

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
 Data File : VN081085.D
 Acq On : 19 Feb 2024 18:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2024
 Supervised By : Mahesh Dadoda 02/20/2024

Quant Time: Feb 20 00:26:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	351804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	661679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	590625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	273604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	225836	52.372	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.740%			
35) Dibromofluoromethane	8.165	113	191354	51.142	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.280%			
50) Toluene-d8	10.571	98	653813	49.199	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.400%			
62) 4-Bromofluorobenzene	12.853	95	262658	52.601	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	229564	50.458	ug/l	97
3) Chloromethane	2.365	50	227110	45.643	ug/l	95
4) Vinyl Chloride	2.518	62	240394	47.569	ug/l	95
5) Bromomethane	2.953	94	160050	44.590	ug/l	95
6) Chloroethane	3.118	64	159316	48.736	ug/l	99
7) Trichlorofluoromethane	3.501	101	348285	47.175	ug/l	100
8) Diethyl Ether	3.959	74	131050	48.551	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	190554	46.299	ug/l	92
10) Methyl Iodide	4.589	142	249744	54.363	ug/l	100
11) Tert butyl alcohol	5.512	59	236755	298.549	ug/l	99
12) 1,1-Dichloroethene	4.342	96	185323	46.582	ug/l	93
13) Acrolein	4.183	56	131964	310.474	ug/l	100
14) Allyl chloride	5.030	41	280994	47.601	ug/l #	92
15) Acrylonitrile	5.718	53	514866	248.595	ug/l	96
16) Acetone	4.418	43	406228	239.418	ug/l	98
17) Carbon Disulfide	4.718	76	475848	42.882	ug/l #	95
18) Methyl Acetate	5.024	43	237403	57.356	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	691088	50.718	ug/l	95
20) Methylene Chloride	5.277	84	216301	49.264	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	198898	44.809	ug/l	94
22) Diisopropyl ether	6.671	45	675711	50.461	ug/l #	96
23) Vinyl Acetate	6.600	43	2632768	242.329	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	387864	50.094	ug/l	96
25) 2-Butanone	7.483	43	670519	244.616	ug/l	94
26) 2,2-Dichloropropane	7.494	77	329670	45.441	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	243001	47.119	ug/l	86
28) Bromochloromethane	7.812	49	174560	54.382	ug/l #	66
29) Tetrahydrofuran	7.841	42	458728	250.695	ug/l #	88
30) Chloroform	7.965	83	408406	49.617	ug/l	100
31) Cyclohexane	8.253	56	323582	43.459	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	361830	48.267	ug/l	94
36) 1,1-Dichloropropene	8.371	75	287966	44.923	ug/l	96
37) Ethyl Acetate	7.559	43	289413	50.026	ug/l	99
38) Carbon Tetrachloride	8.365	117	309908	47.786	ug/l	92
39) Methylcyclohexane	9.606	83	328872	44.011	ug/l	92
40) Benzene	8.606	78	885091	47.703	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	158301	48.079	ug/l	96
42) 1,2-Dichloroethane	8.671	62	319101	49.295	ug/l	98
43) Isopropyl Acetate	8.688	43	995725	98.412	ug/l #	83
44) Trichloroethene	9.353	130	217024	43.916	ug/l	94
45) 1,2-Dichloropropane	9.624	63	226663	48.837	ug/l	99
46) Dibromomethane	9.712	93	164040	48.509	ug/l	92
47) Bromodichloromethane	9.888	83	320666	50.068	ug/l #	99
48) Methyl methacrylate	9.682	41	227801	48.386	ug/l	89
49) 1,4-Dioxane	9.694	88	91962	1064.031	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1466187	251.906	ug/l	95
52) Toluene	10.629	92	554575	47.213	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	357291	50.201	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	373037	48.512	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	228818	50.648	ug/l	92
56) Ethyl methacrylate	10.877	69	350488	50.761	ug/l	88
57) 1,3-Dichloropropane	11.165	76	381980	48.899	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	843300	243.421	ug/l #	86
59) 2-Hexanone	11.200	43	1098173	237.988	ug/l	95
60) Dibromochloromethane	11.359	129	242061	50.436	ug/l	99
61) 1,2-Dibromoethane	11.471	107	231447	48.718	ug/l	97
64) Tetrachloroethene	11.106	164	178173	44.200	ug/l	88
65) Chlorobenzene	11.894	112	594949	46.542	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	225870	49.195	ug/l	97
67) Ethyl Benzene	11.965	91	1058191	46.262	ug/l	96
68) m/p-Xylenes	12.076	106	816052	93.076	ug/l	96
69) o-Xylene	12.400	106	404861	46.585	ug/l	95
70) Styrene	12.412	104	669840	48.639	ug/l	97
71) Bromoform	12.582	173	166165	57.044	ug/l #	99
73) Isopropylbenzene	12.694	105	1041799	43.520	ug/l	97
74) N-amyl acetate	12.494	43	474225	46.873	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	324546	48.215	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	244808m	39.381	ug/l	
77) Bromobenzene	12.982	156	241405	45.227	ug/l	76
78) n-propylbenzene	13.035	91	1228895	44.594	ug/l	95
79) 2-Chlorotoluene	13.129	91	729376	43.150	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	874570	45.059	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	126950	52.563	ug/l	97
82) 4-Chlorotoluene	13.223	91	727731	44.031	ug/l	95
83) tert-Butylbenzene	13.441	119	747306	44.528	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	889567	45.994	ug/l	96
85) sec-Butylbenzene	13.618	105	1056150	45.267	ug/l	94
86) p-Isopropyltoluene	13.729	119	881412	45.482	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	445527	44.176	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	457620	46.178	ug/l	96
89) n-Butylbenzene	14.059	91	788361	46.695	ug/l	96
90) Hexachloroethane	14.335	117	157889	49.289	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	442405	45.482	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	67615	48.314	ug/l	74
93) 1,2,4-Trichlorobenzene	15.394	180	251287	46.306	ug/l	99
94) Hexachlorobutadiene	15.506	225	86988	42.982	ug/l	95
95) Naphthalene	15.641	128	952763	47.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	252836	46.966	ug/l	99

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

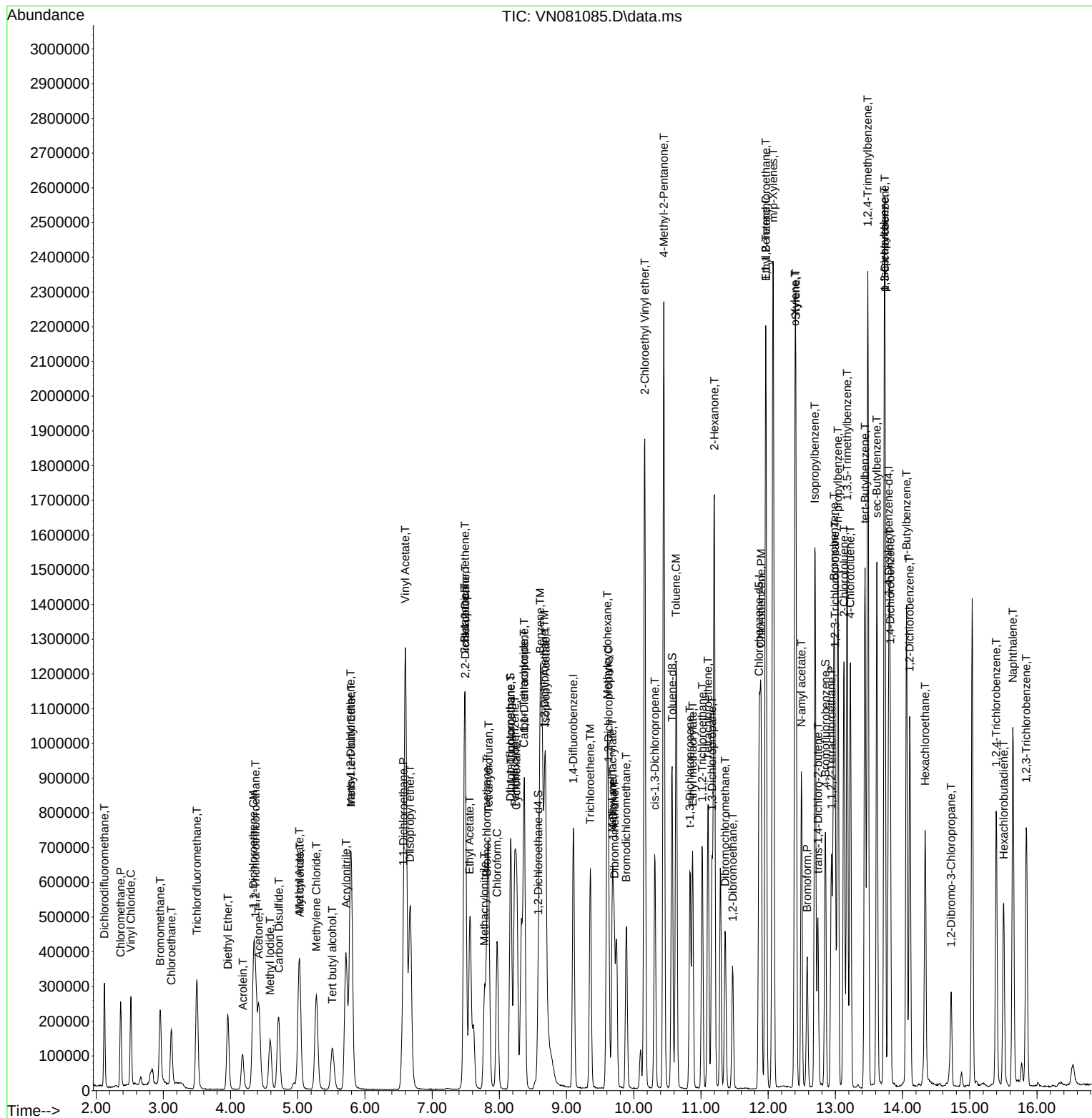
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
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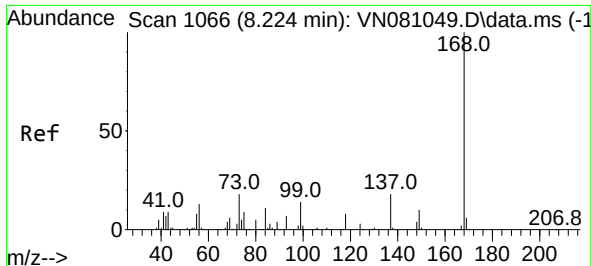
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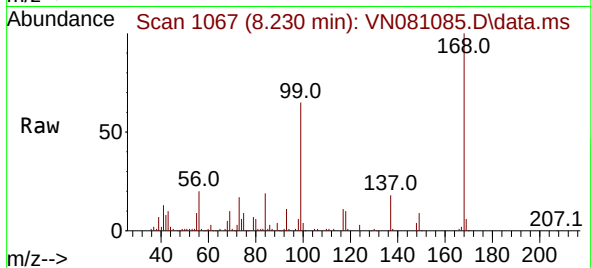
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081085.D
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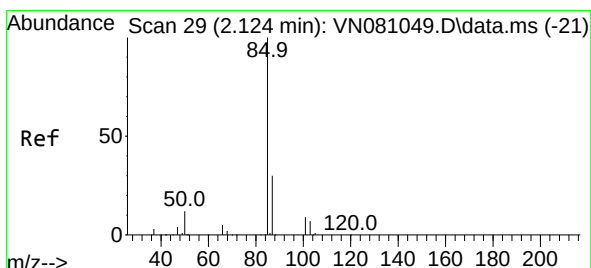
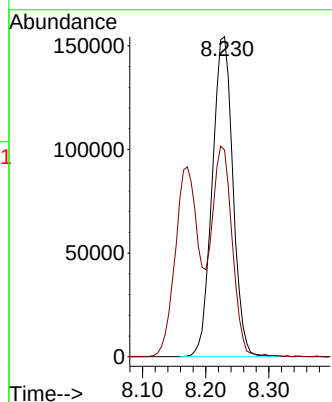
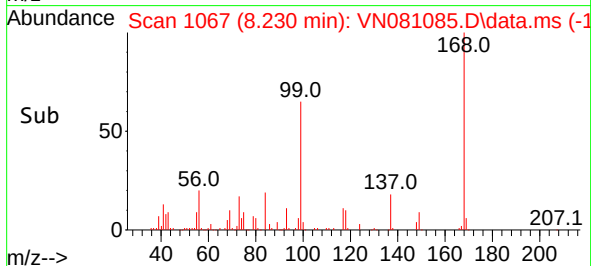
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MSVOA_N
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Tgt Ion:168 Resp: 351804
Ion Ratio Lower Upper
168 100
99 64.4 59.9 89.9

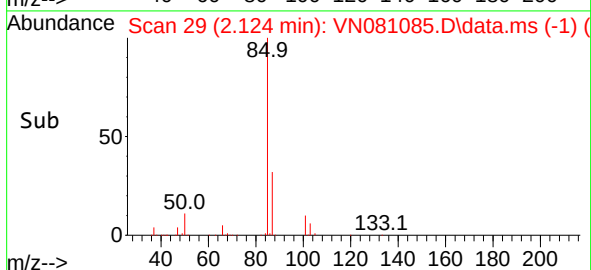
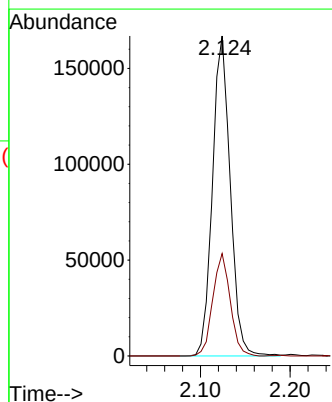
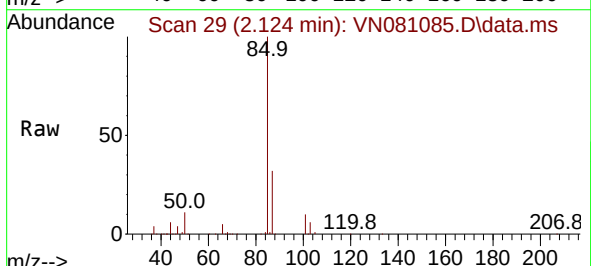
Manual Integrations
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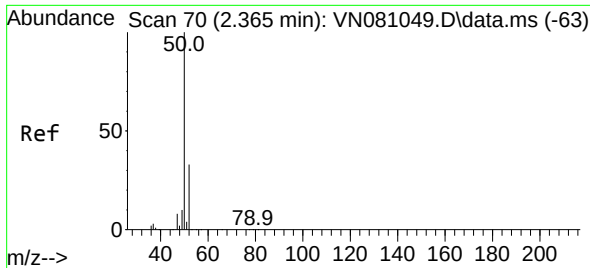
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#2
Dichlorodifluoromethane
Concen: 50.458 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

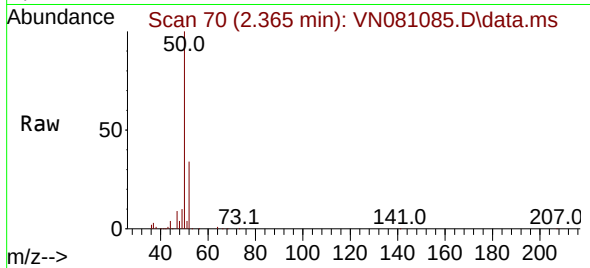
Tgt Ion: 85 Resp: 229564
Ion Ratio Lower Upper
85 100
87 32.0 15.3 45.9





#3
Chloromethane
Concen: 45.643 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

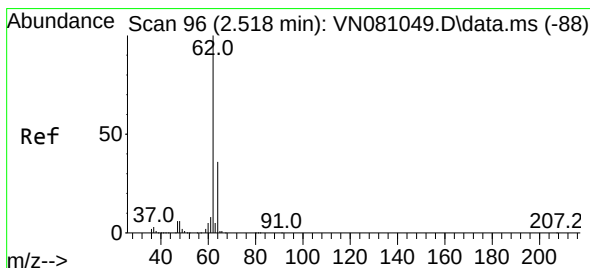
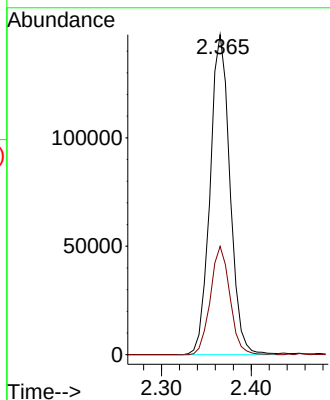
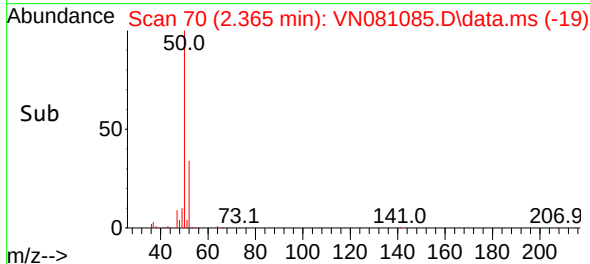
Instrument :
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Tgt Ion: 50 Resp: 227110
Ion Ratio Lower Upper
50 100
52 33.9 25.0 37.4

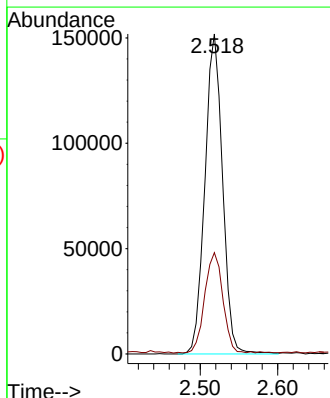
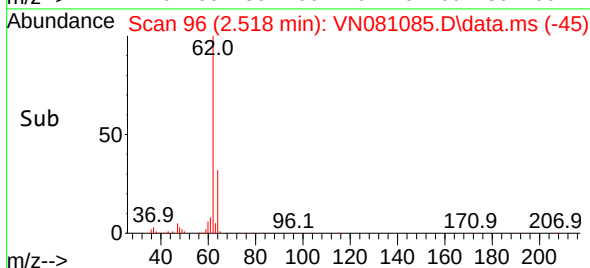
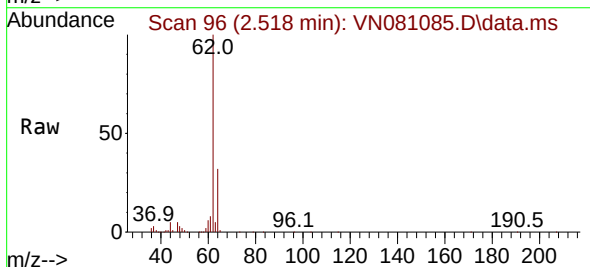
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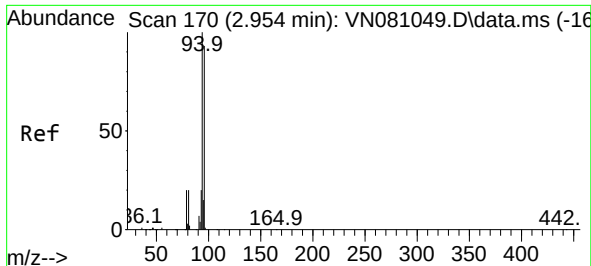
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#4
Vinyl Chloride
Concen: 47.569 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

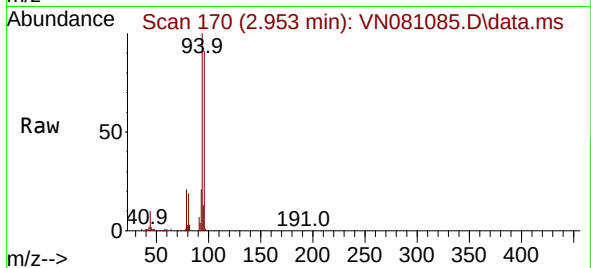
Tgt Ion: 62 Resp: 240394
Ion Ratio Lower Upper
62 100
64 31.2 22.7 34.1





#5
Bromomethane
Concen: 44.590 ug/l
RT: 2.953 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

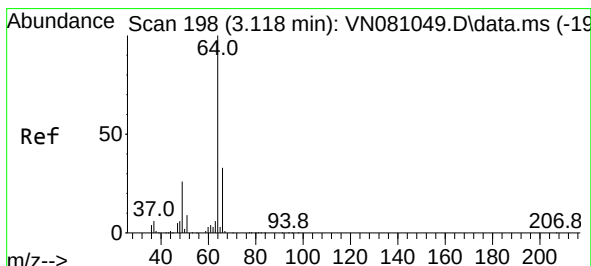
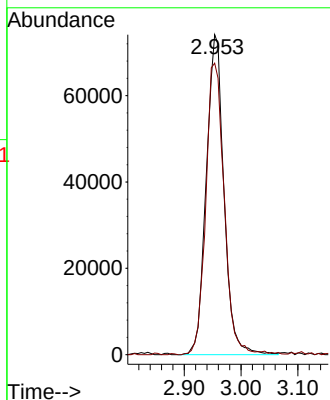
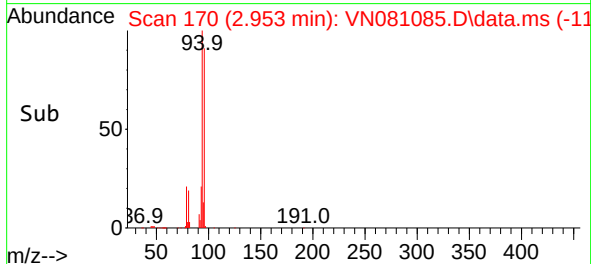
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Tgt Ion: 94 Resp: 160050
Ion Ratio Lower Upper
94 100
96 91.1 69.2 103.8

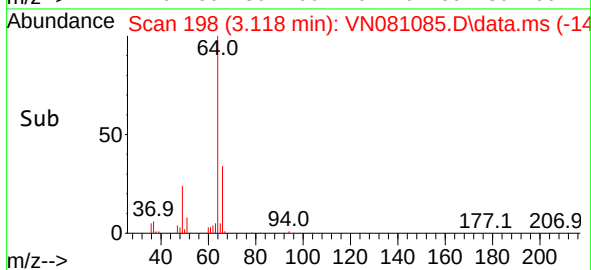
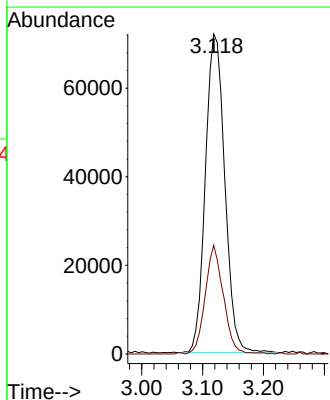
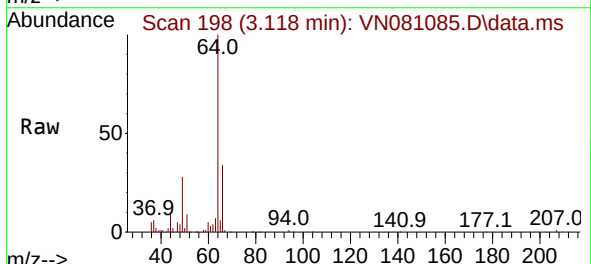
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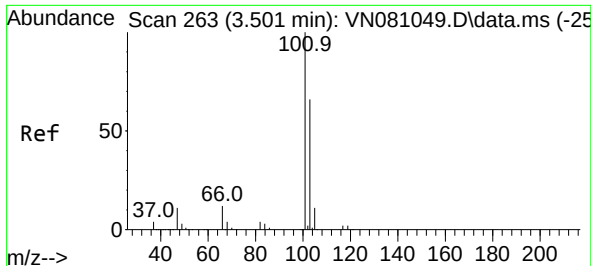
Reviewed By :John Carlone 02/20/2024
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#6
Chloroethane
Concen: 48.736 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081085.D
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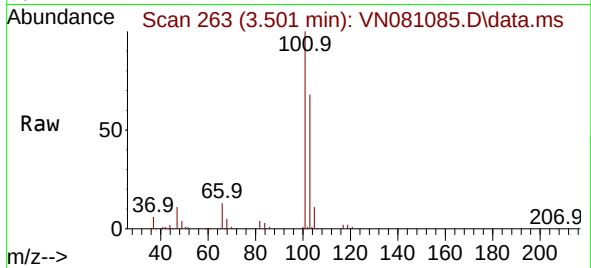
Tgt Ion: 64 Resp: 159316
Ion Ratio Lower Upper
64 100
66 33.8 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 47.175 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN081085.D
 Acq: 19 Feb 2024 18:53

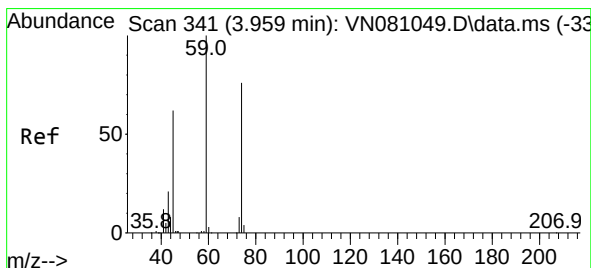
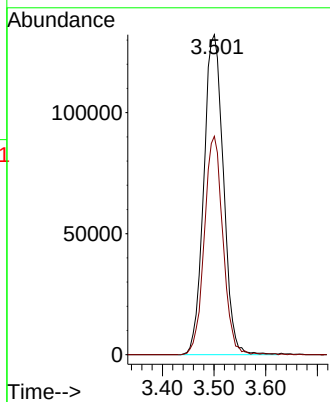
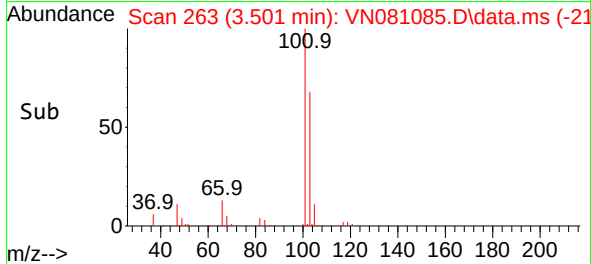
Instrument :
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Tgt Ion:101 Resp: 34828
 Ion Ratio Lower Upper
 101 100
 103 68.2 54.4 81.6

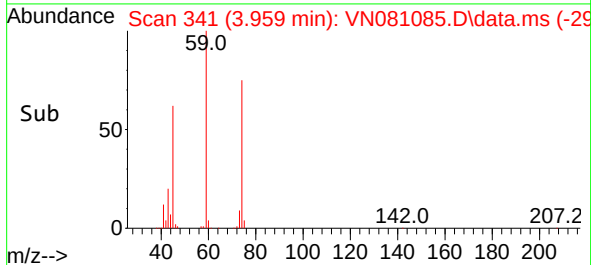
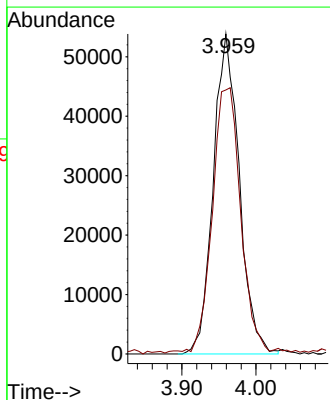
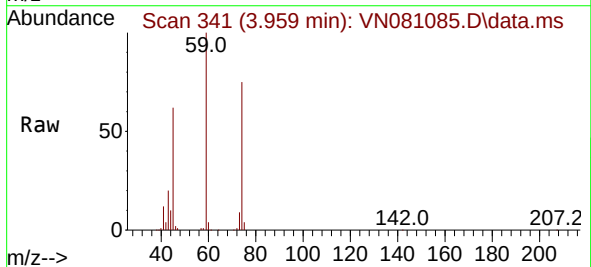
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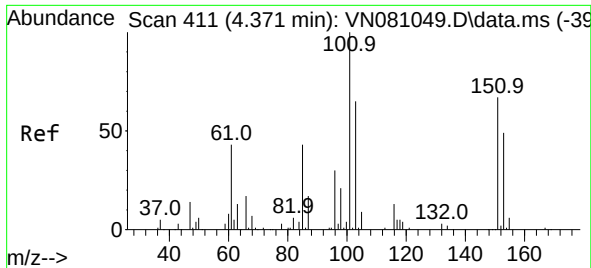
Reviewed By :John Carlone 02/20/2024
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#8
 Diethyl Ether
 Concen: 48.551 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 131050
 Ion Ratio Lower Upper
 74 100
 45 90.4 53.3 159.9





