

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081634.D
 Acq On : 29 Mar 2024 22:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2024
 Supervised By : Mahesh Dadoda 04/01/2024

Quant Time: Mar 30 00:37:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	320017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	590366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	553244	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	266321	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	219786	53.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.700%	
35) Dibromofluoromethane	8.165	113	201427	54.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.120%	
50) Toluene-d8	10.571	98	697540	51.791	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.580%	
62) 4-Bromofluorobenzene	12.847	95	258564	54.483	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 108.960%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	190546	44.220	ug/l	94
3) Chloromethane	2.359	50	203930	47.533	ug/l	95
4) Vinyl Chloride	2.518	62	241188	50.093	ug/l	90
5) Bromomethane	2.953	94	146241	42.948	ug/l	96
6) Chloroethane	3.118	64	180010	54.452	ug/l	99
7) Trichlorofluoromethane	3.500	101	385478	53.719	ug/l	93
8) Diethyl Ether	3.959	74	131833	55.513	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.377	101	216470	53.092	ug/l	# 88
10) Methyl Iodide	4.589	142	237661	58.532	ug/l	98
11) Tert butyl alcohol	5.518	59	216163	303.941	ug/l	100
12) 1,1-Dichloroethene	4.336	96	196968	52.153	ug/l	82
13) Acrolein	4.177	56	125564	196.754	ug/l	99
14) Allyl chloride	5.030	41	241394	51.008	ug/l	# 84
15) Acrylonitrile	5.712	53	510690	268.411	ug/l	97
16) Acetone	4.424	43	366439	277.836	ug/l	96
17) Carbon Disulfide	4.718	76	478437	44.145	ug/l	# 92
18) Methyl Acetate	5.018	43	247189	60.792	ug/l	# 85
19) Methyl tert-butyl Ether	5.794	73	697378	59.002	ug/l	95
20) Methylene Chloride	5.271	84	241723	55.950	ug/l	85
21) trans-1,2-Dichloroethene	5.789	96	223505	53.077	ug/l	86
22) Diisopropyl ether	6.671	45	657501	59.794	ug/l	# 92
23) Vinyl Acetate	6.600	43	2425771	277.149	ug/l	# 88
24) 1,1-Dichloroethane	6.571	63	415592	56.429	ug/l	95
25) 2-Butanone	7.483	43	617965	273.171	ug/l	# 86
26) 2,2-Dichloropropane	7.494	77	306329	47.955	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	276033	57.935	ug/l	82
28) Bromochloromethane	7.812	49	150568	50.193	ug/l	# 50
29) Tetrahydrofuran	7.835	42	413627	271.416	ug/l	# 77
30) Chloroform	7.965	83	471947	59.859	ug/l	96
31) Cyclohexane	8.259	56	320534	48.266	ug/l	# 70
32) 1,1,1-Trichloroethane	8.171	97	420319	58.760	ug/l	92
36) 1,1-Dichloropropene	8.371	75	320104	51.053	ug/l	95
37) Ethyl Acetate	7.559	43	248600	46.302	ug/l	96
38) Carbon Tetrachloride	8.365	117	362723	52.809	ug/l	98
39) Methylcyclohexane	9.600	83	344867	49.252	ug/l	85
40) Benzene	8.606	78	972067	53.028	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	148157	52.179	ug/l	89
42) 1,2-Dichloroethane	8.671	62	343182	53.197	ug/l	97
43) Isopropyl Acetate	8.688	43	525539	59.051	ug/l #	98
44) Trichloroethene	9.353	130	265050	51.410	ug/l	93
45) 1,2-Dichloropropane	9.624	63	246639	55.517	ug/l	99
46) Dibromomethane	9.706	93	183948	54.522	ug/l #	88
47) Bromodichloromethane	9.888	83	373076	56.558	ug/l #	99
48) Methyl methacrylate	9.682	41	212297	51.717	ug/l #	85
49) 1,4-Dioxane	9.694	88	98714	1000.664	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1380598	254.225	ug/l	90
52) Toluene	10.629	92	637224	54.692	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	375145	52.668	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	402330	52.683	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	265658	56.657	ug/l	91
56) Ethyl methacrylate	10.876	69	356377	50.948	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	433536	56.401	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	844364	286.189	ug/l #	84
59) 2-Hexanone	11.194	43	1022065	254.557	ug/l	88
60) Dibromochloromethane	11.359	129	291555	56.539	ug/l	98
61) 1,2-Dibromoethane	11.470	107	264198	55.267	ug/l	100
64) Tetrachloroethene	11.106	164	285247	53.939	ug/l	92
65) Chlorobenzene	11.894	112	684573	52.343	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	267673	55.221	ug/l	97
67) Ethyl Benzene	11.965	91	1234501	54.339	ug/l	97
68) m/p-Xylenes	12.070	106	946609	111.145	ug/l	93
69) o-Xylene	12.400	106	460914	55.125	ug/l	94
70) Styrene	12.412	104	781542	57.956	ug/l	95
71) Bromoform	12.582	173	199794	54.850	ug/l #	98
73) Isopropylbenzene	12.700	105	1201949	52.946	ug/l	97
74) N-amyl acetate	12.494	43	407661	49.622	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	321235	48.128	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	308485m	48.424	ug/l	
77) Bromobenzene	12.982	156	286312	51.055	ug/l	71
78) n-propylbenzene	13.035	91	1433442	53.468	ug/l	95
79) 2-Chlorotoluene	13.129	91	846030	52.726	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	1032313	55.056	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	108868	46.181	ug/l	96
82) 4-Chlorotoluene	13.223	91	837049	52.912	ug/l	93
83) tert-Butylbenzene	13.441	119	865866	53.551	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	1026586	54.474	ug/l	95
85) sec-Butylbenzene	13.617	105	1257327	54.396	ug/l	93
86) p-Isopropyltoluene	13.729	119	1038473	54.961	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	544394	52.836	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	533912	50.045	ug/l	97
89) n-Butylbenzene	14.059	91	868527	51.839	ug/l	96
90) Hexachloroethane	14.335	117	194315	54.303	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	524625	52.902	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	68711	48.372	ug/l	72
93) 1,2,4-Trichlorobenzene	15.394	180	281501	49.093	ug/l	99
94) Hexachlorobutadiene	15.506	225	112199	44.596	ug/l	98
95) Naphthalene	15.641	128	967662	52.080	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	284167	49.269	ug/l	97

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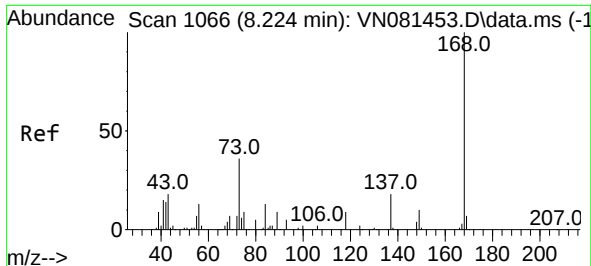
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/01/2024

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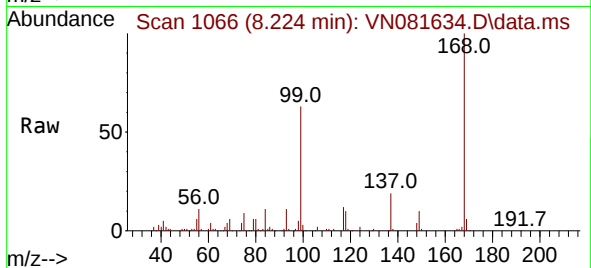
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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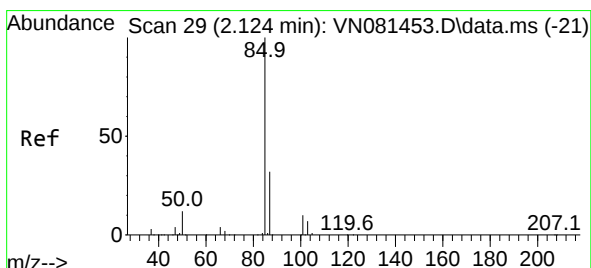
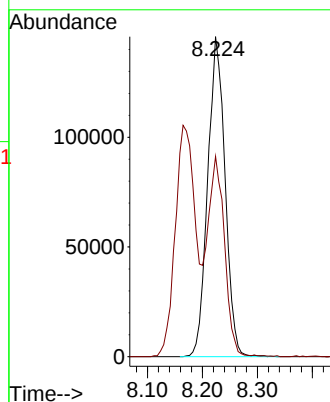
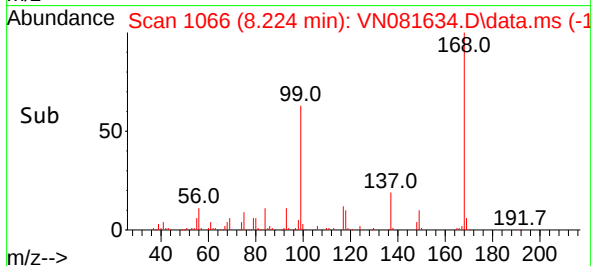
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 32001
Ion Ratio Lower Upper
168 100
99 62.6 59.9 89.9

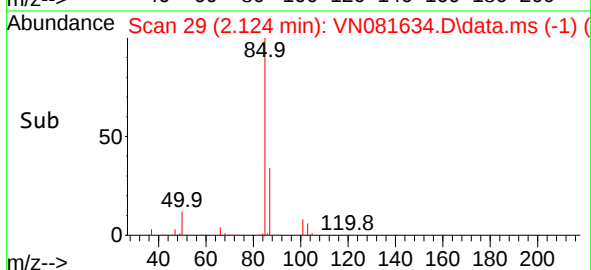
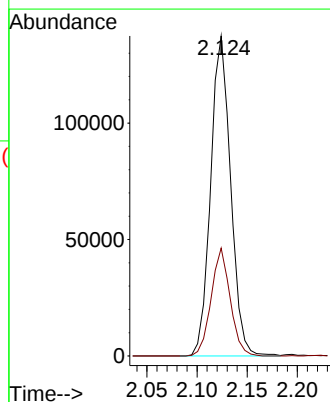
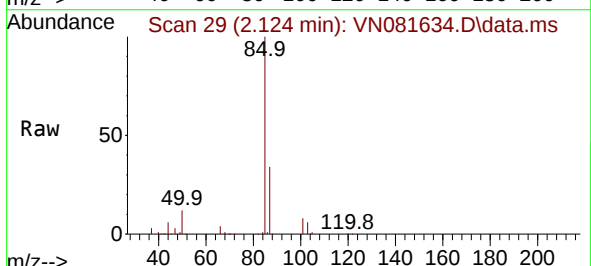
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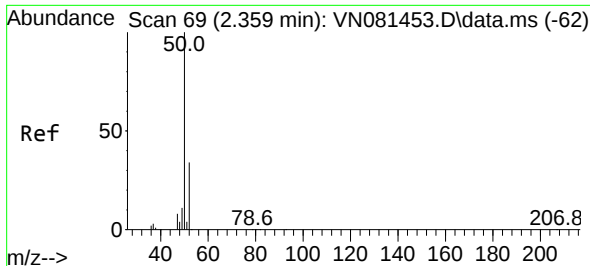
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#2
Dichlorodifluoromethane
Concen: 44.220 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

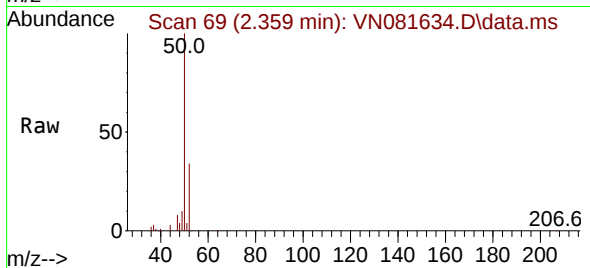
Tgt Ion: 85 Resp: 190546
Ion Ratio Lower Upper
85 100
87 33.7 15.3 45.9





#3
Chloromethane
Concen: 47.533 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

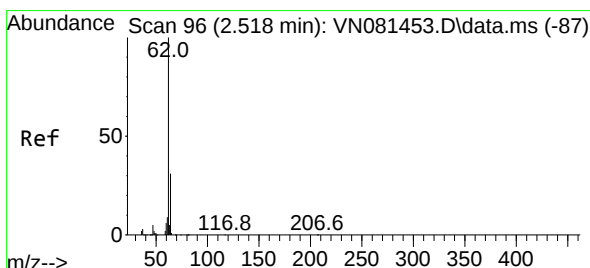
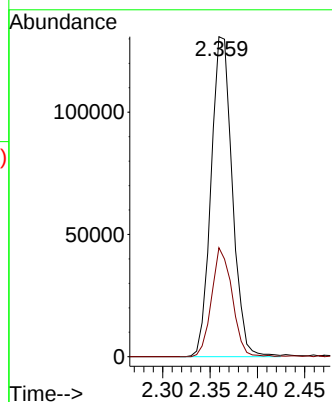
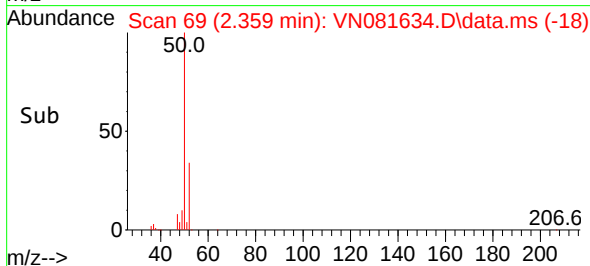
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Tgt Ion: 50 Resp: 203930
Ion Ratio Lower Upper
50 100
52 34.0 25.0 37.4

