

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081182.D
 Acq On : 24 Feb 2024 00:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 03:34:52 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	294078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	547865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	504496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	188978	52.427	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.860%			
35) Dibromofluoromethane	8.171	113	163321	52.718	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.440%			
50) Toluene-d8	10.571	98	544431	49.479	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.960%			
62) 4-Bromofluorobenzene	12.853	95	215139	52.035	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	200525	52.726	ug/l	99
3) Chloromethane	2.365	50	192465	46.290	ug/l	96
4) Vinyl Chloride	2.518	62	220742	52.254	ug/l	93
5) Bromomethane	2.948	94	120760	40.248	ug/l	93
6) Chloroethane	3.118	64	148180	54.328	ug/l	100
7) Trichlorofluoromethane	3.495	101	331916	53.783	ug/l	97
8) Diethyl Ether	3.959	74	120700	53.494	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	181905	52.874	ug/l	92
10) Methyl Iodide	4.589	142	195308	50.859	ug/l	98
11) Tert butyl alcohol	5.518	59	210206	317.102	ug/l	99
12) 1,1-Dichloroethene	4.342	96	174868	52.582	ug/l	89
13) Acrolein	4.183	56	98545	277.359	ug/l	99
14) Allyl chloride	5.024	41	249362	50.535	ug/l #	88
15) Acrylonitrile	5.718	53	521496	301.222	ug/l	97
16) Acetone	4.424	43	390920	275.622	ug/l	98
17) Carbon Disulfide	4.712	76	426423	45.971	ug/l #	93
18) Methyl Acetate	5.024	43	237181	68.551	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	639025	56.103	ug/l	96
20) Methylene Chloride	5.283	84	208012	56.819	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	186533	50.273	ug/l	97
22) Diisopropyl ether	6.671	45	639758	57.154	ug/l #	94
23) Vinyl Acetate	6.606	43	2550128	280.797	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	366654	56.650	ug/l #	94
25) 2-Butanone	7.483	43	659562	287.850	ug/l	94
26) 2,2-Dichloropropane	7.494	77	256681	42.326	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	234334	54.358	ug/l	85
28) Bromochloromethane	7.812	49	156956	58.496	ug/l #	64
29) Tetrahydrofuran	7.841	42	450940	294.814	ug/l #	87
30) Chloroform	7.965	83	391067	56.837	ug/l	99
31) Cyclohexane	8.259	56	302315	48.573	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	343764	54.859	ug/l	93
36) 1,1-Dichloropropene	8.371	75	276712	52.136	ug/l	96
37) Ethyl Acetate	7.559	43	275039	57.418	ug/l	99
38) Carbon Tetrachloride	8.365	117	296274	55.174	ug/l	95
39) Methylcyclohexane	9.606	83	315973	51.069	ug/l	91
40) Benzene	8.606	78	837874	54.540	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	153739	56.394	ug/l	94
42) 1,2-Dichloroethane	8.677	62	301585	56.268	ug/l	98
43) Isopropyl Acetate	8.688	43	596235	71.170	ug/l	96
44) Trichloroethene	9.353	130	207890	50.807	ug/l	99
45) 1,2-Dichloropropane	9.624	63	216208	56.262	ug/l	96
46) Dibromomethane	9.712	93	153213	54.719	ug/l	92
47) Bromodichloromethane	9.888	83	305399	57.590	ug/l #	98
48) Methyl methacrylate	9.683	41	223155	57.246	ug/l	90
49) 1,4-Dioxane	9.700	88	95003	1337.870	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1451975	301.288	ug/l	95
52) Toluene	10.635	92	542942	55.826	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	311760	52.903	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	334867	52.594	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	216622	57.910	ug/l	97
56) Ethyl methacrylate	10.877	69	331637	58.009	ug/l	88
57) 1,3-Dichloropropane	11.165	76	365436	56.500	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	756393	263.692	ug/l #	88
59) 2-Hexanone	11.200	43	1099389	287.746	ug/l	95
60) Dibromochloromethane	11.365	129	227558	57.264	ug/l	100
61) 1,2-Dibromoethane	11.471	107	224996	57.198	ug/l	99
64) Tetrachloroethene	11.106	164	172353	50.056	ug/l	94
65) Chlorobenzene	11.894	112	567181	51.945	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	211389	53.901	ug/l	96
67) Ethyl Benzene	11.965	91	1035301	52.988	ug/l	97
68) m/p-Xylenes	12.076	106	799728	106.787	ug/l	96
69) o-Xylene	12.400	106	392348	52.852	ug/l	95
70) Styrene	12.412	104	645167	54.845	ug/l	97
71) Bromoform	12.582	173	149403	60.046	ug/l #	97
73) Isopropylbenzene	12.700	105	1031723	49.869	ug/l	97
74) N-amyl acetate	12.494	43	448978	51.348	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	316470	54.400	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	249052m	46.356	ug/l	
77) Bromobenzene	12.982	156	230558	49.980	ug/l	78
78) n-propylbenzene	13.041	91	1223736	51.382	ug/l	96
79) 2-Chlorotoluene	13.129	91	712280	48.758	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	865085	51.572	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	95978	45.982	ug/l	90
82) 4-Chlorotoluene	13.223	91	701714	49.126	ug/l	94
83) tert-Butylbenzene	13.441	119	736955	50.809	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	864325	51.709	ug/l	96
85) sec-Butylbenzene	13.618	105	1081343	53.627	ug/l	95
86) p-Isopropyltoluene	13.735	119	877280	52.379	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	419020	48.074	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	422059	49.280	ug/l	97
89) n-Butylbenzene	14.059	91	764051	52.363	ug/l	98
90) Hexachloroethane	14.335	117	153205	55.340	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	414762	49.338	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62927	52.027	ug/l	76
93) 1,2,4-Trichlorobenzene	15.394	180	226765	48.352	ug/l	99
94) Hexachlorobutadiene	15.506	225	81460	46.573	ug/l	99
95) Naphthalene	15.647	128	876600	51.006	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	234380	50.377	ug/l	99

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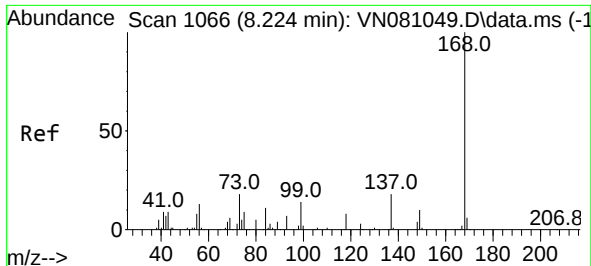
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

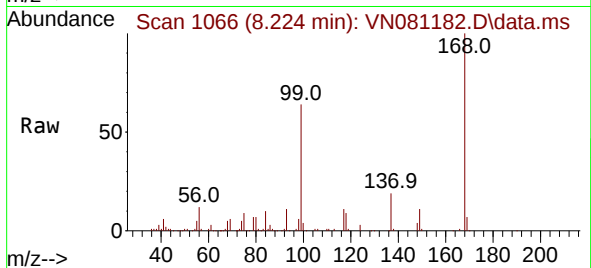
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081182.D
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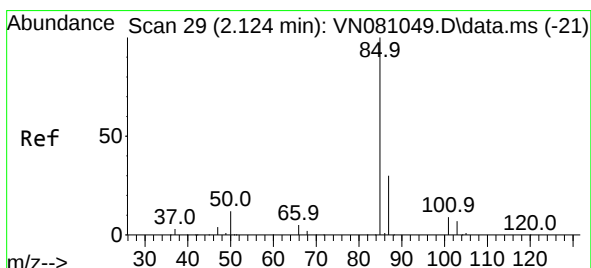
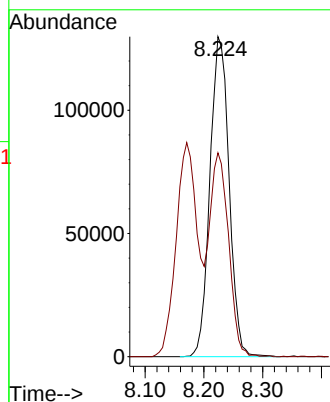
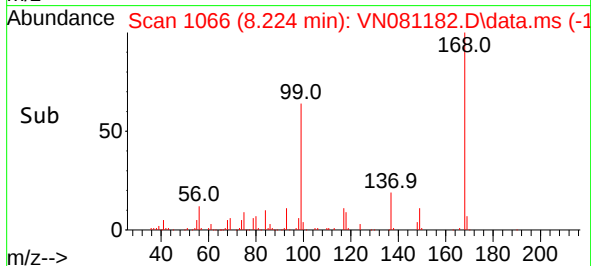
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 294078
Ion Ratio Lower Upper
168 100
99 63.7 59.9 89.9

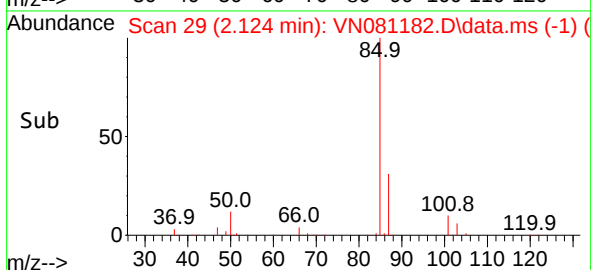
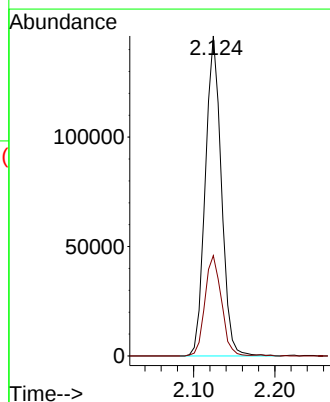
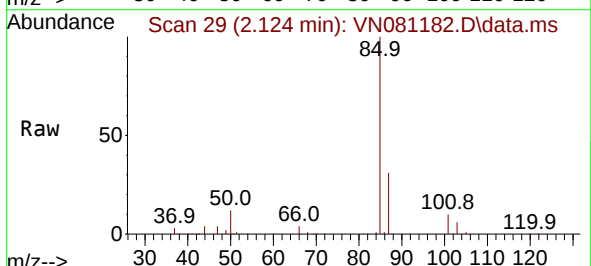
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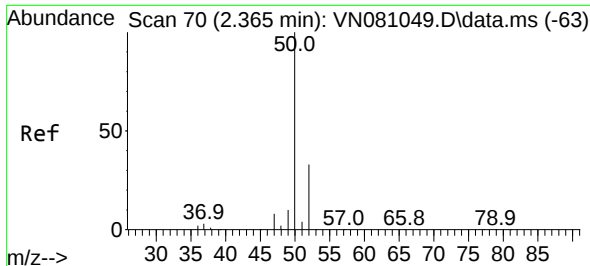
Reviewed By :John Carlone 02/26/2024
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#2
Dichlorodifluoromethane
Concen: 52.726 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

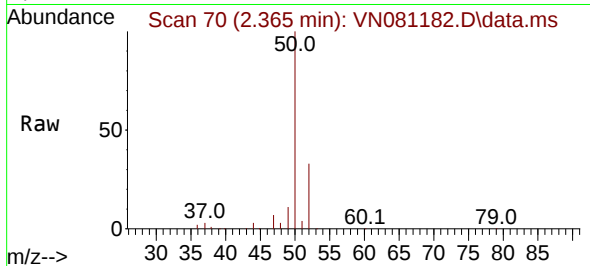
Tgt Ion: 85 Resp: 200525
Ion Ratio Lower Upper
85 100
87 31.4 15.3 45.9





#3
Chloromethane
Concen: 46.290 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

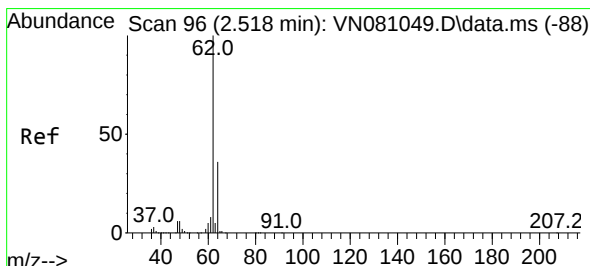
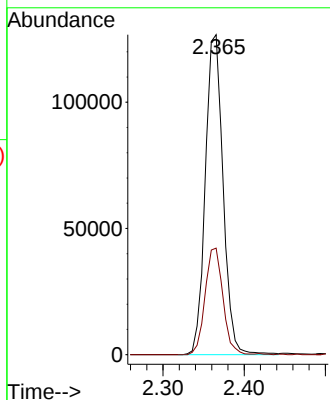
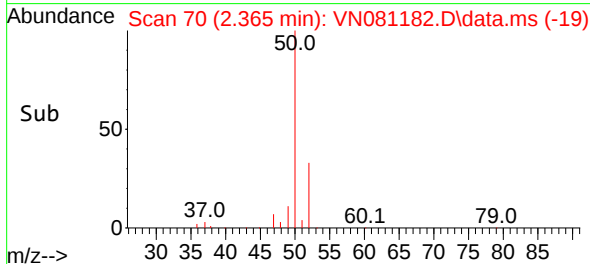
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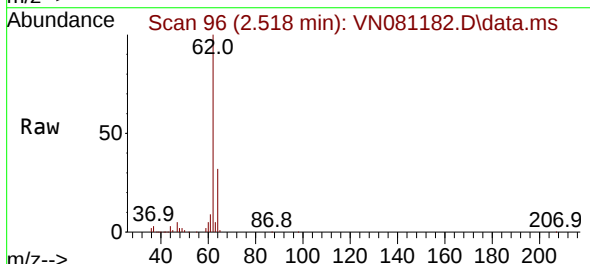
Tgt Ion: 50 Resp: 19246
Ion Ratio Lower Upper
50 100
52 33.3 25.0 37.4

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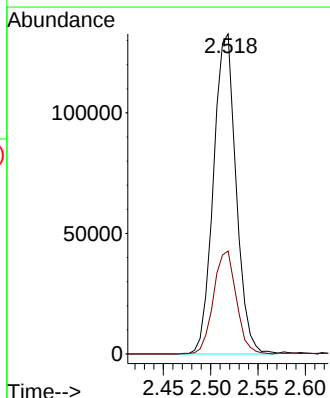
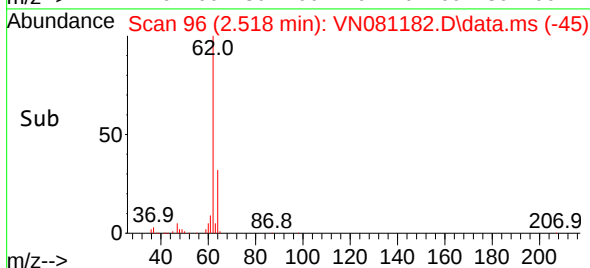
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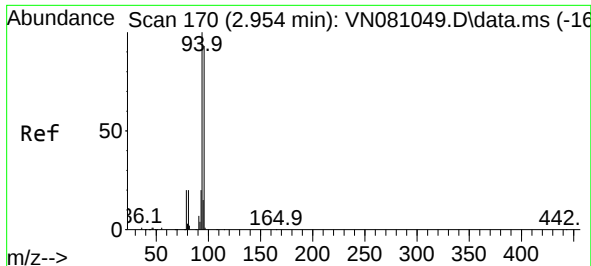


#4
Vinyl Chloride
Concen: 52.254 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33



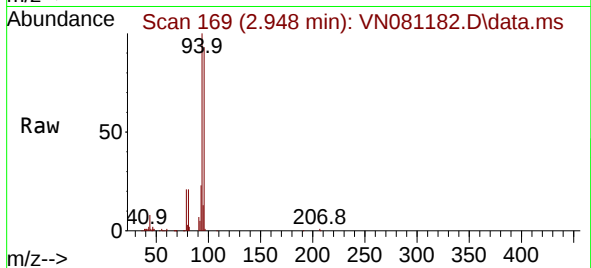
Tgt Ion: 62 Resp: 220742
Ion Ratio Lower Upper
62 100
64 32.2 22.7 34.1





#5
Bromomethane
Concen: 40.248 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

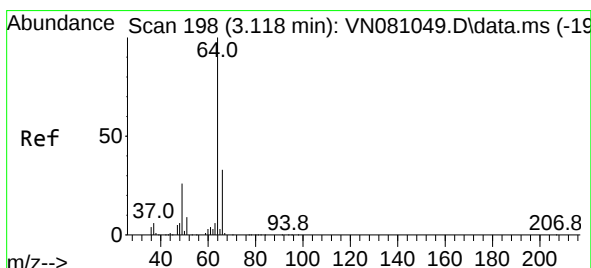
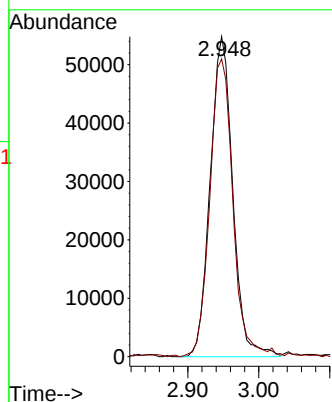
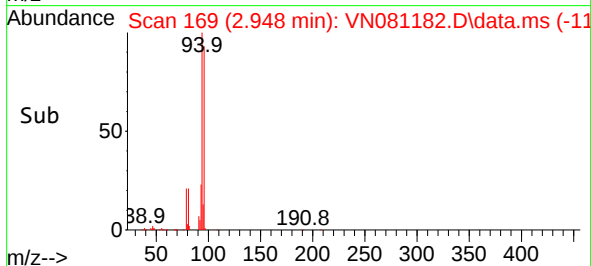
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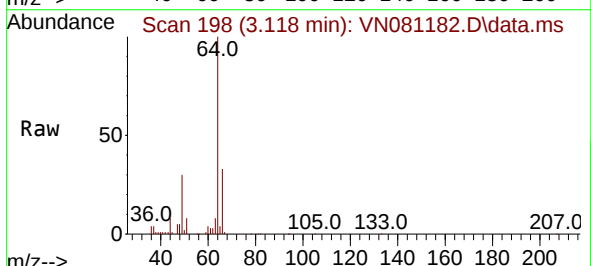
Tgt Ion: 94 Resp: 120760
Ion Ratio Lower Upper
94 100
96 93.1 69.2 103.8

Manual Integrations
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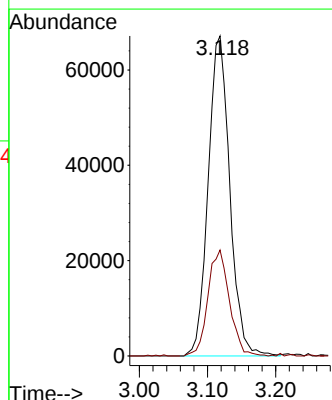
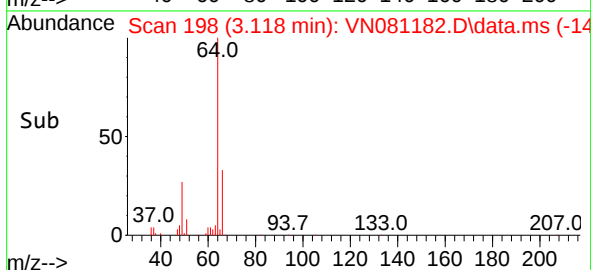
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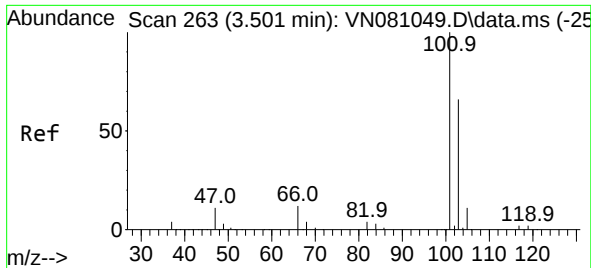


#6
Chloroethane
Concen: 54.328 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33



Tgt Ion: 64 Resp: 148180
Ion Ratio Lower Upper
64 100
66 33.1 26.4 39.6





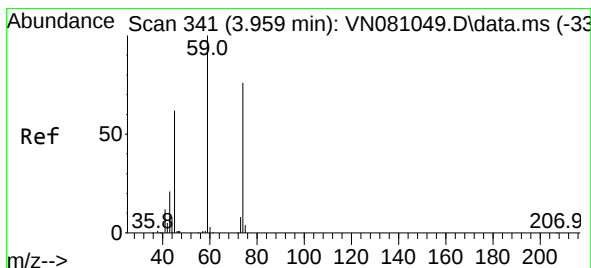
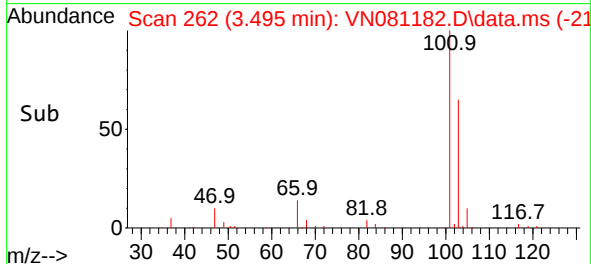
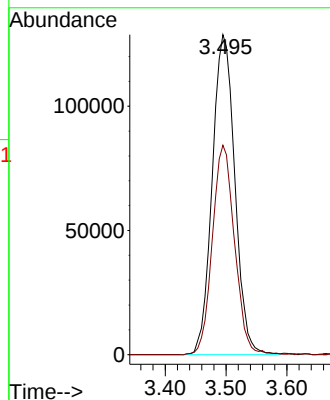
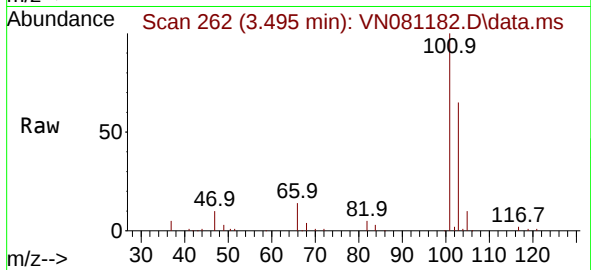
#7
Trichlorofluoromethane
Concen: 53.783 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 331910
Ion Ratio Lower Upper
101 100
103 65.5 54.4 81.6

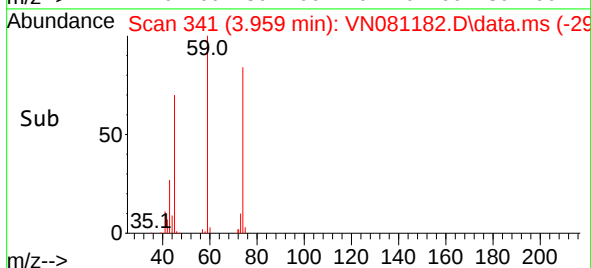
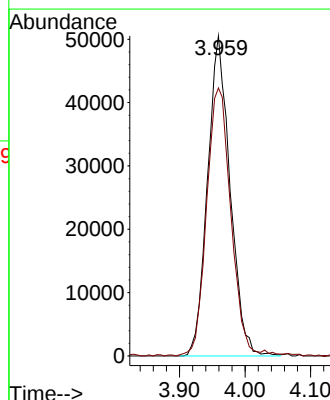
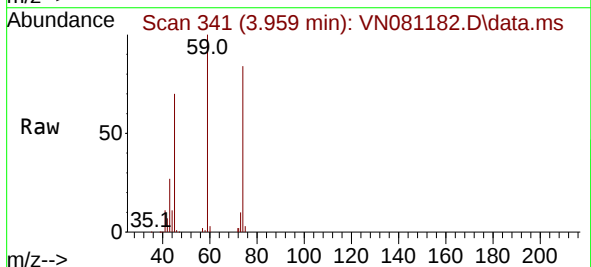
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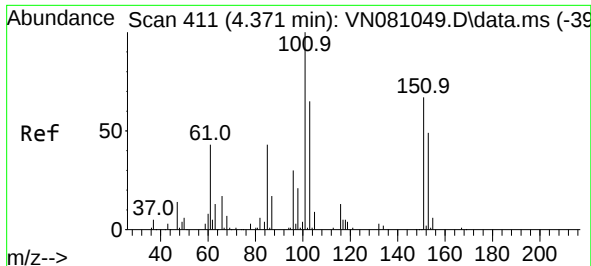
Reviewed By :John Carlone 02/26/2024
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#8
Diethyl Ether
Concen: 53.494 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

Tgt Ion: 74 Resp: 120700
Ion Ratio Lower Upper
74 100
45 89.6 53.3 159.9





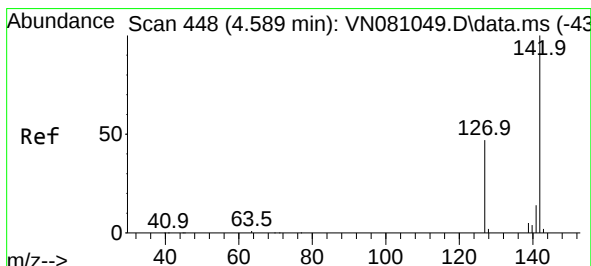
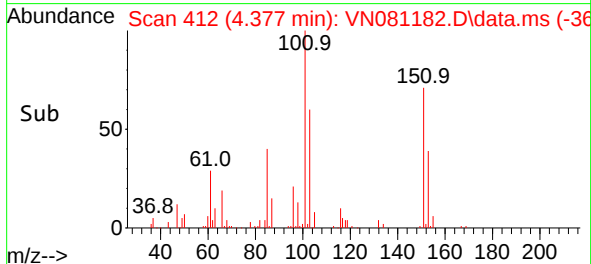
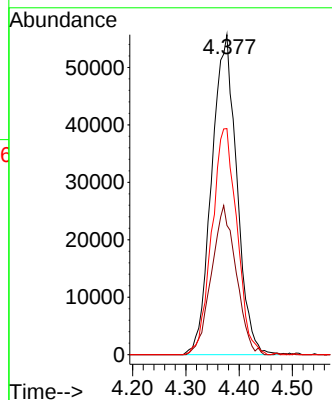
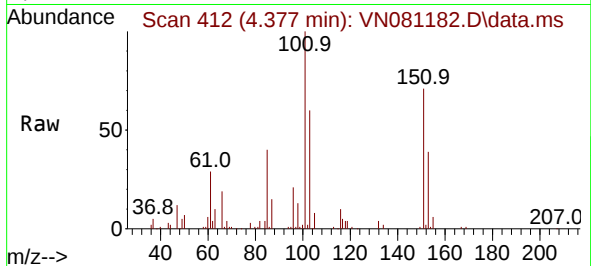
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.874 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 18190
Ion Ratio Lower Upper
101 100
85 45.9 38.1 57.1
151 70.7 49.1 73.7

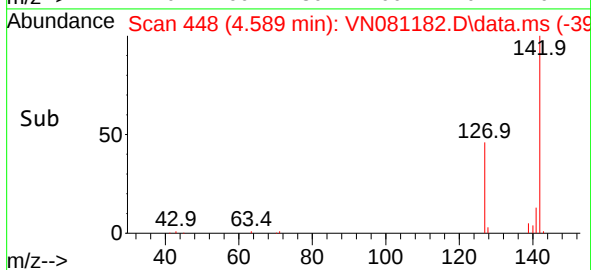
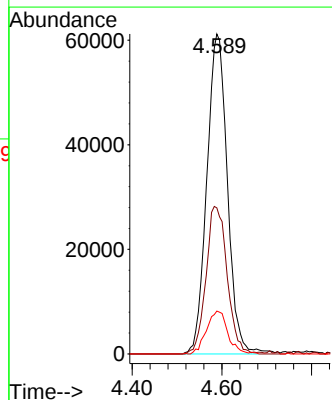
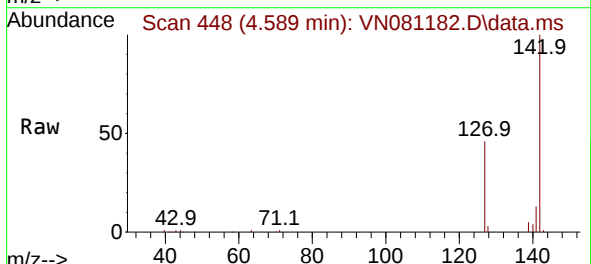
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 50.859 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

