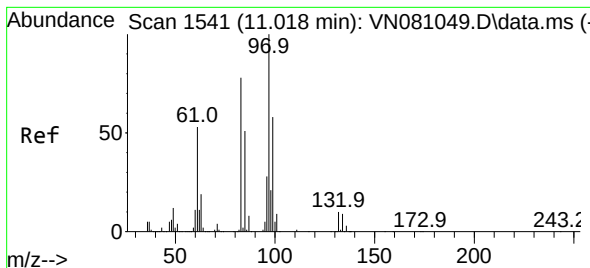
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#54
 cis-1,3-Dichloropropene
 Concen: 56.225 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

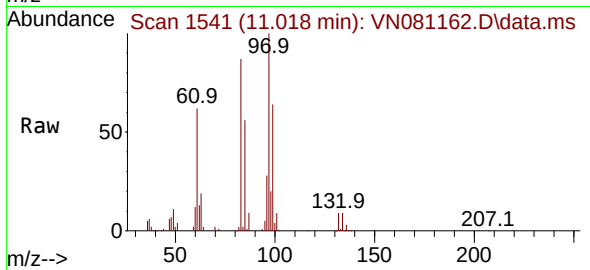
Tgt Ion: 75 Resp: 366722
 Ion Ratio Lower Upper
 75 100
 77 31.2 23.3 34.9
 39 45.6 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 57.964 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

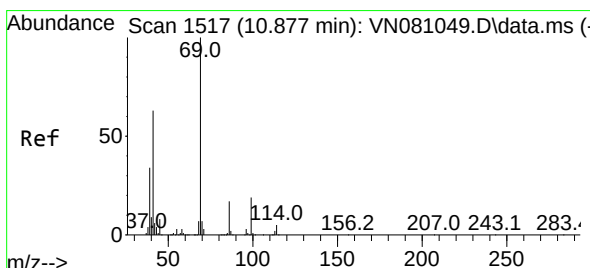
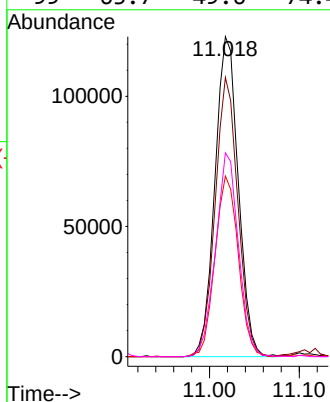
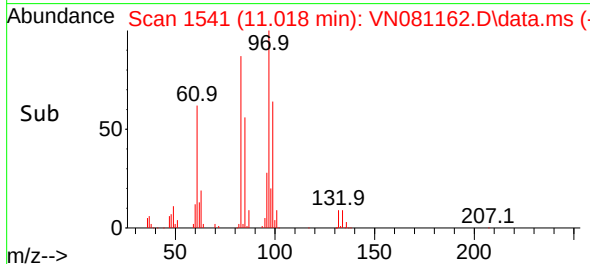
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 222120
Ion Ratio Lower Upper
97 100
83 87.2 72.9 109.3
85 56.5 50.2 75.2
99 63.7 49.6 74.4

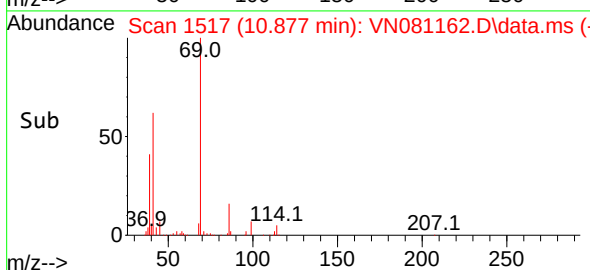
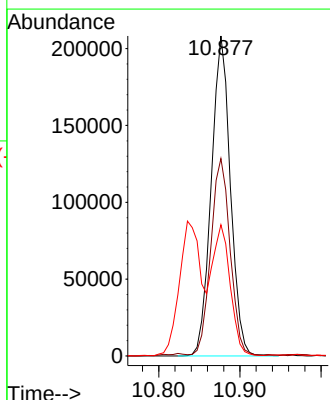
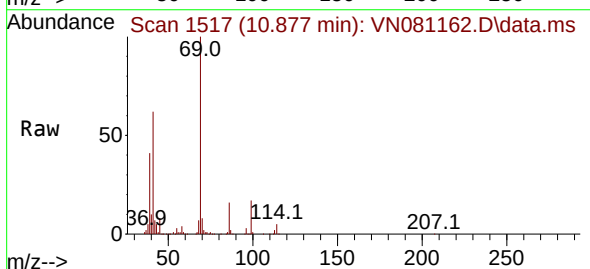
Manual Integrations
APPROVED

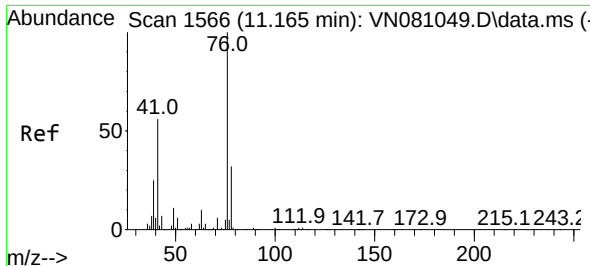
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#56
Ethyl methacrylate
Concen: 58.193 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

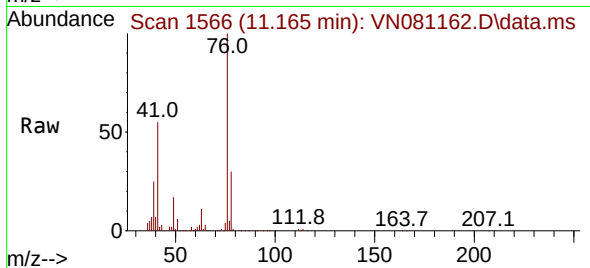
Tgt Ion: 69 Resp: 340808
Ion Ratio Lower Upper
69 100
41 61.9 61.0 91.6
39 38.0 31.8 47.6





#57
1,3-Dichloropropane
Concen: 57.927 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

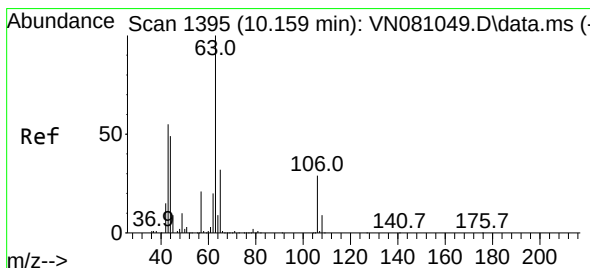
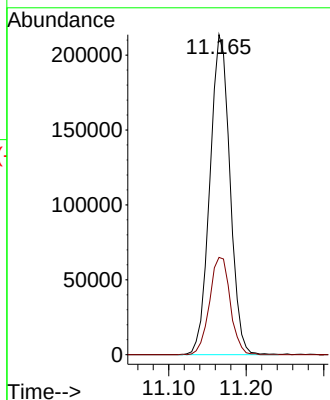
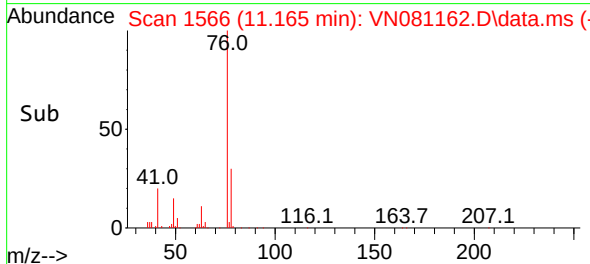
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



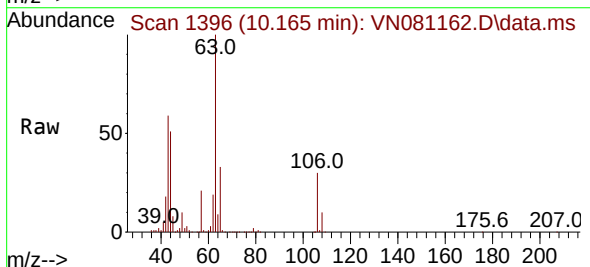
Tgt Ion: 76 Resp: 38381
Ion Ratio Lower Upper
76 100
78 31.4 25.5 38.3

Manual Integrations
APPROVED

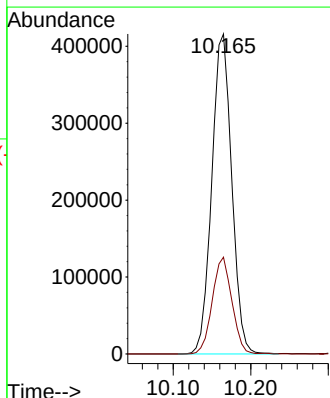
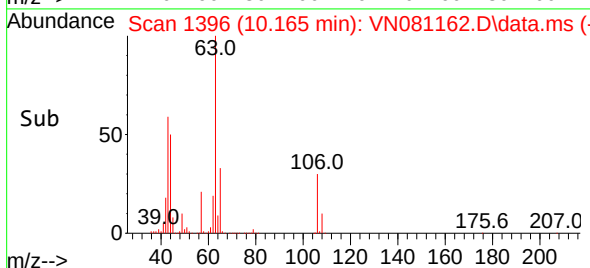
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

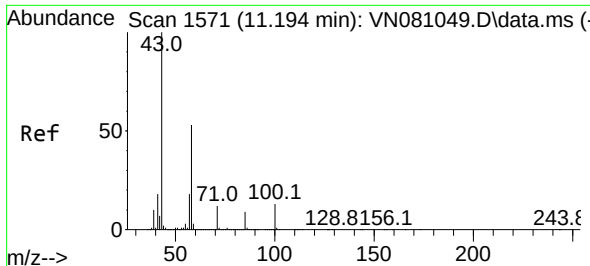


#58
2-Chloroethyl Vinyl ether
Concen: 252.921 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22



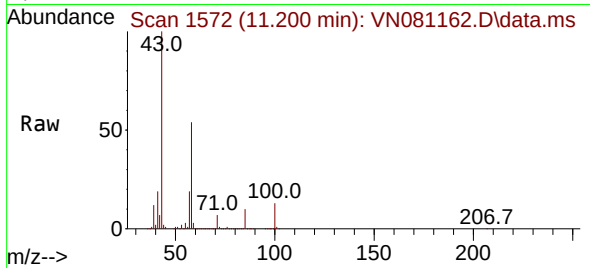
Tgt Ion: 63 Resp: 743212
Ion Ratio Lower Upper
63 100
106 29.8 18.6 28.0#





#59
2-Hexanone
Concen: 276.135 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

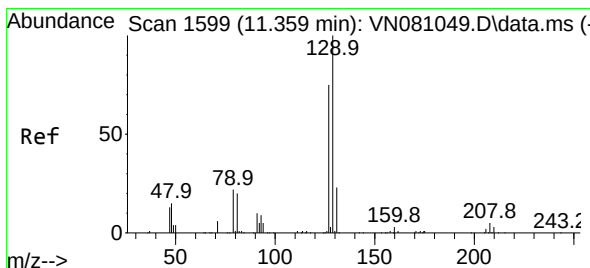
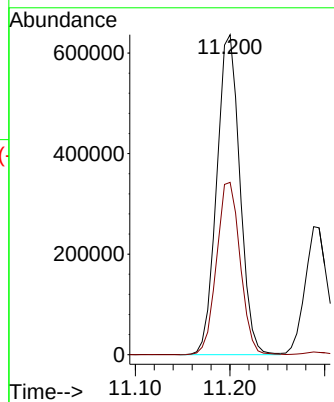
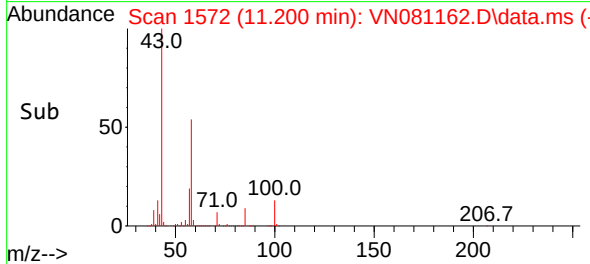
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 108078
Ion Ratio Lower Upper
43 100
58 54.9 25.9 77.8