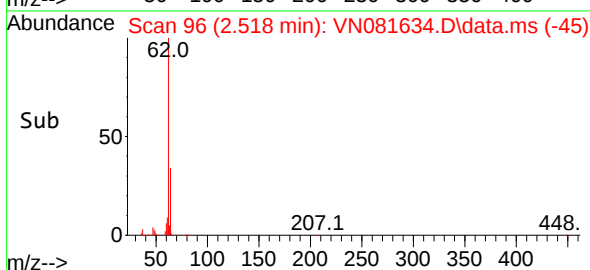
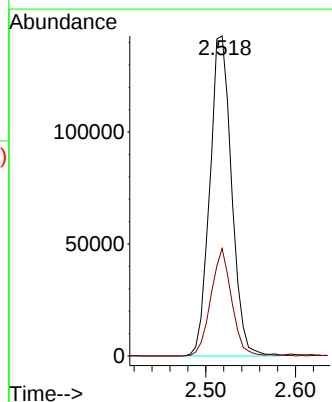
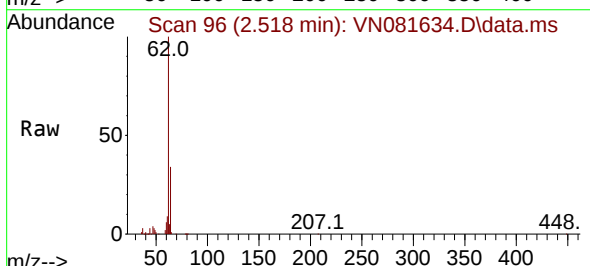
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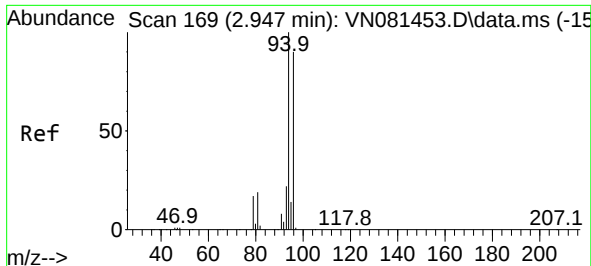
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#4
Vinyl Chloride
Concen: 50.093 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Tgt Ion: 62 Resp: 241188
Ion Ratio Lower Upper
62 100
64 33.6 22.7 34.1





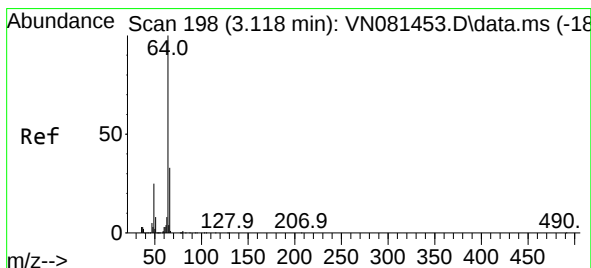
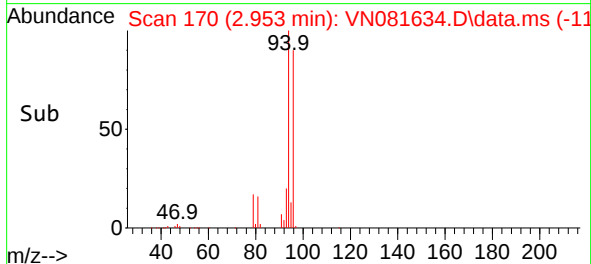
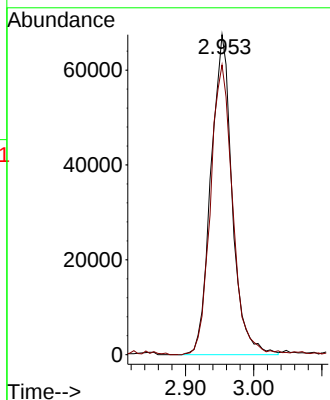
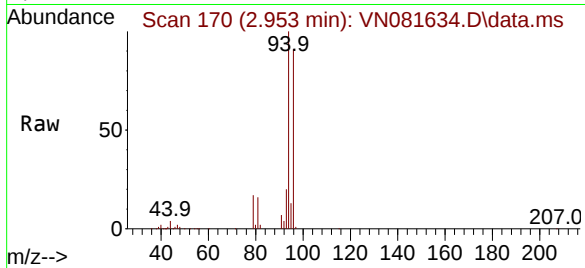
#5
Bromomethane
Concen: 42.948 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Instrument :
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Tgt Ion: 94 Resp: 14624
Ion Ratio Lower Upper
94 100
96 90.6 69.2 103.8

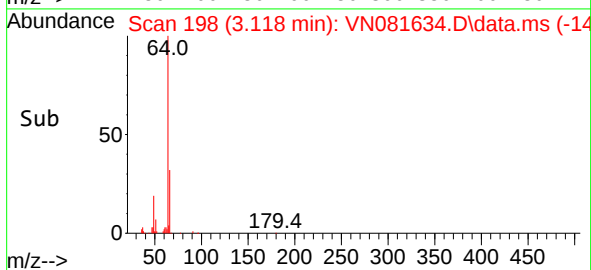
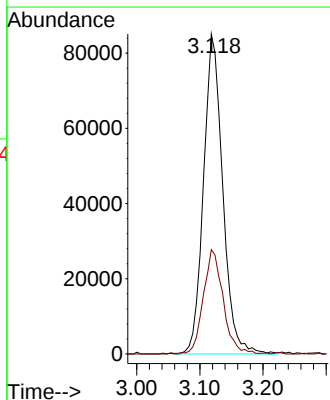
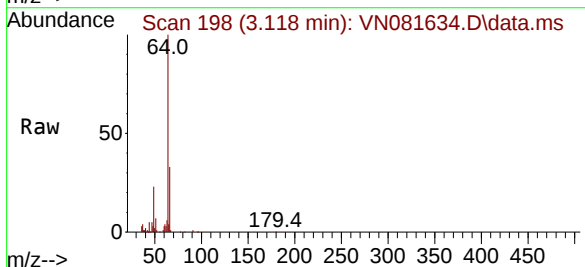
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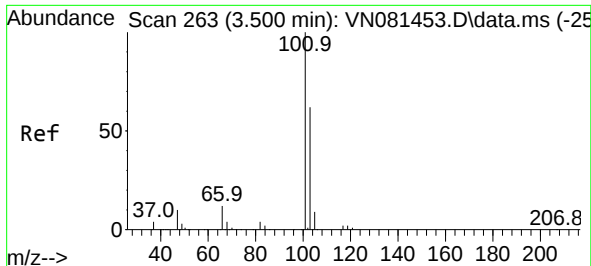
Reviewed By :John Carlone 04/01/2024
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#6
Chloroethane
Concen: 54.452 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081634.D
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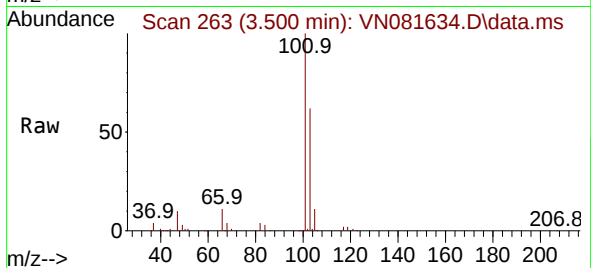
Tgt Ion: 64 Resp: 180010
Ion Ratio Lower Upper
64 100
66 32.4 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 53.719 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN081634.D
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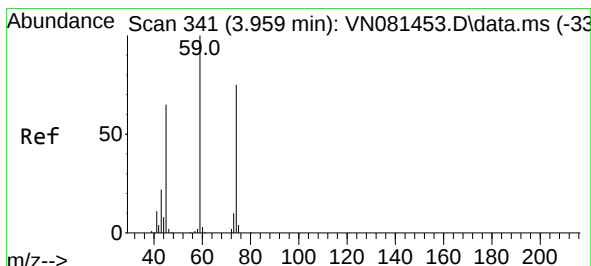
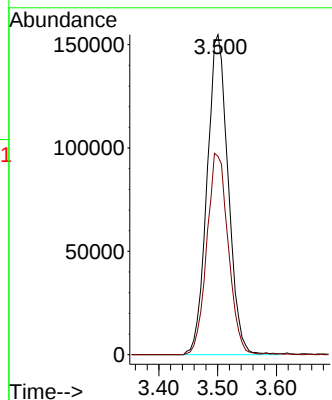
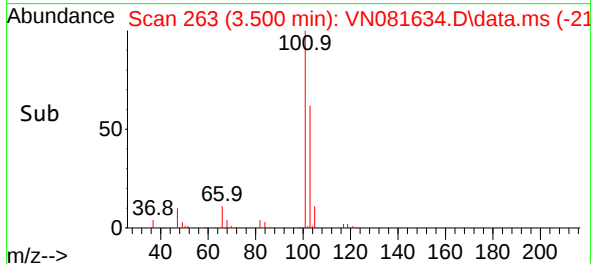
Instrument :
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 VSTDCCC050EC



Tgt Ion:101 Resp: 385478
 Ion Ratio Lower Upper
 101 100
 103 62.0 54.4 81.6

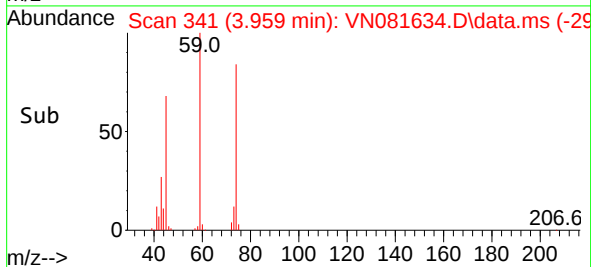
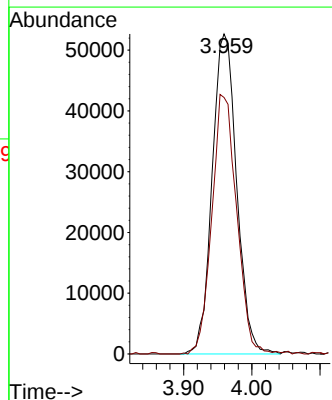
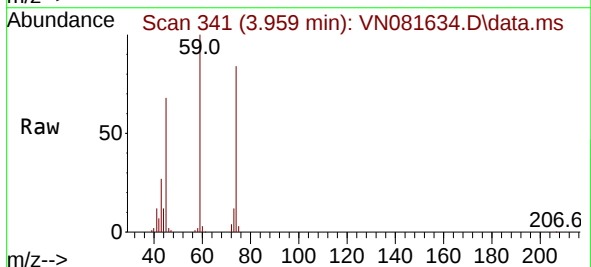
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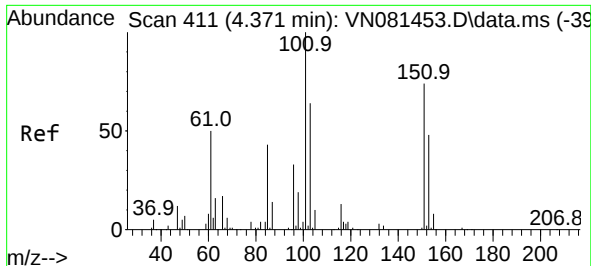
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#8
 Diethyl Ether
 Concen: 55.513 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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 Acq: 29 Mar 2024 22:40

Tgt Ion: 74 Resp: 131833
 Ion Ratio Lower Upper
 74 100
 45 82.3 53.3 159.9





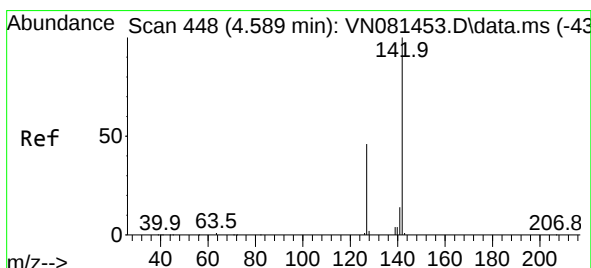
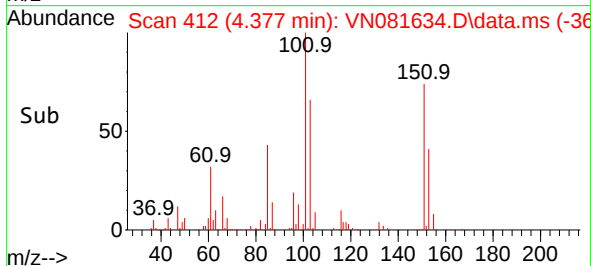
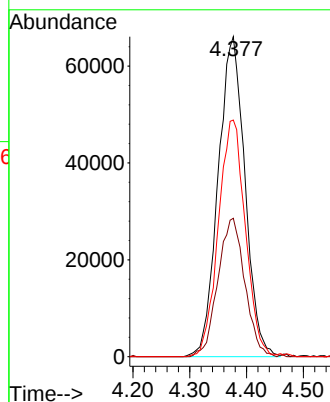
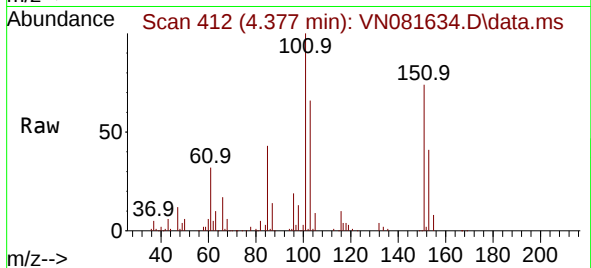
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.092 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 216470
Ion Ratio Lower Upper
101 100
85 43.4 38.1 57.1
151 74.4 49.1 73.7

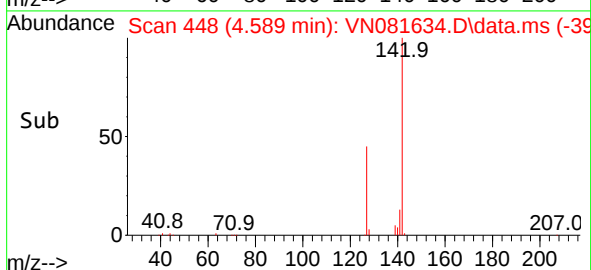
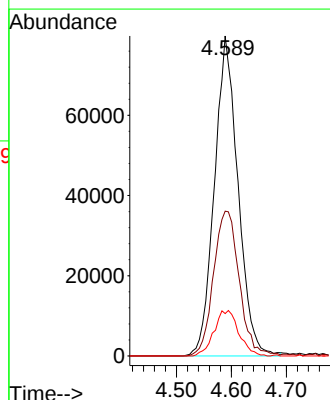
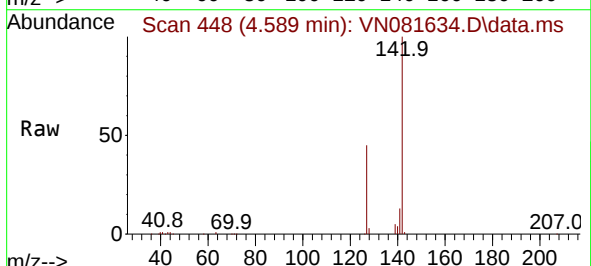
Manual Integrations
APPROVED

