

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081149.D
 Acq On : 22 Feb 2024 20:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 23 04:33:47 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

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	339824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	617012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	559012	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	250559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	193192	46.381	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.760%		
35) Dibromofluoromethane	8.171	113	168527	48.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.600%		
50) Toluene-d8	10.571	98	556807	44.933	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.860%		
62) 4-Bromofluorobenzene	12.853	95	219856	47.216	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	219661	49.983	ug/l	98
3) Chloromethane	2.365	50	211766	44.018	ug/l	96
4) Vinyl Chloride	2.512	62	229869	47.090	ug/l	92
5) Bromomethane	2.947	94	138681	39.998	ug/l	90
6) Chloroethane	3.118	64	154242	48.849	ug/l	95
7) Trichlorofluoromethane	3.495	101	349663	49.031	ug/l	99
8) Diethyl Ether	3.959	74	127823	49.025	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	193439	48.657	ug/l	92
10) Methyl Iodide	4.594	142	217304	48.969	ug/l	93
11) Tert butyl alcohol	5.518	59	219583	286.656	ug/l	99
12) 1,1-Dichloroethene	4.336	96	184683	48.057	ug/l	93
13) Acrolein	4.183	56	100019	243.612	ug/l	98
14) Allyl chloride	5.024	41	267208	46.862	ug/l	# 90
15) Acrylonitrile	5.718	53	539929	269.886	ug/l	98
16) Acetone	4.424	43	378098	230.695	ug/l	100
17) Carbon Disulfide	4.712	76	460383	42.951	ug/l	96
18) Methyl Acetate	5.018	43	244514	61.157	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	679484	51.624	ug/l	98
20) Methylene Chloride	5.277	84	217378	51.293	ug/l	87
21) trans-1,2-Dichloroethene	5.788	96	202247	47.170	ug/l	91
22) Diisopropyl ether	6.671	45	672981	52.029	ug/l	# 94
23) Vinyl Acetate	6.606	43	2623478	249.987	ug/l	# 91
24) 1,1-Dichloroethane	6.565	63	383247	51.243	ug/l	98
25) 2-Butanone	7.482	43	678144	256.119	ug/l	96
26) 2,2-Dichloropropane	7.494	77	299992	42.808	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	240570	48.292	ug/l	87
28) Bromochloromethane	7.818	49	153500	49.506	ug/l	# 65
29) Tetrahydrofuran	7.835	42	469083	265.392	ug/l	# 87
30) Chloroform	7.971	83	403928	50.803	ug/l	100
31) Cyclohexane	8.259	56	325011	45.190	ug/l	# 79
32) 1,1,1-Trichloroethane	8.171	97	362583	50.073	ug/l	# 92
36) 1,1-Dichloropropene	8.377	75	286861	47.991	ug/l	96
37) Ethyl Acetate	7.559	43	284625	52.760	ug/l	97
38) Carbon Tetrachloride	8.365	117	315202	52.121	ug/l	99
39) Methylcyclohexane	9.606	83	340130	48.813	ug/l	90
40) Benzene	8.606	78	886431	51.234	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	159173	51.844	ug/l	97
42) 1,2-Dichloroethane	8.671	62	307548	50.950	ug/l	97
43) Isopropyl Acetate	8.688	43	500328	53.029	ug/l #	95
44) Trichloroethene	9.359	130	228382	49.560	ug/l	94
45) 1,2-Dichloropropane	9.624	63	223258	51.586	ug/l	99
46) Dibromomethane	9.712	93	159661	50.632	ug/l #	90
47) Bromodichloromethane	9.894	83	318197	53.279	ug/l #	98
48) Methyl methacrylate	9.682	41	226035	51.486	ug/l	89
49) 1,4-Dioxane	9.700	88	92583	1152.076	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1513663	278.889	ug/l	95
52) Toluene	10.635	92	561245	51.240	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	344462	51.902	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	364162	50.786	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	222510	52.818	ug/l	94
56) Ethyl methacrylate	10.876	69	349966	54.355	ug/l	87
57) 1,3-Dichloropropane	11.165	76	384352	52.765	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	831219	257.303	ug/l #	87
59) 2-Hexanone	11.200	43	1124223	261.270	ug/l	94
60) Dibromochloromethane	11.365	129	237669	53.105	ug/l	98
61) 1,2-Dibromoethane	11.470	107	229904	51.896	ug/l	97
64) Tetrachloroethene	11.106	164	202426	53.057	ug/l	94
65) Chlorobenzene	11.894	112	597683	49.401	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	225096	51.799	ug/l	98
67) Ethyl Benzene	11.965	91	1096377	50.642	ug/l	99
68) m/p-Xylenes	12.070	106	828334	99.820	ug/l	96
69) o-Xylene	12.400	106	410546	49.910	ug/l	97
70) Styrene	12.412	104	679039	52.095	ug/l	97
71) Bromoform	12.582	173	156005	56.585	ug/l #	96
73) Isopropylbenzene	12.700	105	1077757	49.163	ug/l	98
74) N-amyl acetate	12.494	43	458462	49.482	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	313150	50.800	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	291839m	51.264	ug/l	
77) Bromobenzene	12.982	156	241371	49.380	ug/l	75
78) n-propylbenzene	13.041	91	1262602	50.031	ug/l	95
79) 2-Chlorotoluene	13.129	91	742573	47.972	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	906303	50.989	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	105800	47.835	ug/l	92
82) 4-Chlorotoluene	13.223	91	743650	49.133	ug/l	94
83) tert-Butylbenzene	13.441	119	802774	52.233	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	903972	51.038	ug/l	97
85) sec-Butylbenzene	13.617	105	1116487	52.255	ug/l	94
86) p-Isopropyltoluene	13.735	119	923825	52.055	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	446832	48.381	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	450838	49.678	ug/l	97
89) n-Butylbenzene	14.059	91	807293	52.214	ug/l	97
90) Hexachloroethane	14.335	117	163541	55.749	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	434274	48.753	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	64548	50.364	ug/l	75
93) 1,2,4-Trichlorobenzene	15.394	180	252533	50.816	ug/l	99
94) Hexachlorobutadiene	15.506	225	90808	48.996	ug/l	98
95) Naphthalene	15.647	128	936292	51.414	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	252738	51.266	ug/l	99

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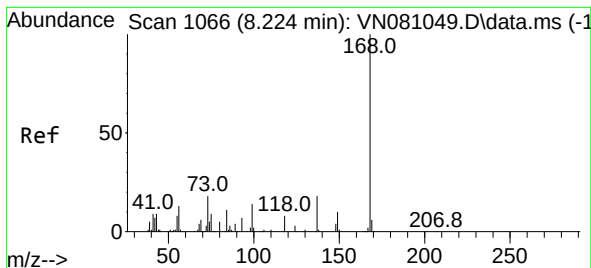
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/23/2024

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Response via : Initial Calibration

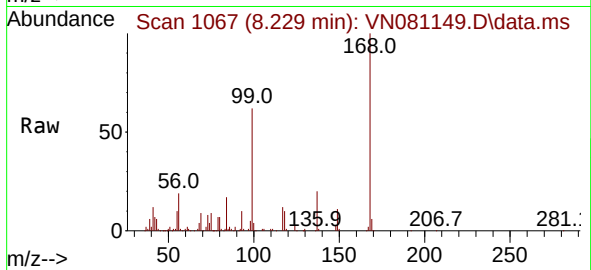
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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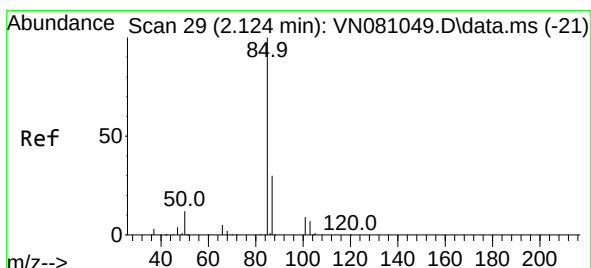
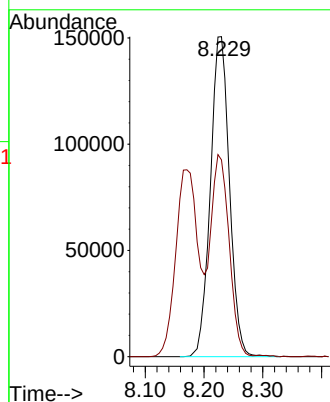
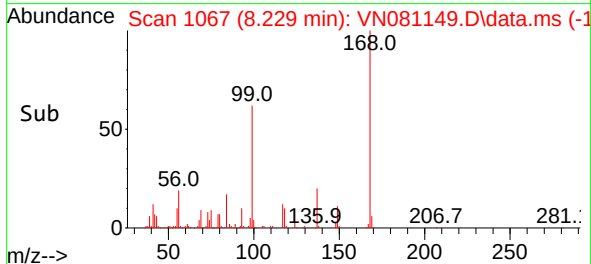
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 339824
Ion Ratio Lower Upper
168 100
99 61.5 59.9 89.9

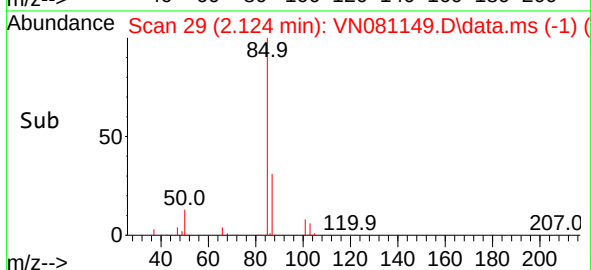
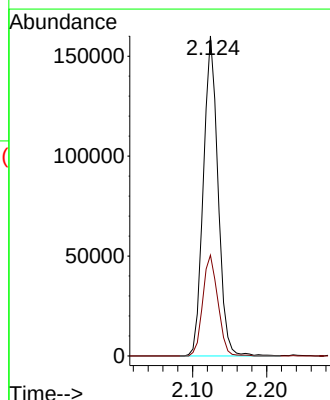
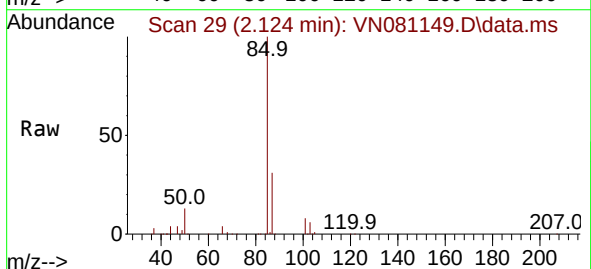
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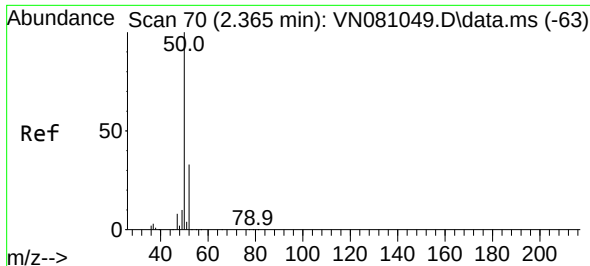
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#2
Dichlorodifluoromethane
Concen: 49.983 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

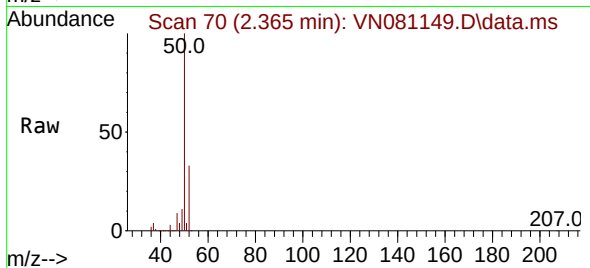
Tgt Ion: 85 Resp: 219661
Ion Ratio Lower Upper
85 100
87 31.5 15.3 45.9





#3
Chloromethane
Concen: 44.018 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

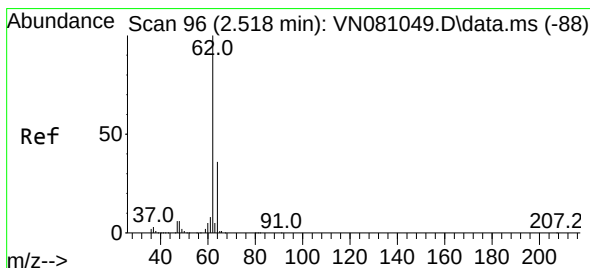
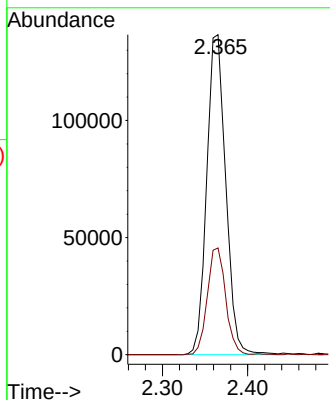
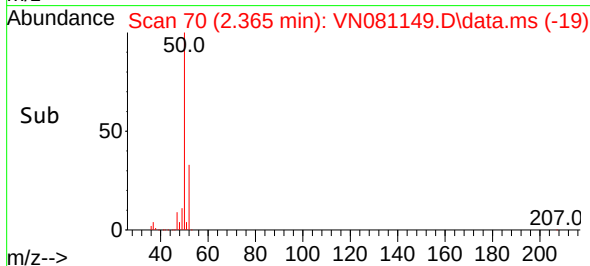
Instrument :
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Tgt Ion: 50 Resp: 211760
Ion Ratio Lower Upper
50 100
52 33.3 25.0 37.4

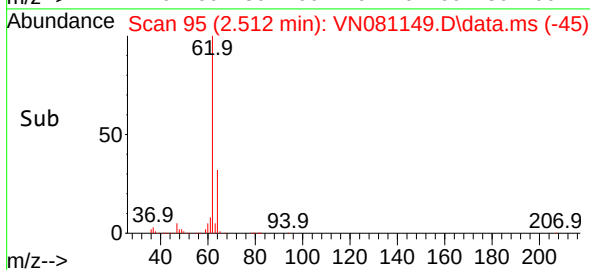
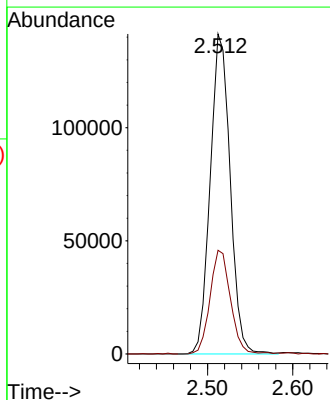
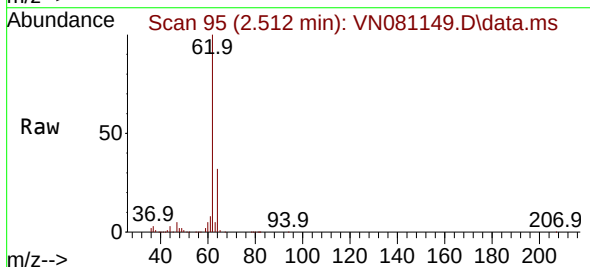
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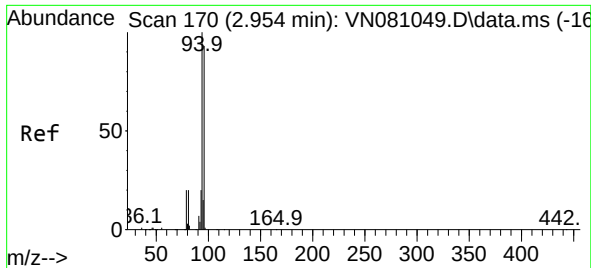
Reviewed By :John Carlone 02/23/2024
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#4
Vinyl Chloride
Concen: 47.090 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

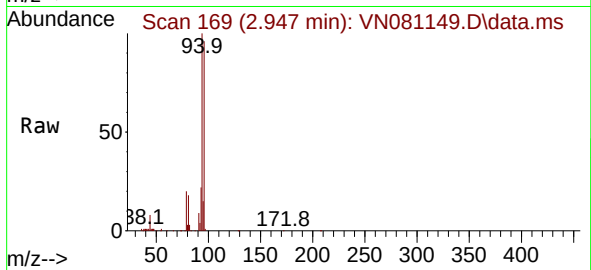
Tgt Ion: 62 Resp: 229869
Ion Ratio Lower Upper
62 100
64 32.4 22.7 34.1





#5
Bromomethane
Concen: 39.998 ug/l
RT: 2.947 min Scan# 10
Delta R.T. -0.007 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

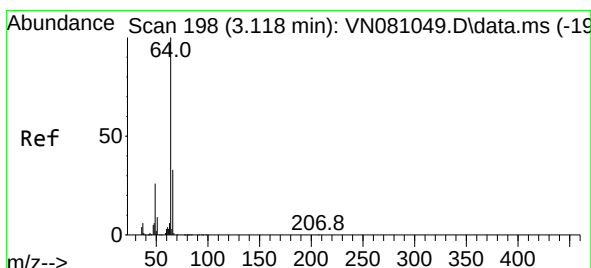
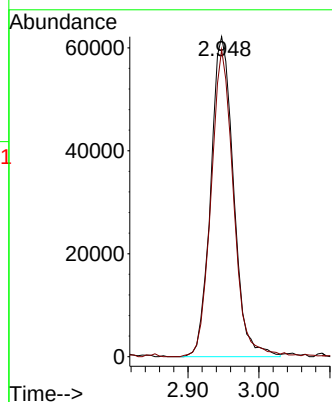
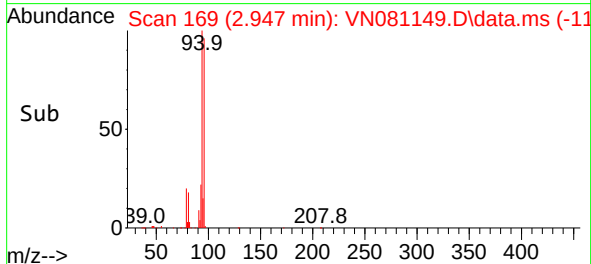
Instrument :
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Tgt Ion: 94 Resp: 13868
Ion Ratio Lower Upper
94 100
96 96.0 69.2 103.8

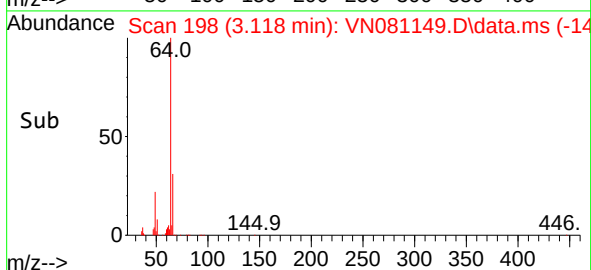
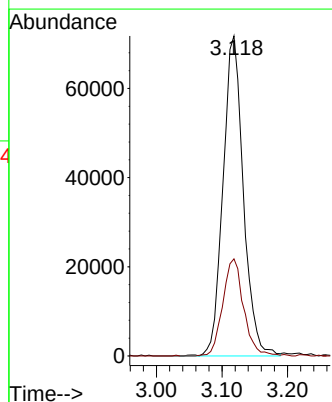
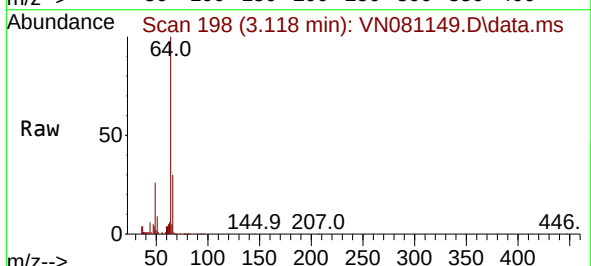
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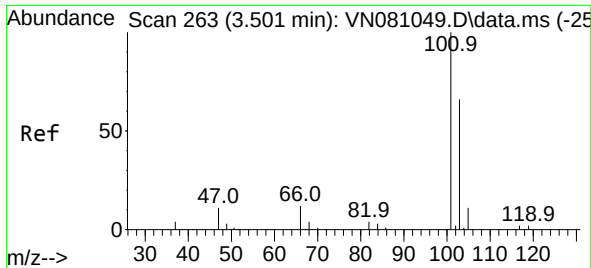
Reviewed By :John Carlone 02/23/2024
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#6
Chloroethane
Concen: 48.849 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081149.D
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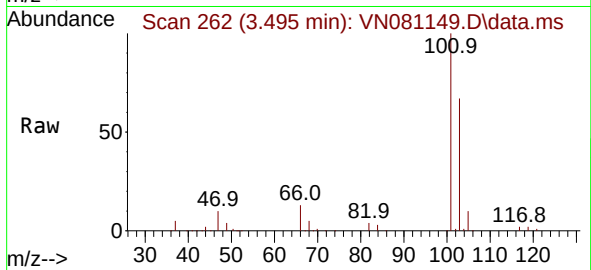
Tgt Ion: 64 Resp: 154242
Ion Ratio Lower Upper
64 100
66 30.4 26.4 39.6





#7
Trichlorofluoromethane
Concen: 49.031 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

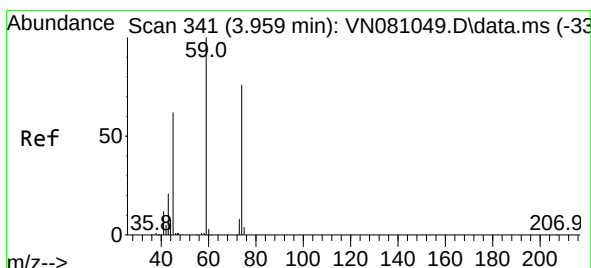
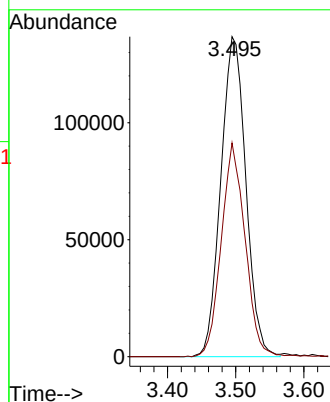
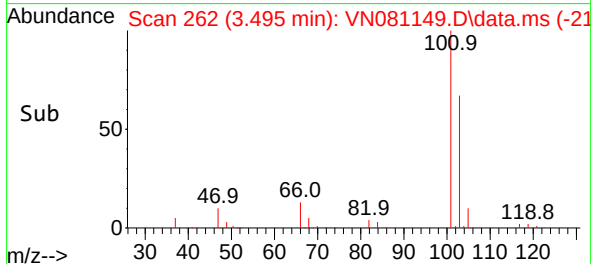
Instrument :
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VSTDCCC050EC



Tgt Ion:101 Resp: 34966
Ion Ratio Lower Upper
101 100
103 66.8 54.4 81.6

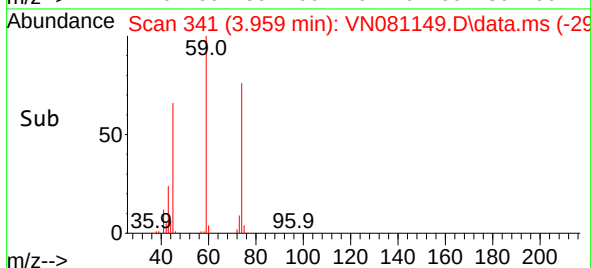
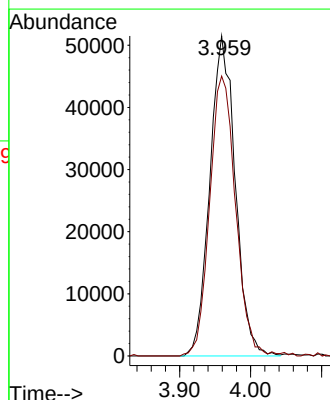
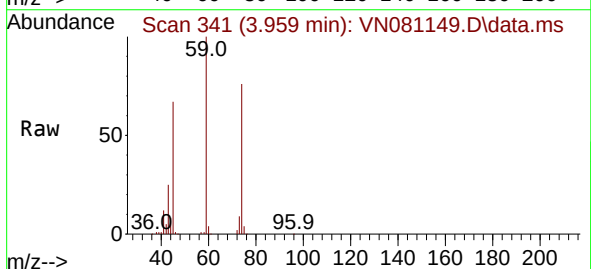
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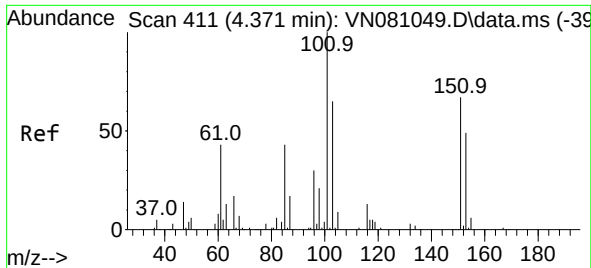
Reviewed By :John Carlone 02/23/2024
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#8
Diethyl Ether
Concen: 49.025 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 127823
Ion Ratio Lower Upper
74 100
45 88.7 53.3 159.9





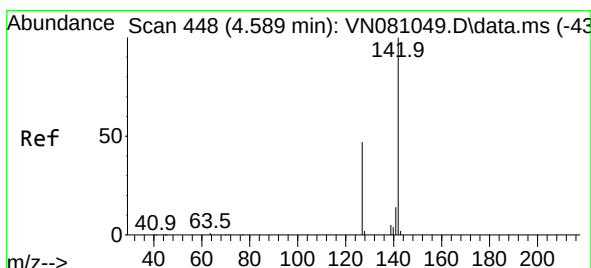
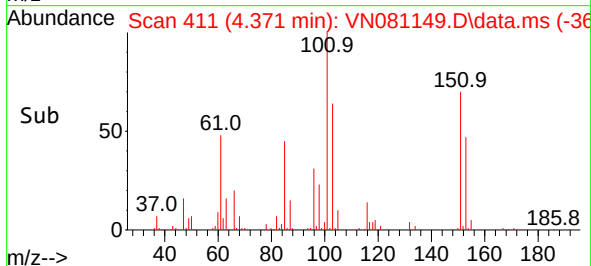
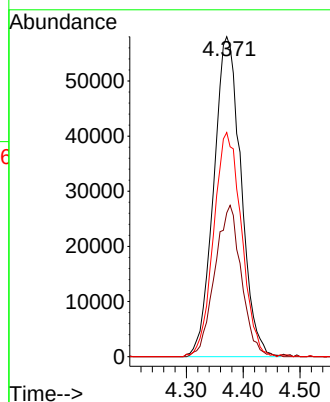
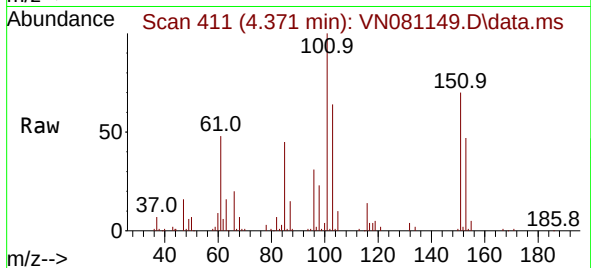
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.657 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 193439
Ion Ratio Lower Upper
101 100
85 46.1 38.1 57.1
151 71.5 49.1 73.7