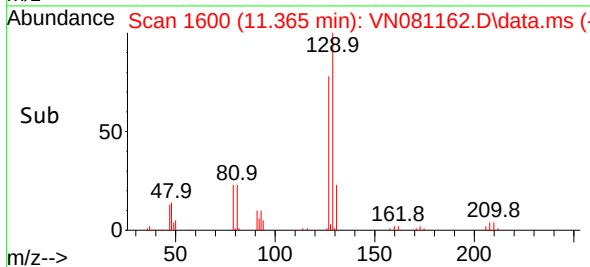
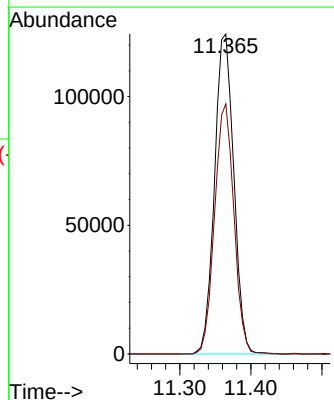
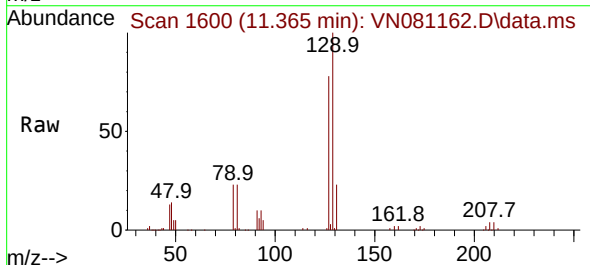
Manual Integrations
APPROVED

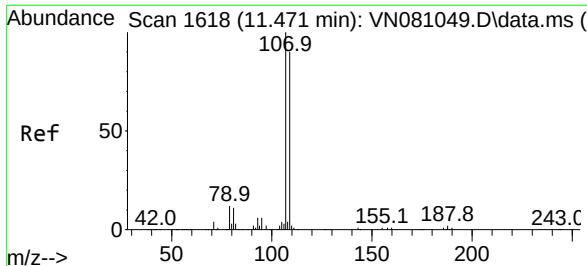
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#60
Dibromochloromethane
Concen: 57.459 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

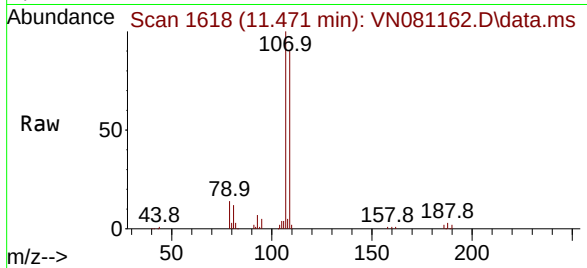
Tgt Ion:129 Resp: 233909
Ion Ratio Lower Upper
129 100
127 78.3 39.4 118.2





#61
1,2-Dibromoethane
Concen: 56.540 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

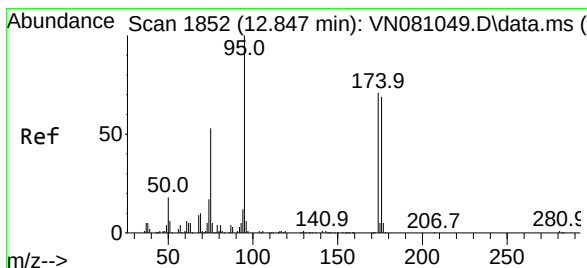
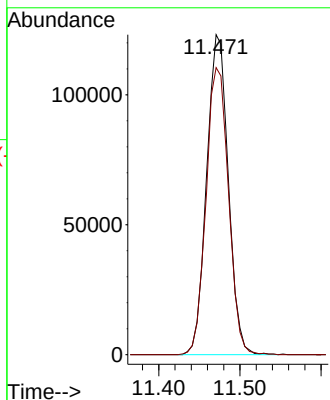
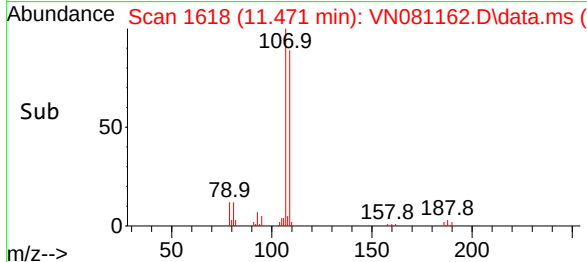
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



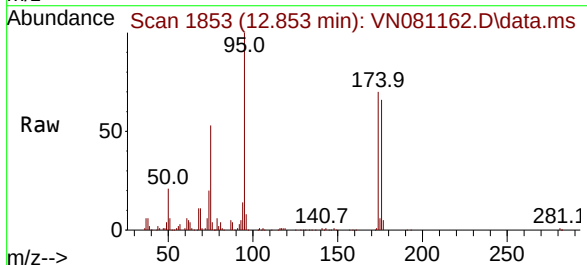
Tgt Ion:107 Resp: 227830
Ion Ratio Lower Upper
107 100
109 93.1 73.4 110.2

Manual Integrations
APPROVED

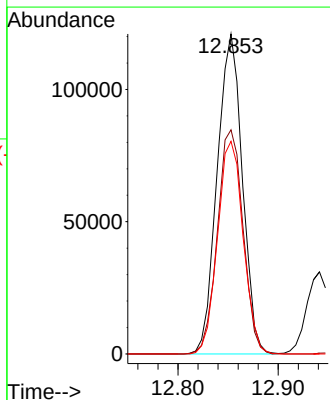
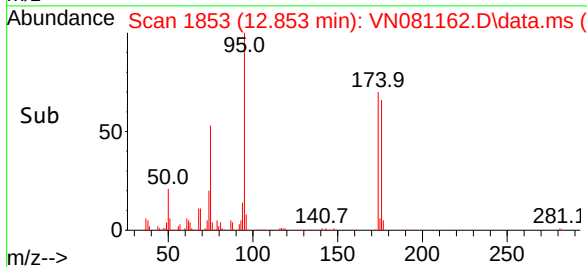
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

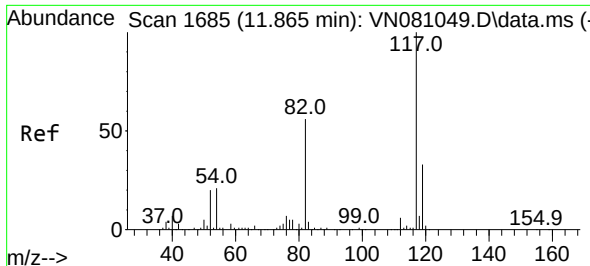


#62
4-Bromofluorobenzene
Concen: 49.762 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22



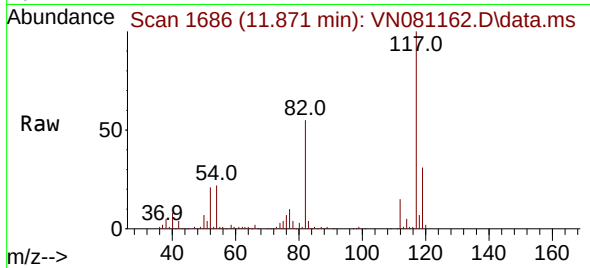
Tgt Ion: 95 Resp: 210764
Ion Ratio Lower Upper
95 100
174 71.2 0.0 120.4
176 67.7 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

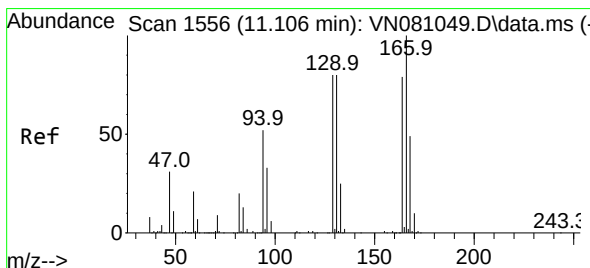
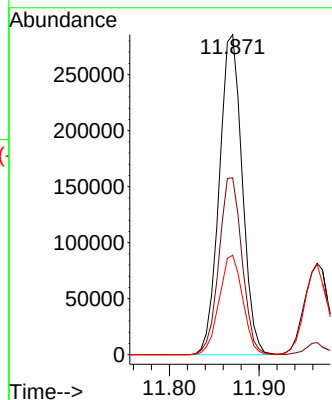
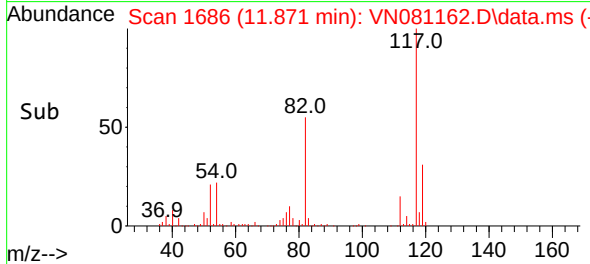
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 507594
Ion Ratio Lower Upper
117 100
82 55.2 52.7 79.1
119 31.1 25.3 37.9

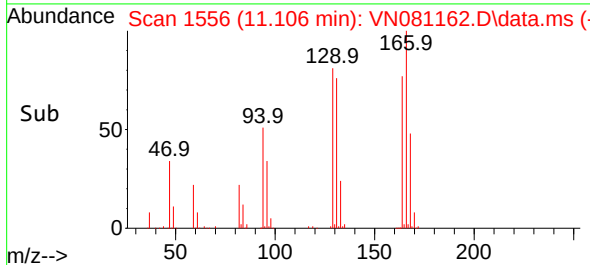
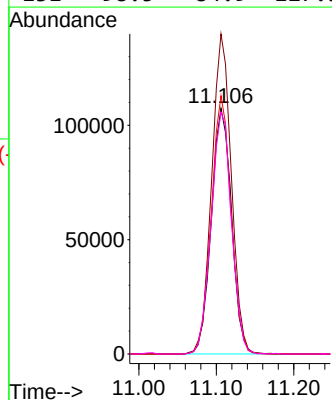
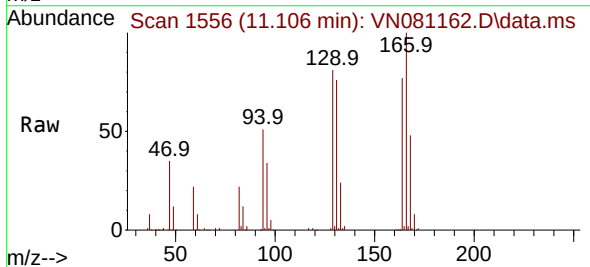
Manual Integrations
APPROVED

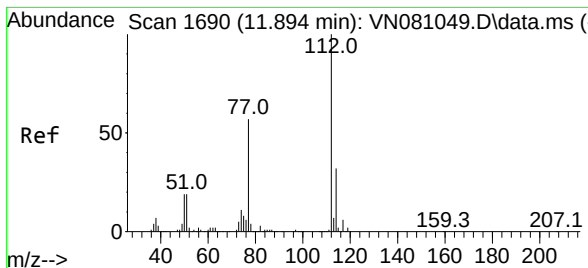
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#64
Tetrachloroethene
Concen: 56.021 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