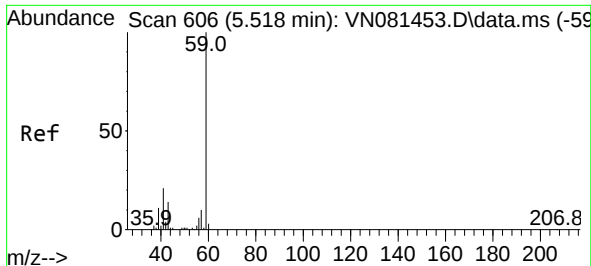
Reviewed By :John Carbone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#10
Methyl Iodide
Concen: 58.532 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

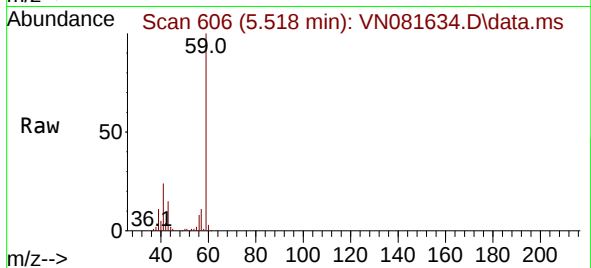
Tgt Ion:142 Resp: 237661
Ion Ratio Lower Upper
142 100
127 45.3 37.0 55.4
141 13.3 12.5 18.7





#11
Tert butyl alcohol
Concen: 303.941 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

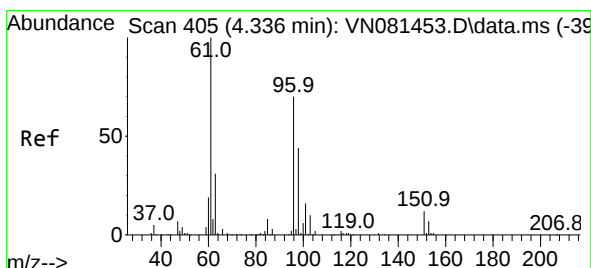
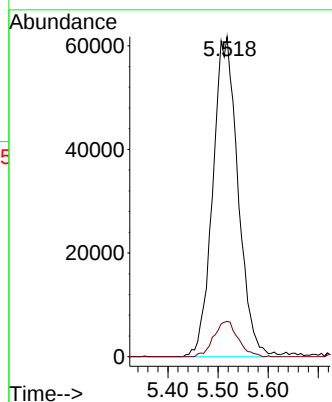
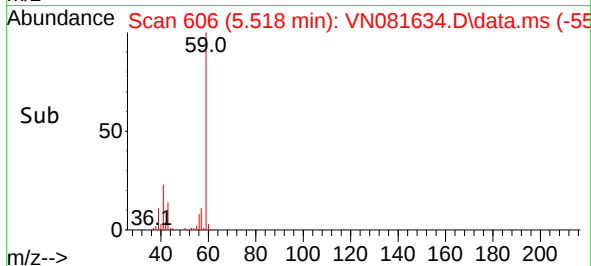
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



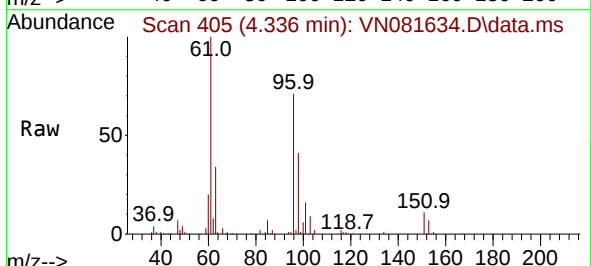
Tgt Ion: 59 Resp: 21616
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

Manual Integrations
APPROVED

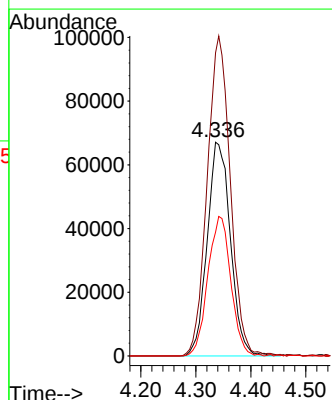
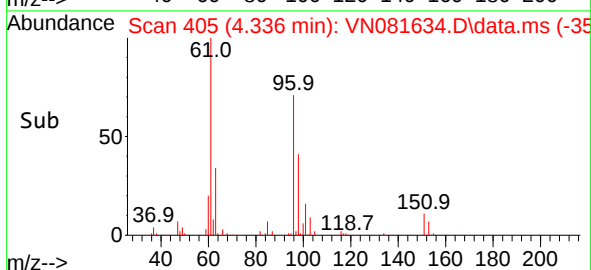
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

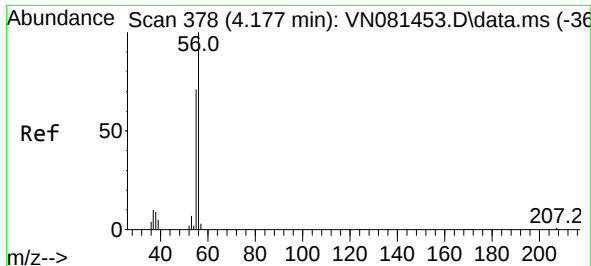


#12
1,1-Dichloroethene
Concen: 52.153 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40



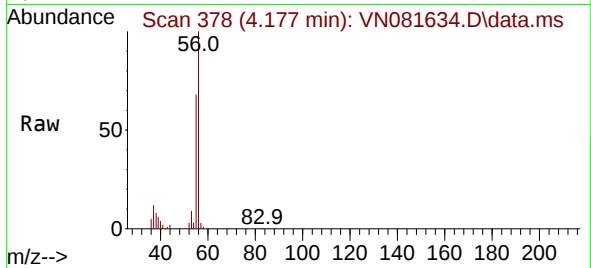
Tgt Ion: 96 Resp: 196968
Ion Ratio Lower Upper
96 100
61 141.8 138.2 207.4
98 58.0 49.2 73.8





#13
Acrolein
Concen: 196.754 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

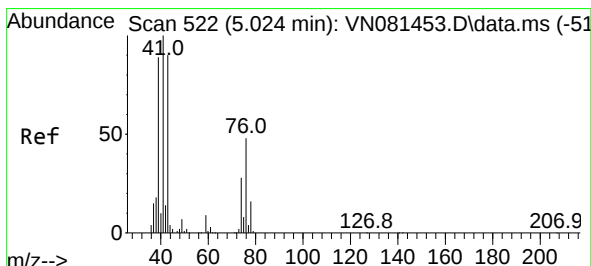
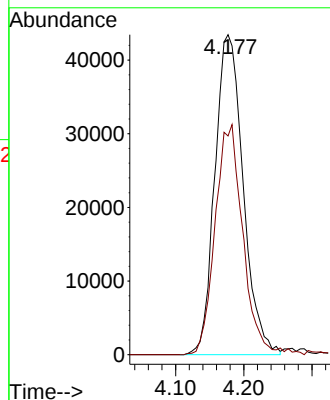
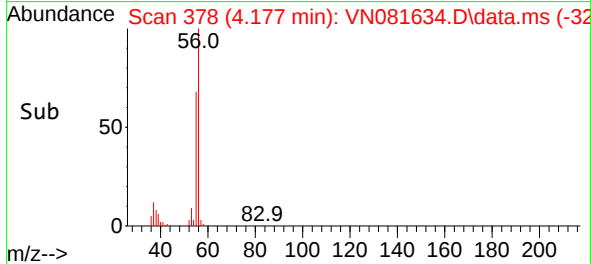
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 125564
Ion Ratio Lower Upper
56 100
55 69.8 55.3 82.9

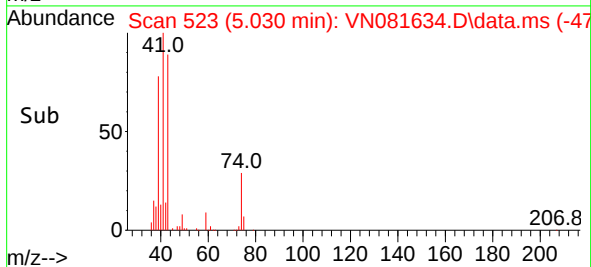
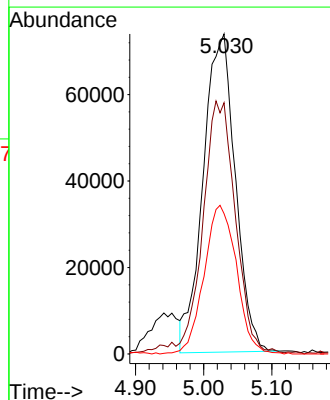
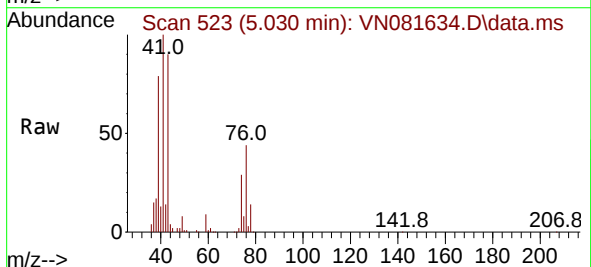
Manual Integrations
APPROVED

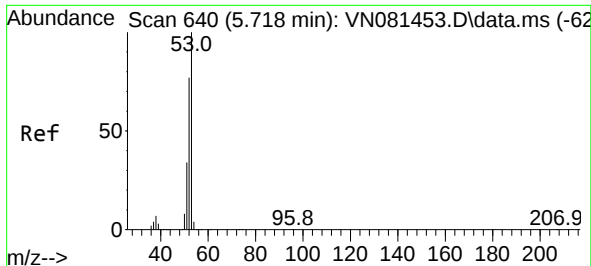
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#14
Allyl chloride
Concen: 51.008 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

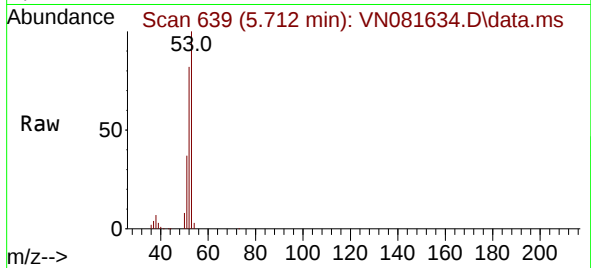
Tgt Ion: 41 Resp: 241394
Ion Ratio Lower Upper
41 100
39 82.2 57.7 86.5
76 47.3 26.8 40.2#





#15
Acrylonitrile
Concen: 268.411 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

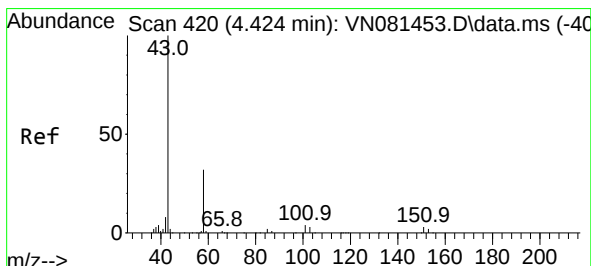
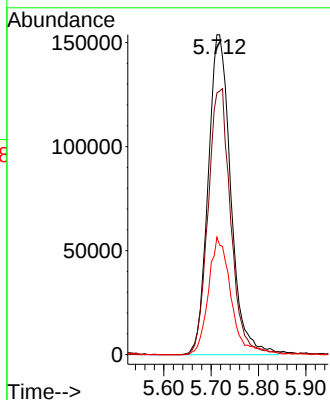
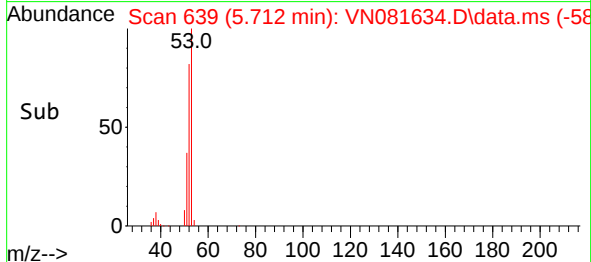
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 510690
Ion Ratio Lower Upper
53 100
52 83.3 64.8 97.2
51 36.8 26.9 40.3

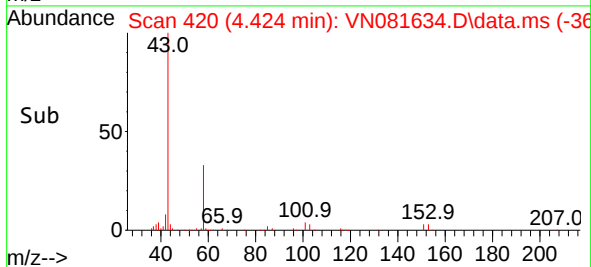
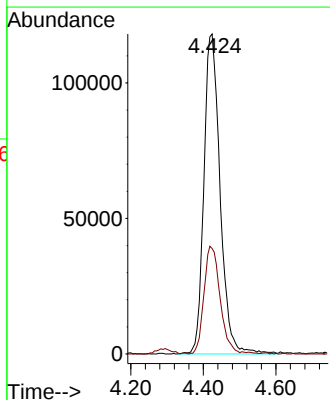
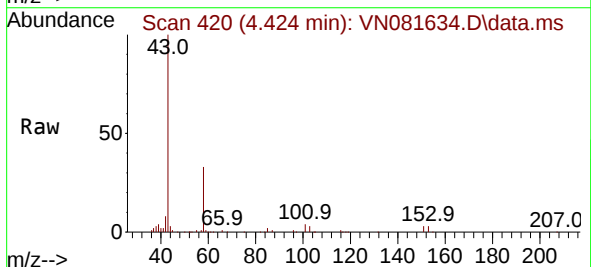
Manual Integrations
APPROVED

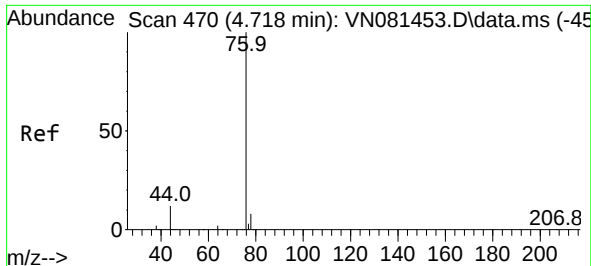
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#16
Acetone
Concen: 277.836 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

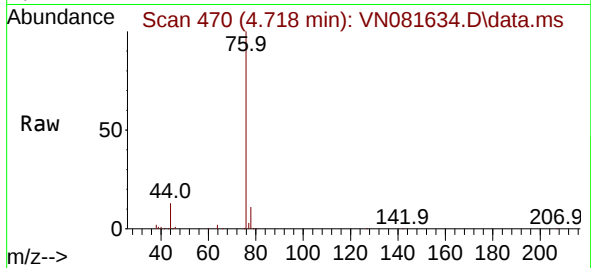
Tgt Ion: 43 Resp: 366439
Ion Ratio Lower Upper
43 100
58 33.0 24.8 37.2