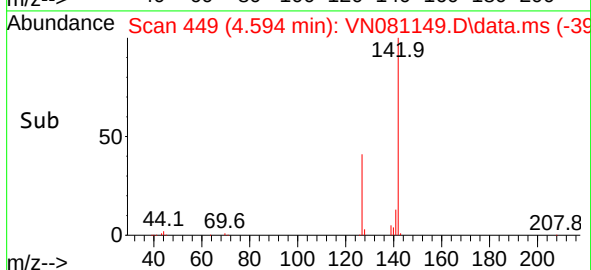
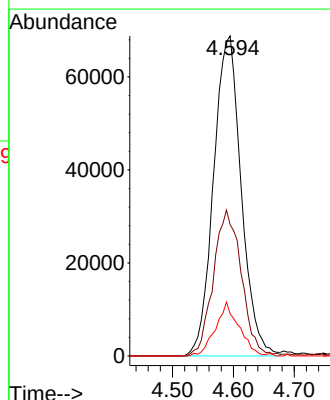
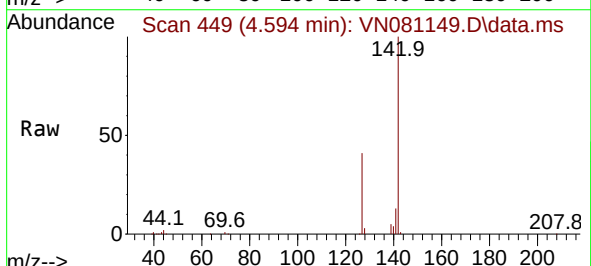
Manual Integrations
APPROVED

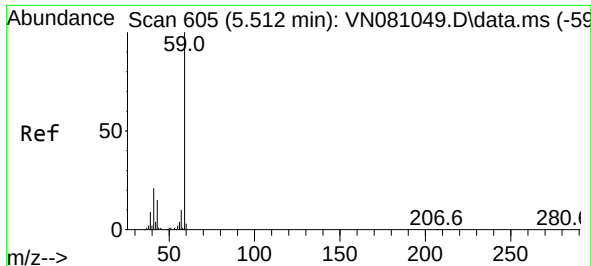
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#10
Methyl Iodide
Concen: 48.969 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

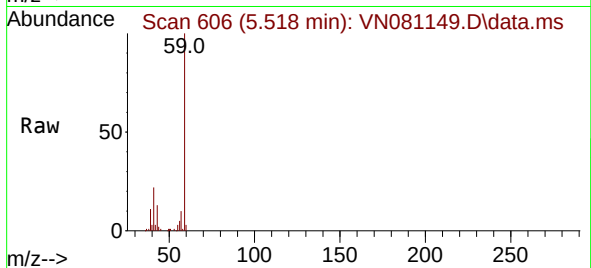
Tgt Ion:142 Resp: 217304
Ion Ratio Lower Upper
142 100
127 41.1 37.0 55.4
141 13.2 12.5 18.7





#11
Tert butyl alcohol
Concen: 286.656 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

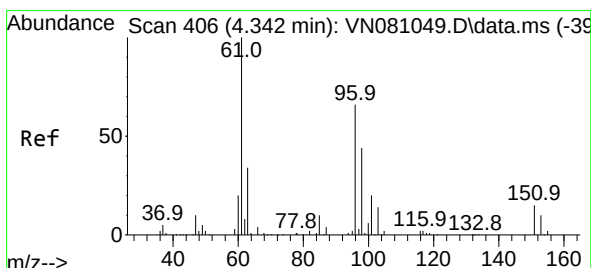
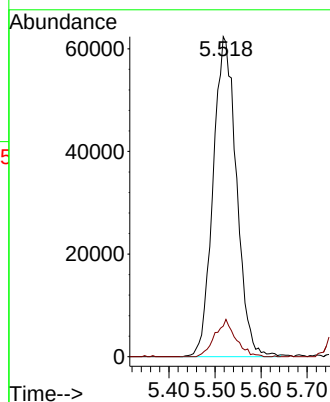
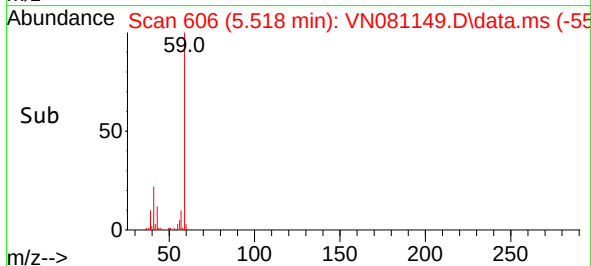
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



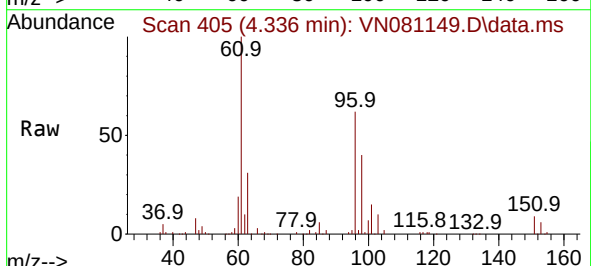
Tgt Ion: 59 Resp: 21958
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

Manual Integrations
APPROVED

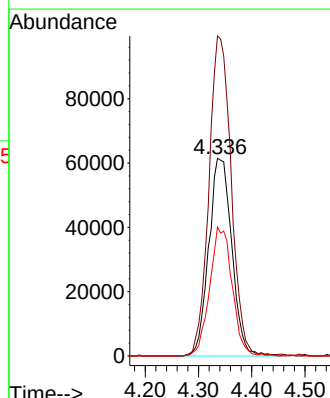
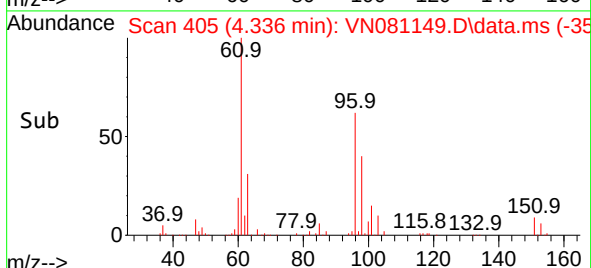
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

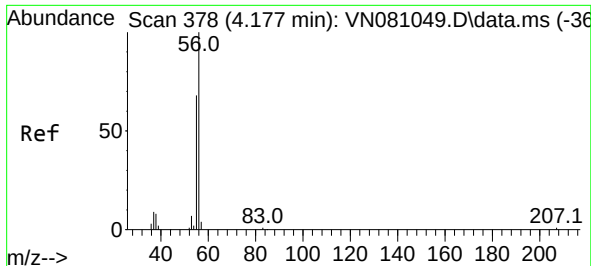


#12
1,1-Dichloroethene
Concen: 48.057 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47



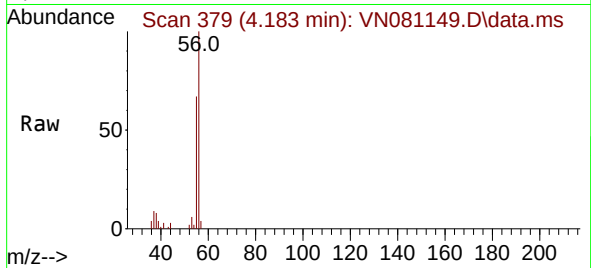
Tgt Ion: 96 Resp: 184683
Ion Ratio Lower Upper
96 100
61 161.9 138.2 207.4
98 65.3 49.2 73.8





#13
Acrolein
Concen: 243.612 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

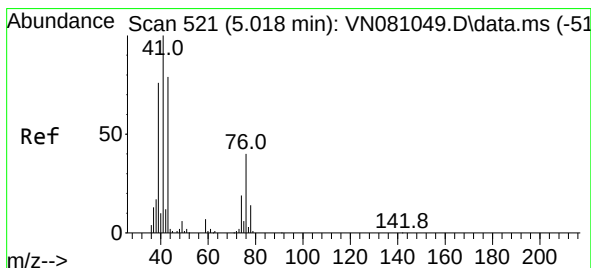
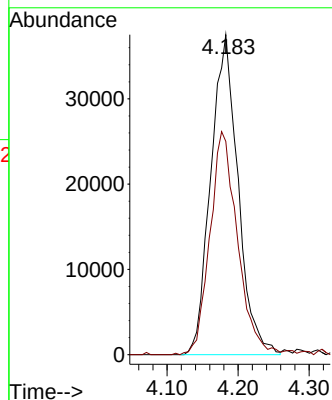
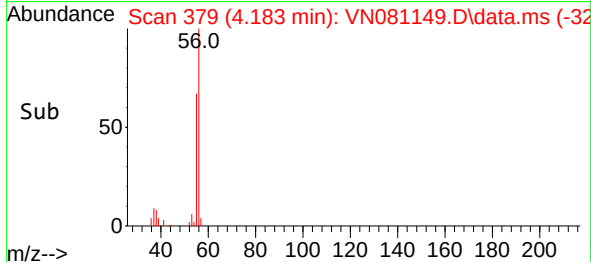
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 100019
Ion Ratio Lower Upper
56 100
55 70.3 55.3 82.9

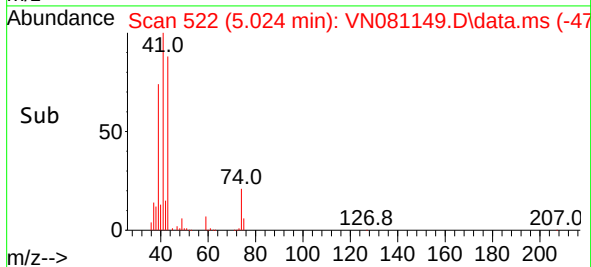
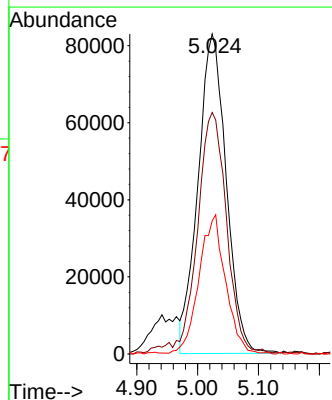
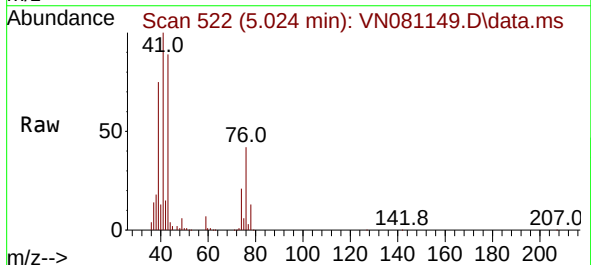
Manual Integrations
APPROVED

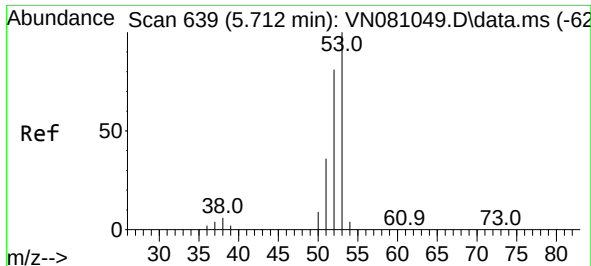
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#14
Allyl chloride
Concen: 46.862 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

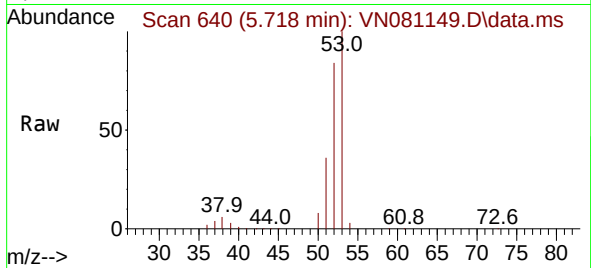
Tgt Ion: 41 Resp: 267208
Ion Ratio Lower Upper
41 100
39 79.2 57.7 86.5
76 41.2 26.8 40.2#





#15
Acrylonitrile
Concen: 269.886 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

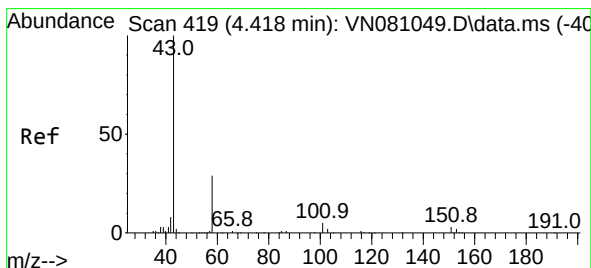
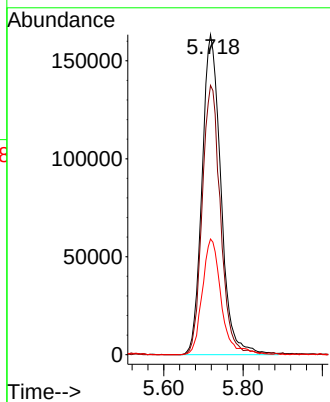
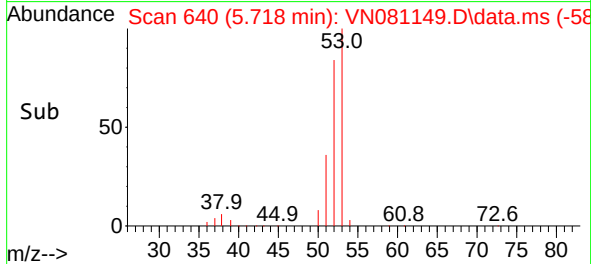
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 539929
Ion Ratio Lower Upper
53 100
52 81.8 64.8 97.2
51 36.3 26.9 40.3

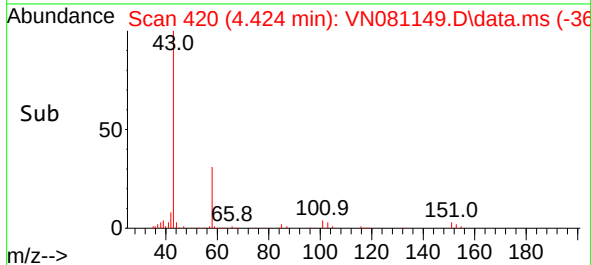
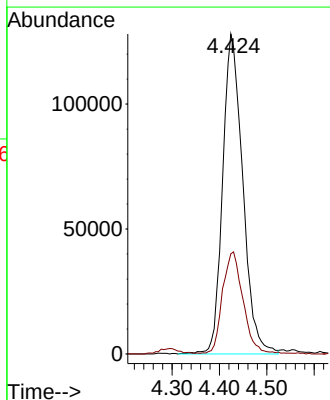
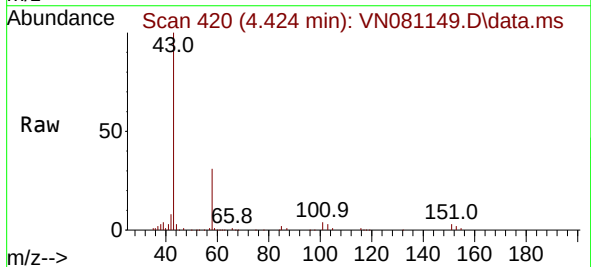
Manual Integrations
APPROVED

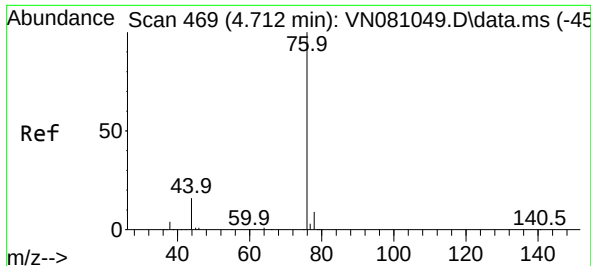
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#16
Acetone
Concen: 230.695 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

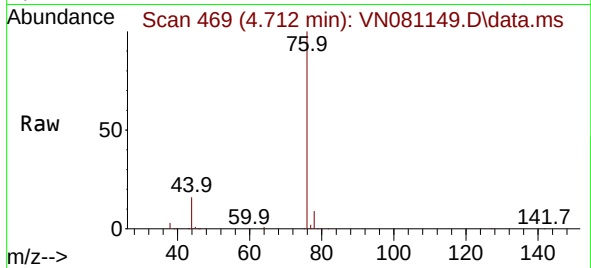
Tgt Ion: 43 Resp: 378098
Ion Ratio Lower Upper
43 100
58 30.8 24.8 37.2





#17
Carbon Disulfide
Concen: 42.951 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

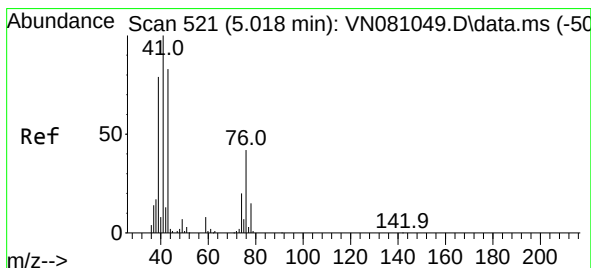
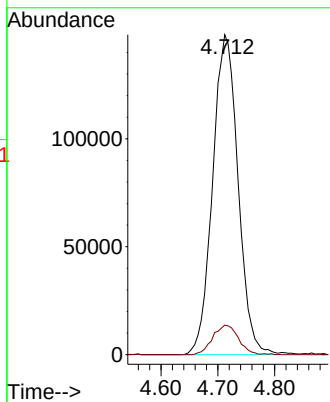
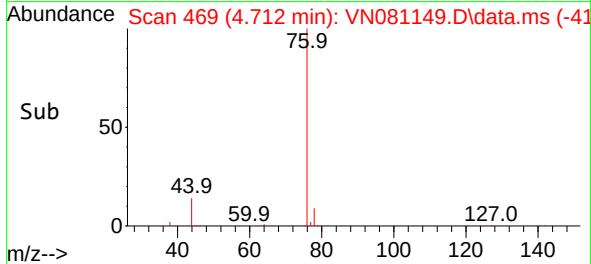
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 46038
Ion Ratio Lower Upper
76 100
78 9.3 6.3 9.5

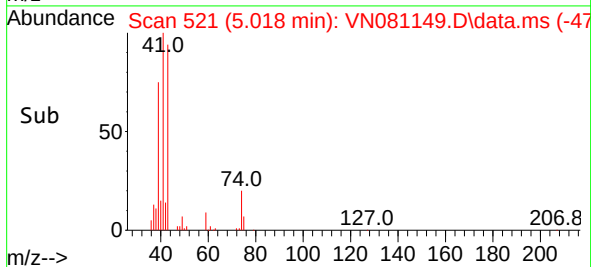
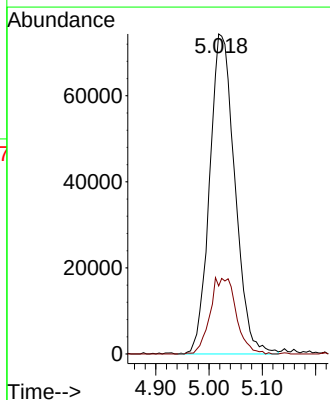
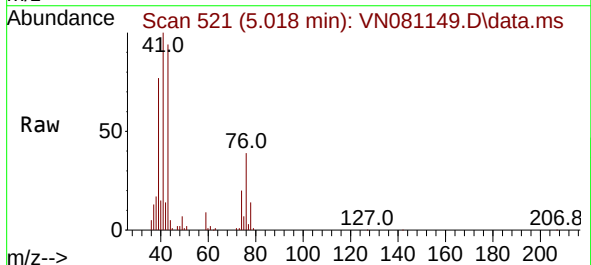
Manual Integrations
APPROVED

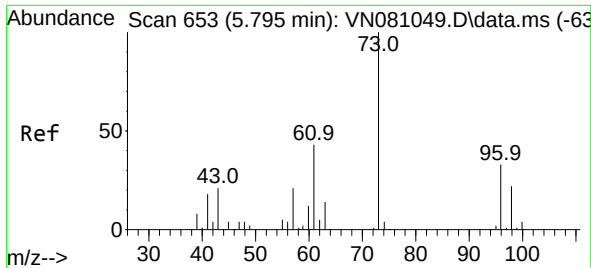
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#18
Methyl Acetate
Concen: 61.157 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

Tgt Ion: 43 Resp: 244514
Ion Ratio Lower Upper
43 100
74 24.6 17.3 25.9





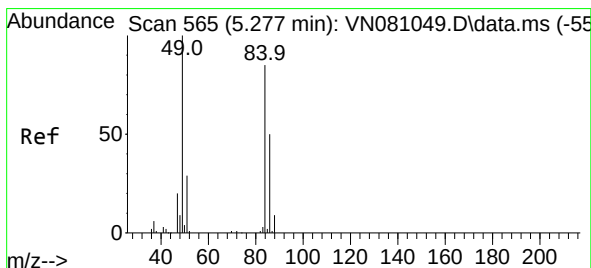
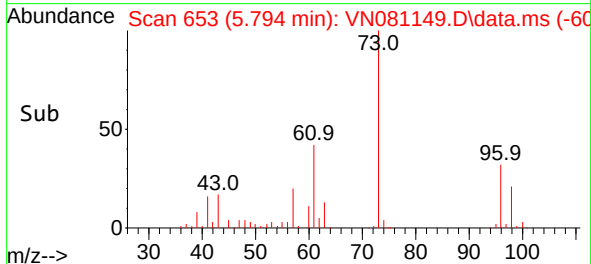
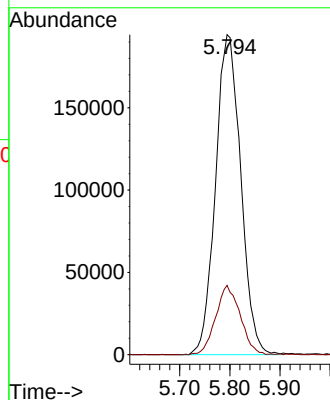
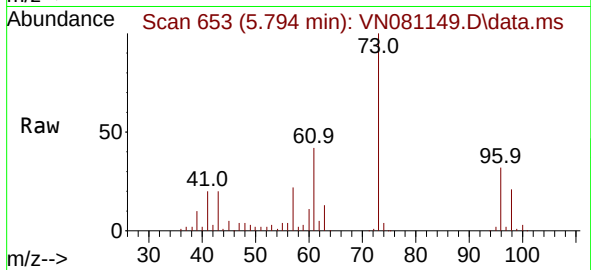
#19
Methyl tert-butyl Ether
Concen: 51.624 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 679484
Ion Ratio Lower Upper
73 100
57 21.6 18.2 27.4

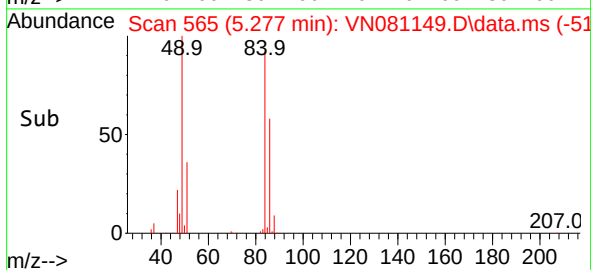
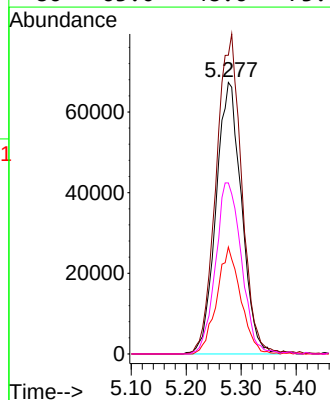
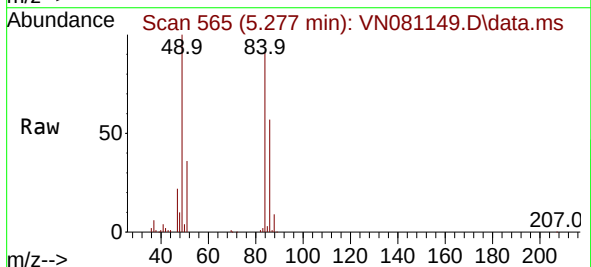
Manual Integrations
APPROVED

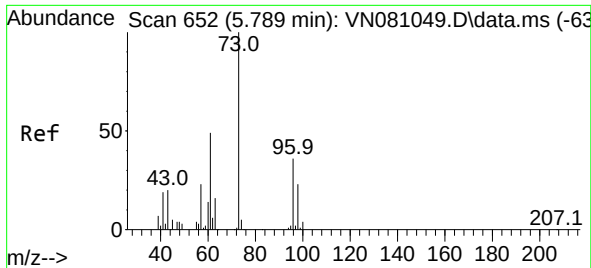
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#20
Methylene Chloride
Concen: 51.293 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

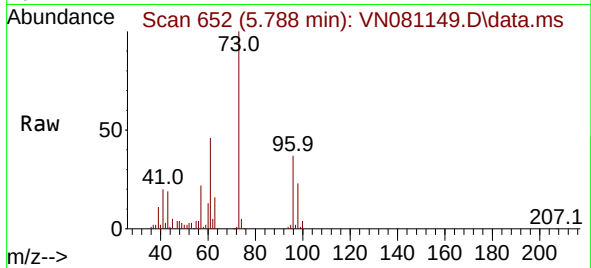
Tgt Ion: 84 Resp: 217378
Ion Ratio Lower Upper
84 100
49 110.0 108.1 162.1
51 39.4 32.9 49.3
86 63.0 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 47.170 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

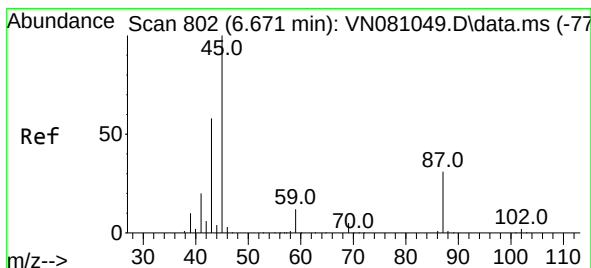
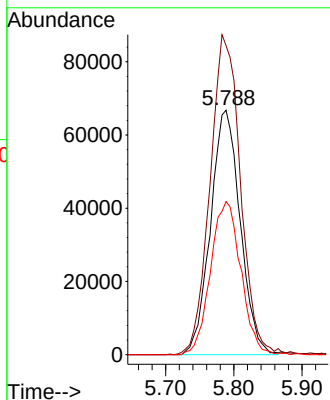
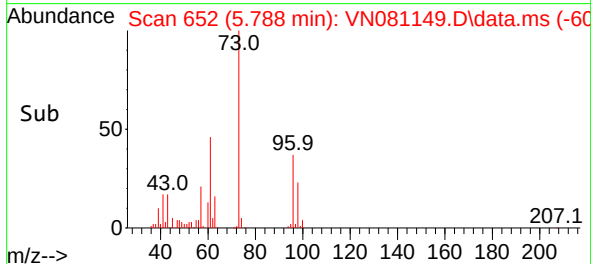
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 20224
Ion Ratio Lower Upper
96 100
61 126.1 112.8 169.2
98 62.7 51.0 76.4

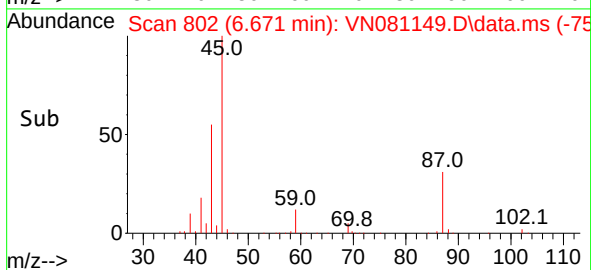
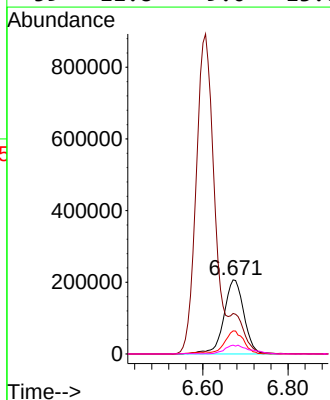
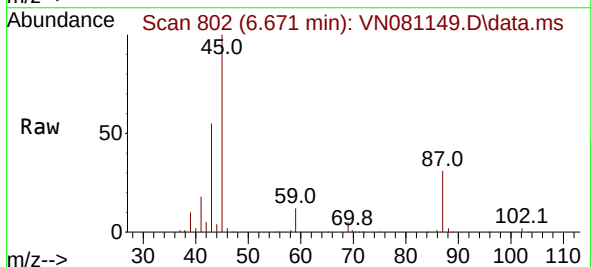
Manual Integrations
APPROVED