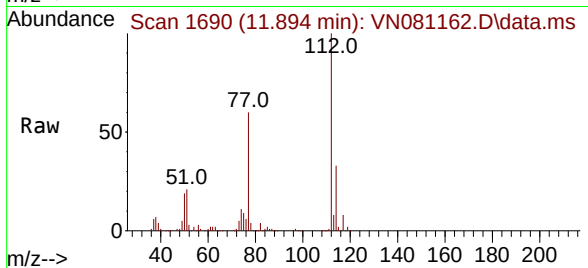
Tgt Ion:164 Resp: 194076
Ion Ratio Lower Upper
164 100
166 130.3 105.8 158.6
129 105.1 89.6 134.4
131 98.5 84.9 127.3





#65
Chlorobenzene
Concen: 53.648 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

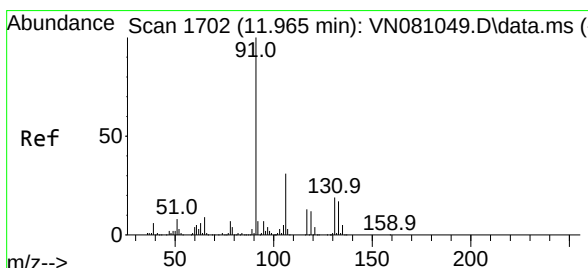
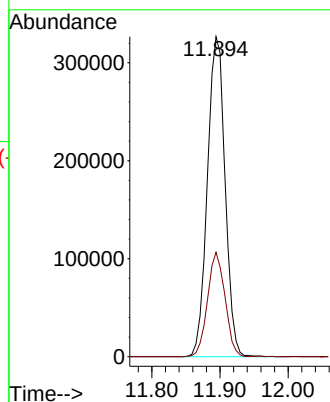
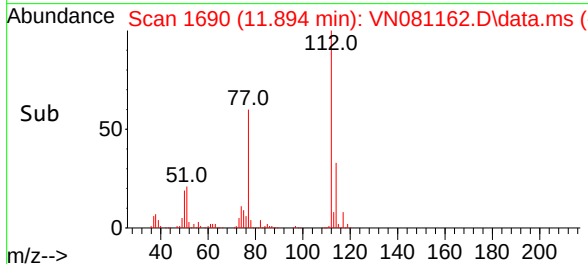
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 589370
Ion Ratio Lower Upper
112 100
114 32.6 23.7 35.5

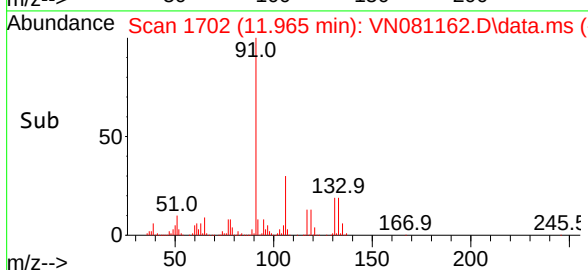
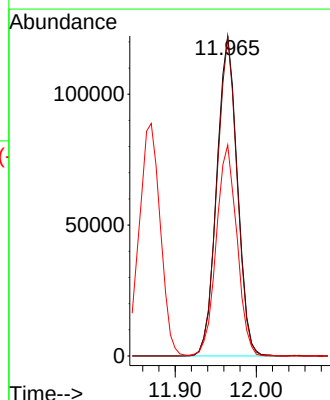
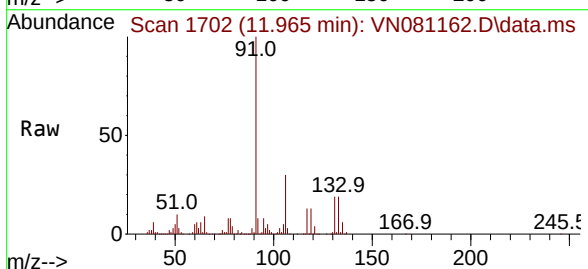
Manual Integrations
APPROVED

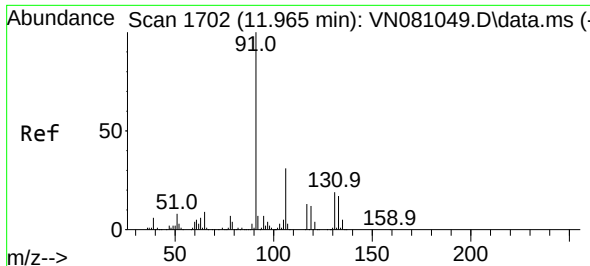
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.630 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion:131 Resp: 215561
Ion Ratio Lower Upper
131 100
133 97.8 46.8 140.3
119 66.1 34.6 103.9





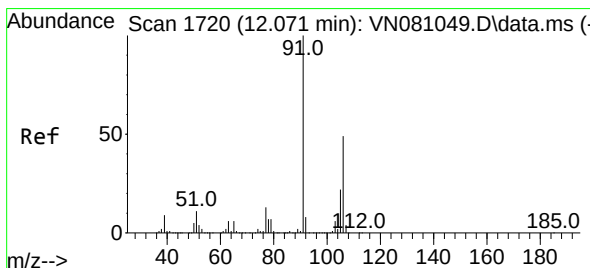
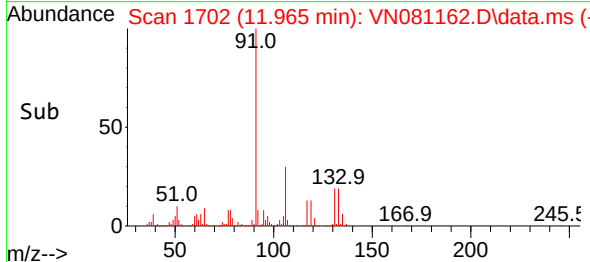
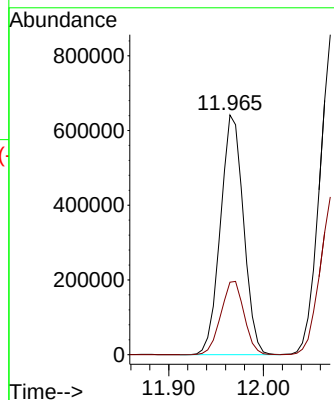
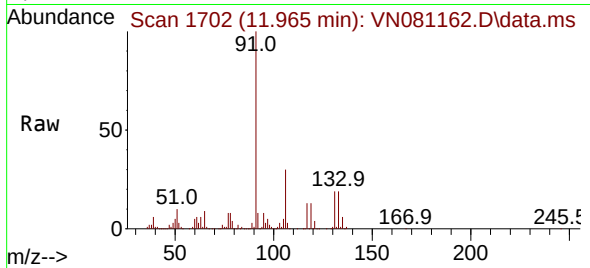
#67
Ethyl Benzene
Concen: 55.294 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1086979
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6

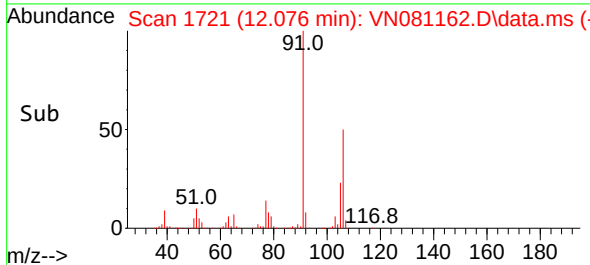
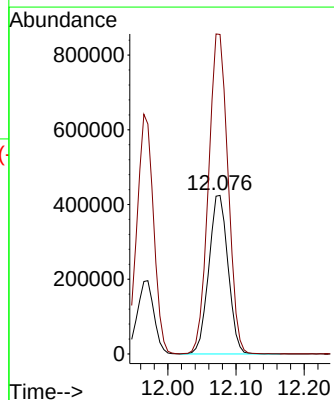
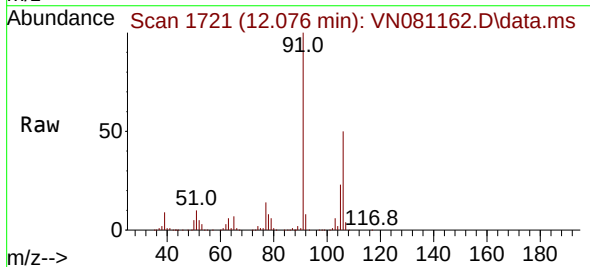
Manual Integrations
APPROVED

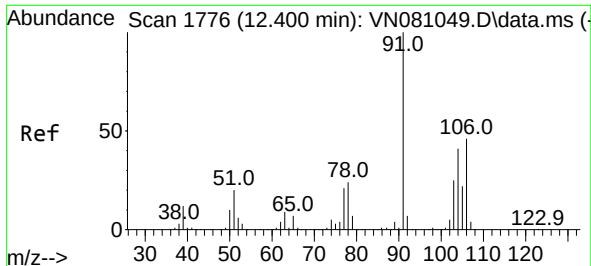
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#68
m/p-Xylenes
Concen: 110.641 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

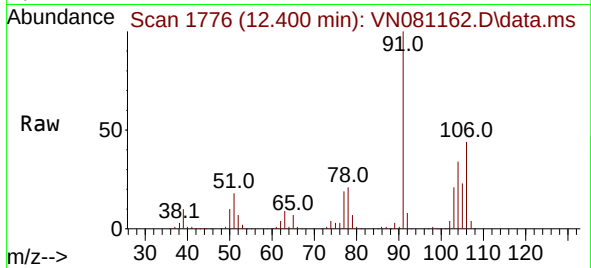
Tgt Ion:106 Resp: 833684
Ion Ratio Lower Upper
106 100
91 204.0 169.0 253.6





#69
o-Xylene
Concen: 54.958 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

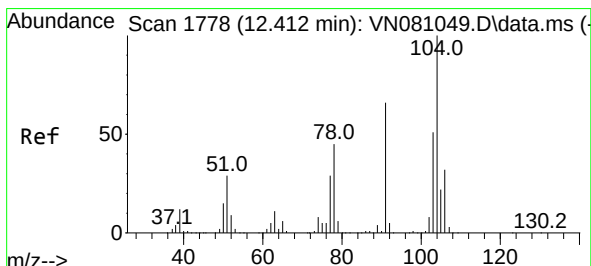
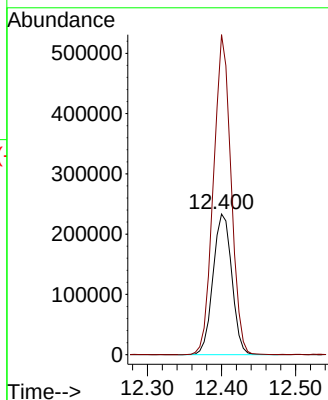
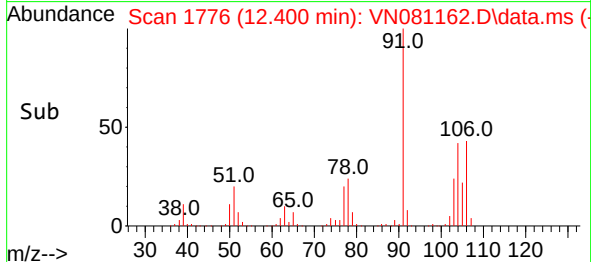
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



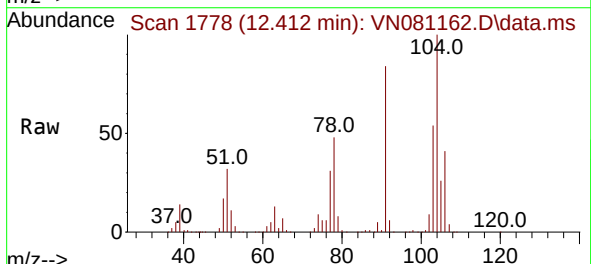
Tgt Ion:106 Resp: 410484
Ion Ratio Lower Upper
106 100
91 213.4 112.1 336.3