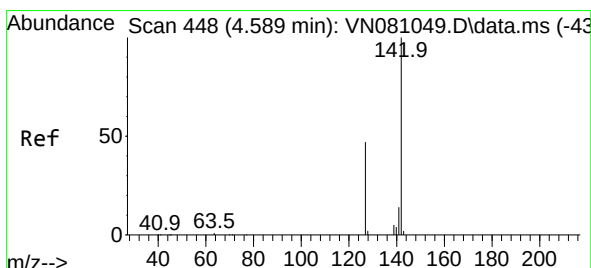
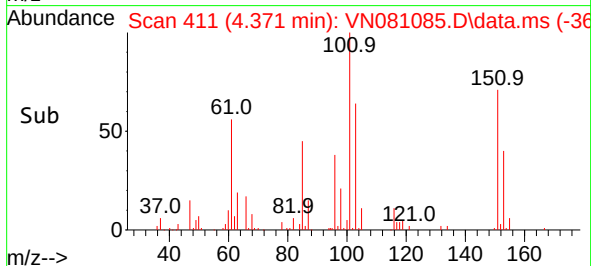
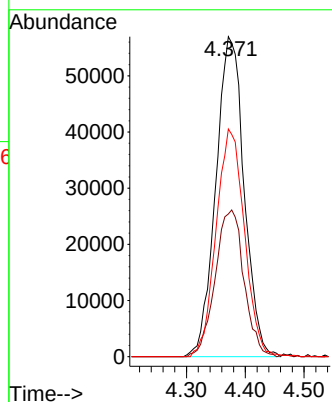
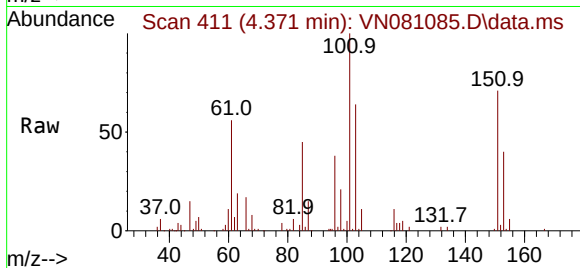
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.299 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 190554
Ion Ratio Lower Upper
101 100
85 46.6 38.1 57.1
151 71.2 49.1 73.7

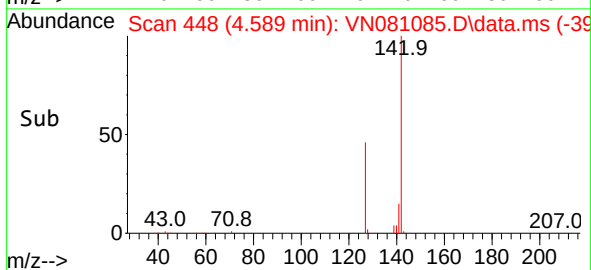
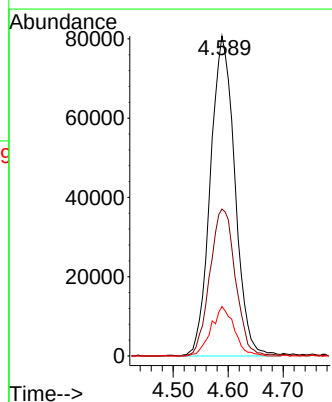
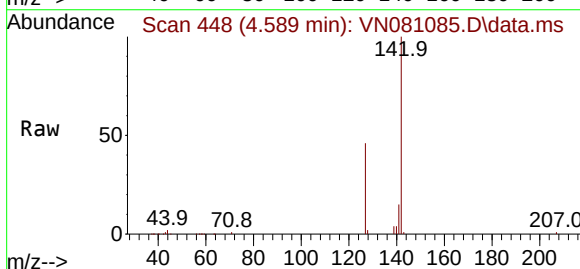
Manual Integrations
APPROVED

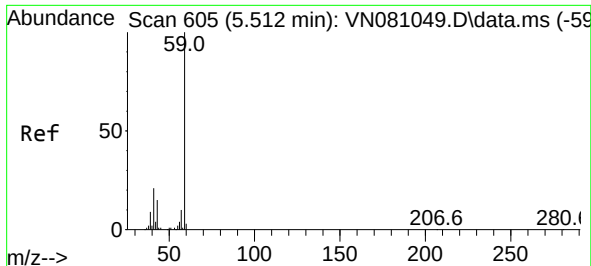
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#10
Methyl Iodide
Concen: 54.363 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

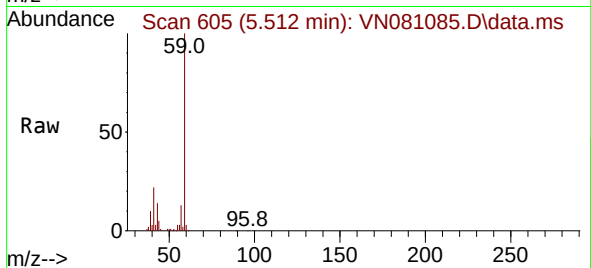
Tgt Ion:142 Resp: 249744
Ion Ratio Lower Upper
142 100
127 45.9 37.0 55.4
141 15.5 12.5 18.7





#11
Tert butyl alcohol
Concen: 298.549 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

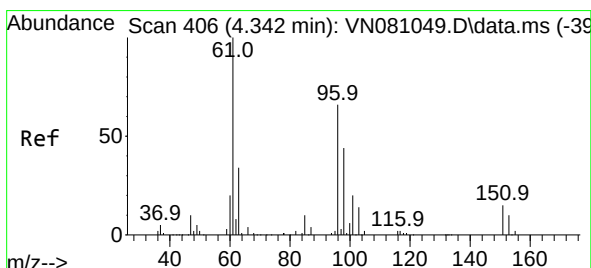
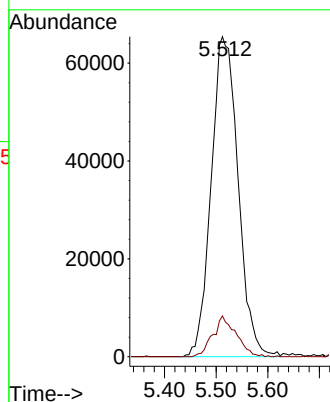
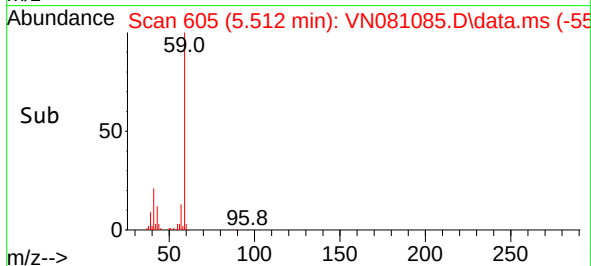
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



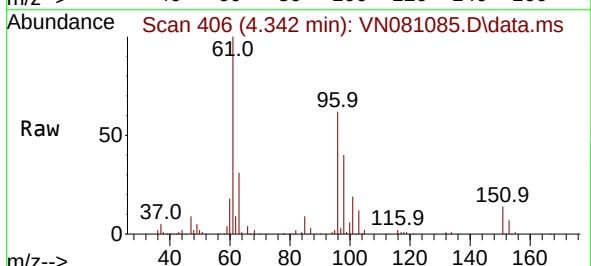
Tgt Ion: 59 Resp: 236758
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

Manual Integrations
APPROVED

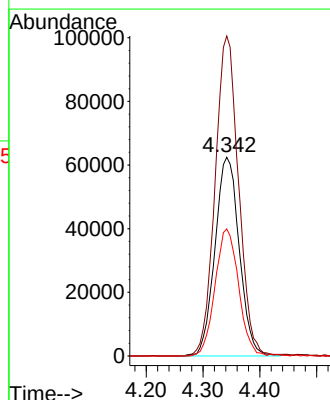
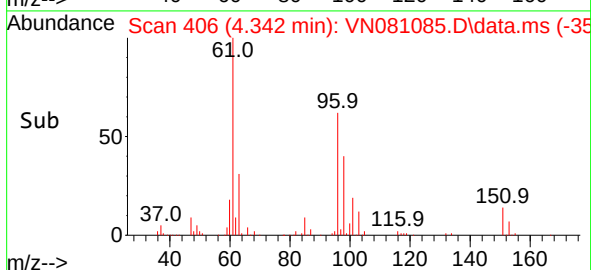
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

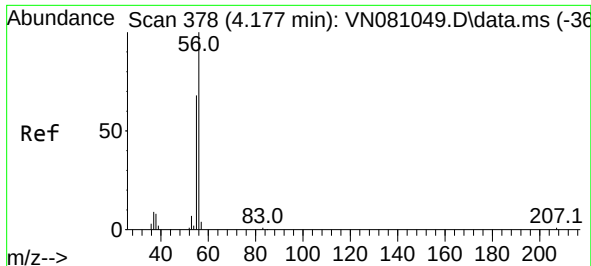


#12
1,1-Dichloroethene
Concen: 46.582 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53



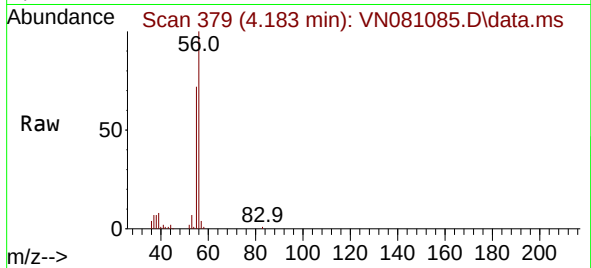
Tgt Ion: 96 Resp: 185323
Ion Ratio Lower Upper
96 100
61 161.0 138.2 207.4
98 63.9 49.2 73.8





#13
Acrolein
Concen: 310.474 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

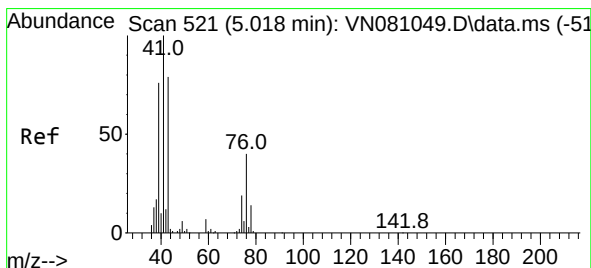
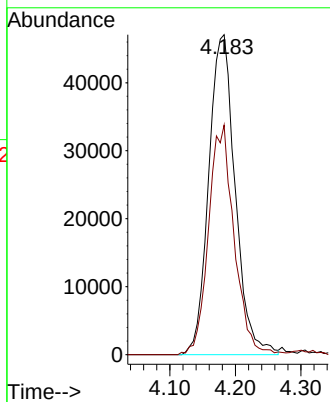
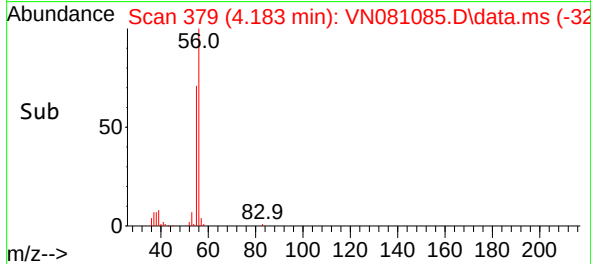
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 131964
Ion Ratio Lower Upper
56 100
55 69.4 55.3 82.9

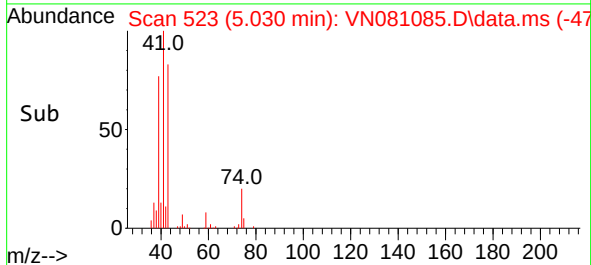
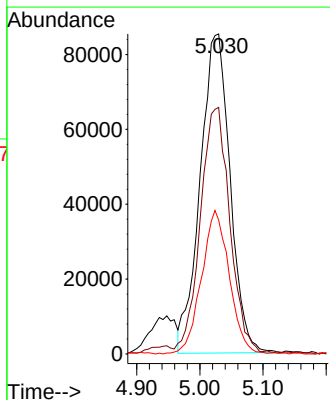
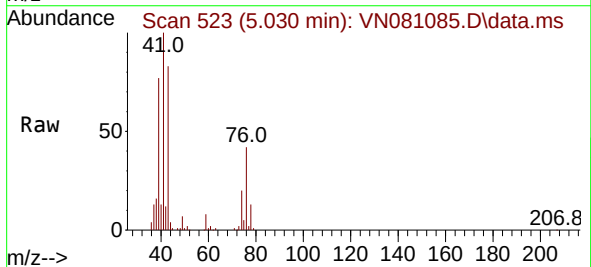
Manual Integrations
APPROVED

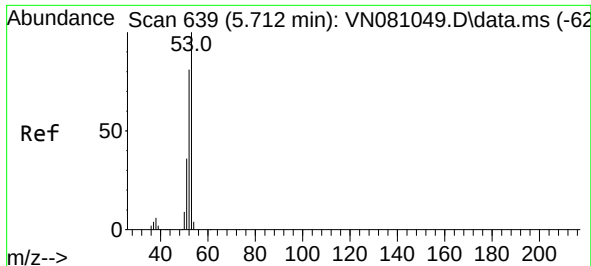
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#14
Allyl chloride
Concen: 47.601 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

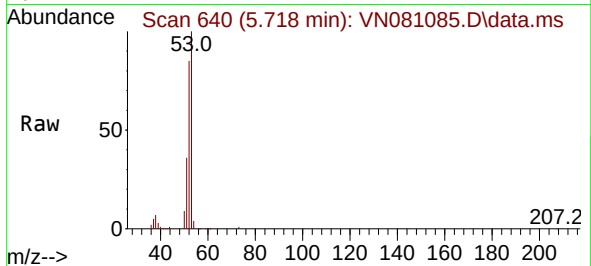
Tgt Ion: 41 Resp: 280994
Ion Ratio Lower Upper
41 100
39 75.6 57.7 86.5
76 41.9 26.8 40.2#





#15
Acrylonitrile
Concen: 248.595 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

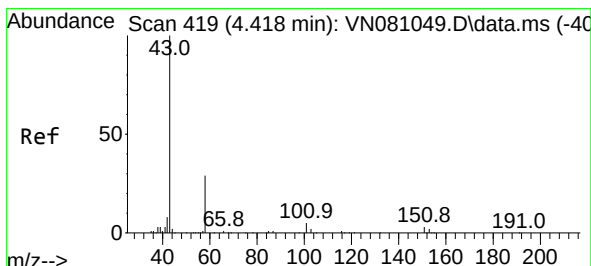
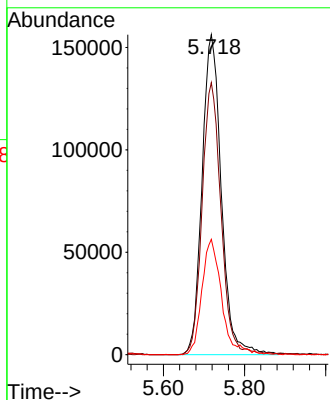
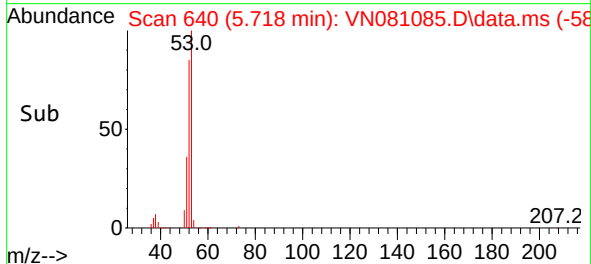
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



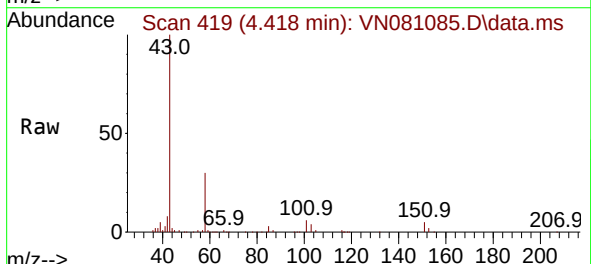
Tgt Ion: 53 Resp: 514860
Ion Ratio Lower Upper
53 100
52 83.2 64.8 97.2
51 36.9 26.9 40.3

Manual Integrations
APPROVED

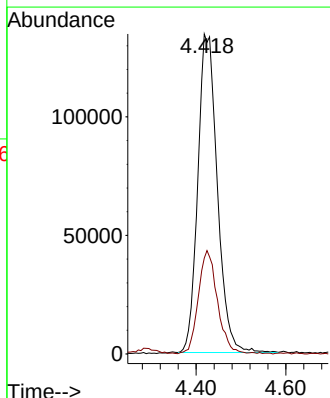
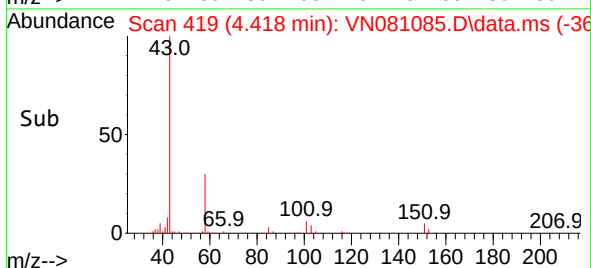
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

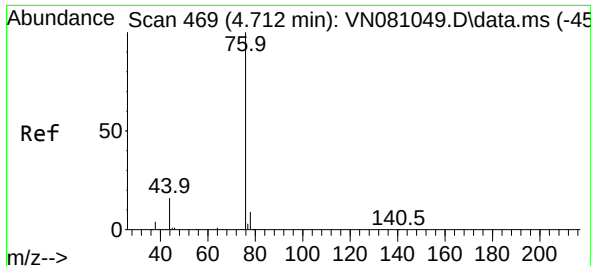


#16
Acetone
Concen: 239.418 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53



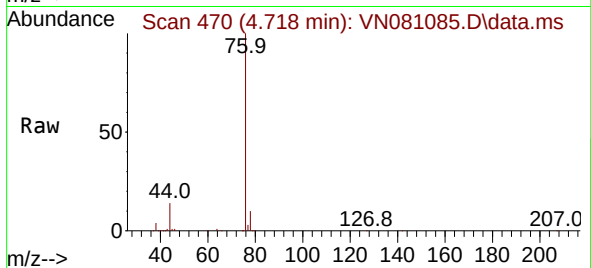
Tgt Ion: 43 Resp: 406228
Ion Ratio Lower Upper
43 100
58 30.0 24.8 37.2





#17
Carbon Disulfide
Concen: 42.882 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

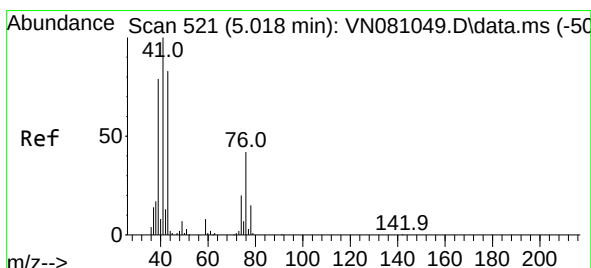
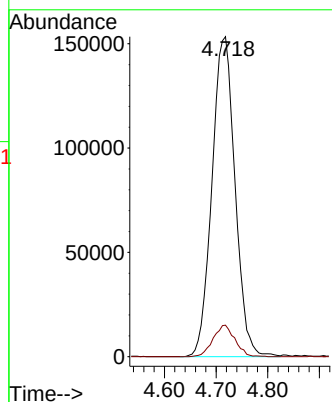
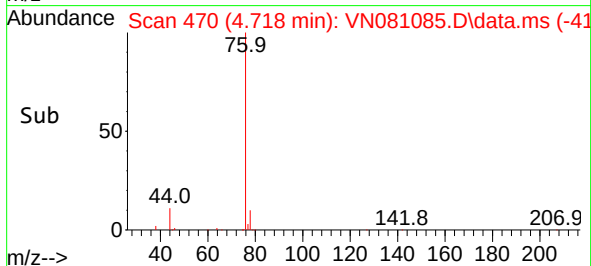
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 475848
Ion Ratio Lower Upper
76 100
78 9.8 6.3 9.5

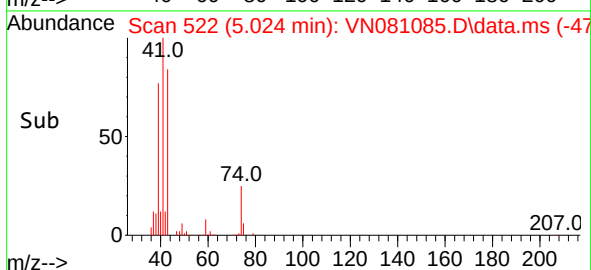
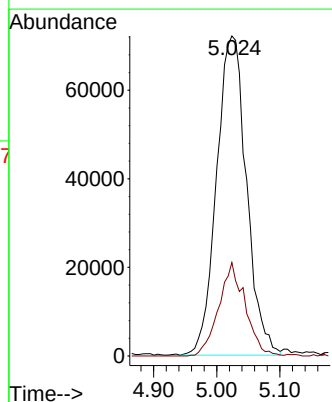
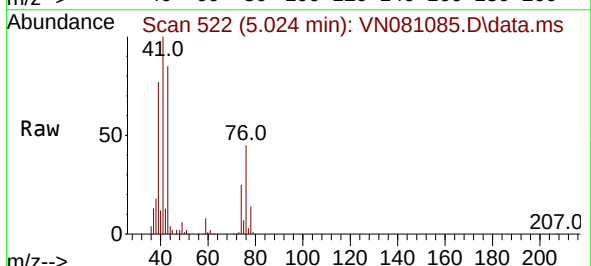
Manual Integrations
APPROVED

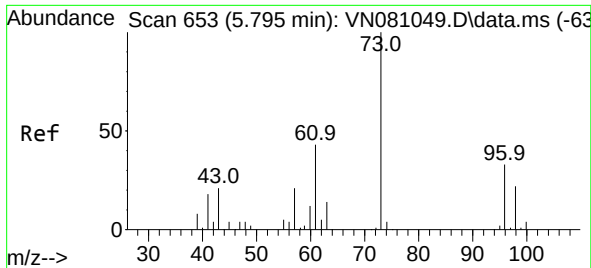
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#18
Methyl Acetate
Concen: 57.356 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Tgt Ion: 43 Resp: 237403
Ion Ratio Lower Upper
43 100
74 25.8 17.3 25.9





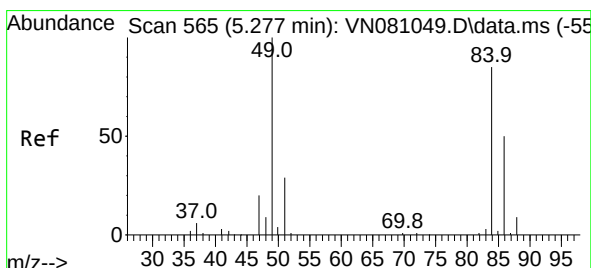
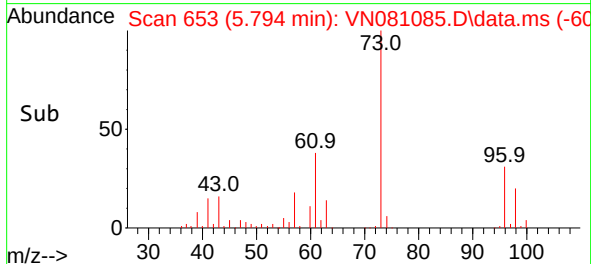
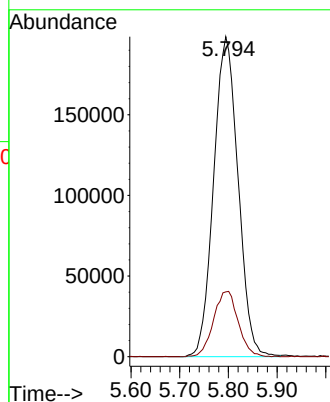
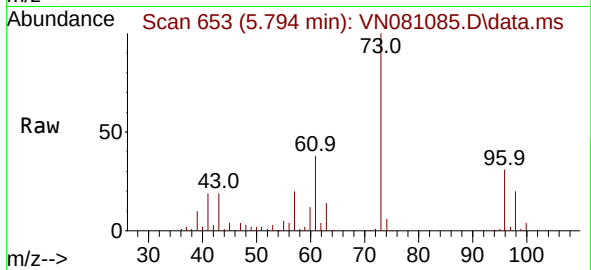
#19
Methyl tert-butyl Ether
Concen: 50.718 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 691088
Ion Ratio Lower Upper
73 100
57 20.3 18.2 27.4

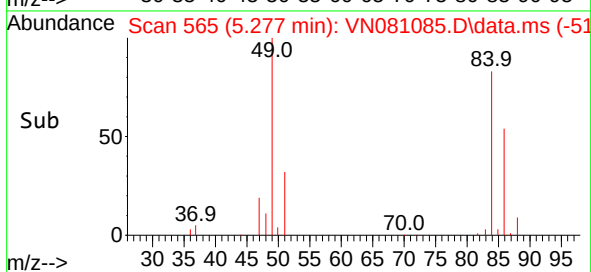
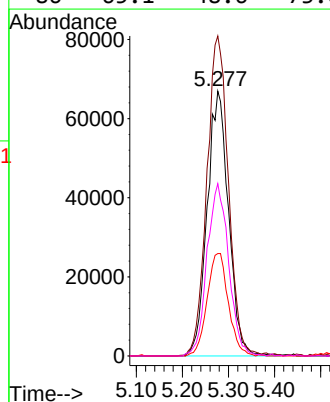
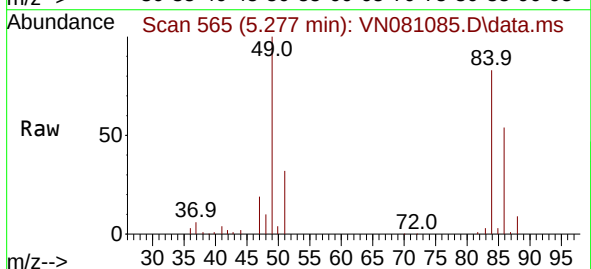
Manual Integrations
APPROVED

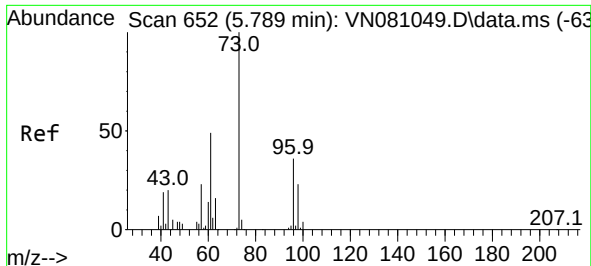
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#20
Methylene Chloride
Concen: 49.264 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

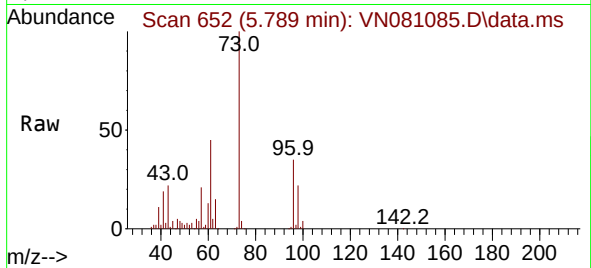
Tgt Ion: 84 Resp: 216301
Ion Ratio Lower Upper
84 100
49 120.6 108.1 162.1
51 38.7 32.9 49.3
86 65.1 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 44.809 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