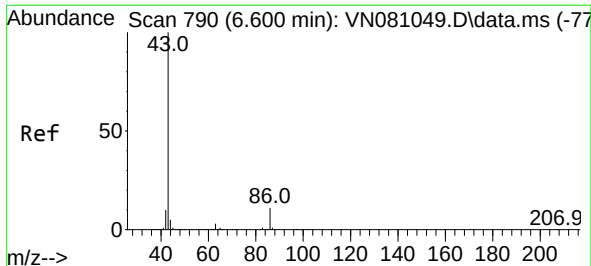
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#22
Diisopropyl ether
Concen: 52.029 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

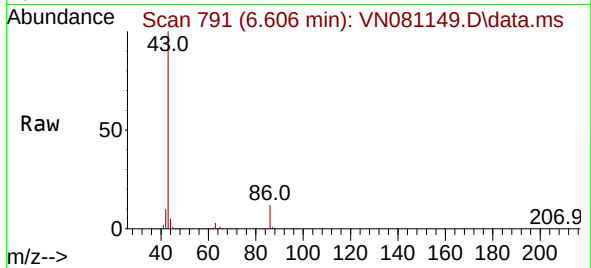
Tgt Ion: 45 Resp: 672981
Ion Ratio Lower Upper
45 100
43 54.0 41.8 62.8
87 31.2 18.1 27.1#
59 11.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 249.987 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN081149.D
 Acq: 22 Feb 2024 20:47

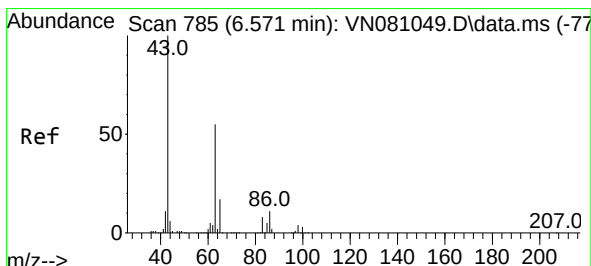
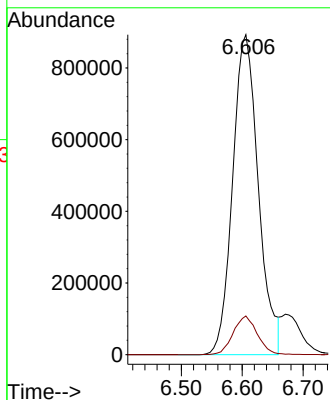
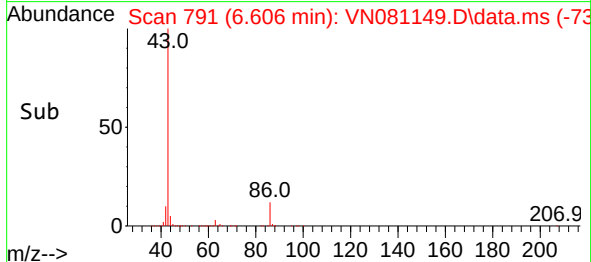
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2623478
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.1 10.7

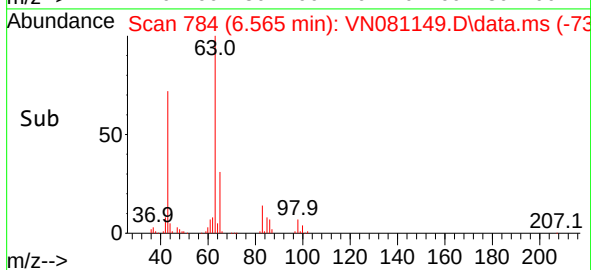
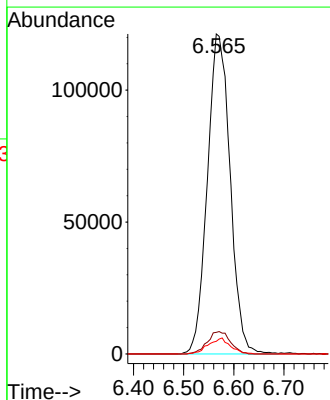
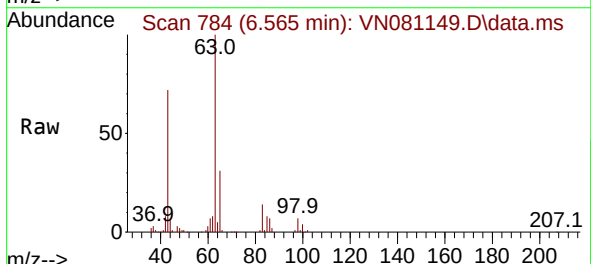
Manual Integrations
 APPROVED

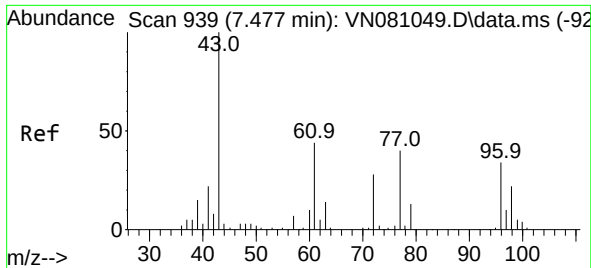
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#24
 1,1-Dichloroethane
 Concen: 51.243 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081149.D
 Acq: 22 Feb 2024 20:47

Tgt Ion: 63 Resp: 383247
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.6
 100 3.9 1.9 5.7





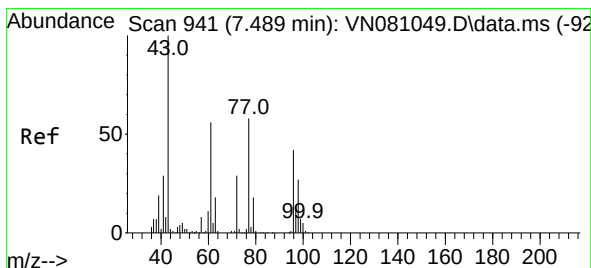
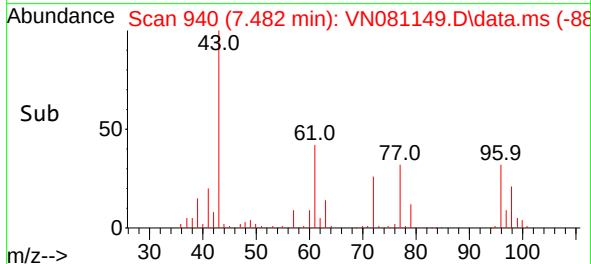
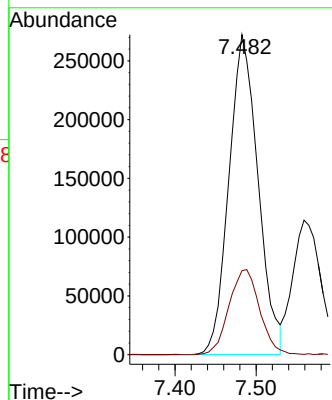
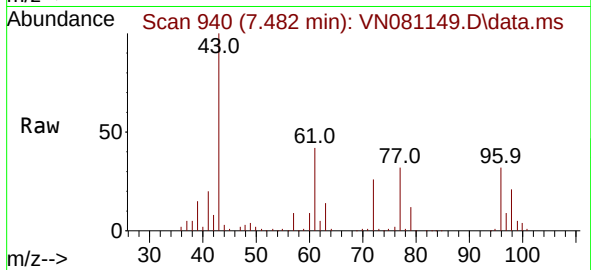
#25
2-Butanone
Concen: 256.119 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 678144
Ion Ratio Lower Upper
43 100
72 26.3 19.5 29.3

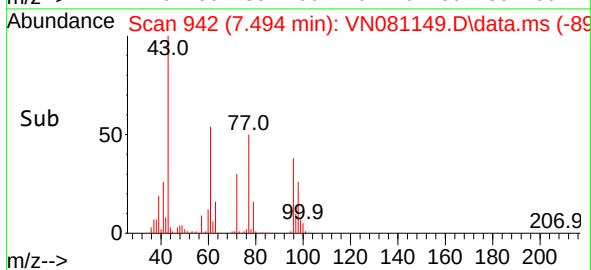
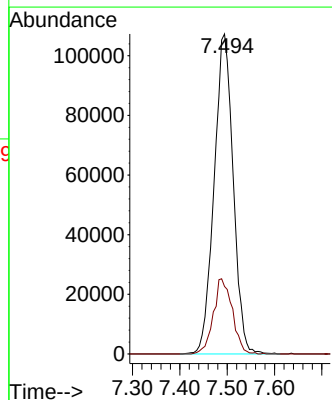
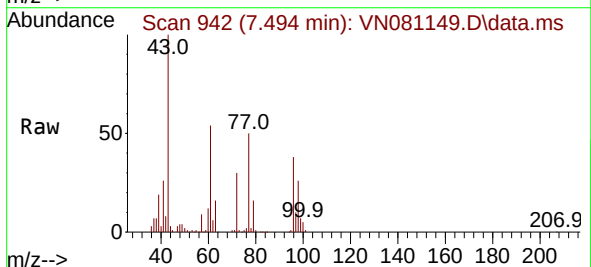
Manual Integrations
APPROVED

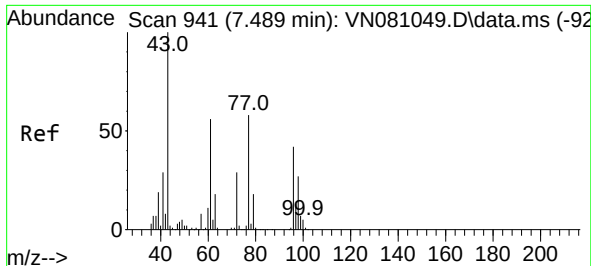
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#26
2,2-Dichloropropane
Concen: 42.808 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

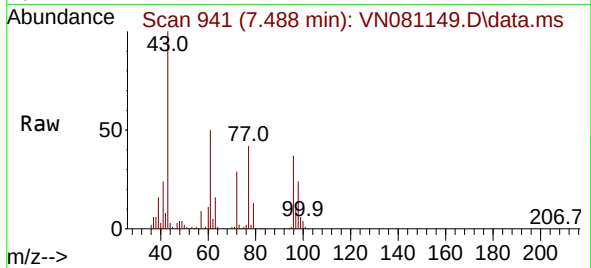
Tgt Ion: 77 Resp: 299992
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 48.292 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081149.D
 Acq: 22 Feb 2024 20:47

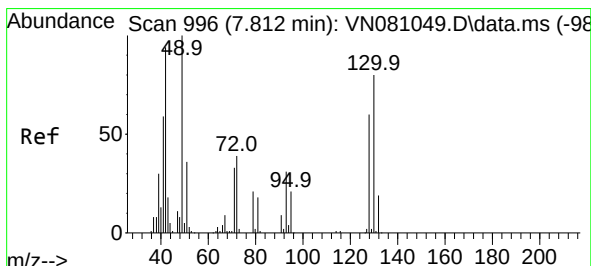
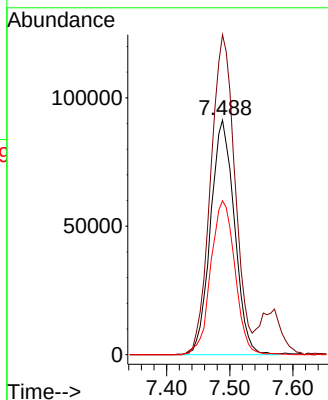
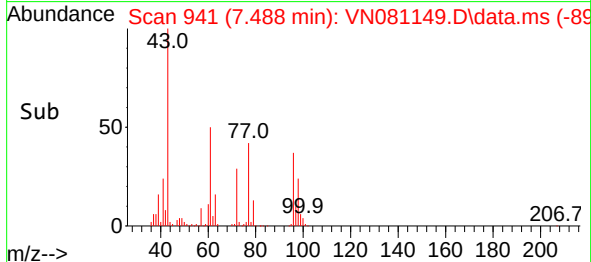
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 240570
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 325.4
 98 66.3 0.0 130.4

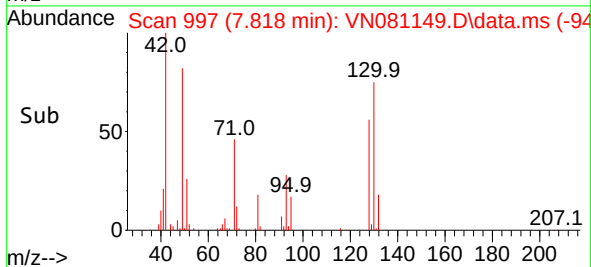
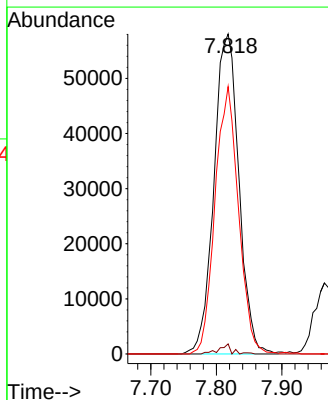
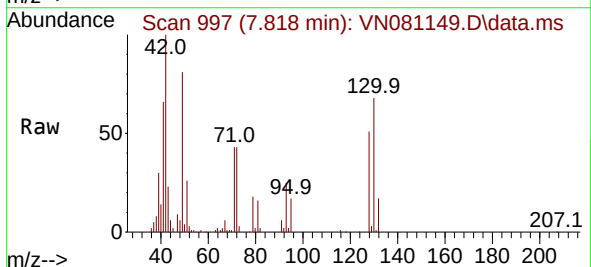
Manual Integrations
 APPROVED

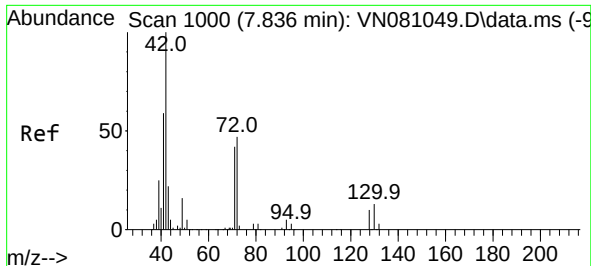
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#28
 Bromochloromethane
 Concen: 49.506 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081149.D
 Acq: 22 Feb 2024 20:47

Tgt Ion: 49 Resp: 153500
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 1.6
 130 78.3 42.3 63.5#





#29

Tetrahydrofuran

Concen: 265.392 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 46908

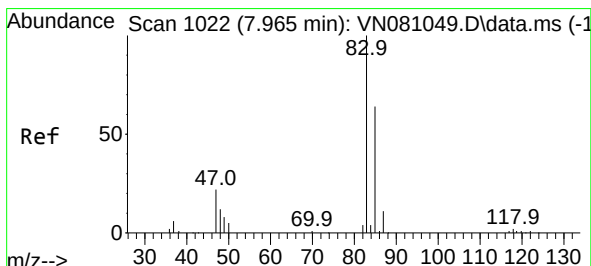
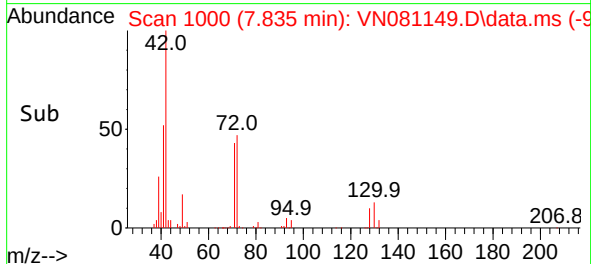
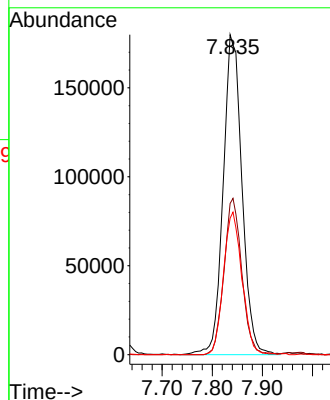
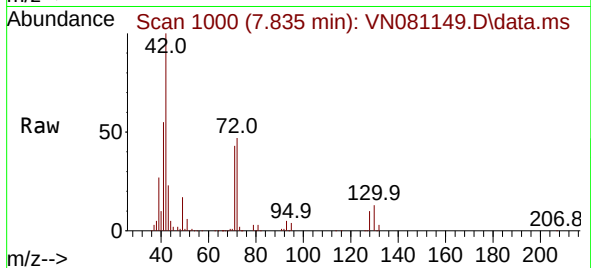
Ion	Ratio	Lower	Upper
42	100		
72	46.2	31.1	46.7
71	43.9	28.3	42.5

Manual Integrations

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Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#30

Chloroform

Concen: 50.803 ug/l

RT: 7.971 min Scan# 1023

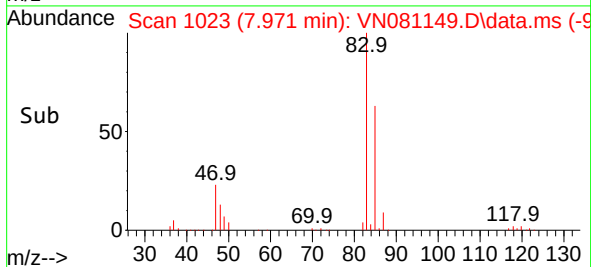
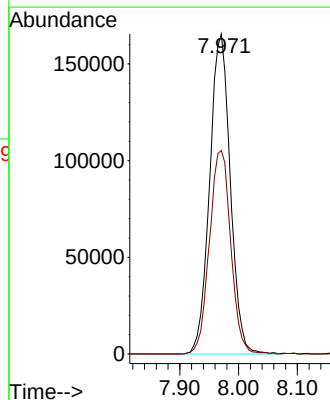
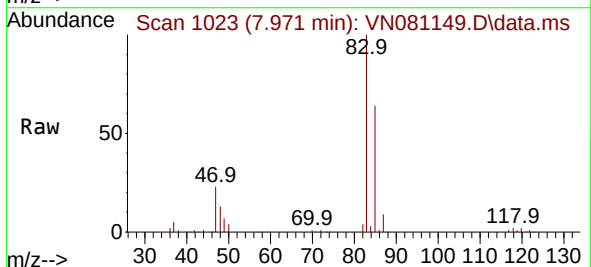
Delta R.T. 0.006 min

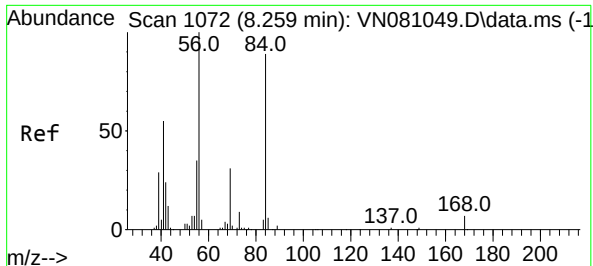
Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

Tgt Ion: 83 Resp: 403928

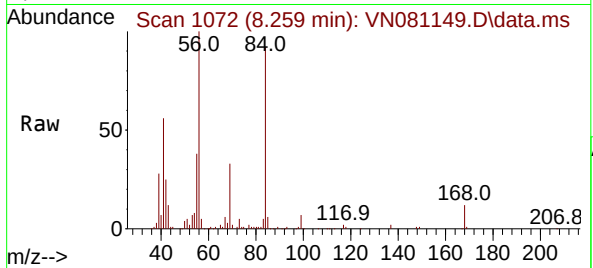
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.0	76.6





#31
Cyclohexane
Concen: 45.190 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

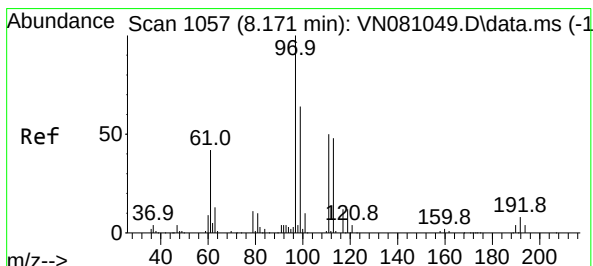
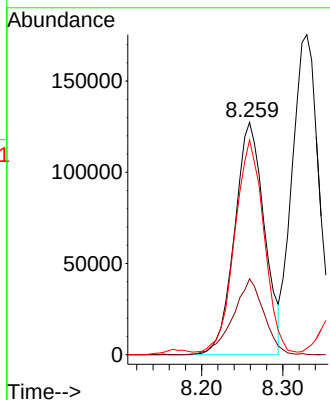
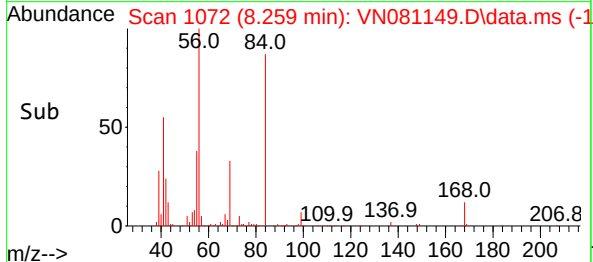
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



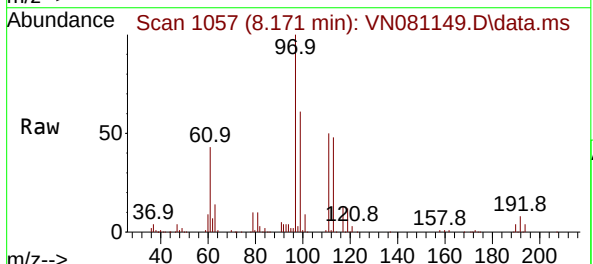
Tgt Ion: 56 Resp: 32501
Ion Ratio Lower Upper
56 100
69 32.7 20.1 30.1
84 90.5 56.9 85.3

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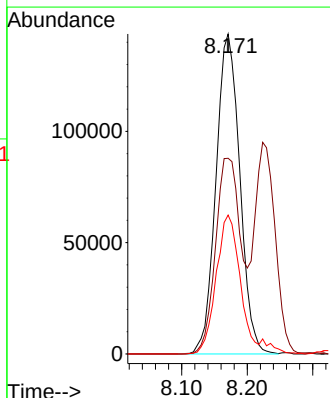
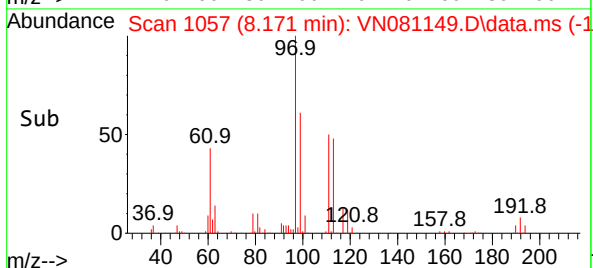
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

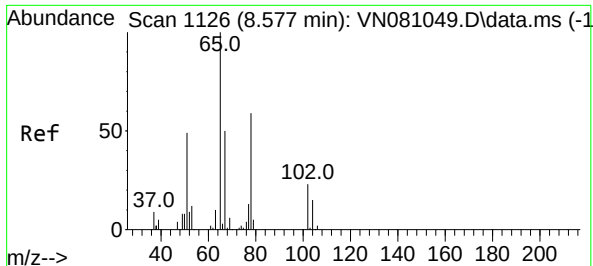


#32
1,1,1-Trichloroethane
Concen: 50.073 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47



Tgt Ion: 97 Resp: 362583
Ion Ratio Lower Upper
97 100
99 64.8 53.4 80.0
61 43.3 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 46.381 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 193192

Ion Ratio Lower Upper

65 100

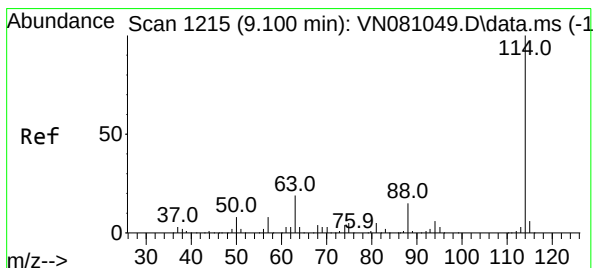
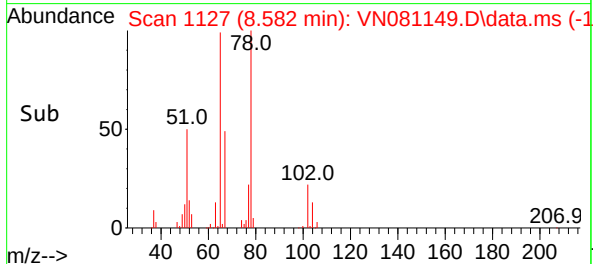
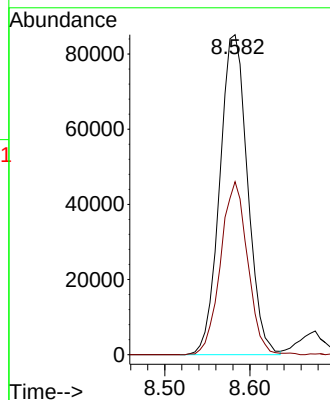
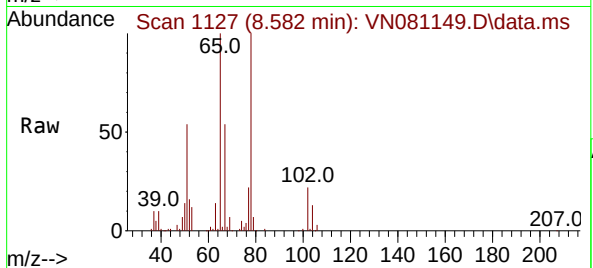
67 52.6 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

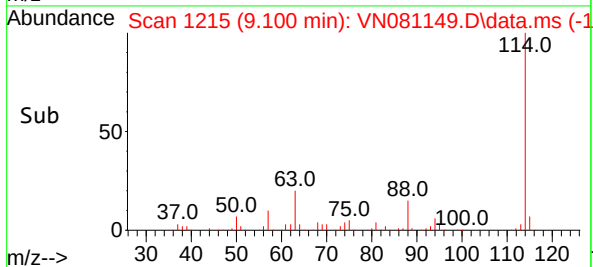
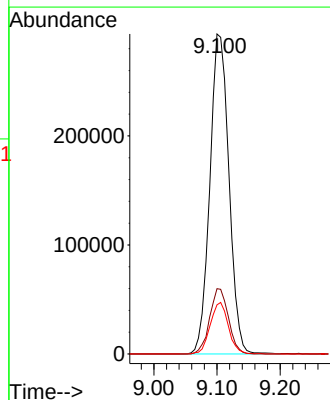
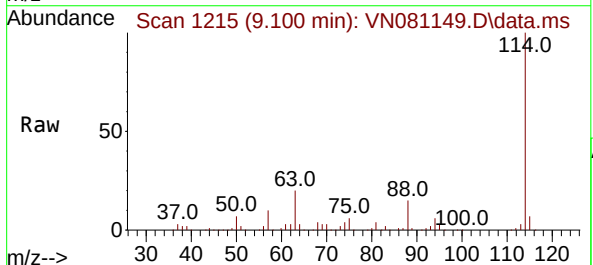
Tgt Ion:114 Resp: 617012