Manual Integrations
APPROVED

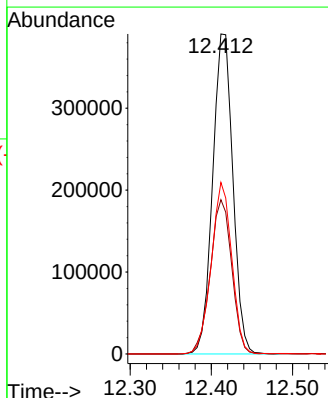
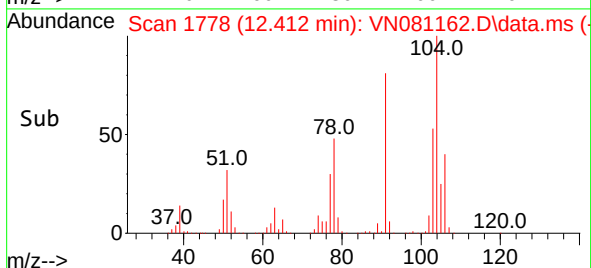
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

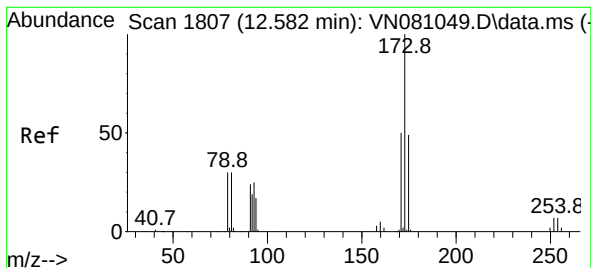


#70
Styrene
Concen: 57.214 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22



Tgt Ion:104 Resp: 677171
Ion Ratio Lower Upper
104 100
78 51.0 43.8 65.8
103 54.3 44.2 66.2





#71

Bromoform

Concen: 60.282 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

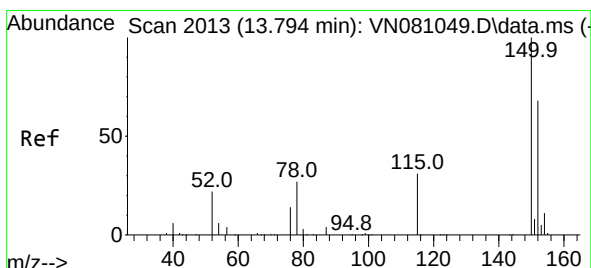
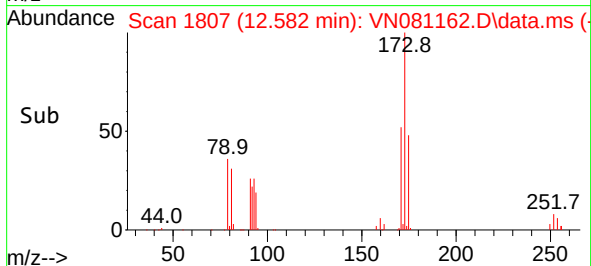
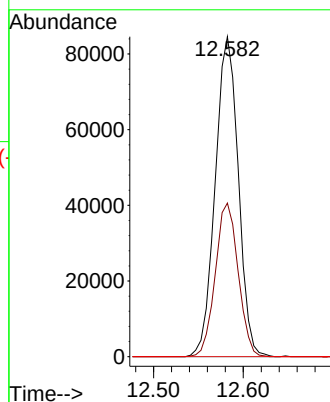
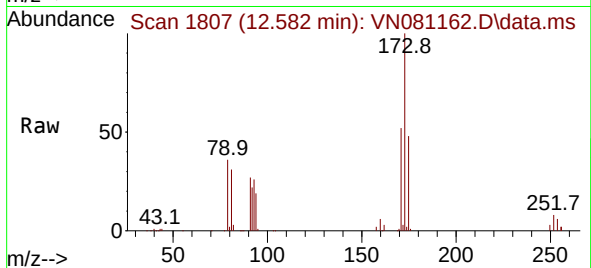
Tgt Ion:173 Resp: 15091
 Ion Ratio Lower Upper
 173 100
 175 47.6 23.1 69.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

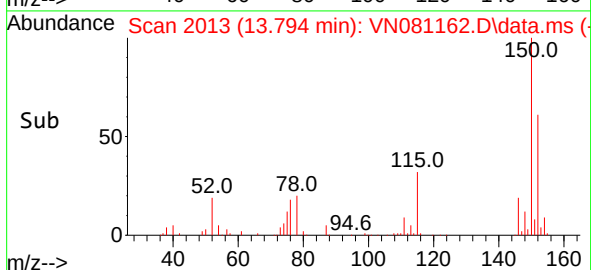
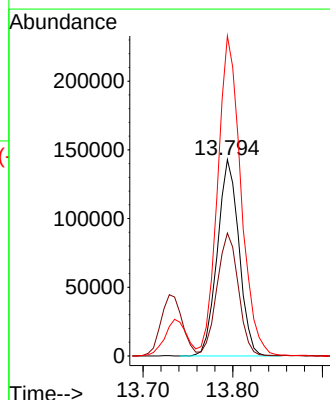
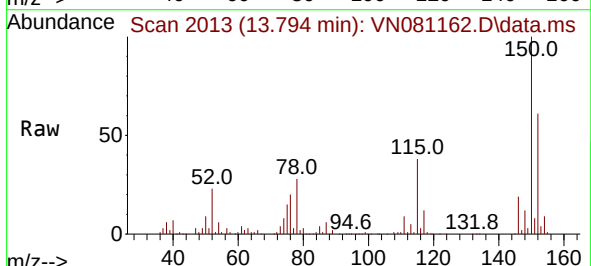
RT: 13.794 min Scan# 2013

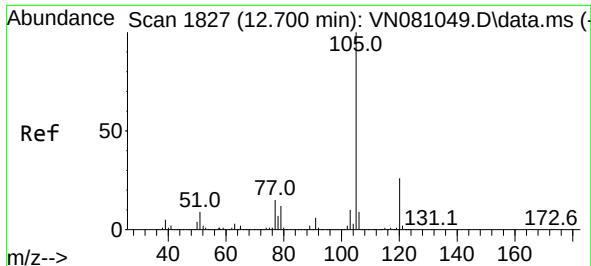
Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

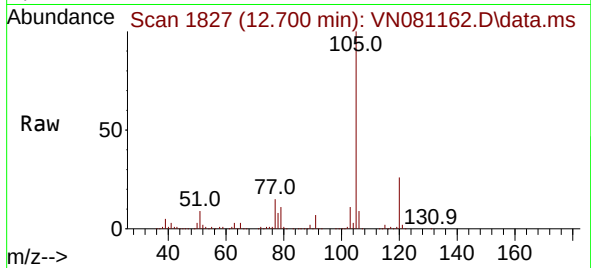
Tgt Ion:152 Resp: 238800
 Ion Ratio Lower Upper
 152 100
 115 61.8 32.3 96.8
 150 176.1 0.0 339.8





#73
Isopropylbenzene
Concen: 51.441 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

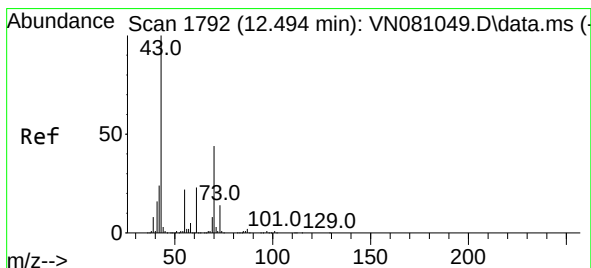
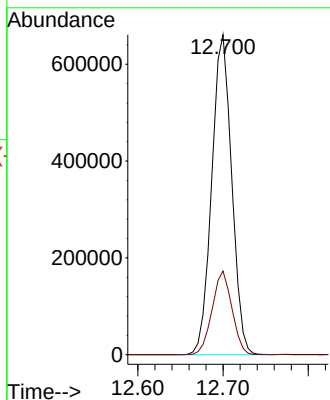
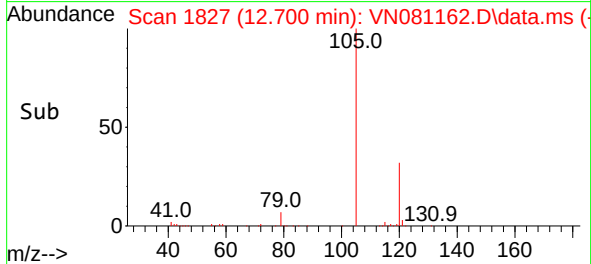
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 1074774
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.6

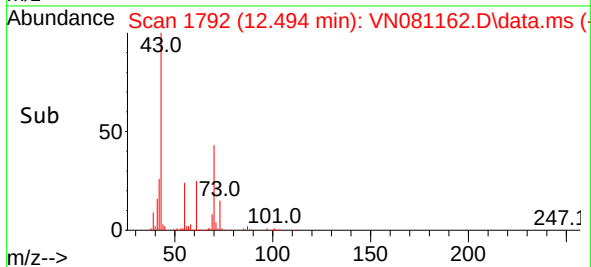
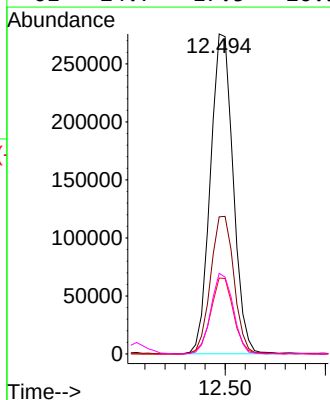
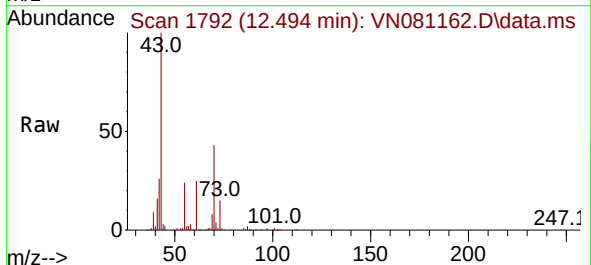
Manual Integrations
APPROVED

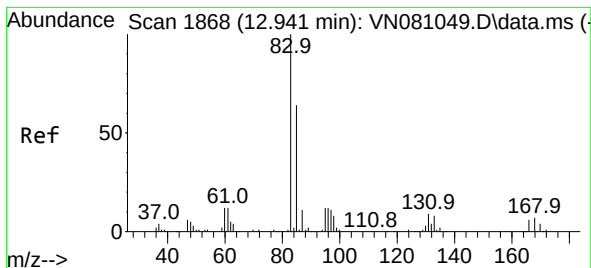
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#74
N-ethyl acetate
Concen: 49.332 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 43 Resp: 435619
Ion Ratio Lower Upper
43 100
70 44.3 30.1 45.1
55 24.0 17.0 25.4
61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 53.530 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 31449

Ion Ratio Lower Upper

83 100

131 9.7 4.1 12.3

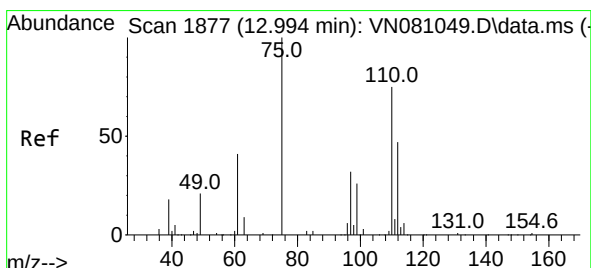
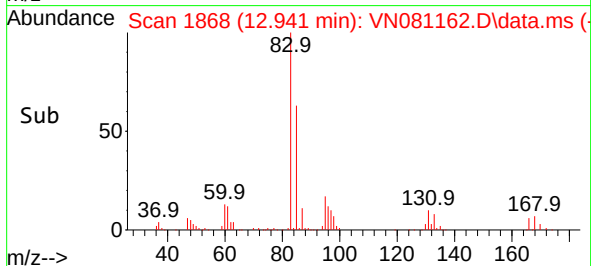
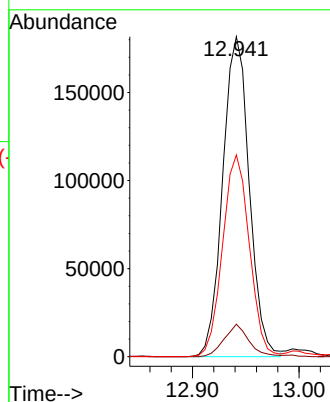
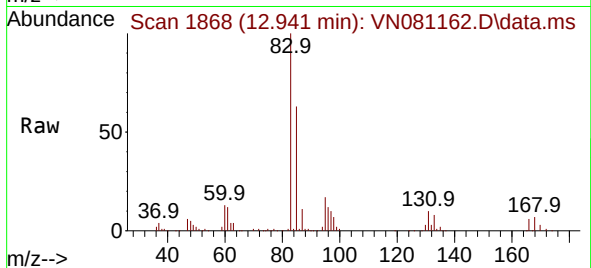
85 63.6 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#76