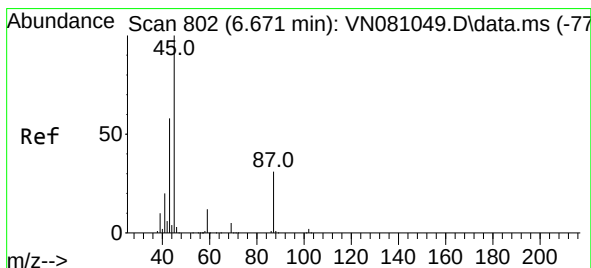
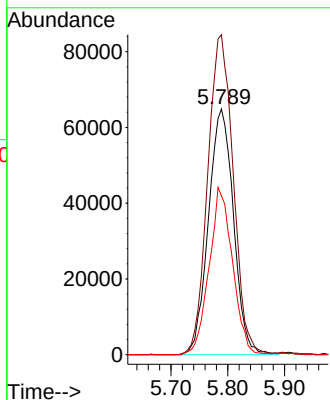
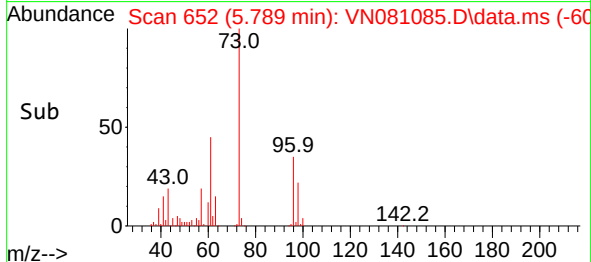
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 198898
Ion Ratio Lower Upper
96 100
61 130.2 112.8 169.2
98 64.6 51.0 76.4

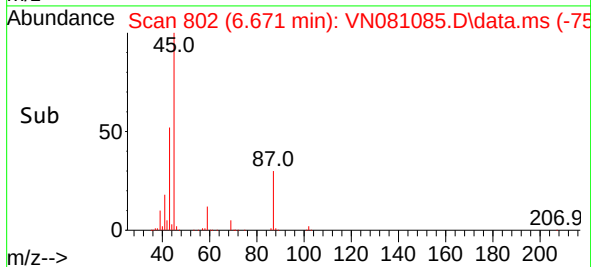
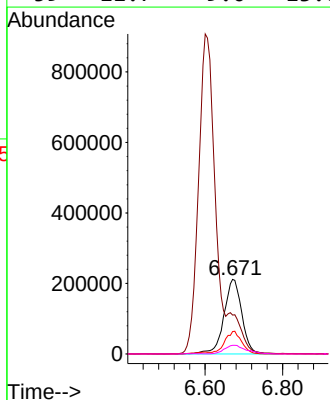
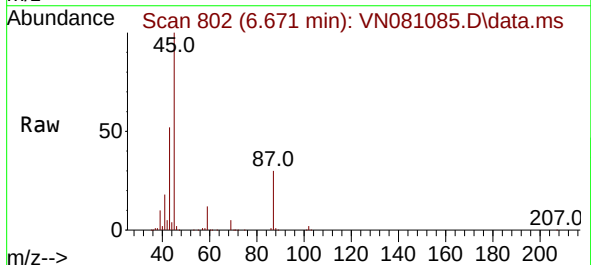
Manual Integrations
APPROVED

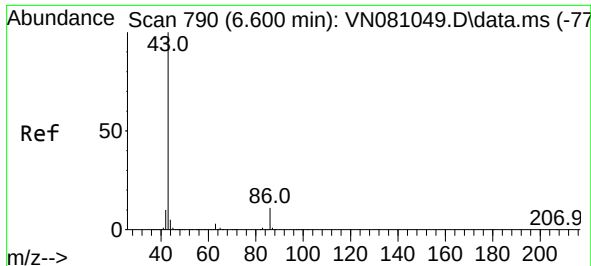
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#22
Diisopropyl ether
Concen: 50.461 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

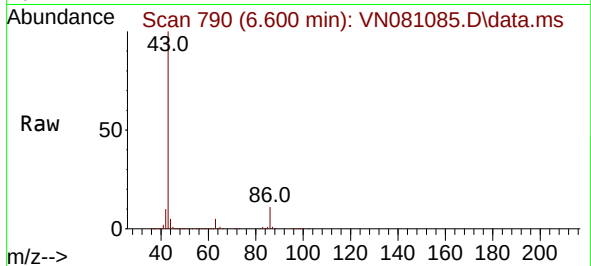
Tgt Ion: 45 Resp: 675711
Ion Ratio Lower Upper
45 100
43 52.0 41.8 62.8
87 30.0 18.1 27.1#
59 11.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 242.329 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081085.D
 Acq: 19 Feb 2024 18:53

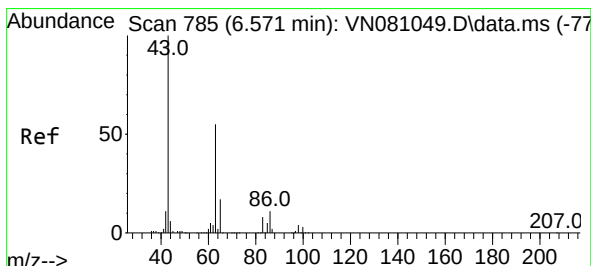
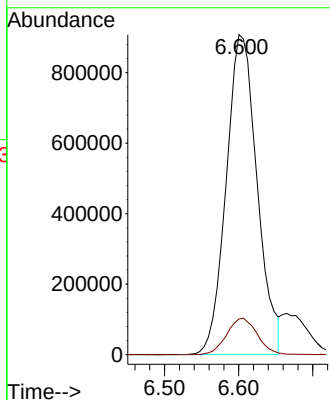
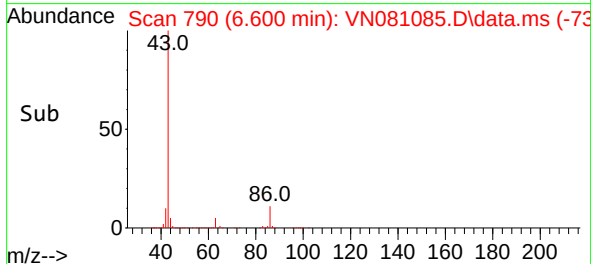
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



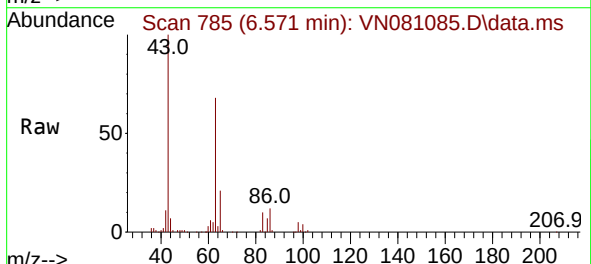
Tgt Ion: 43 Resp: 2632768
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7

Manual Integrations
 APPROVED

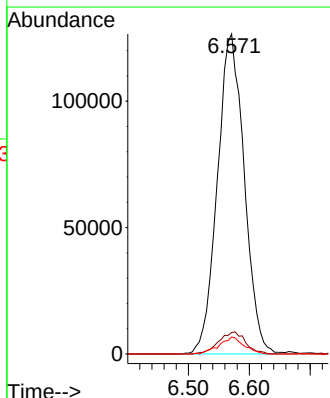
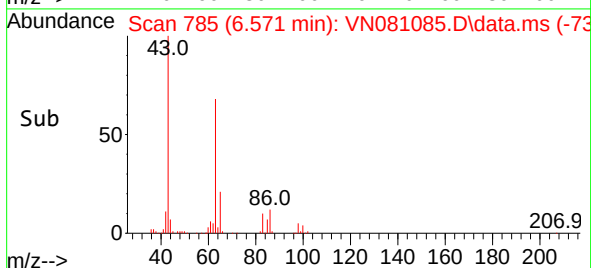
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024

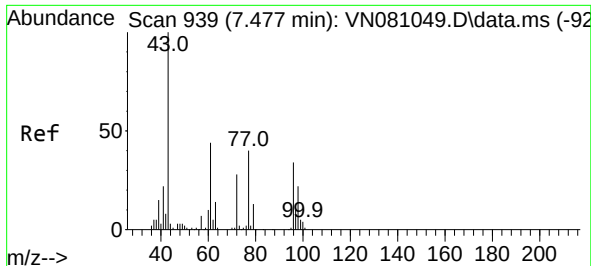


#24
 1,1-Dichloroethane
 Concen: 50.094 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081085.D
 Acq: 19 Feb 2024 18:53



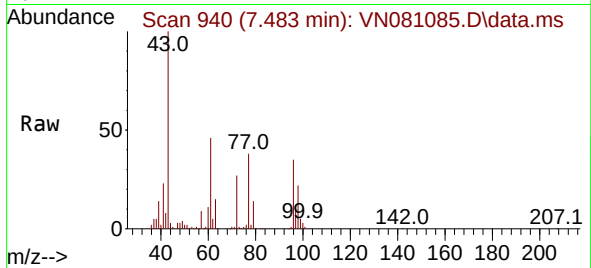
Tgt Ion: 63 Resp: 387864
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.6
 100 5.3 1.9 5.7





#25
2-Butanone
Concen: 244.616 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

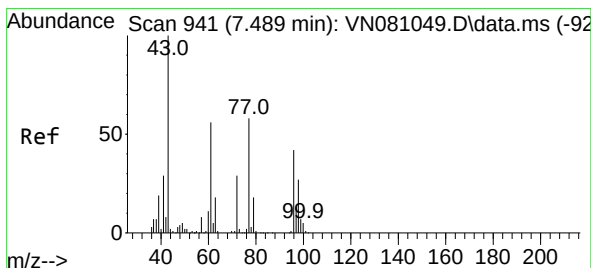
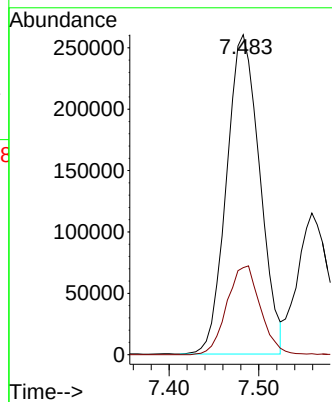
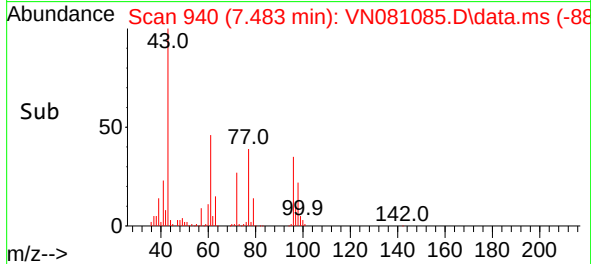
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 670519
Ion Ratio Lower Upper
43 100
72 27.2 19.5 29.3

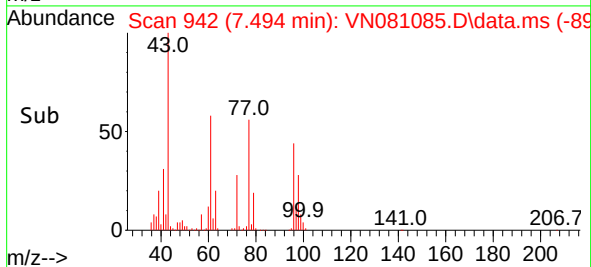
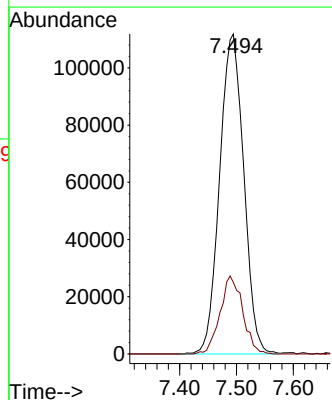
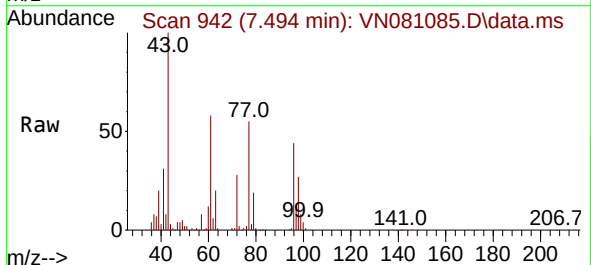
Manual Integrations
APPROVED

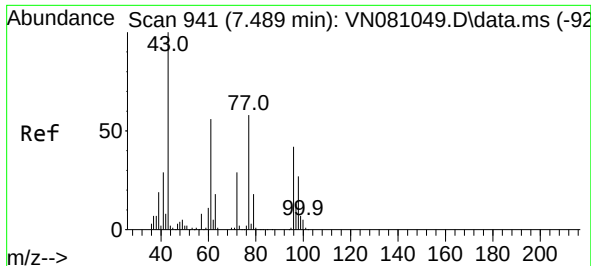
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#26
2,2-Dichloropropane
Concen: 45.441 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

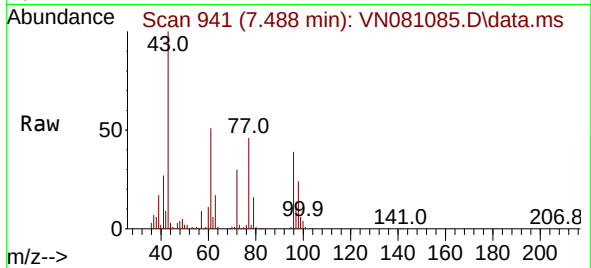
Tgt Ion: 77 Resp: 329670
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 47.119 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081085.D
 Acq: 19 Feb 2024 18:53

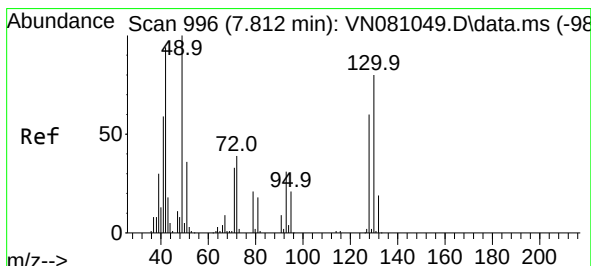
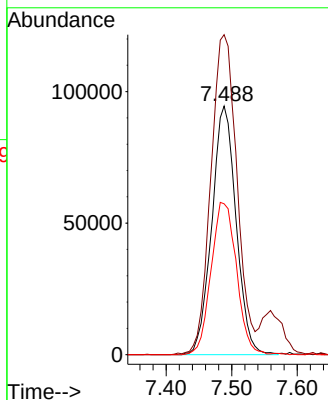
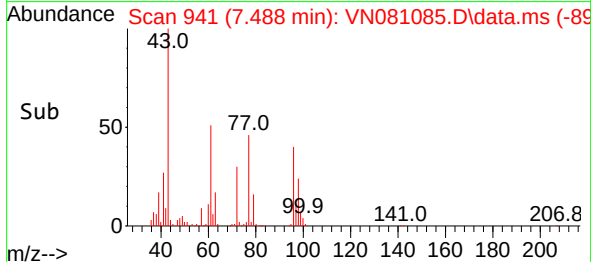
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 24300
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 325.4
 98 64.0 0.0 130.4

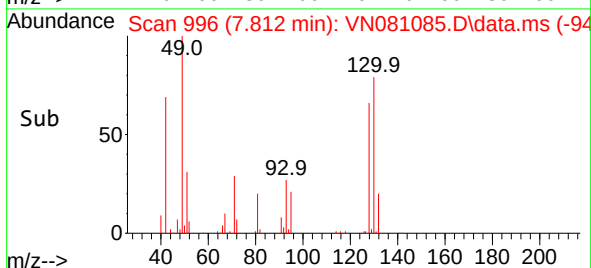
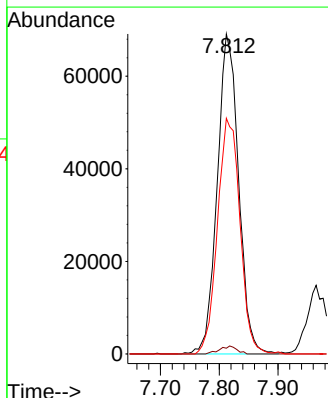
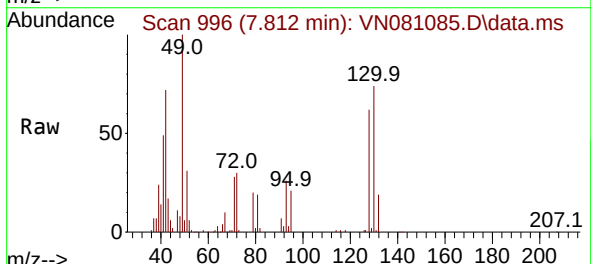
Manual Integrations
 APPROVED

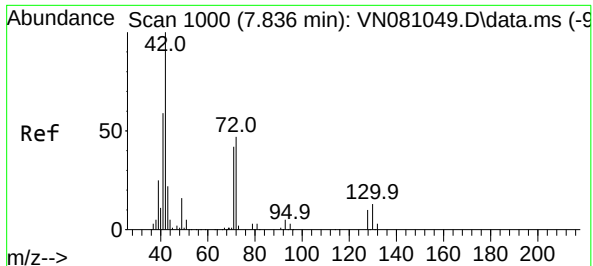
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024



#28
 Bromochloromethane
 Concen: 54.382 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081085.D
 Acq: 19 Feb 2024 18:53

Tgt Ion: 49 Resp: 174560
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.6#
 130 77.3 42.3 63.5#





#29

Tetrahydrofuran

Concen: 250.695 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN081085.D

Acq: 19 Feb 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

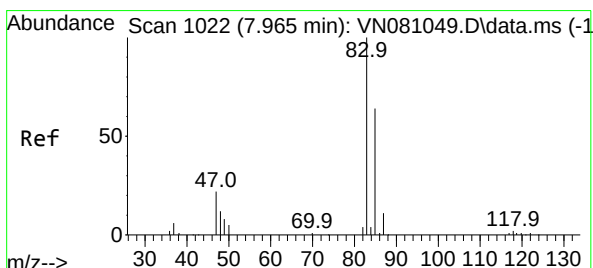
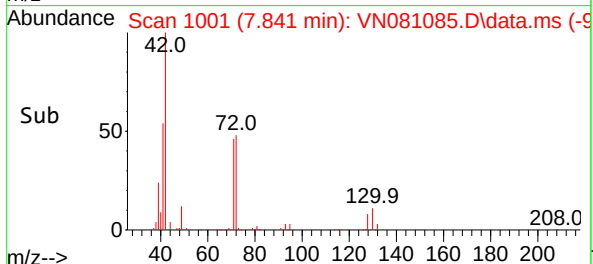
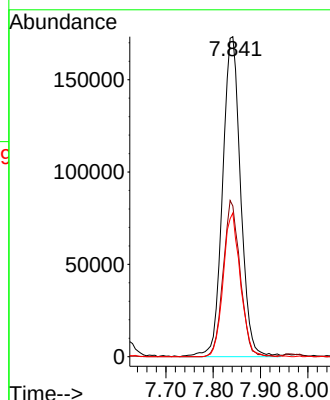
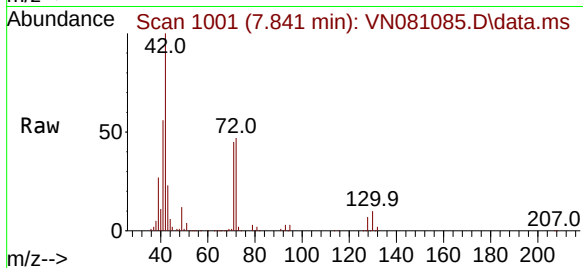
Tgt Ion: 42 Resp: 458728
 Ion Ratio Lower Upper
 42 100
 72 45.8 31.1 46.7
 71 42.8 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#30

Chloroform

Concen: 49.617 ug/l

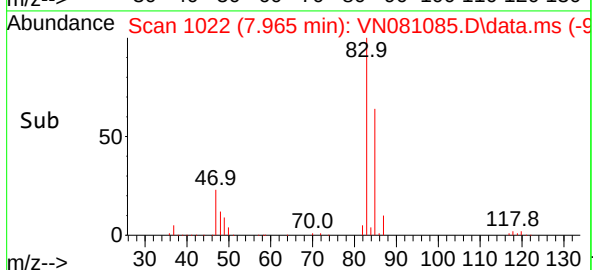
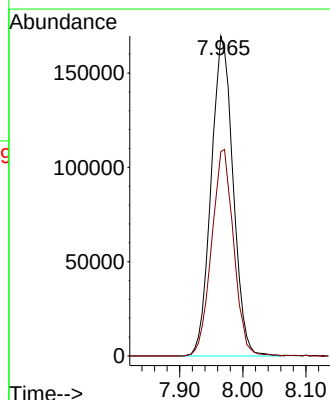
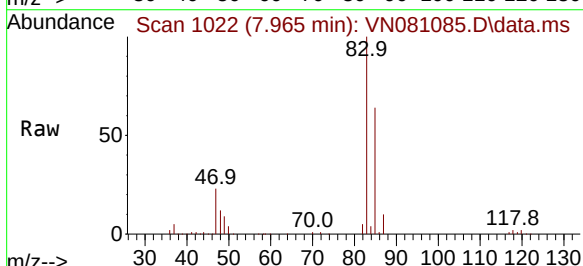
RT: 7.965 min Scan# 1022

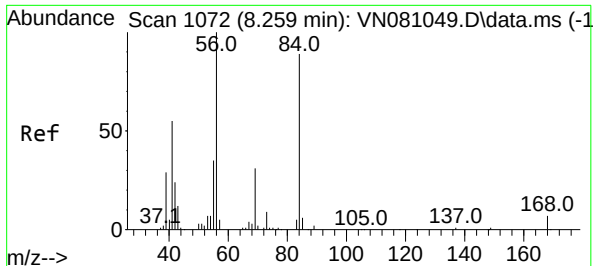
Delta R.T. -0.000 min

Lab File: VN081085.D

Acq: 19 Feb 2024 18:53

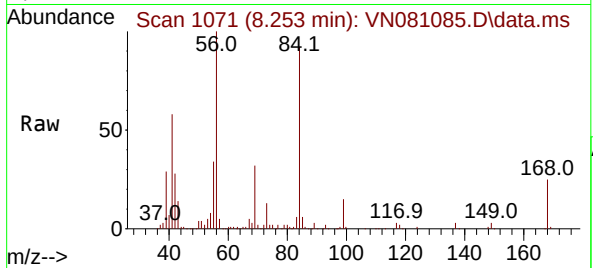
Tgt Ion: 83 Resp: 408406
 Ion Ratio Lower Upper
 83 100
 85 63.8 51.0 76.6





#31
Cyclohexane
Concen: 43.459 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

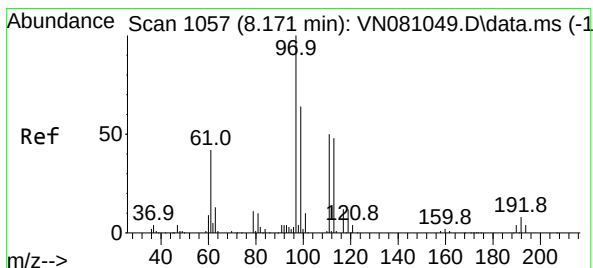
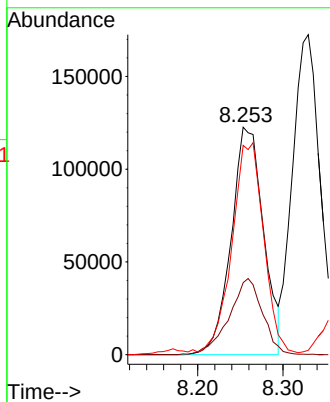
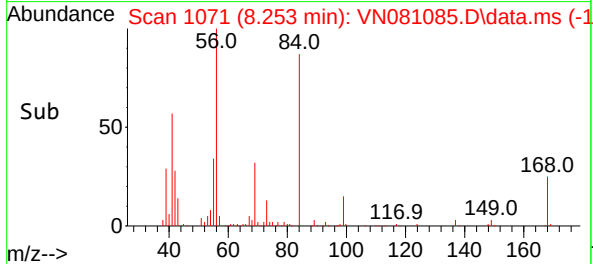
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



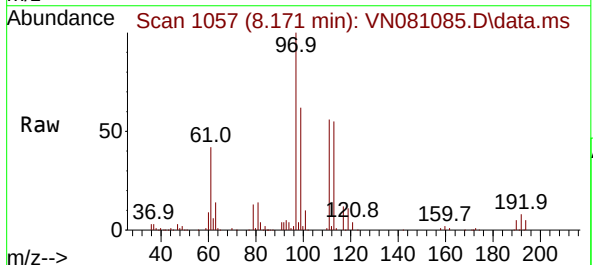
Tgt Ion: 56 Resp: 32358
Ion Ratio Lower Upper
56 100
69 31.1 20.1 30.1
84 90.0 56.9 85.3

Manual Integrations
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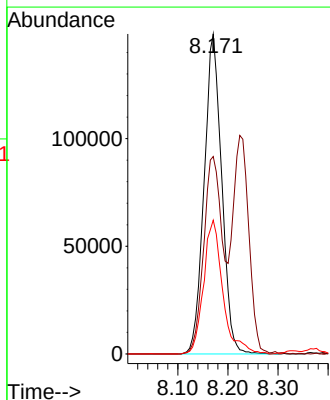
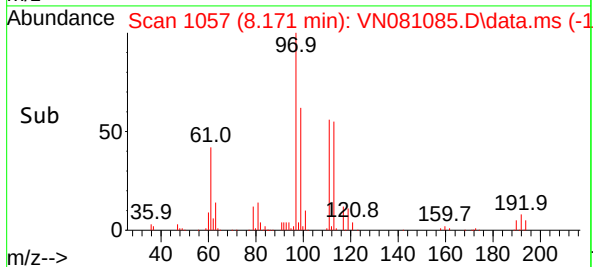
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

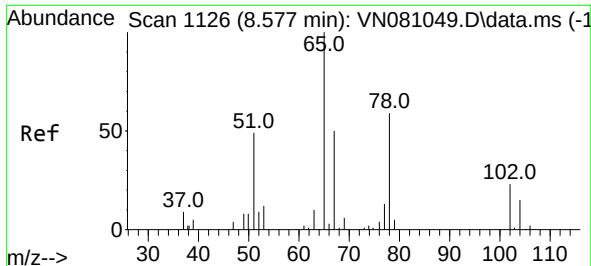


#32
1,1,1-Trichloroethane
Concen: 48.267 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53



Tgt Ion: 97 Resp: 361830
Ion Ratio Lower Upper
97 100
99 66.5 53.4 80.0
61 45.8 43.8 65.8





#33
1,2-Dichloroethane-d4
Concen: 52.372 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

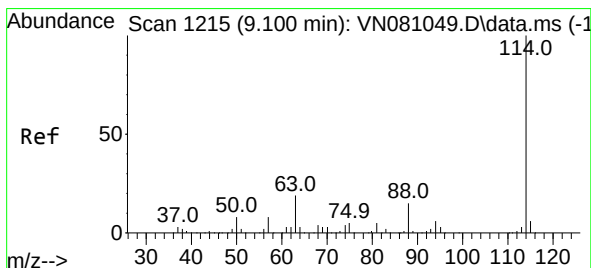
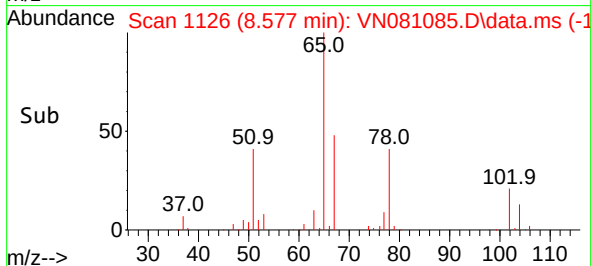
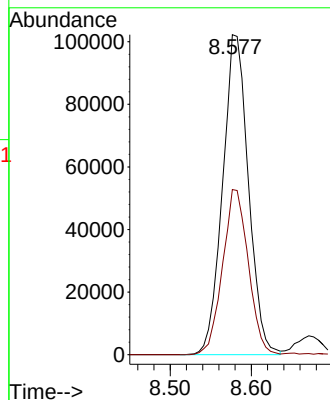
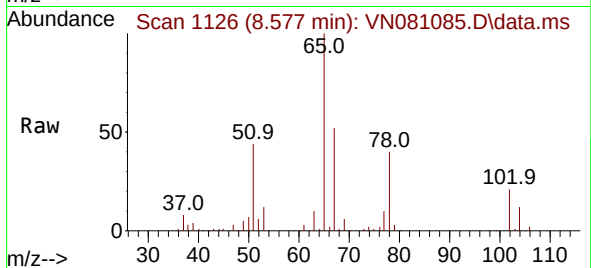
Tgt Ion: 65 Resp: 225836
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4