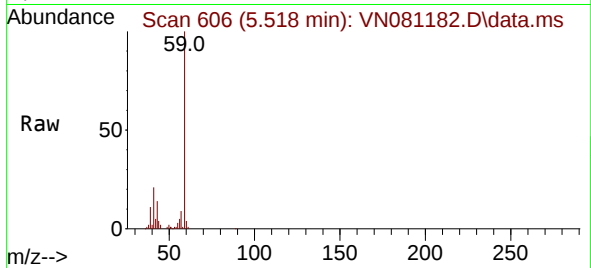
Tgt Ion:142 Resp: 195308
Ion Ratio Lower Upper
142 100
127 45.7 37.0 55.4
141 13.4 12.5 18.7





#11
Tert butyl alcohol
Concen: 317.102 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

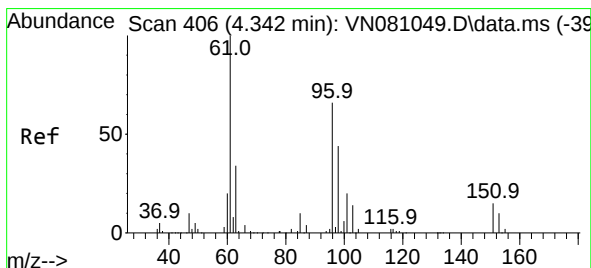
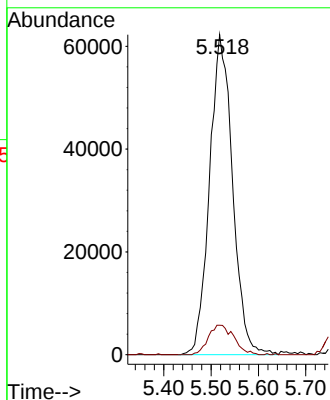
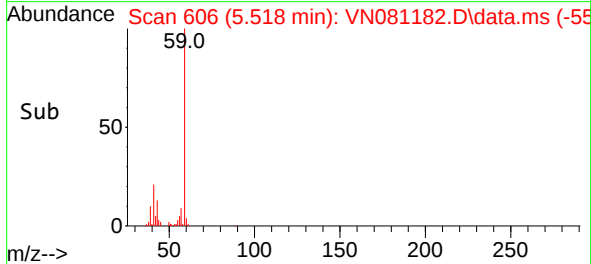
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 210200
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

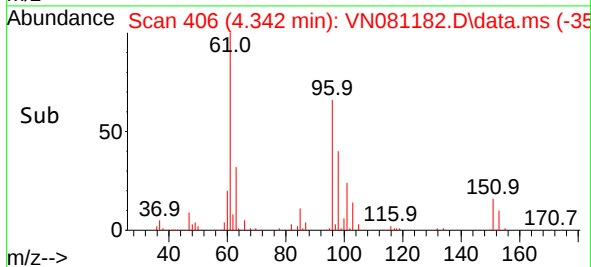
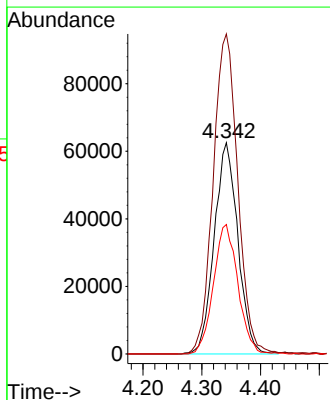
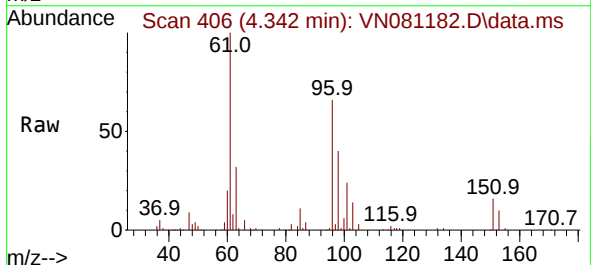
Manual Integrations
APPROVED

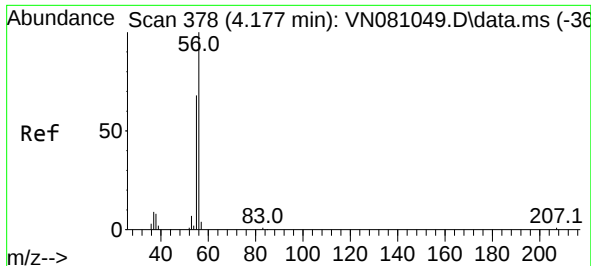
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#12
1,1-Dichloroethene
Concen: 52.582 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

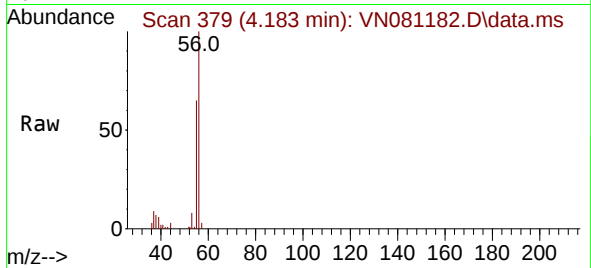
Tgt Ion: 96 Resp: 174868
Ion Ratio Lower Upper
96 100
61 151.5 138.2 207.4
98 61.3 49.2 73.8





#13
Acrolein
Concen: 277.359 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

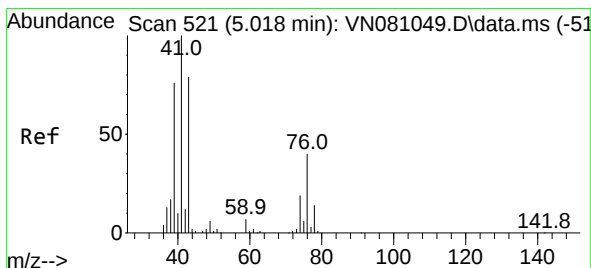
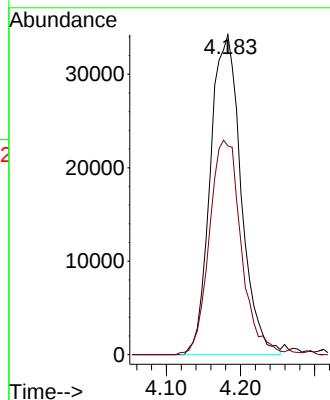
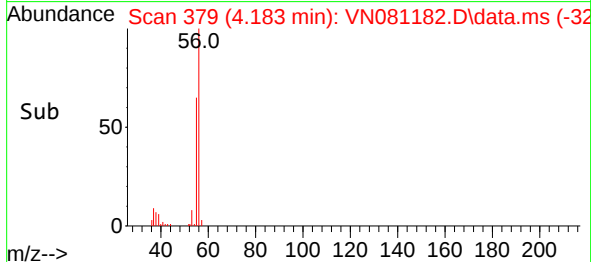
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 9854
Ion Ratio Lower Upper
56 100
55 69.6 55.3 82.9

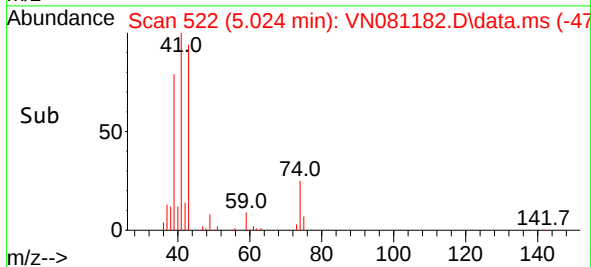
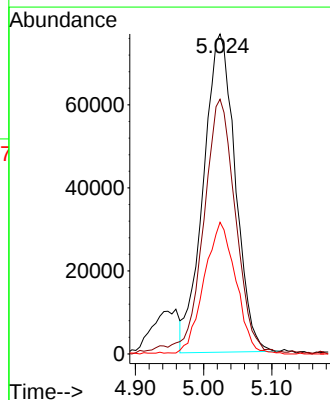
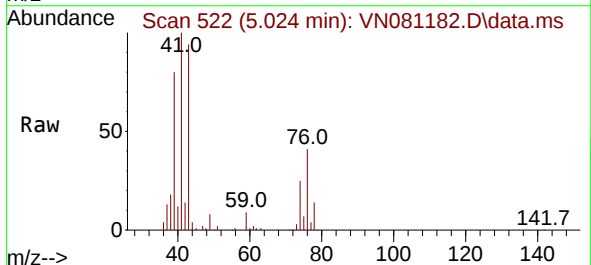
Manual Integrations
APPROVED

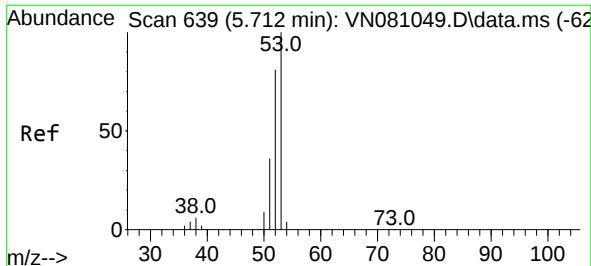
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#14
Allyl chloride
Concen: 50.535 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

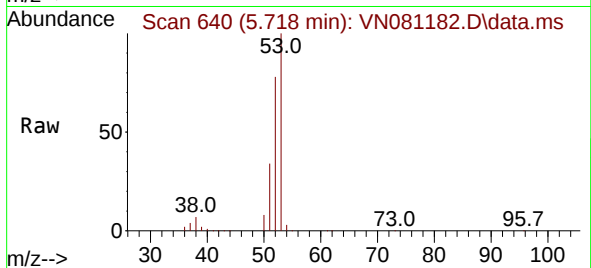
Tgt Ion: 41 Resp: 249362
Ion Ratio Lower Upper
41 100
39 81.3 57.7 86.5
76 41.2 26.8 40.2#





#15
Acrylonitrile
Concen: 301.222 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

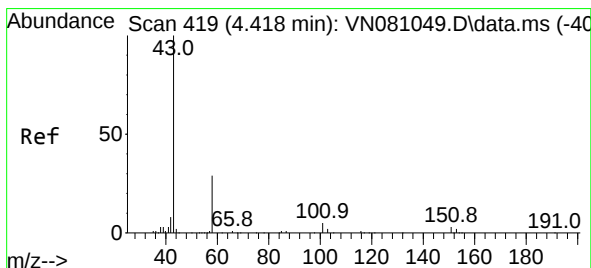
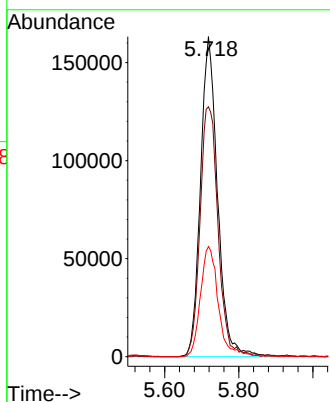
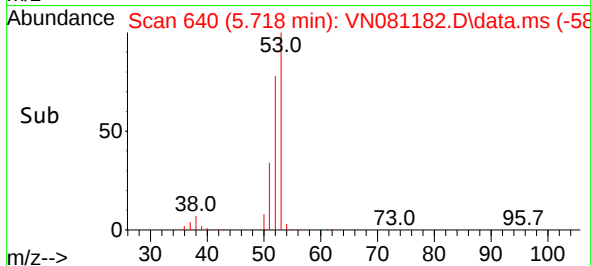
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



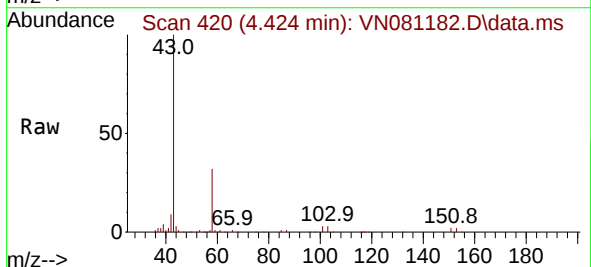
Tgt Ion: 53 Resp: 521490
Ion Ratio Lower Upper
53 100
52 82.8 64.8 97.2
51 36.0 26.9 40.3

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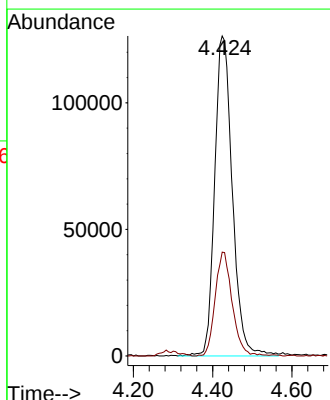
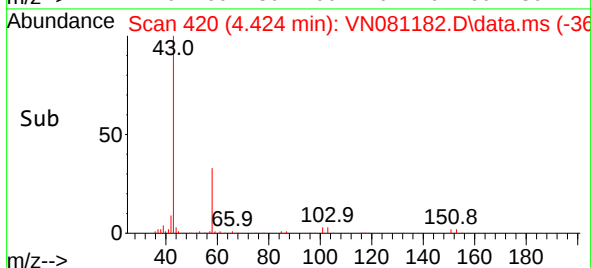
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

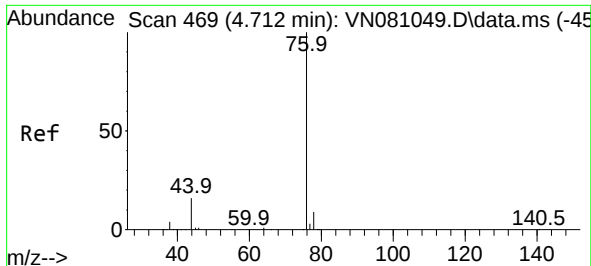


#16
Acetone
Concen: 275.622 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33



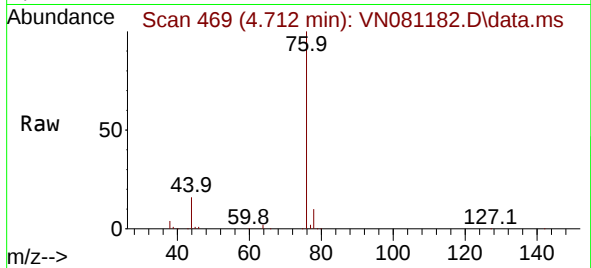
Tgt Ion: 43 Resp: 390920
Ion Ratio Lower Upper
43 100
58 32.2 24.8 37.2





#17
Carbon Disulfide
Concen: 45.971 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

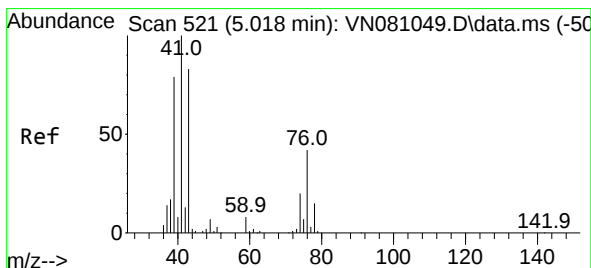
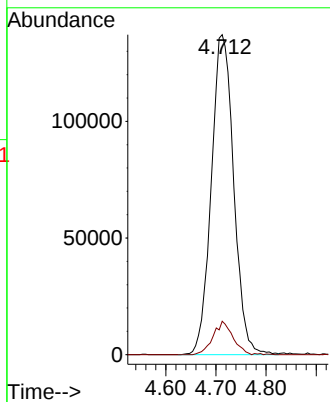
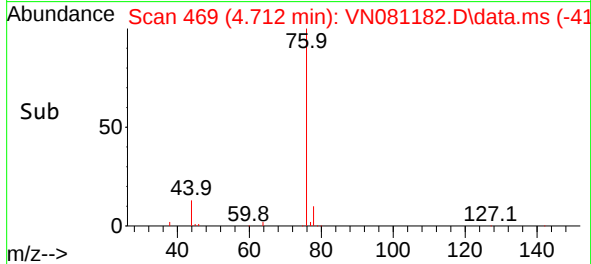
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 426423
Ion Ratio Lower Upper
76 100
78 10.5 6.3 9.5

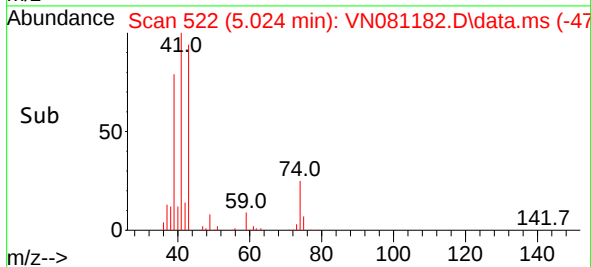
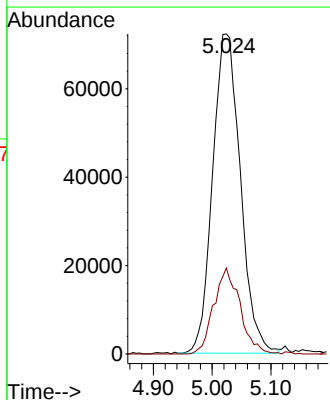
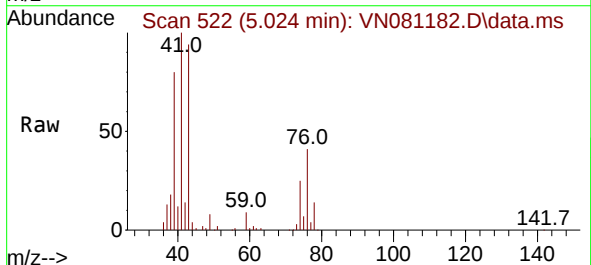
Manual Integrations
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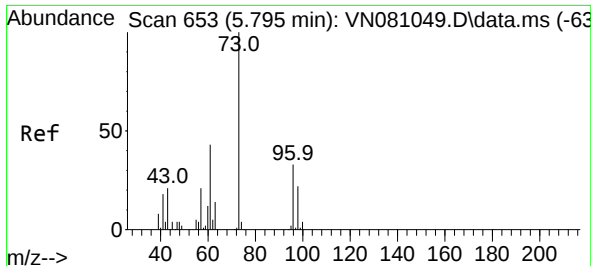
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#18
Methyl Acetate
Concen: 68.551 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

Tgt Ion: 43 Resp: 237181
Ion Ratio Lower Upper
43 100
74 25.5 17.3 25.9





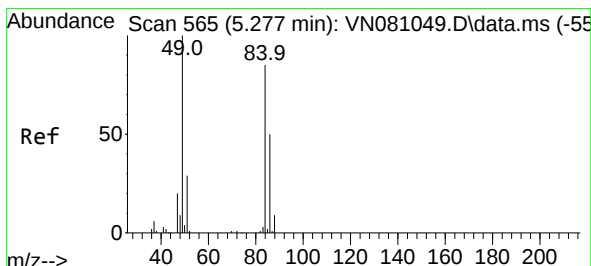
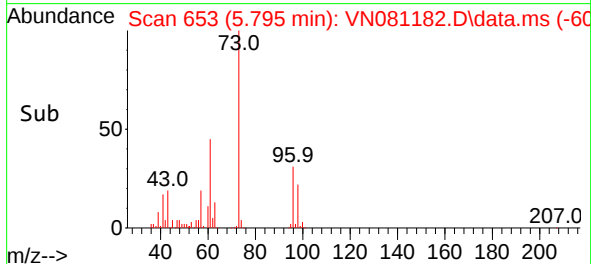
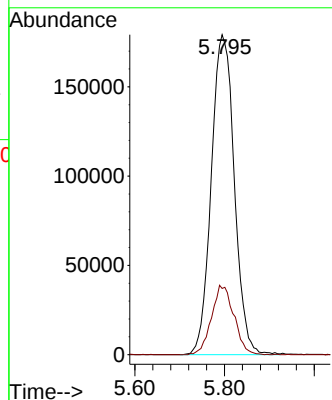
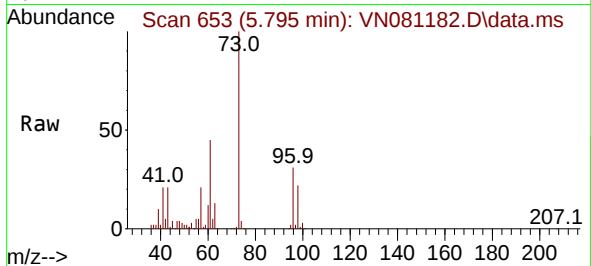
#19
Methyl tert-butyl Ether
Concen: 56.103 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 639025
Ion Ratio Lower Upper
73 100
57 20.7 18.2 27.4

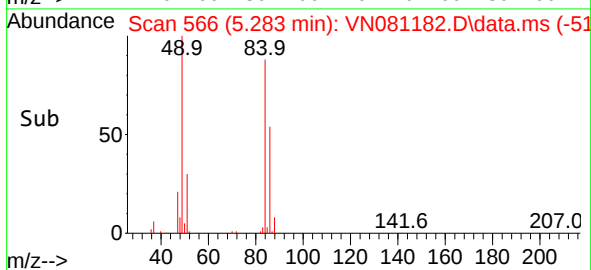
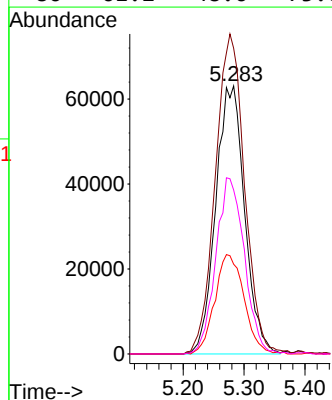
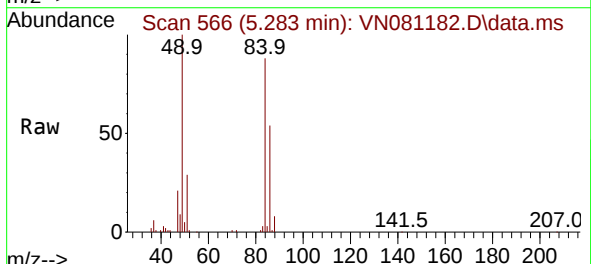
Manual Integrations
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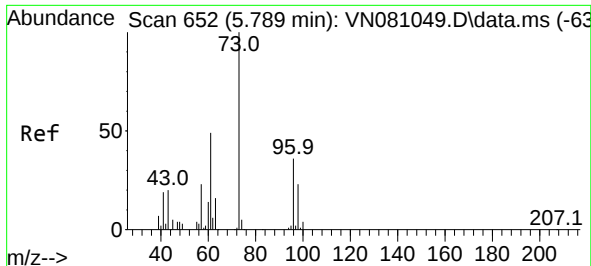
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#20
Methylene Chloride
Concen: 56.819 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

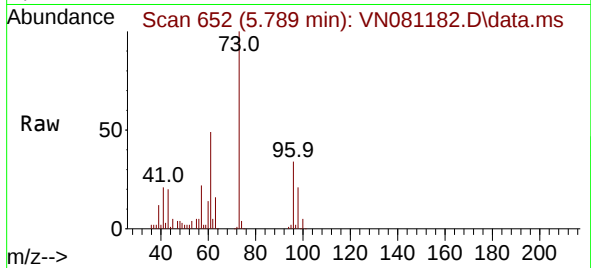
Tgt Ion: 84 Resp: 208012
Ion Ratio Lower Upper
84 100
49 114.1 108.1 162.1
51 33.5 32.9 49.3
86 61.2 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 50.273 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

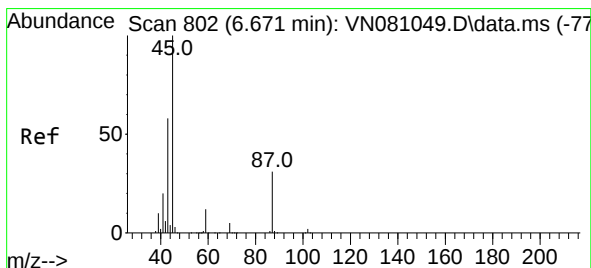
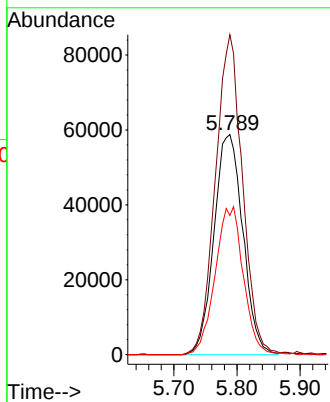
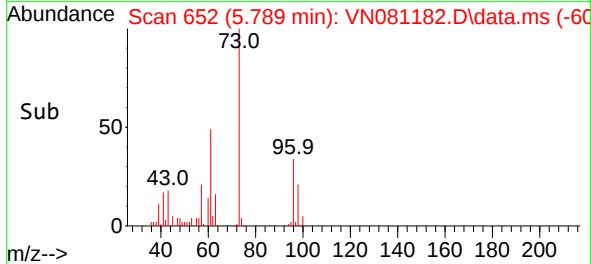
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 18653
Ion Ratio Lower Upper
96 100
61 145.3 112.8 169.2
98 63.2 51.0 76.4

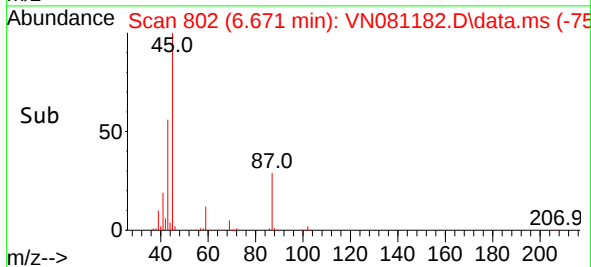
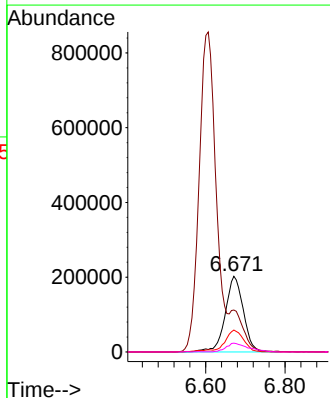
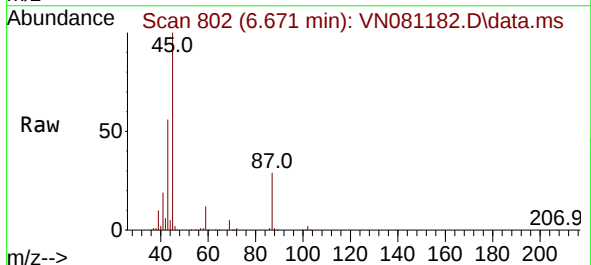
Manual Integrations
APPROVED

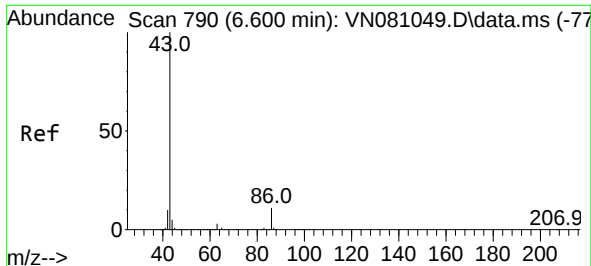
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#22
Diisopropyl ether
Concen: 57.154 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