1,2,3-Trichloropropane

Concen: 53.826 ug/l m

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN081162.D

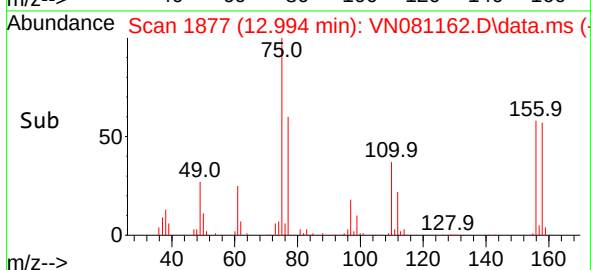
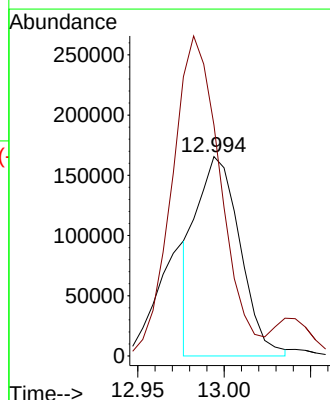
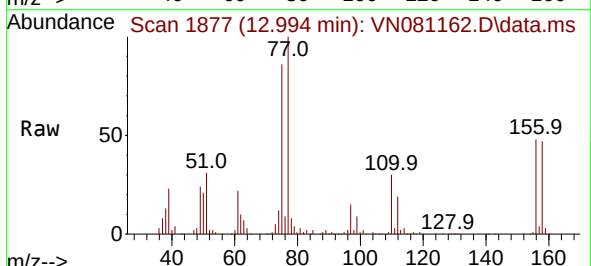
Acq: 23 Feb 2024 16:22

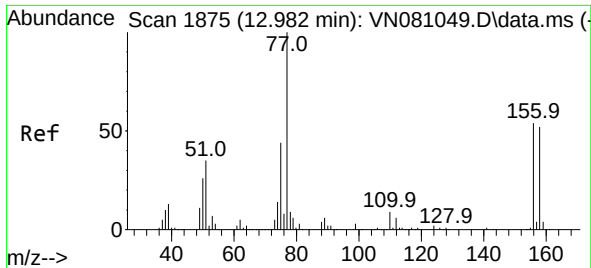
Tgt Ion: 75 Resp: 292043

Ion Ratio Lower Upper

75 100

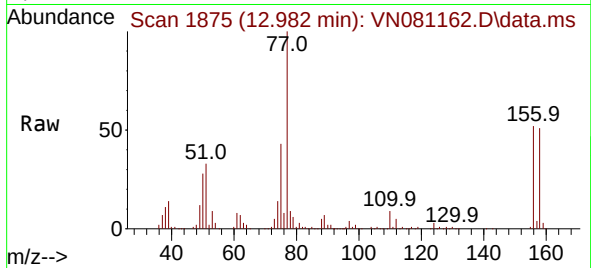
77 179.1 91.0 272.8





#77
Bromobenzene
Concen: 51.208 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

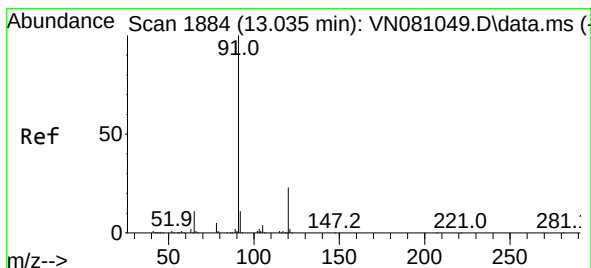
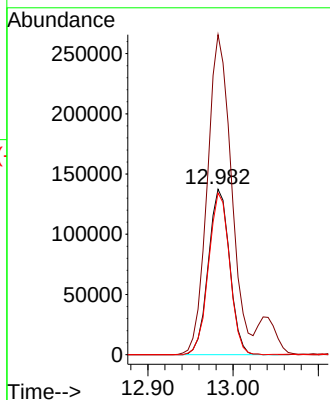
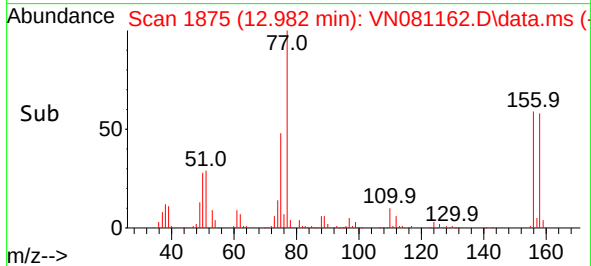
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



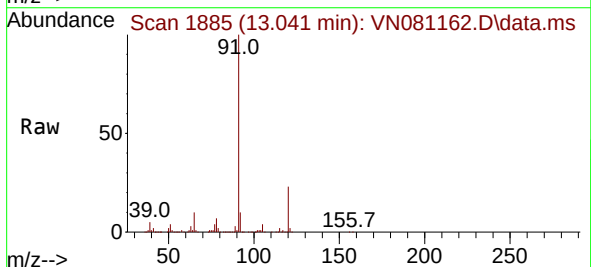
Tgt Ion:156 Resp: 23856
Ion Ratio Lower Upper
156 100
77 219.3 138.1 414.3
158 96.8 46.5 139.5

Manual Integrations
APPROVED

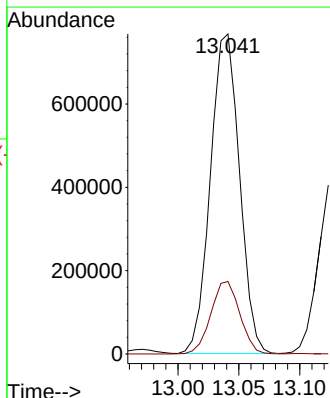
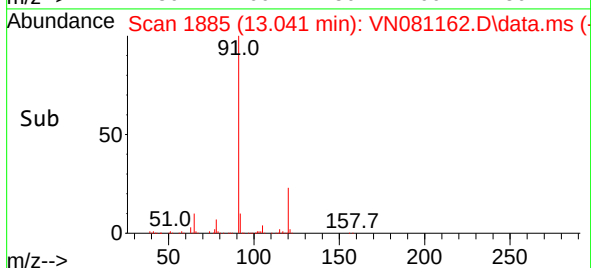
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

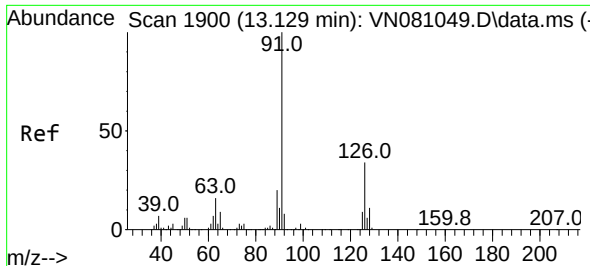


#78
n-propylbenzene
Concen: 53.104 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22



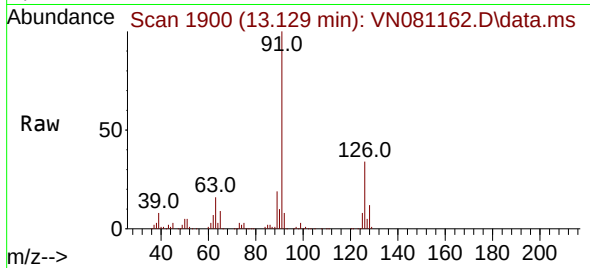
Tgt Ion: 91 Resp: 1277279
Ion Ratio Lower Upper
91 100
120 22.5 10.3 30.9





#79
2-Chlorotoluene
Concen: 50.827 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

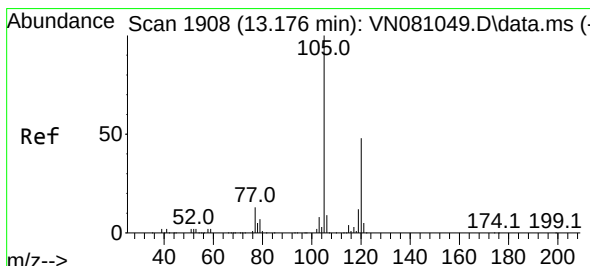
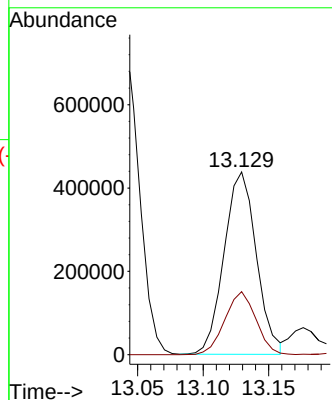
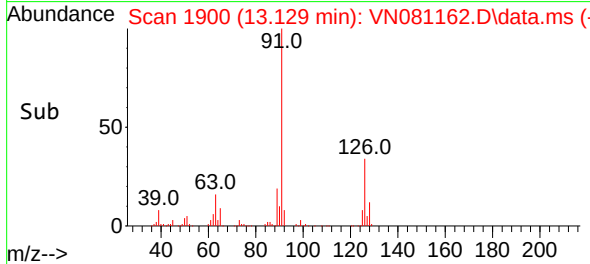
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



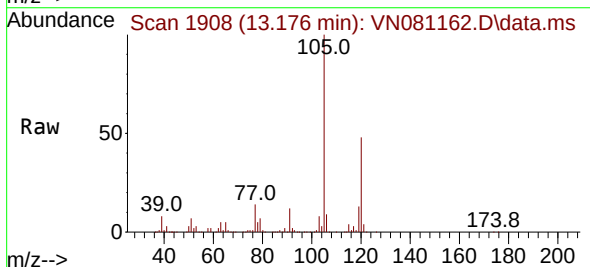
Tgt Ion: 91 Resp: 749849
Ion Ratio Lower Upper
91 100
126 33.3 14.8 44.4

Manual Integrations
APPROVED

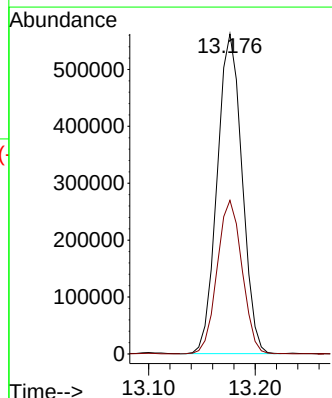
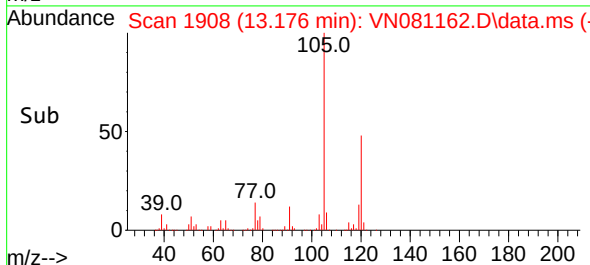
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