Manual Integrations

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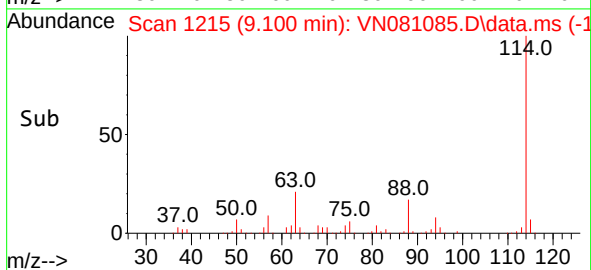
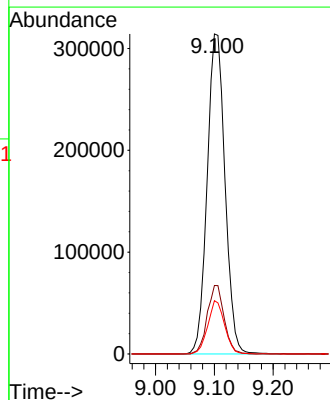
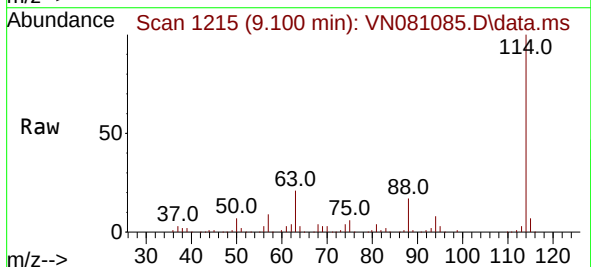
Reviewed By :John Carlone 02/20/2024

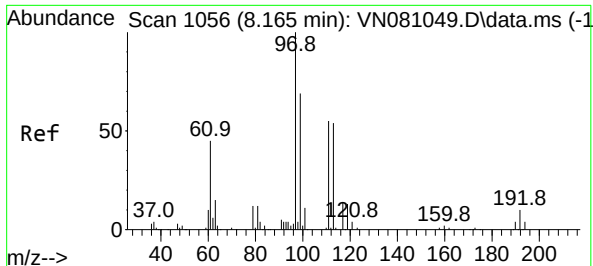
Supervised By :Mahesh Dadoda 02/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Tgt Ion:114 Resp: 661679
Ion Ratio Lower Upper
114 100
63 21.4 0.0 48.0
88 16.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.142 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081085.D

Acq: 19 Feb 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 191354

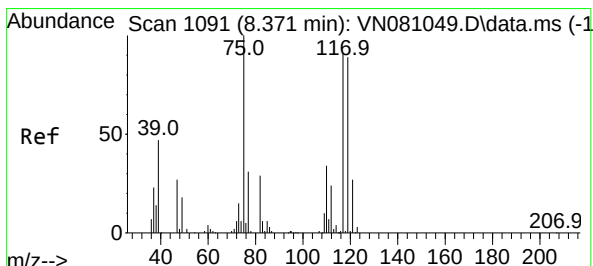
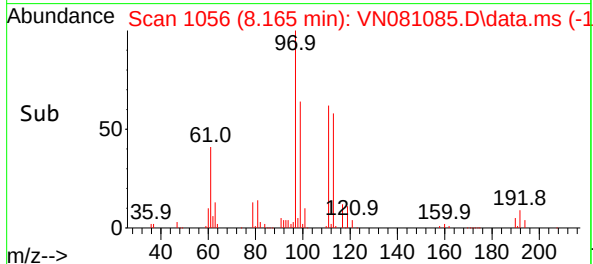
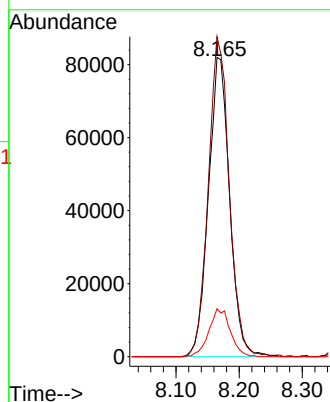
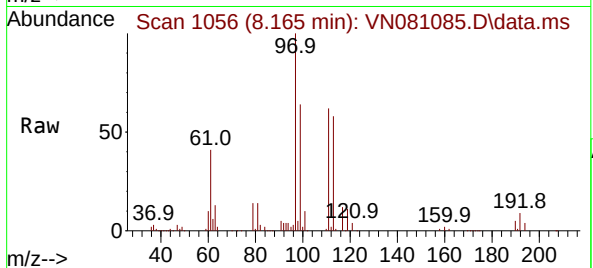
Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.2	123.4
192	16.2	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#36

1,1-Dichloropropene

Concen: 44.923 ug/l

RT: 8.371 min Scan# 1091

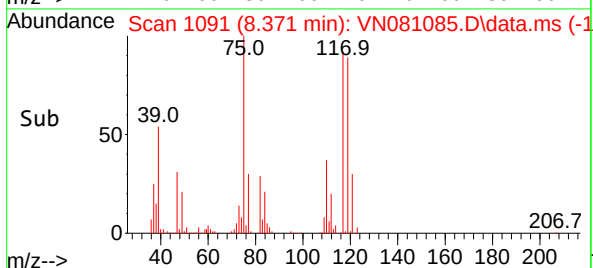
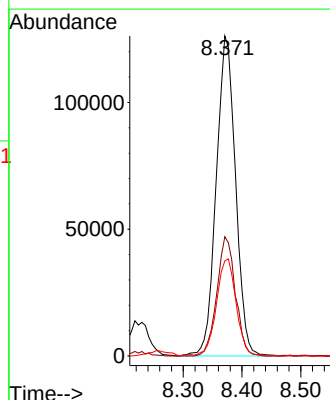
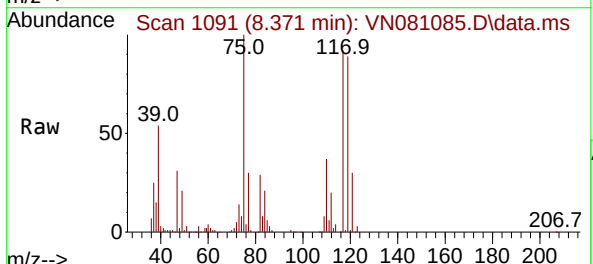
Delta R.T. -0.000 min

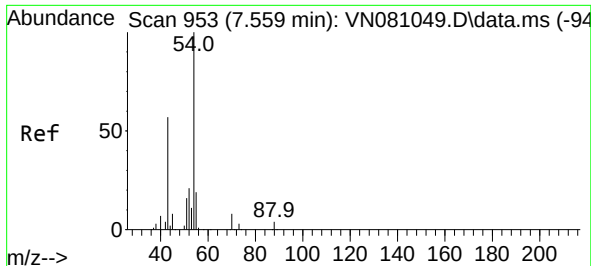
Lab File: VN081085.D

Acq: 19 Feb 2024 18:53

Tgt Ion: 75 Resp: 287966

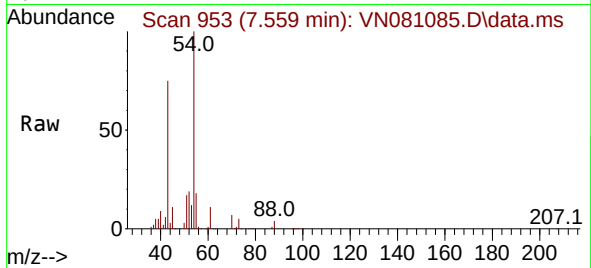
Ion	Ratio	Lower	Upper
75	100		
110	35.7	16.0	48.0
77	31.0	25.8	38.6





#37
Ethyl Acetate
Concen: 50.026 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

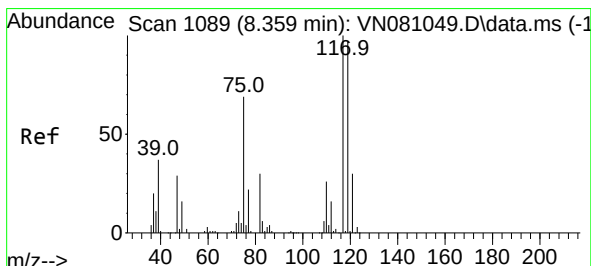
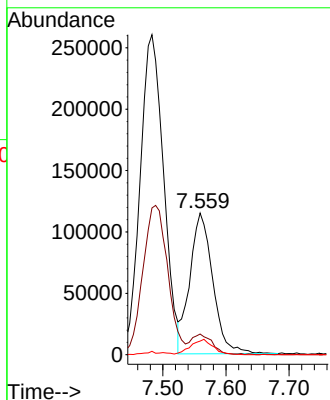
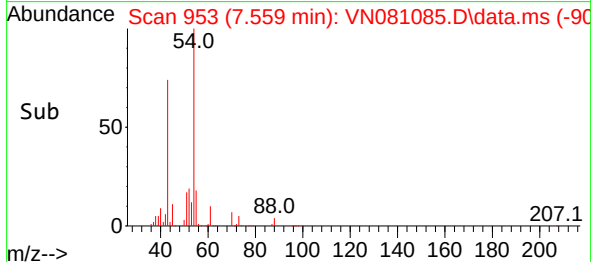
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 28941
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 10.6 8.0 12.0

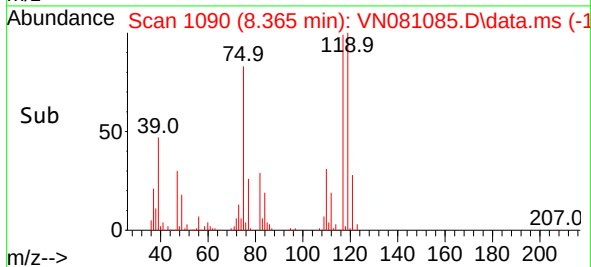
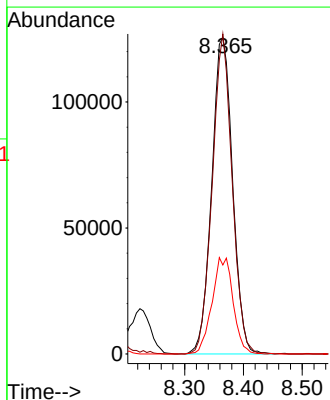
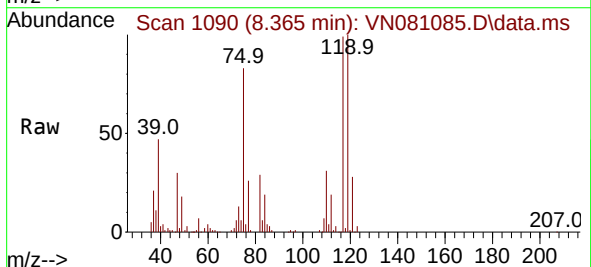
Manual Integrations
APPROVED

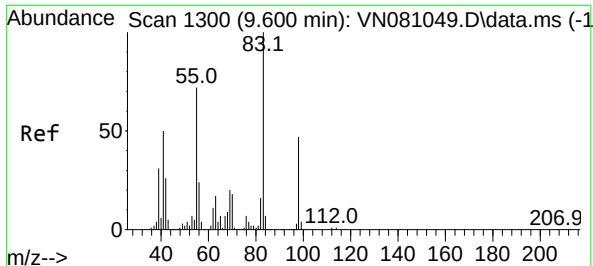
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#38
Carbon Tetrachloride
Concen: 47.786 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

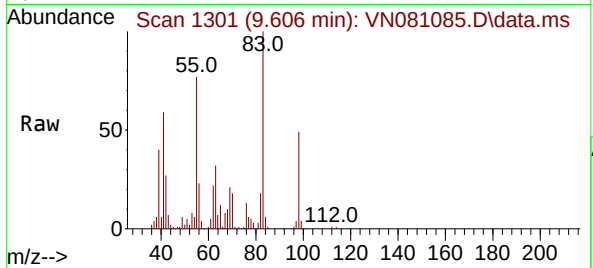
Tgt Ion:117 Resp: 309908
Ion Ratio Lower Upper
117 100
119 101.1 73.4 110.2
121 28.1 24.4 36.6





#39
Methylcyclohexane
Concen: 44.011 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

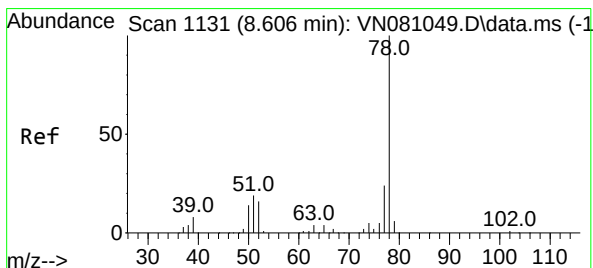
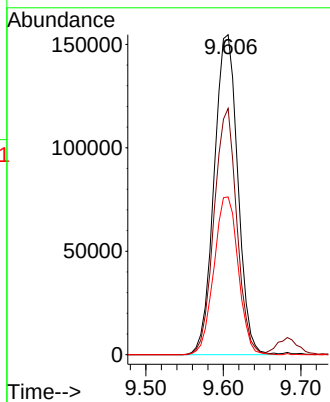
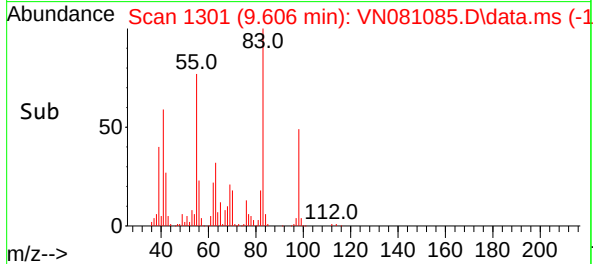
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 328872
Ion Ratio Lower Upper
83 100
55 76.9 65.7 98.5
98 49.3 33.8 50.6

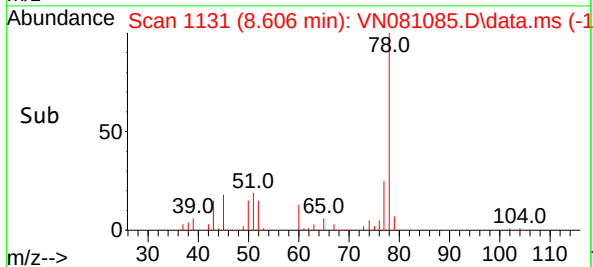
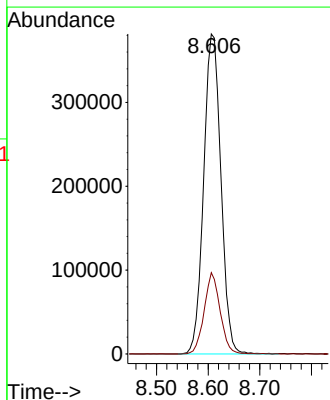
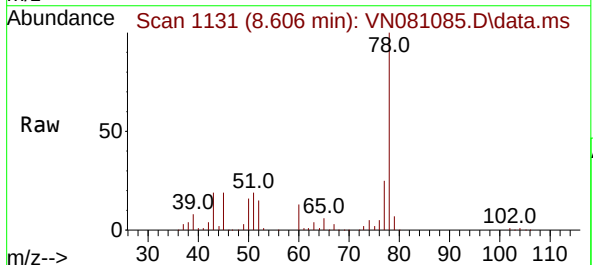
Manual Integrations
APPROVED

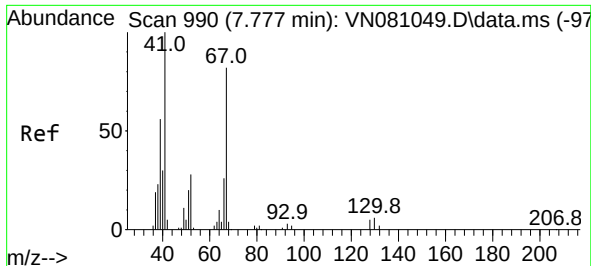
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#40
Benzene
Concen: 47.703 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Tgt Ion: 78 Resp: 885091
Ion Ratio Lower Upper
78 100
77 25.4 20.4 30.6





#41
Methacrylonitrile
Concen: 48.079 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Instrument :

MSVOA_N

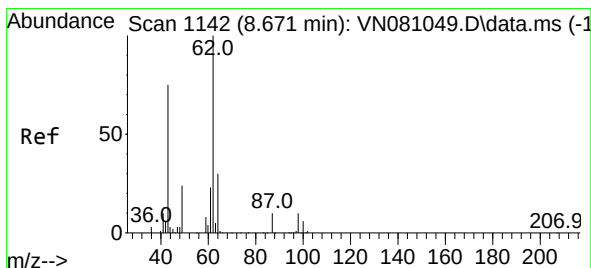
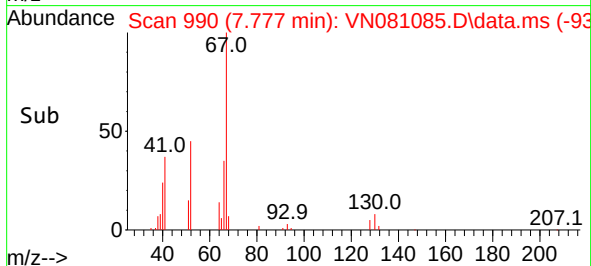
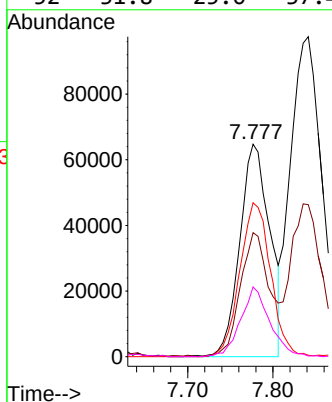
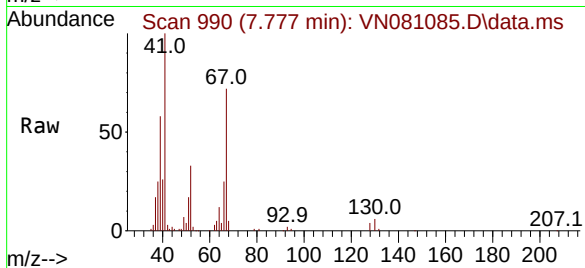
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 15830
Ion Ratio Lower Upper
41 100
39 56.4 48.4 72.6
67 74.6 56.8 85.2
52 31.8 25.0 37.4

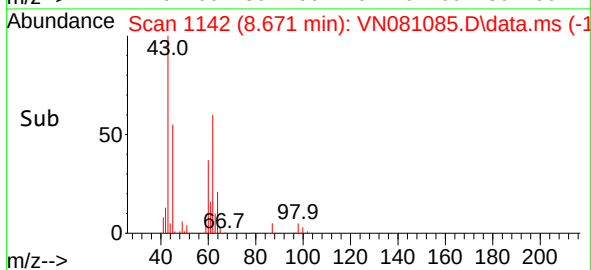
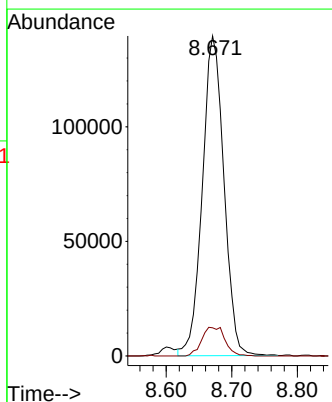
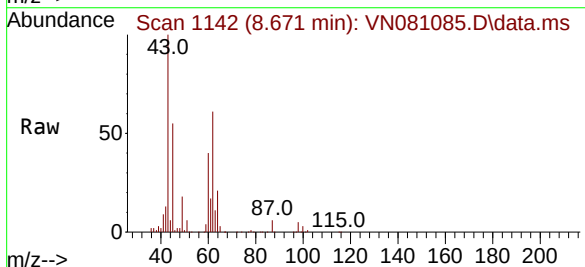
Manual Integrations
APPROVED

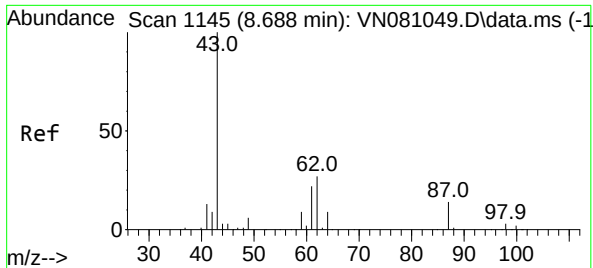
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#42
1,2-Dichloroethane
Concen: 49.295 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Tgt Ion: 62 Resp: 319101
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.0





#43

Isopropyl Acetate

Concen: 98.412 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081085.D

Acq: 19 Feb 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

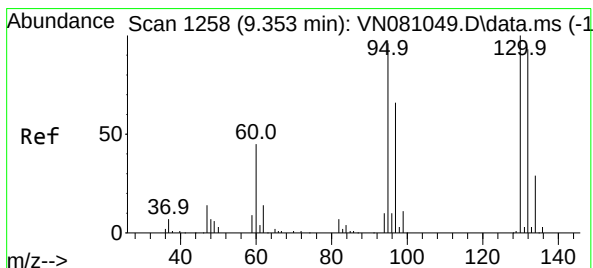
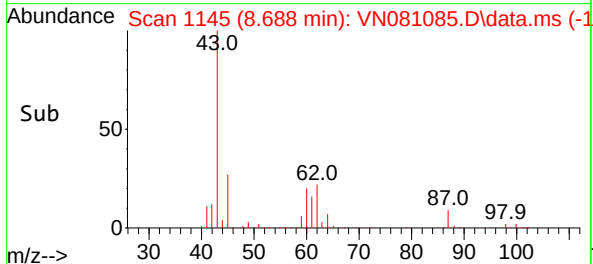
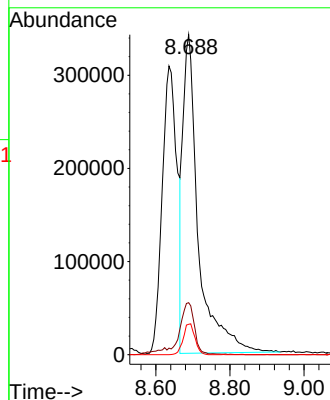
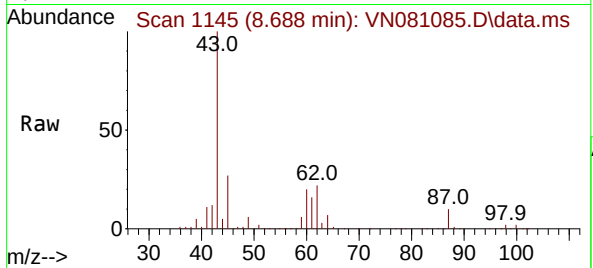
Tgt Ion: 43 Resp: 995725
 Ion Ratio Lower Upper
 43 100
 61 14.6 19.9 29.9
 87 7.3 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#44

Trichloroethene

Concen: 43.916 ug/l

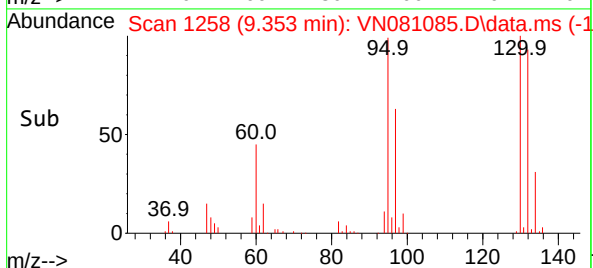
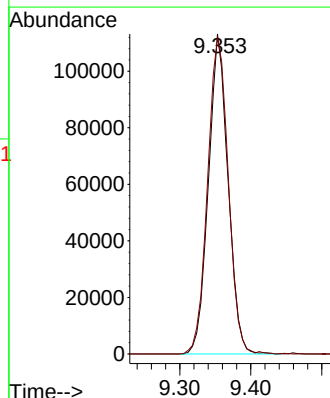
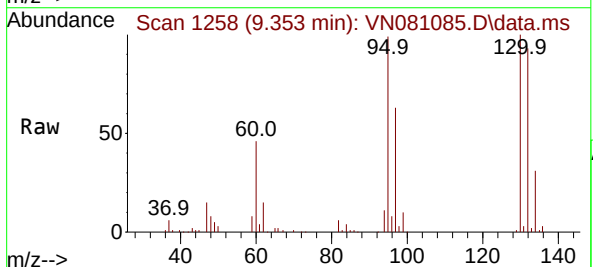
RT: 9.353 min Scan# 1258

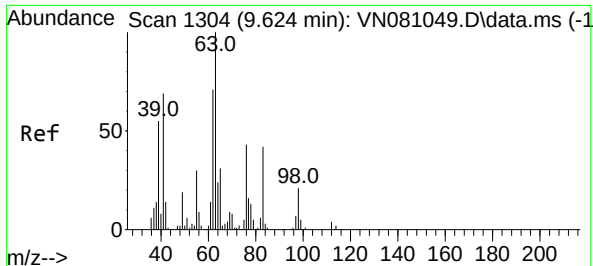
Delta R.T. -0.000 min

Lab File: VN081085.D

Acq: 19 Feb 2024 18:53

Tgt Ion:130 Resp: 217024
 Ion Ratio Lower Upper
 130 100
 95 98.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 48.837 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081085.D

Acq: 19 Feb 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 22666

Ion Ratio Lower Upper

63 100

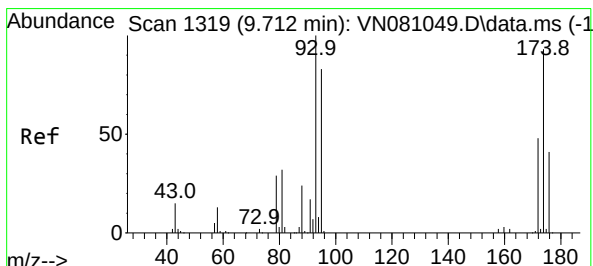
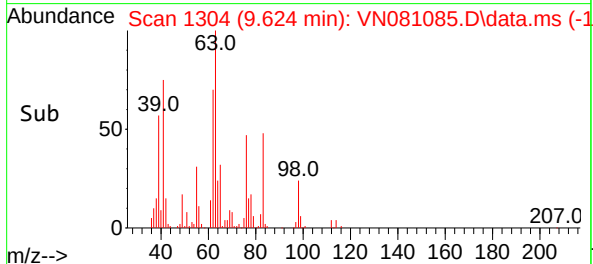
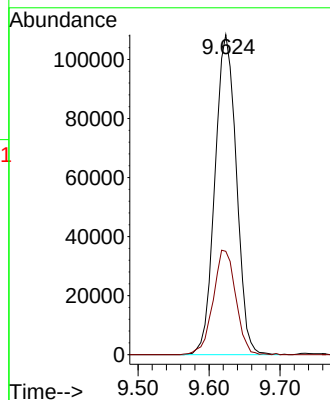
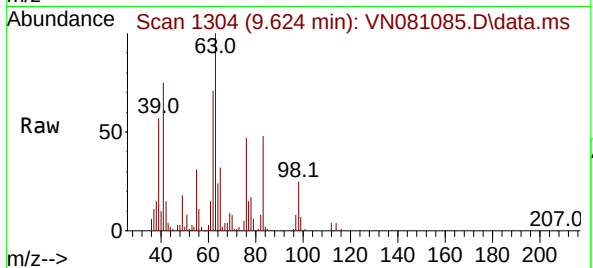
65 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#46