#17
Carbon Disulfide
Concen: 44.145 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

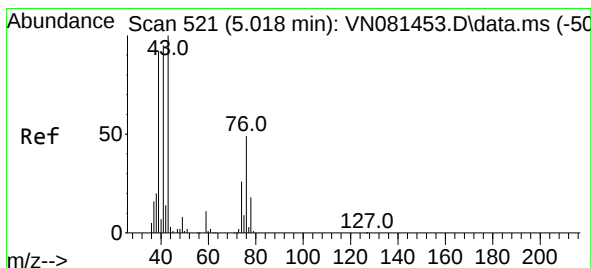
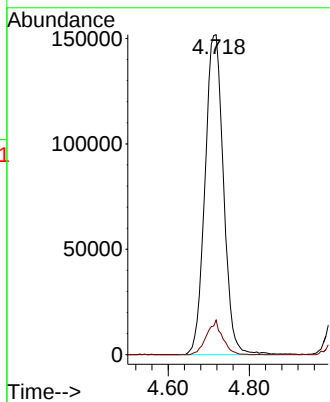
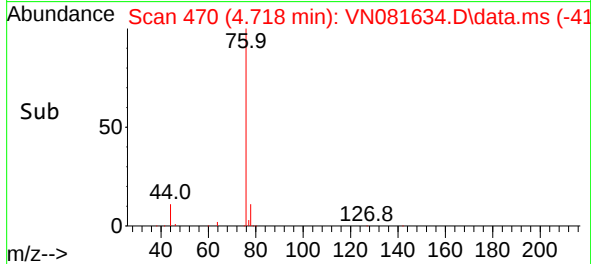
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 47843
Ion Ratio Lower Upper
76 100
78 10.8 6.3 9.5

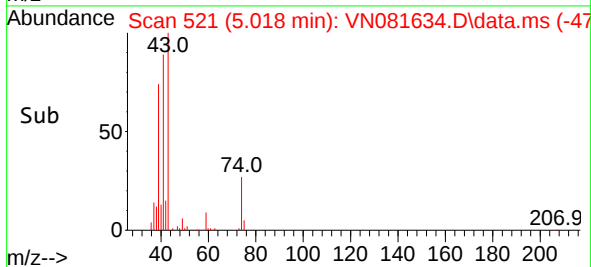
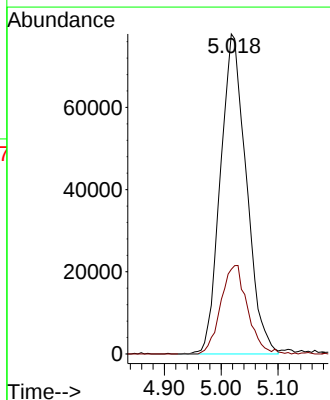
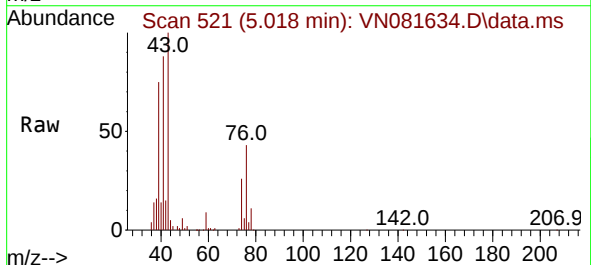
Manual Integrations
APPROVED

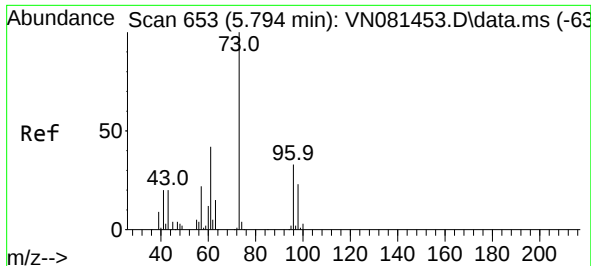
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#18
Methyl Acetate
Concen: 60.792 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Tgt Ion: 43 Resp: 247189
Ion Ratio Lower Upper
43 100
74 28.5 17.3 25.9





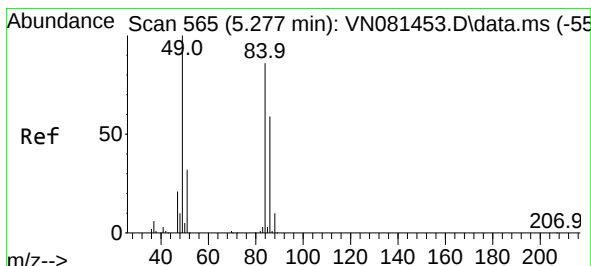
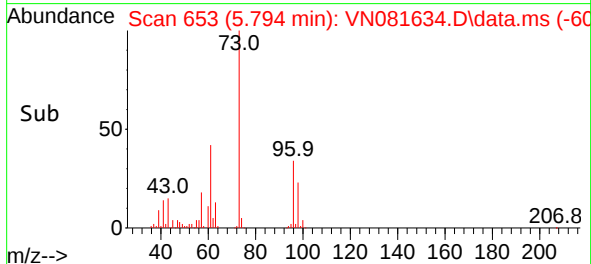
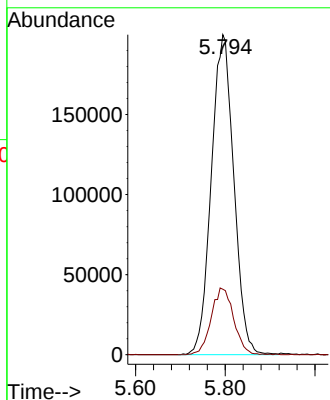
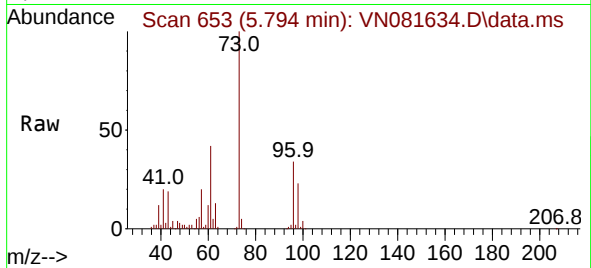
#19
Methyl tert-butyl Ether
Concen: 59.002 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 697378
Ion Ratio Lower Upper
73 100
57 20.4 18.2 27.4

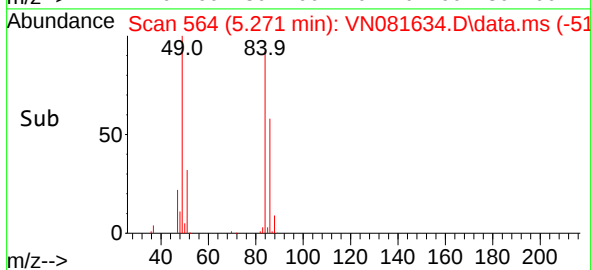
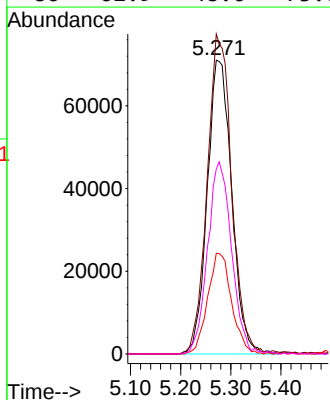
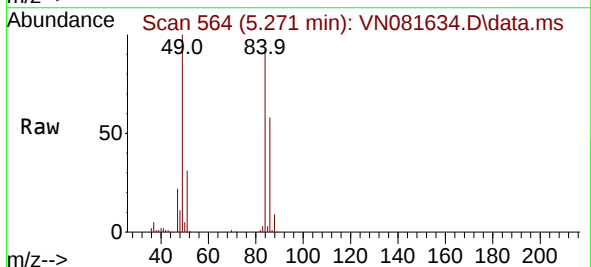
Manual Integrations
APPROVED

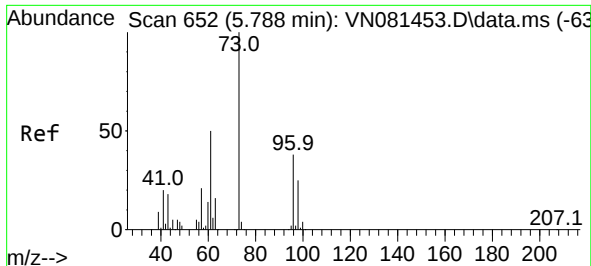
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#20
Methylene Chloride
Concen: 55.950 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

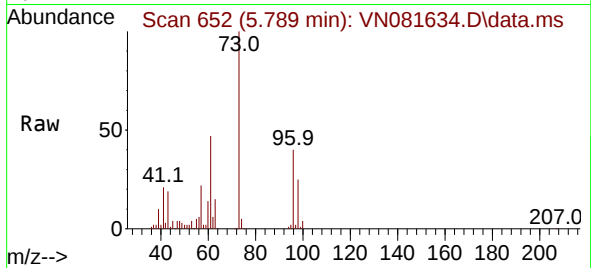
Tgt Ion: 84 Resp: 241723
Ion Ratio Lower Upper
84 100
49 108.9 108.1 162.1
51 34.3 32.9 49.3
86 62.9 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 53.077 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

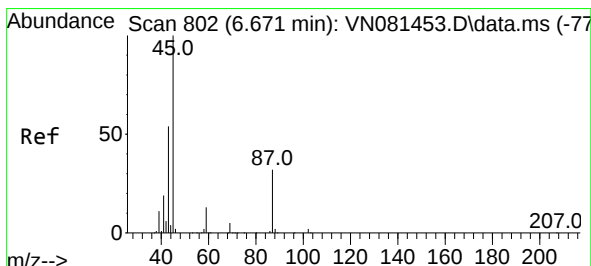
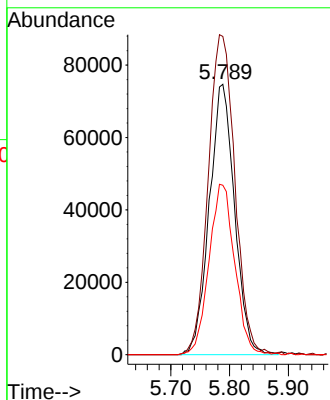
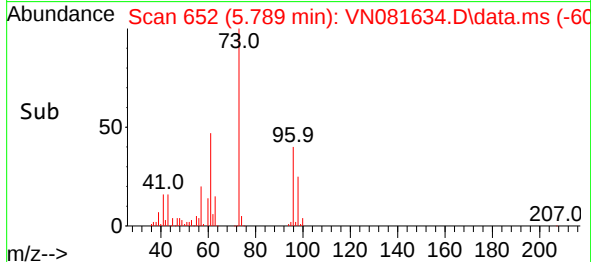
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 22350
Ion Ratio Lower Upper
96 100
61 117.7 112.8 169.2
98 62.6 51.0 76.4

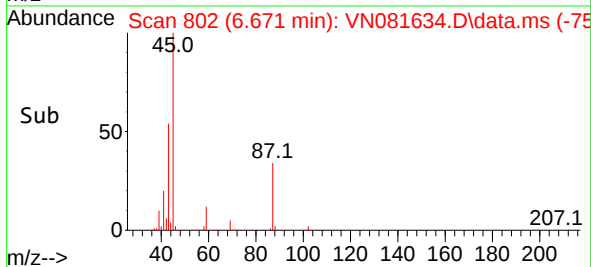
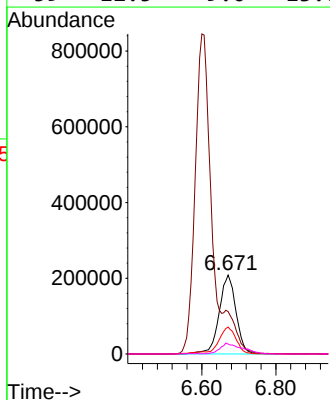
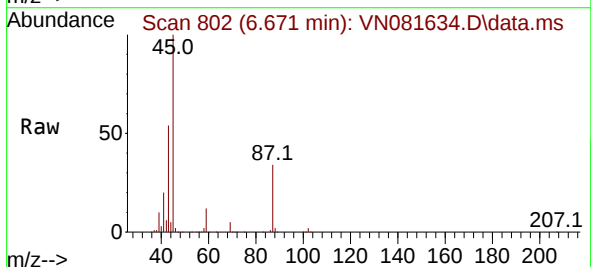
Manual Integrations
APPROVED

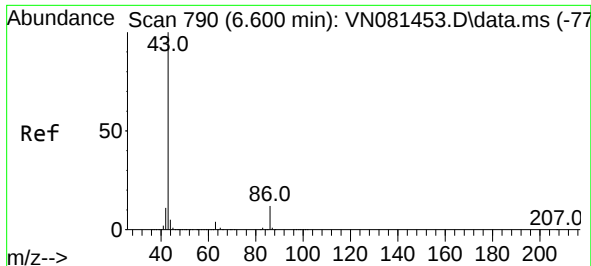
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#22
Diisopropyl ether
Concen: 59.794 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

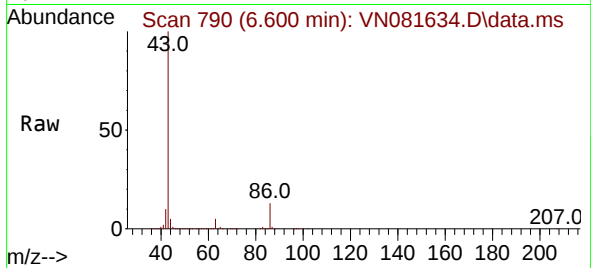
Tgt Ion: 45 Resp: 657501
Ion Ratio Lower Upper
45 100
43 53.4 41.8 62.8
87 33.9 18.1 27.1#
59 12.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 277.149 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081634.D
 Acq: 29 Mar 2024 22:40