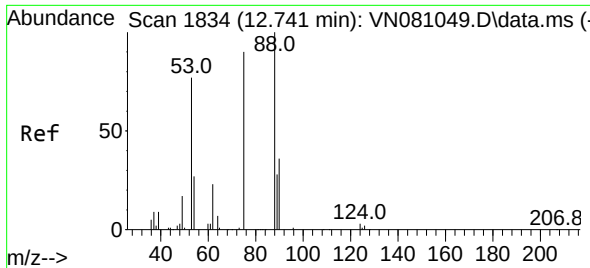


#80
1,3,5-Trimethylbenzene
Concen: 53.781 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22



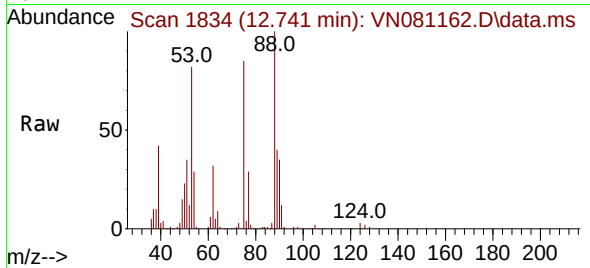
Tgt Ion:105 Resp: 911063
Ion Ratio Lower Upper
105 100
120 48.0 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 50.364 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

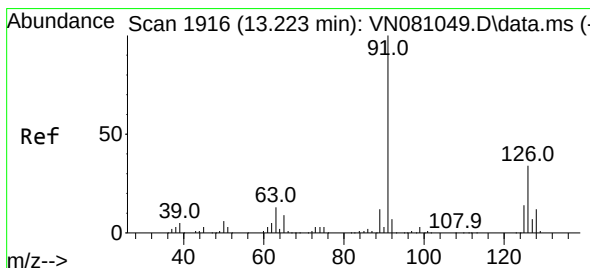
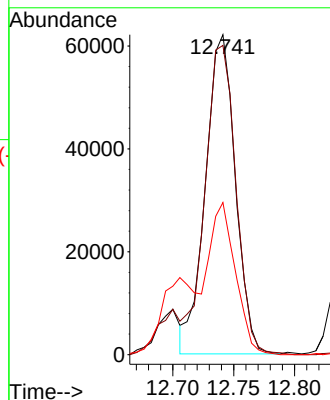
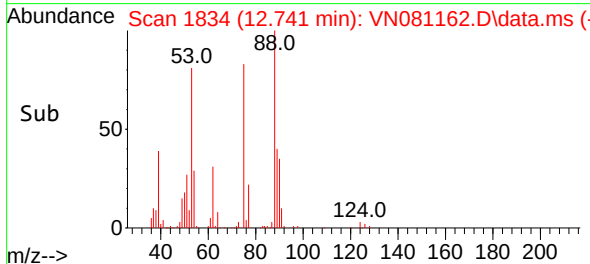
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 106164
Ion Ratio Lower Upper
75 100
53 100.8 71.4 107.2
89 41.0 33.4 50.0

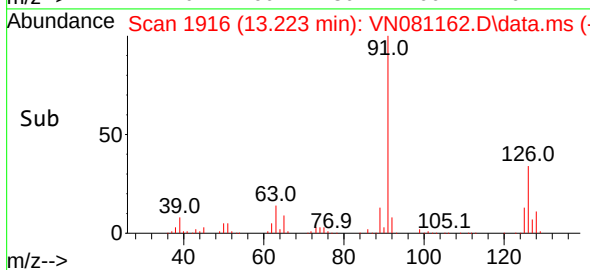
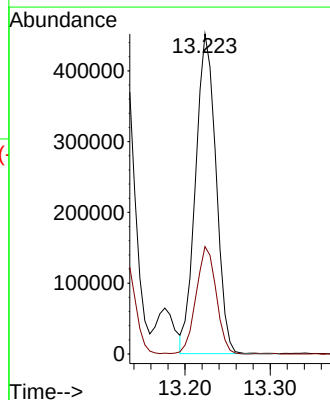
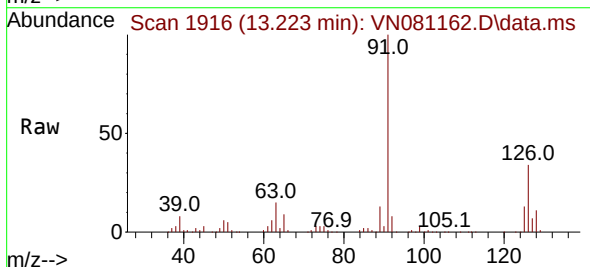
Manual Integrations
APPROVED

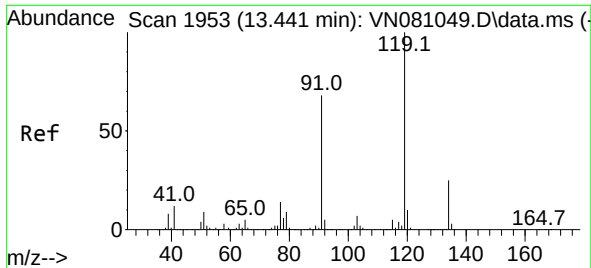
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#82
4-Chlorotoluene
Concen: 52.080 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

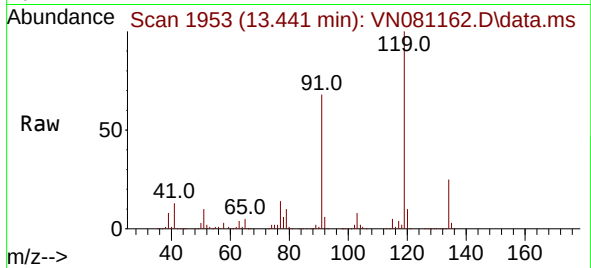
Tgt Ion: 91 Resp: 751260
Ion Ratio Lower Upper
91 100
126 33.1 15.3 45.9





#83
tert-Butylbenzene
Concen: 54.442 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

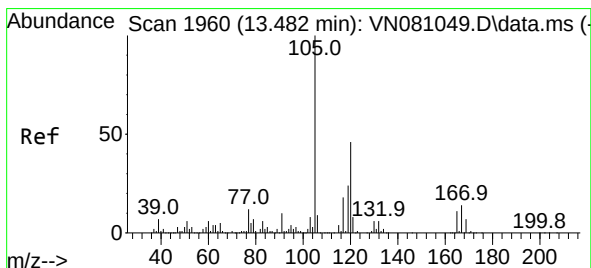
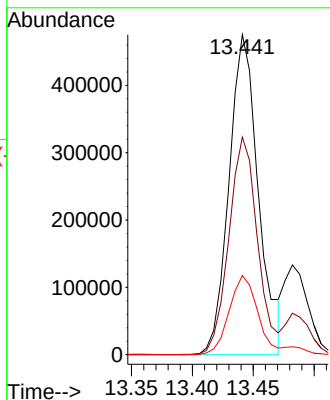
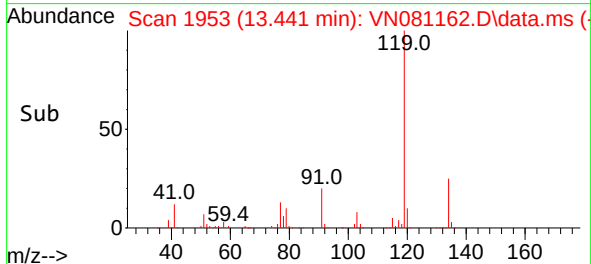
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



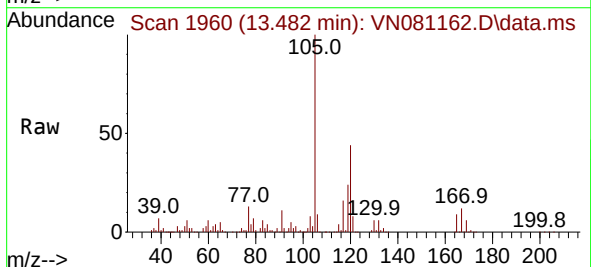
Tgt Ion:119 Resp: 797460
Ion Ratio Lower Upper
119 100
91 66.4 36.8 110.4
134 25.7 12.4 37.4

Manual Integrations
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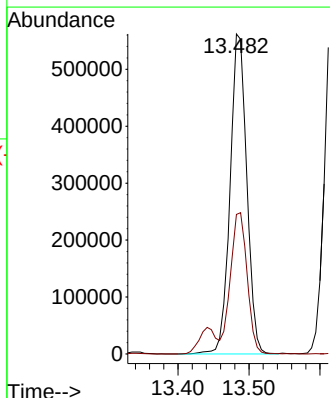
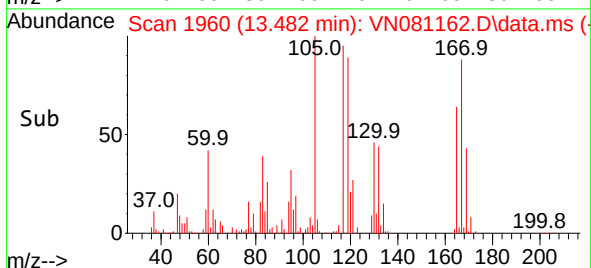
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

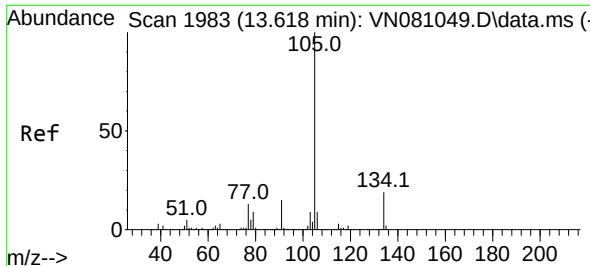


#84
1,2,4-Trimethylbenzene
Concen: 54.520 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22



Tgt Ion:105 Resp: 920336
Ion Ratio Lower Upper
105 100
120 44.0 20.9 62.7





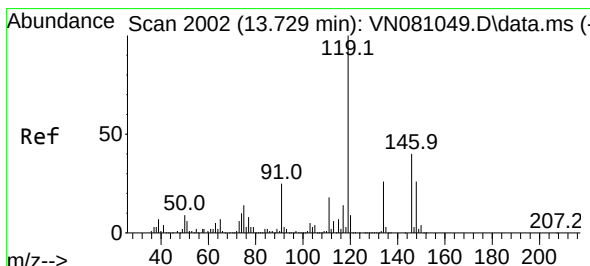
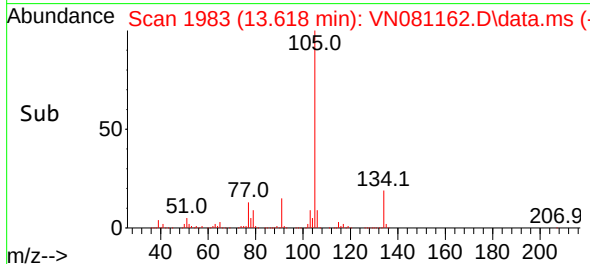
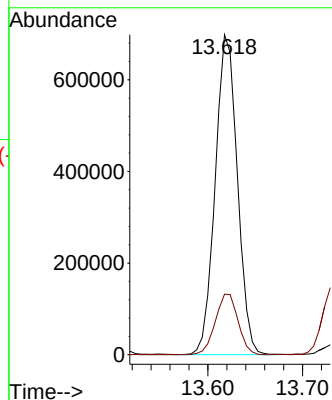
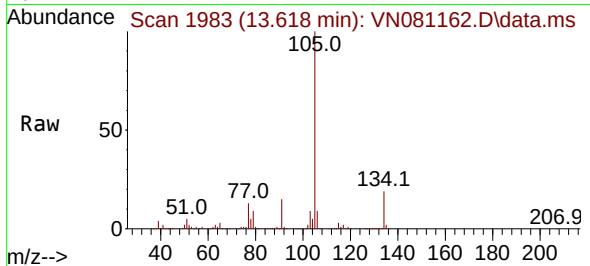
#85
 sec-Butylbenzene
 Concen: 55.847 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 113725
 Ion Ratio Lower Upper
 105 100
 134 19.4 8.6 25.8