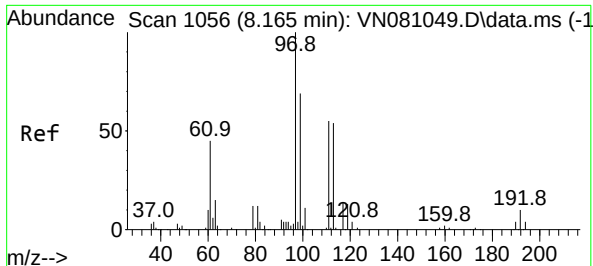
Ion Ratio Lower Upper

114 100

63 20.4 0.0 48.0

88 15.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.302 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 16852

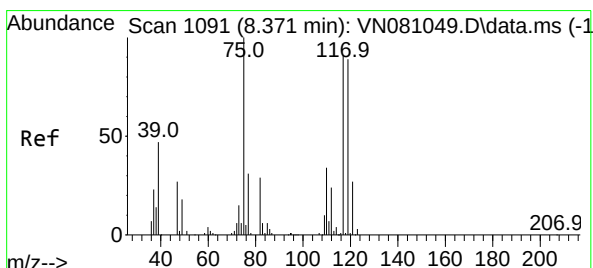
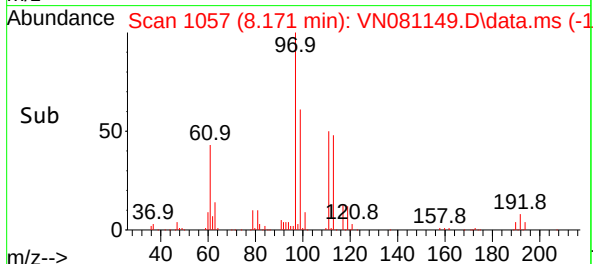
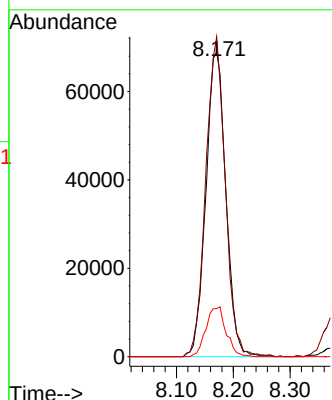
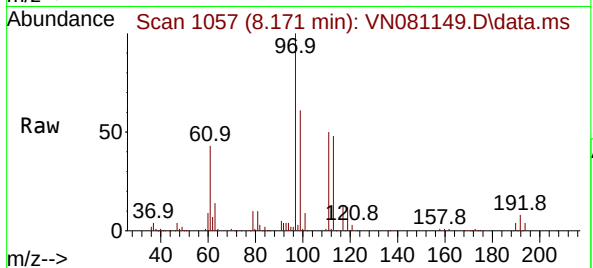
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	16.4	12.5	18.7

Manual Integrations

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Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#36

1,1-Dichloropropene

Concen: 47.991 ug/l

RT: 8.377 min Scan# 1092

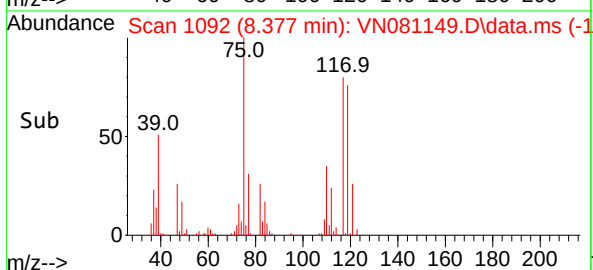
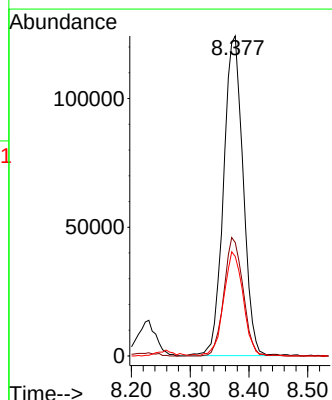
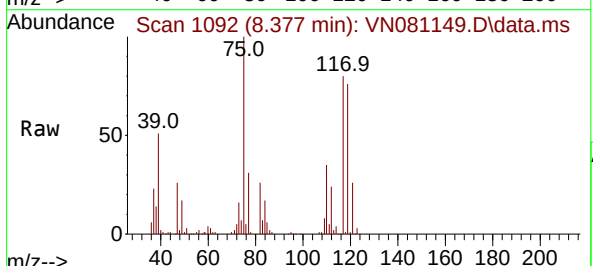
Delta R.T. 0.006 min

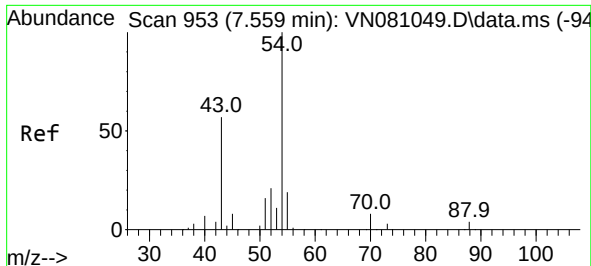
Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

Tgt Ion: 75 Resp: 286861

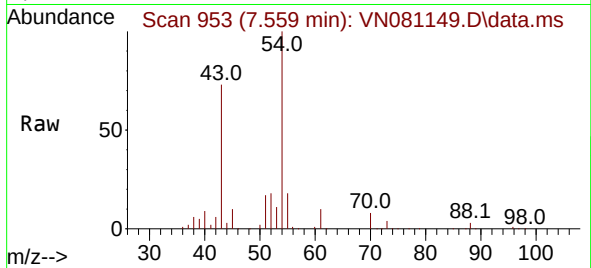
Ion	Ratio	Lower	Upper
75	100		
110	36.1	16.0	48.0
77	32.0	25.8	38.6





#37
Ethyl Acetate
Concen: 52.760 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

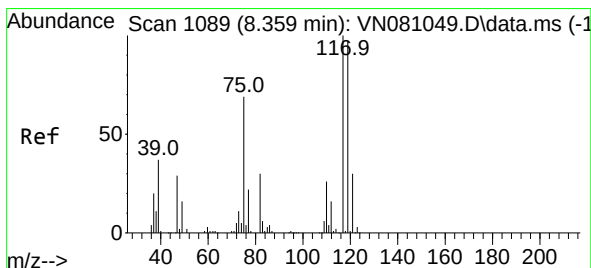
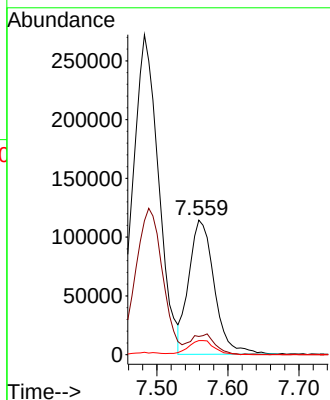
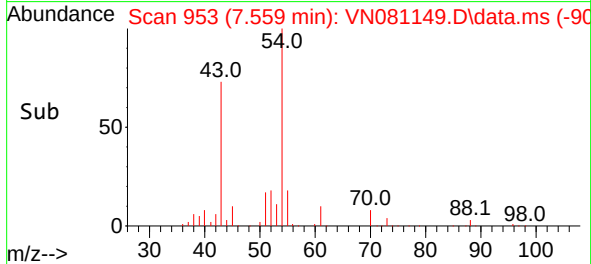
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 284625
Ion Ratio Lower Upper
43 100
61 15.0 10.6 15.8
70 10.6 8.0 12.0

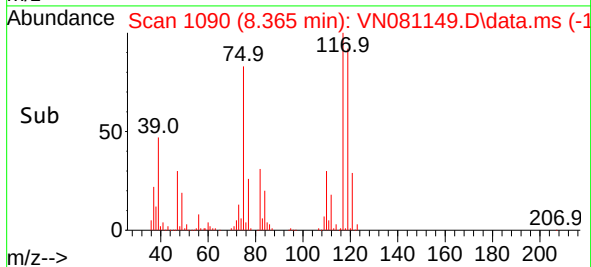
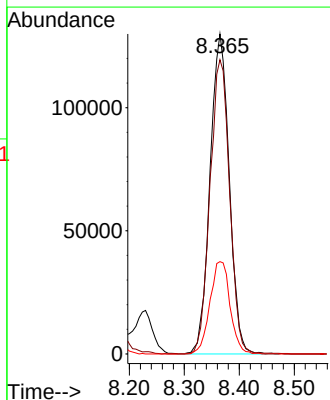
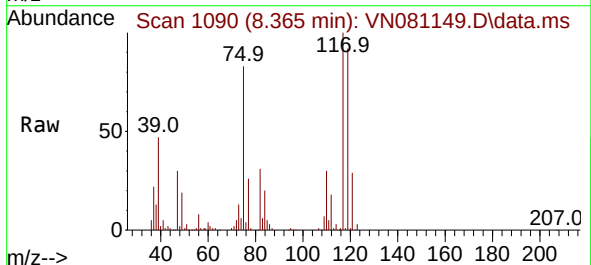
Manual Integrations
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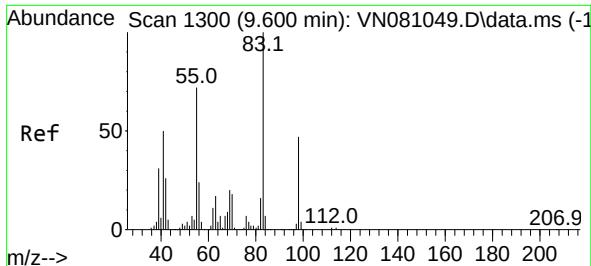
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#38
Carbon Tetrachloride
Concen: 52.121 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

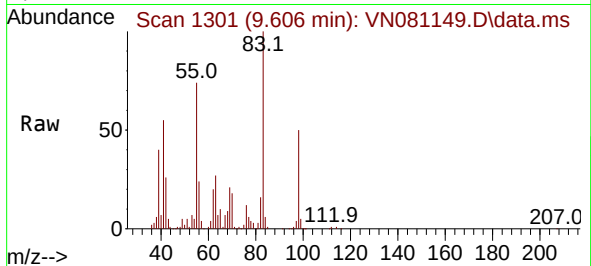
Tgt Ion:117 Resp: 315202
Ion Ratio Lower Upper
117 100
119 92.0 73.4 110.2
121 28.9 24.4 36.6





#39
Methylcyclohexane
Concen: 48.813 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

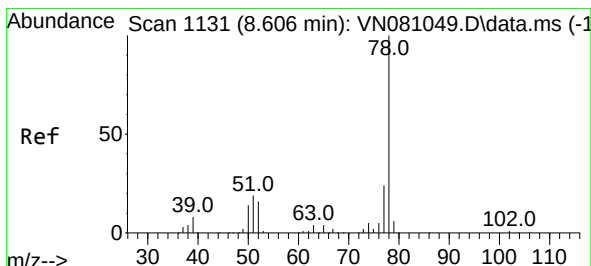
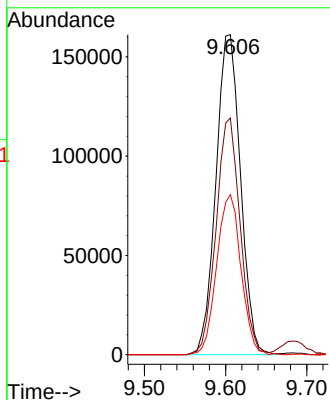
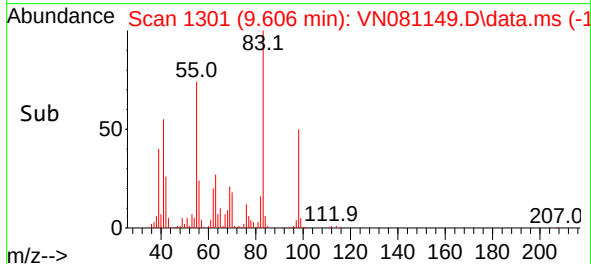
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 340130
Ion Ratio Lower Upper
83 100
55 74.0 65.7 98.5
98 50.0 33.8 50.6

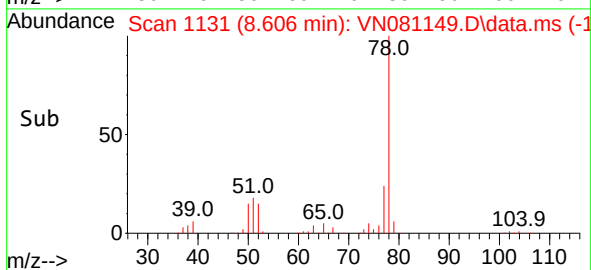
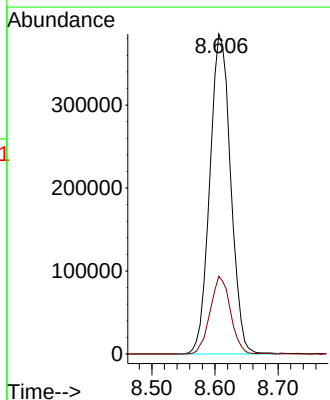
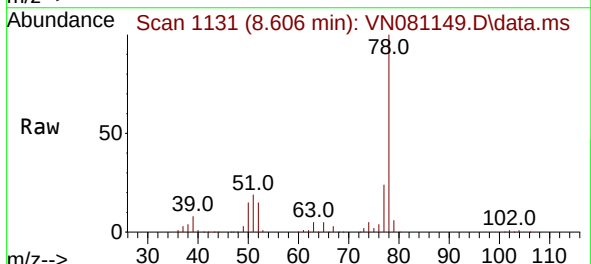
Manual Integrations
APPROVED

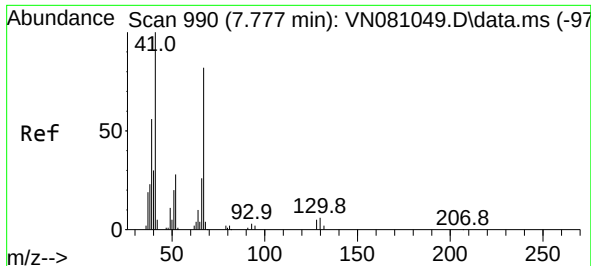
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#40
Benzene
Concen: 51.234 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

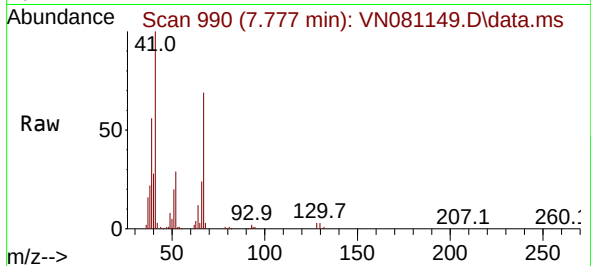
Tgt Ion: 78 Resp: 886431
Ion Ratio Lower Upper
78 100
77 24.3 20.4 30.6





#41
Methacrylonitrile
Concen: 51.844 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

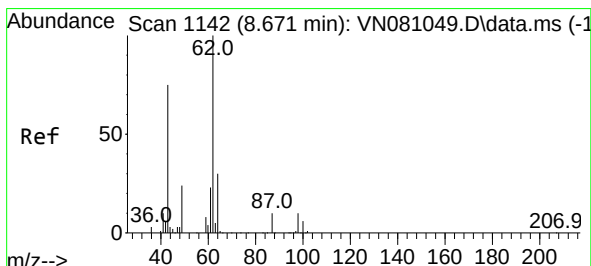
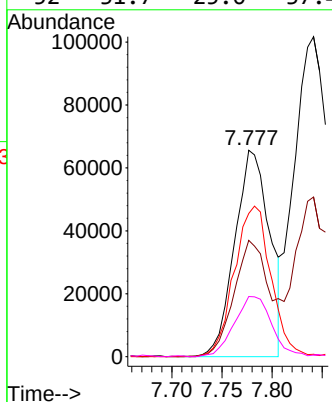
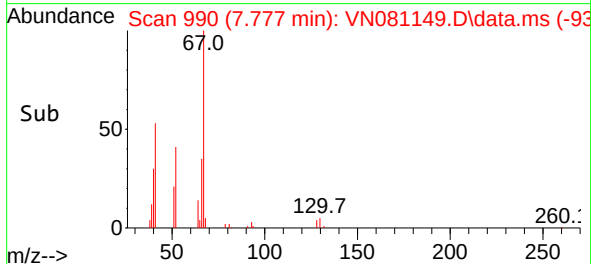
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 15917
Ion Ratio Lower Upper
41 100
39 60.5 48.4 72.6
67 76.5 56.8 85.2
52 31.7 25.0 37.4

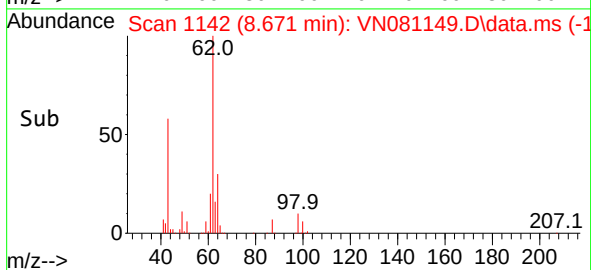
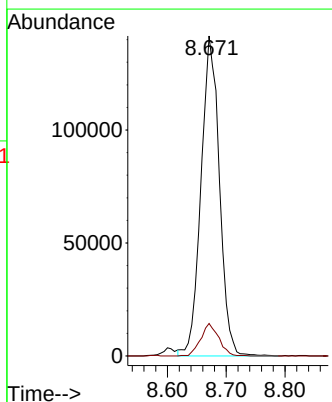
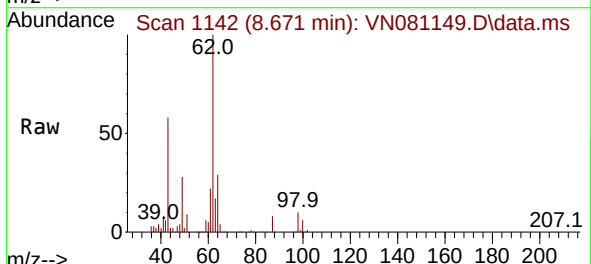
Manual Integrations
APPROVED

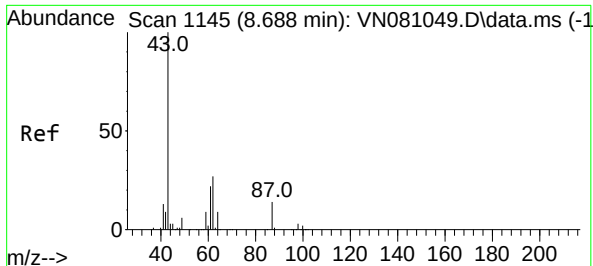
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#42
1,2-Dichloroethane
Concen: 50.950 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

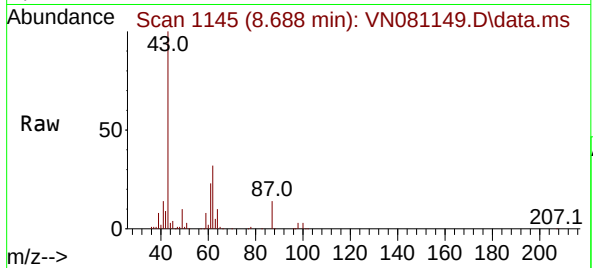
Tgt Ion: 62 Resp: 307548
Ion Ratio Lower Upper
62 100
98 10.0 0.0 18.0





#43
Isopropyl Acetate
Concen: 53.029 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

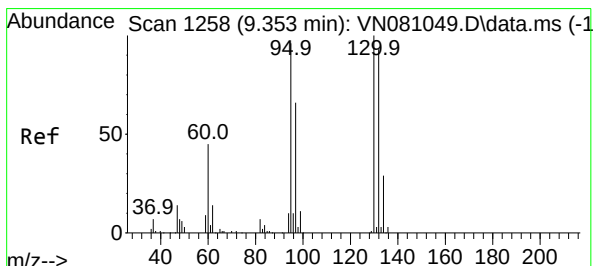
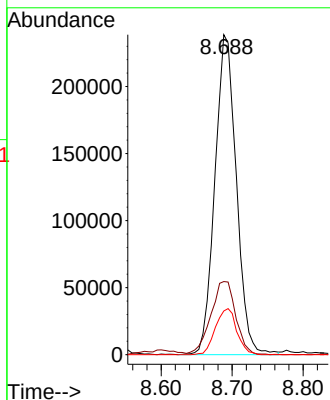
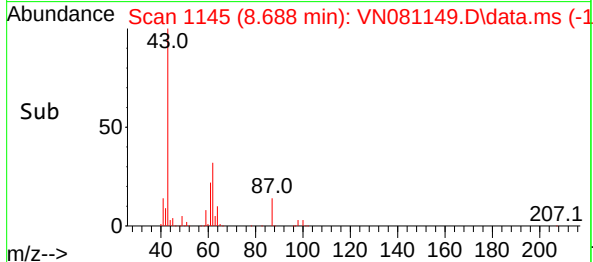
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 500328
Ion Ratio Lower Upper
43 100
61 26.6 19.9 29.9
87 14.3 9.0 13.6

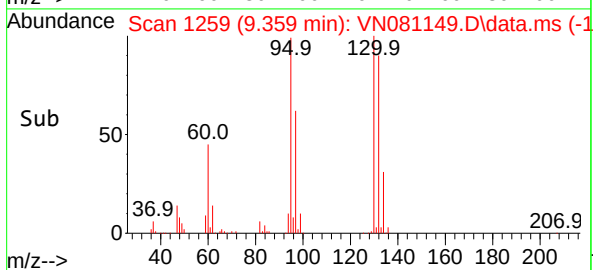
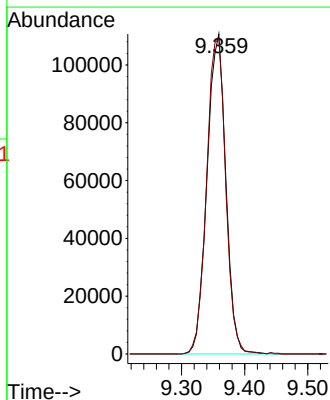
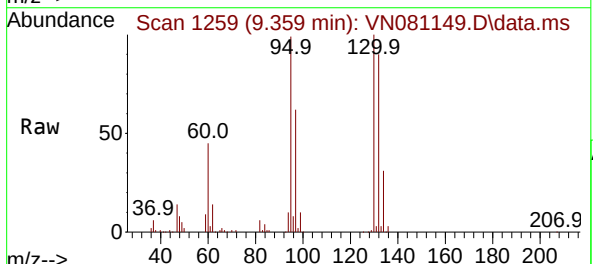
Manual Integrations
APPROVED

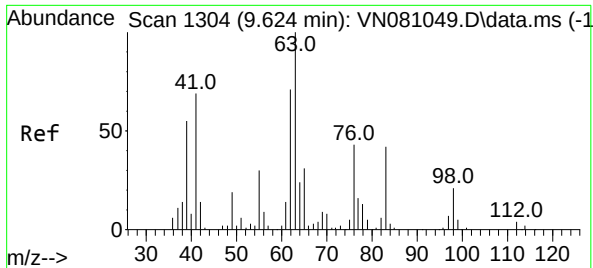
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#44
Trichloroethene
Concen: 49.560 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

Tgt Ion:130 Resp: 228382
Ion Ratio Lower Upper
130 100
95 98.5 0.0 210.4





#45

1,2-Dichloropropane

Concen: 51.586 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 223258

Ion Ratio Lower Upper

63 100

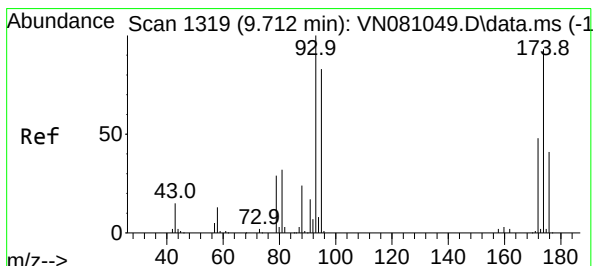
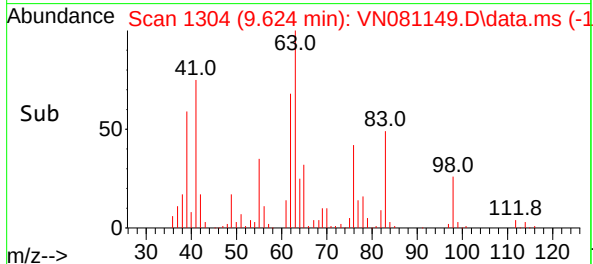
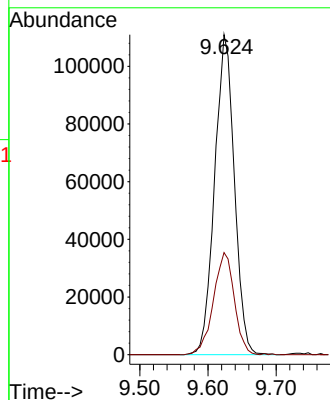
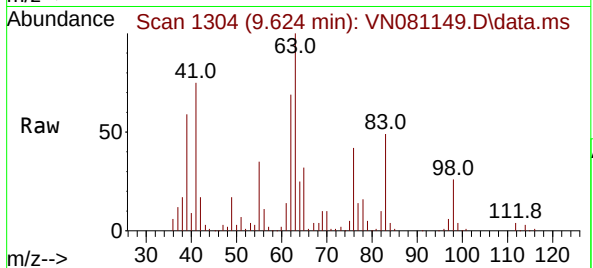
65 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#46

Dibromomethane

Concen: 50.632 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

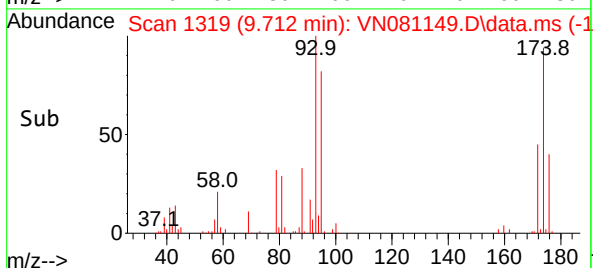
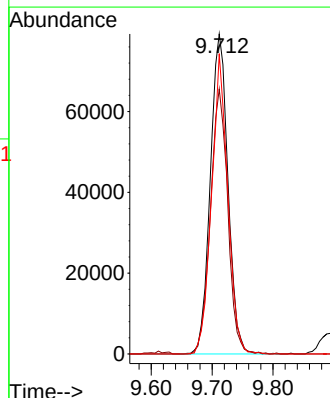
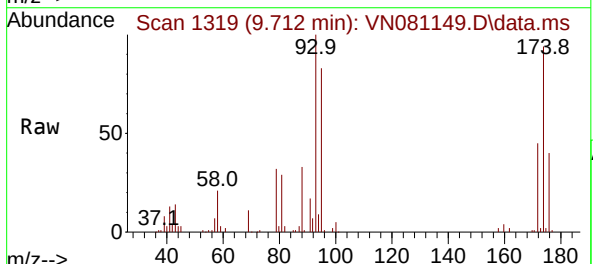
Tgt Ion: 93 Resp: 159661