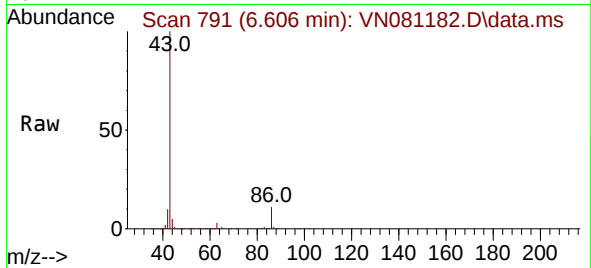
Tgt Ion: 45 Resp: 639758
Ion Ratio Lower Upper
45 100
43 55.3 41.8 62.8
87 29.1 18.1 27.1#
59 11.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 280.797 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN081182.D
 Acq: 24 Feb 2024 00:33

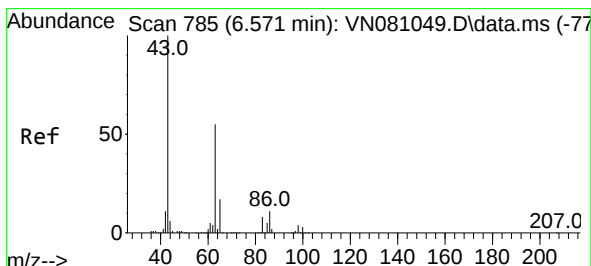
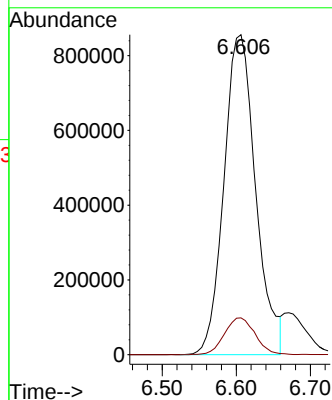
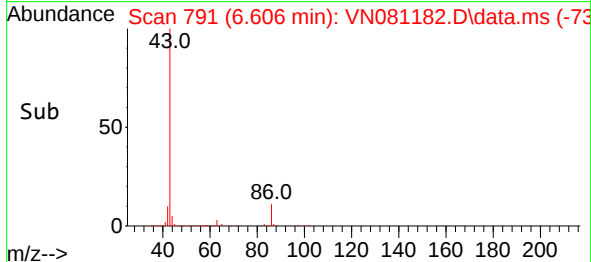
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



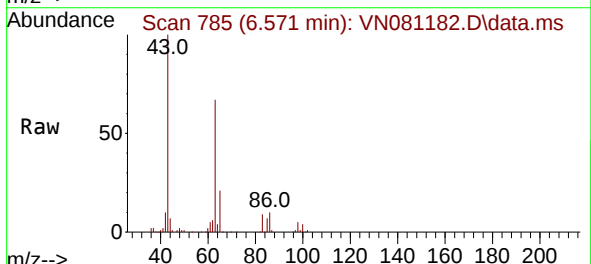
Tgt Ion: 43 Resp: 2550128
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7

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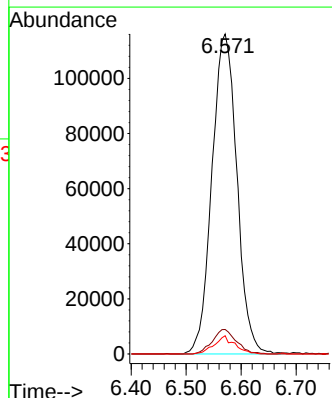
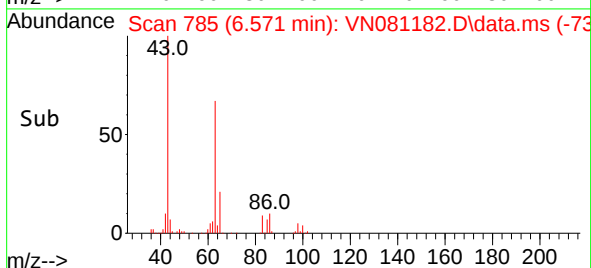
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

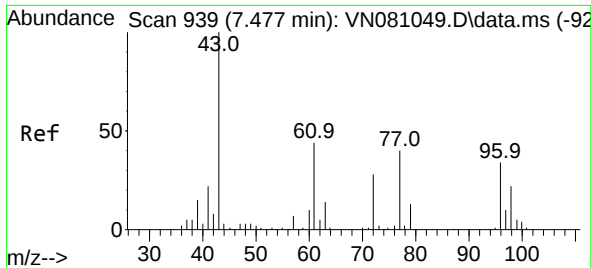


#24
 1,1-Dichloroethane
 Concen: 56.650 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN081182.D
 Acq: 24 Feb 2024 00:33



Tgt Ion: 63 Resp: 366654
 Ion Ratio Lower Upper
 63 100
 98 7.6 2.9 8.6
 100 5.7 1.9 5.7





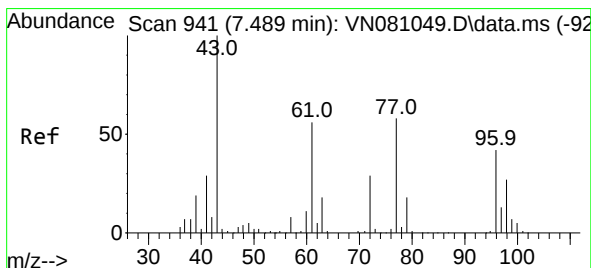
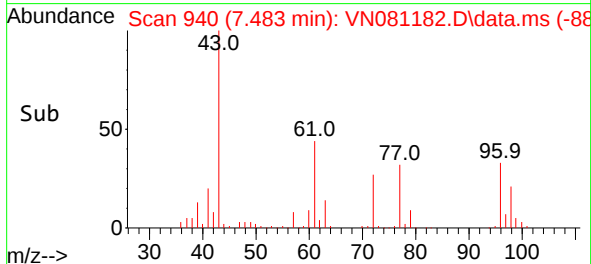
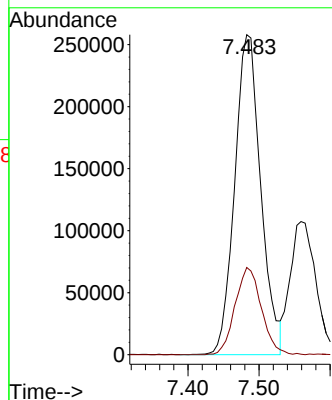
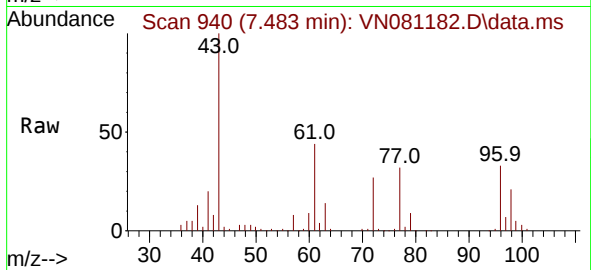
#25
2-Butanone
Concen: 287.850 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 659562
Ion Ratio Lower Upper
43 100
72 27.3 19.5 29.3

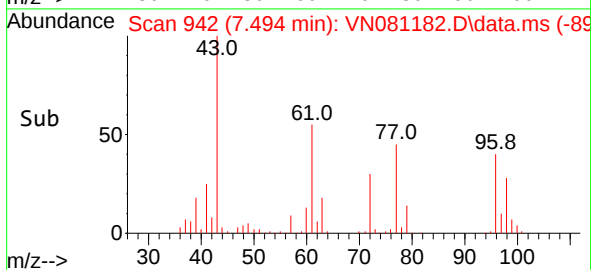
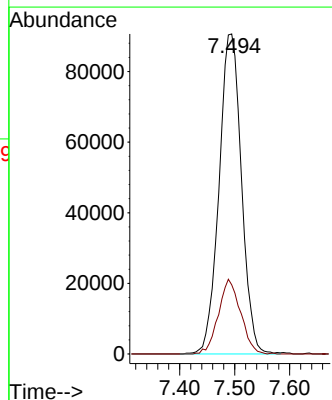
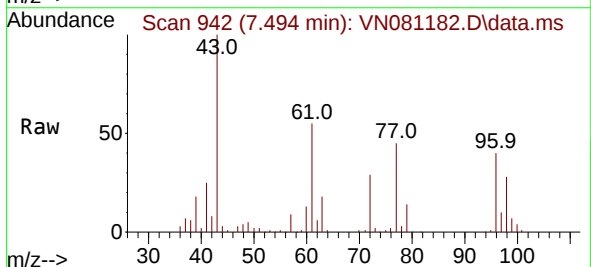
Manual Integrations
APPROVED

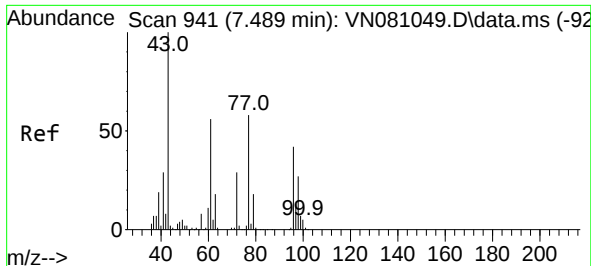
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#26
2,2-Dichloropropane
Concen: 42.326 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

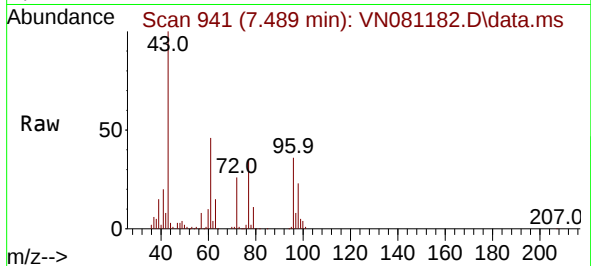
Tgt Ion: 77 Resp: 256681
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 54.358 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081182.D
 Acq: 24 Feb 2024 00:33

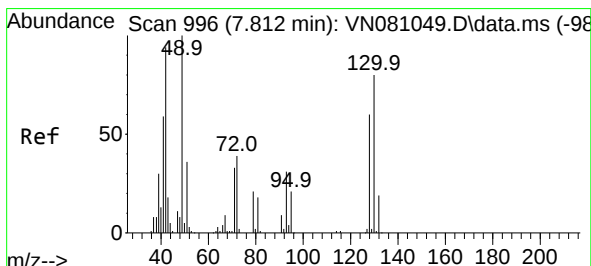
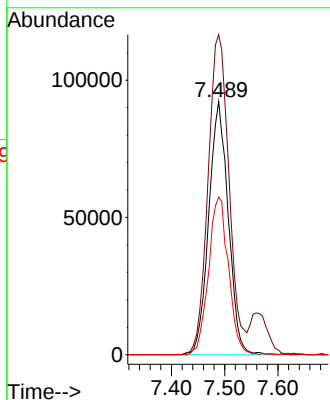
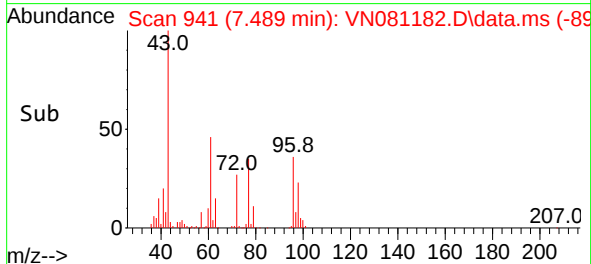
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 234334
 Ion Ratio Lower Upper
 96 100
 61 136.1 0.0 325.4
 98 63.6 0.0 130.4

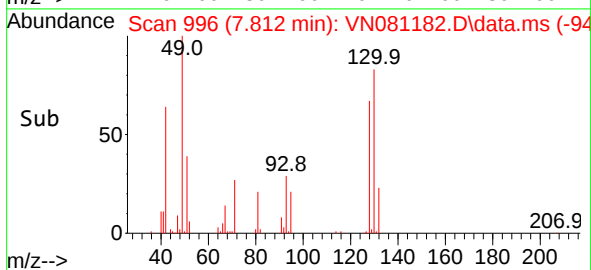
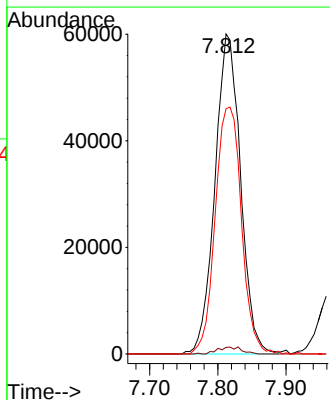
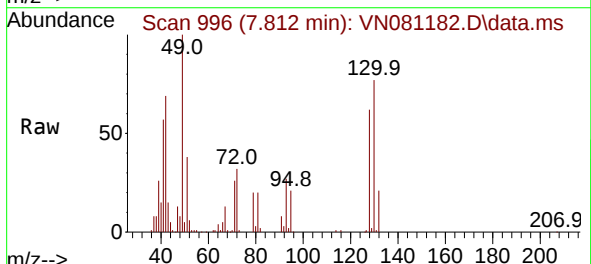
Manual Integrations
 APPROVED

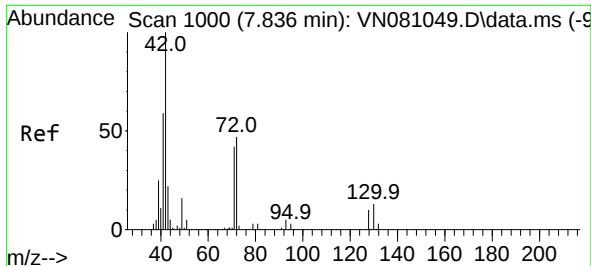
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#28
 Bromochloromethane
 Concen: 58.496 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081182.D
 Acq: 24 Feb 2024 00:33

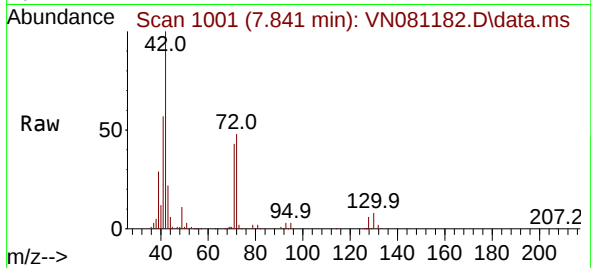
Tgt Ion: 49 Resp: 156956
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.6#
 130 78.9 42.3 63.5#





#29
Tetrahydrofuran
Concen: 294.814 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

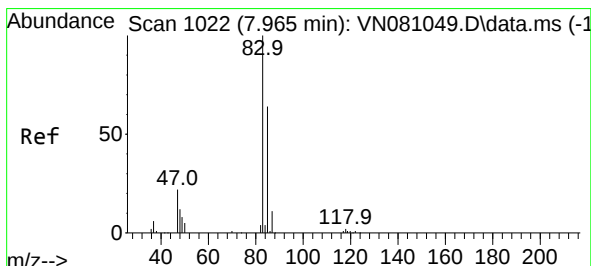
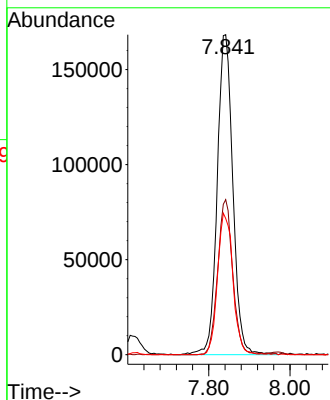
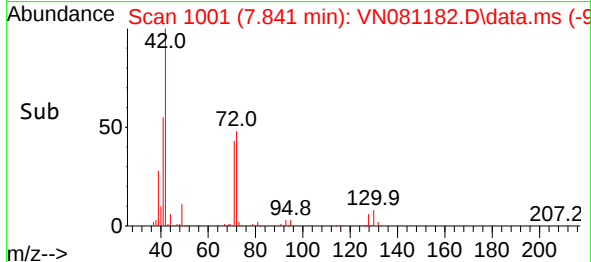
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



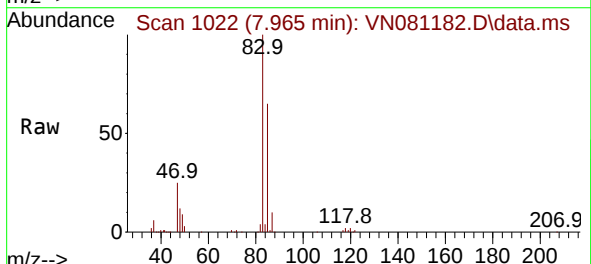
Tgt Ion: 42 Resp: 450940
Ion Ratio Lower Upper
42 100
72 46.6 31.1 46.7
71 43.5 28.3 42.5

Manual Integrations
APPROVED

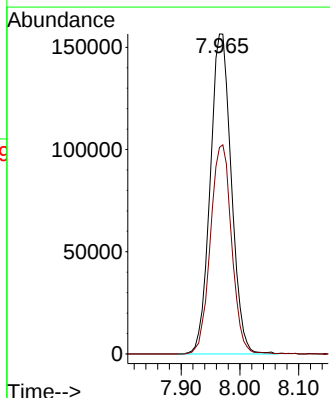
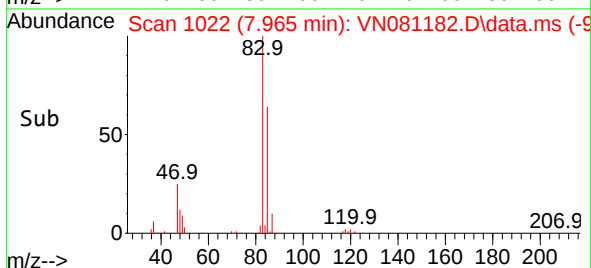
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

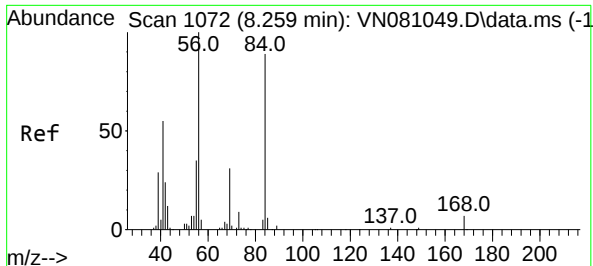


#30
Chloroform
Concen: 56.837 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33



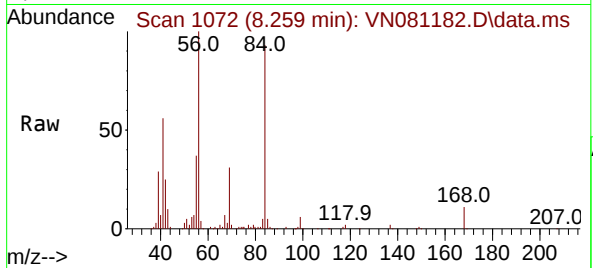
Tgt Ion: 83 Resp: 391067
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.6





#31
Cyclohexane
Concen: 48.573 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

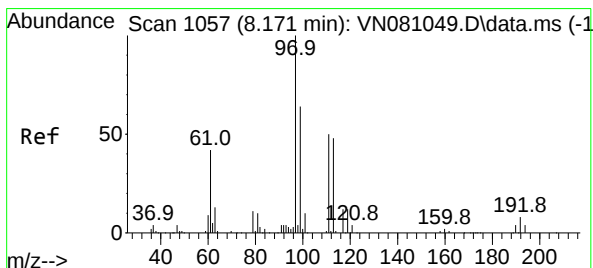
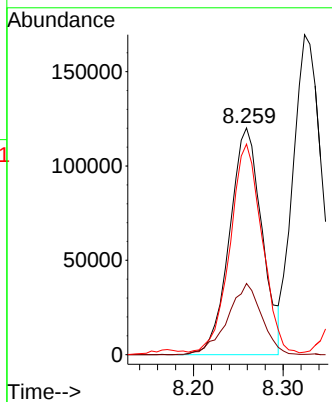
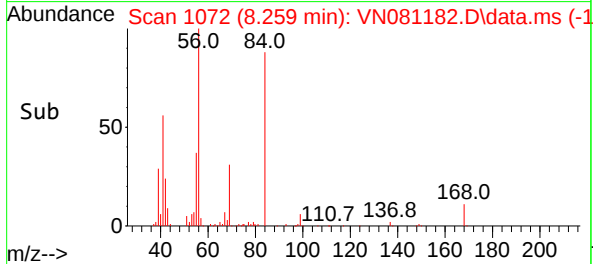
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 302315
Ion Ratio Lower Upper
56 100
69 31.3 20.1 30.1
84 91.3 56.9 85.3

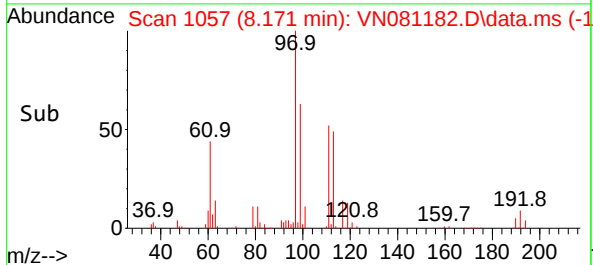
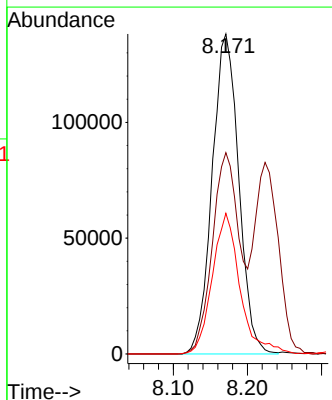
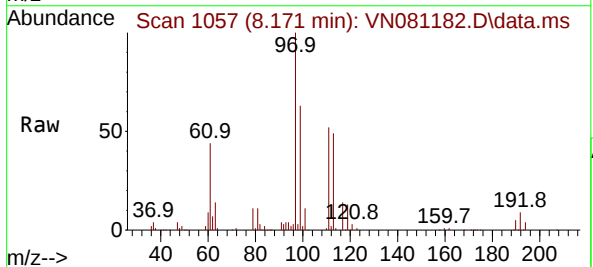
Manual Integrations
APPROVED

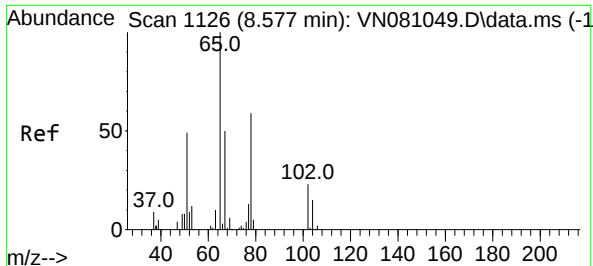
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#32
1,1,1-Trichloroethane
Concen: 54.859 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

Tgt Ion: 97 Resp: 343764
Ion Ratio Lower Upper
97 100
99 64.6 53.4 80.0
61 46.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 52.427 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081182.D

Acq: 24 Feb 2024 00:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 188978

Ion Ratio Lower Upper

65 100

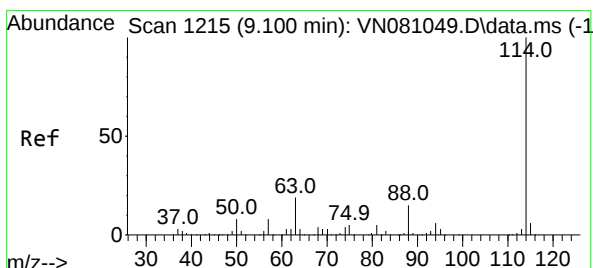
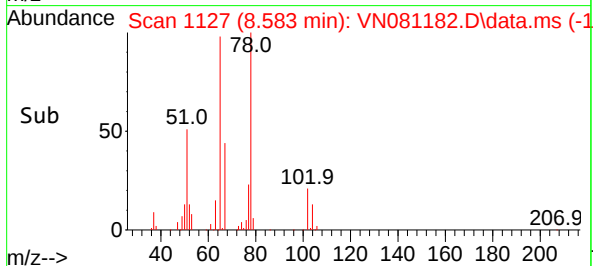
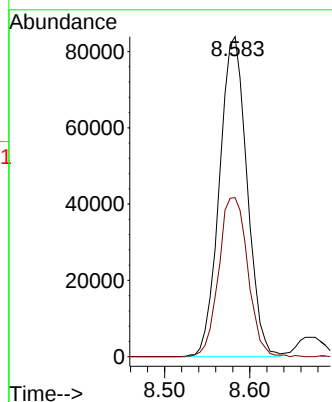
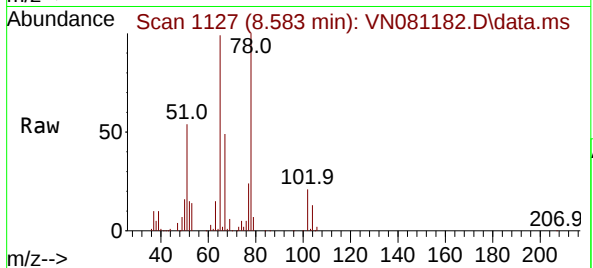
67 52.3 0.0 102.4

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: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081182.D

Acq: 24 Feb 2024 00:33

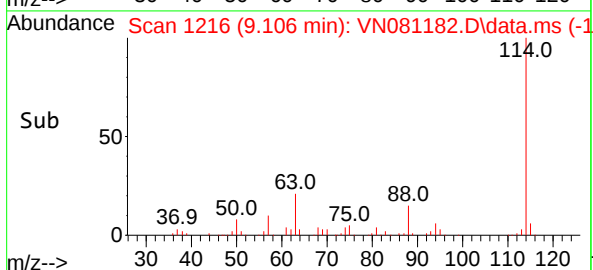
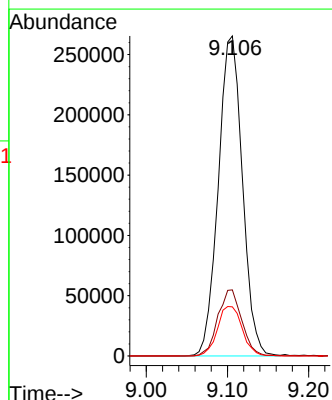
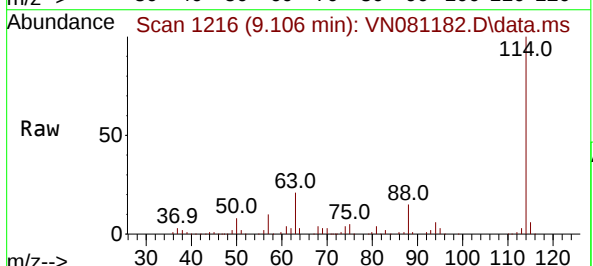
Tgt Ion:114 Resp: 547865

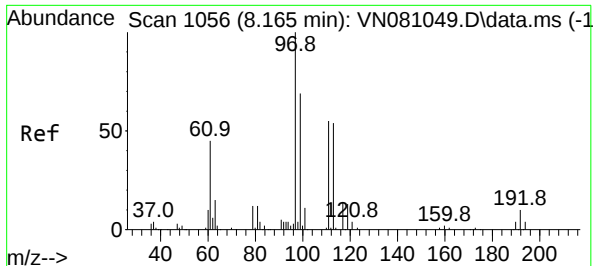
Ion Ratio Lower Upper

114 100

63 20.6 0.0 48.0

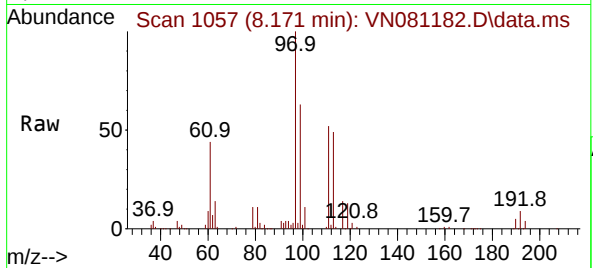
88 15.4 0.0 34.8





#35
Dibromofluoromethane
Concen: 52.718 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