Dibromomethane

Concen: 48.509 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081085.D

Acq: 19 Feb 2024 18:53

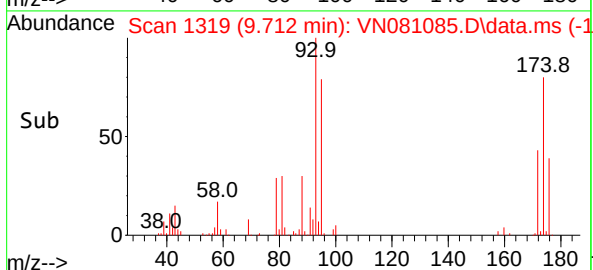
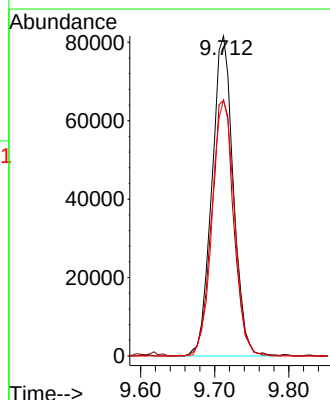
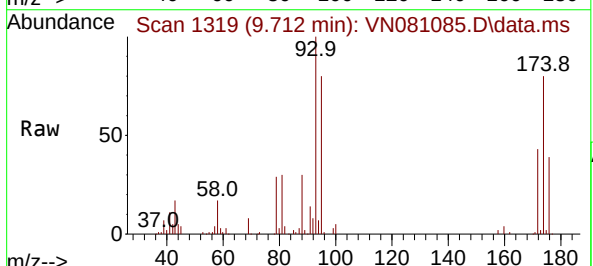
Tgt Ion: 93 Resp: 164040

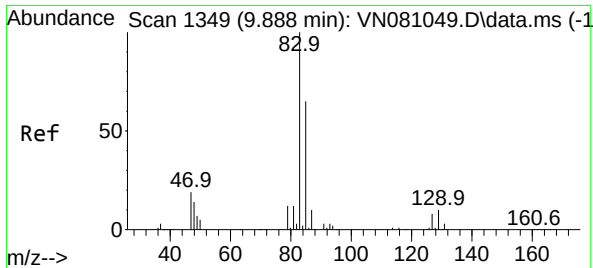
Ion Ratio Lower Upper

93 100

95 82.3 68.1 102.1

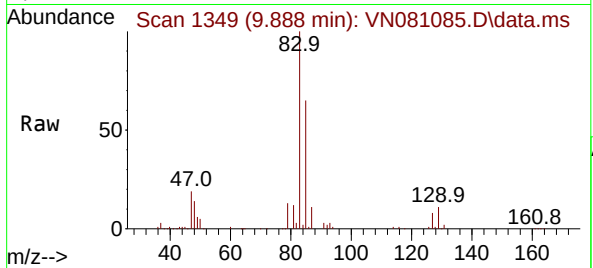
174 82.7 57.2 85.8





#47
Bromodichloromethane
Concen: 50.068 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

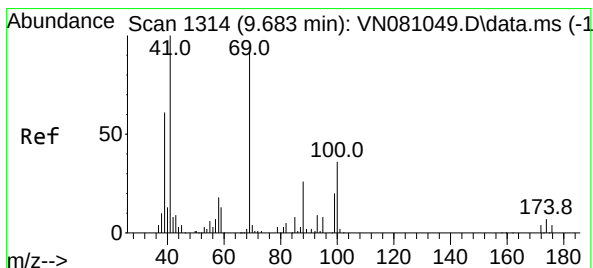
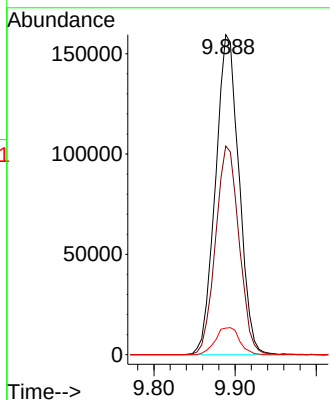
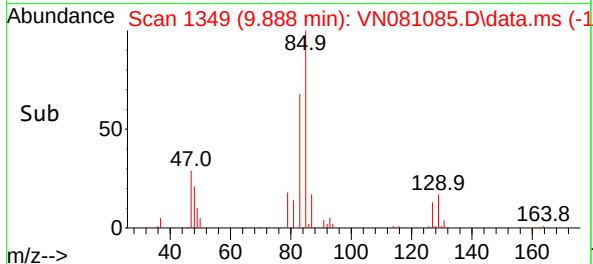
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 320660
Ion Ratio Lower Upper
83 100
85 65.2 52.3 78.5
127 8.3 4.6 7.0

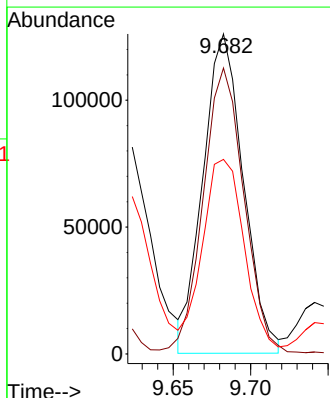
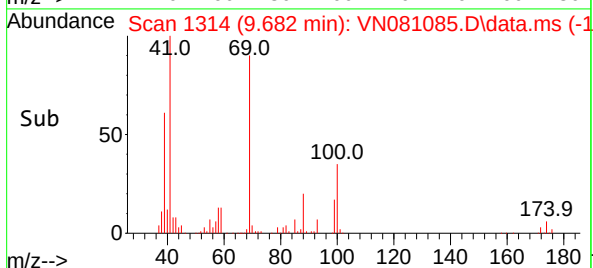
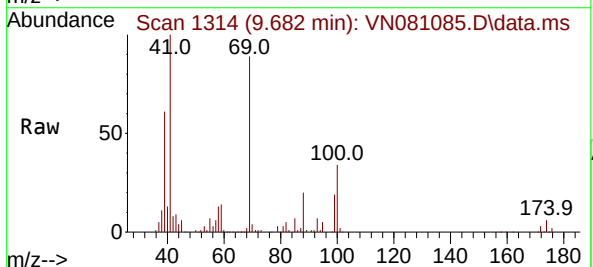
Manual Integrations
APPROVED

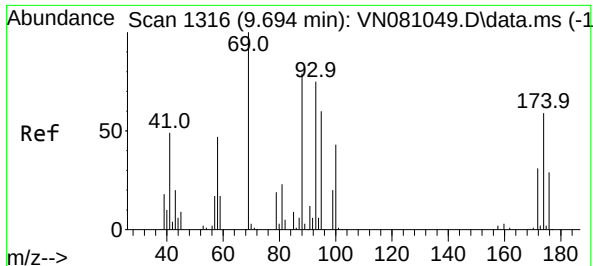
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#48
Methyl methacrylate
Concen: 48.386 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Tgt Ion: 41 Resp: 227801
Ion Ratio Lower Upper
41 100
69 91.4 62.2 93.2
39 63.7 47.6 71.4





#49

1,4-Dioxane

Concen: 1064.031 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081085.D

Acq: 19 Feb 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 91962

Ion Ratio Lower Upper

88 100

43 27.0 30.1 45.1

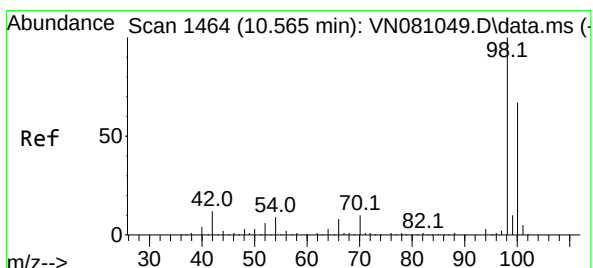
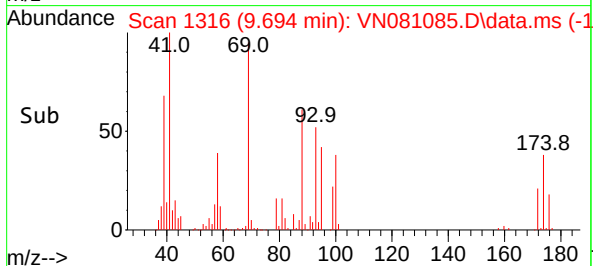
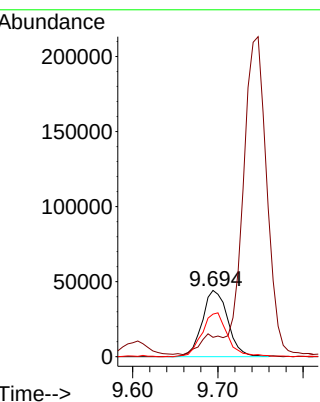
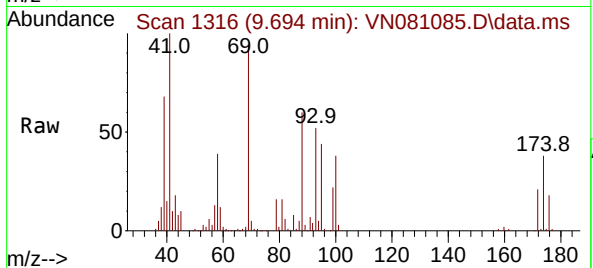
58 67.1 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#50

Toluene-d8

Concen: 49.199 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081085.D

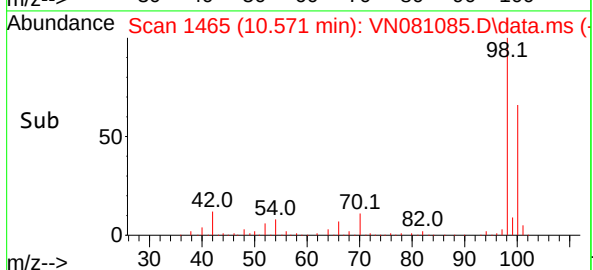
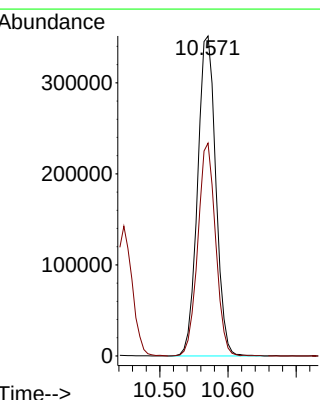
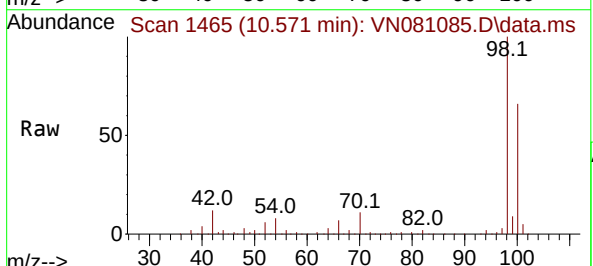
Acq: 19 Feb 2024 18:53

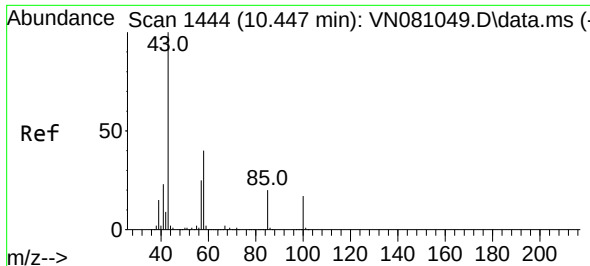
Tgt Ion: 98 Resp: 653813

Ion Ratio Lower Upper

98 100

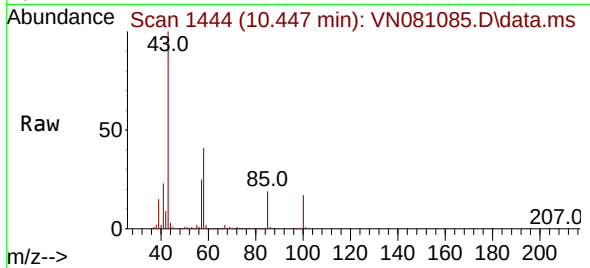
100 64.8 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 251.906 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

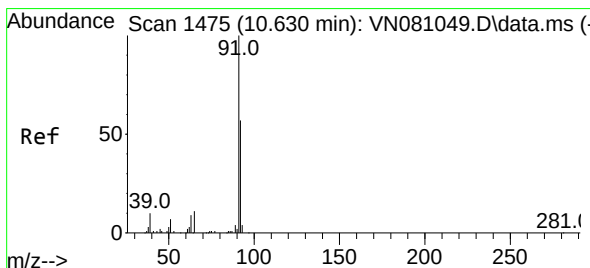
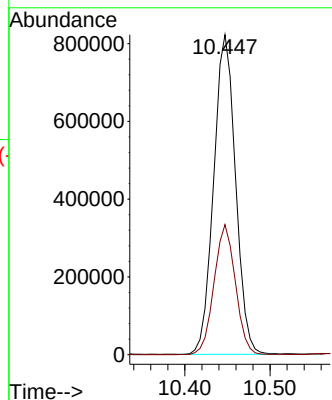
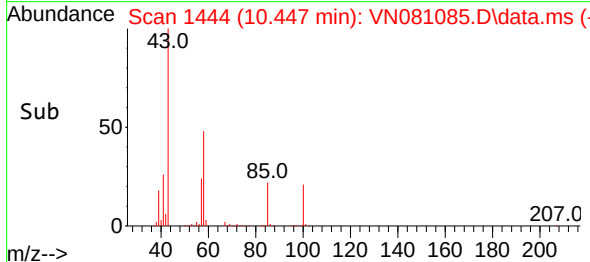
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 146618
Ion Ratio Lower Upper
43 100
58 39.9 29.4 44.0

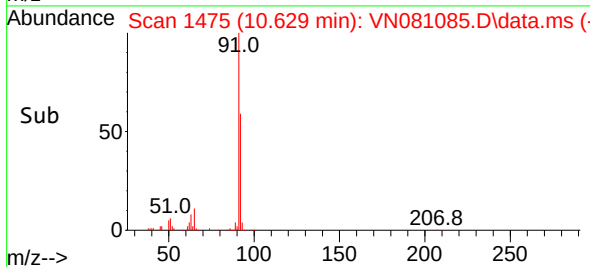
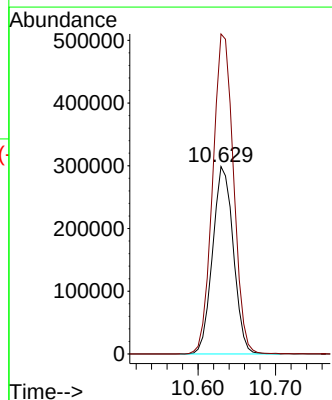
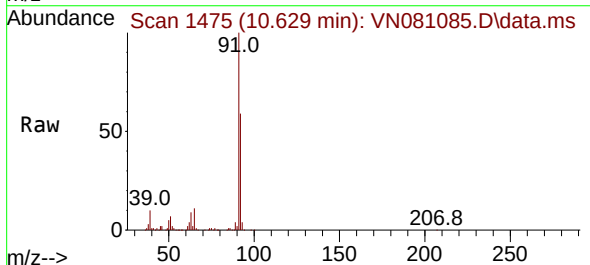
Manual Integrations
APPROVED

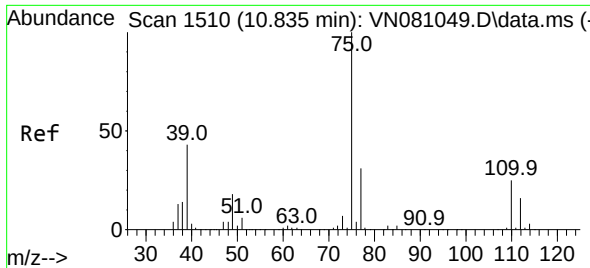
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#52
Toluene
Concen: 47.213 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Tgt Ion: 92 Resp: 554575
Ion Ratio Lower Upper
92 100
91 171.8 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 50.201 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

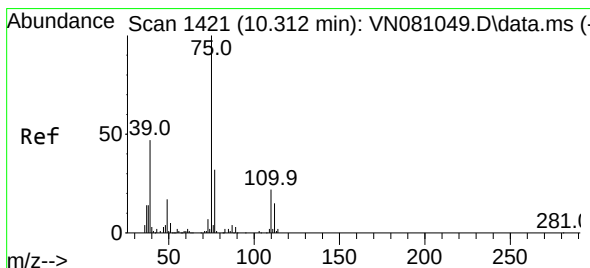
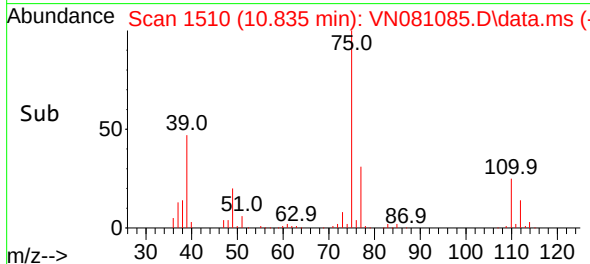
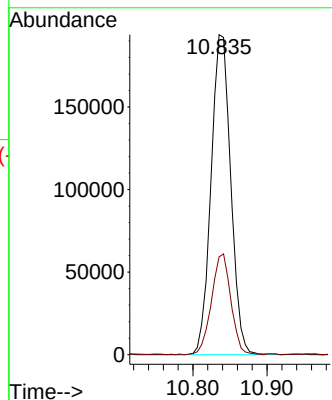
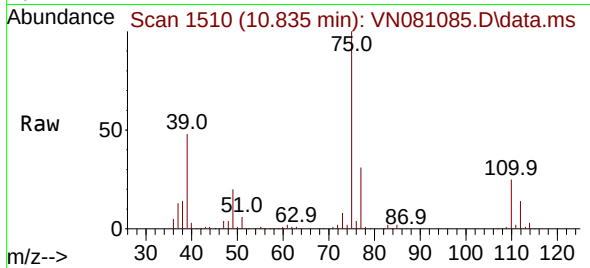
Tgt Ion: 75 Resp: 35729
Ion Ratio Lower Upper
75 100
77 30.6 25.5 38.3

Manual Integrations

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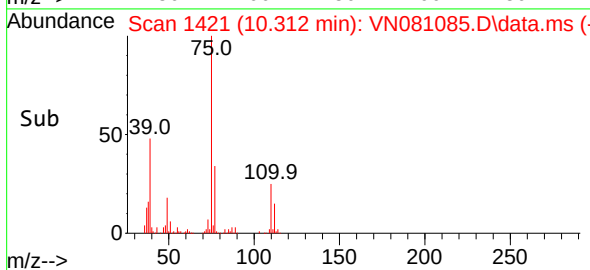
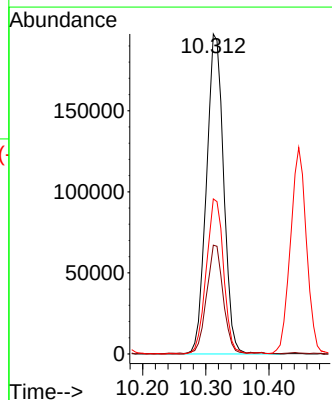
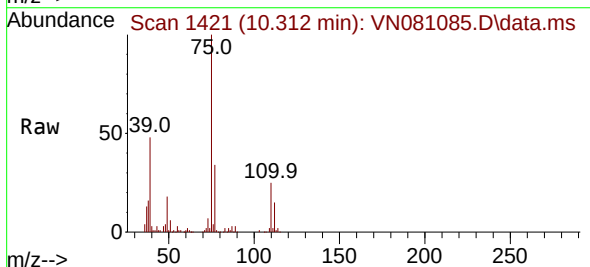
Reviewed By :John Carlone 02/20/2024

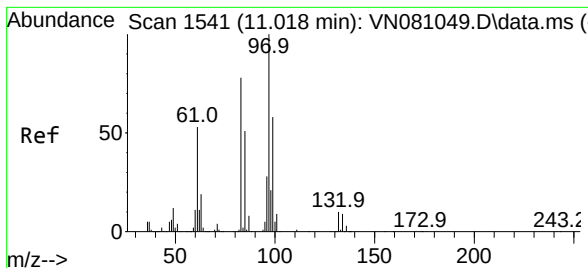
Supervised By :Mahesh Dadoda 02/20/2024



#54
cis-1,3-Dichloropropene
Concen: 48.512 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

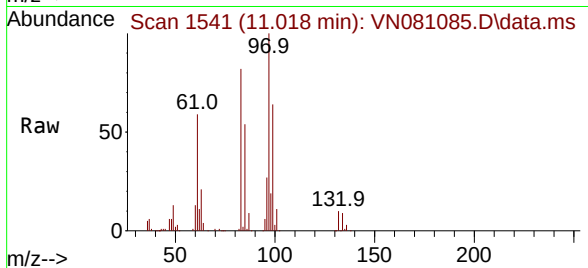
Tgt Ion: 75 Resp: 373037
Ion Ratio Lower Upper
75 100
77 33.9 23.3 34.9
39 48.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 50.648 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

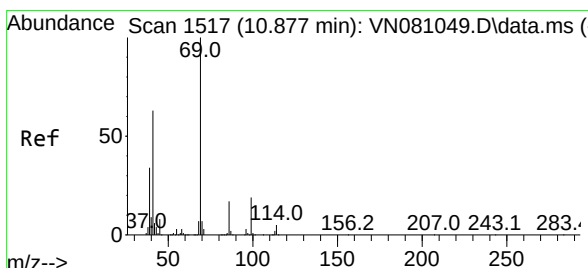
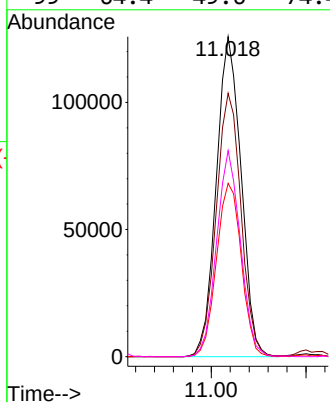
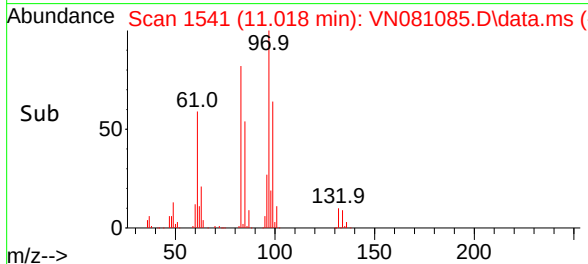
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 228818
Ion Ratio Lower Upper
97 100
83 82.3 72.9 109.3
85 54.2 50.2 75.2
99 64.4 49.6 74.4

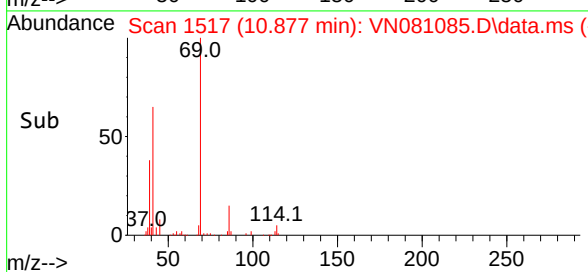
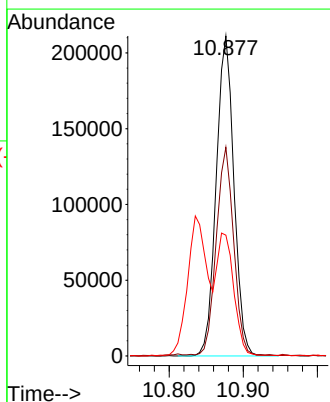
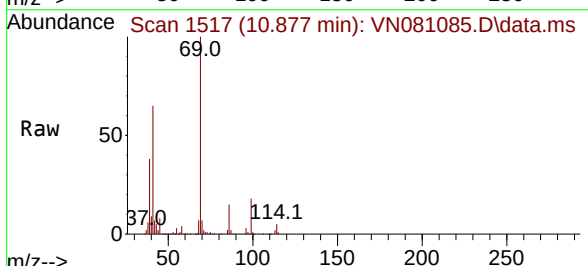
Manual Integrations
APPROVED

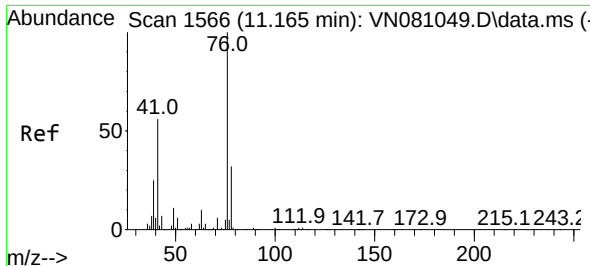
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#56
Ethyl methacrylate
Concen: 50.761 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

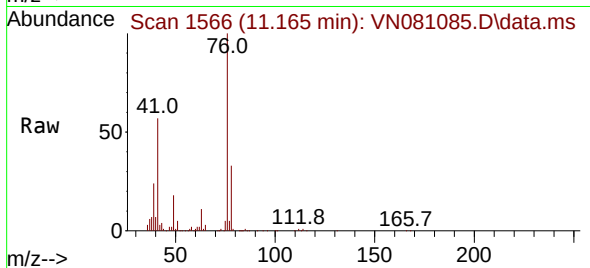
Tgt Ion: 69 Resp: 350488
Ion Ratio Lower Upper
69 100
41 63.8 61.0 91.6
39 36.2 31.8 47.6





#57
1,3-Dichloropropane
Concen: 48.899 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

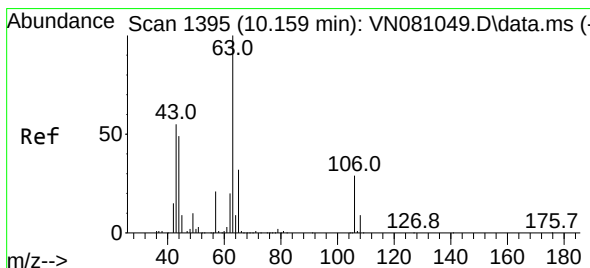
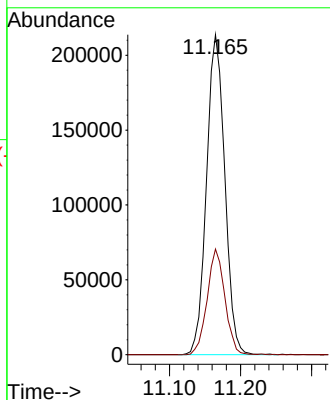
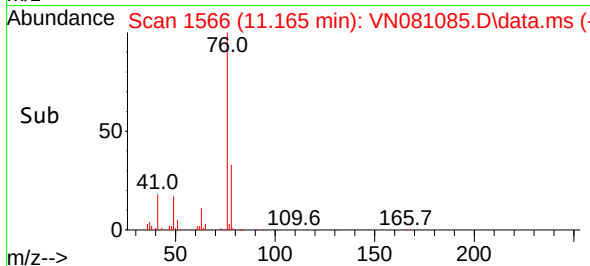
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 381980
Ion Ratio Lower Upper
76 100
78 32.0 25.5 38.3

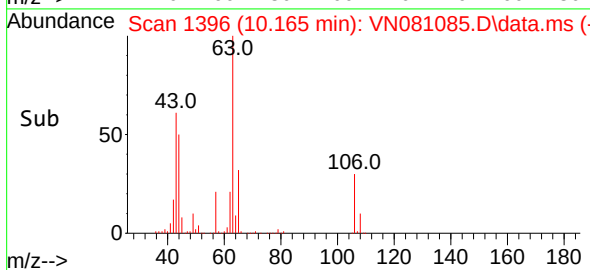
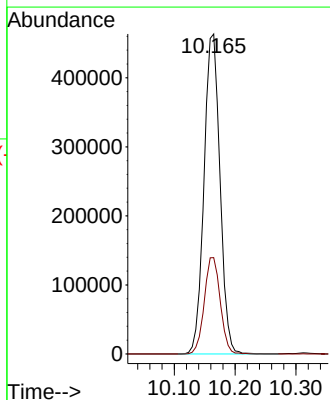
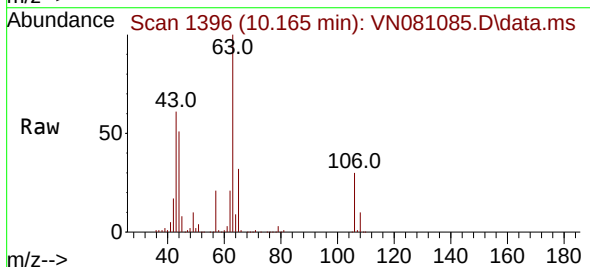
Manual Integrations
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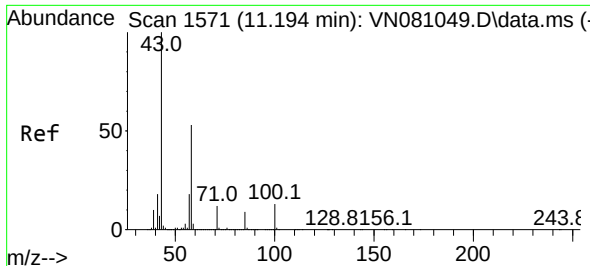
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 243.421 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