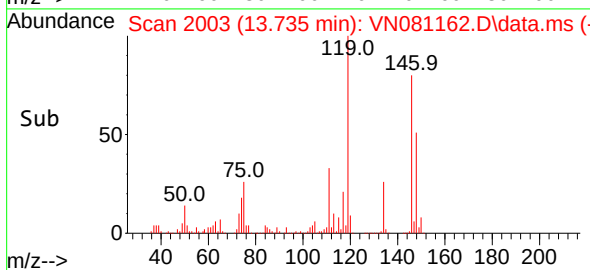
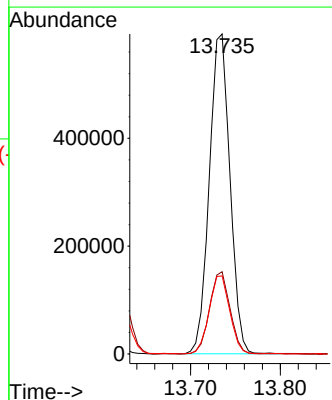
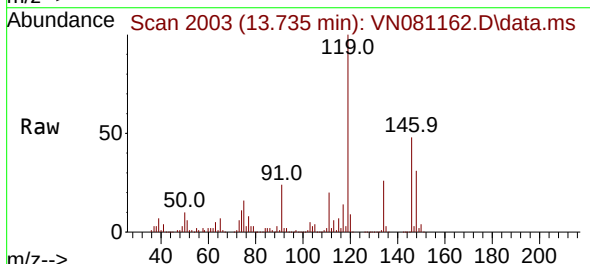
Manual Integrations
 APPROVED

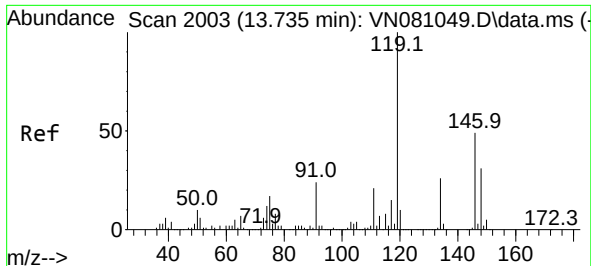
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#86
 p-Isopropyltoluene
 Concen: 56.051 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

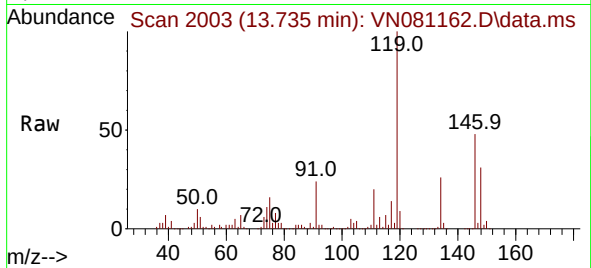
Tgt Ion:119 Resp: 948054
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.4 37.2
 91 24.3 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 52.839 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

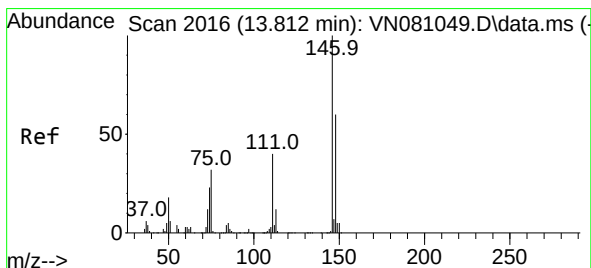
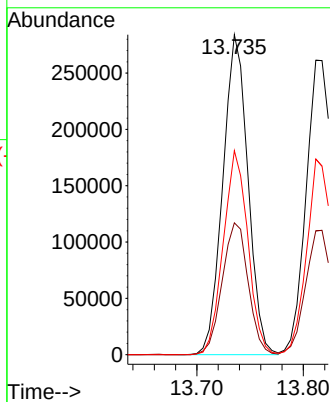
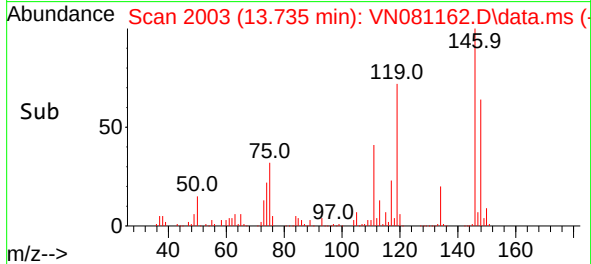
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



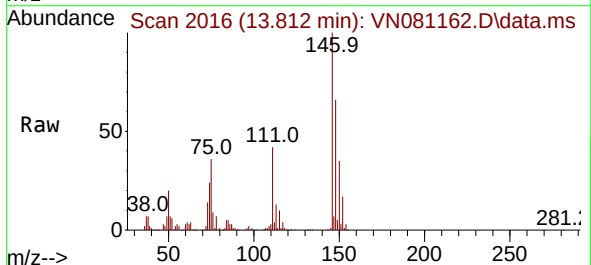
Tgt Ion:146 Resp: 46510
 Ion Ratio Lower Upper
 146 100
 111 42.7 23.9 71.7
 148 62.5 32.6 97.7

Manual Integrations
 APPROVED

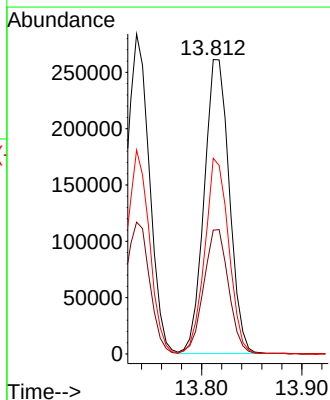
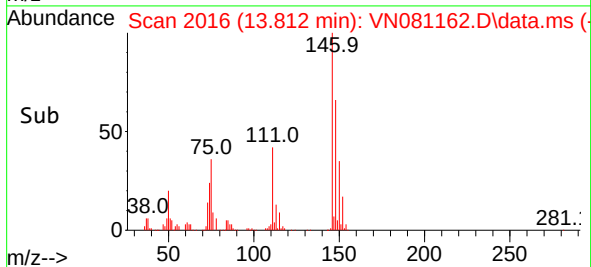
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

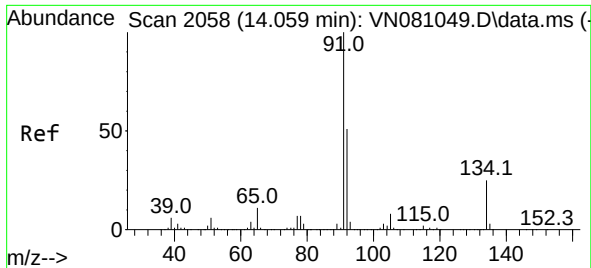


#88
 1,4-Dichlorobenzene
 Concen: 52.529 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22



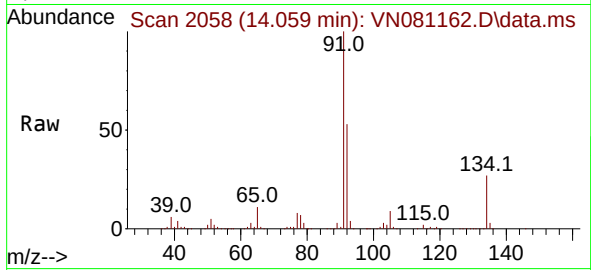
Tgt Ion:146 Resp: 454334
 Ion Ratio Lower Upper
 146 100
 111 42.3 22.6 67.7
 148 63.9 31.9 95.5





#89
n-Butylbenzene
Concen: 56.899 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

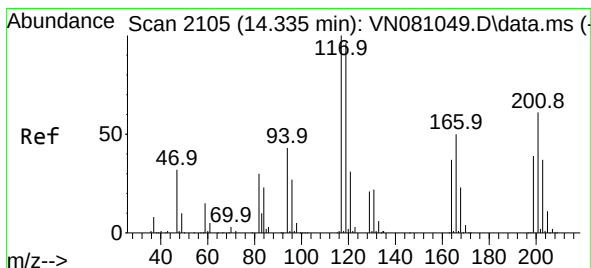
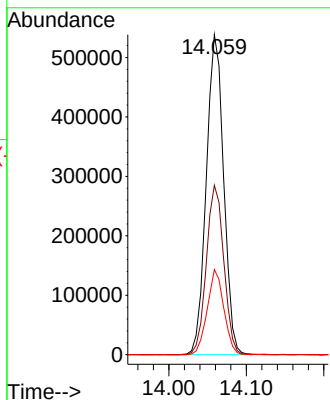
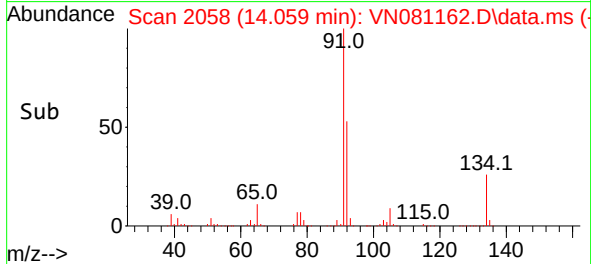
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 83844
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.1
134 25.4 10.8 32.4

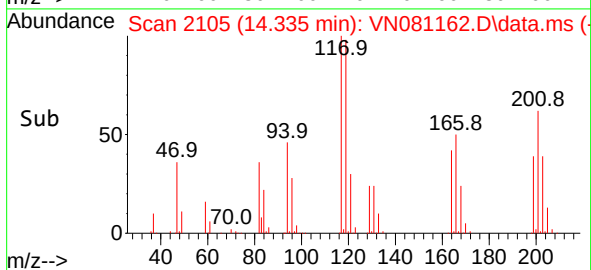
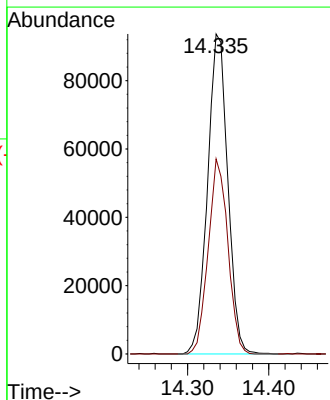
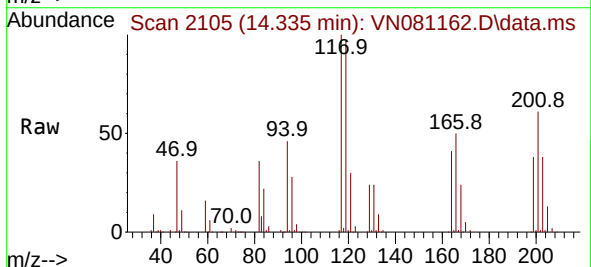
Manual Integrations
APPROVED

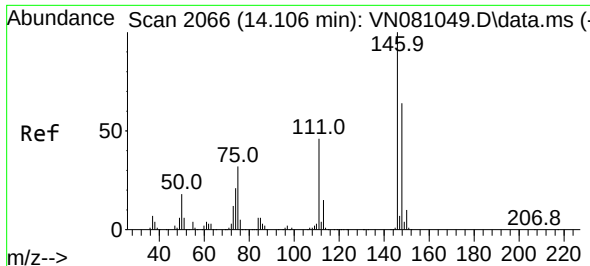
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#90
Hexachloroethane
Concen: 57.866 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