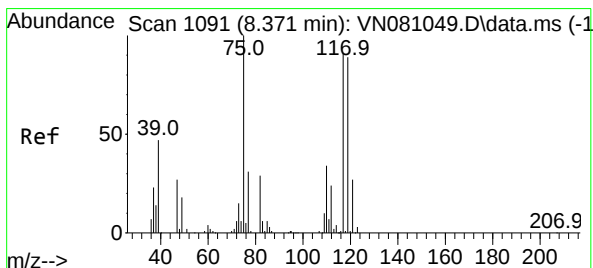
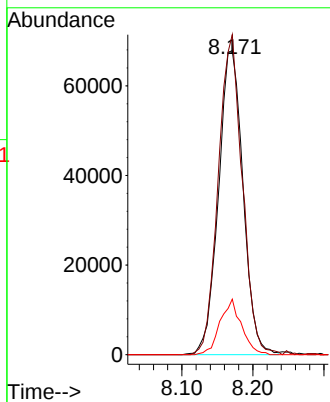
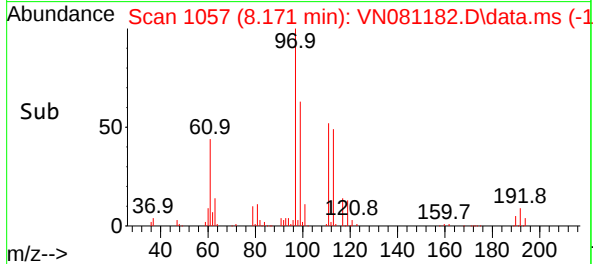
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



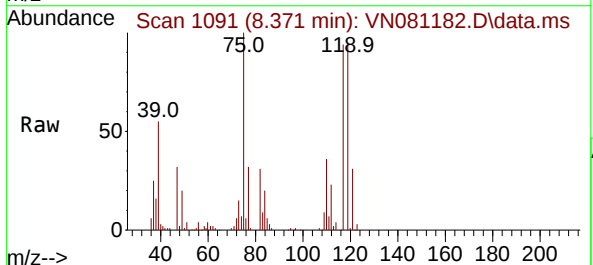
Tgt Ion: 113 Resp: 16332
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 15.9 12.5 18.7

Manual Integrations
APPROVED

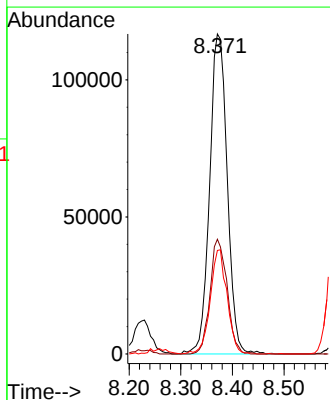
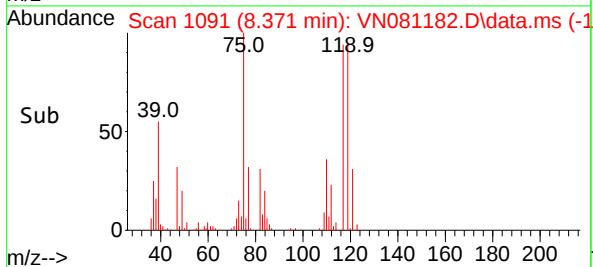
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

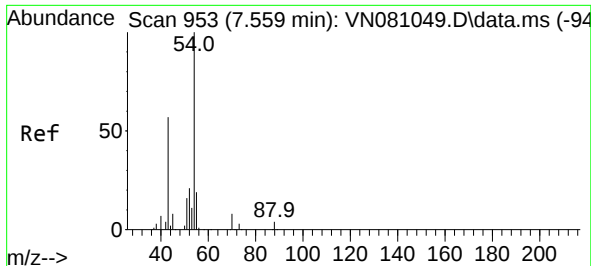


#36
1,1-Dichloropropene
Concen: 52.136 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33



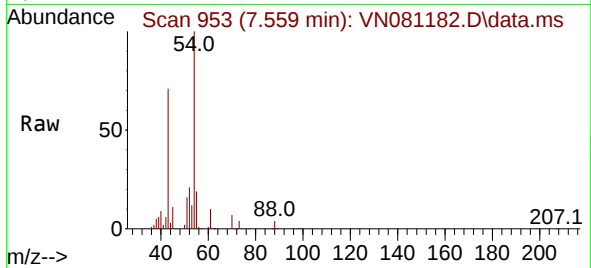
Tgt Ion: 75 Resp: 276712
Ion Ratio Lower Upper
75 100
110 34.8 16.0 48.0
77 31.1 25.8 38.6





#37
Ethyl Acetate
Concen: 57.418 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

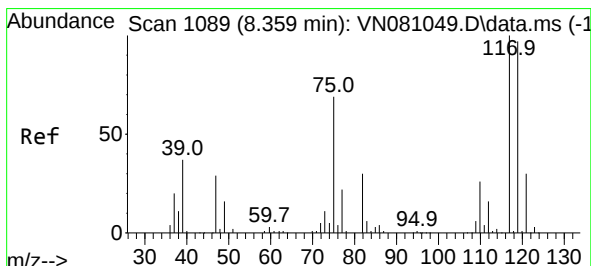
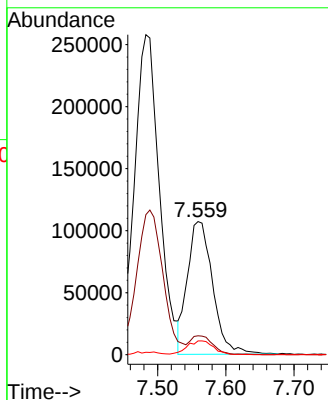
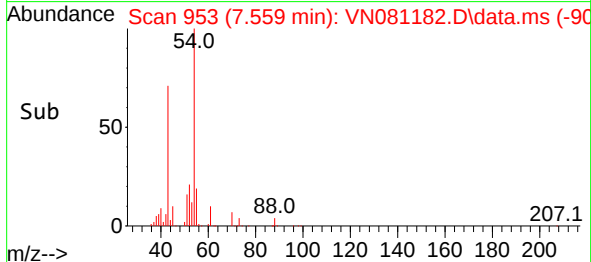
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 275039
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 10.9 8.0 12.0

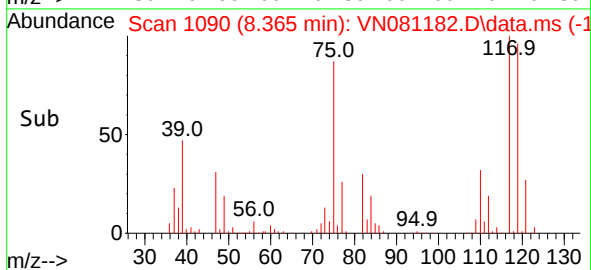
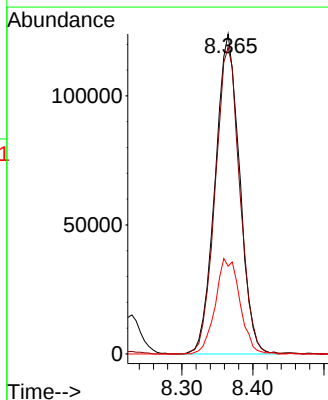
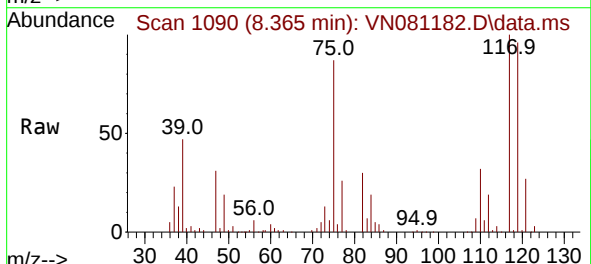
Manual Integrations
APPROVED

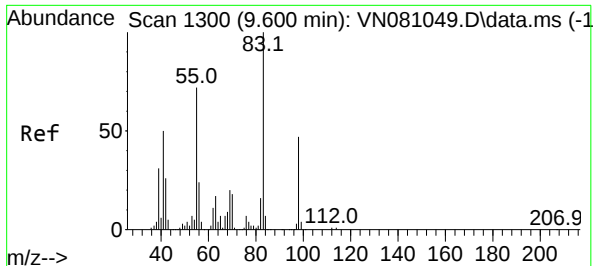
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#38
Carbon Tetrachloride
Concen: 55.174 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

Tgt Ion:117 Resp: 296274
Ion Ratio Lower Upper
117 100
119 95.8 73.4 110.2
121 27.5 24.4 36.6





#39

Methylcyclohexane

Concen: 51.069 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN081182.D

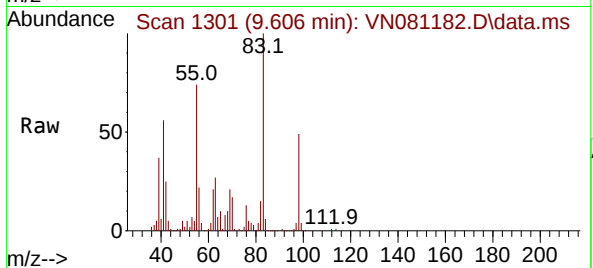
Acq: 24 Feb 2024 00:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



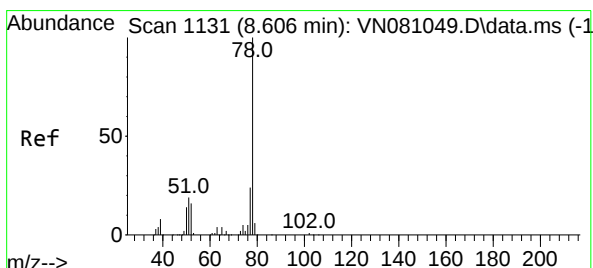
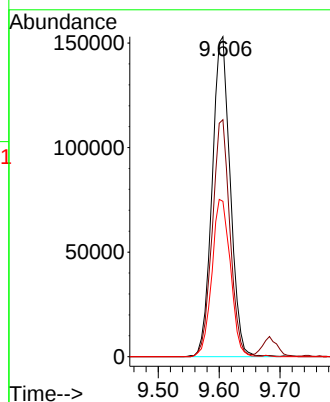
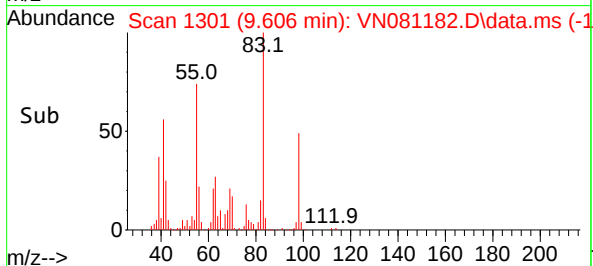
Tgt Ion:	83	Resp:	31597
Ion Ratio	Lower	Upper	
83	100		
55	74.0	65.7	98.5
98	48.6	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#40

Benzene

Concen: 54.540 ug/l

RT: 8.606 min Scan# 1131

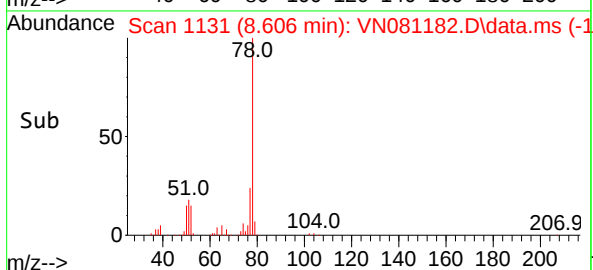
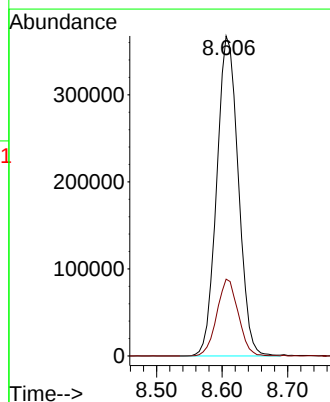
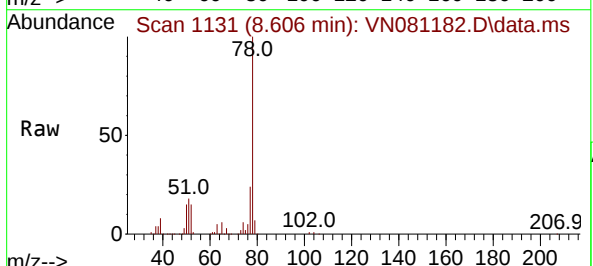
Delta R.T. 0.000 min

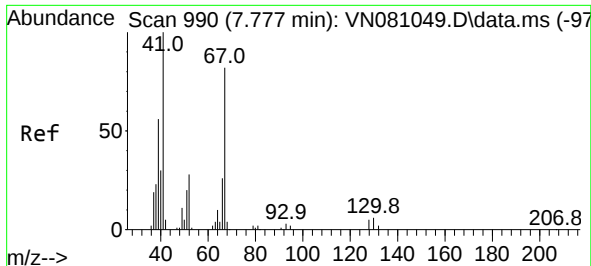
Lab File: VN081182.D

Acq: 24 Feb 2024 00:33

Tgt Ion: 78 Resp: 837874

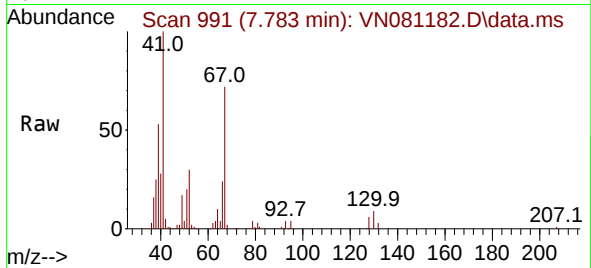
Ion Ratio	Lower	Upper
78	100	
77	24.0	20.4 30.6





#41
Methacrylonitrile
Concen: 56.394 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

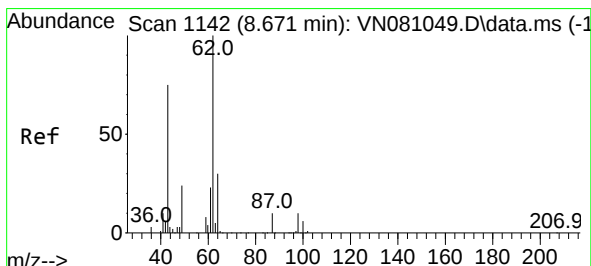
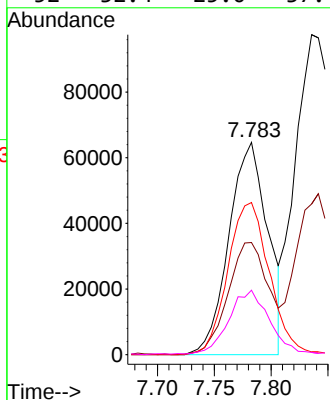
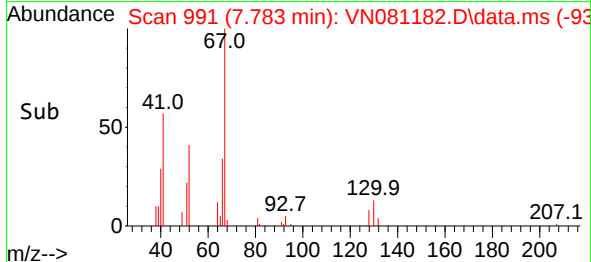
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 153739
Ion Ratio Lower Upper
41 100
39 55.1 48.4 72.6
67 77.0 56.8 85.2
52 32.4 25.0 37.4

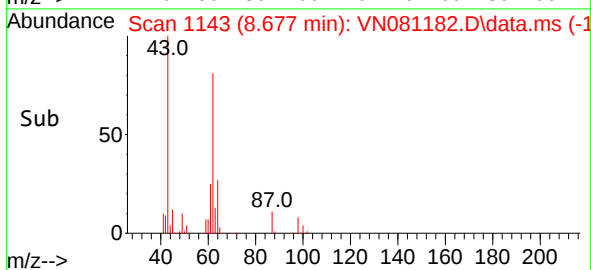
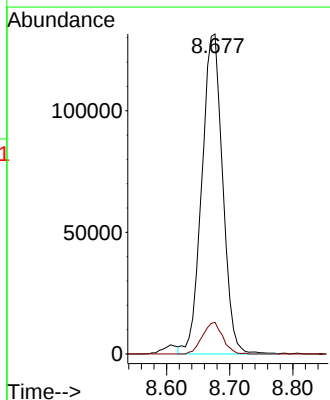
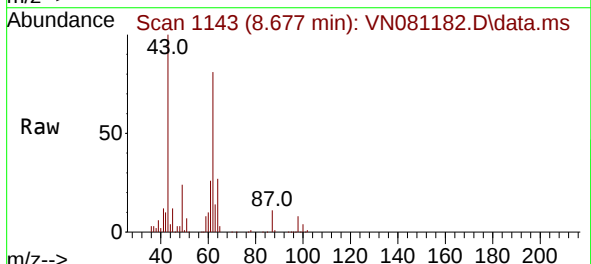
Manual Integrations
APPROVED

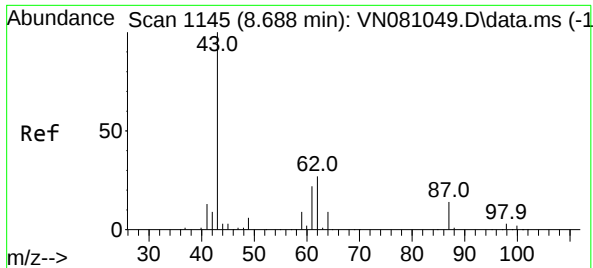
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#42
1,2-Dichloroethane
Concen: 56.268 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

Tgt Ion: 62 Resp: 301585
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.0





#43

Isopropyl Acetate

Concen: 71.170 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081182.D

Acq: 24 Feb 2024 00:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 59623

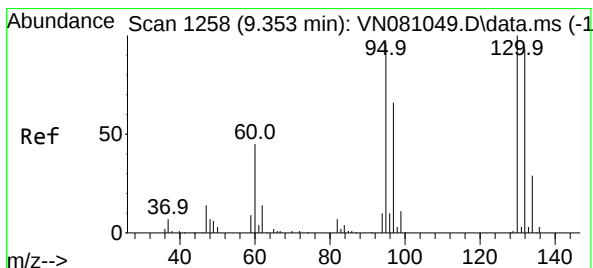
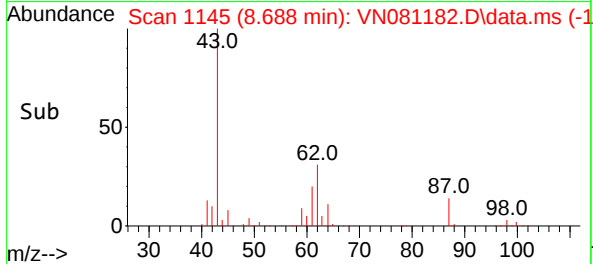
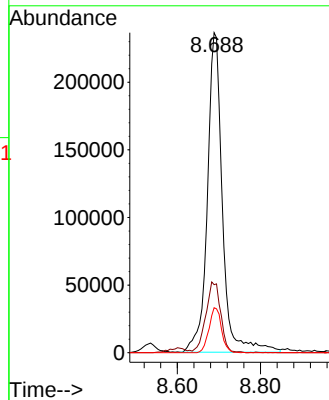
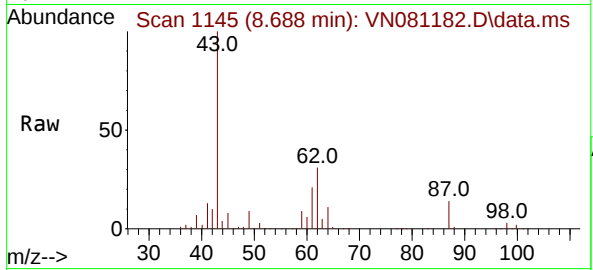
Ion	Ratio	Lower	Upper
43	100		
61	21.9	19.9	29.9
87	11.6	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#44

Trichloroethene

Concen: 50.807 ug/l

RT: 9.353 min Scan# 1258

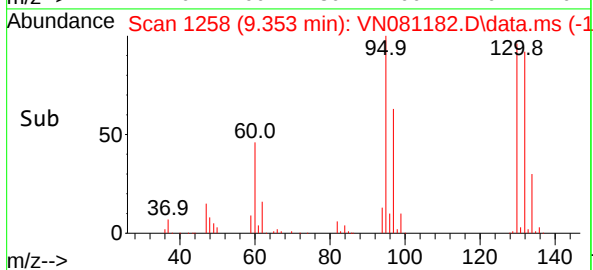
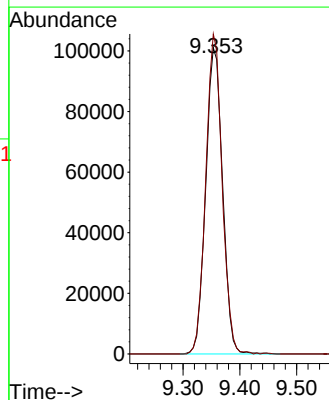
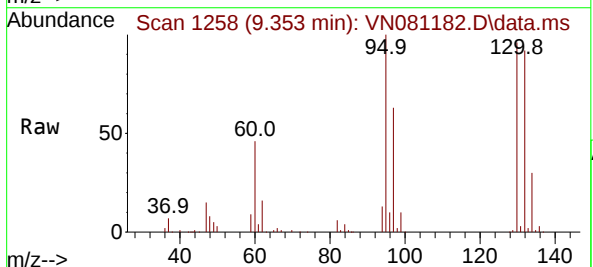
Delta R.T. 0.000 min

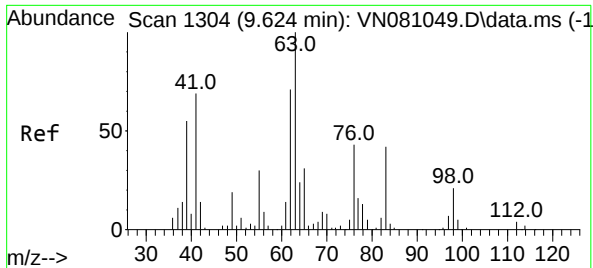
Lab File: VN081182.D

Acq: 24 Feb 2024 00:33

Tgt Ion:130 Resp: 207890

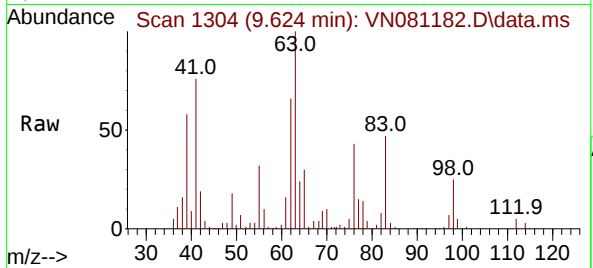
Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	210.4





#45
1,2-Dichloropropane
Concen: 56.262 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

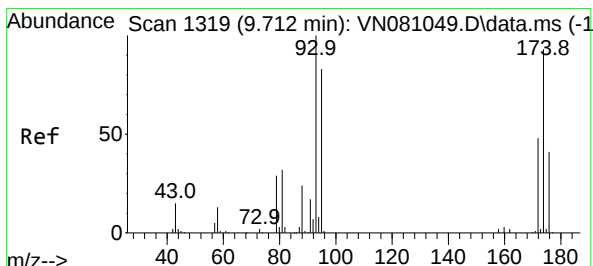
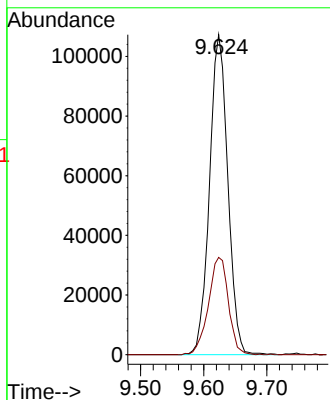
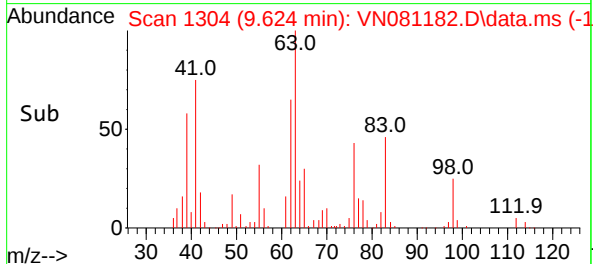
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



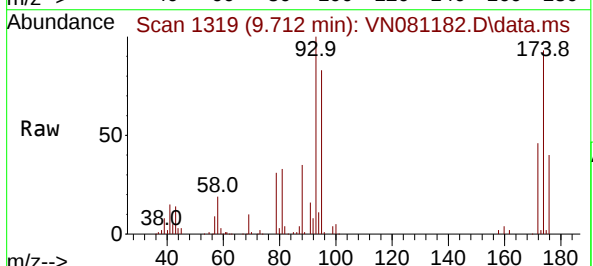
Tgt Ion: 63 Resp: 216208
Ion Ratio Lower Upper
63 100
65 30.4 26.1 39.1

Manual Integrations
APPROVED

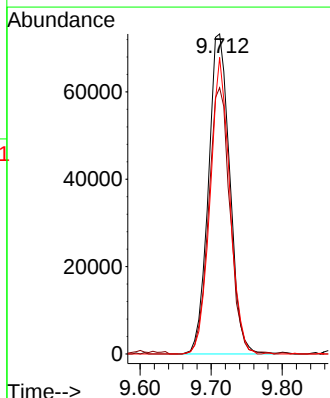
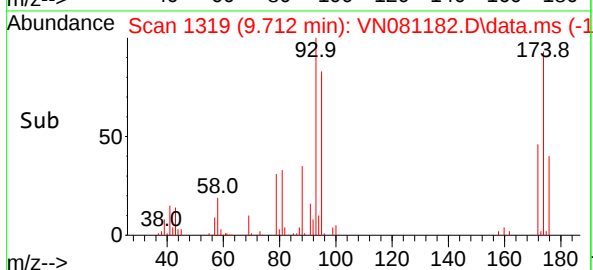
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

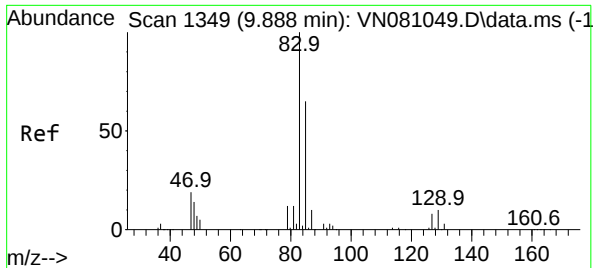


#46
Dibromomethane
Concen: 54.719 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33



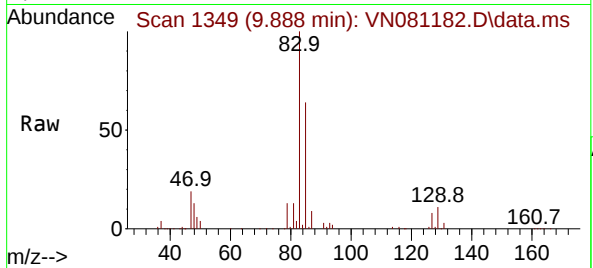
Tgt Ion: 93 Resp: 153213
Ion Ratio Lower Upper
93 100
95 83.2 68.1 102.1
174 84.8 57.2 85.8