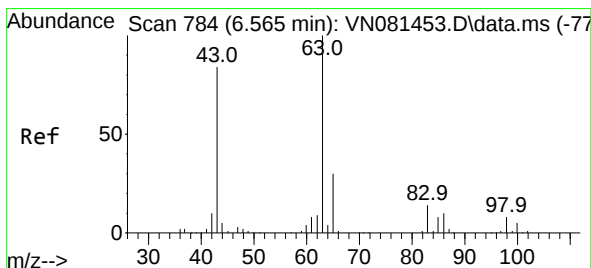
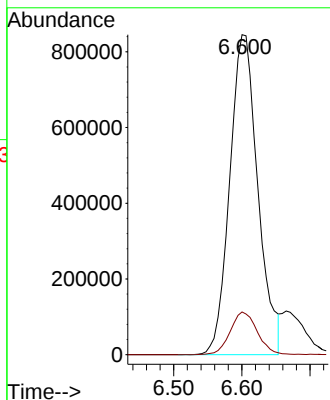
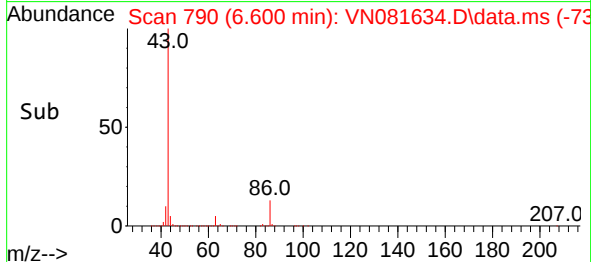
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



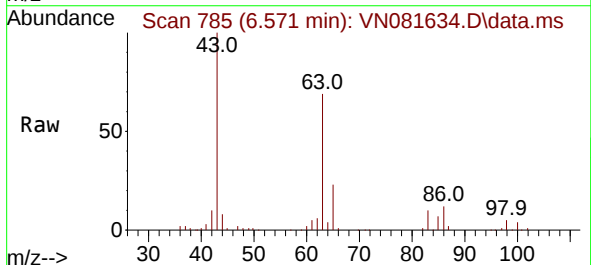
Tgt Ion: 43 Resp: 242577
 Ion Ratio Lower Upper
 43 100
 86 13.4 7.1 10.7

Manual Integrations
 APPROVED

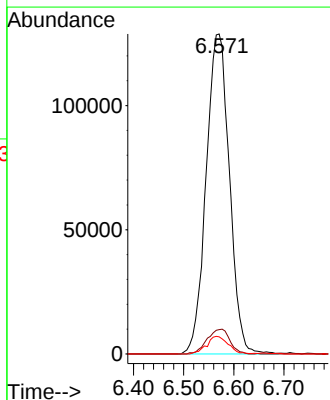
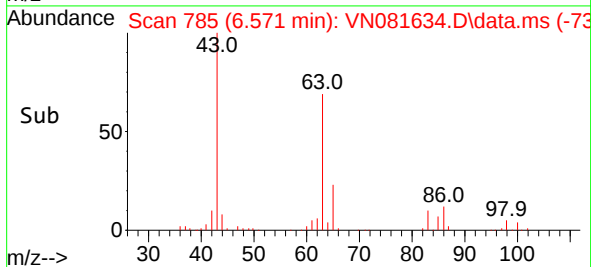
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024

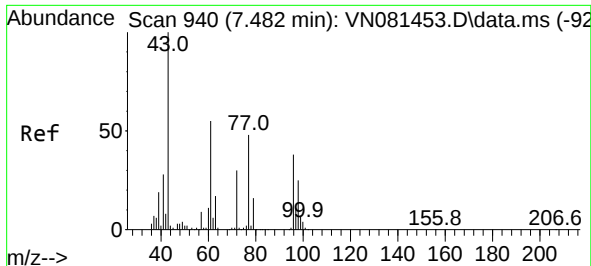


#24
 1,1-Dichloroethane
 Concen: 56.429 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081634.D
 Acq: 29 Mar 2024 22:40



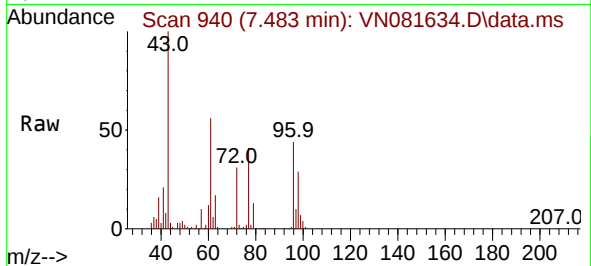
Tgt Ion: 63 Resp: 415592
 Ion Ratio Lower Upper
 63 100
 98 7.6 2.9 8.6
 100 5.4 1.9 5.7





#25
2-Butanone
Concen: 273.171 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

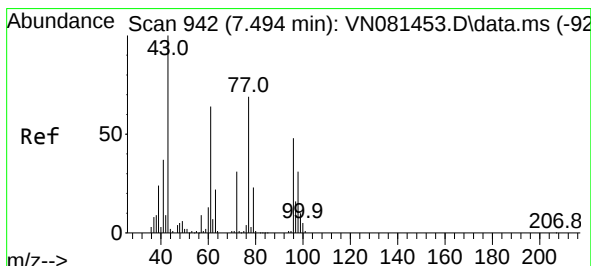
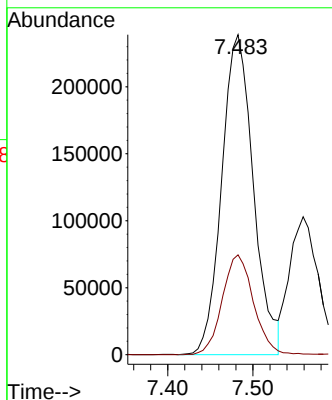
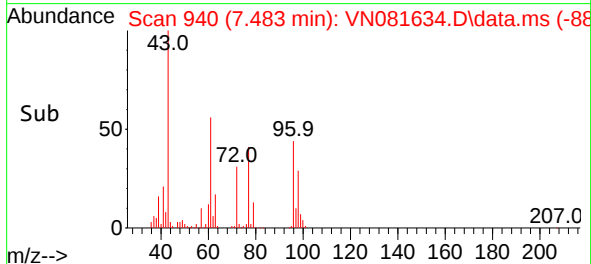
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 61796
Ion Ratio Lower Upper
43 100
72 31.2 19.5 29.3

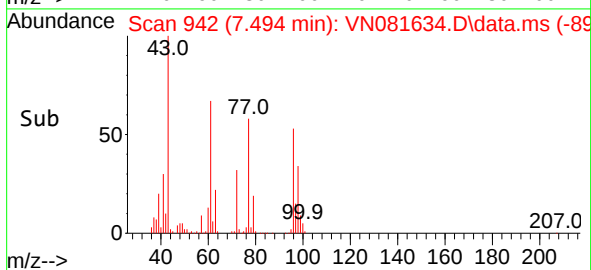
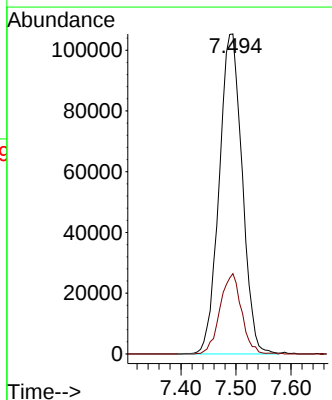
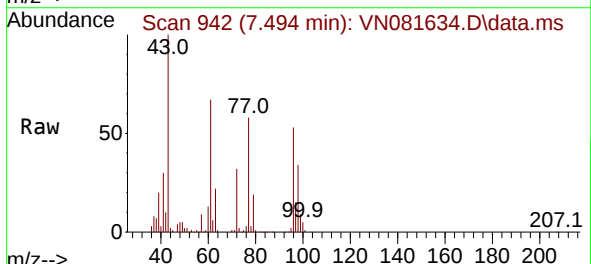
Manual Integrations
APPROVED

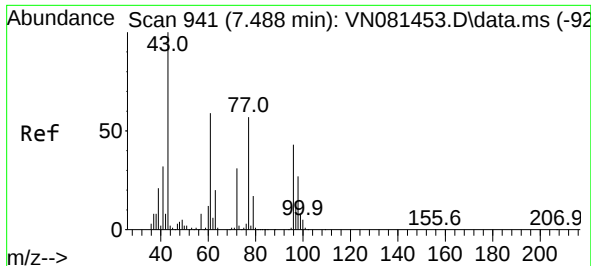
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#26
2,2-Dichloropropane
Concen: 47.955 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

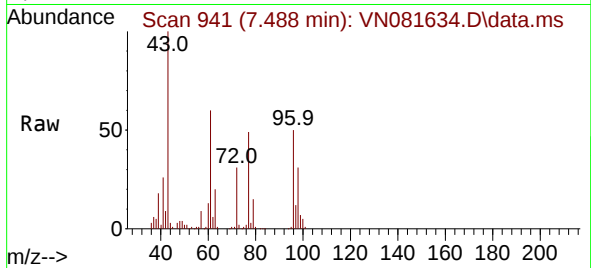
Tgt Ion: 77 Resp: 306329
Ion Ratio Lower Upper
77 100
97 23.4 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 57.935 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081634.D
 Acq: 29 Mar 2024 22:40

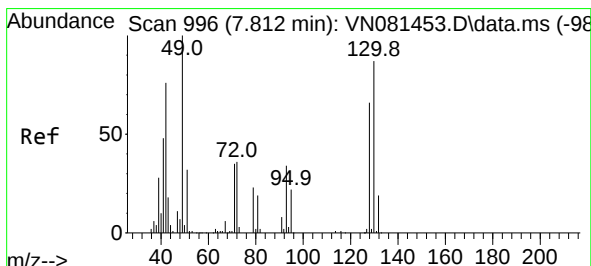
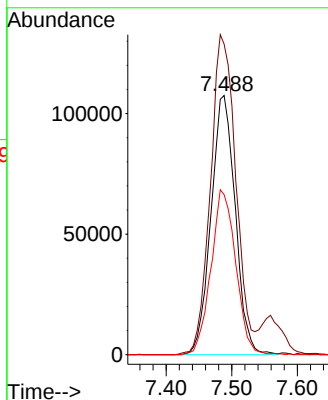
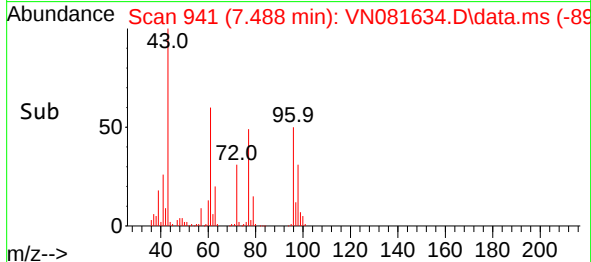
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 27603
 Ion Ratio Lower Upper
 96 100
 61 129.3 0.0 325.4
 98 64.9 0.0 130.4

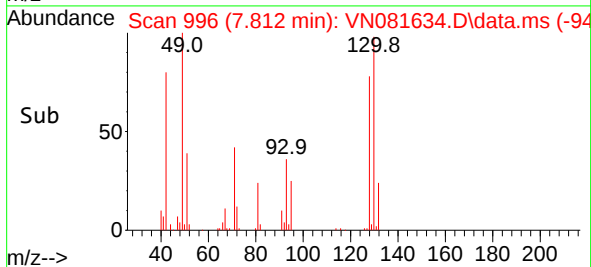
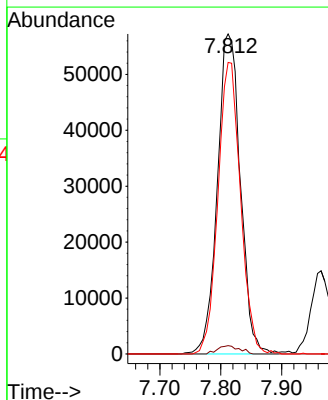
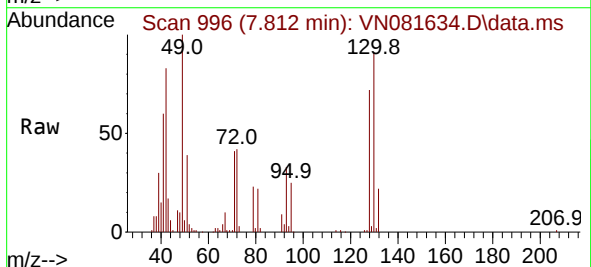
Manual Integrations
 APPROVED

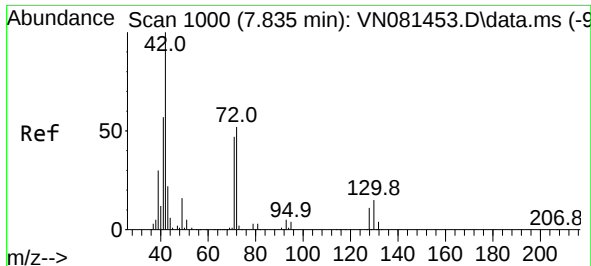
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024



#28
 Bromochloromethane
 Concen: 50.193 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081634.D
 Acq: 29 Mar 2024 22:40

Tgt Ion: 49 Resp: 150568
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 1.6#
 130 88.8 42.3 63.5#





#29

Tetrahydrofuran

Concen: 271.416 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081634.D

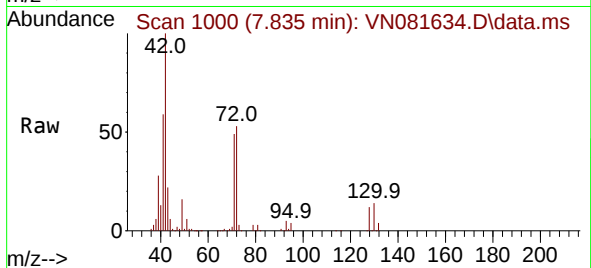
Acq: 29 Mar 2024 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



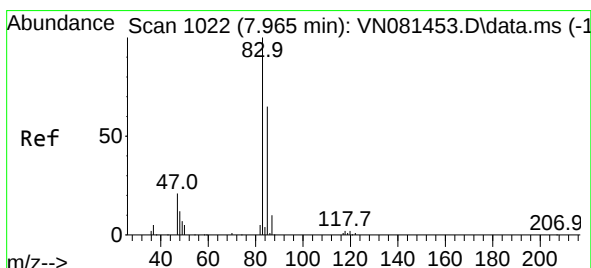
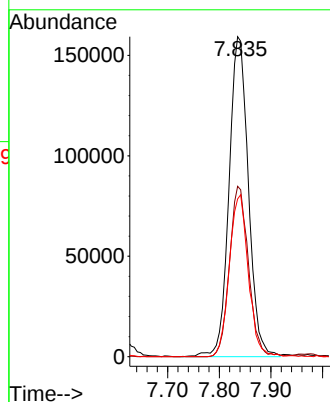
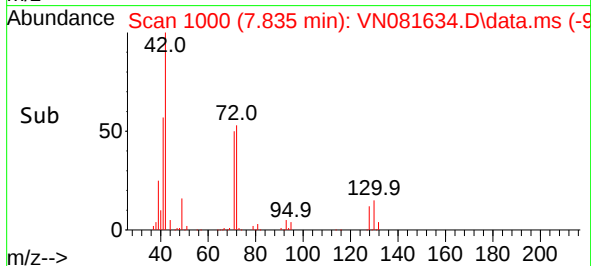
Tgt Ion:	42	Resp:	41362
Ion Ratio	Lower	Upper	
42	100		
72	52.3	31.1	46.7
71	49.8	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#30