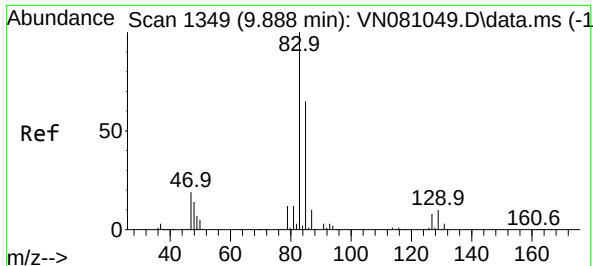
Ion Ratio Lower Upper

93 100

95 81.3 68.1 102.1

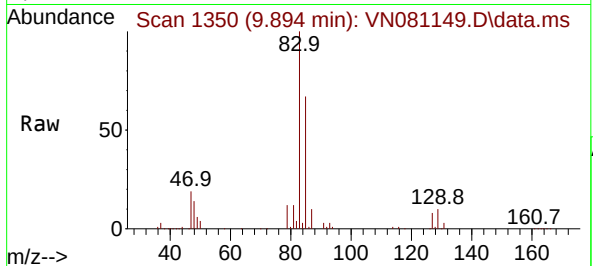
174 86.0 57.2 85.8





#47
Bromodichloromethane
Concen: 53.279 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

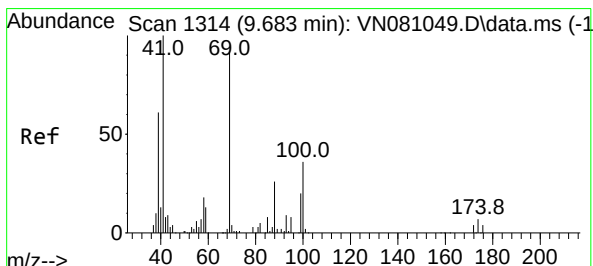
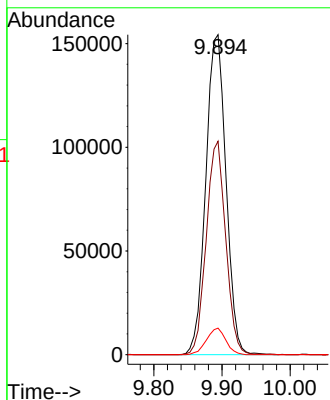
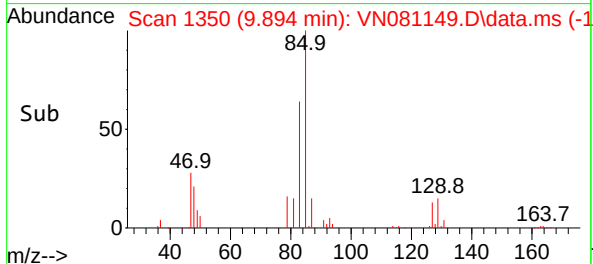
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 31819
Ion Ratio Lower Upper
83 100
85 66.7 52.3 78.5
127 8.3 4.6 7.0

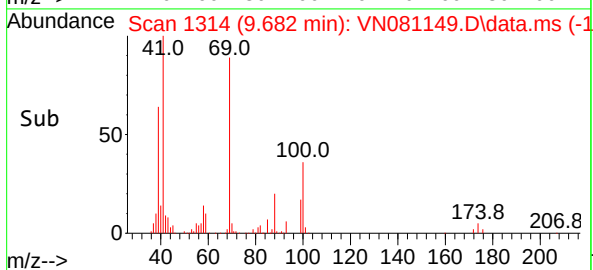
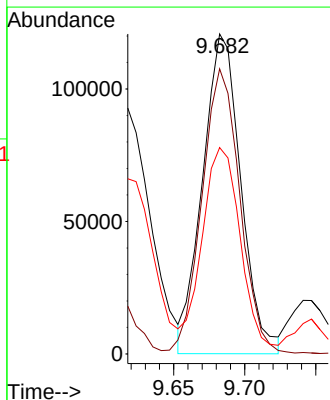
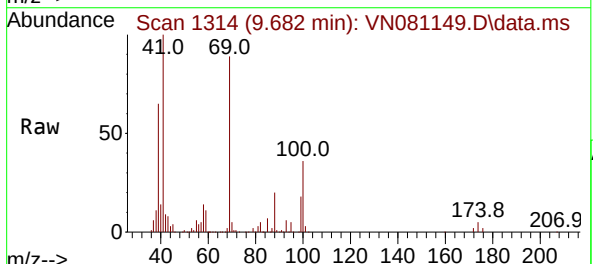
Manual Integrations
APPROVED

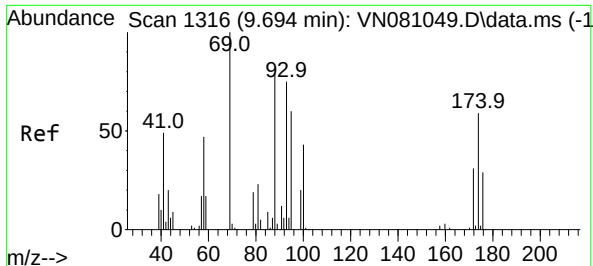
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#48
Methyl methacrylate
Concen: 51.486 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

Tgt Ion: 41 Resp: 226035
Ion Ratio Lower Upper
41 100
69 89.1 62.2 93.2
39 65.5 47.6 71.4





#49

1,4-Dioxane

Concen: 1152.076 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 9258

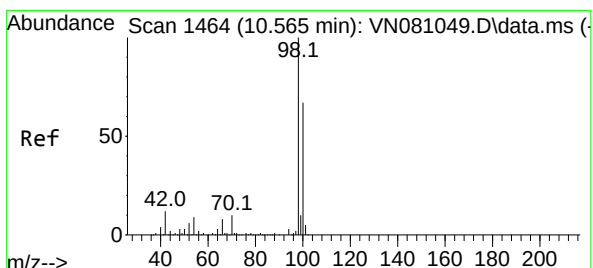
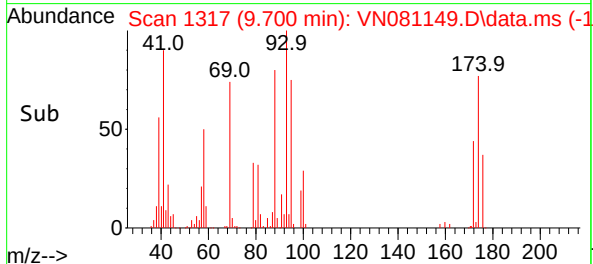
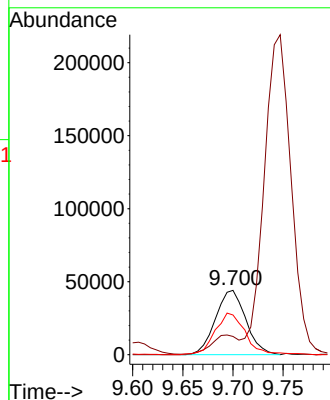
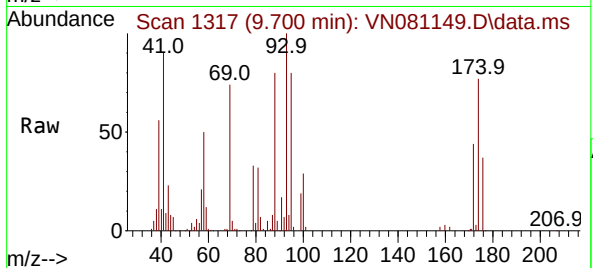
Ion	Ratio	Lower	Upper
88	100		
43	26.0	30.1	45.1
58	65.0	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#50

Toluene-d8

Concen: 44.933 ug/l

RT: 10.571 min Scan# 1465

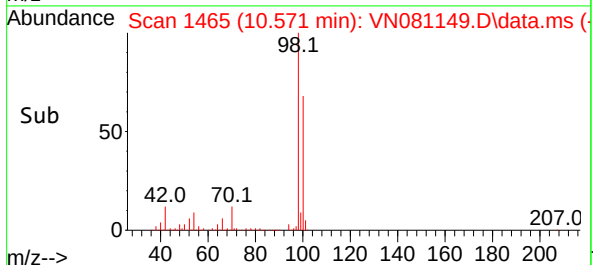
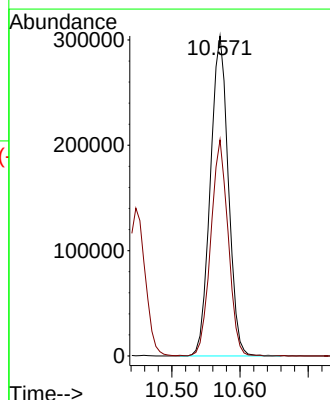
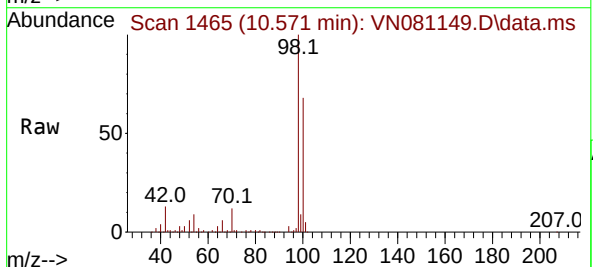
Delta R.T. 0.006 min

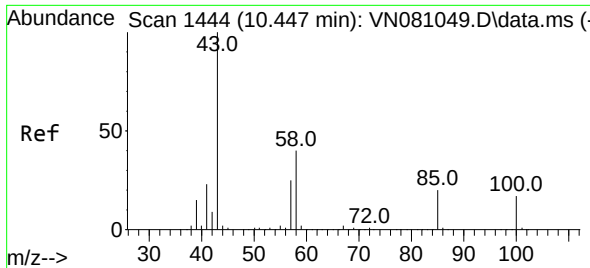
Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

Tgt Ion: 98 Resp: 556807

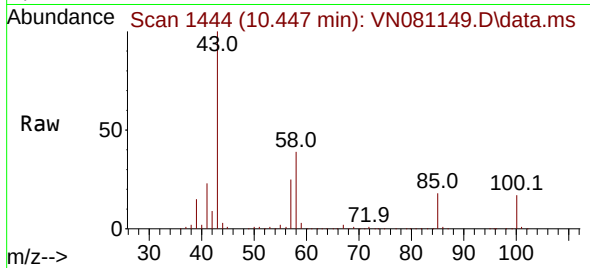
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 278.889 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

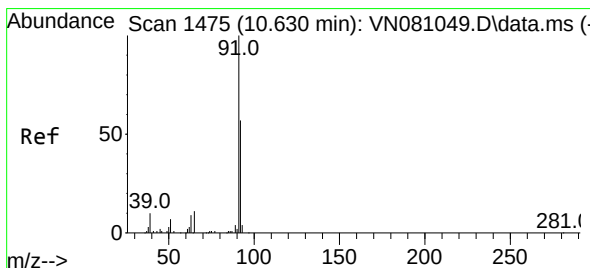
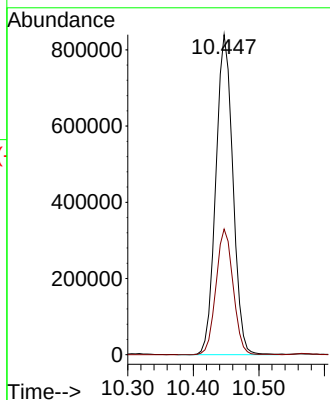
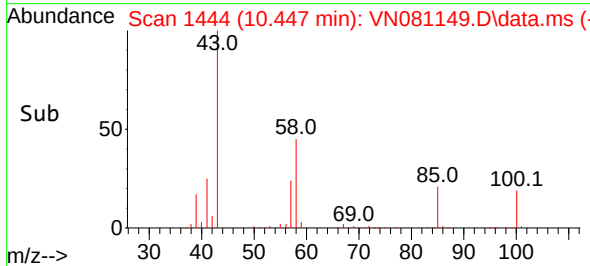
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



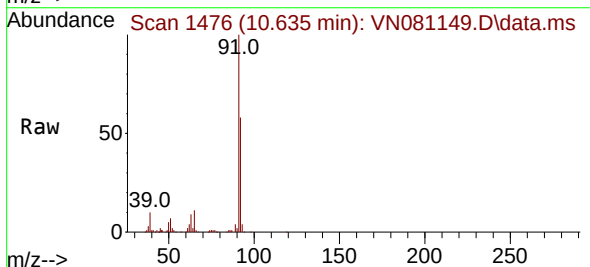
Tgt Ion: 43 Resp: 151366
Ion Ratio Lower Upper
43 100
58 39.4 29.4 44.0

Manual Integrations
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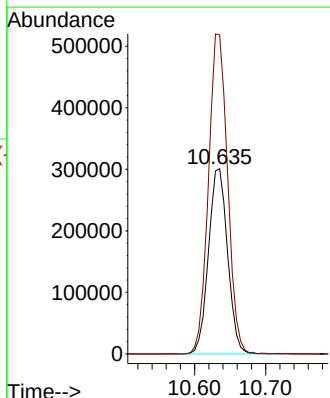
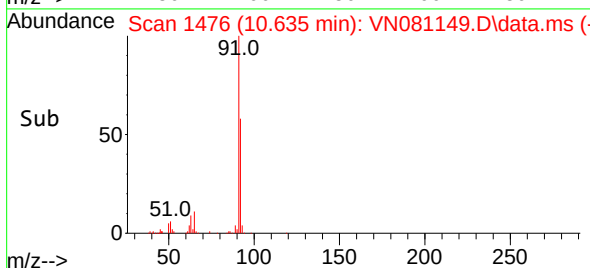
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

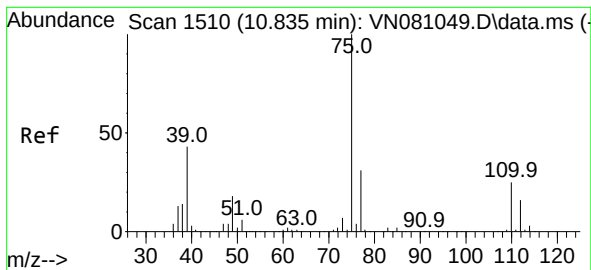


#52
Toluene
Concen: 51.240 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47



Tgt Ion: 92 Resp: 561245
Ion Ratio Lower Upper
92 100
91 173.1 139.4 209.0





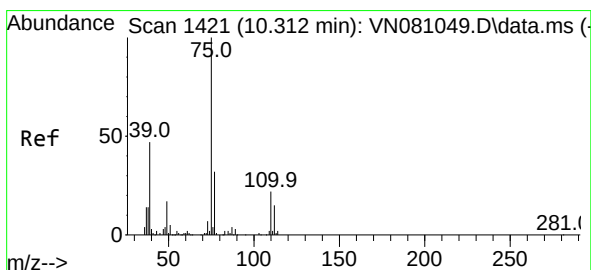
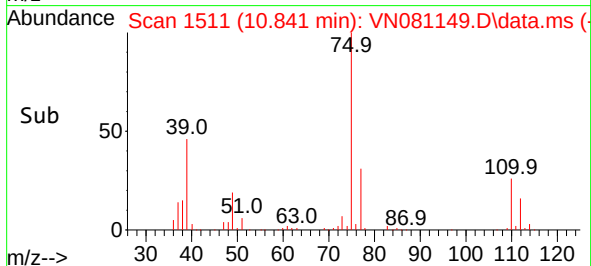
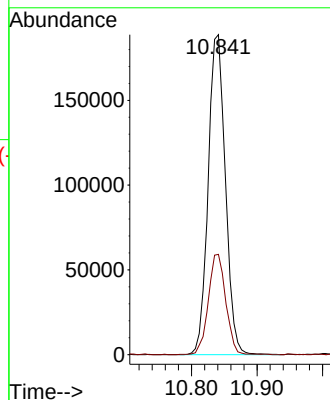
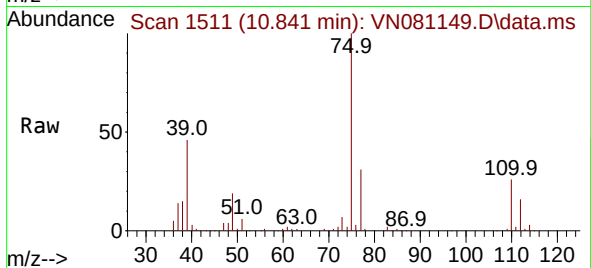
#53
t-1,3-Dichloropropene
Concen: 51.902 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 344462
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3

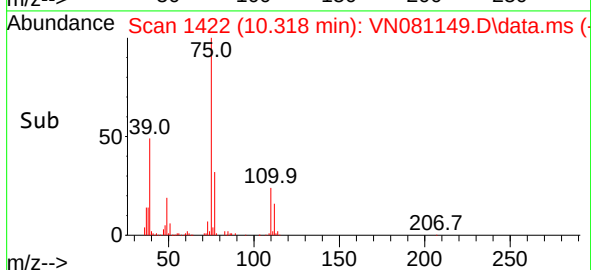
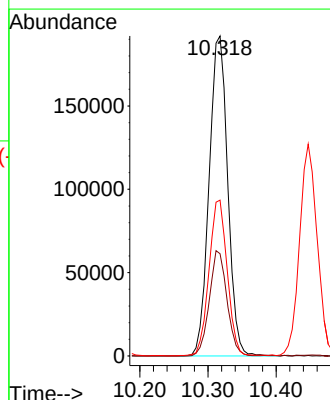
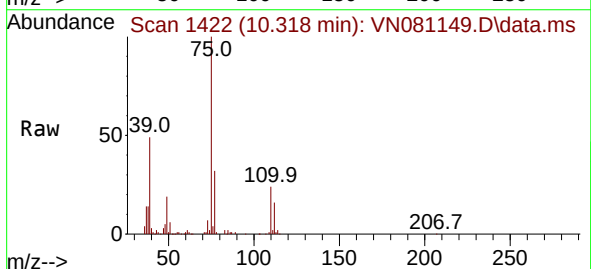
Manual Integrations
APPROVED

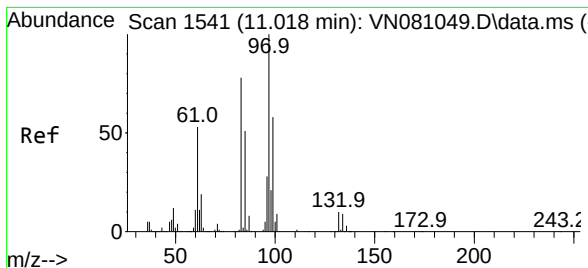
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#54
cis-1,3-Dichloropropene
Concen: 50.786 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

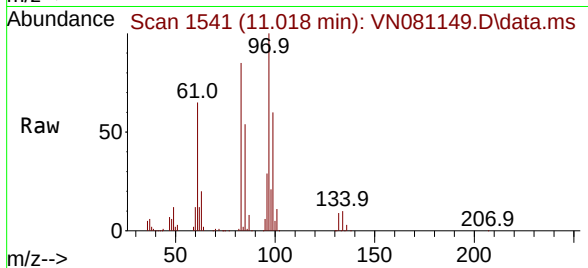
Tgt Ion: 75 Resp: 364162
Ion Ratio Lower Upper
75 100
77 32.0 23.3 34.9
39 48.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 52.818 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

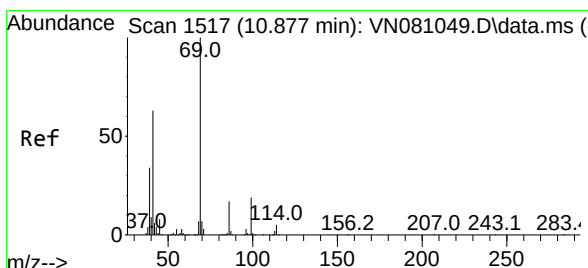
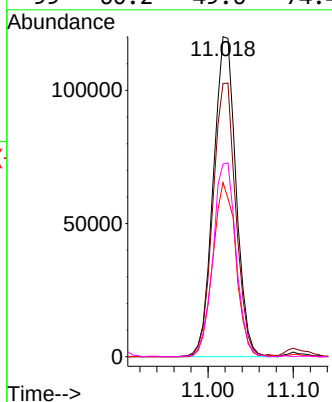
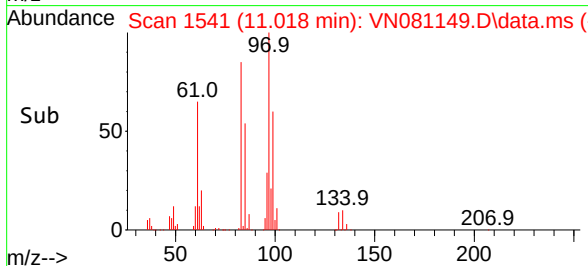
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 222510
Ion Ratio Lower Upper
97 100
83 85.3 72.9 109.3
85 54.4 50.2 75.2
99 60.2 49.6 74.4

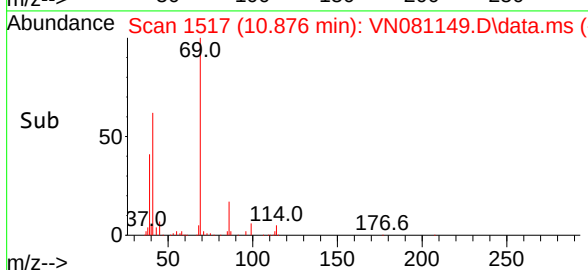
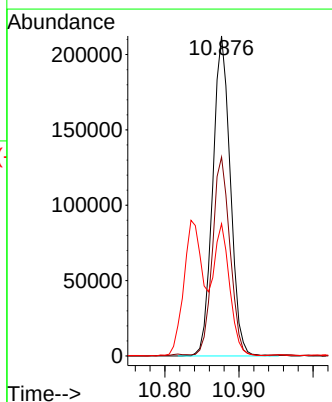
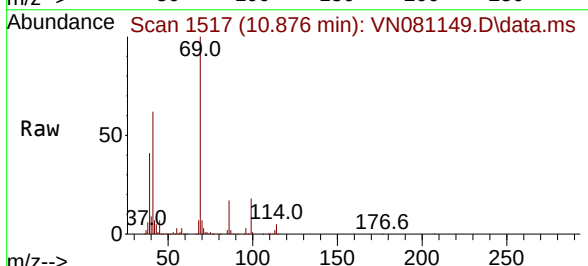
Manual Integrations
APPROVED

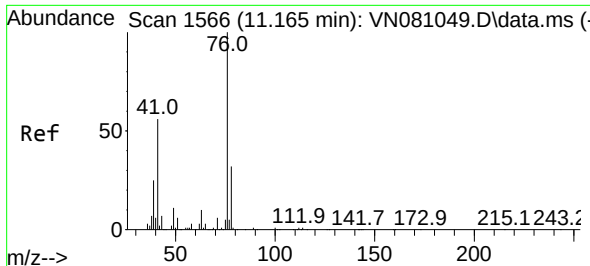
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#56
Ethyl methacrylate
Concen: 54.355 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

Tgt Ion: 69 Resp: 349966
Ion Ratio Lower Upper
69 100
41 61.3 61.0 91.6
39 36.8 31.8 47.6





#57

1,3-Dichloropropane

Concen: 52.765 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 384352

Ion Ratio Lower Upper

76 100

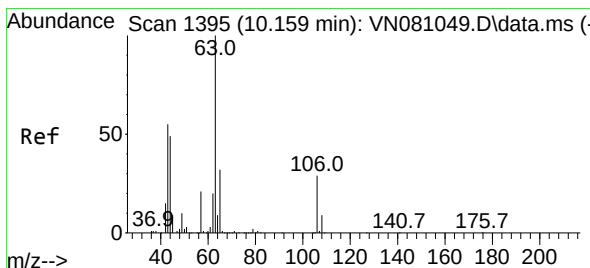
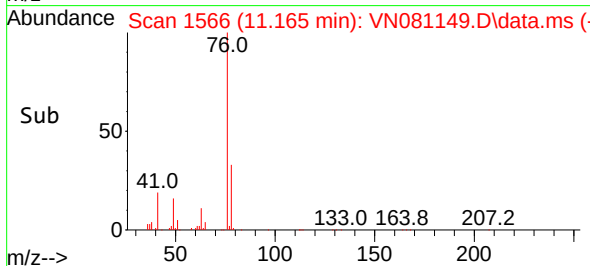
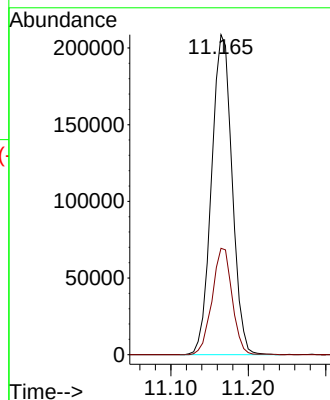
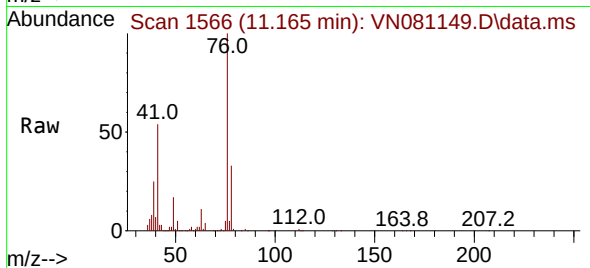
78 32.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 257.303 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081149.D

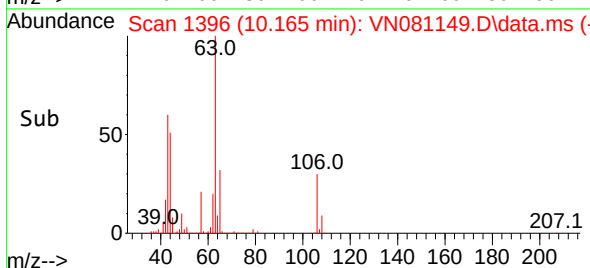
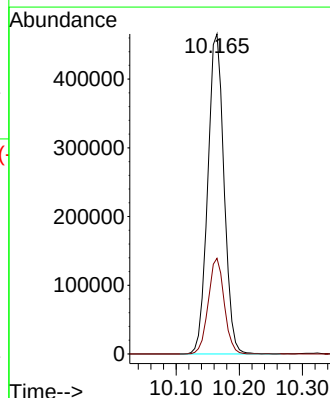
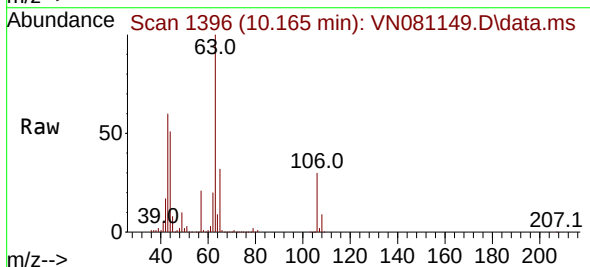
Acq: 22 Feb 2024 20:47

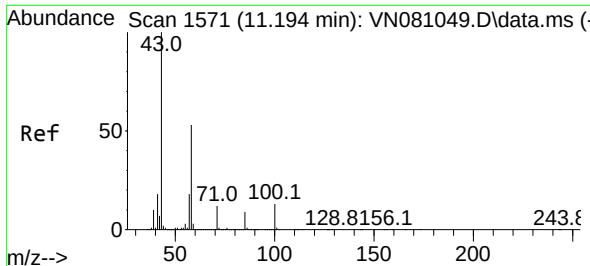
Tgt Ion: 63 Resp: 831219

Ion Ratio Lower Upper

63 100

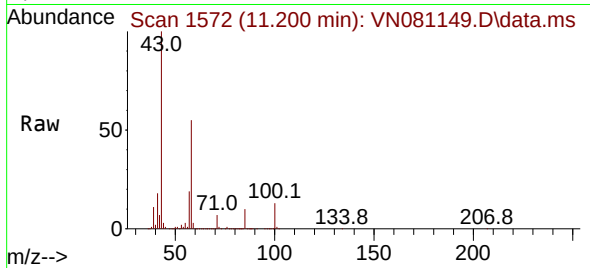
106 29.4 18.6 28.0#





#59
2-Hexanone
Concen: 261.270 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