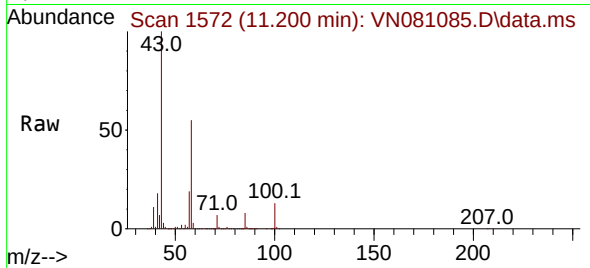
Tgt Ion: 63 Resp: 843300
Ion Ratio Lower Upper
63 100
106 30.1 18.6 28.0#





#59
2-Hexanone
Concen: 237.988 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

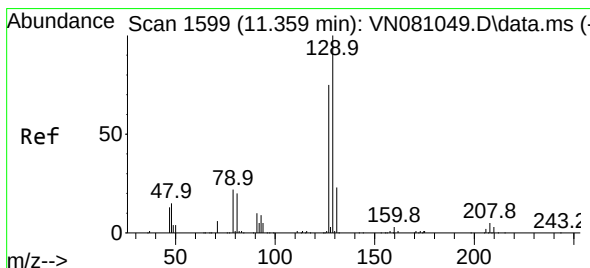
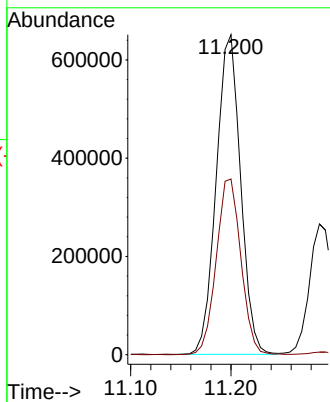
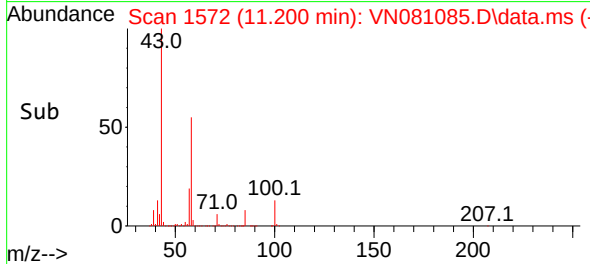
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



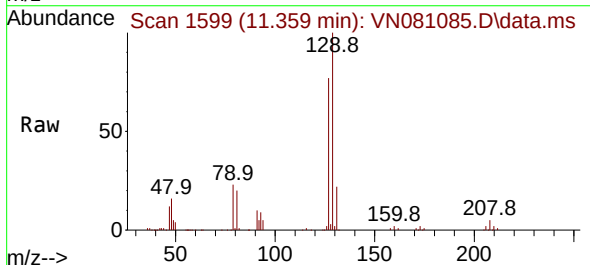
Tgt Ion: 43 Resp: 109817
Ion Ratio Lower Upper
43 100
58 55.7 25.9 77.8

Manual Integrations
APPROVED

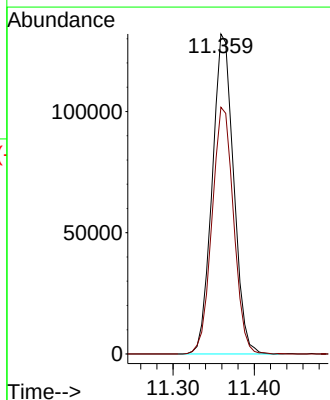
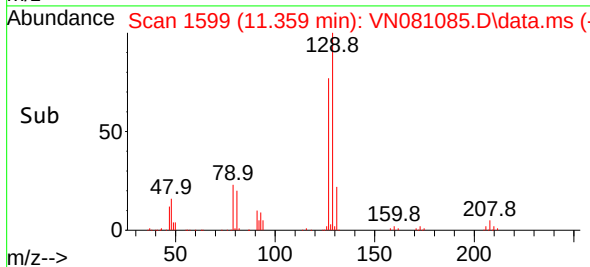
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

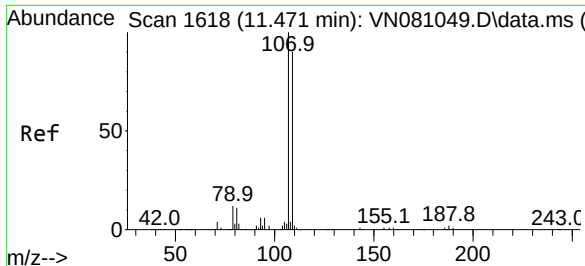


#60
Dibromochloromethane
Concen: 50.436 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53



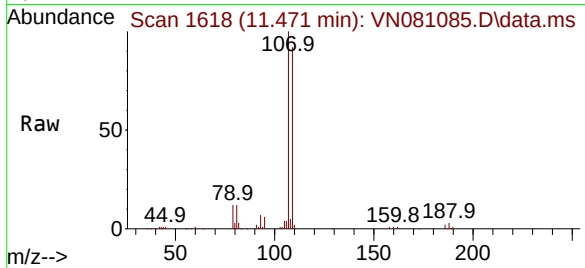
Tgt Ion:129 Resp: 242061
Ion Ratio Lower Upper
129 100
127 77.7 39.4 118.2





#61
1,2-Dibromoethane
Concen: 48.718 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

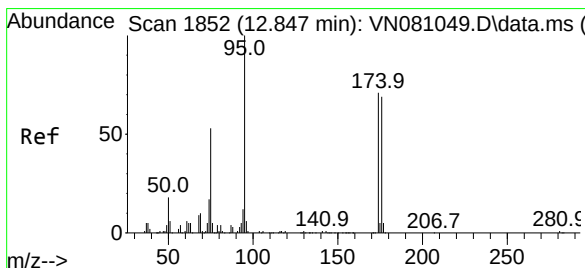
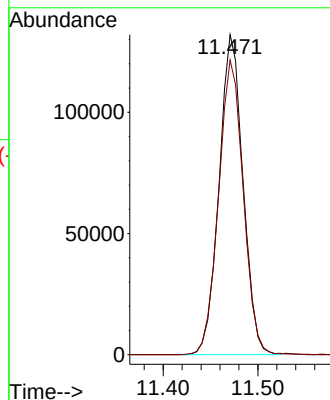
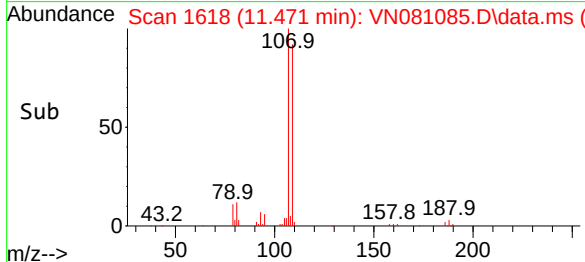
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



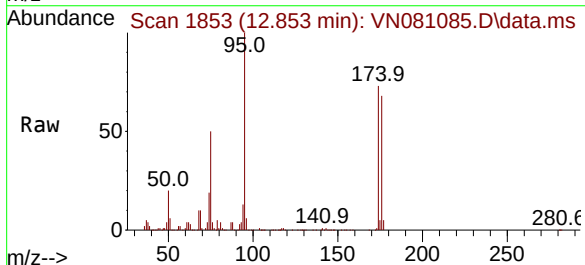
Tgt Ion:107 Resp: 23144
Ion Ratio Lower Upper
107 100
109 95.1 73.4 110.2

Manual Integrations
APPROVED

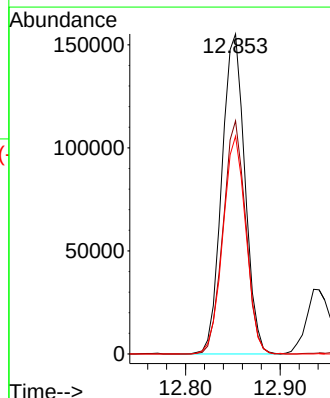
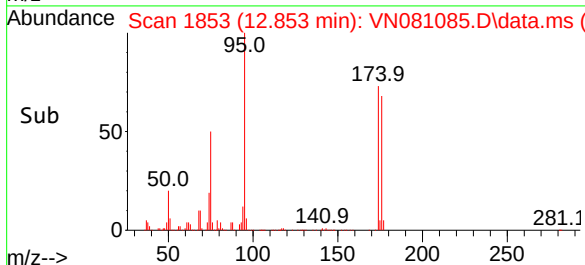
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

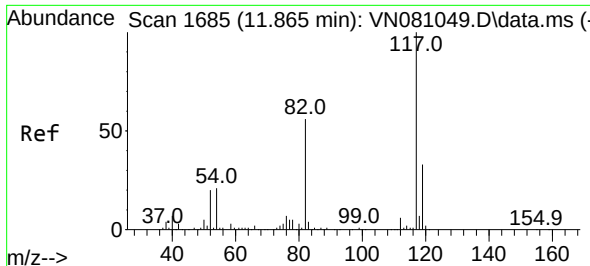


#62
4-Bromofluorobenzene
Concen: 52.601 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53



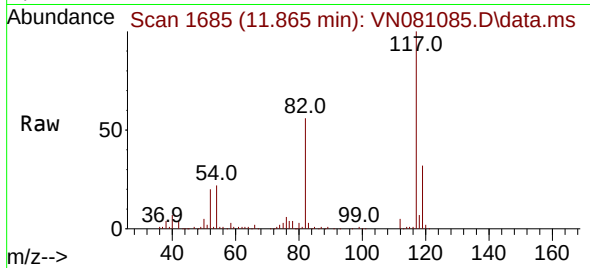
Tgt Ion: 95 Resp: 262658
Ion Ratio Lower Upper
95 100
174 71.4 0.0 120.4
176 68.1 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

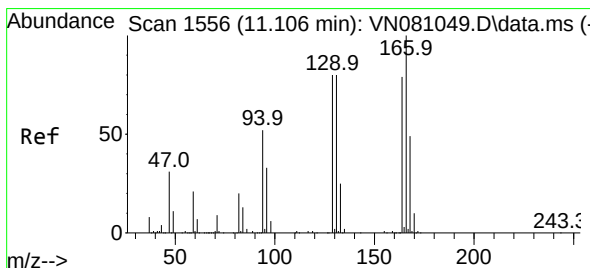
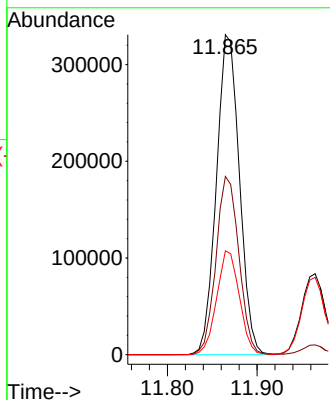
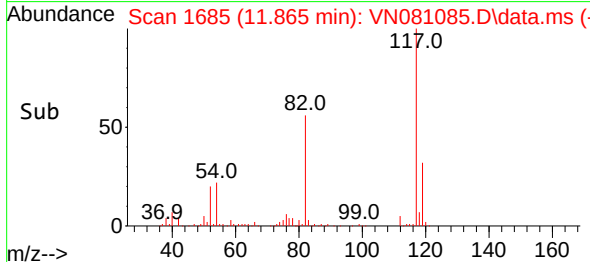
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 590629
Ion Ratio Lower Upper
117 100
82 55.7 52.7 79.1
119 32.4 25.3 37.9

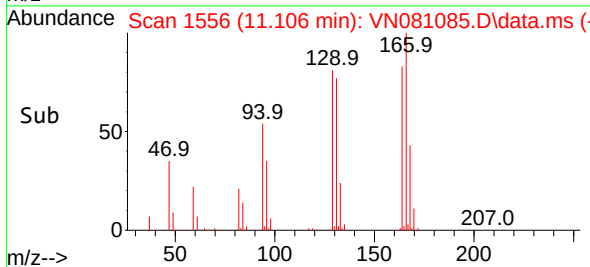
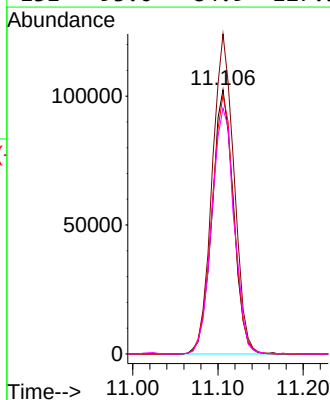
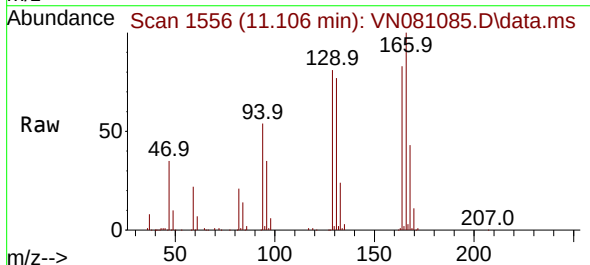
Manual Integrations
APPROVED

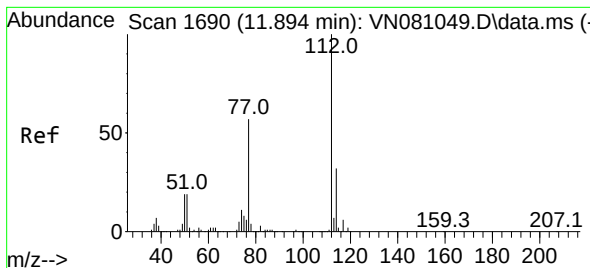
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#64
Tetrachloroethene
Concen: 44.200 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Tgt Ion:164 Resp: 178173
Ion Ratio Lower Upper
164 100
166 121.1 105.8 158.6
129 97.9 89.6 134.4
131 93.0 84.9 127.3





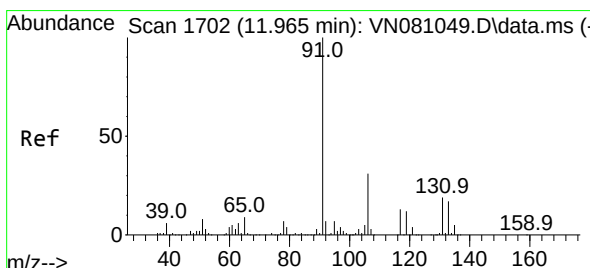
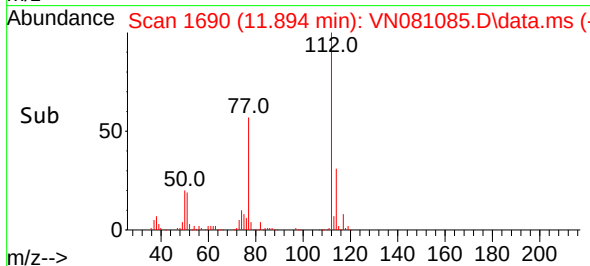
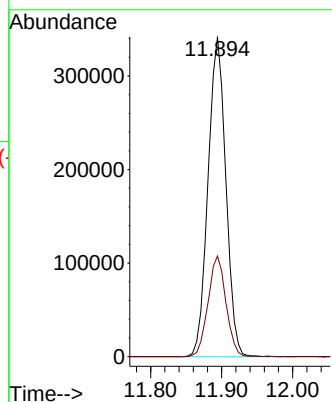
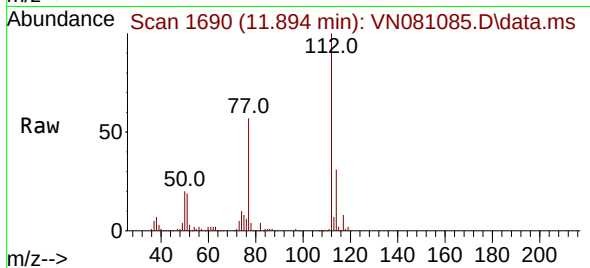
#65
Chlorobenzene
Concen: 46.542 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 594949
Ion Ratio Lower Upper
112 100
114 31.4 23.7 35.5

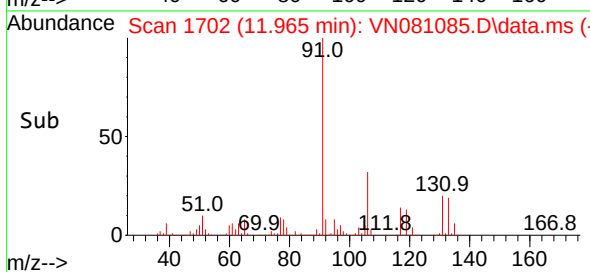
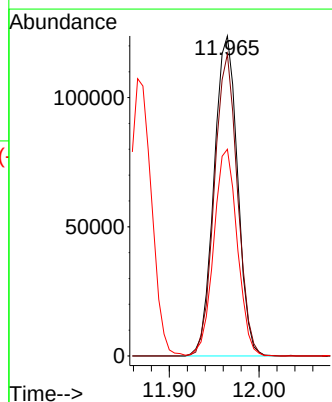
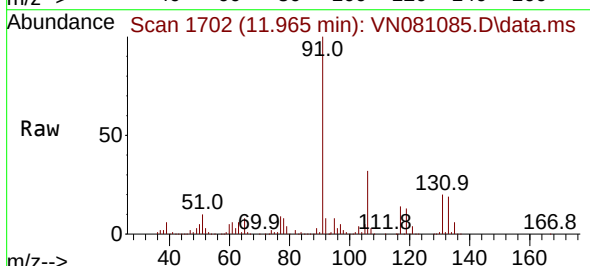
Manual Integrations
APPROVED

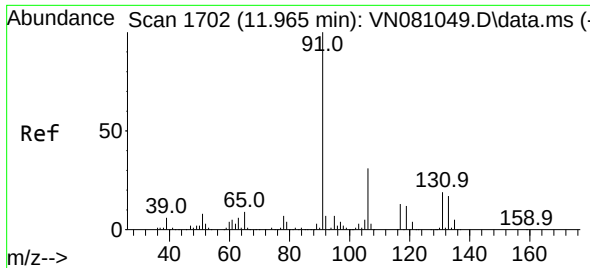
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.195 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

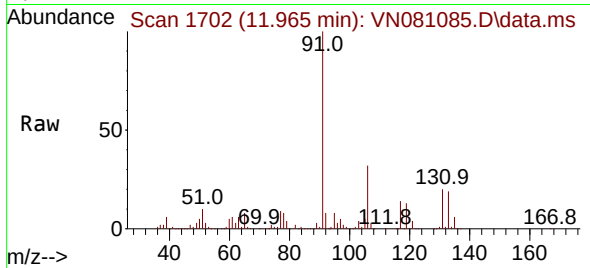
Tgt Ion:131 Resp: 225870
Ion Ratio Lower Upper
131 100
133 92.7 46.8 140.3
119 64.7 34.6 103.9





#67
Ethyl Benzene
Concen: 46.262 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

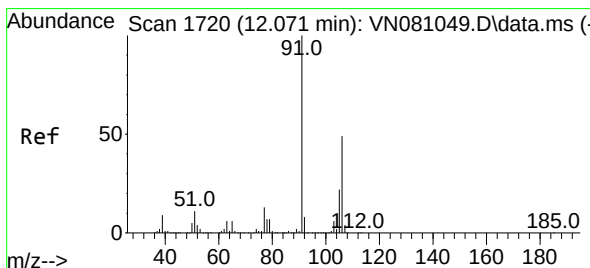
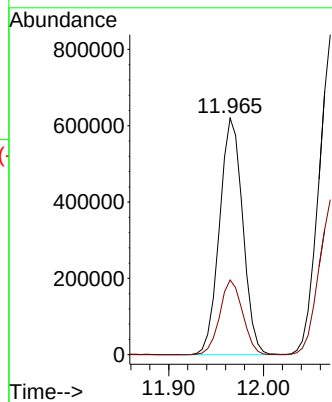
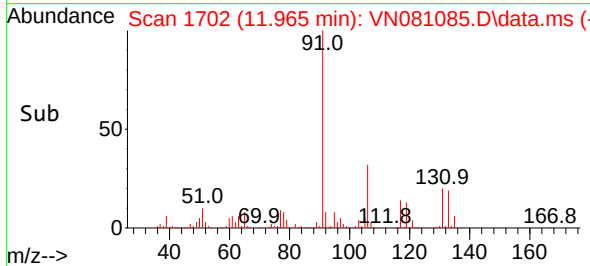
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



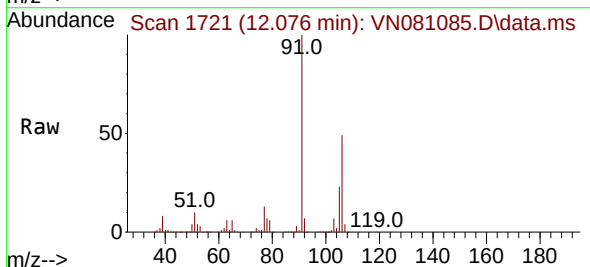
Tgt Ion: 91 Resp: 105819
Ion Ratio Lower Upper
91 100
106 31.6 23.8 35.6

Manual Integrations
APPROVED

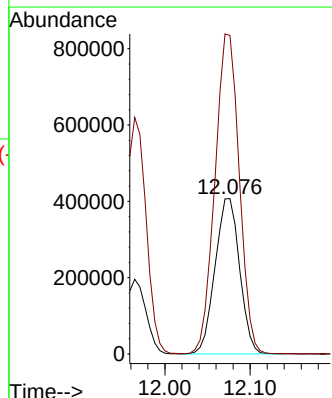
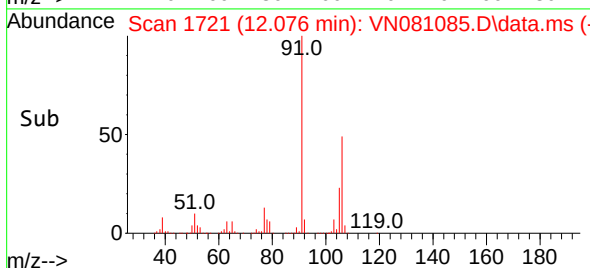
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

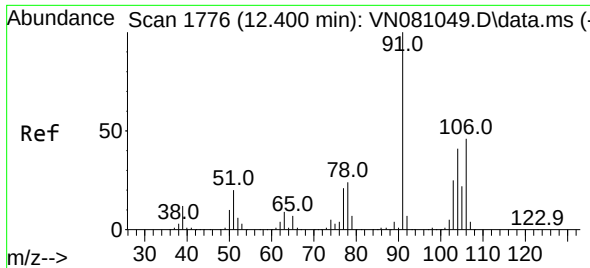


#68
m/p-Xylenes
Concen: 93.076 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53



Tgt Ion:106 Resp: 816052
Ion Ratio Lower Upper
106 100
91 204.3 169.0 253.6





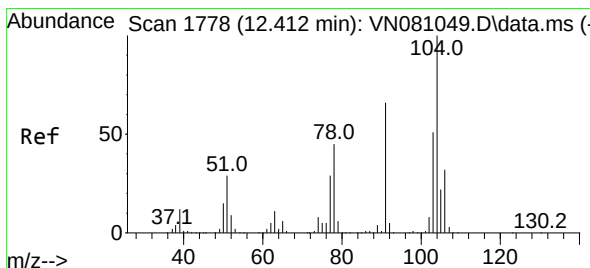
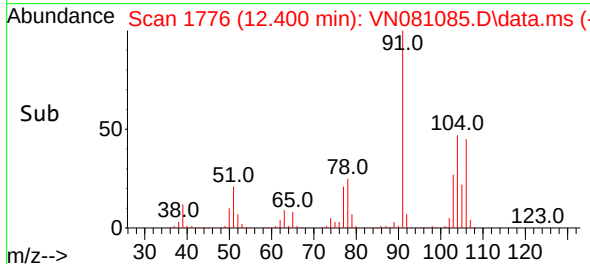
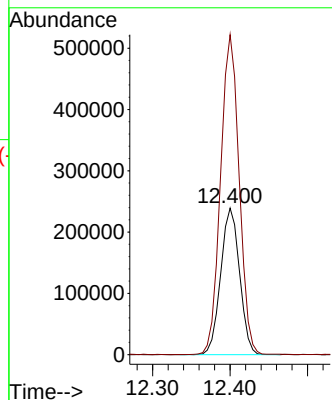
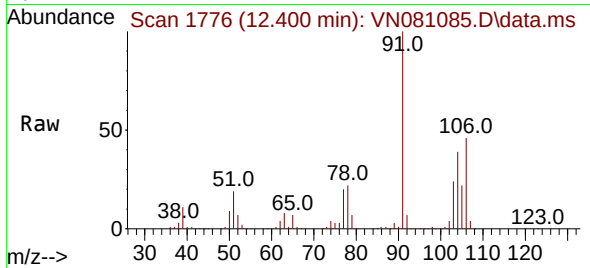
#69
o-Xylene
Concen: 46.585 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 40486
Ion Ratio Lower Upper
106 100
91 216.0 112.1 336.3

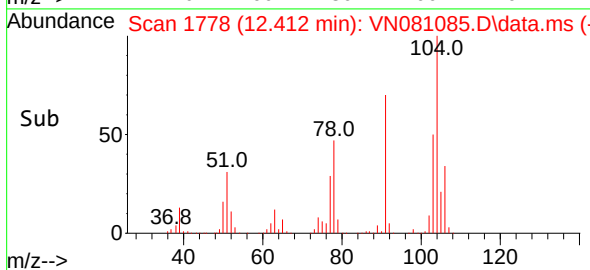
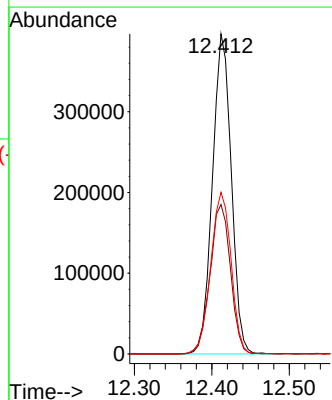
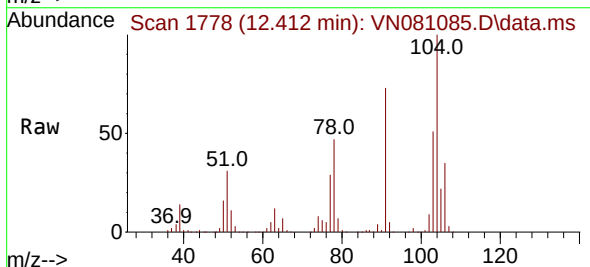
Manual Integrations
APPROVED

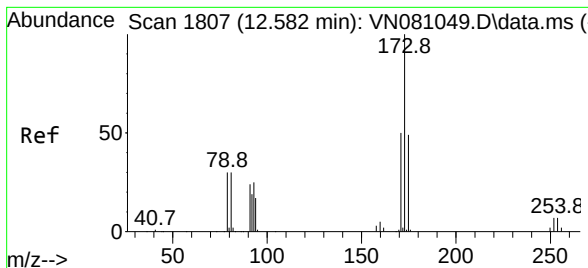
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#70
Styrene
Concen: 48.639 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Tgt Ion:104 Resp: 669840
Ion Ratio Lower Upper
104 100
78 50.8 43.8 65.8
103 54.6 44.2 66.2