Chloroform

Concen: 59.859 ug/l

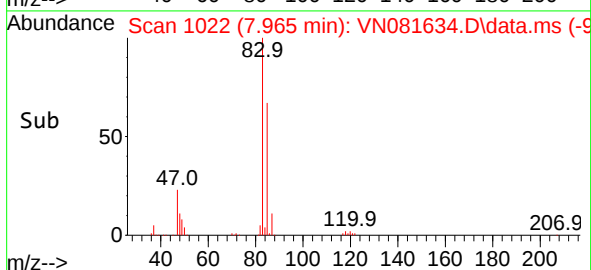
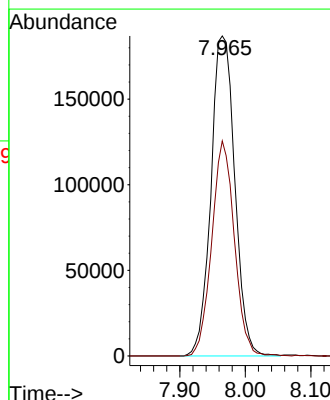
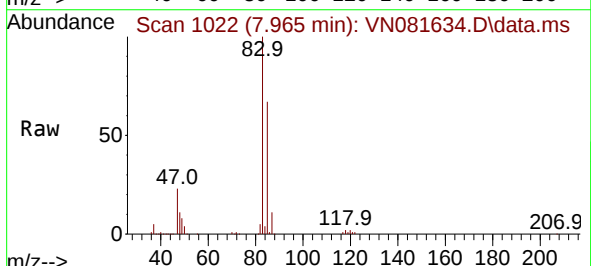
RT: 7.965 min Scan# 1022

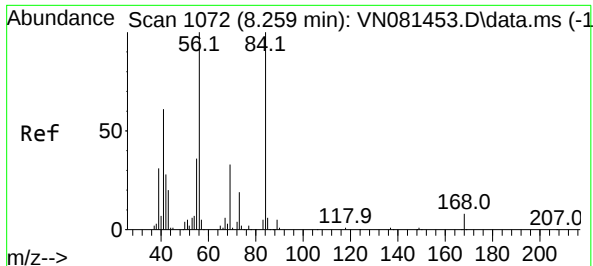
Delta R.T. 0.000 min

Lab File: VN081634.D

Acq: 29 Mar 2024 22:40

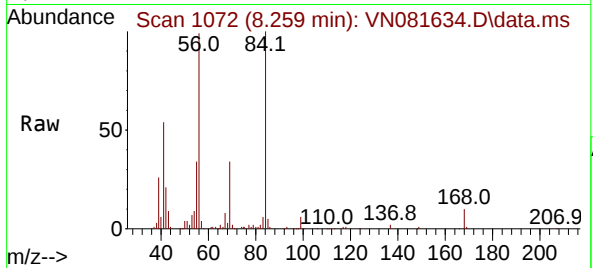
Tgt Ion:	83	Resp:	471947
Ion Ratio	Lower	Upper	
83	100		
85	67.2	51.0	76.6





#31
Cyclohexane
Concen: 48.266 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

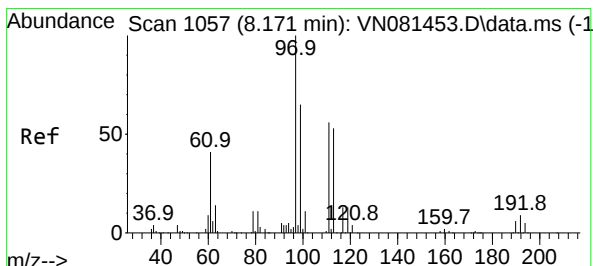
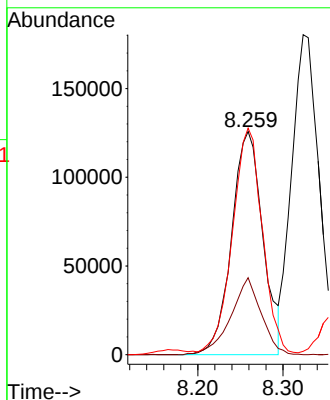
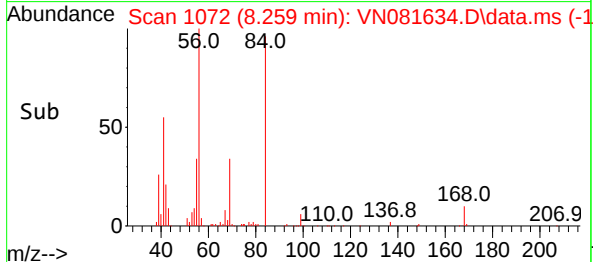
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



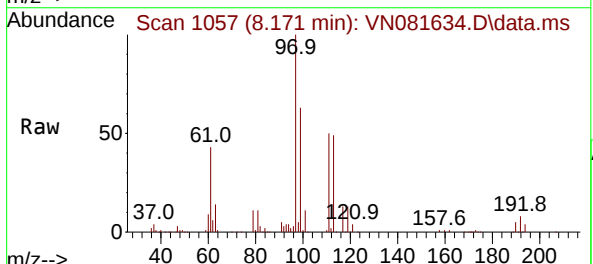
Tgt Ion: 56 Resp: 320534
Ion Ratio Lower Upper
56 100
69 34.5 20.1 30.1
84 99.4 56.9 85.3

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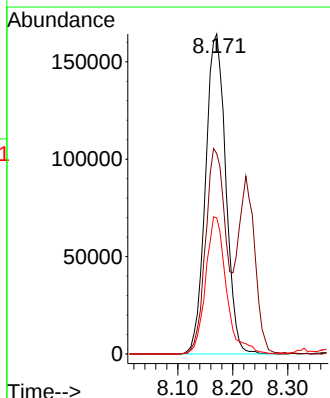
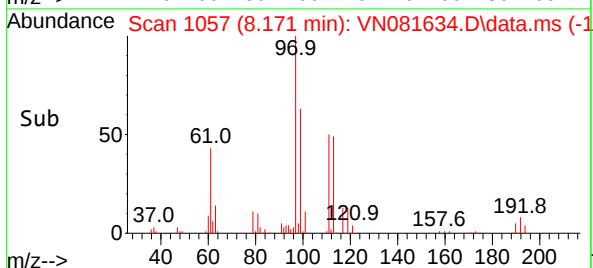
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

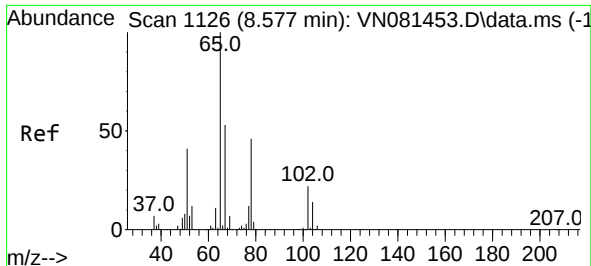


#32
1,1,1-Trichloroethane
Concen: 58.760 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40



Tgt Ion: 97 Resp: 420319
Ion Ratio Lower Upper
97 100
99 65.2 53.4 80.0
61 44.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 53.855 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081634.D

Acq: 29 Mar 2024 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 21978

Ion Ratio Lower Upper

65 100

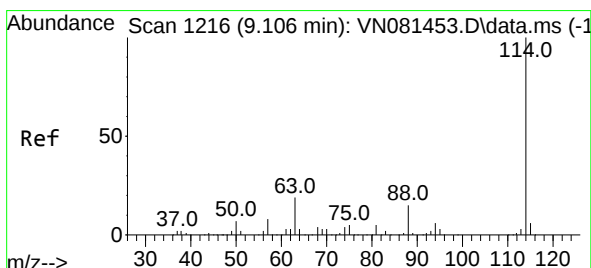
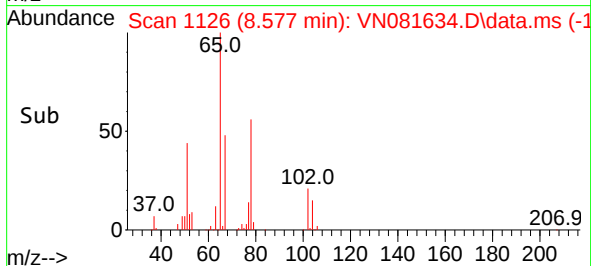
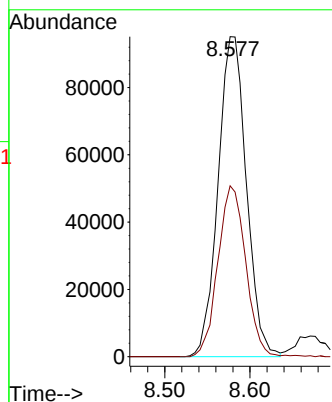
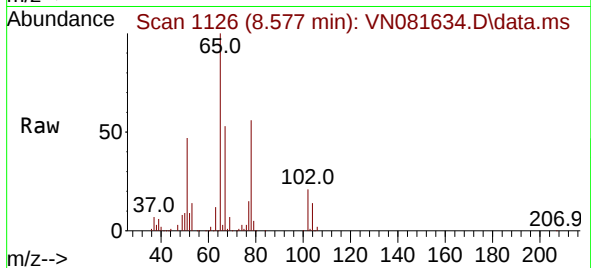
67 52.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081634.D

Acq: 29 Mar 2024 22:40

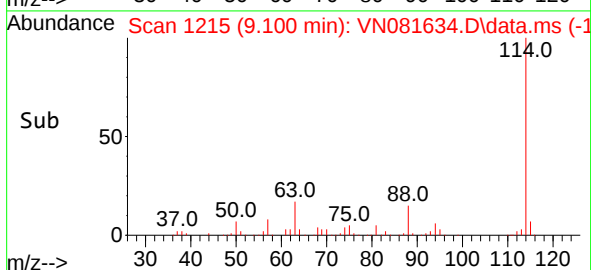
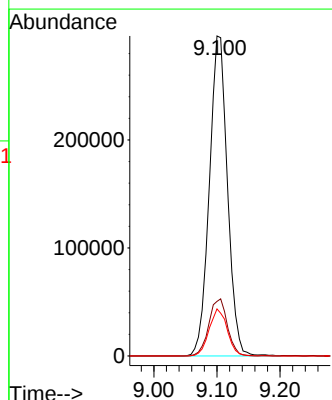
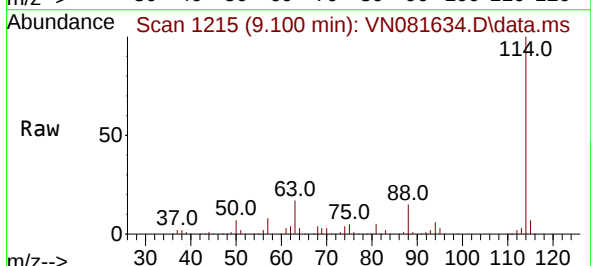
Tgt Ion:114 Resp: 590366

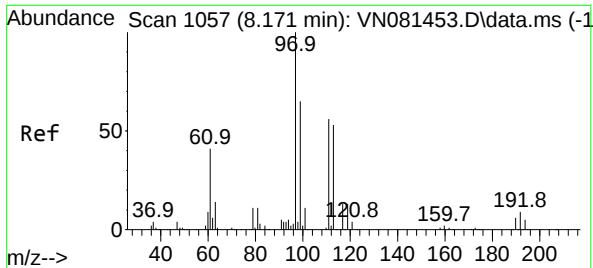
Ion Ratio Lower Upper

114 100

63 17.1 0.0 48.0

88 14.7 0.0 34.8





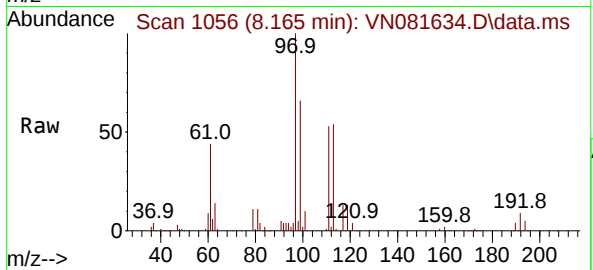
#35
Dibromofluoromethane
Concen: 54.063 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



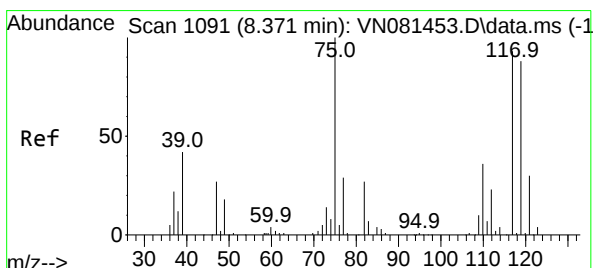
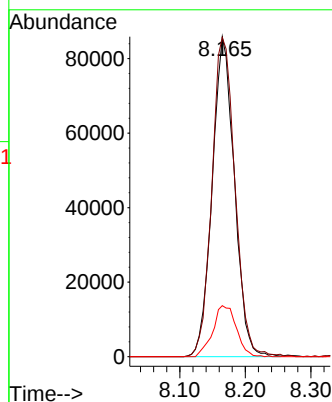
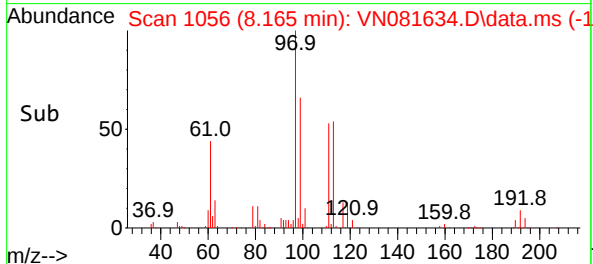
Tgt Ion: 113 Resp: 20142
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 16.9 12.5 18.7