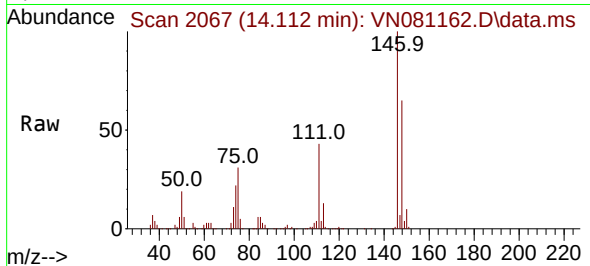
Tgt Ion:117 Resp: 161784
Ion Ratio Lower Upper
117 100
201 59.2 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 51.227 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

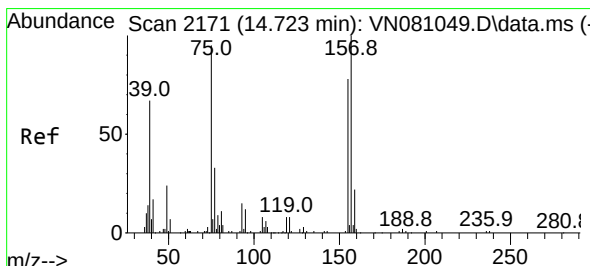
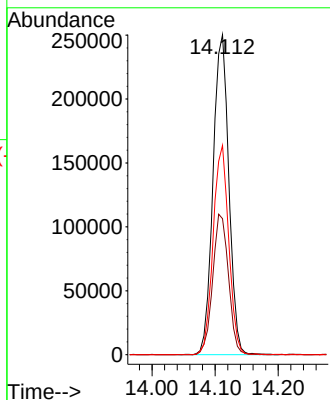
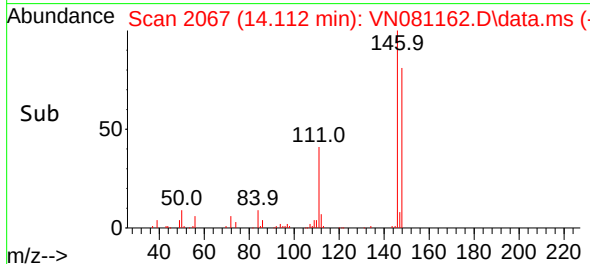
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



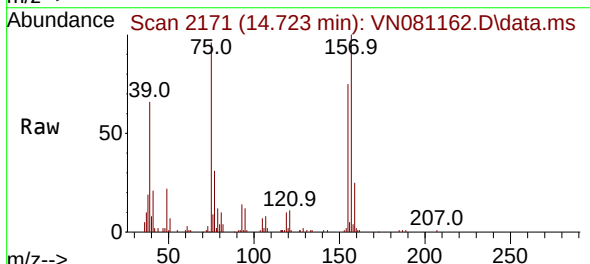
Tgt Ion:146 Resp: 43489
Ion Ratio Lower Upper
146 100
111 43.9 23.9 71.8
148 64.6 31.4 94.0

Manual Integrations
APPROVED

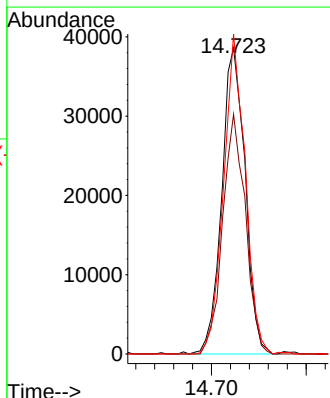
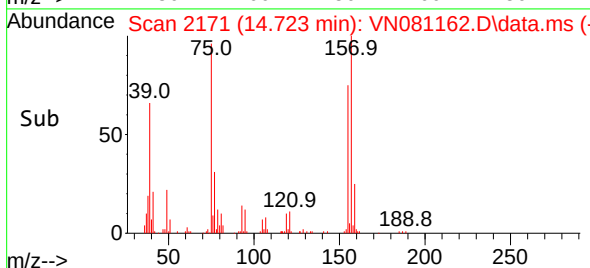
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

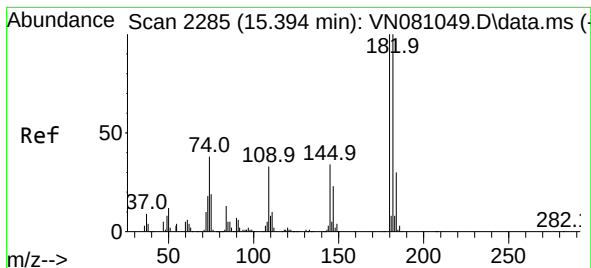


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.051 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22



Tgt Ion: 75 Resp: 66022
Ion Ratio Lower Upper
75 100
155 76.6 31.8 95.4
157 97.3 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 53.144 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 251708

Ion Ratio Lower Upper

180 100

182 95.6 46.6 139.7

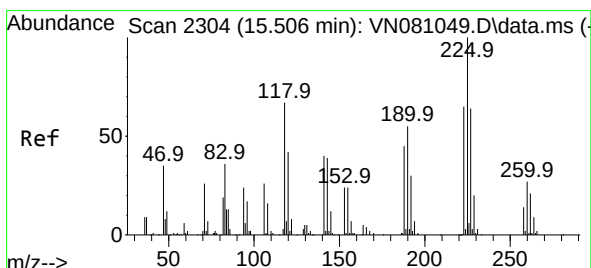
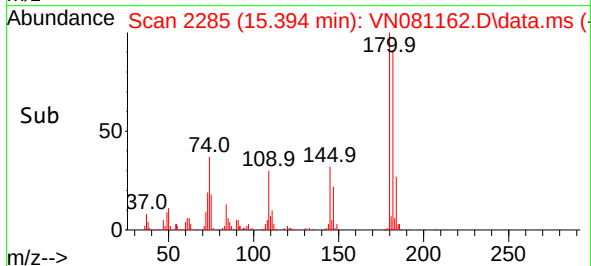
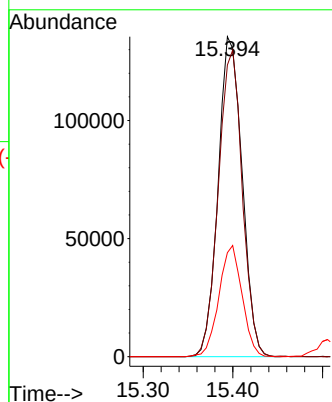
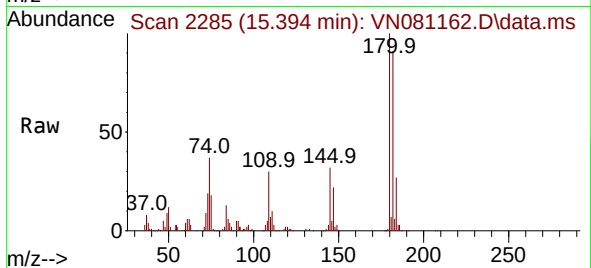
145 33.5 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#94

Hexachlorobutadiene

Concen: 51.065 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

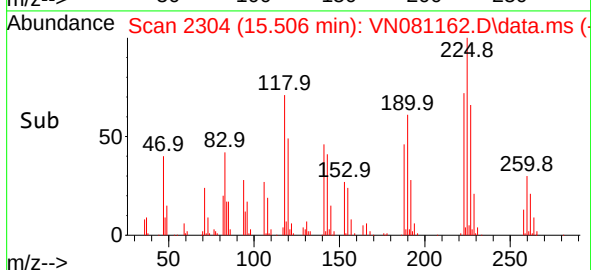
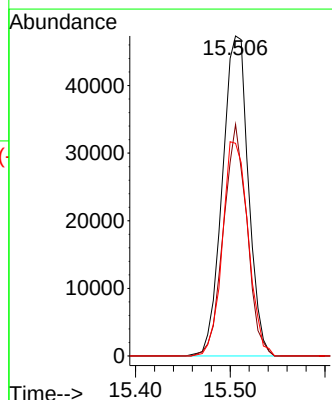
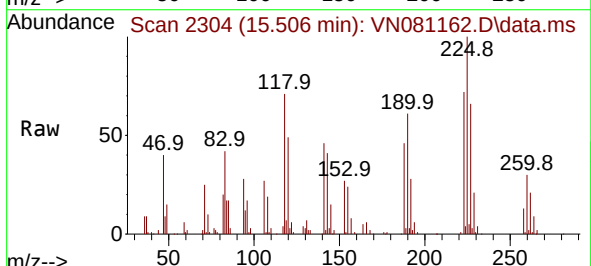
Tgt Ion:225 Resp: 90201

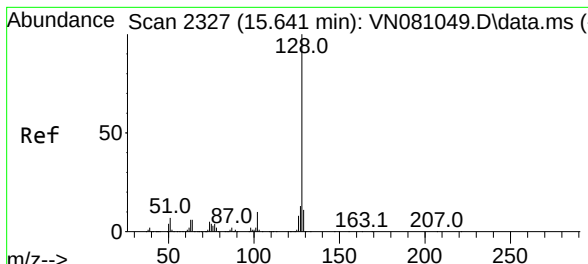
Ion Ratio Lower Upper

225 100

223 65.4 33.3 99.8

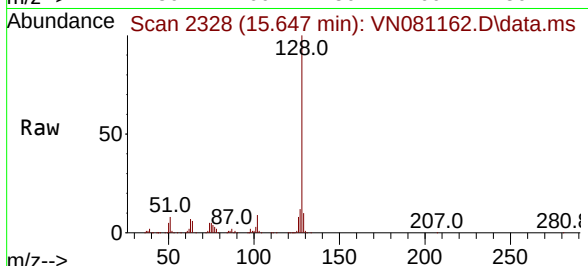
227 66.3 33.1 99.2





#95
Naphthalene
Concen: 52.196 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

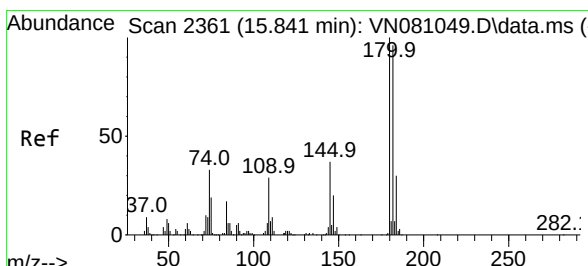
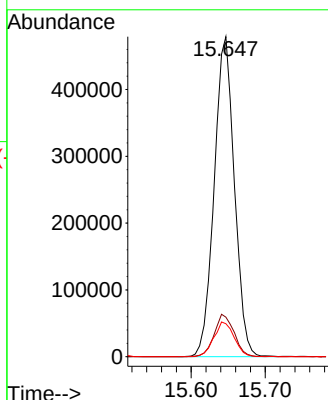
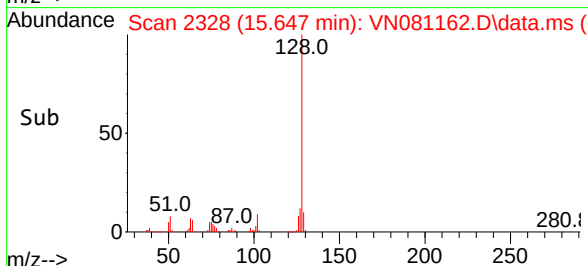
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



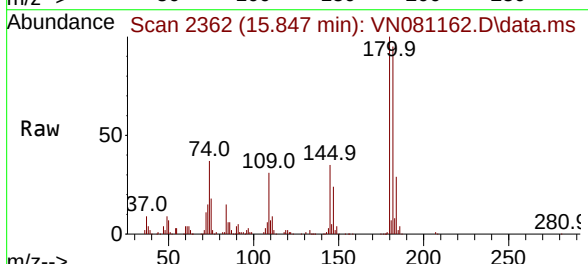
Tgt Ion:128 Resp: 905934
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 52.002 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22



Tgt Ion:180 Resp: 244334
Ion Ratio Lower Upper
180 100
182 95.8 46.5 139.3
145 36.9 17.8 53.4