#71

Bromoform

Concen: 57.044 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081085.D

Acq: 19 Feb 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 16616

Ion Ratio Lower Upper

173 100

175 46.6 23.1 69.2

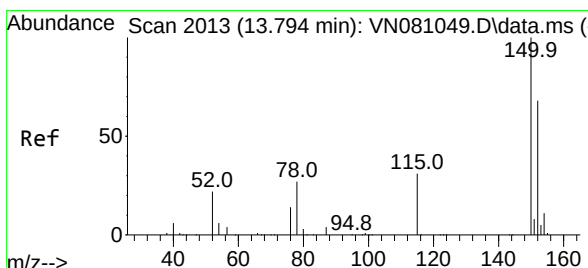
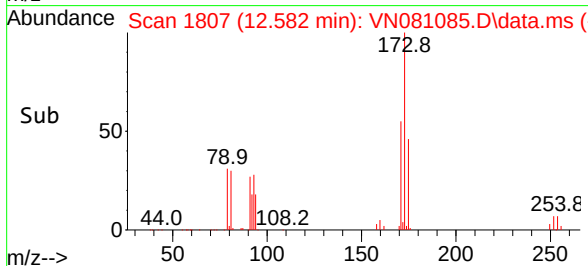
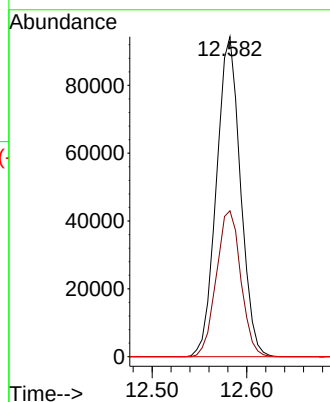
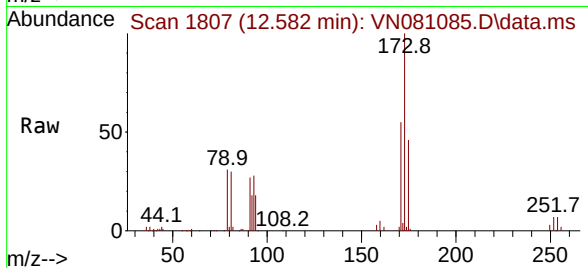
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081085.D

Acq: 19 Feb 2024 18:53

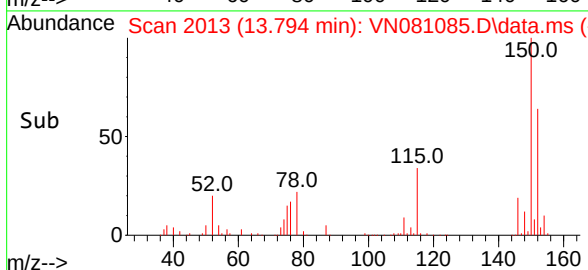
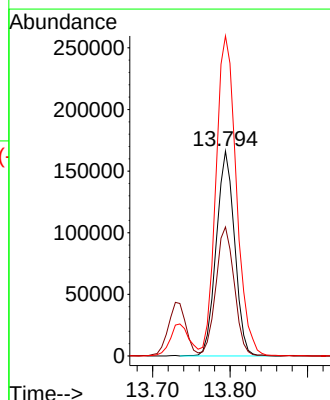
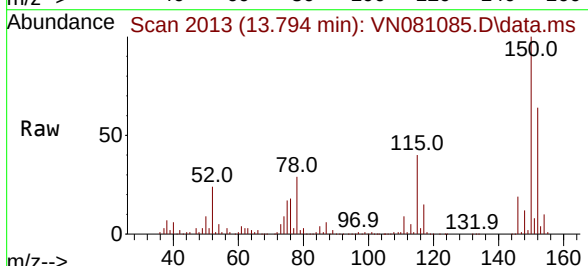
Tgt Ion:152 Resp: 273604

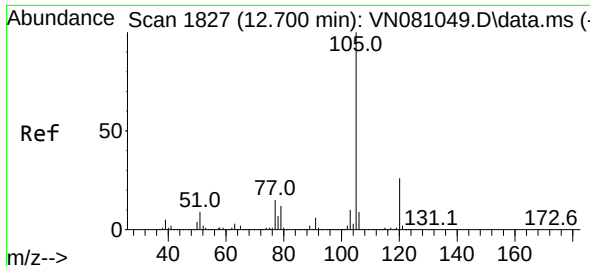
Ion Ratio Lower Upper

152 100

115 63.4 32.3 96.8

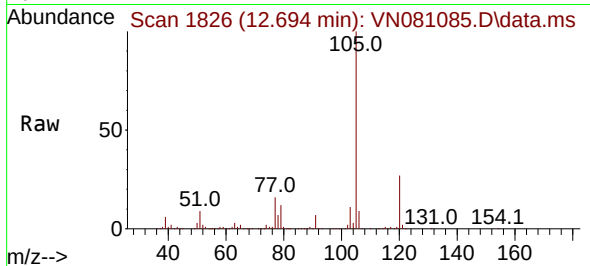
150 174.6 0.0 339.8





#73
Isopropylbenzene
Concen: 43.520 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

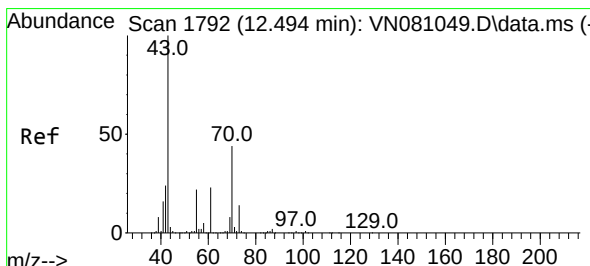
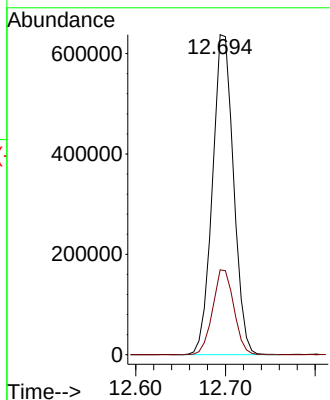
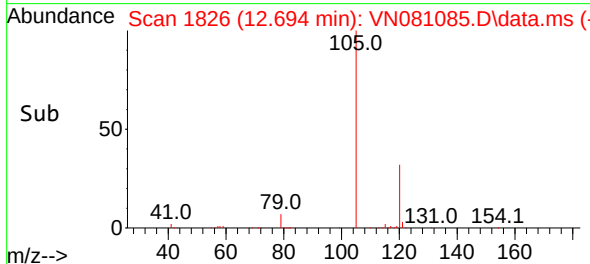
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1041799
Ion Ratio Lower Upper
105 100
120 26.6 12.6 37.6

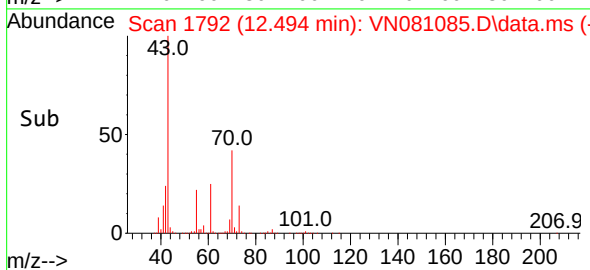
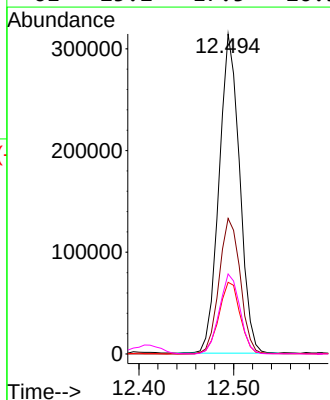
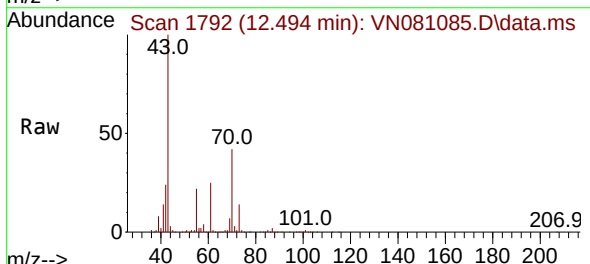
Manual Integrations
APPROVED

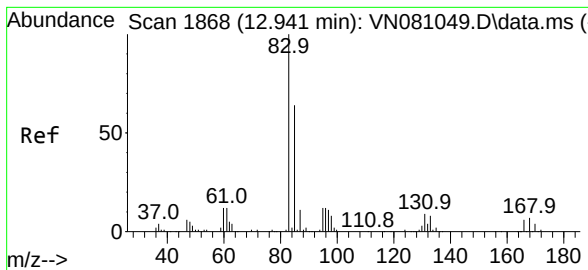
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#74
N-ethyl acetate
Concen: 46.873 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

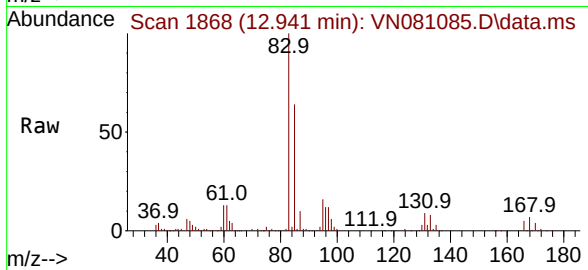
Tgt Ion: 43 Resp: 474225
Ion Ratio Lower Upper
43 100
70 43.6 30.1 45.1
55 23.4 17.0 25.4
61 25.2 17.5 26.3





#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.215 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN081085.D
 Acq: 19 Feb 2024 18:53

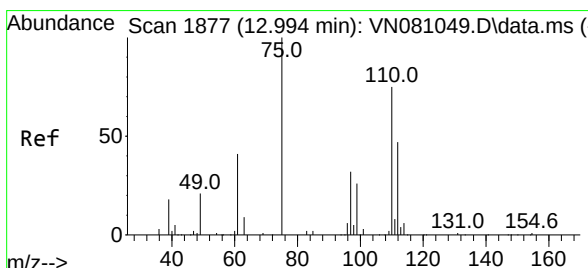
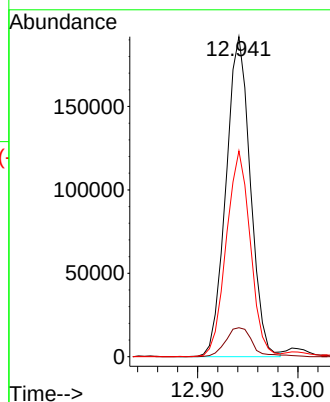
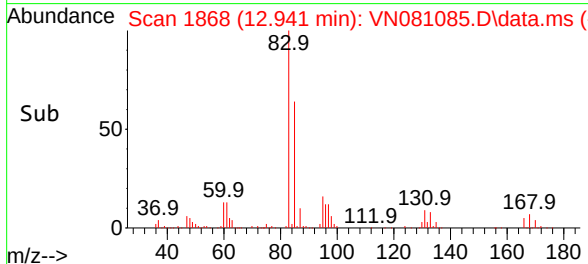
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



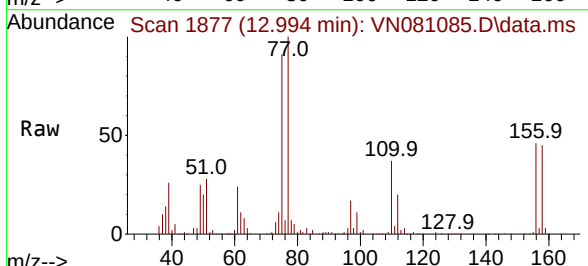
Tgt Ion: 83 Resp: 324540
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.1 12.3
 85 63.6 32.1 96.3

Manual Integrations
 APPROVED

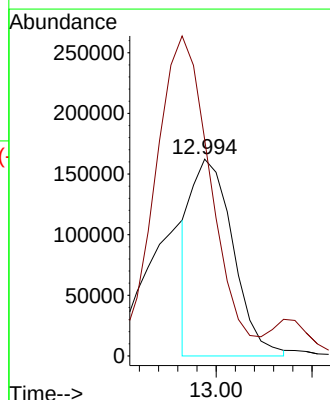
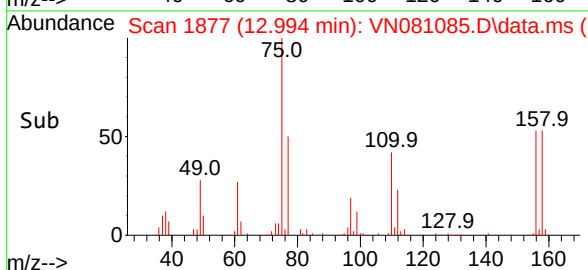
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024

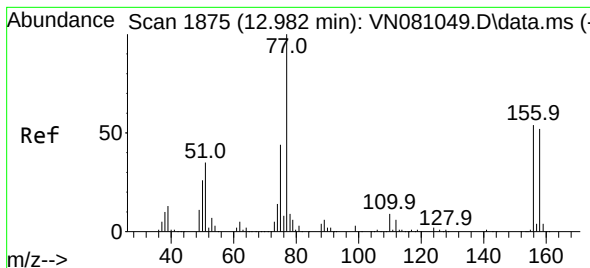


#76
 1,2,3-Trichloropropane
 Concen: 39.381 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN081085.D
 Acq: 19 Feb 2024 18:53



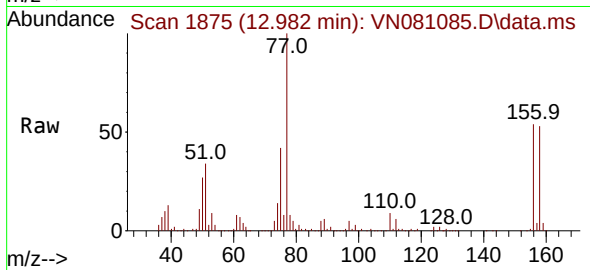
Tgt Ion: 75 Resp: 244808
 Ion Ratio Lower Upper
 75 100
 77 218.2 91.0 272.8





#77
Bromobenzene
Concen: 45.227 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

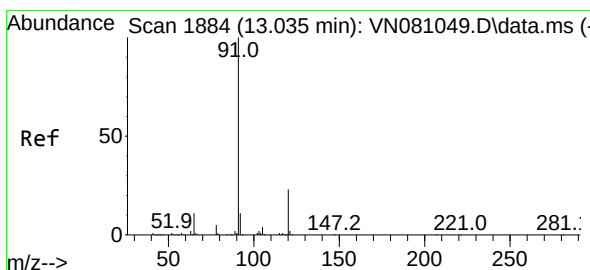
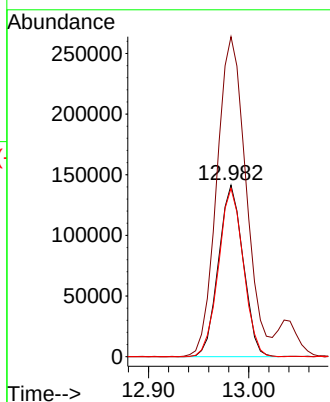
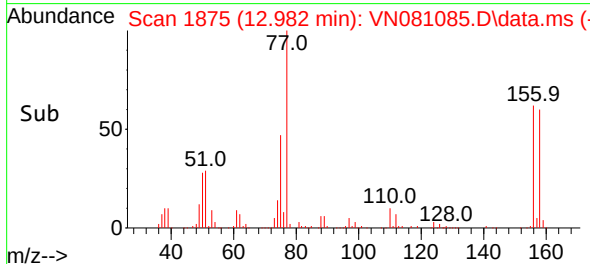
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



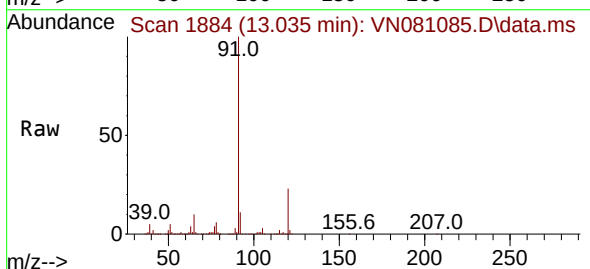
Tgt Ion:156 Resp: 241405
Ion Ratio Lower Upper
156 100
77 221.3 138.1 414.3
158 98.4 46.5 139.5

Manual Integrations
APPROVED

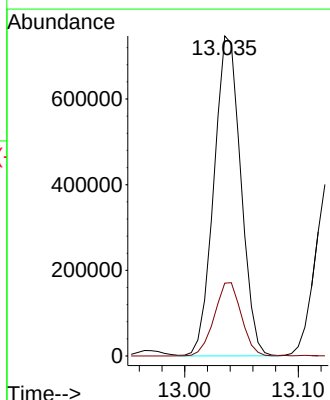
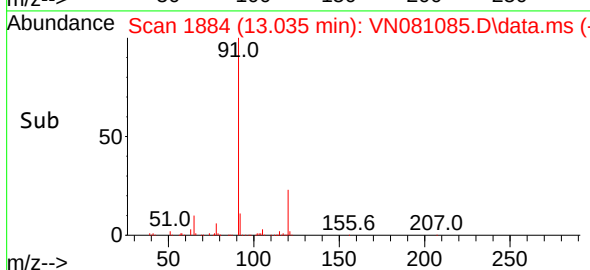
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

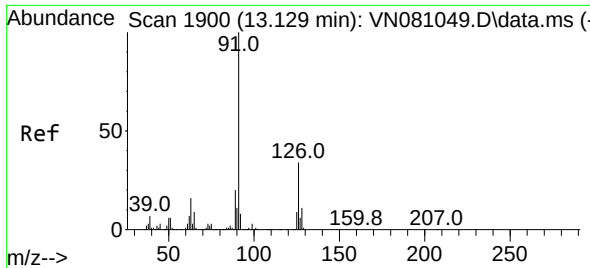


#78
n-propylbenzene
Concen: 44.594 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53



Tgt Ion: 91 Resp: 1228895
Ion Ratio Lower Upper
91 100
120 23.1 10.3 30.9





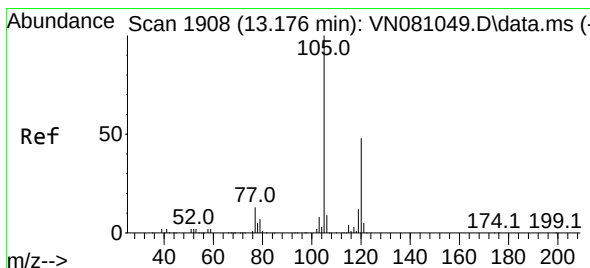
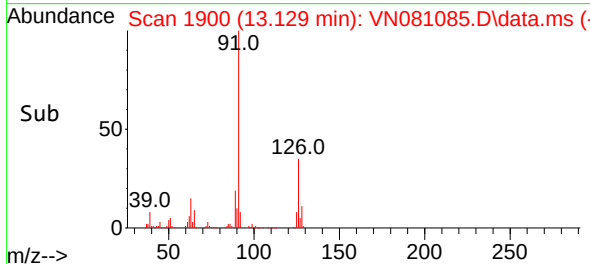
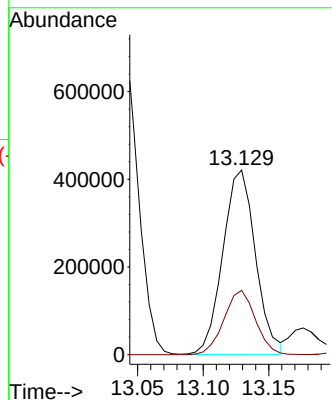
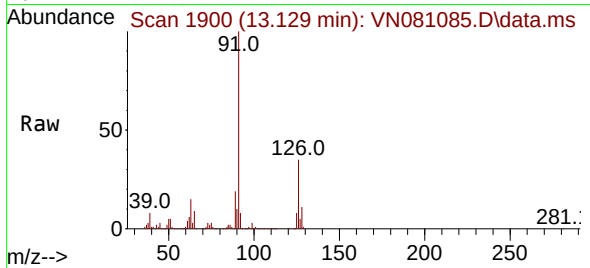
#79
2-Chlorotoluene
Concen: 43.150 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 729370
Ion Ratio Lower Upper
91 100
126 33.7 14.8 44.4

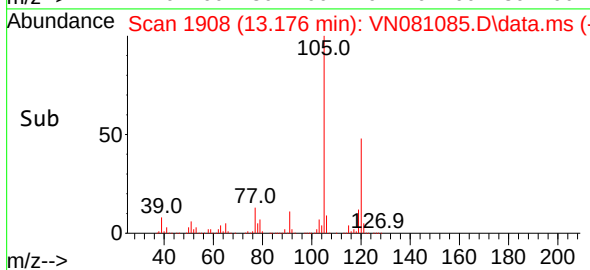
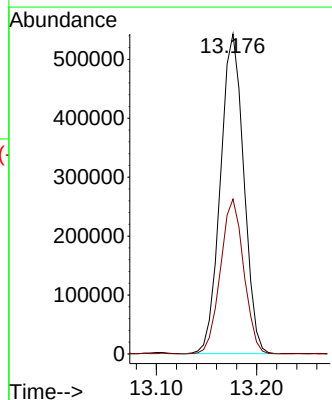
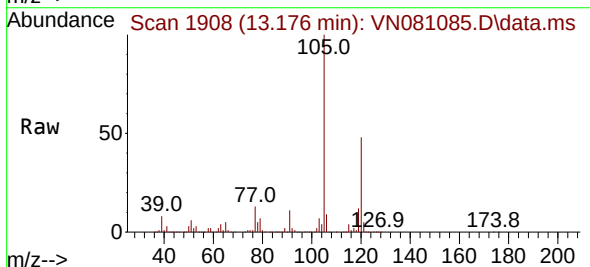
Manual Integrations
APPROVED

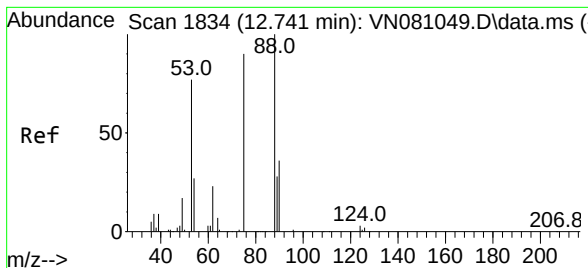
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 45.059 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

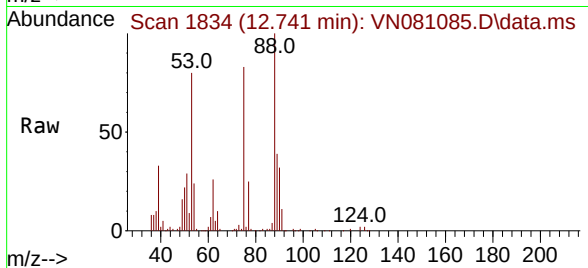
Tgt Ion:105 Resp: 874570
Ion Ratio Lower Upper
105 100
120 48.2 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 52.563 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

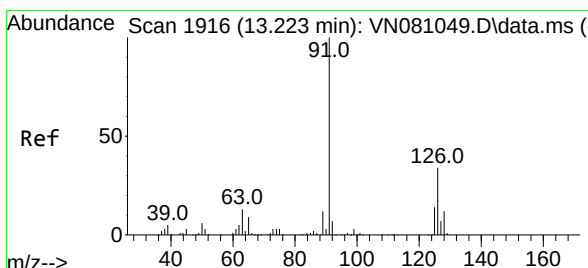
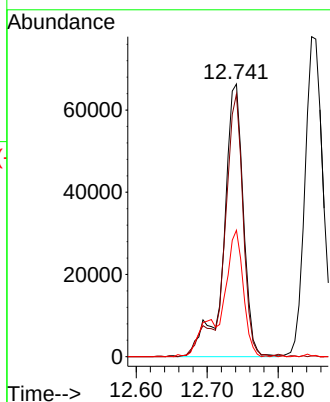
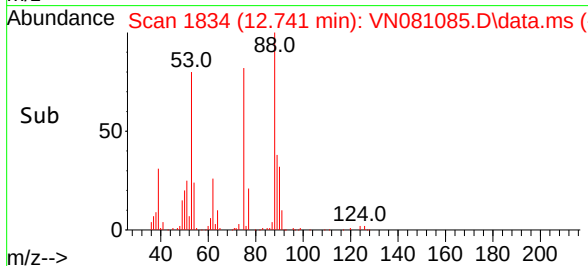
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 126950
Ion Ratio Lower Upper
75 100
53 92.8 71.4 107.2
89 40.7 33.4 50.0

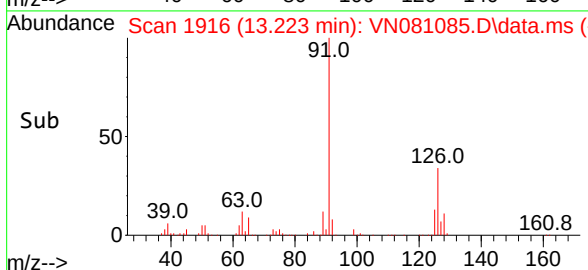
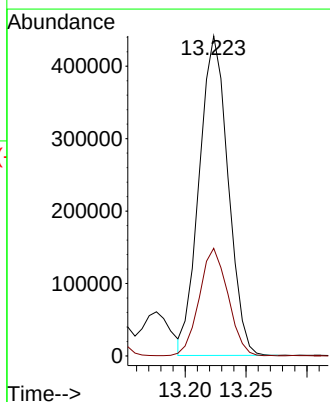
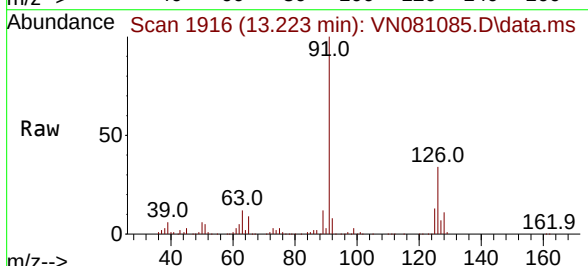
Manual Integrations
APPROVED

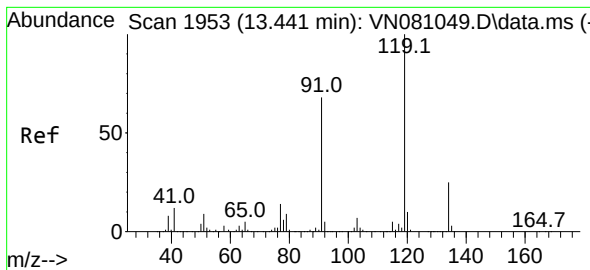
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#82
4-Chlorotoluene
Concen: 44.031 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

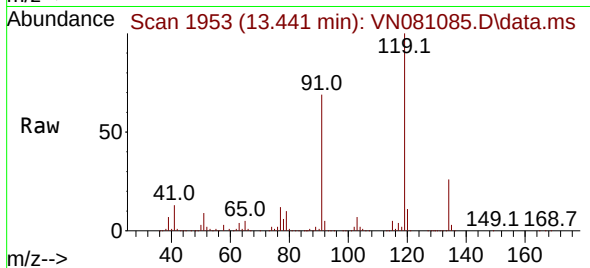
Tgt Ion: 91 Resp: 727731
Ion Ratio Lower Upper
91 100
126 33.4 15.3 45.9





#83
tert-Butylbenzene
Concen: 44.528 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