Manual Integrations

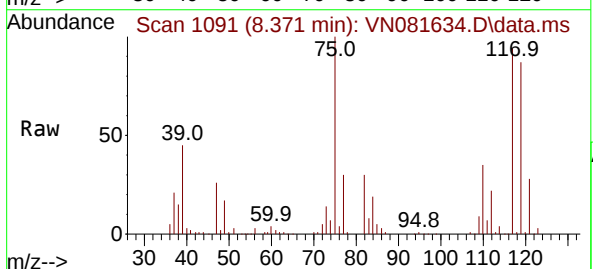
APPROVED

Reviewed By :John Carlone 04/01/2024

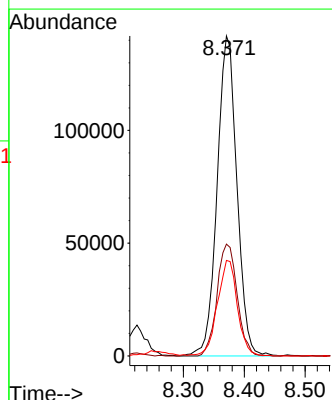
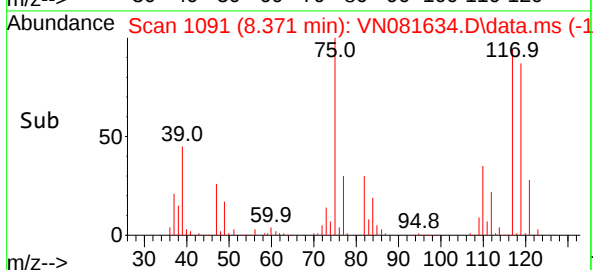
Supervised By :Mahesh Dadoda 04/01/2024

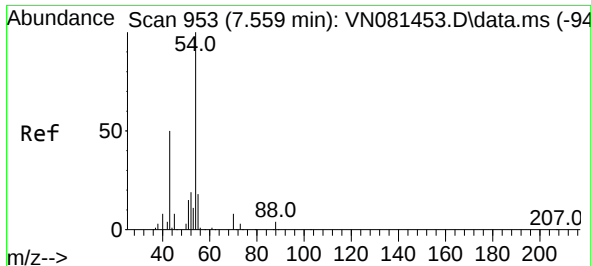


#36
1,1-Dichloropropene
Concen: 51.053 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40



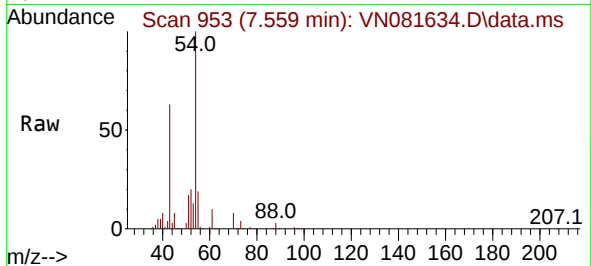
Tgt Ion: 75 Resp: 320104
Ion Ratio Lower Upper
75 100
110 35.7 16.0 48.0
77 30.2 25.8 38.6





#37
Ethyl Acetate
Concen: 46.302 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

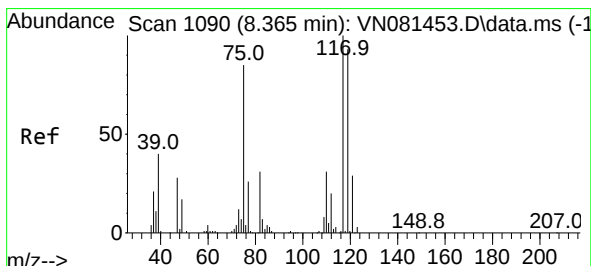
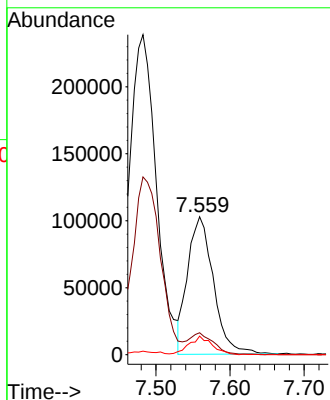
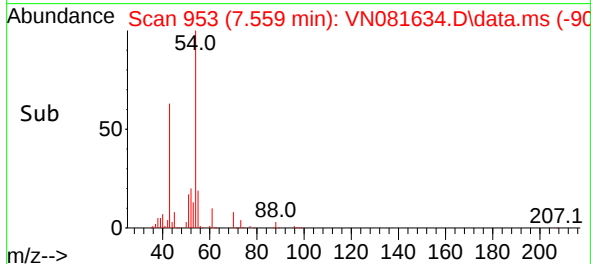
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 248600
Ion Ratio Lower Upper
43 100
61 14.4 10.6 15.8
70 12.0 8.0 12.0

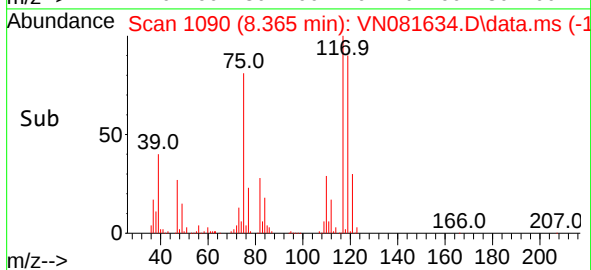
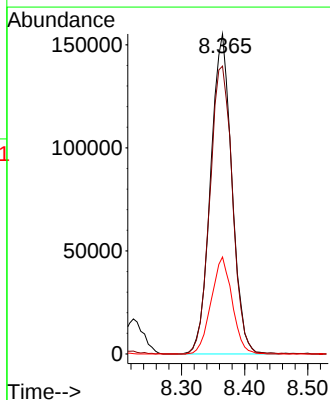
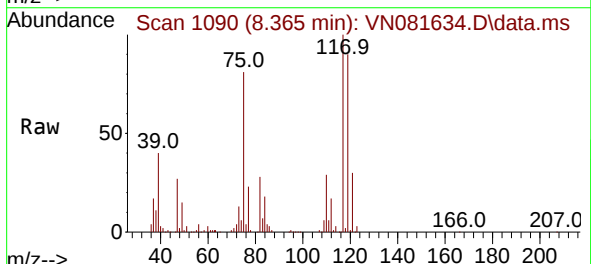
Manual Integrations
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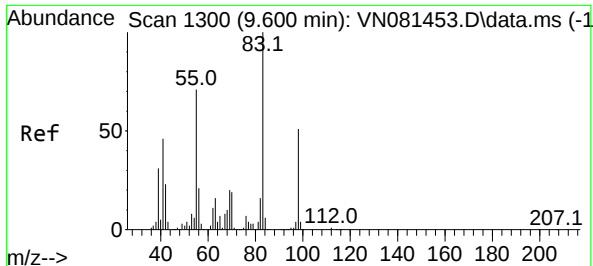
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#38
Carbon Tetrachloride
Concen: 52.809 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Tgt Ion:117 Resp: 362723
Ion Ratio Lower Upper
117 100
119 89.9 73.4 110.2
121 30.3 24.4 36.6





#39

Methylcyclohexane

Concen: 49.252 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081634.D

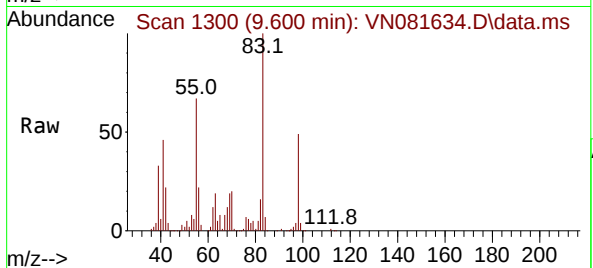
Acq: 29 Mar 2024 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



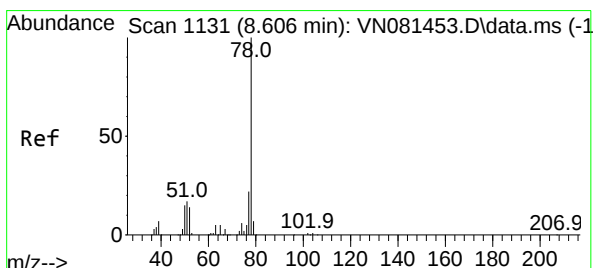
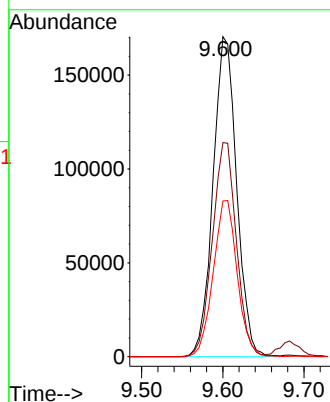
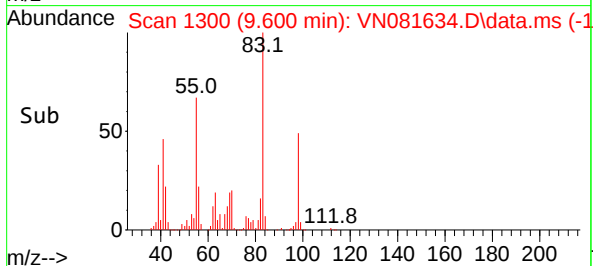
Tgt Ion:	83	Resp:	34486
Ion Ratio	Lower	Upper	
83	100		
55	66.9	65.7	98.5
98	48.7	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#40

Benzene

Concen: 53.028 ug/l

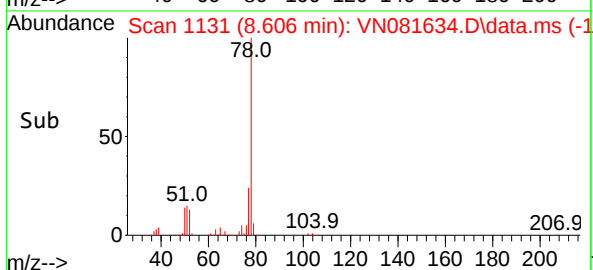
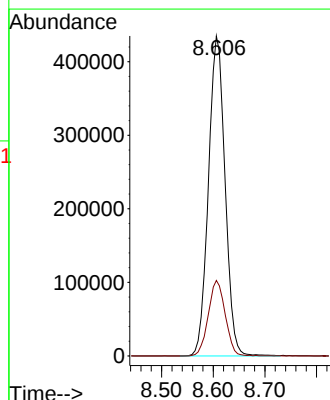
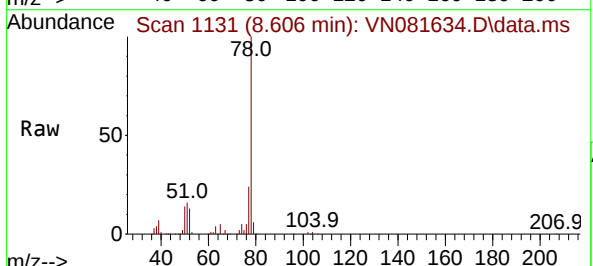
RT: 8.606 min Scan# 1131

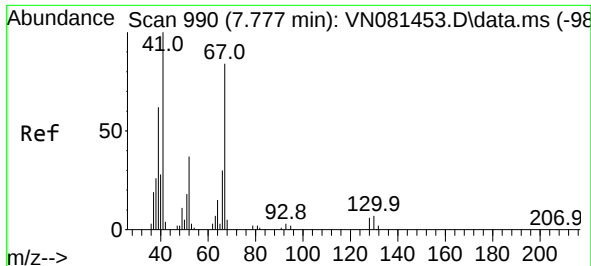
Delta R.T. 0.000 min

Lab File: VN081634.D

Acq: 29 Mar 2024 22:40

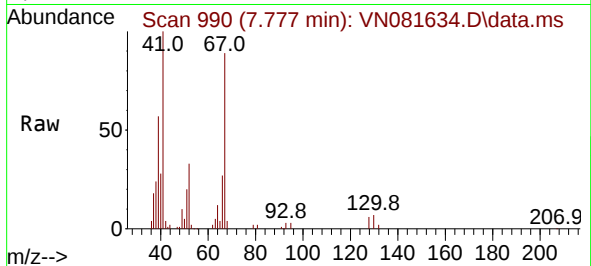
Tgt Ion:	78	Resp:	972067
Ion Ratio	Lower	Upper	
78	100		
77	23.6	20.4	30.6





#41
Methacrylonitrile
Concen: 52.179 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

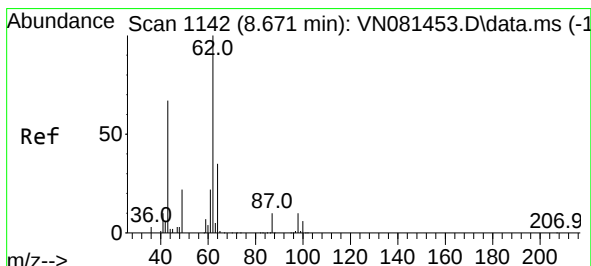
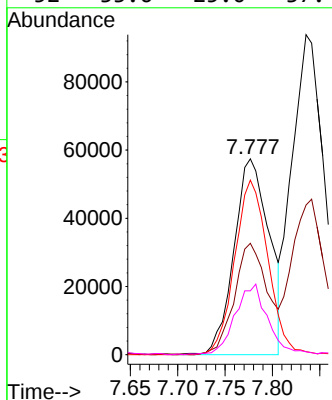
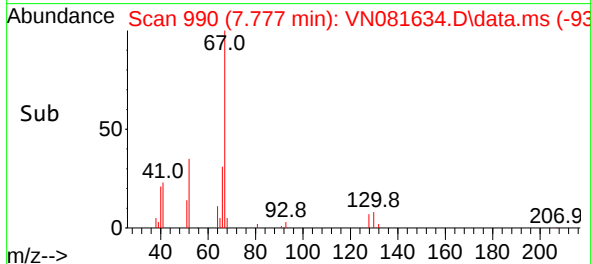
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.0	48.4	72.6
67	84.9	56.8	85.2
52	33.6	25.0	37.4