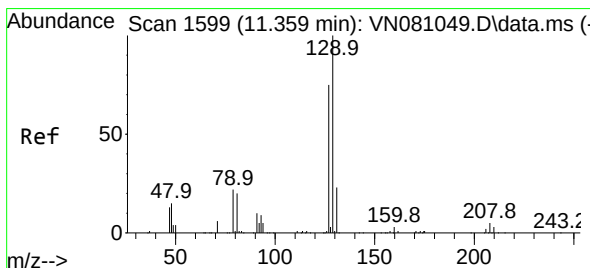
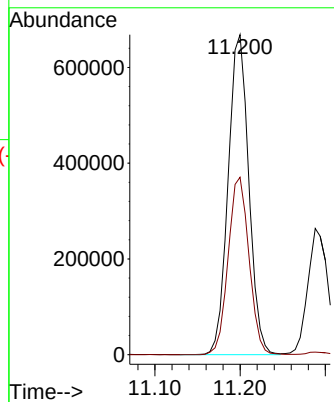
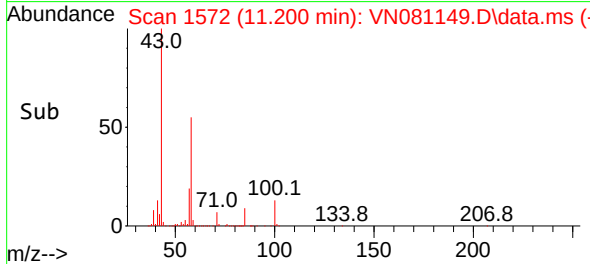
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 112422
Ion Ratio Lower Upper
43 100
58 56.1 25.9 77.8

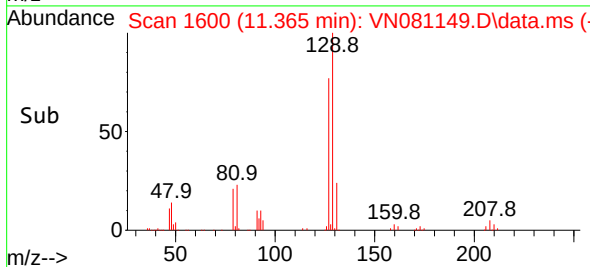
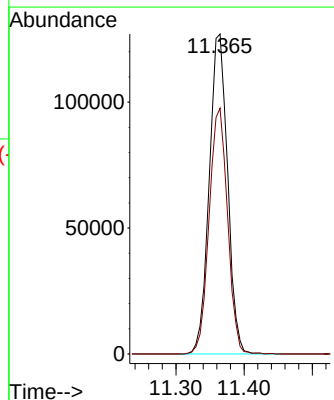
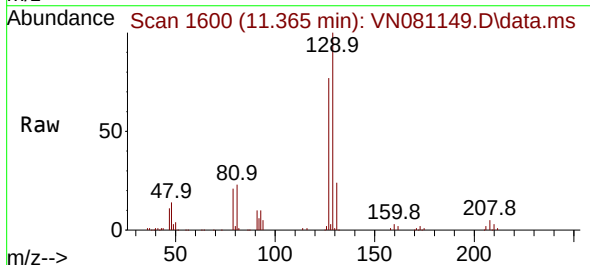
Manual Integrations
APPROVED

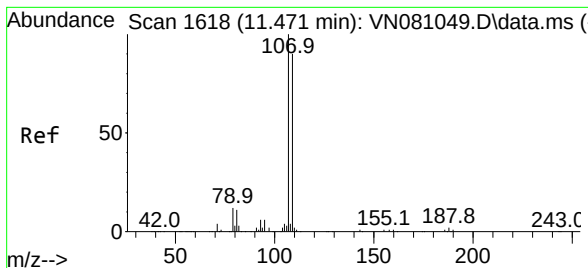
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#60
Dibromochloromethane
Concen: 53.105 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

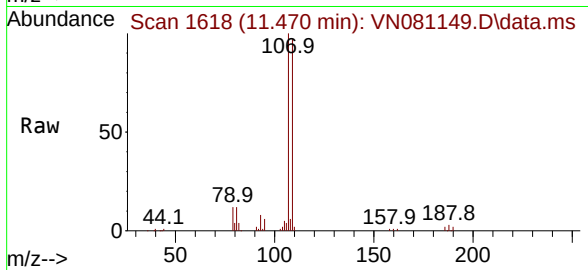
Tgt Ion:129 Resp: 237669
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.2





#61
1,2-Dibromoethane
Concen: 51.896 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

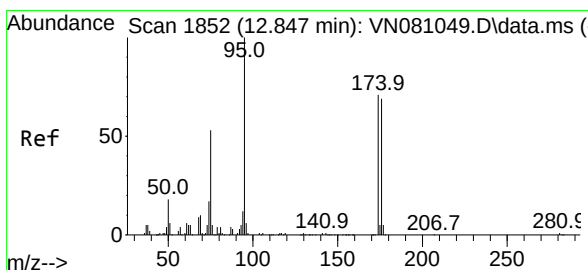
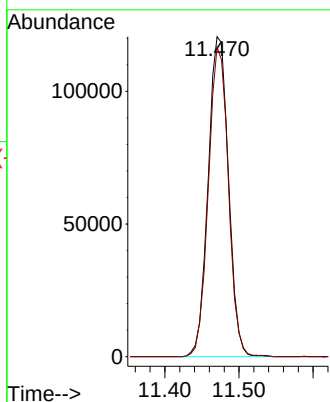
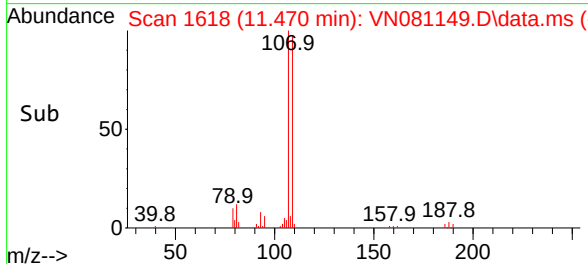
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



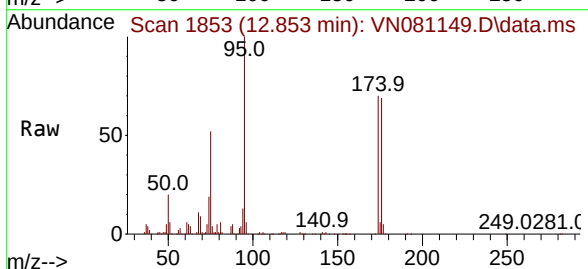
Tgt Ion:107 Resp: 229904
Ion Ratio Lower Upper
107 100
109 94.9 73.4 110.2

Manual Integrations
APPROVED

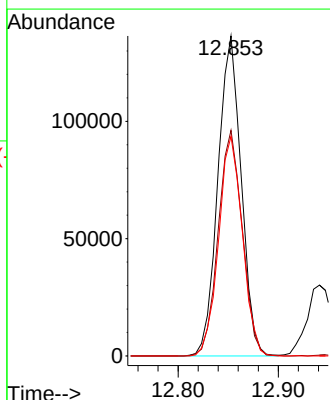
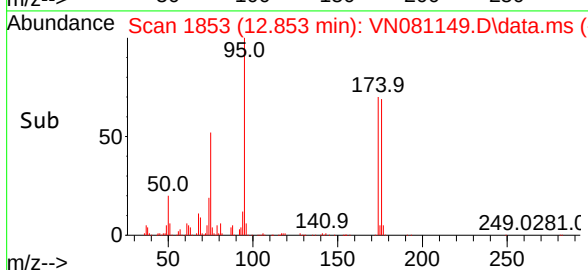
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

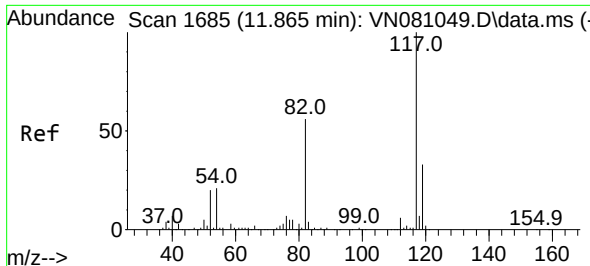


#62
4-Bromofluorobenzene
Concen: 47.216 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47



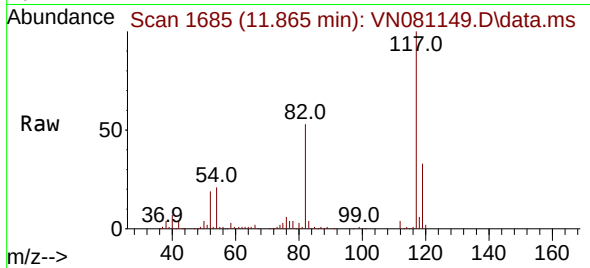
Tgt Ion: 95 Resp: 219856
Ion Ratio Lower Upper
95 100
174 72.6 0.0 120.4
176 69.9 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

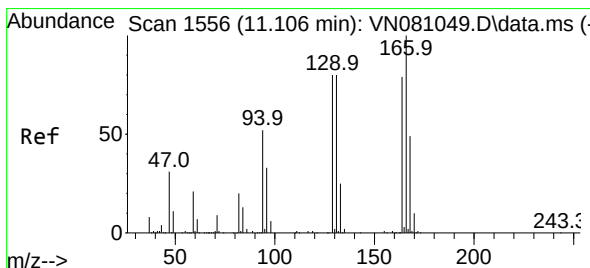
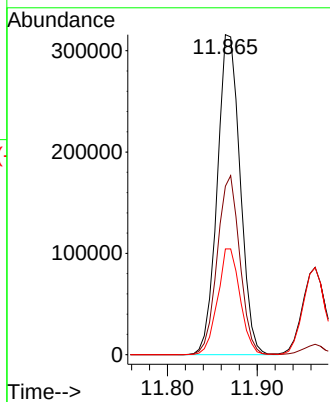
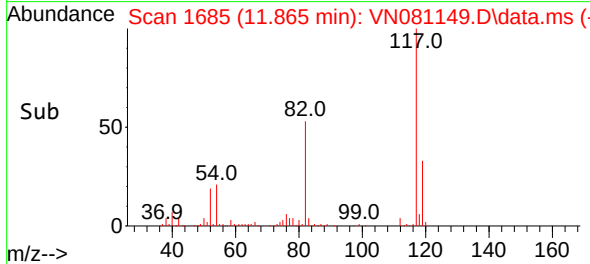
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



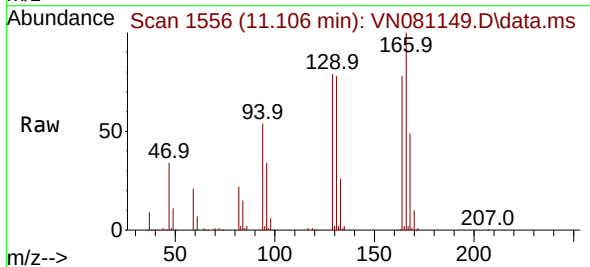
Tgt Ion:117 Resp: 559012
Ion Ratio Lower Upper
117 100
82 52.7 52.7 79.1
119 33.1 25.3 37.9

Manual Integrations
APPROVED

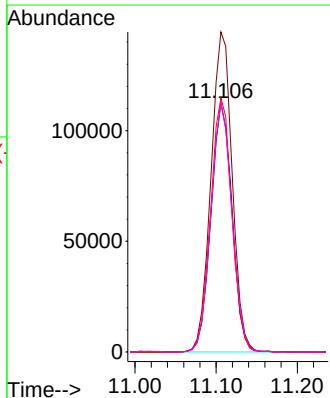
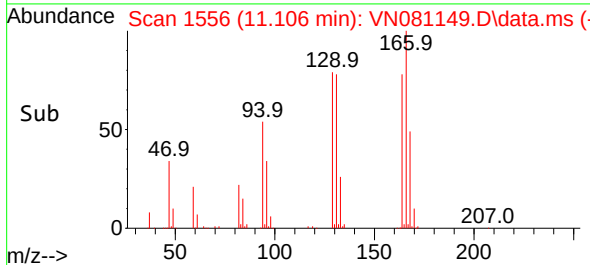
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

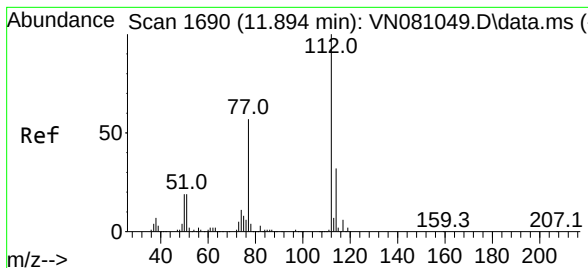


#64
Tetrachloroethene
Concen: 53.057 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47



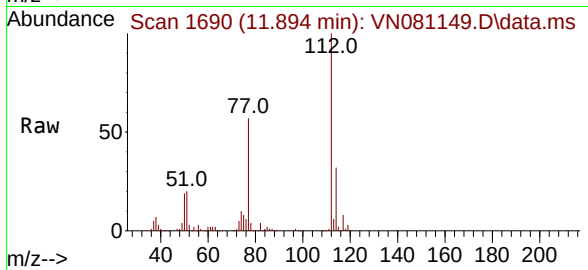
Tgt Ion:164 Resp: 202426
Ion Ratio Lower Upper
164 100
166 128.4 105.8 158.6
129 101.9 89.6 134.4
131 99.9 84.9 127.3





#65
Chlorobenzene
Concen: 49.401 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

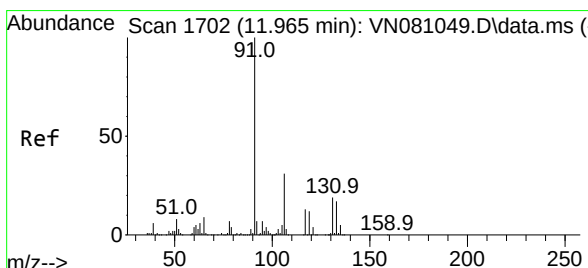
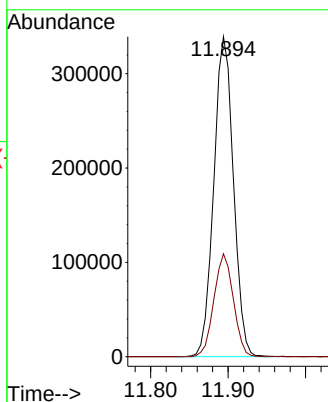
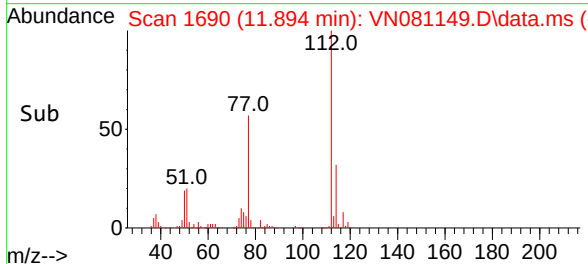
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



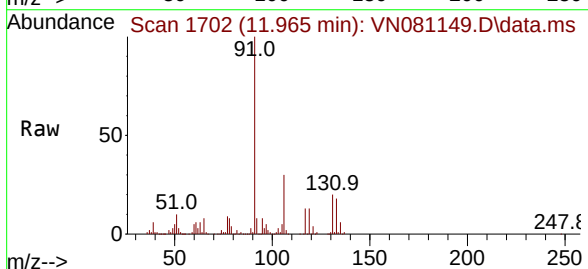
Tgt Ion:112 Resp: 59768
Ion Ratio Lower Upper
112 100
114 32.2 23.7 35.5

Manual Integrations
APPROVED

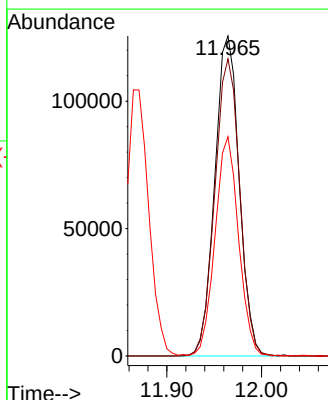
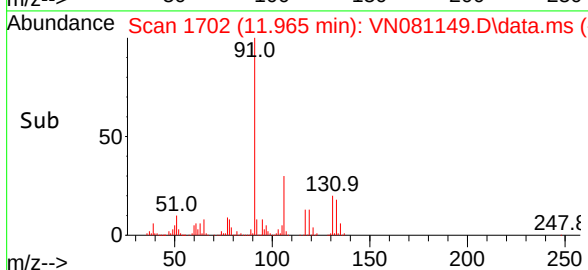
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

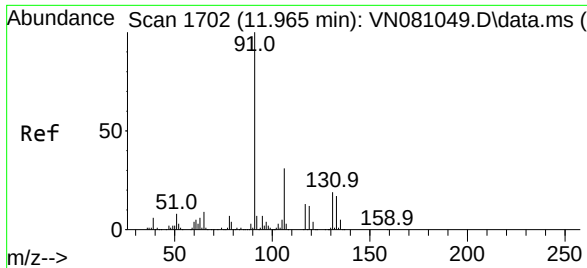


#66
1,1,1,2-Tetrachloroethane
Concen: 51.799 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47



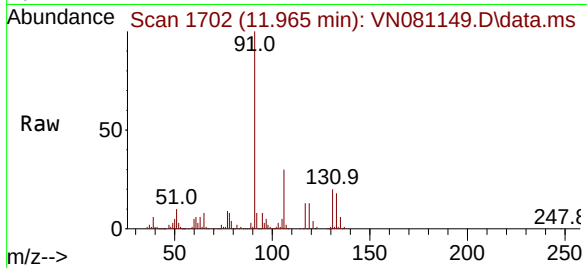
Tgt Ion:131 Resp: 225096
Ion Ratio Lower Upper
131 100
133 94.6 46.8 140.3
119 66.1 34.6 103.9





#67
Ethyl Benzene
Concen: 50.642 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

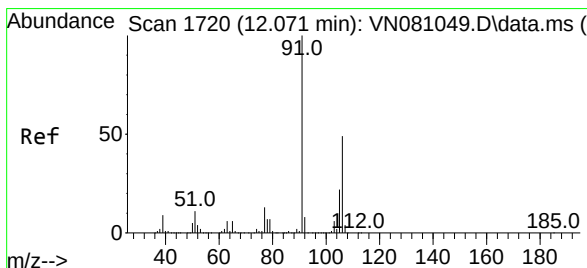
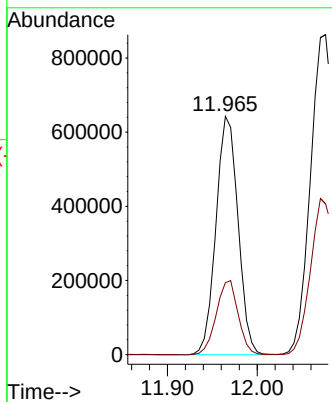
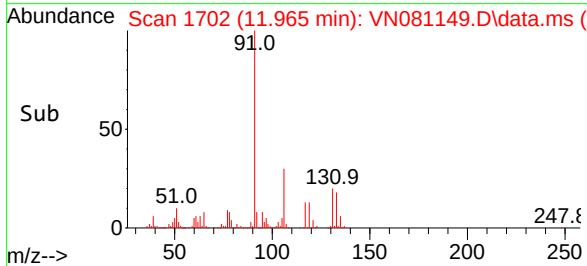
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



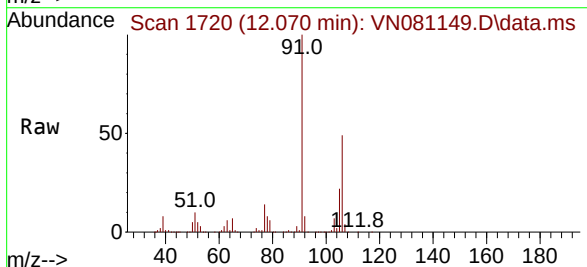
Tgt Ion: 91 Resp: 109637
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6

Manual Integrations
APPROVED

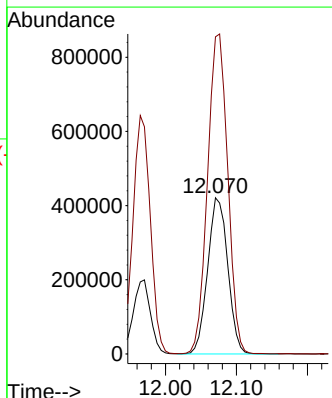
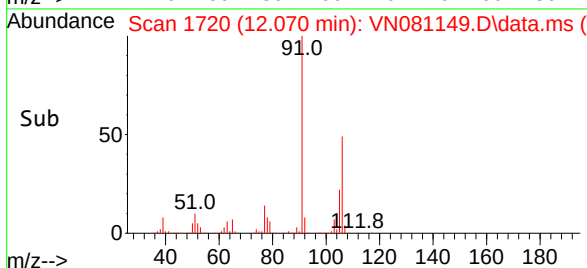
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

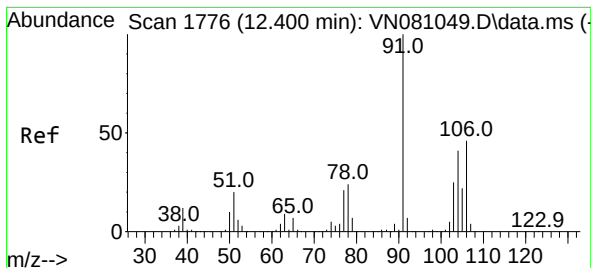


#68
m/p-Xylenes
Concen: 99.820 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47



Tgt Ion:106 Resp: 828334
Ion Ratio Lower Upper
106 100
91 205.4 169.0 253.6





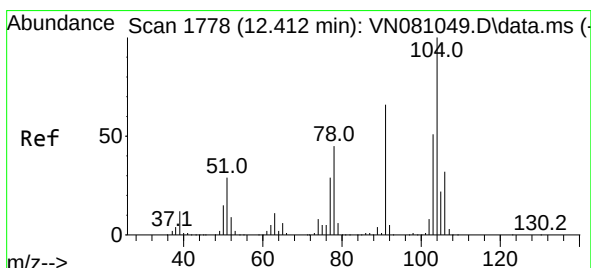
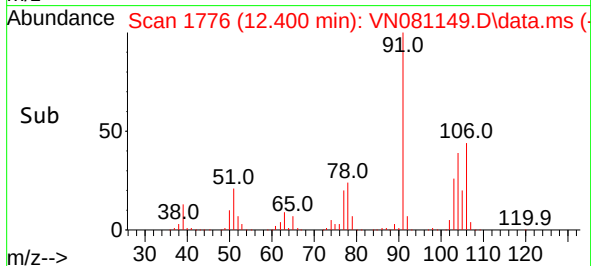
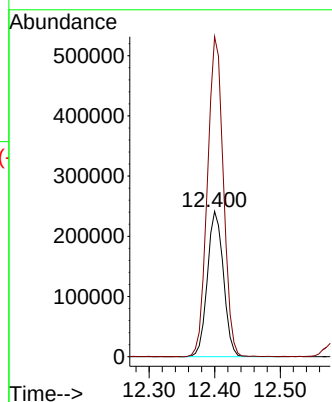
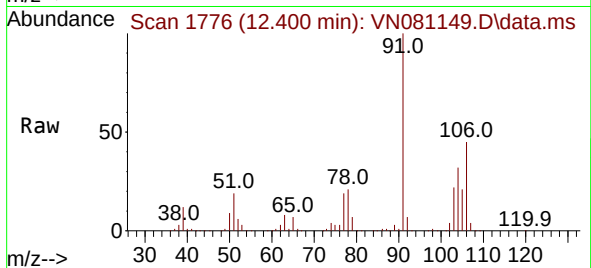
#69
o-Xylene
Concen: 49.910 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 410540
Ion Ratio Lower Upper
106 100
91 219.3 112.1 336.3

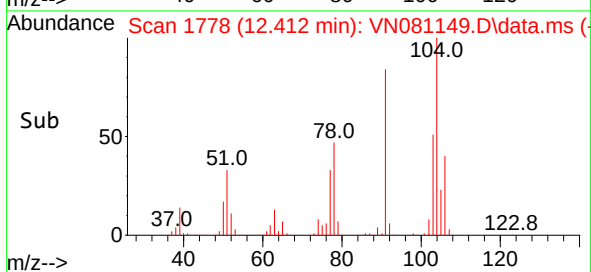
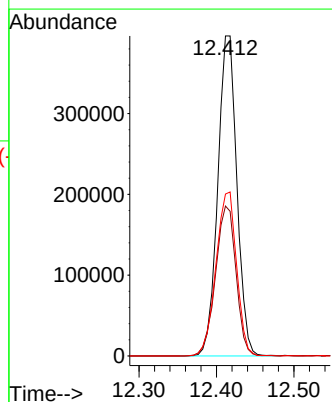
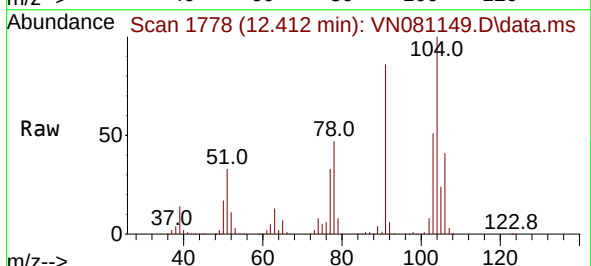
Manual Integrations
APPROVED

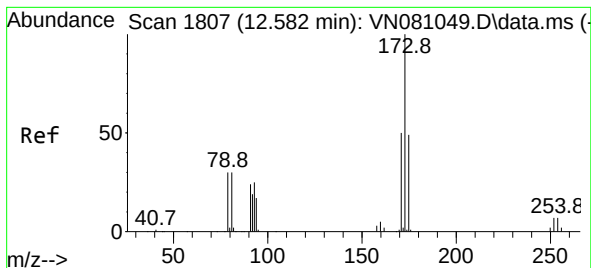
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#70
Styrene
Concen: 52.095 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

Tgt Ion:104 Resp: 679039
Ion Ratio Lower Upper
104 100
78 50.2 43.8 65.8
103 55.3 44.2 66.2





#71

Bromoform

Concen: 56.585 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

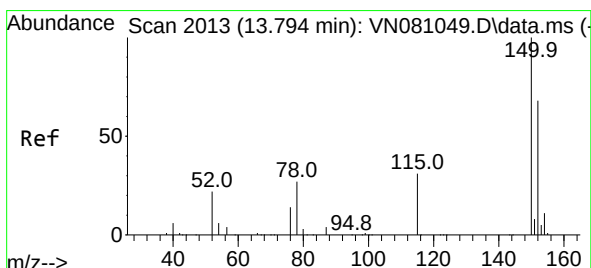
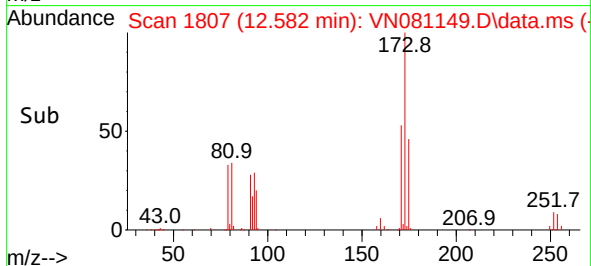
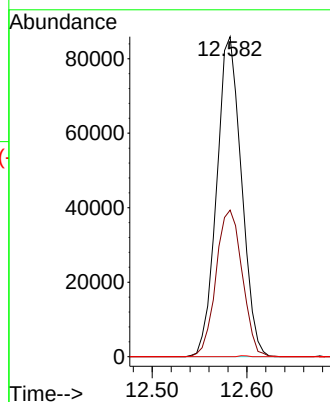
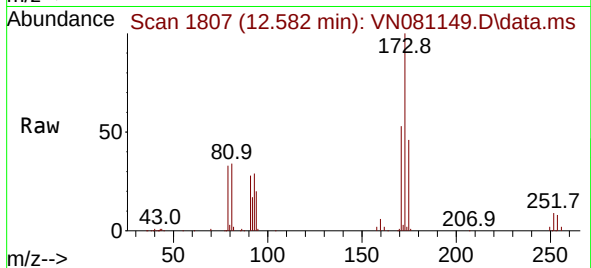
Tgt Ion:173 Resp: 156000
 Ion Ratio Lower Upper
 173 100
 175 48.6 23.1 69.2
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