#47
Bromodichloromethane
Concen: 57.590 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

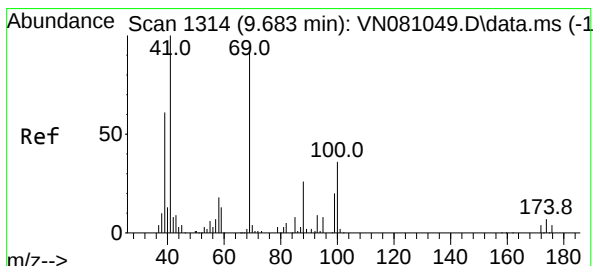
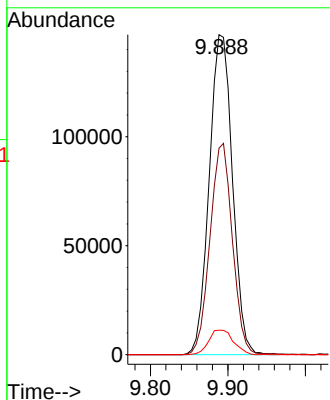
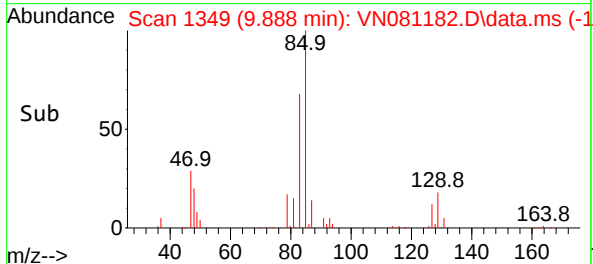
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 305399
Ion Ratio Lower Upper
83 100
85 64.5 52.3 78.5
127 7.7 4.6 7.0

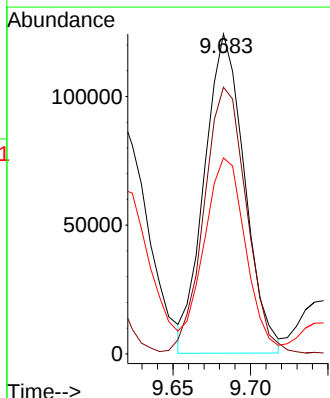
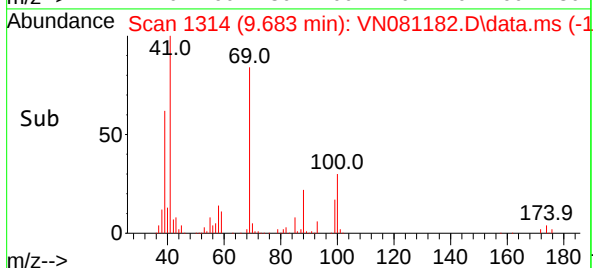
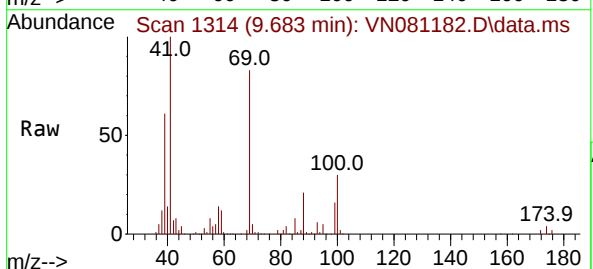
Manual Integrations
APPROVED

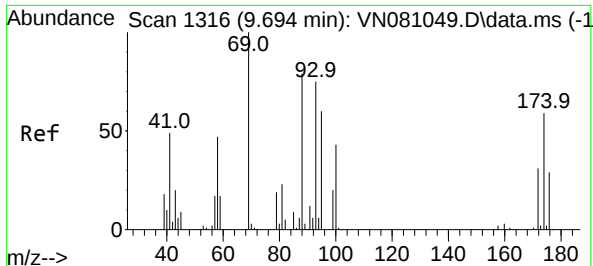
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#48
Methyl methacrylate
Concen: 57.246 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

Tgt Ion: 41 Resp: 223155
Ion Ratio Lower Upper
41 100
69 88.5 62.2 93.2
39 63.8 47.6 71.4





#49

1,4-Dioxane

Concen: 1337.870 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081182.D

Acq: 24 Feb 2024 00:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 95000

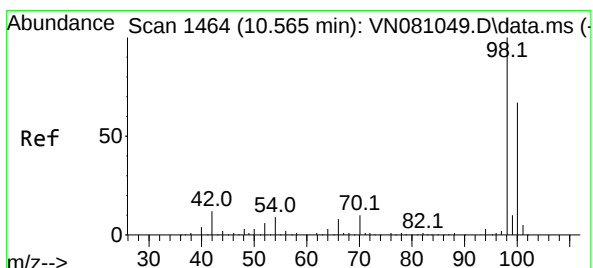
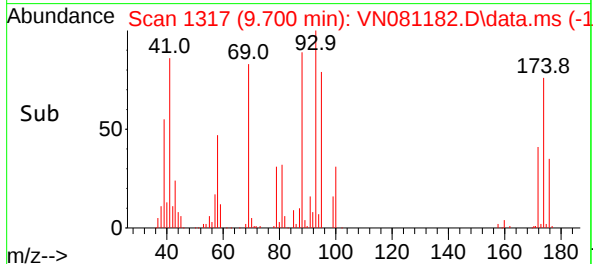
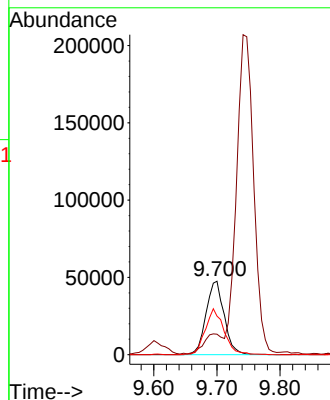
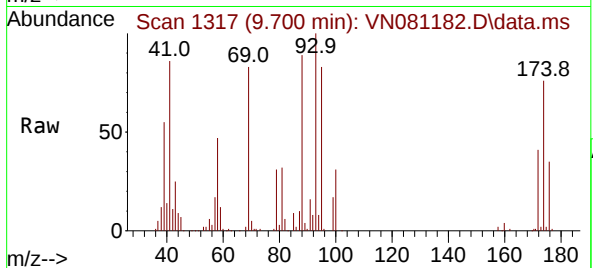
Ion	Ratio	Lower	Upper
88	100		
43	29.7	30.1	45.1
58	64.7	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#50

Toluene-d8

Concen: 49.479 ug/l

RT: 10.571 min Scan# 1465

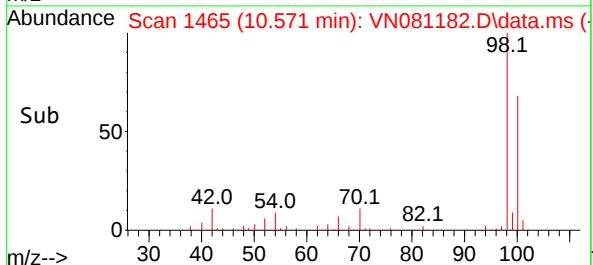
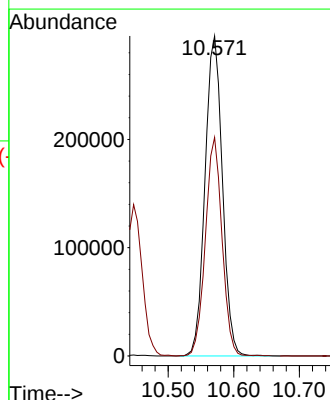
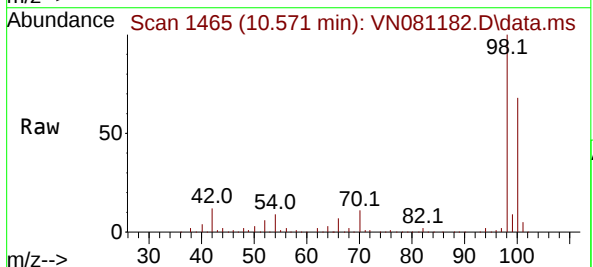
Delta R.T. 0.006 min

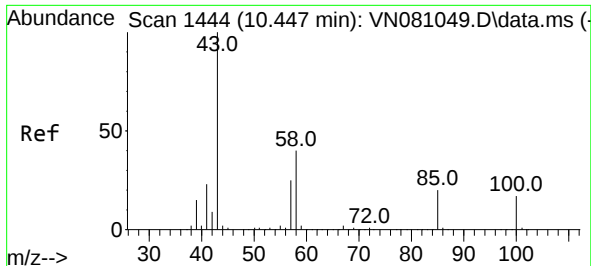
Lab File: VN081182.D

Acq: 24 Feb 2024 00:33

Tgt Ion: 98 Resp: 544431

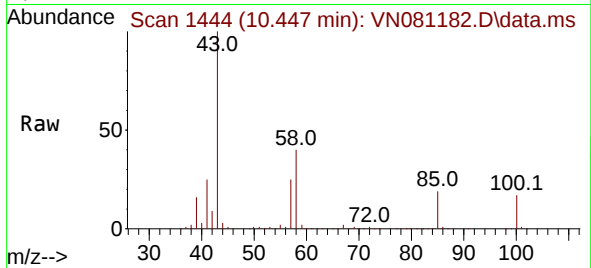
Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 301.288 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

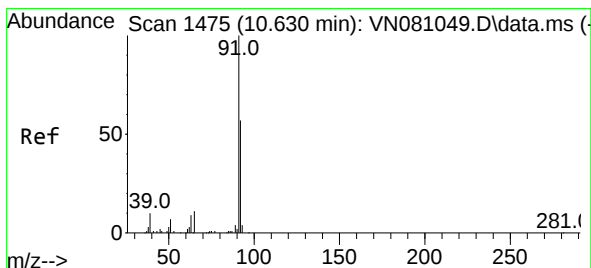
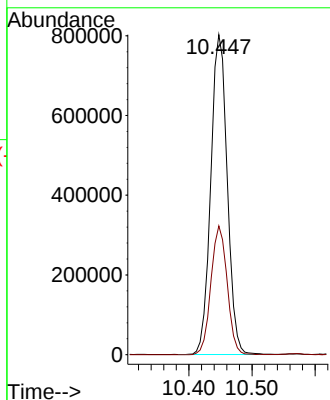
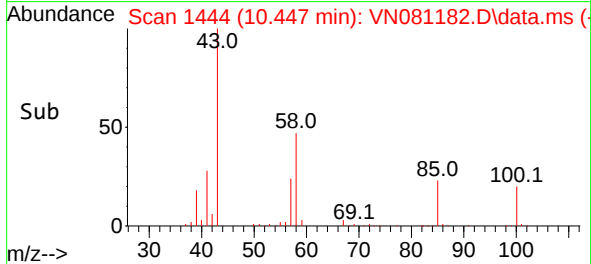
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 145197
Ion Ratio Lower Upper
43 100
58 39.6 29.4 44.0

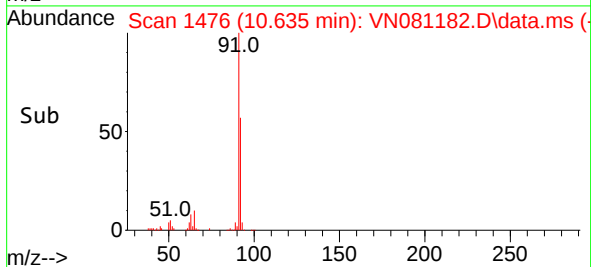
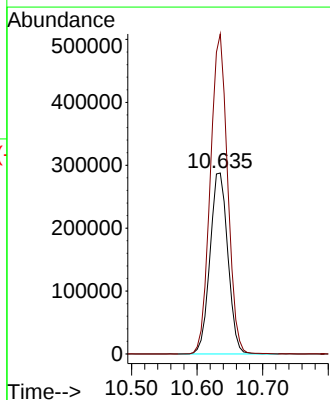
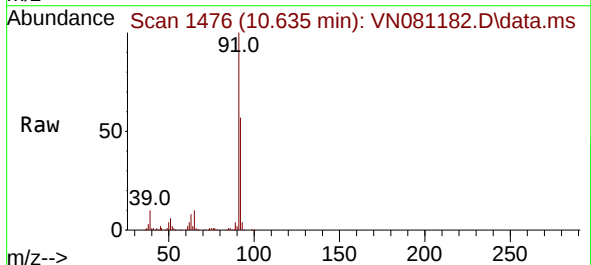
Manual Integrations
APPROVED

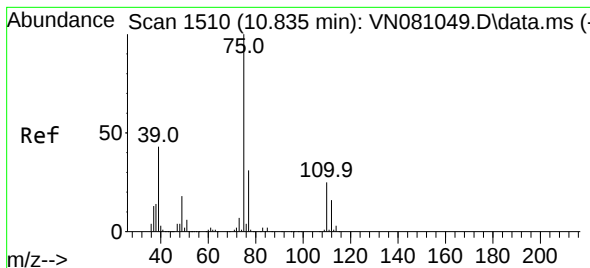
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#52
Toluene
Concen: 55.826 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

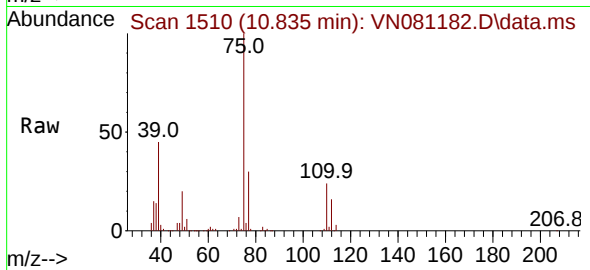
Tgt Ion: 92 Resp: 542942
Ion Ratio Lower Upper
92 100
91 171.5 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 52.903 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

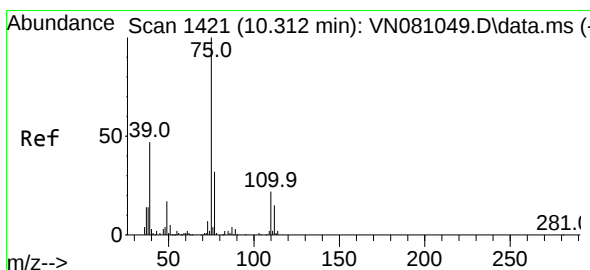
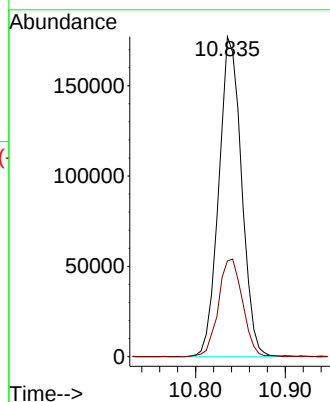
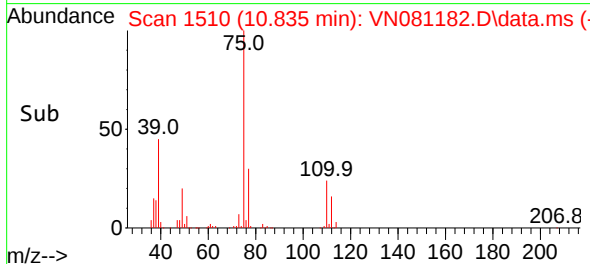
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



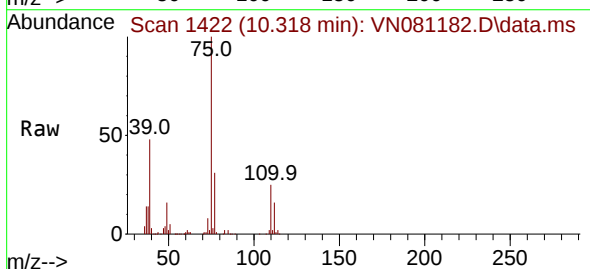
Tgt Ion: 75 Resp: 311760
Ion Ratio Lower Upper
75 100
77 29.9 25.5 38.3

Manual Integrations
APPROVED

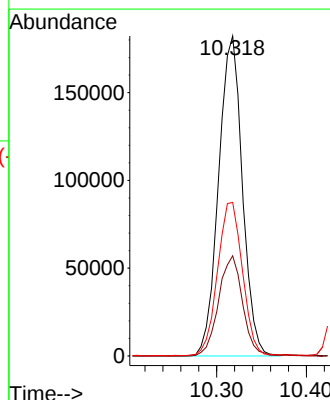
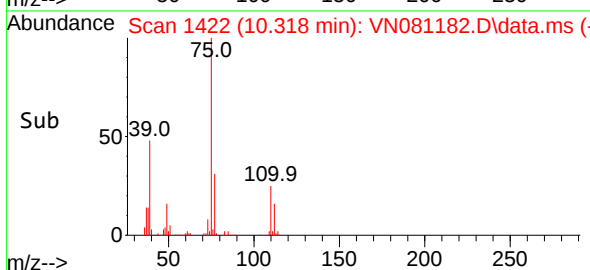
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

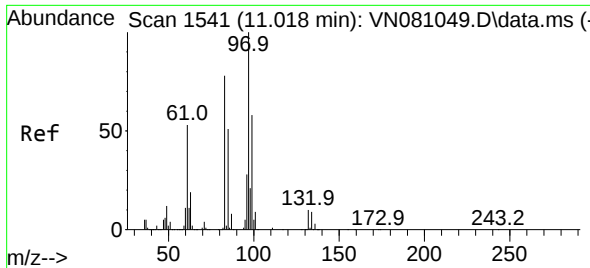


#54
cis-1,3-Dichloropropene
Concen: 52.594 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33



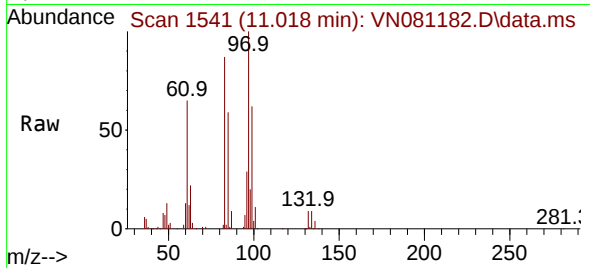
Tgt Ion: 75 Resp: 334867
Ion Ratio Lower Upper
75 100
77 31.3 23.3 34.9
39 47.9 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 57.910 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

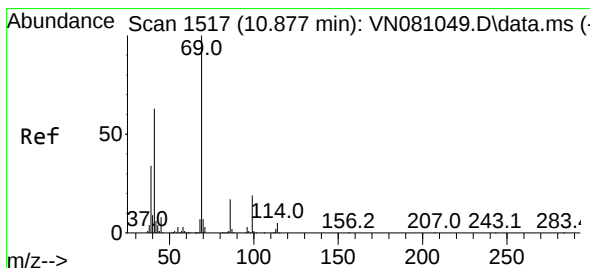
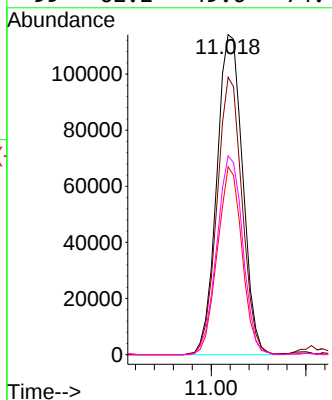
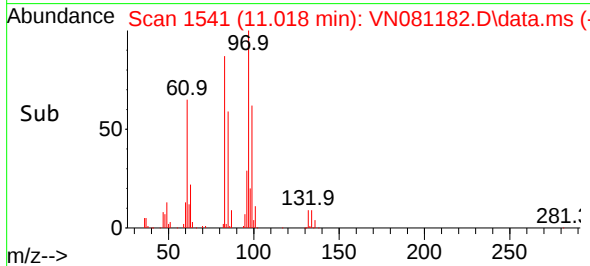
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



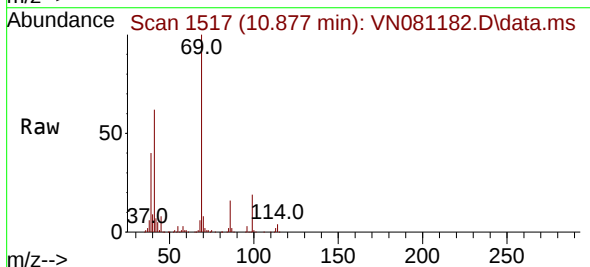
Tgt Ion: 97 Resp: 21662
Ion Ratio Lower Upper
97 100
83 86.7 72.9 109.3
85 58.8 50.2 75.2
99 62.2 49.6 74.4

Manual Integrations
APPROVED

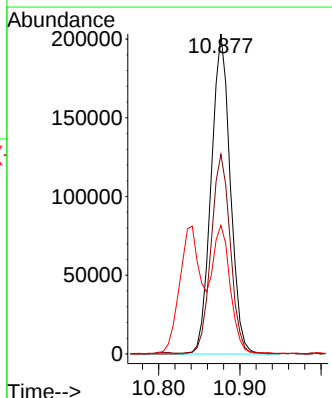
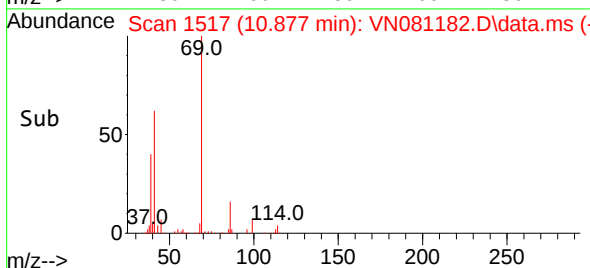
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#56
Ethyl methacrylate
Concen: 58.009 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33



Tgt Ion: 69 Resp: 331637
Ion Ratio Lower Upper
69 100
41 62.4 61.0 91.6
39 37.3 31.8 47.6





#57

1,3-Dichloropropane

Concen: 56.500 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081182.D

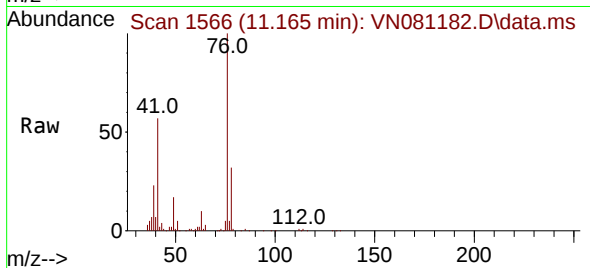
Acq: 24 Feb 2024 00:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 365430

Ion Ratio Lower Upper

76 100

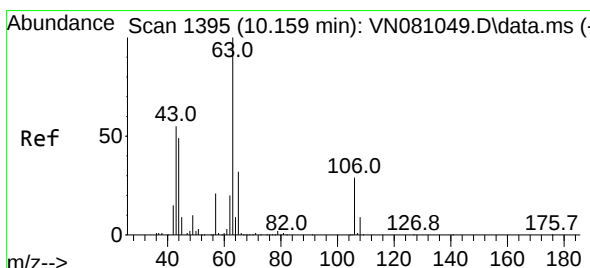
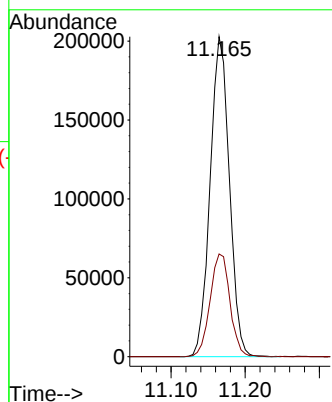
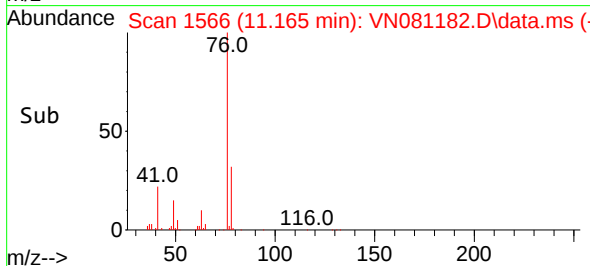
78 33.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#58

2-Chloroethyl Vinyl ether

Concen: 263.692 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081182.D

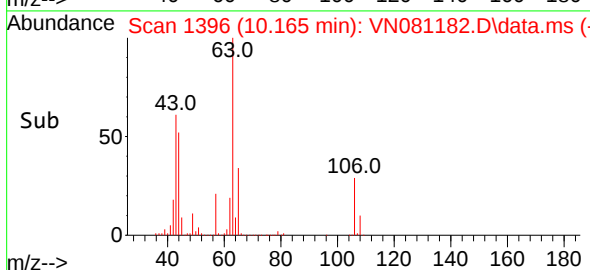
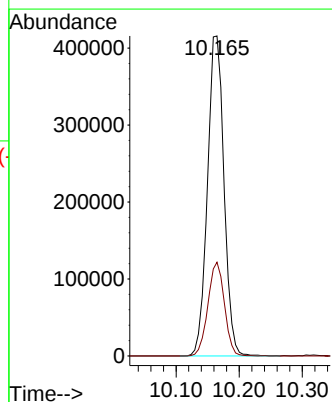
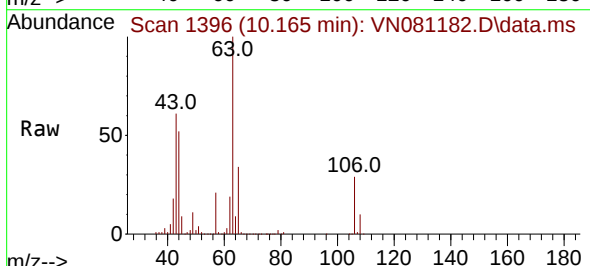
Acq: 24 Feb 2024 00:33

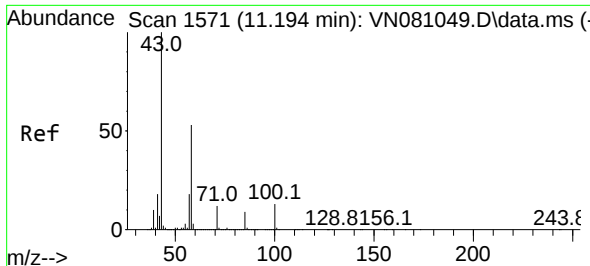
Tgt Ion: 63 Resp: 756393

Ion Ratio Lower Upper

63 100

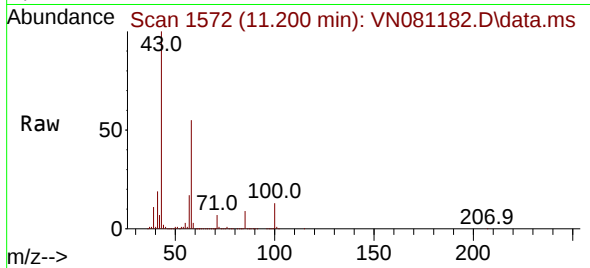
106 29.2 18.6 28.0#





#59
2-Hexanone
Concen: 287.746 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