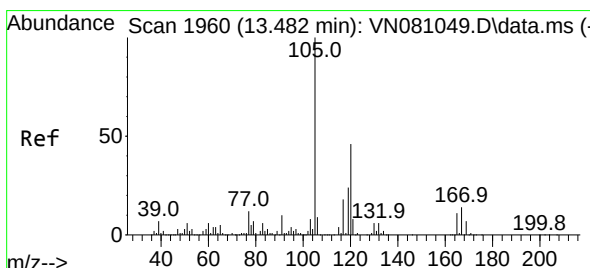
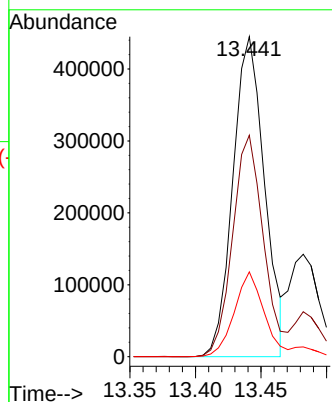
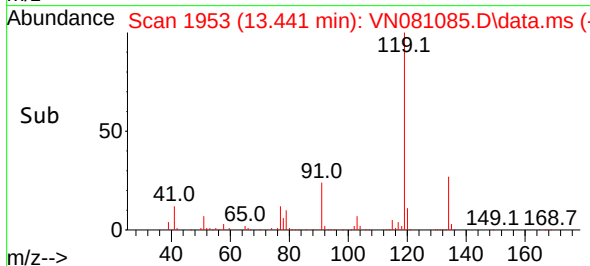
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 747300
Ion Ratio Lower Upper
119 100
91 68.2 36.8 110.4
134 24.9 12.4 37.4

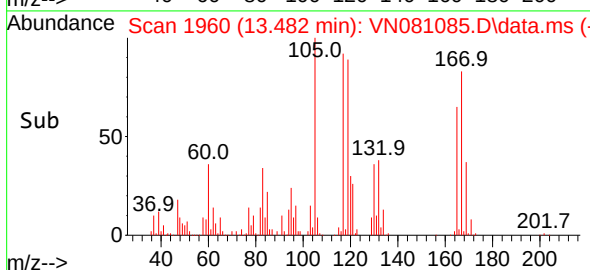
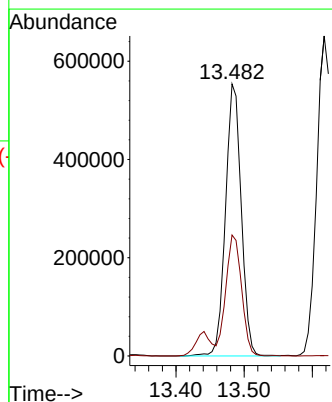
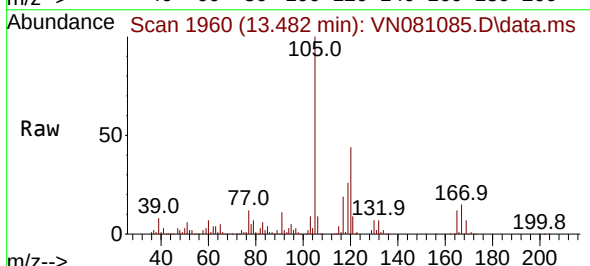
Manual Integrations
APPROVED

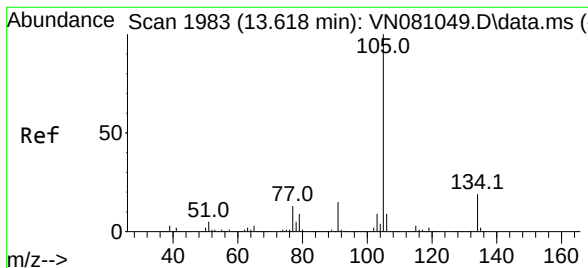
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 45.994 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

Tgt Ion:105 Resp: 889567
Ion Ratio Lower Upper
105 100
120 44.3 20.9 62.7





#85

sec-Butylbenzene

Concen: 45.267 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081085.D

Acq: 19 Feb 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 1056150

Ion Ratio Lower Upper

105 100

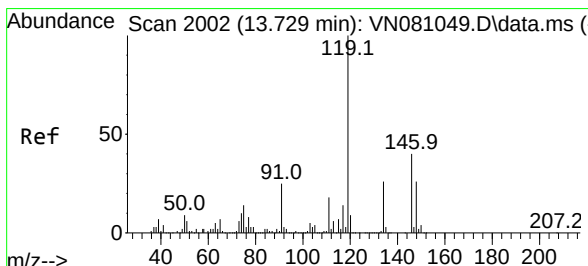
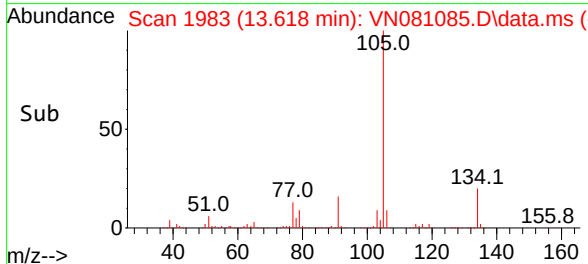
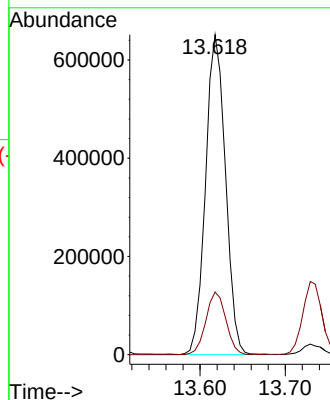
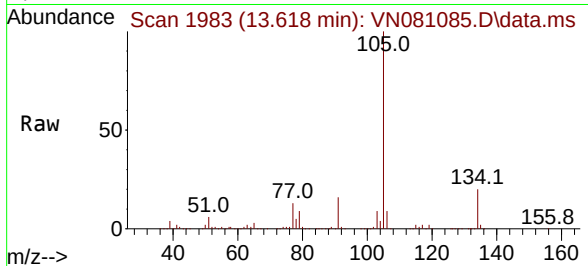
134 19.7 8.6 25.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#86

p-Isopropyltoluene

Concen: 45.482 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081085.D

Acq: 19 Feb 2024 18:53

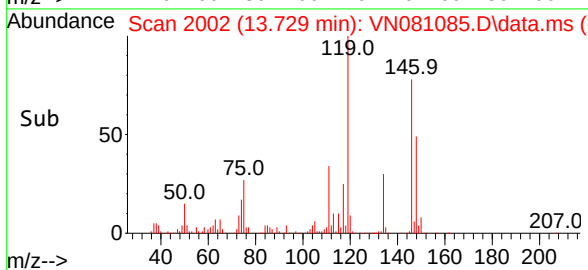
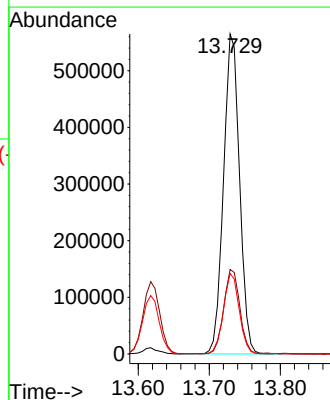
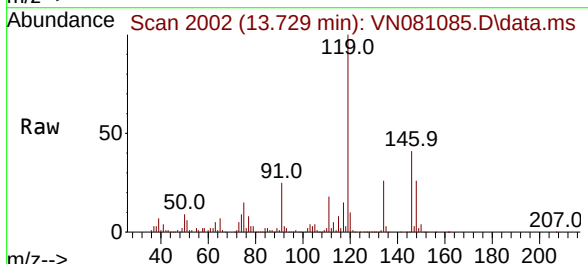
Tgt Ion:119 Resp: 881412

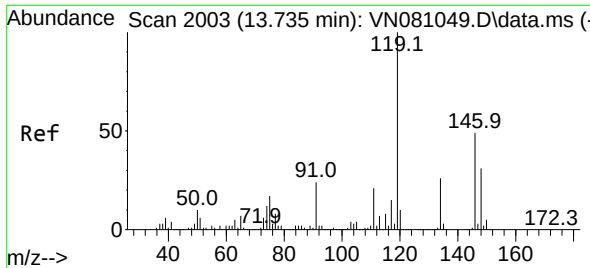
Ion Ratio Lower Upper

119 100

134 26.6 12.4 37.2

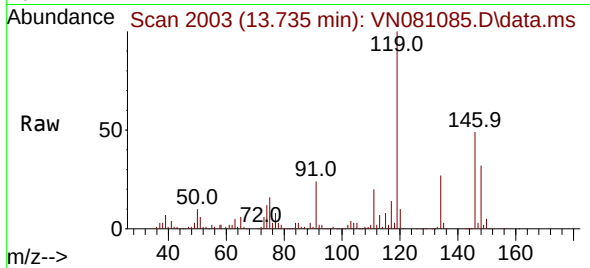
91 24.7 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 44.176 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

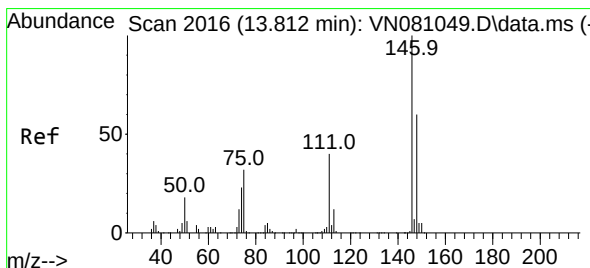
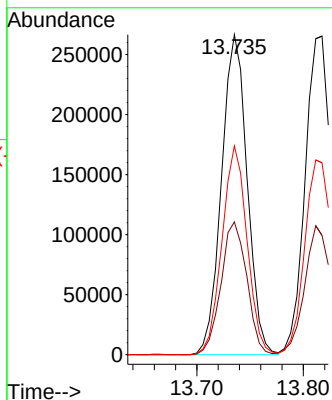
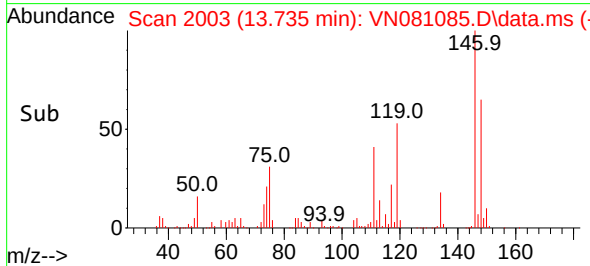
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



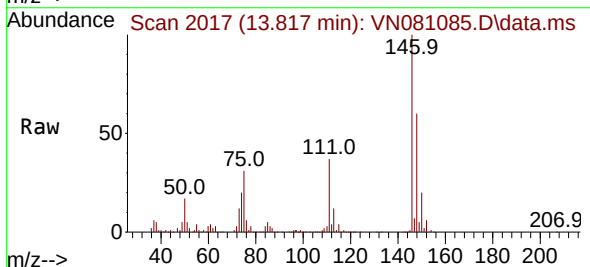
Tgt Ion:146 Resp: 44552
Ion Ratio Lower Upper
146 100
111 41.7 23.9 71.7
148 63.7 32.6 97.7

Manual Integrations
APPROVED

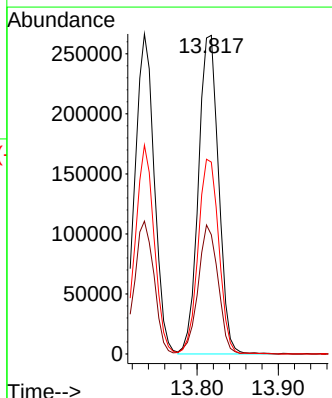
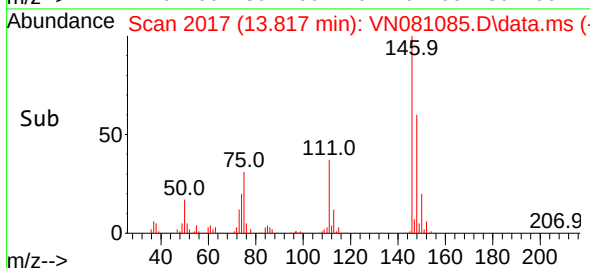
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

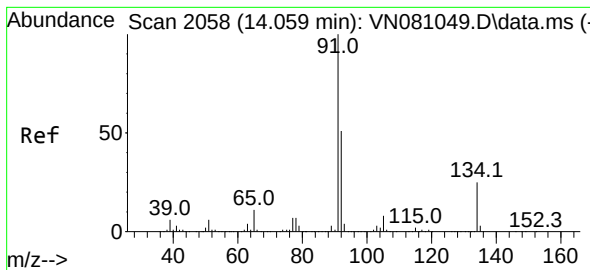


#88
1,4-Dichlorobenzene
Concen: 46.178 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53



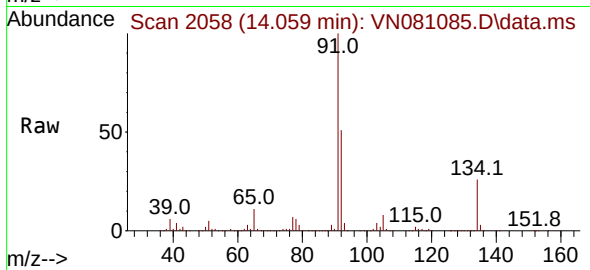
Tgt Ion:146 Resp: 457620
Ion Ratio Lower Upper
146 100
111 40.4 22.6 67.7
148 62.8 31.9 95.5





#89
n-Butylbenzene
Concen: 46.695 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

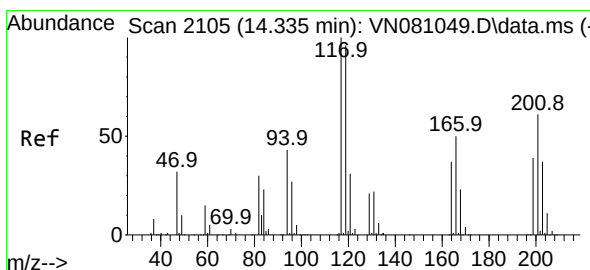
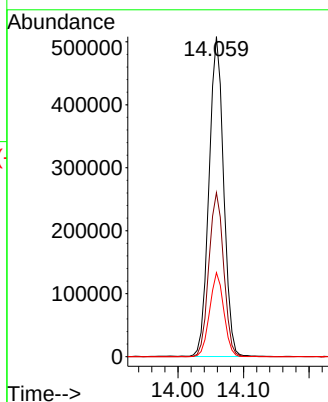
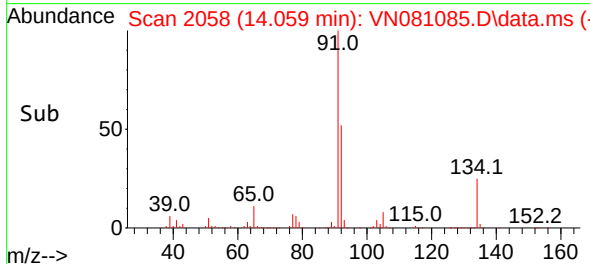
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 78836
Ion Ratio Lower Upper
91 100
92 51.8 26.7 80.1
134 25.5 10.8 32.4

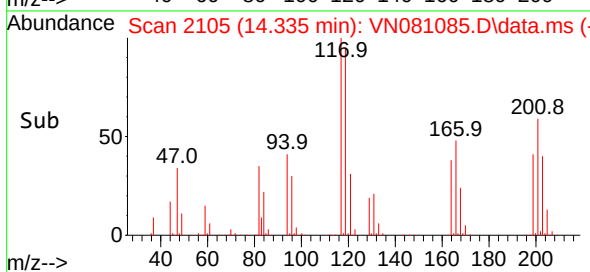
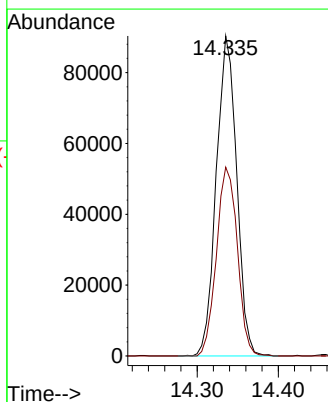
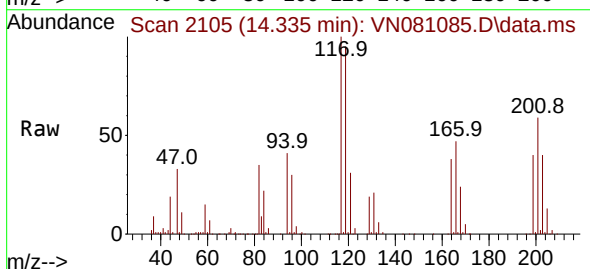
Manual Integrations
APPROVED

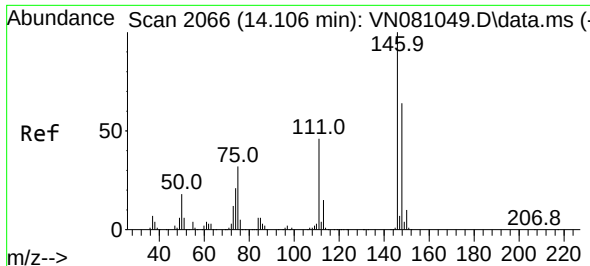
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#90
Hexachloroethane
Concen: 49.289 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

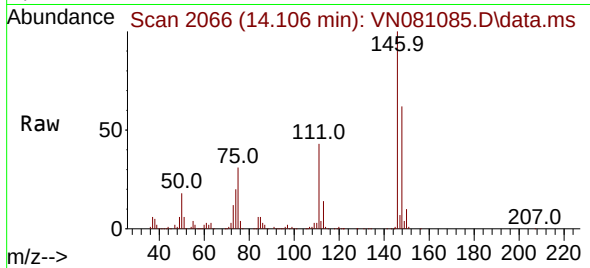
Tgt Ion:117 Resp: 157889
Ion Ratio Lower Upper
117 100
201 60.4 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 45.482 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

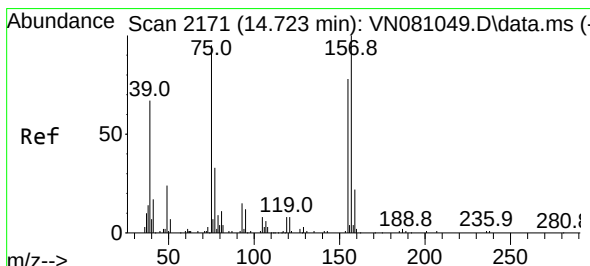
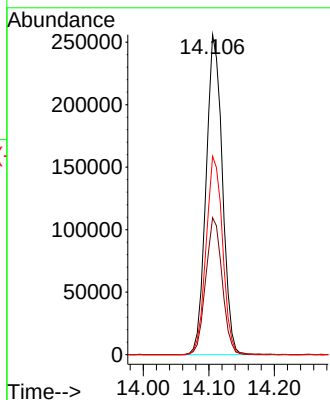
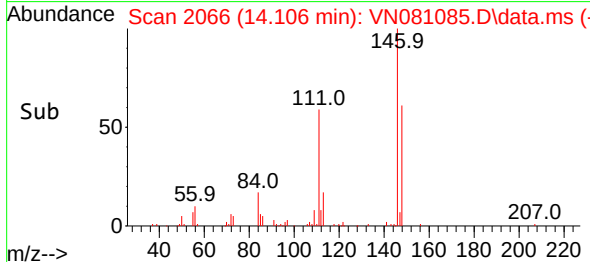
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



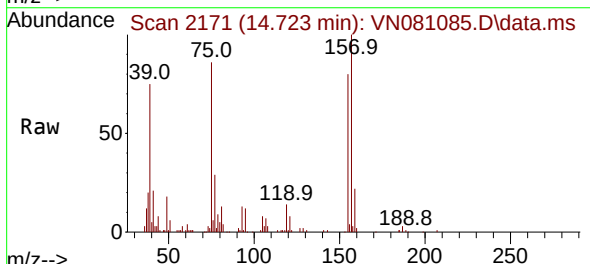
Tgt Ion:146 Resp: 442405
Ion Ratio Lower Upper
146 100
111 43.1 23.9 71.8
148 62.9 31.4 94.0

Manual Integrations
APPROVED

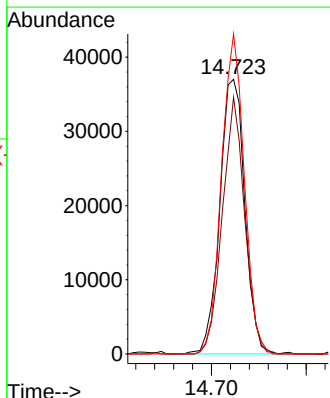
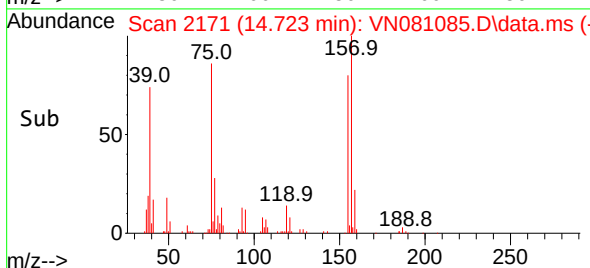
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

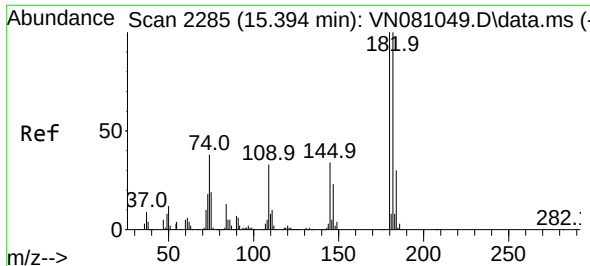


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.314 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53



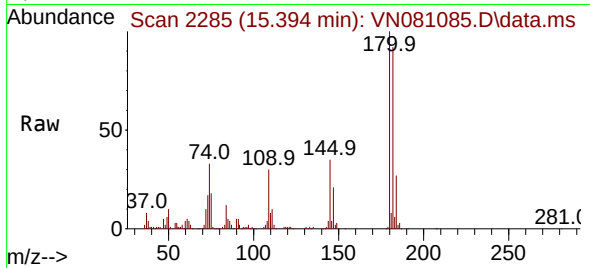
Tgt Ion: 75 Resp: 67615
Ion Ratio Lower Upper
75 100
155 83.6 31.8 95.4
157 106.5 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 46.306 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53

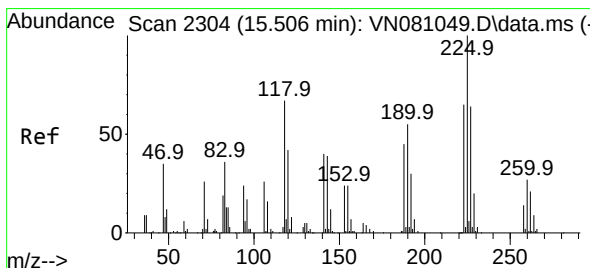
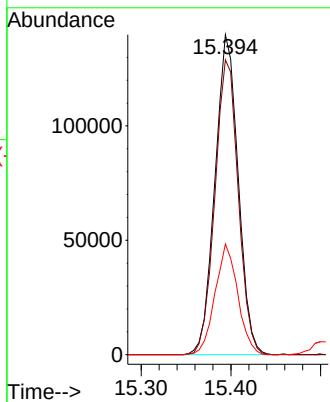
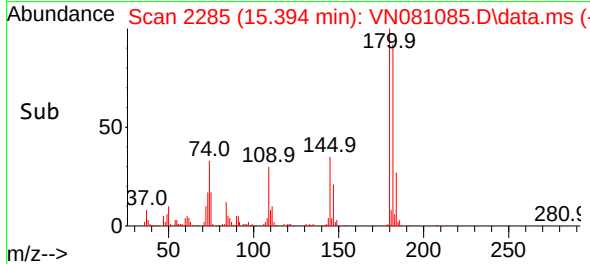
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



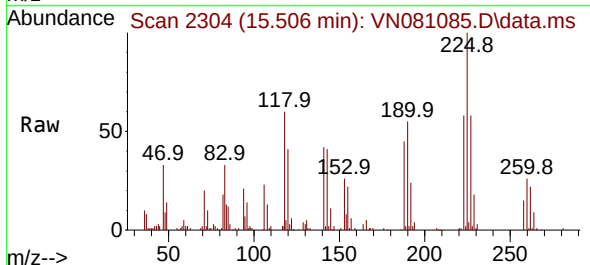
Tgt Ion:180 Resp: 25128
Ion Ratio Lower Upper
180 100
182 92.7 46.6 139.7
145 33.9 16.8 50.3

Manual Integrations
APPROVED

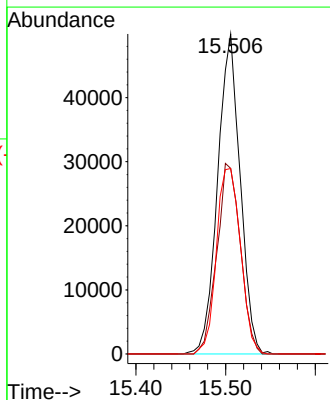
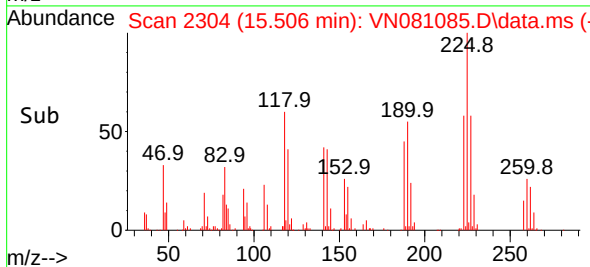
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

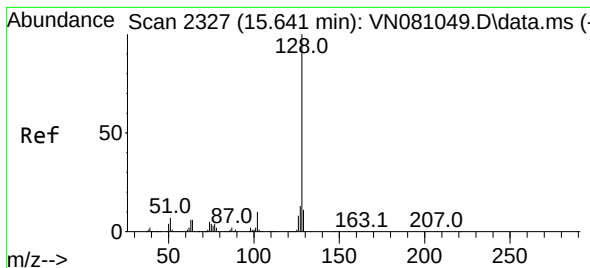


#94
Hexachlorobutadiene
Concen: 42.982 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN081085.D
Acq: 19 Feb 2024 18:53



Tgt Ion:225 Resp: 86988
Ion Ratio Lower Upper
225 100
223 62.0 33.3 99.8
227 62.1 33.1 99.2





#95

Naphthalene

Concen: 47.911 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081085.D

Acq: 19 Feb 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 95276

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

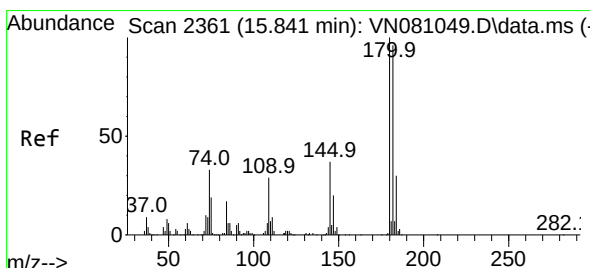
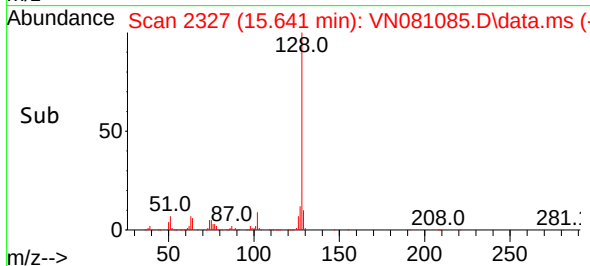
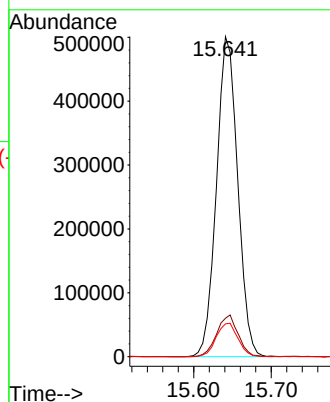
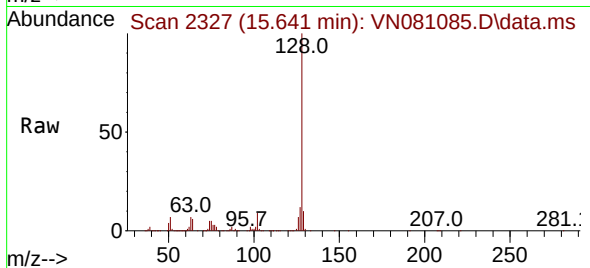
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 46.966 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081085.D

Acq: 19 Feb 2024 18:53

Tgt Ion:180 Resp: 252836

Ion Ratio Lower Upper

180 100

182 94.2 46.5 139.3

145 35.0 17.8 53.4