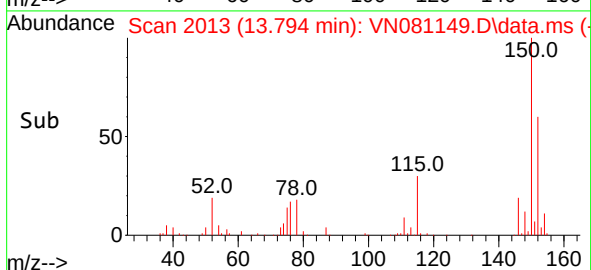
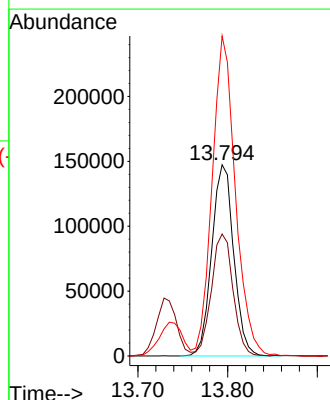
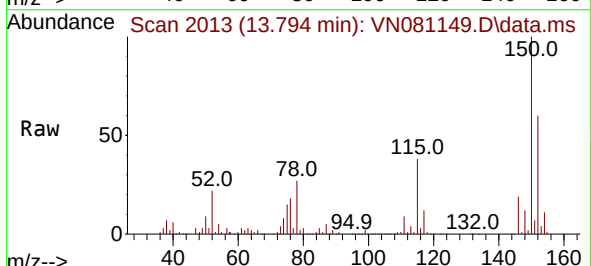
RT: 13.794 min Scan# 2013

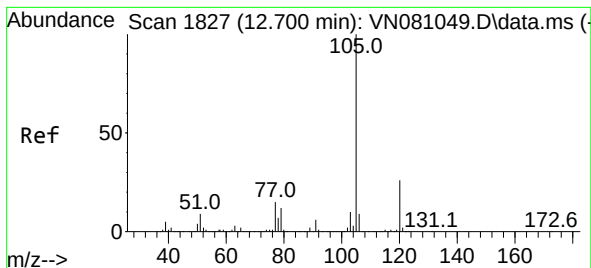
Delta R.T. -0.000 min

Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

Tgt Ion:152 Resp: 250559
 Ion Ratio Lower Upper
 152 100
 115 63.2 32.3 96.8
 150 177.0 0.0 339.8





#73

Isopropylbenzene

Concen: 49.163 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 107775

Ion Ratio Lower Upper

105 100

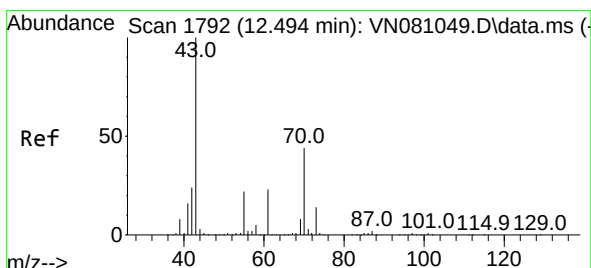
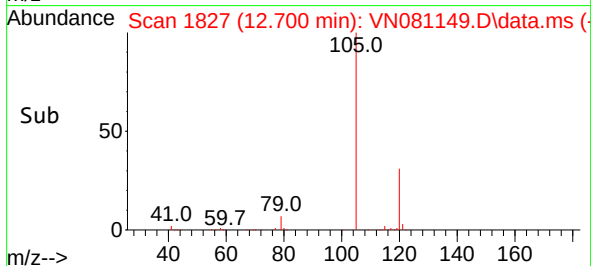
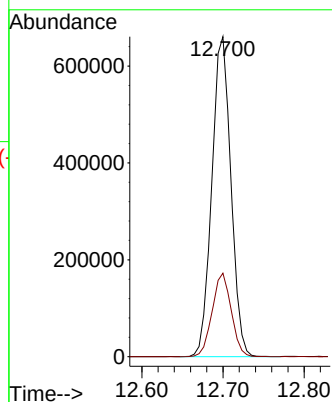
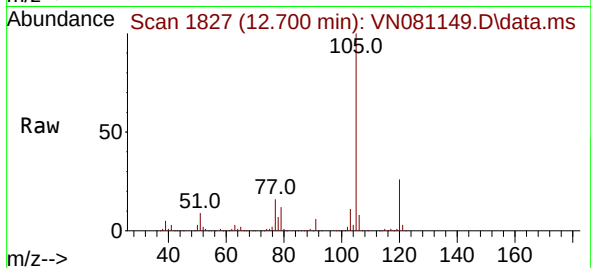
120 26.0 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#74

N-ethyl acetate

Concen: 49.482 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

Tgt Ion: 43 Resp: 458462

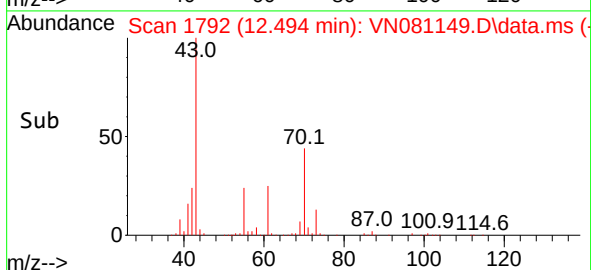
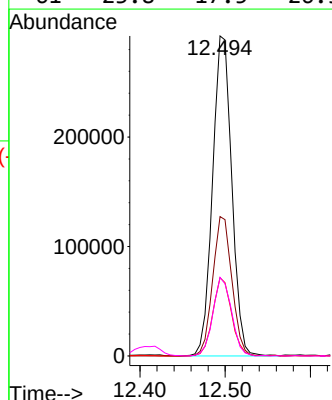
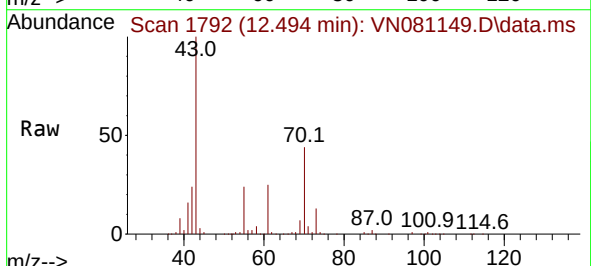
Ion Ratio Lower Upper

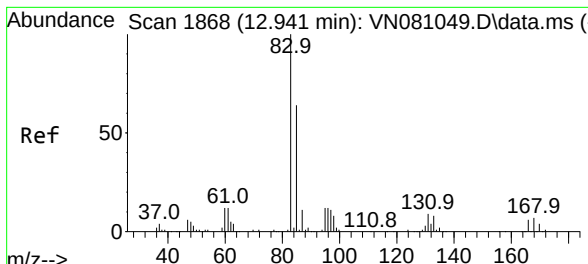
43 100

70 43.5 30.1 45.1

55 23.8 17.0 25.4

61 23.8 17.5 26.3





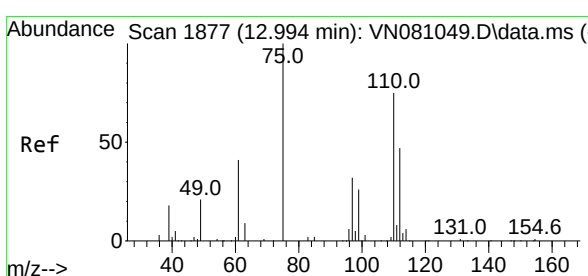
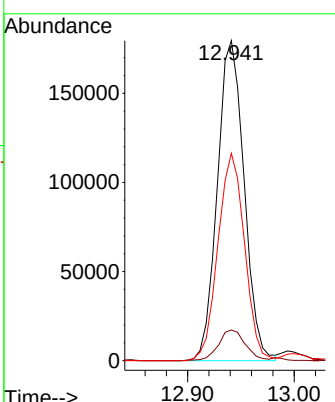
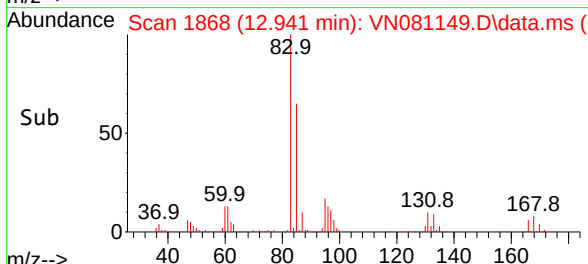
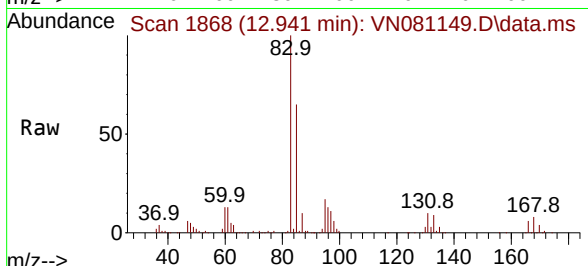
#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.800 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN081149.D
 Acq: 22 Feb 2024 20:47

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

Tgt Ion: 83 Resp: 313150

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.1	12.3
85	64.4	32.1	96.3

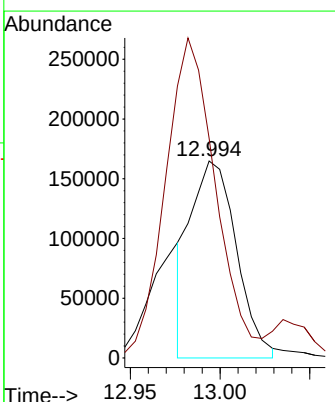
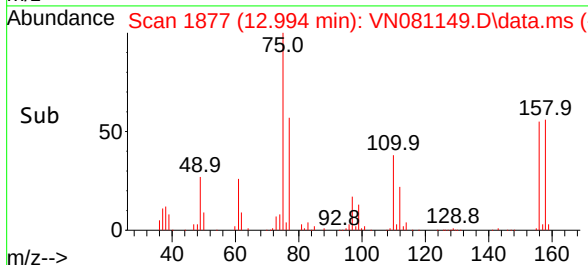
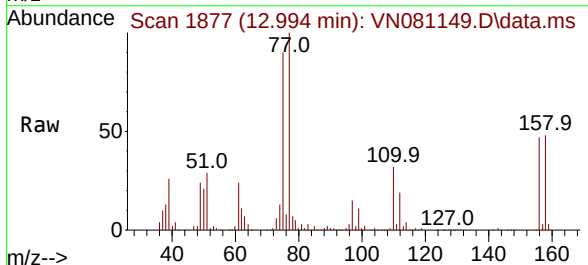
Manual Integrations
APPROVED
 Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

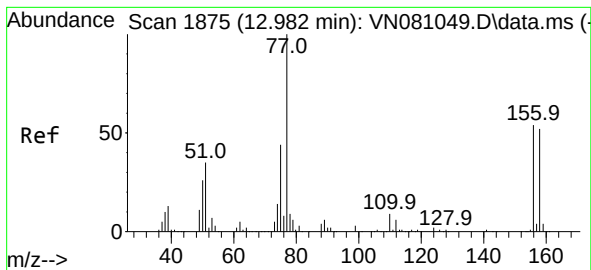


#76
 1,2,3-Trichloropropane
 Concen: 51.264 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN081149.D
 Acq: 22 Feb 2024 20:47

Tgt Ion: 75 Resp: 291839

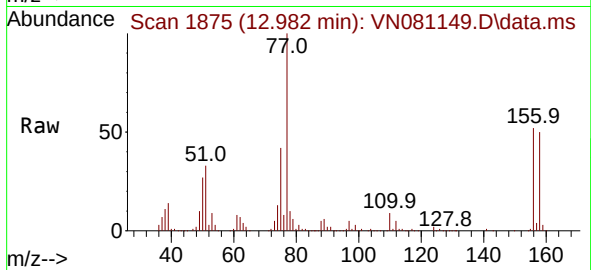
Ion	Ratio	Lower	Upper
75	100		
77	179.5	91.0	272.8





#77
Bromobenzene
Concen: 49.380 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

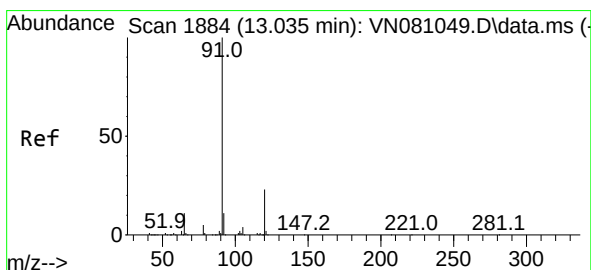
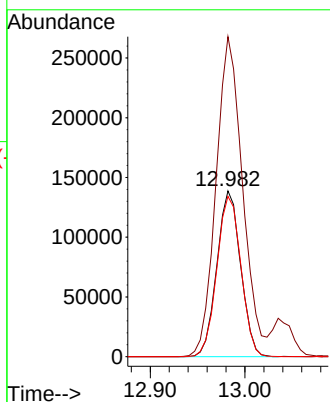
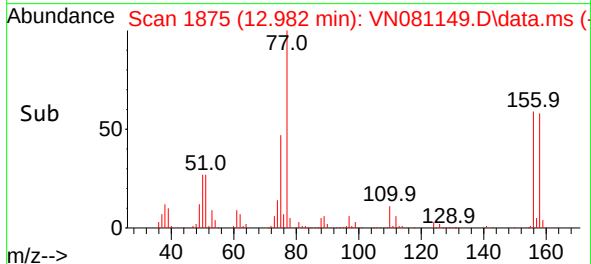
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



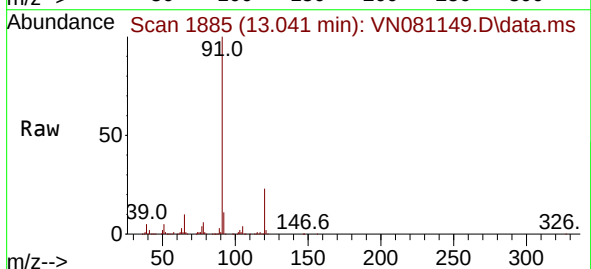
Tgt Ion:156 Resp: 24137
Ion Ratio Lower Upper
156 100
77 217.1 138.1 414.3
158 98.2 46.5 139.5

Manual Integrations
APPROVED

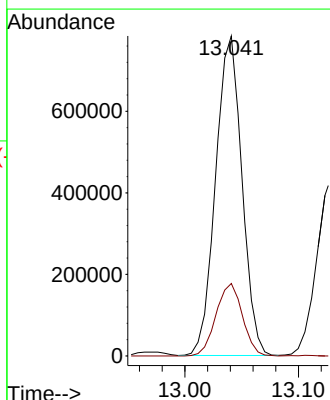
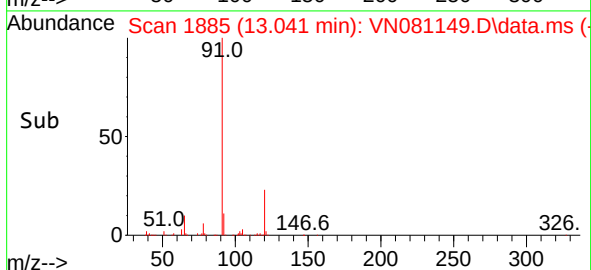
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

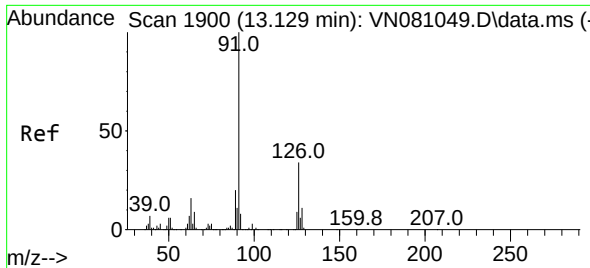


#78
n-propylbenzene
Concen: 50.031 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47



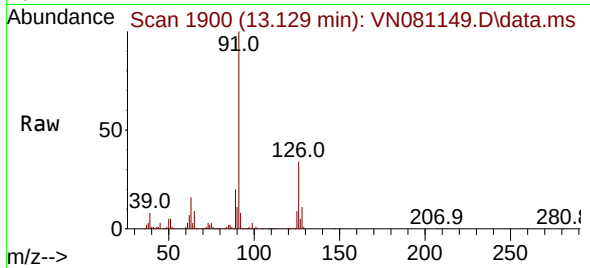
Tgt Ion: 91 Resp: 1262602
Ion Ratio Lower Upper
91 100
120 22.7 10.3 30.9





#79
2-Chlorotoluene
Concen: 47.972 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

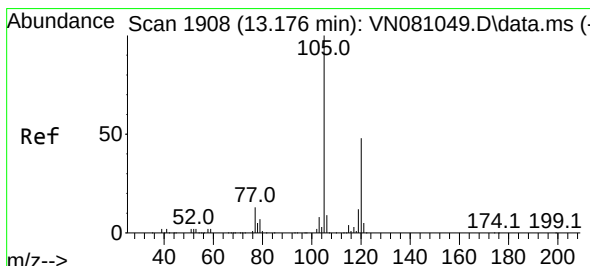
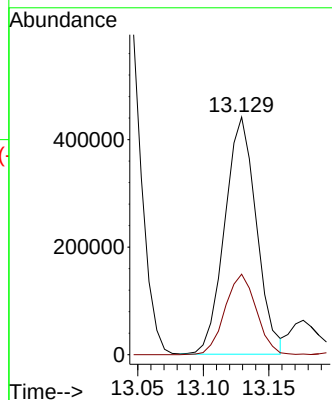
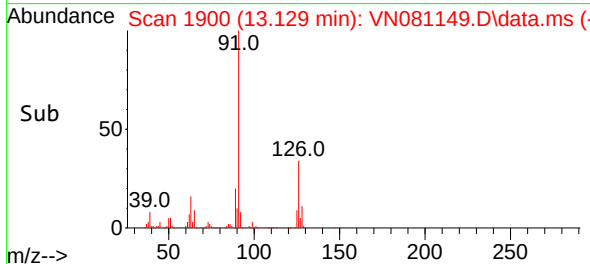
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



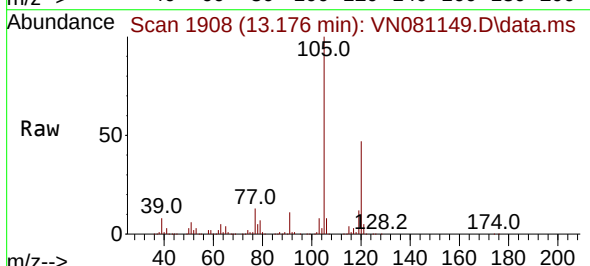
Tgt Ion: 91 Resp: 74257
Ion Ratio Lower Upper
91 100
126 33.6 14.8 44.4

Manual Integrations
APPROVED

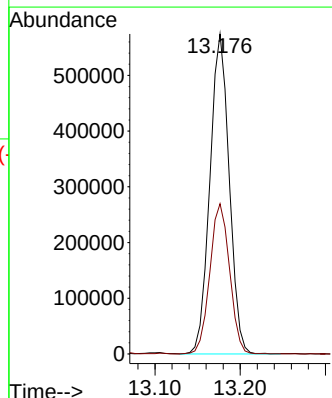
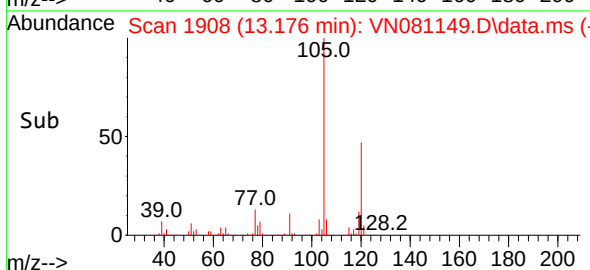
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

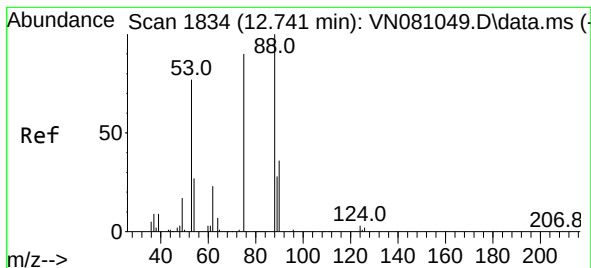


#80
1,3,5-Trimethylbenzene
Concen: 50.989 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47



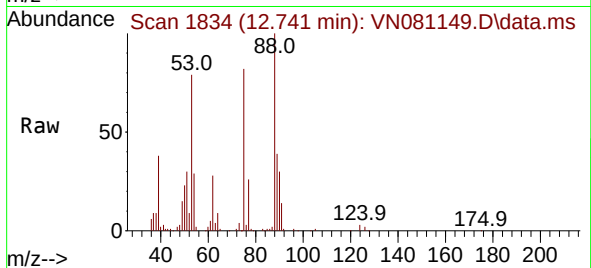
Tgt Ion:105 Resp: 906303
Ion Ratio Lower Upper
105 100
120 48.0 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 47.835 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

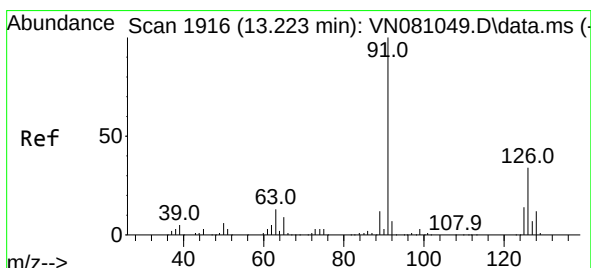
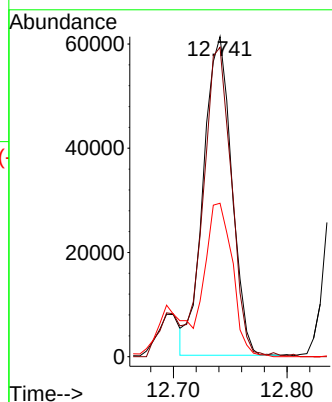
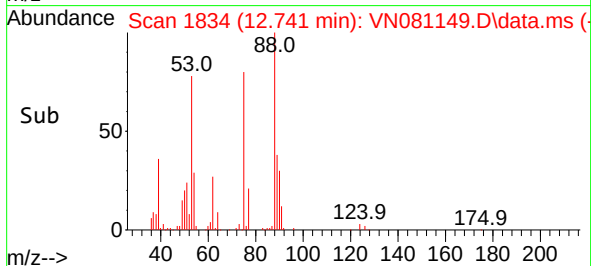
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 105800
Ion Ratio Lower Upper
75 100
53 97.1 71.4 107.2
89 46.2 33.4 50.0

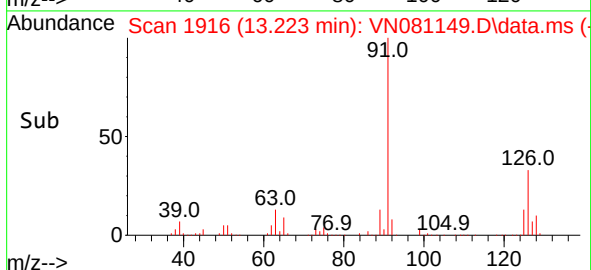
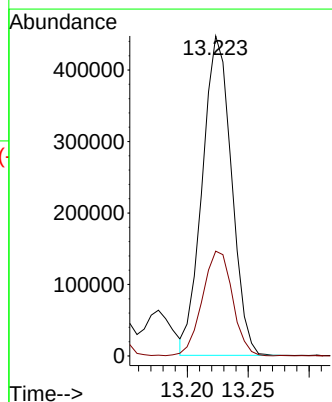
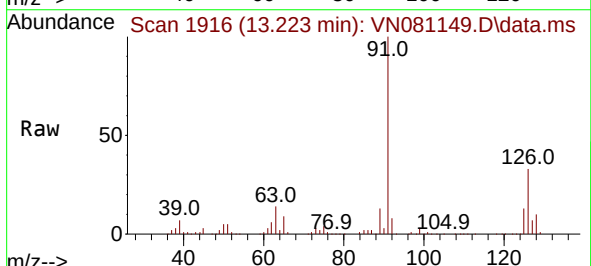
Manual Integrations
APPROVED

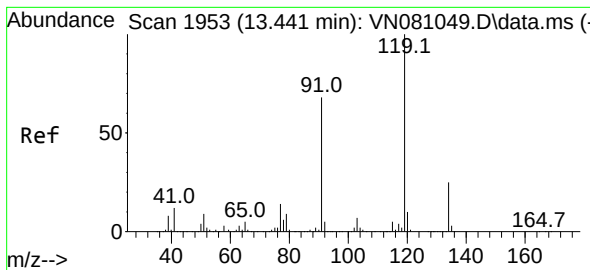
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#82
4-Chlorotoluene
Concen: 49.133 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

Tgt Ion: 91 Resp: 743650
Ion Ratio Lower Upper
91 100
126 33.9 15.3 45.9





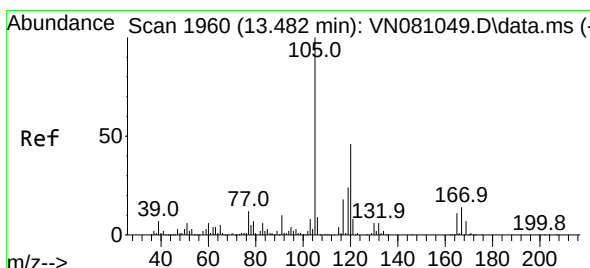
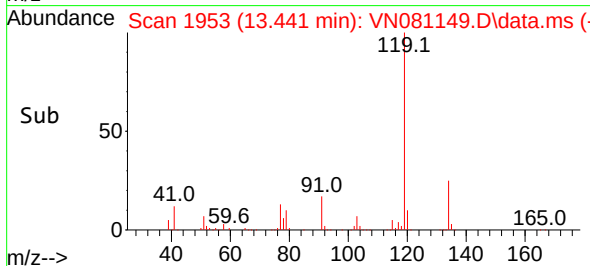
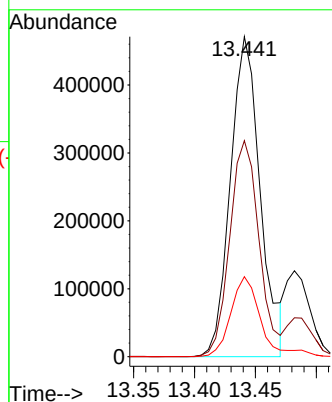
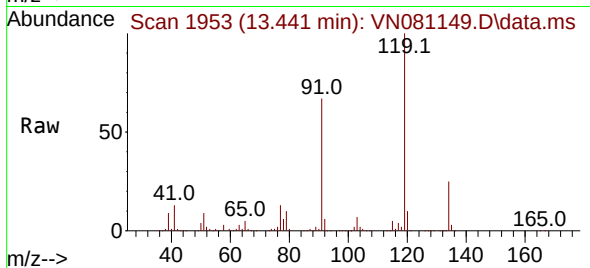
#83
tert-Butylbenzene
Concen: 52.233 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 802774
Ion Ratio Lower Upper
119 100
91 66.7 36.8 110.4
134 25.2 12.4 37.4