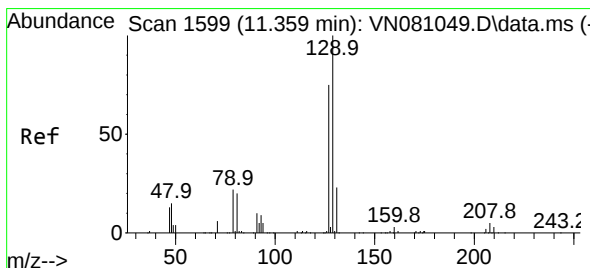
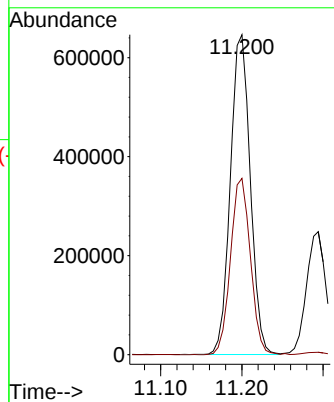
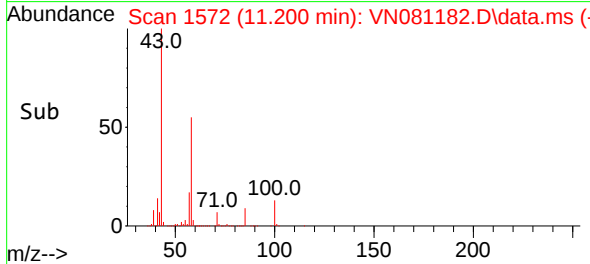
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1099389
Ion Ratio Lower Upper
43 100
58 55.1 25.9 77.8

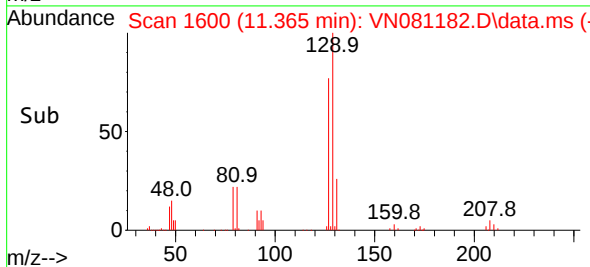
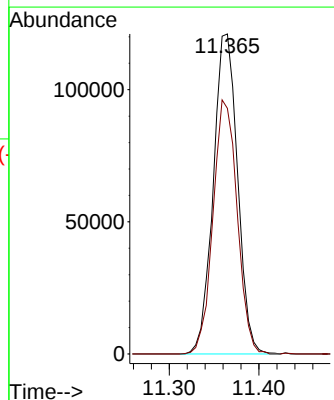
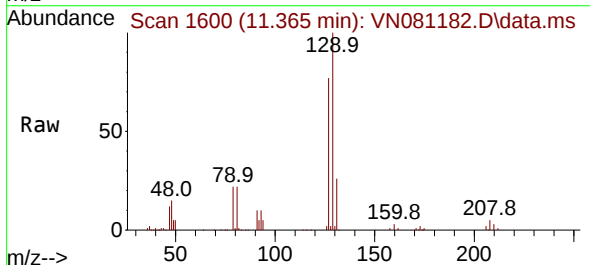
Manual Integrations
APPROVED

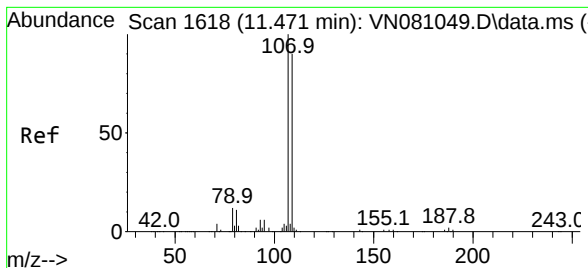
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#60
Dibromochloromethane
Concen: 57.264 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

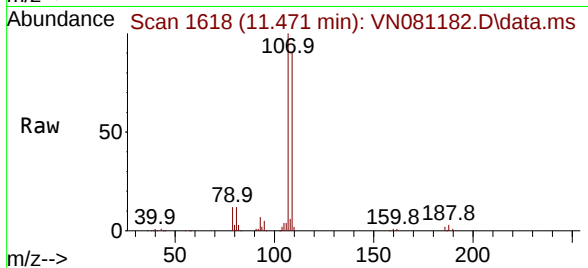
Tgt Ion:129 Resp: 227558
Ion Ratio Lower Upper
129 100
127 78.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 57.198 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

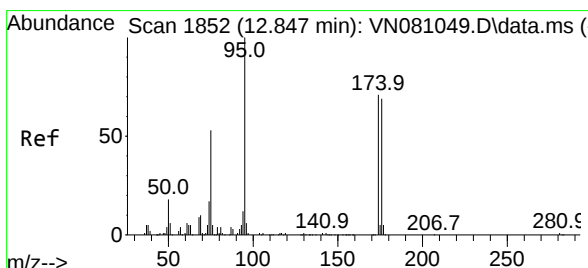
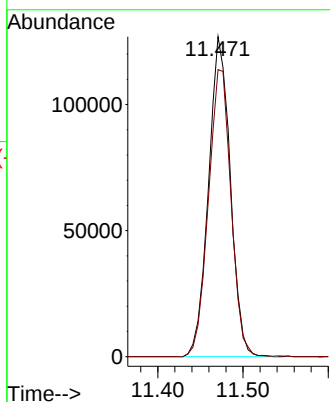
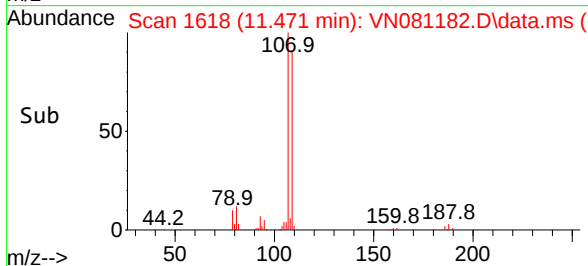
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



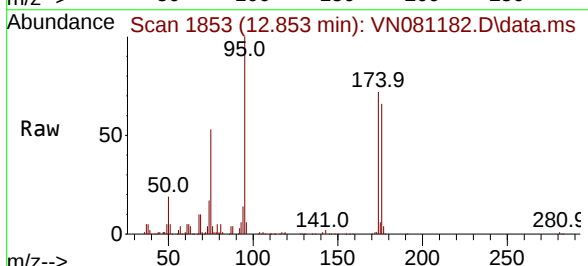
Tgt Ion:107 Resp: 224990
Ion Ratio Lower Upper
107 100
109 93.1 73.4 110.2

Manual Integrations
APPROVED

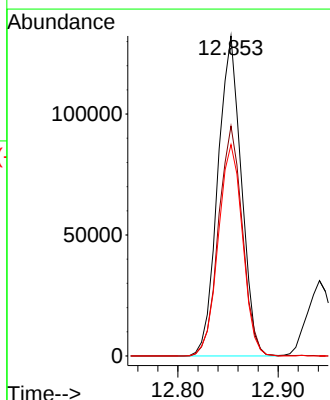
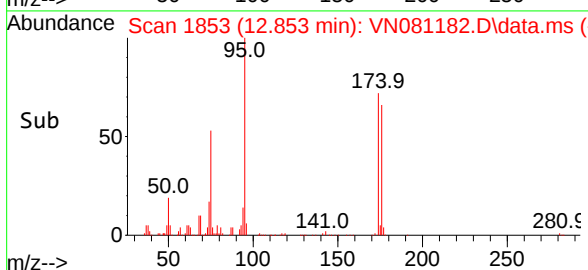
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

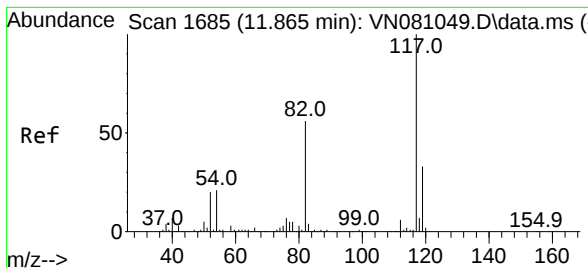


#62
4-Bromofluorobenzene
Concen: 52.035 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33



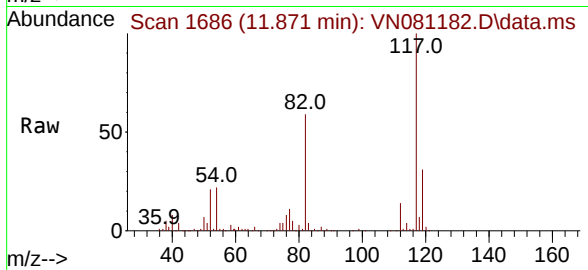
Tgt Ion: 95 Resp: 215139
Ion Ratio Lower Upper
95 100
174 72.8 0.0 120.4
176 68.2 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

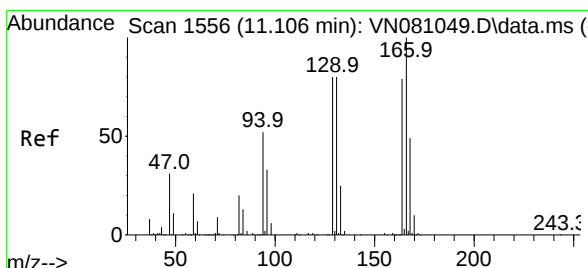
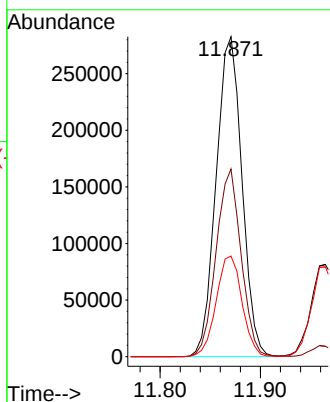
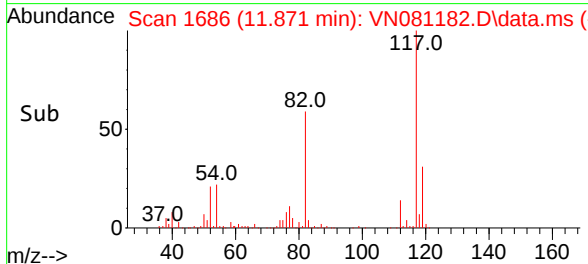
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



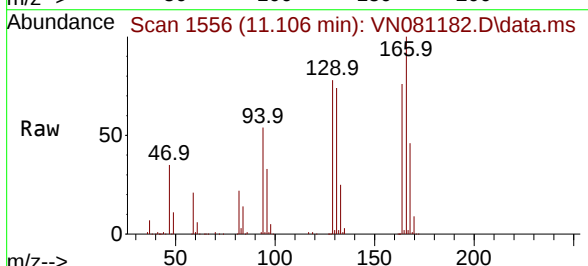
Tgt Ion:117 Resp: 504490
Ion Ratio Lower Upper
117 100
82 58.6 52.7 79.1
119 31.4 25.3 37.9

Manual Integrations
APPROVED

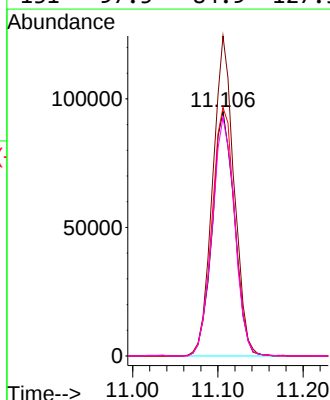
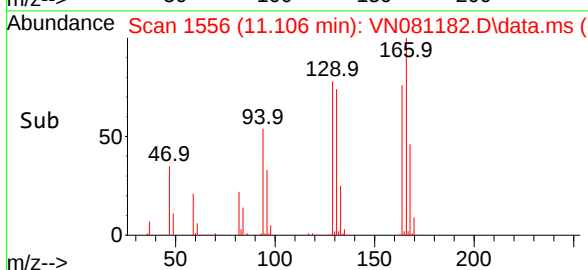
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

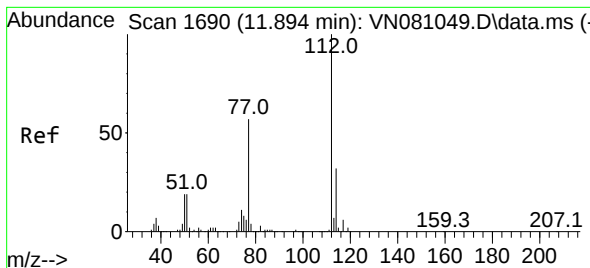


#64
Tetrachloroethene
Concen: 50.056 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33



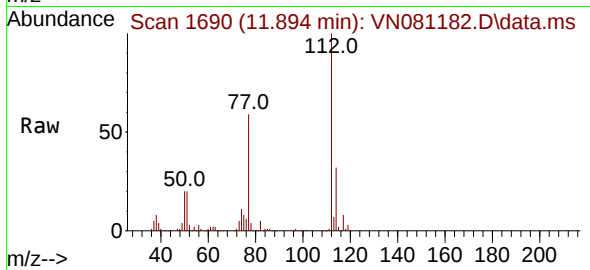
Tgt Ion:164 Resp: 172353
Ion Ratio Lower Upper
164 100
166 130.9 105.8 158.6
129 101.6 89.6 134.4
131 97.5 84.9 127.3





#65
Chlorobenzene
Concen: 51.945 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

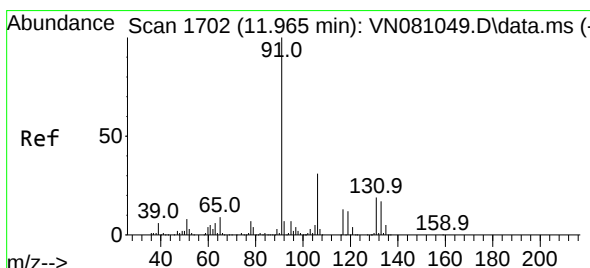
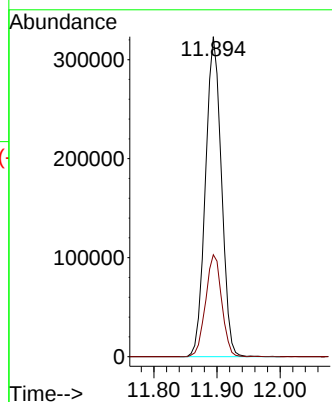
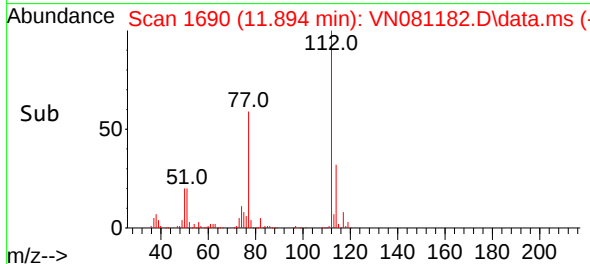
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



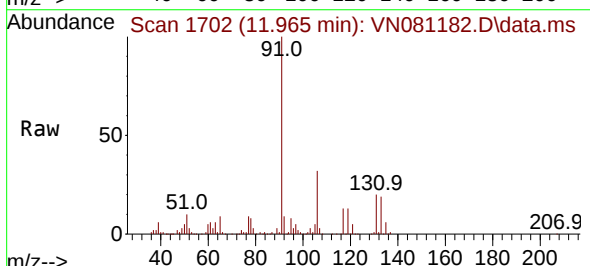
Tgt Ion:112 Resp: 56718
Ion Ratio Lower Upper
112 100
114 31.9 23.7 35.5

Manual Integrations
APPROVED

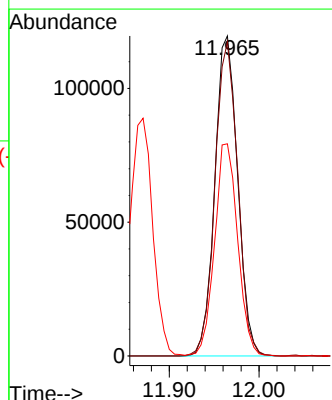
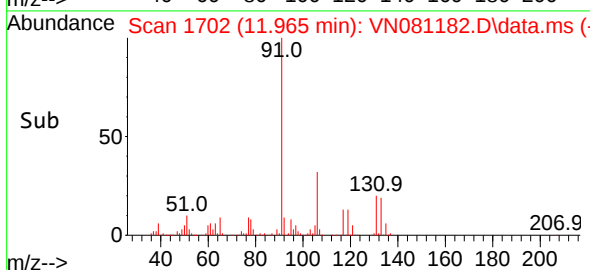
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

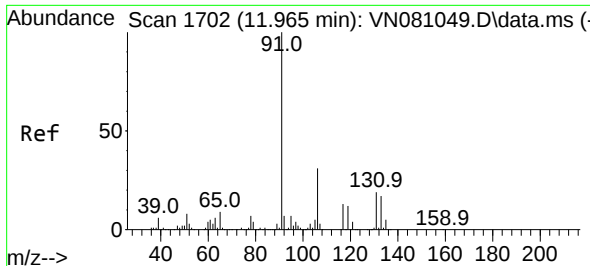


#66
1,1,1,2-Tetrachloroethane
Concen: 53.901 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33



Tgt Ion:131 Resp: 211389
Ion Ratio Lower Upper
131 100
133 97.7 46.8 140.3
119 67.1 34.6 103.9





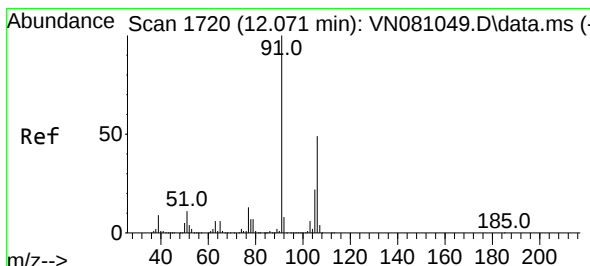
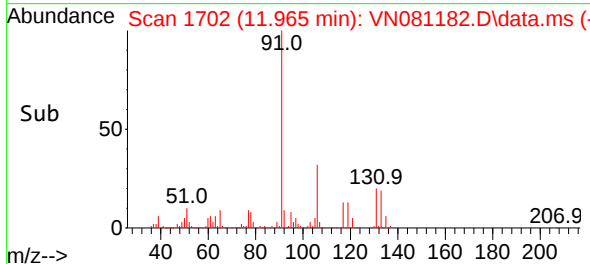
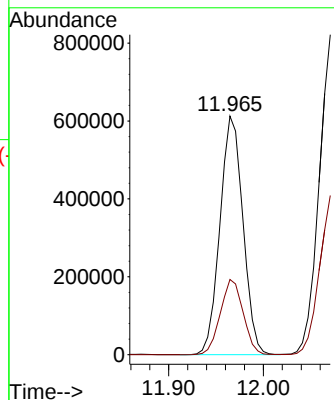
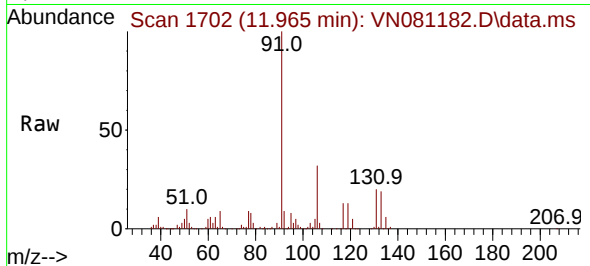
#67
Ethyl Benzene
Concen: 52.988 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 103530
Ion Ratio Lower Upper
91 100
106 31.6 23.8 35.6

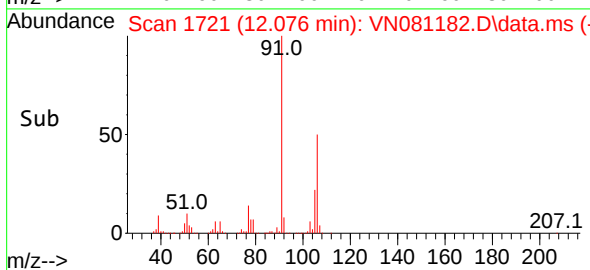
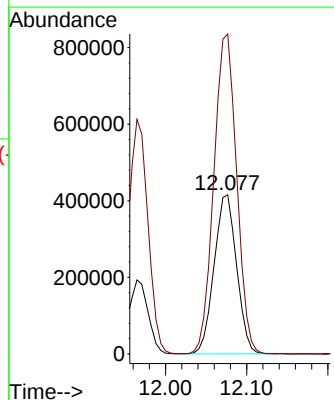
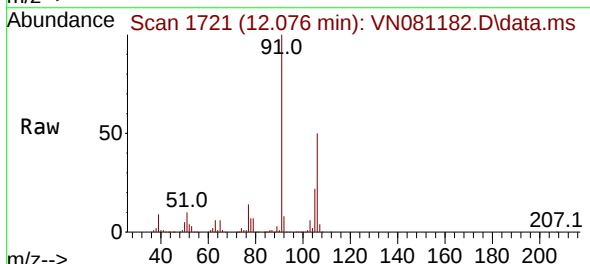
Manual Integrations
APPROVED

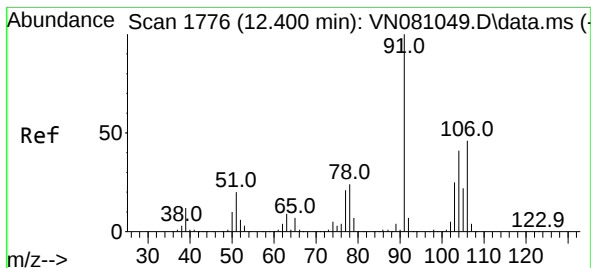
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#68
m/p-Xylenes
Concen: 106.787 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

Tgt Ion:106 Resp: 799728
Ion Ratio Lower Upper
106 100
91 204.2 169.0 253.6





#69

o-Xylene

Concen: 52.852 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN081182.D

Acq: 24 Feb 2024 00:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 392348

Ion Ratio Lower Upper

106 100

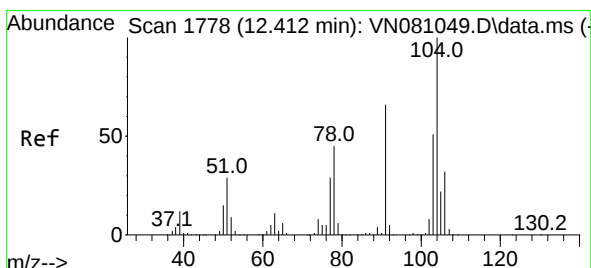
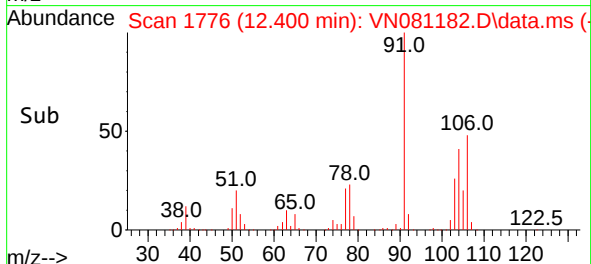
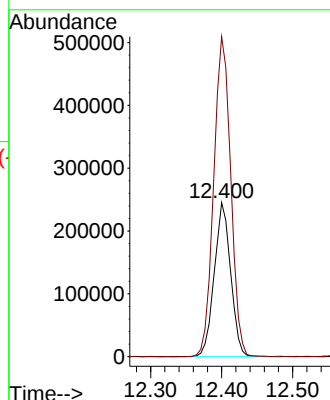
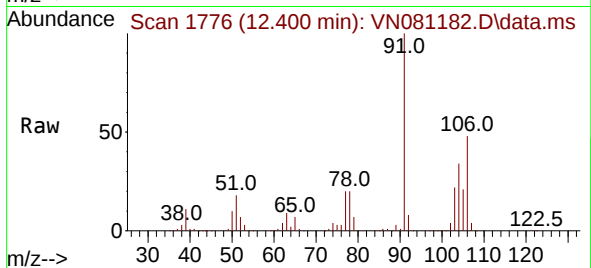
91 216.3 112.1 336.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#70

Styrene

Concen: 54.845 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081182.D

Acq: 24 Feb 2024 00:33

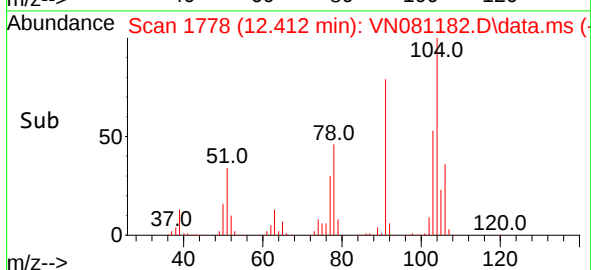
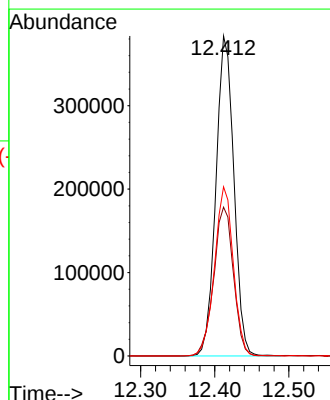
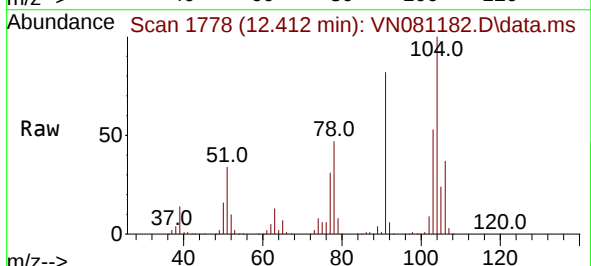
Tgt Ion:104 Resp: 645167

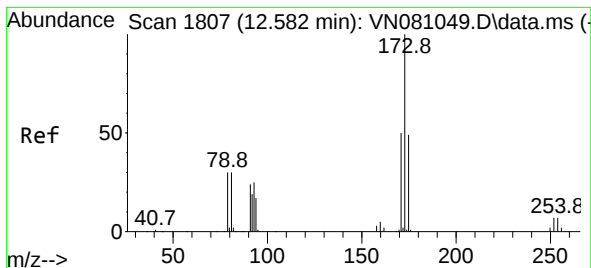
Ion Ratio Lower Upper

104 100

78 51.0 43.8 65.8

103 55.4 44.2 66.2





#71

Bromoform

Concen: 60.046 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081182.D

Acq: 24 Feb 2024 00:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 14940

Ion Ratio Lower Upper

173 100

175 48.3 23.1 69.2

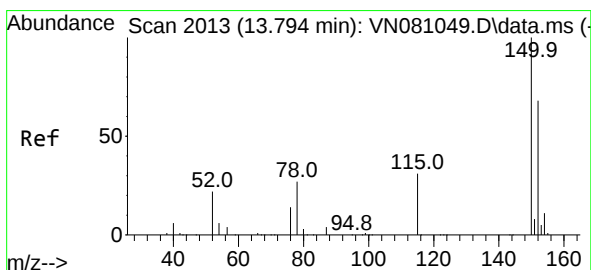
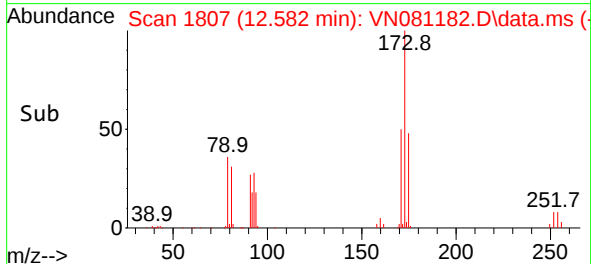
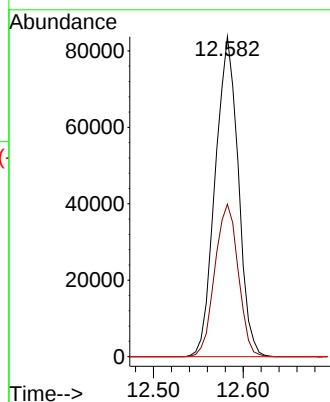
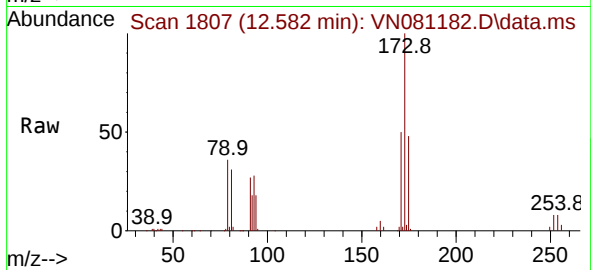
254 0.0 0.0 0.0

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: VN081182.D

Acq: 24 Feb 2024 00:33

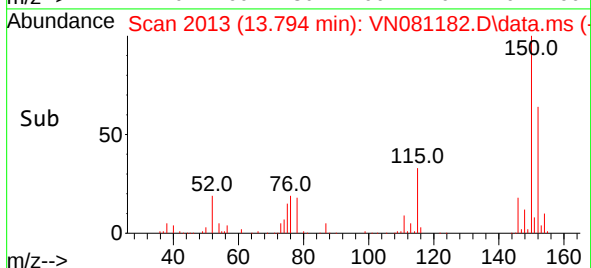
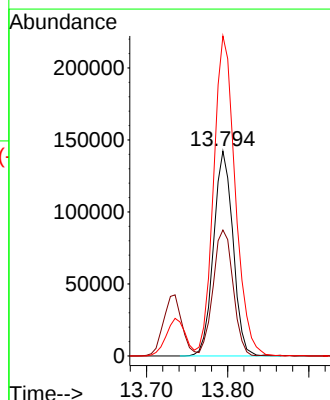
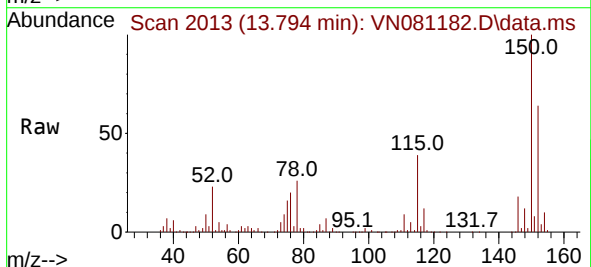
Tgt Ion:152 Resp: 236461

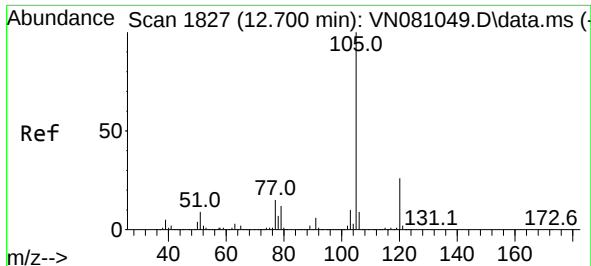
Ion Ratio Lower Upper

152 100

115 63.0 32.3 96.8

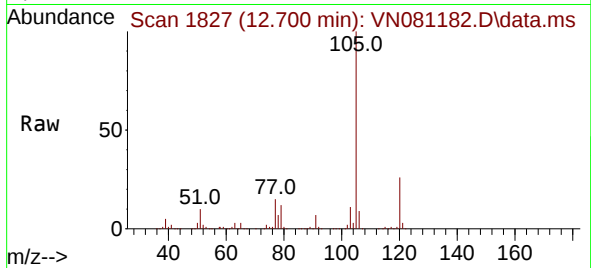
150 173.8 0.0 339.8





#73
Isopropylbenzene
Concen: 49.869 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

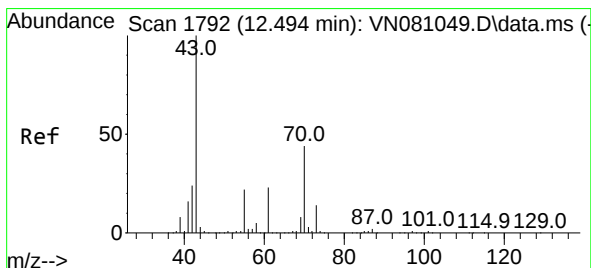
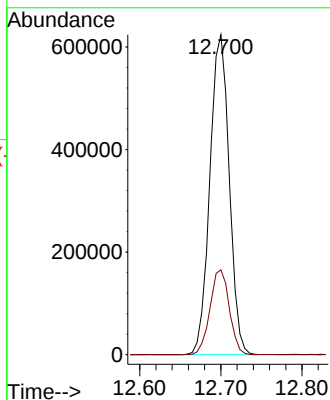
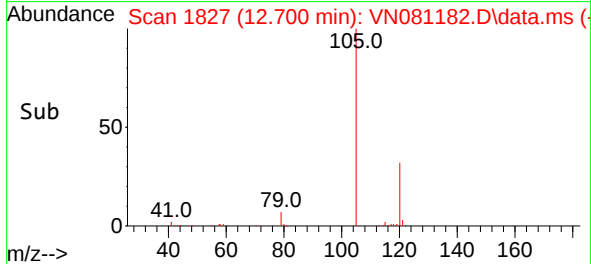
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 103172
Ion Ratio Lower Upper
105 100
120 26.5 12.6 37.6

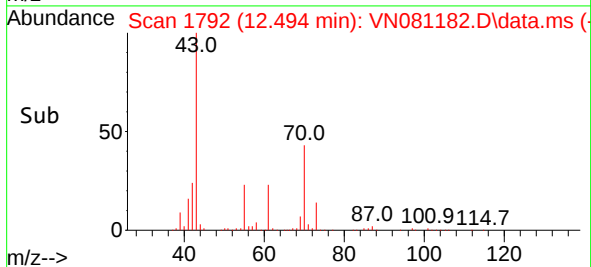
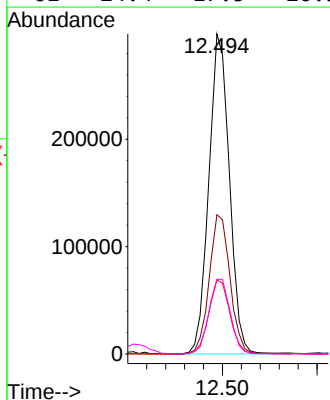
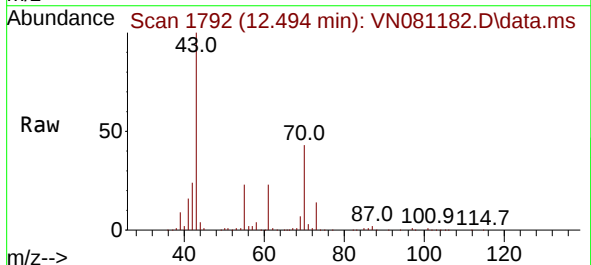
Manual Integrations
APPROVED

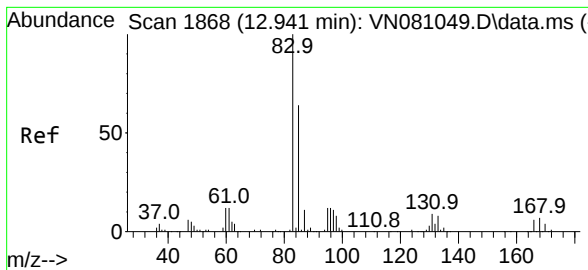
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#74
N-ethyl acetate
Concen: 51.348 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

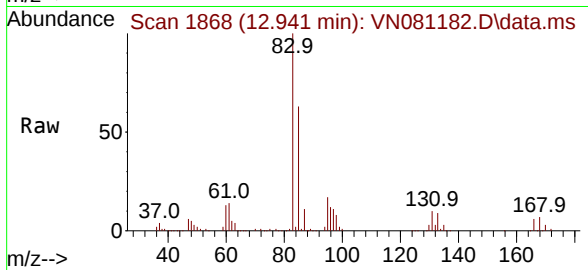
Tgt Ion: 43 Resp: 448978
Ion Ratio Lower Upper
43 100
70 44.0 30.1 45.1
55 23.7 17.0 25.4
61 24.4 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 54.400 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

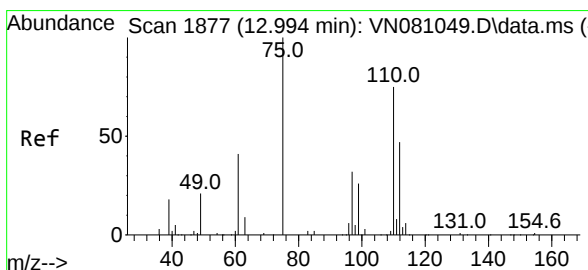
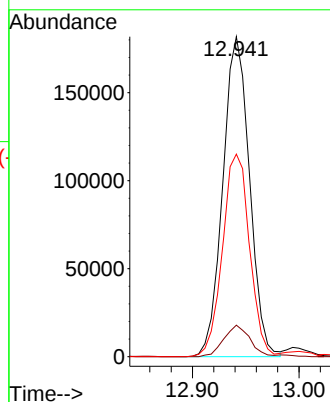
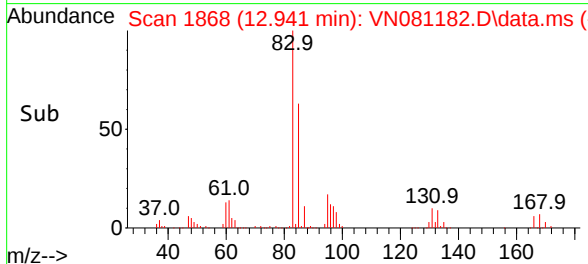
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 316470
Ion Ratio Lower Upper
83 100
131 9.6 4.1 12.3
85 64.2 32.1 96.3

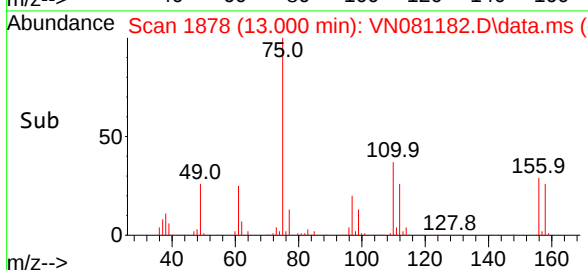
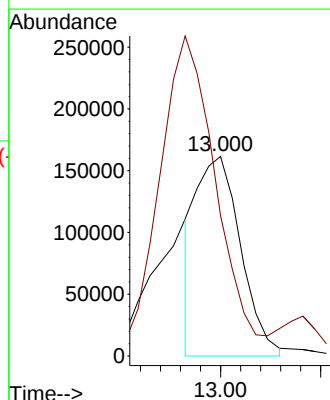
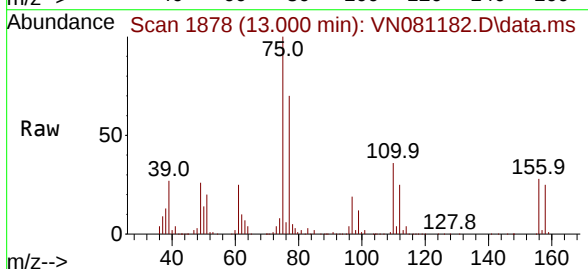
Manual Integrations
APPROVED

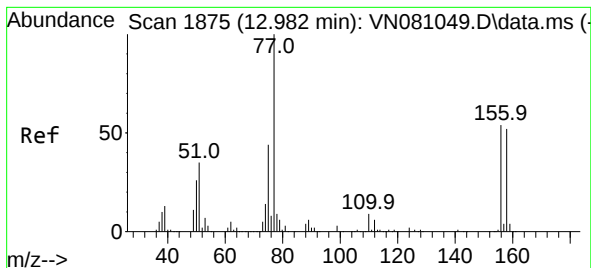
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#76
1,2,3-Trichloropropane
Concen: 46.356 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

Tgt Ion: 75 Resp: 249052
Ion Ratio Lower Upper
75 100
77 205.4 91.0 272.8





#77

Bromobenzene

Concen: 49.980 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081182.D

Acq: 24 Feb 2024 00:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

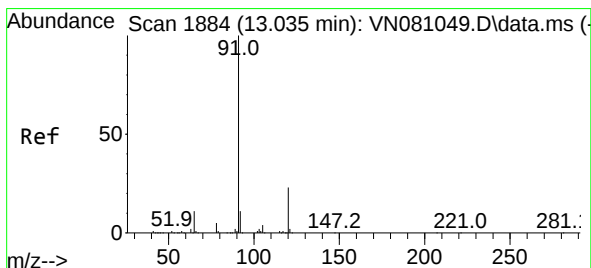
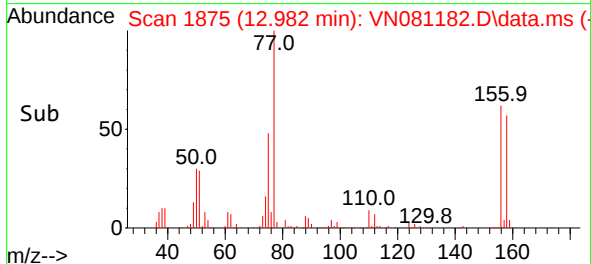
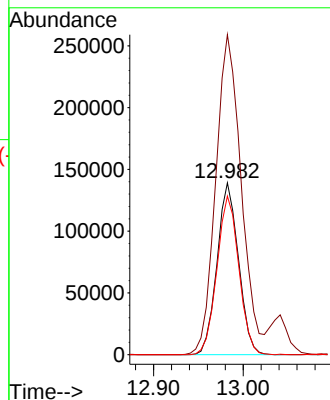
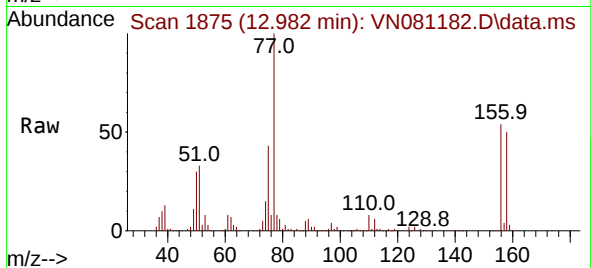
Tgt Ion:156 Resp: 230558
 Ion Ratio Lower Upper
 156 100
 77 221.9 138.1 414.3
 158 94.2 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#78

n-propylbenzene

Concen: 51.382 ug/l

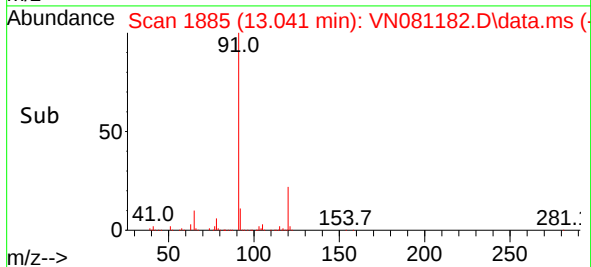
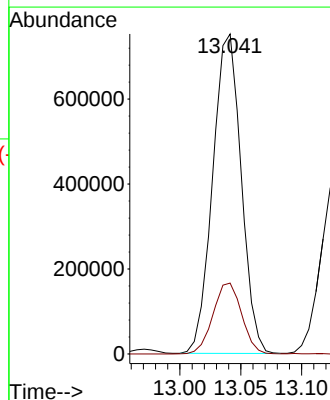
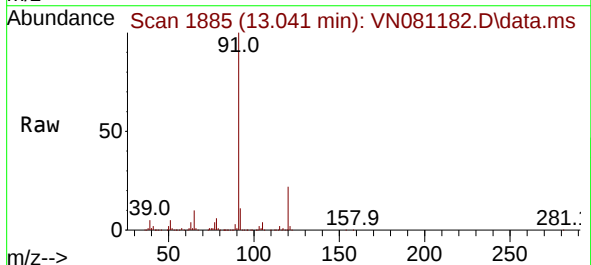
RT: 13.041 min Scan# 1885

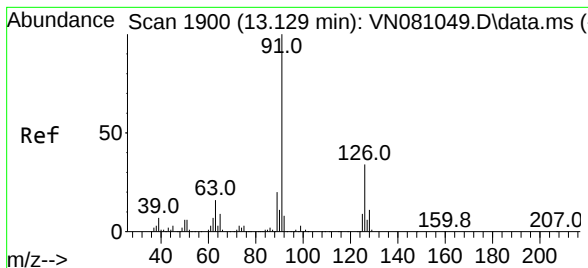
Delta R.T. 0.006 min

Lab File: VN081182.D

Acq: 24 Feb 2024 00:33

Tgt Ion: 91 Resp: 1223736
 Ion Ratio Lower Upper
 91 100
 120 22.4 10.3 30.9





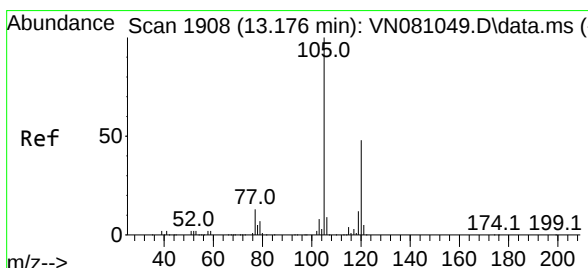
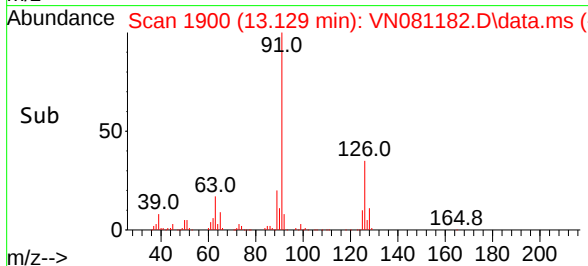
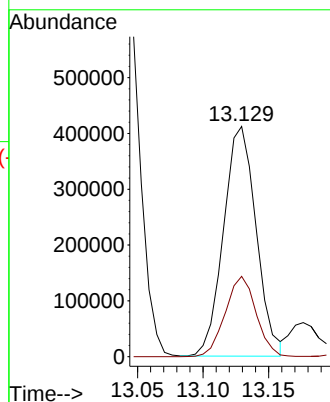
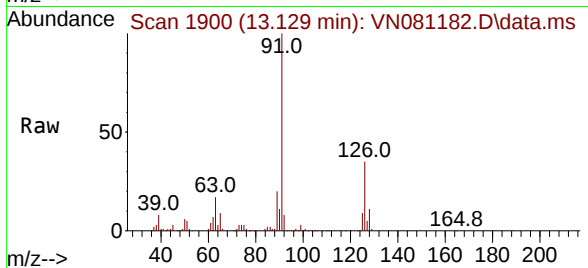
#79
2-Chlorotoluene
Concen: 48.758 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 712280
Ion Ratio Lower Upper
91 100
126 33.2 14.8 44.4

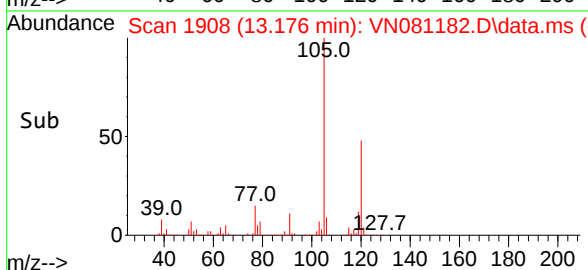
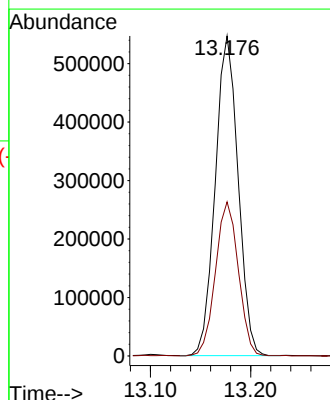
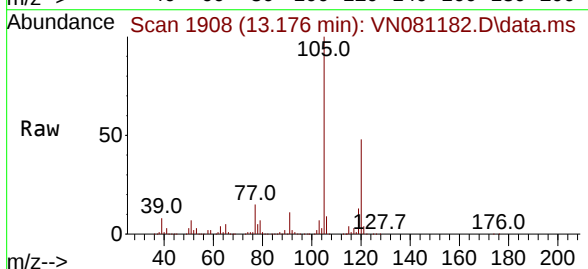
Manual Integrations
APPROVED

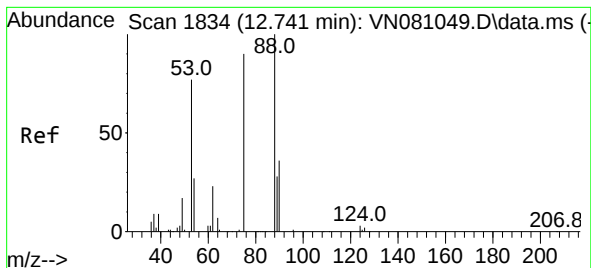
Reviewed By :John Carbone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.572 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

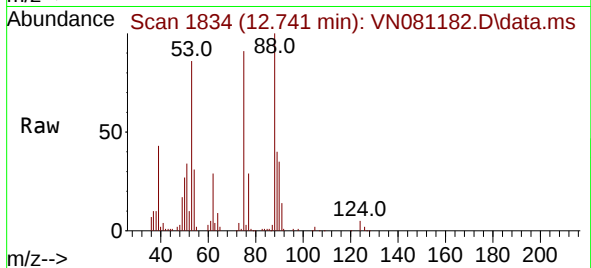
Tgt Ion:105 Resp: 865085
Ion Ratio Lower Upper
105 100
120 48.5 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 45.982 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

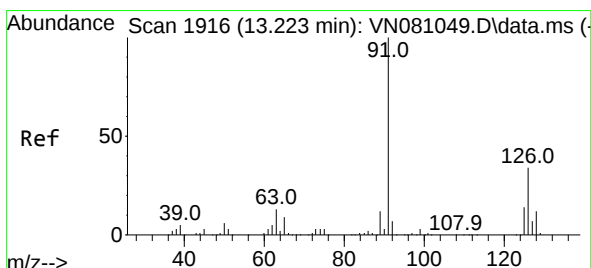
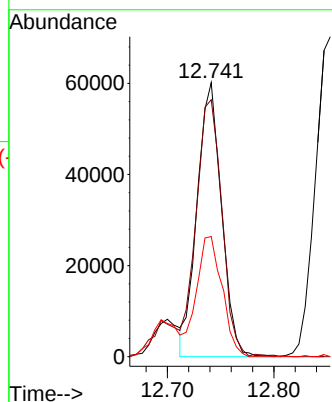
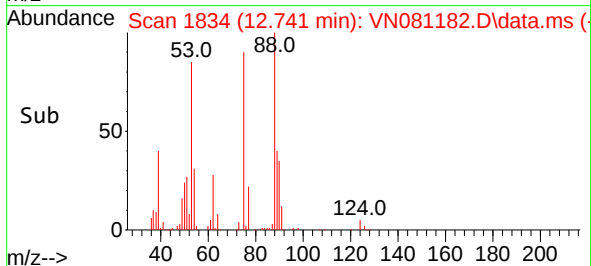
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 95978
Ion Ratio Lower Upper
75 100
53 99.3 71.4 107.2
89 46.5 33.4 50.0

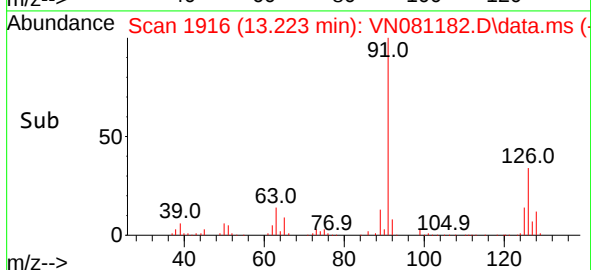
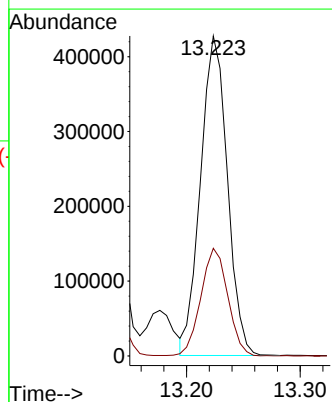
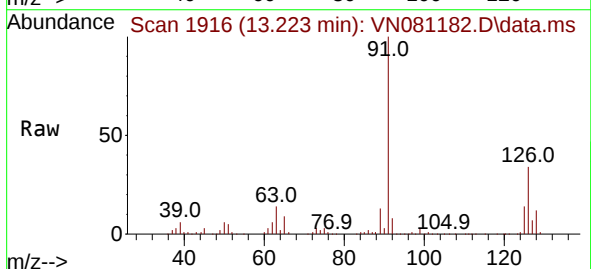
Manual Integrations
APPROVED

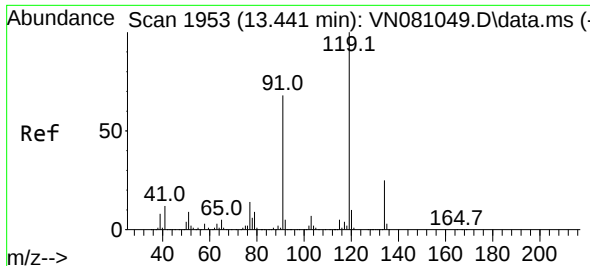
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#82
4-Chlorotoluene
Concen: 49.126 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

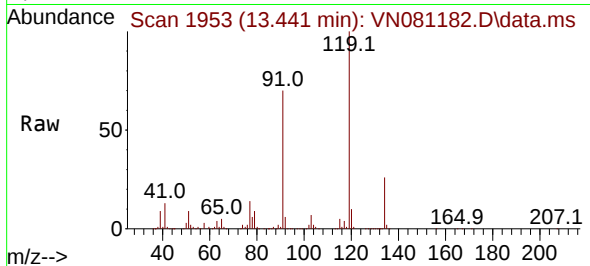
Tgt Ion: 91 Resp: 701714
Ion Ratio Lower Upper
91 100
126 33.9 15.3 45.9





#83
tert-Butylbenzene
Concen: 50.809 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

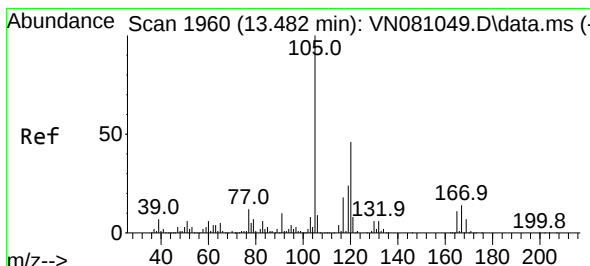
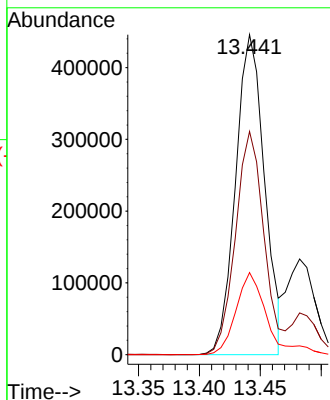
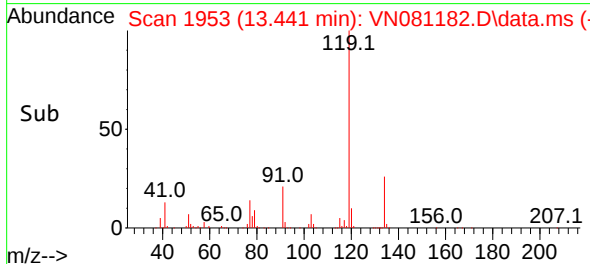
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