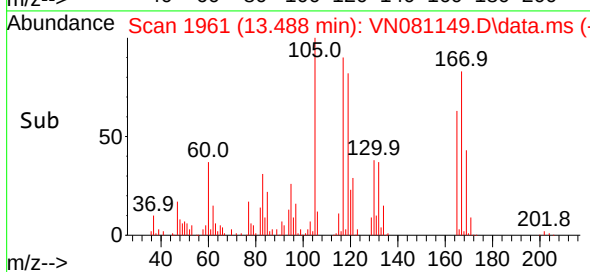
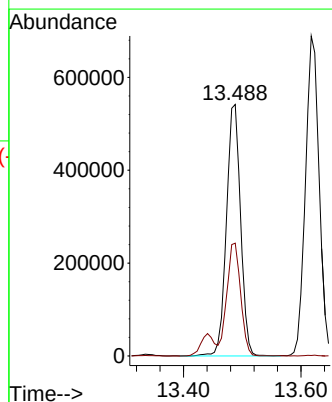
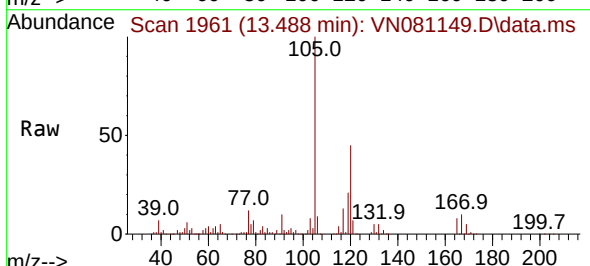
Manual Integrations
APPROVED

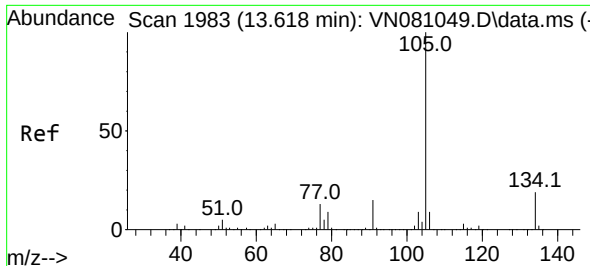
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#84
1,2,4-Trimethylbenzene
Concen: 51.038 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

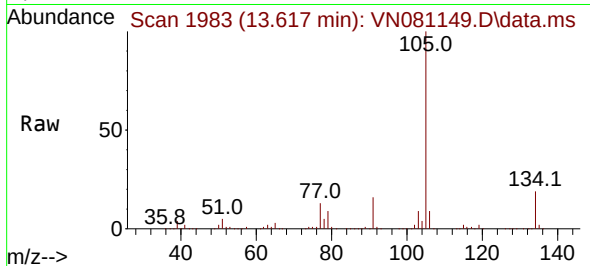
Tgt Ion:105 Resp: 903972
Ion Ratio Lower Upper
105 100
120 43.7 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 52.255 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081149.D
 Acq: 22 Feb 2024 20:47

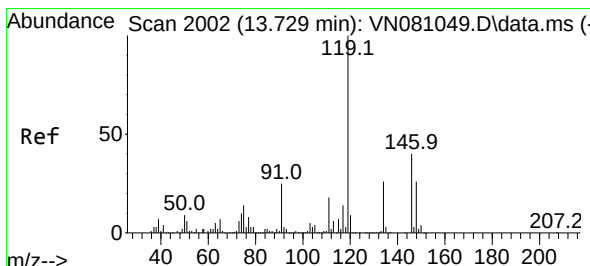
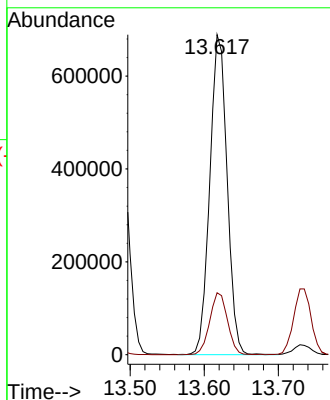
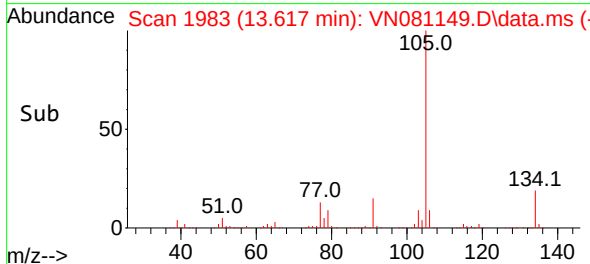
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



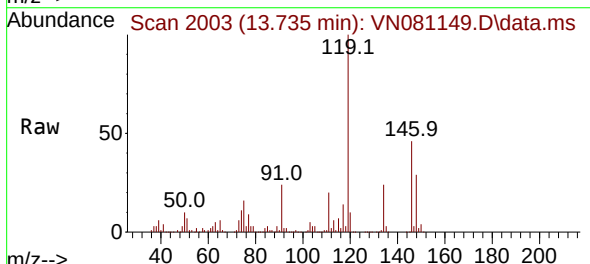
Tgt Ion:105 Resp: 111648
 Ion Ratio Lower Upper
 105 100
 134 19.8 8.6 25.8

Manual Integrations
 APPROVED

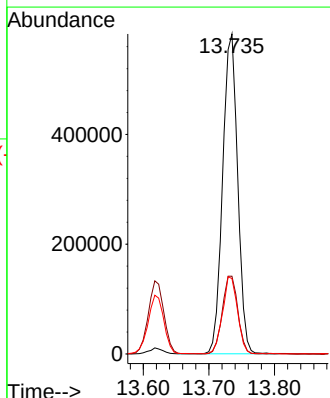
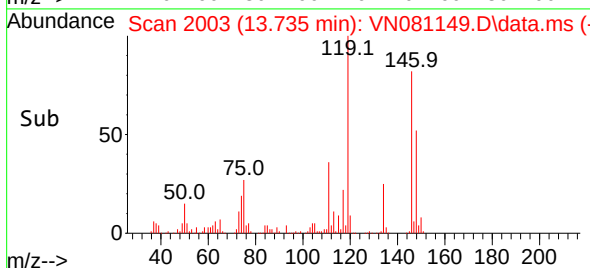
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

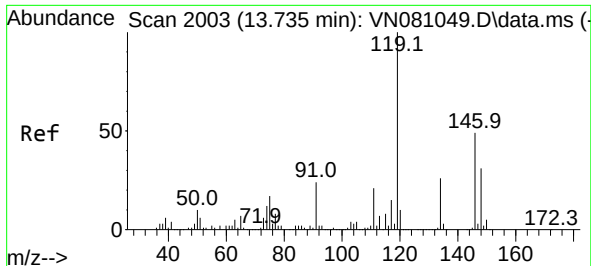


#86
 p-Isopropyltoluene
 Concen: 52.055 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081149.D
 Acq: 22 Feb 2024 20:47



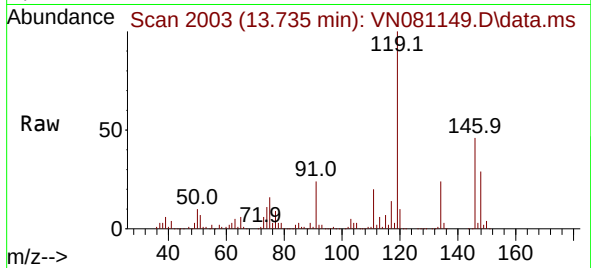
Tgt Ion:119 Resp: 923825
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.4 37.2
 91 23.8 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 48.381 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

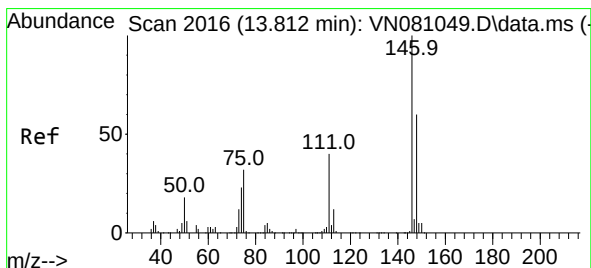
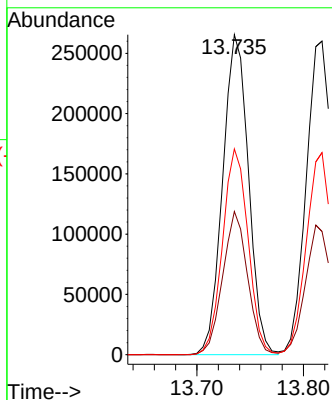
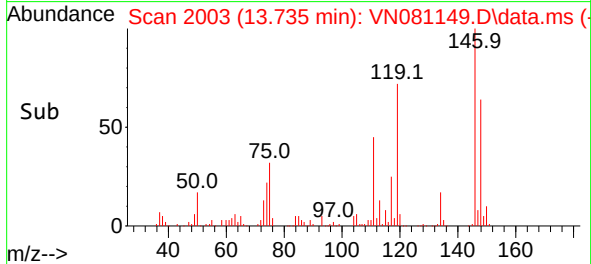
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 446832
Ion Ratio Lower Upper
146 100
111 43.3 23.9 71.7
148 63.6 32.6 97.7

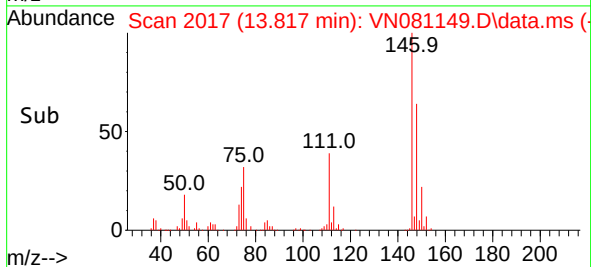
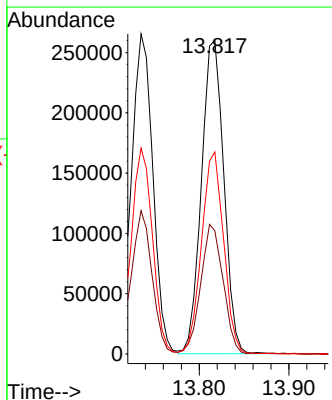
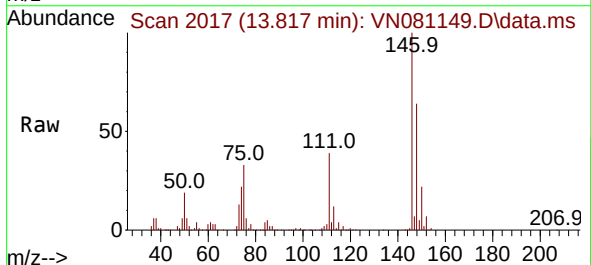
Manual Integrations
APPROVED

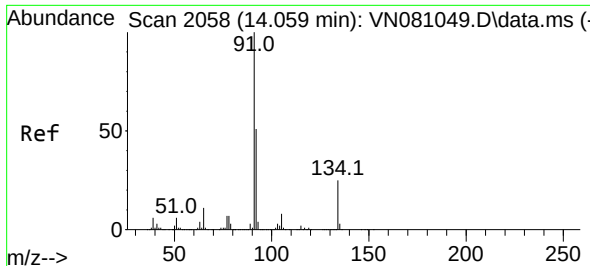
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#88
1,4-Dichlorobenzene
Concen: 49.678 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

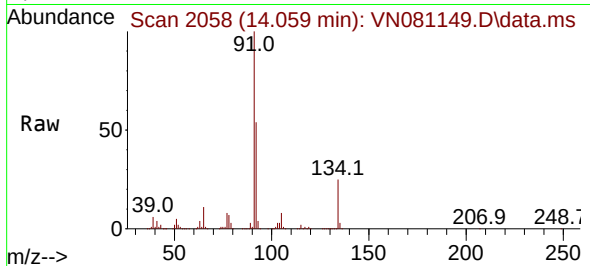
Tgt Ion:146 Resp: 450838
Ion Ratio Lower Upper
146 100
111 41.0 22.6 67.7
148 63.8 31.9 95.5





#89
n-Butylbenzene
Concen: 52.214 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

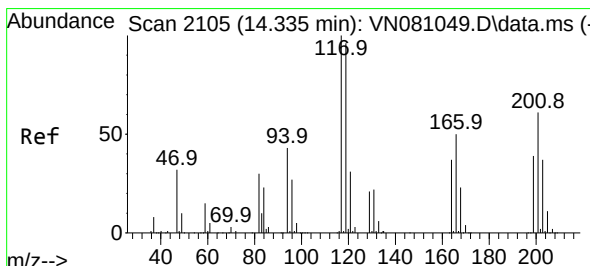
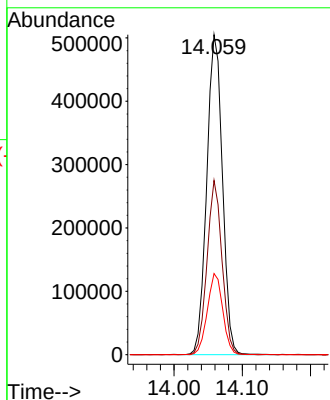
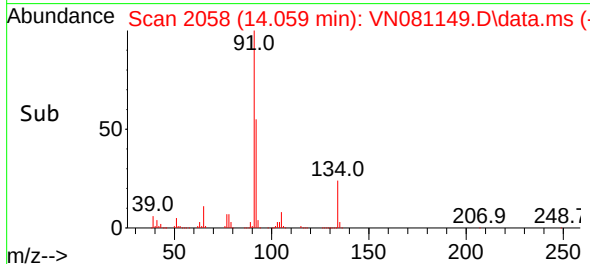
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 80729
Ion Ratio Lower Upper
91 100
92 52.0 26.7 80.1
134 25.0 10.8 32.4

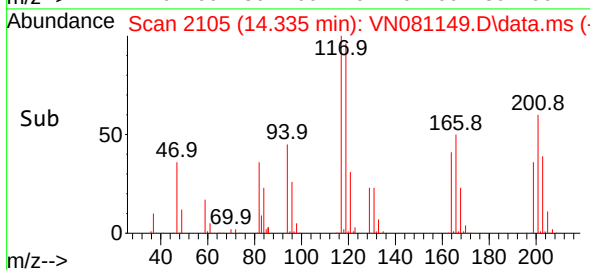
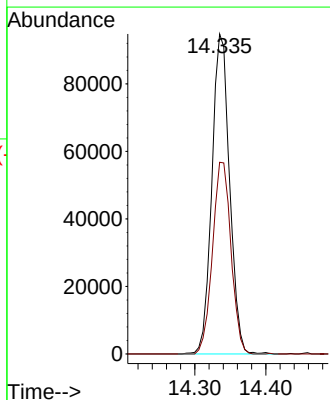
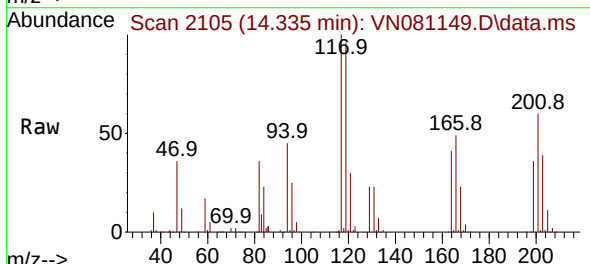
Manual Integrations
APPROVED

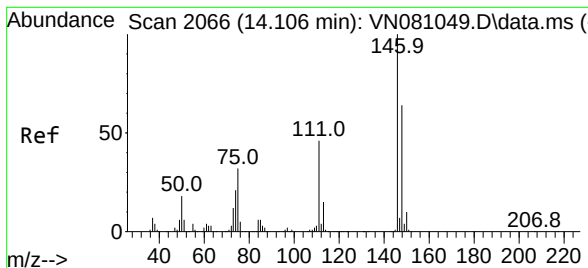
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#90
Hexachloroethane
Concen: 55.749 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

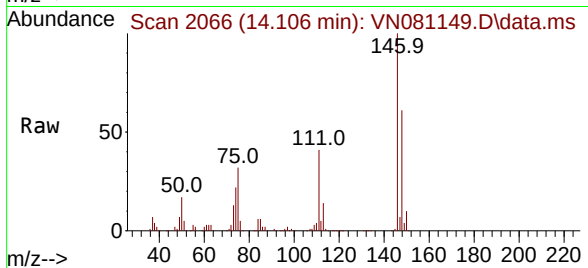
Tgt Ion:117 Resp: 163541
Ion Ratio Lower Upper
117 100
201 62.5 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 48.753 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47

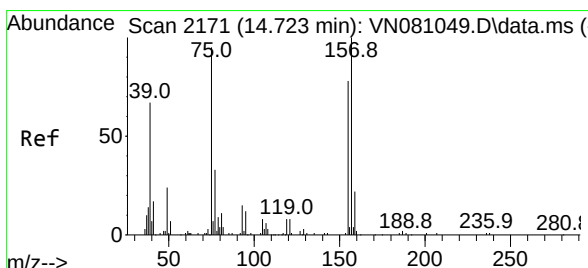
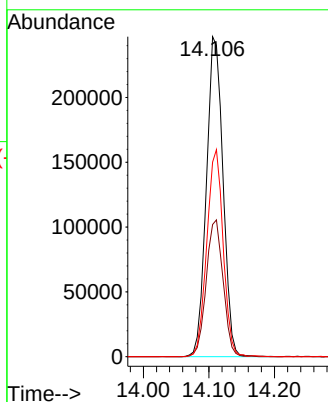
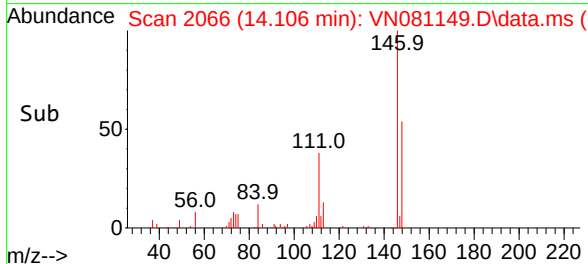
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



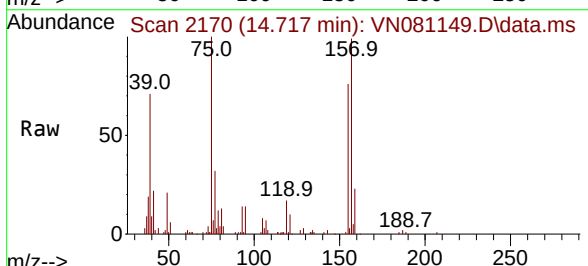
Tgt Ion:146 Resp: 434274
Ion Ratio Lower Upper
146 100
111 43.5 23.9 71.8
148 63.6 31.4 94.0

Manual Integrations
APPROVED

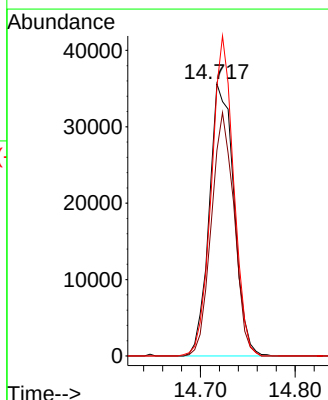
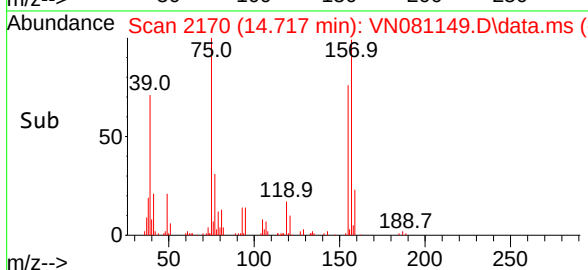
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

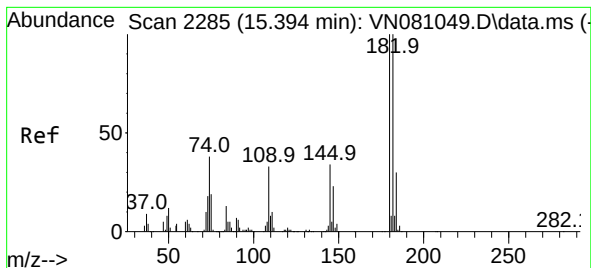


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.364 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081149.D
Acq: 22 Feb 2024 20:47



Tgt Ion: 75 Resp: 64548
Ion Ratio Lower Upper
75 100
155 82.3 31.8 95.4
157 105.5 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 50.816 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081149.D

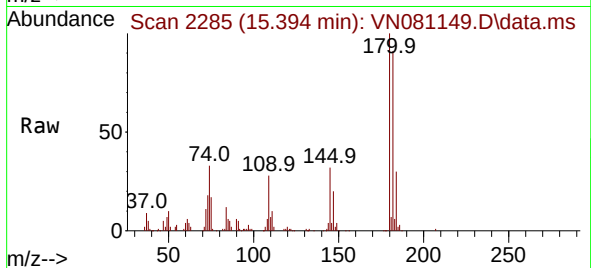
Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 25253

Ion Ratio Lower Upper

180 100

182 93.4 46.6 139.7

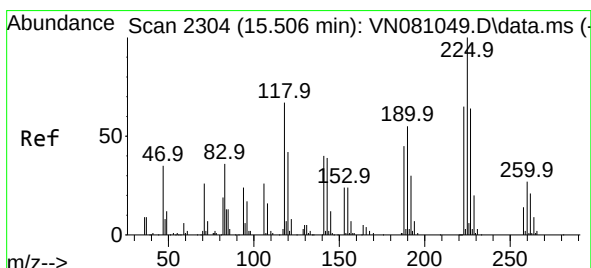
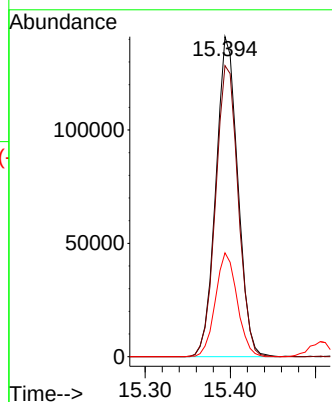
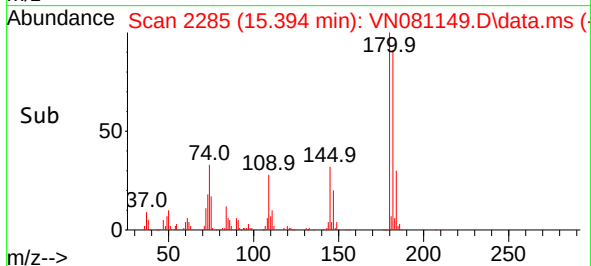
145 32.1 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#94

Hexachlorobutadiene

Concen: 48.996 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

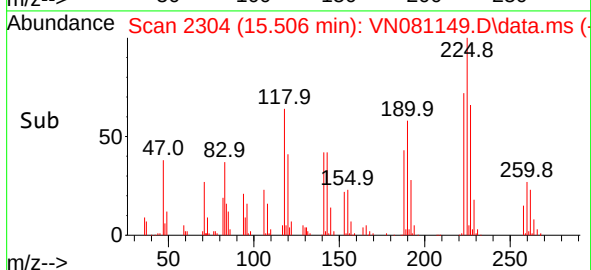
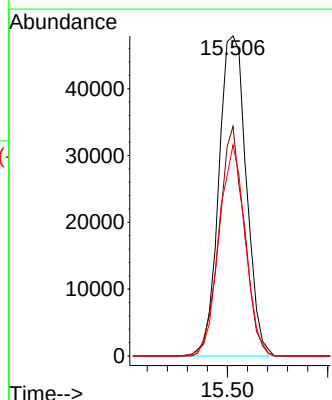
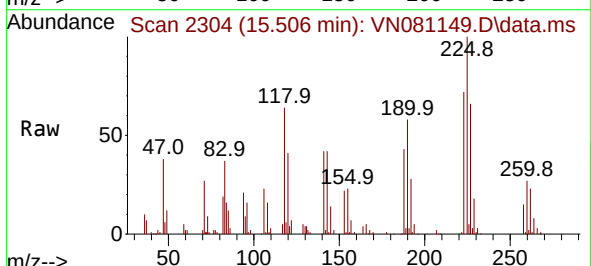
Tgt Ion:225 Resp: 90808

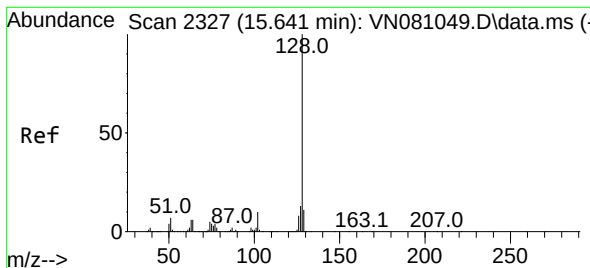
Ion Ratio Lower Upper

225 100

223 65.8 33.3 99.8

227 63.3 33.1 99.2





#95

Naphthalene

Concen: 51.414 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 936292

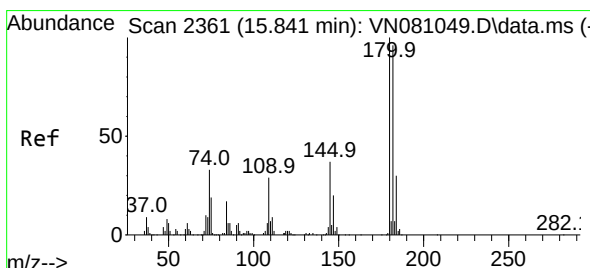
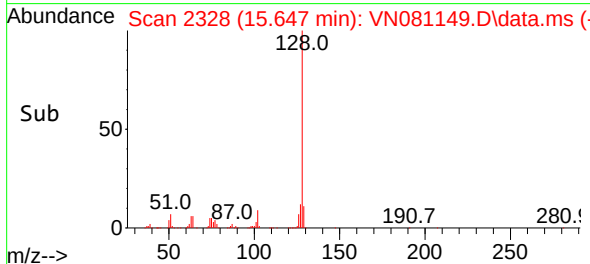
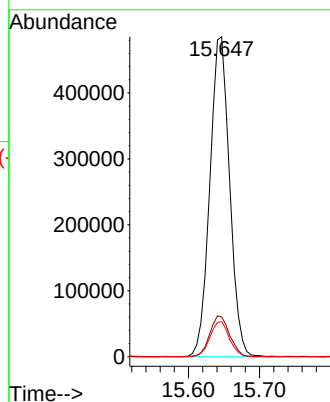
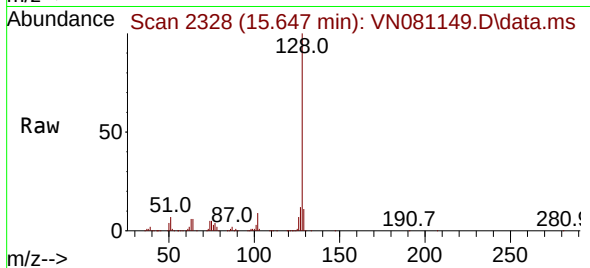
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 51.266 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081149.D

Acq: 22 Feb 2024 20:47

Tgt Ion:180 Resp: 252738

Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.5	139.3
145	34.8	17.8	53.4