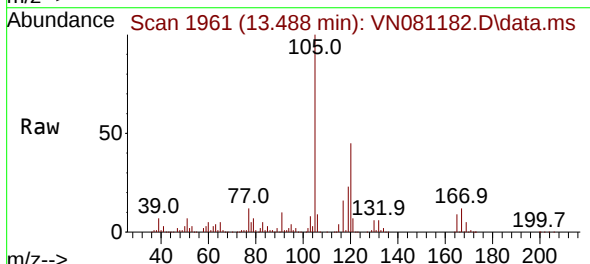
Tgt Ion:119 Resp: 73695
Ion Ratio Lower Upper
119 100
91 69.3 36.8 110.4
134 27.4 12.4 37.4

Manual Integrations
APPROVED

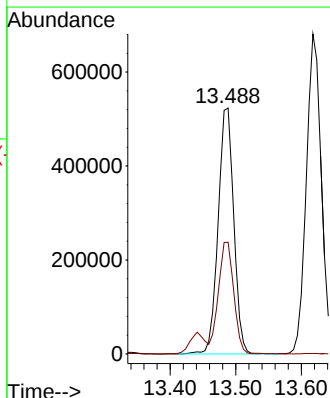
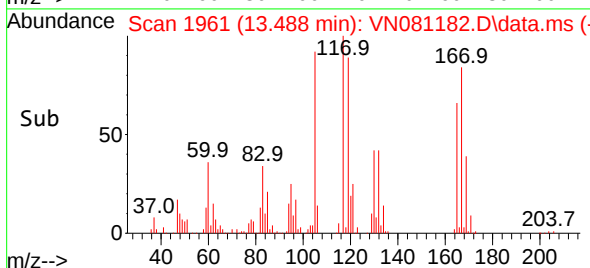
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

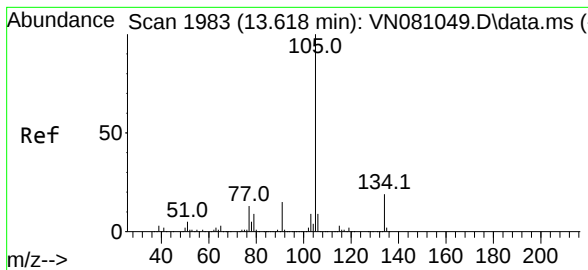


#84
1,2,4-Trimethylbenzene
Concen: 51.709 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33



Tgt Ion:105 Resp: 864325
Ion Ratio Lower Upper
105 100
120 44.4 20.9 62.7





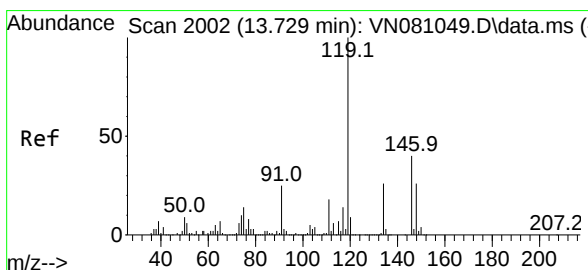
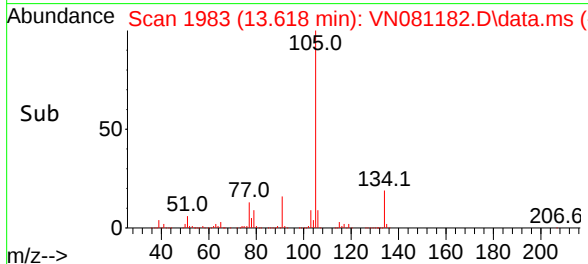
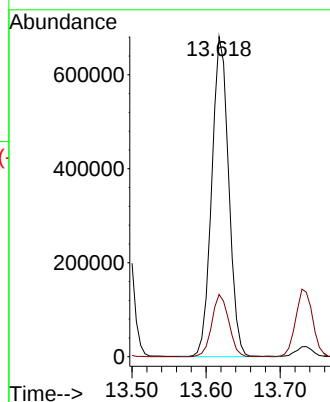
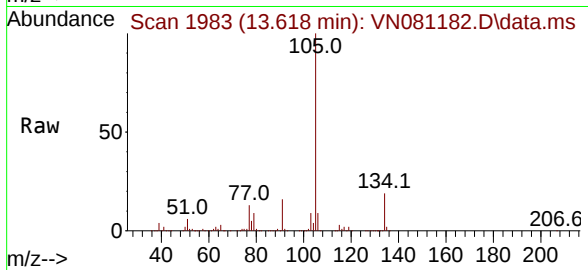
#85
 sec-Butylbenzene
 Concen: 53.627 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081182.D
 Acq: 24 Feb 2024 00:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 108134
 Ion Ratio Lower Upper
 105 100
 134 19.4 8.6 25.8

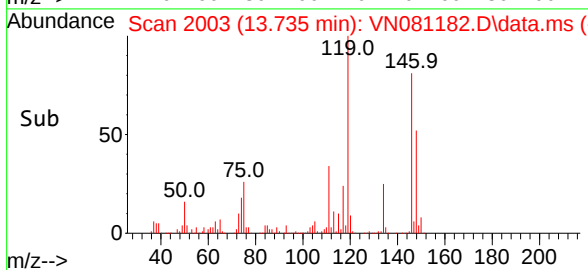
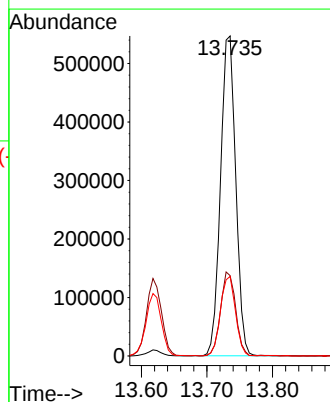
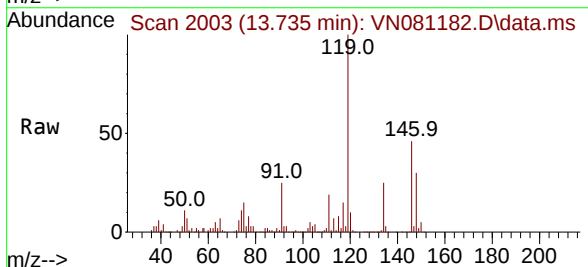
Manual Integrations
 APPROVED

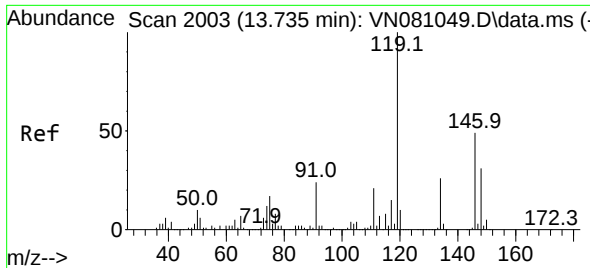
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#86
 p-Isopropyltoluene
 Concen: 52.379 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081182.D
 Acq: 24 Feb 2024 00:33

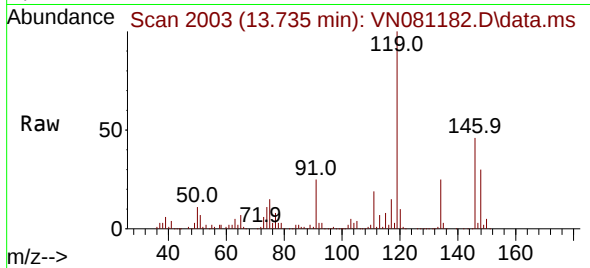
Tgt Ion:119 Resp: 877280
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.4 37.2
 91 24.4 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 48.074 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081182.D
 Acq: 24 Feb 2024 00:33

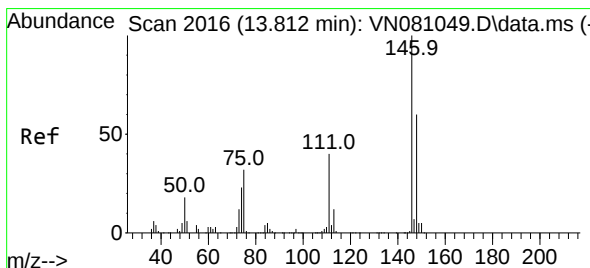
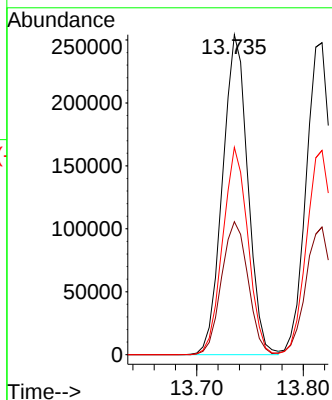
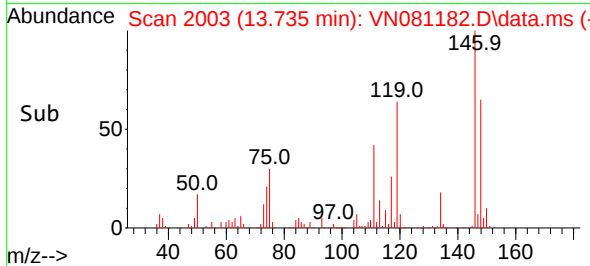
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



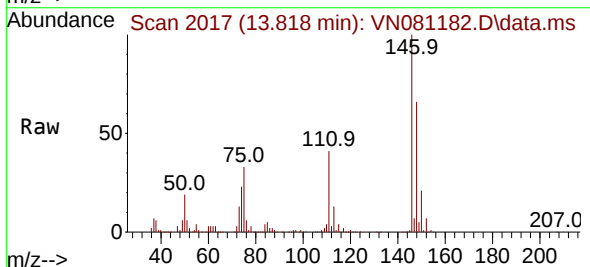
Tgt Ion:146 Resp: 419020
 Ion Ratio Lower Upper
 146 100
 111 43.6 23.9 71.7
 148 64.6 32.6 97.7

Manual Integrations
 APPROVED

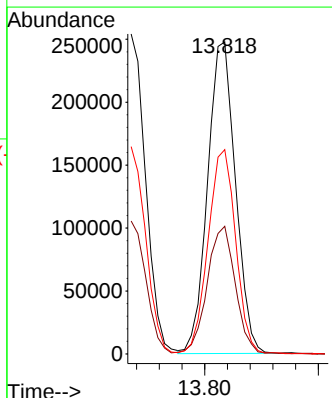
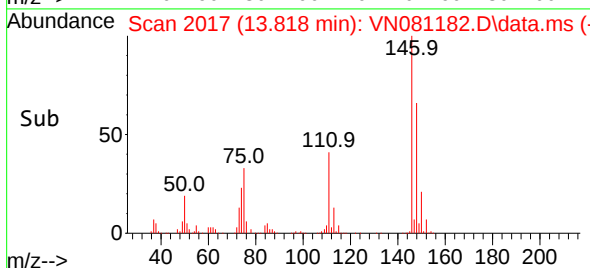
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

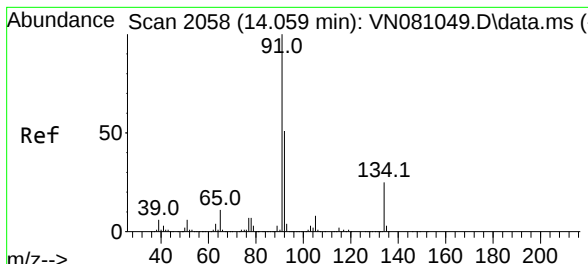


#88
 1,4-Dichlorobenzene
 Concen: 49.280 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN081182.D
 Acq: 24 Feb 2024 00:33



Tgt Ion:146 Resp: 422059
 Ion Ratio Lower Upper
 146 100
 111 41.4 22.6 67.7
 148 65.2 31.9 95.5





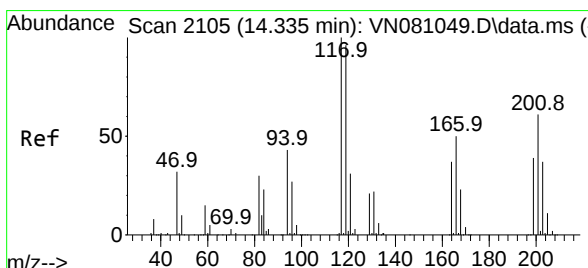
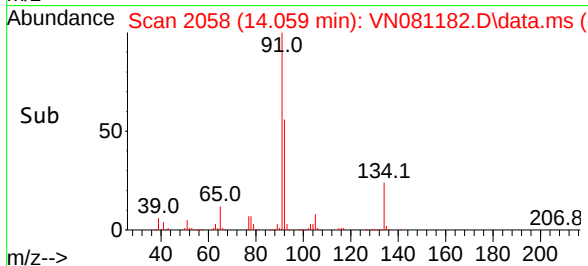
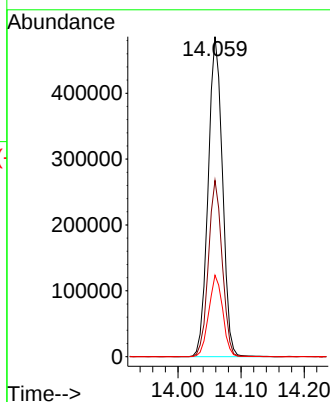
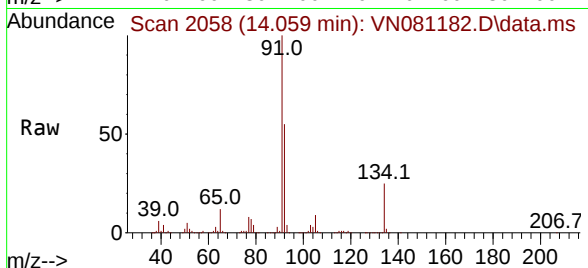
#89
n-Butylbenzene
Concen: 52.363 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 76405
Ion Ratio Lower Upper
91 100
92 53.2 26.7 80.1
134 24.9 10.8 32.4

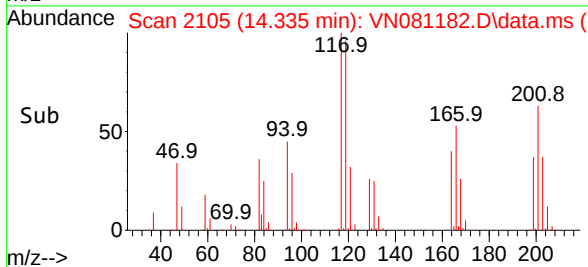
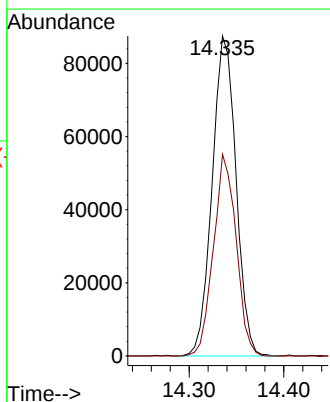
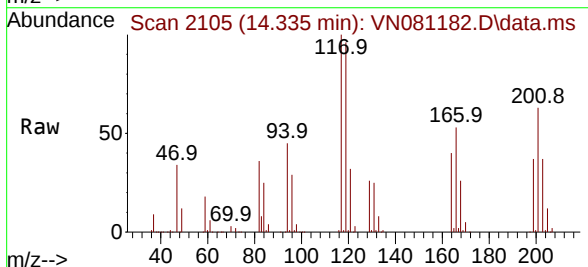
Manual Integrations
APPROVED

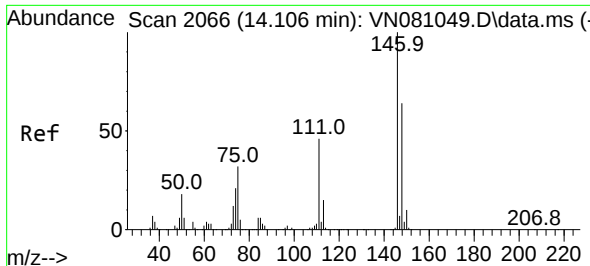
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#90
Hexachloroethane
Concen: 55.340 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

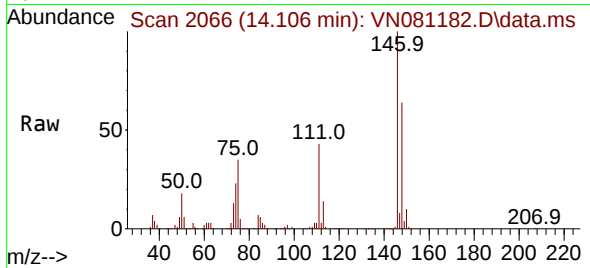
Tgt Ion:117 Resp: 153205
Ion Ratio Lower Upper
117 100
201 60.0 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 49.338 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33

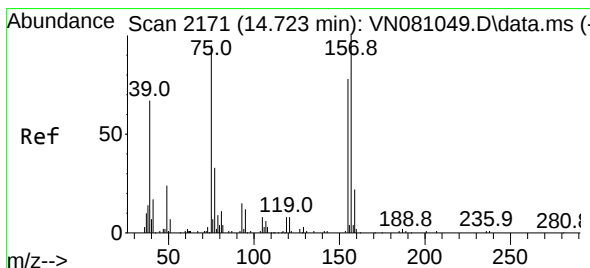
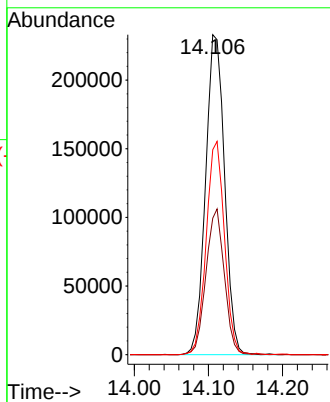
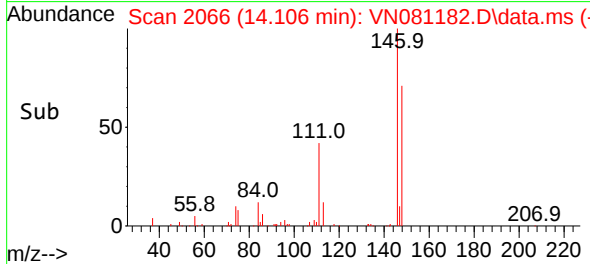
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



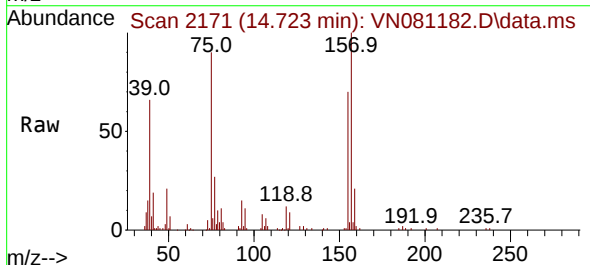
Tgt Ion:146 Resp: 414762
Ion Ratio Lower Upper
146 100
111 44.0 23.9 71.8
148 64.0 31.4 94.0

Manual Integrations
APPROVED

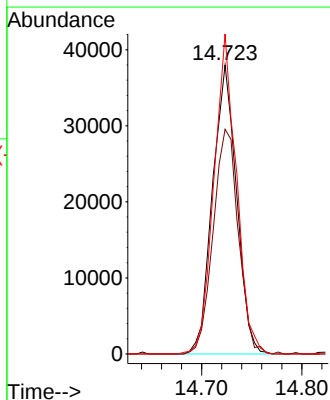
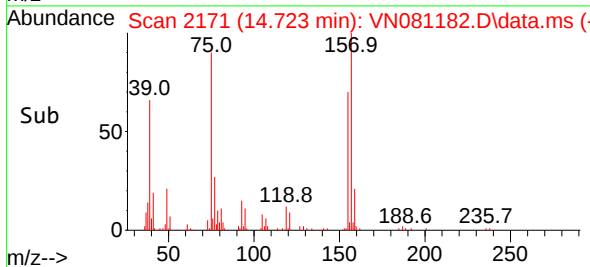
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

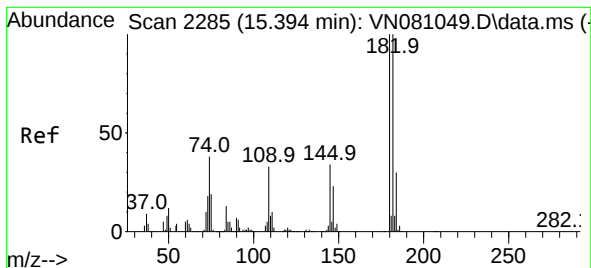


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.027 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081182.D
Acq: 24 Feb 2024 00:33



Tgt Ion: 75 Resp: 62927
Ion Ratio Lower Upper
75 100
155 81.7 31.8 95.4
157 103.9 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 48.352 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081182.D

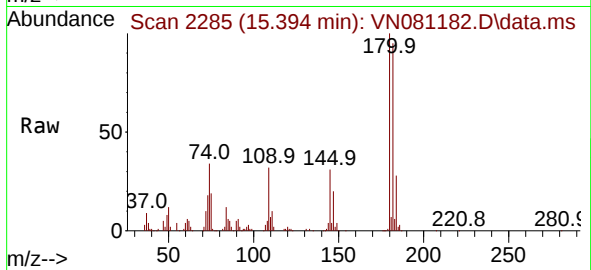
Acq: 24 Feb 2024 00:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 22676

Ion Ratio Lower Upper

180 100

182 94.8 46.6 139.7

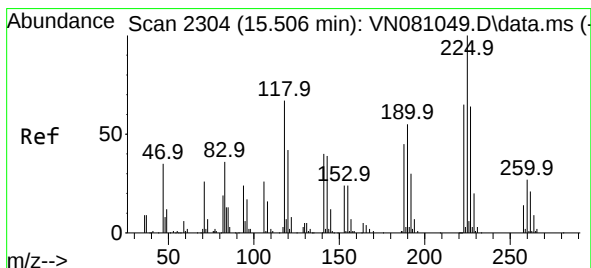
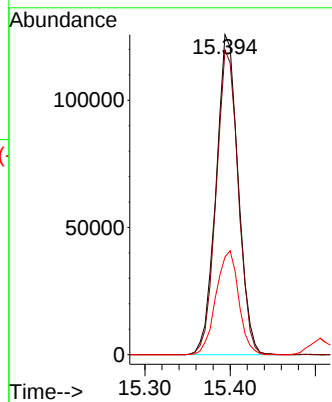
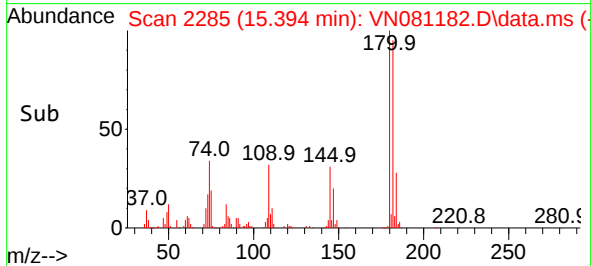
145 33.3 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#94

Hexachlorobutadiene

Concen: 46.573 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN081182.D

Acq: 24 Feb 2024 00:33

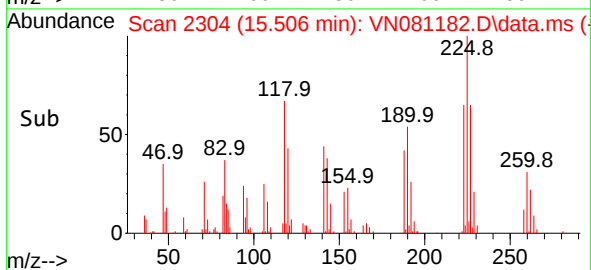
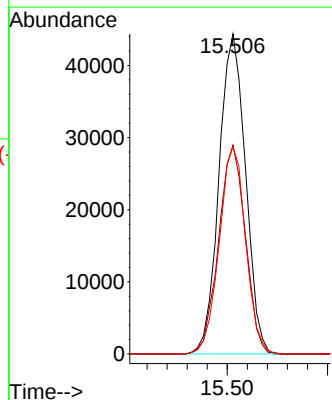
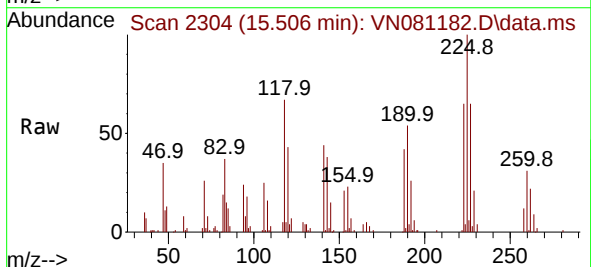
Tgt Ion:225 Resp: 81460

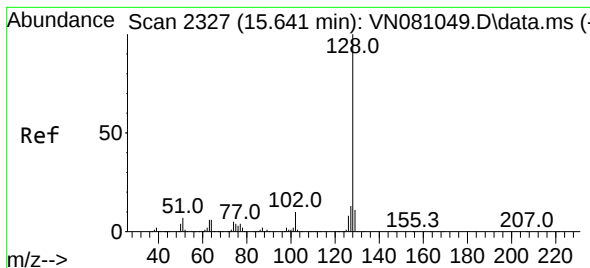
Ion Ratio Lower Upper

225 100

223 65.9 33.3 99.8

227 64.4 33.1 99.2





#95

Naphthalene

Concen: 51.006 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN081182.D

Acq: 24 Feb 2024 00:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 876600

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

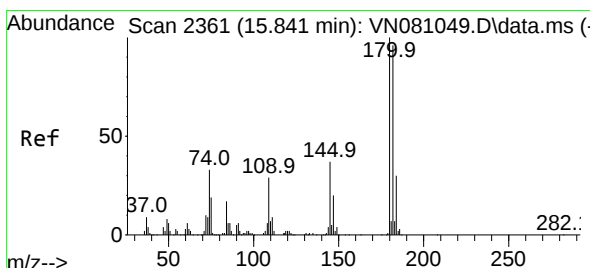
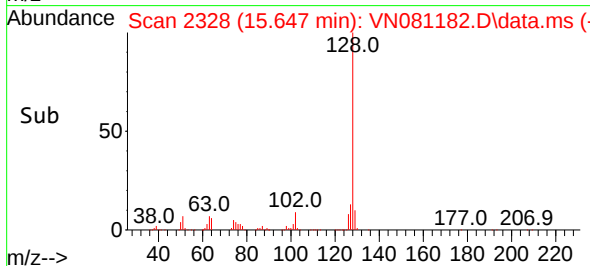
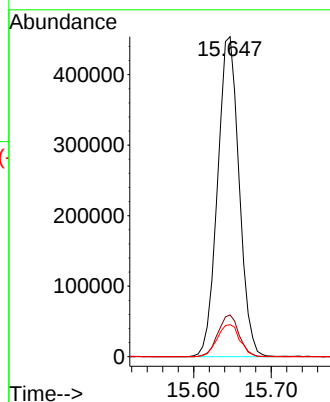
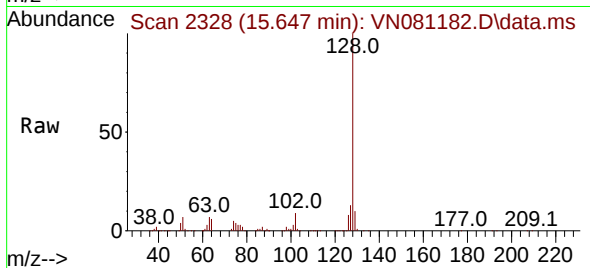
129 10.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 50.377 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081182.D

Acq: 24 Feb 2024 00:33

Tgt Ion:180 Resp: 234380

Ion Ratio Lower Upper

180 100

182 93.9 46.5 139.3

145 34.8 17.8 53.4