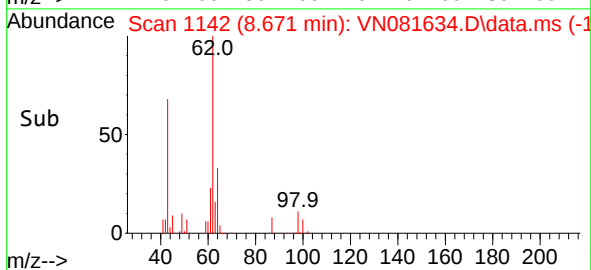
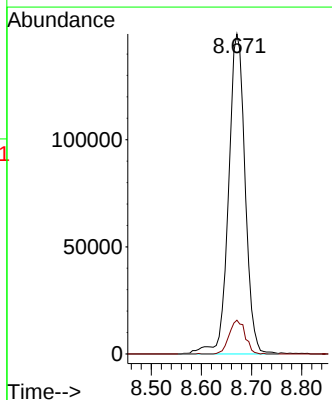
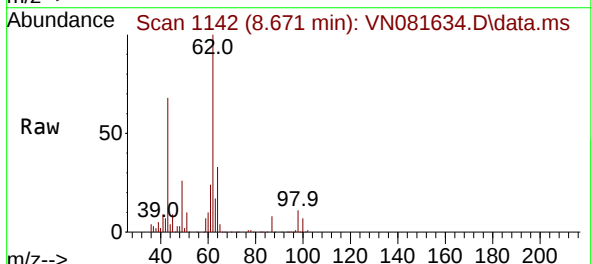
Manual Integrations
APPROVED

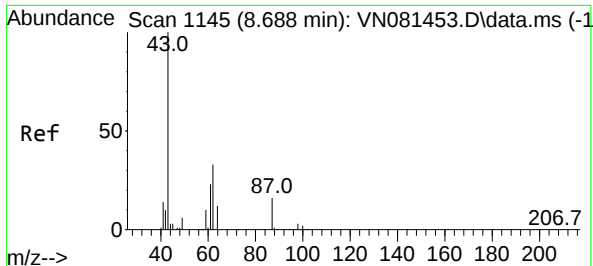
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#42
1,2-Dichloroethane
Concen: 53.197 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.0





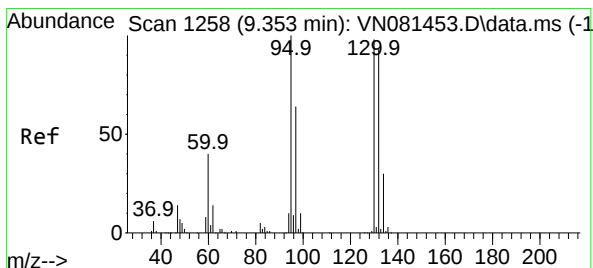
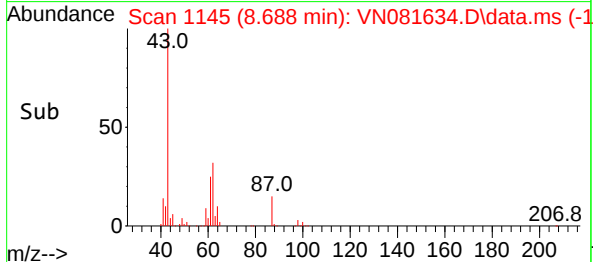
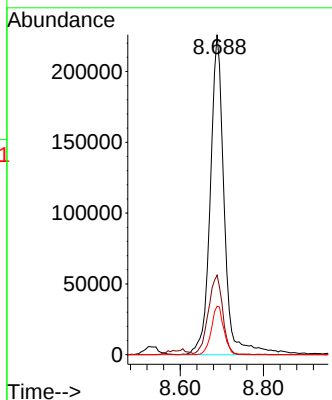
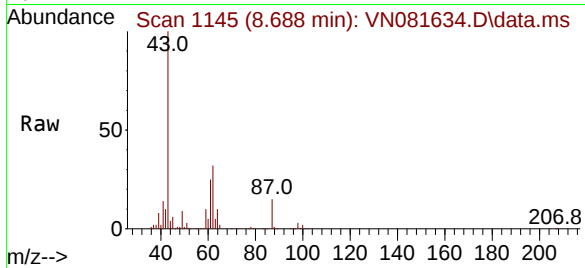
#43
Isopropyl Acetate
Concen: 59.051 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 525539
Ion Ratio Lower Upper
43 100
61 25.1 19.9 29.9
87 13.6 9.0 13.6

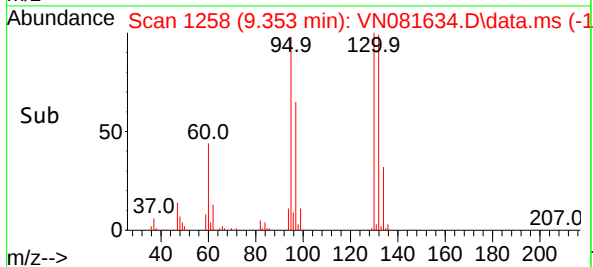
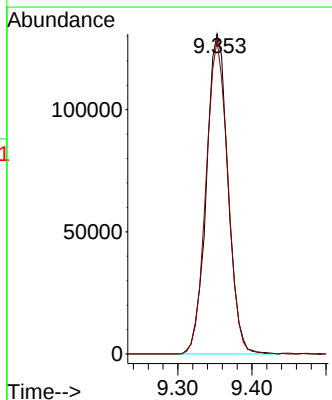
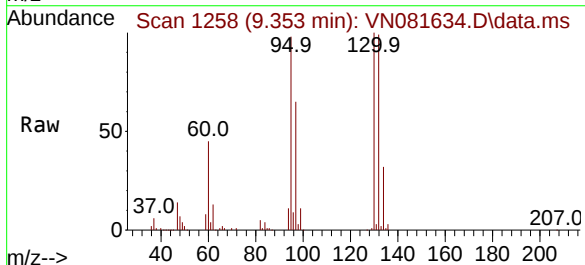
Manual Integrations
APPROVED

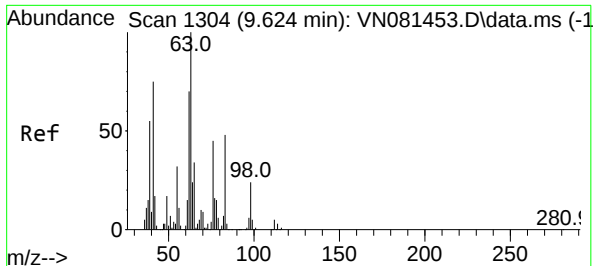
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#44
Trichloroethene
Concen: 51.410 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Tgt Ion:130 Resp: 265050
Ion Ratio Lower Upper
130 100
95 98.1 0.0 210.4





#45

1,2-Dichloropropane

Concen: 55.517 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081634.D

Acq: 29 Mar 2024 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 246639

Ion Ratio Lower Upper

63 100

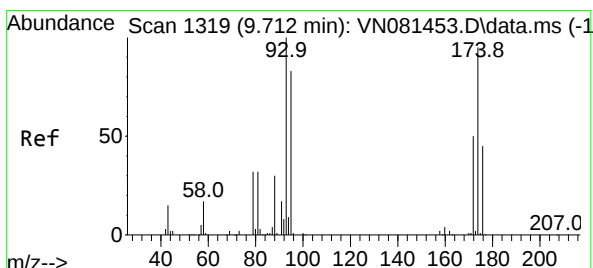
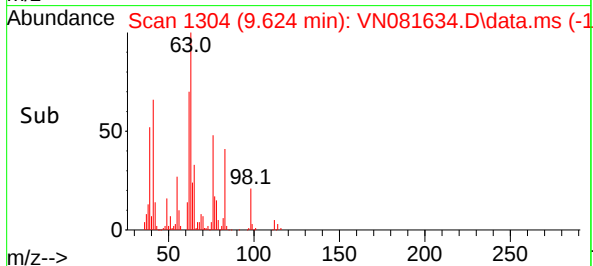
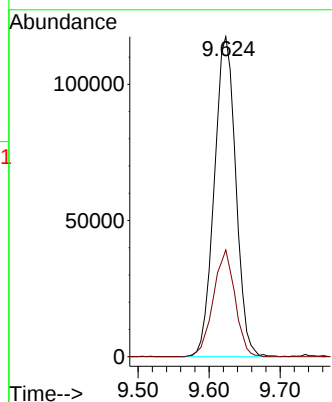
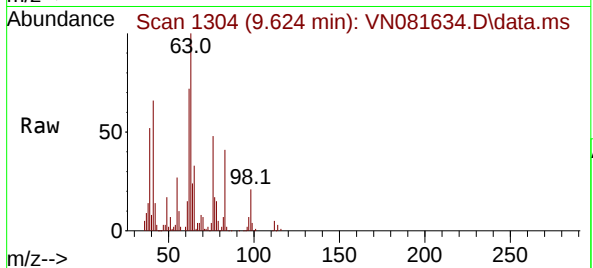
65 33.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#46

Dibromomethane

Concen: 54.522 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081634.D

Acq: 29 Mar 2024 22:40

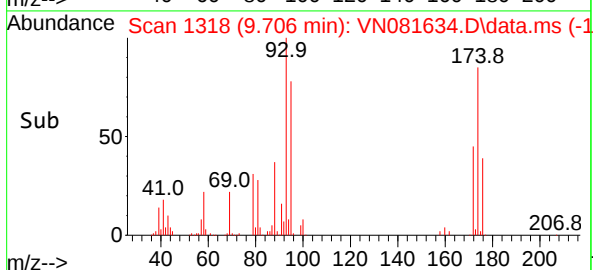
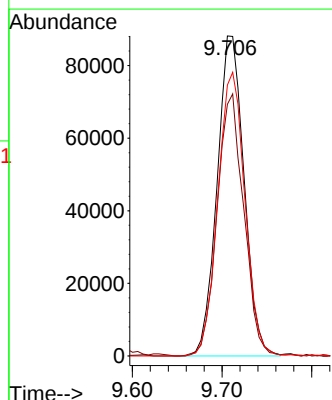
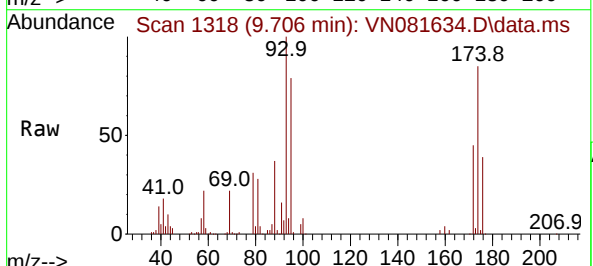
Tgt Ion: 93 Resp: 183948

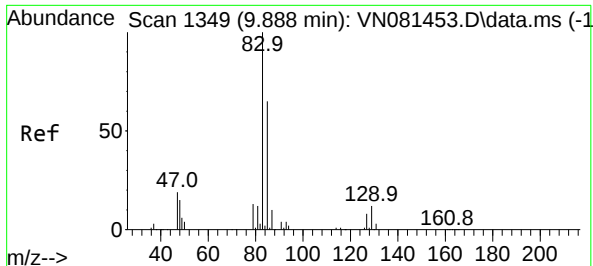
Ion Ratio Lower Upper

93 100

95 81.1 68.1 102.1

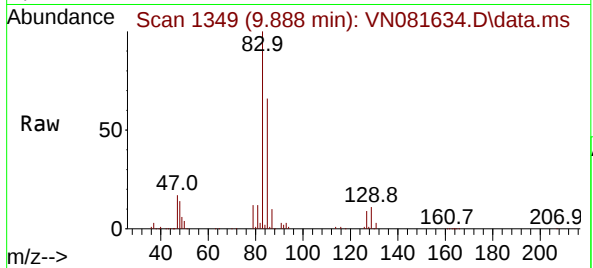
174 89.3 57.2 85.8





#47
Bromodichloromethane
Concen: 56.558 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

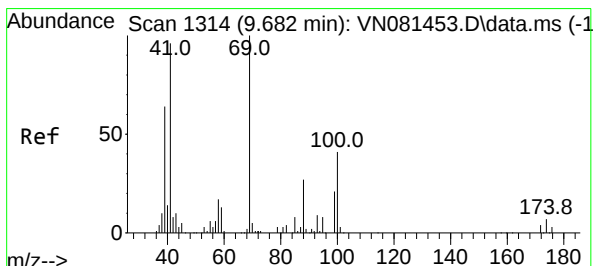
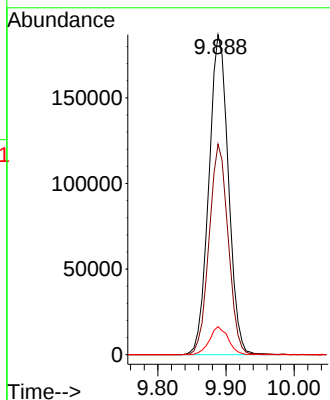
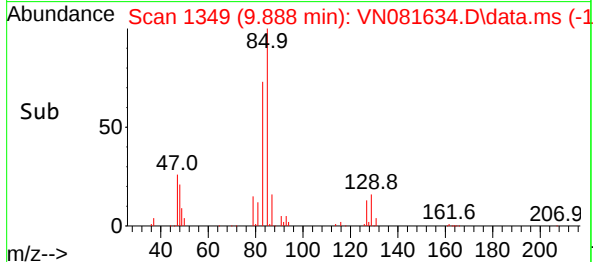
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 373070
Ion Ratio Lower Upper
83 100
85 65.8 52.3 78.5
127 8.7 4.6 7.0

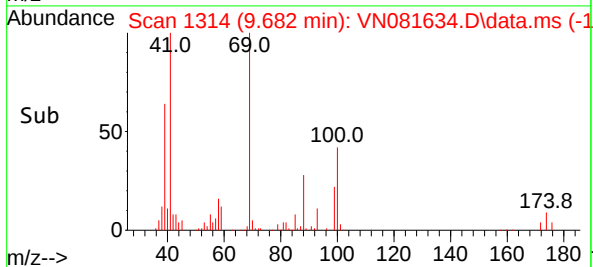
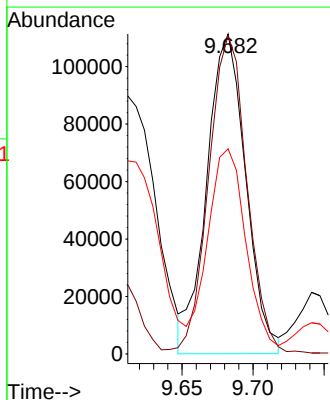
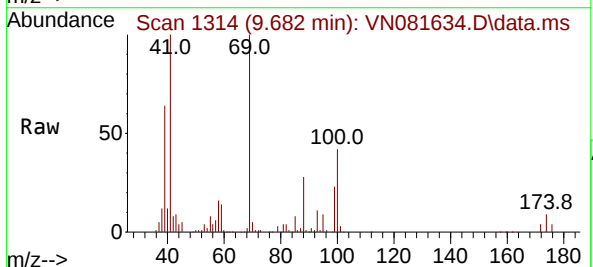
Manual Integrations
APPROVED

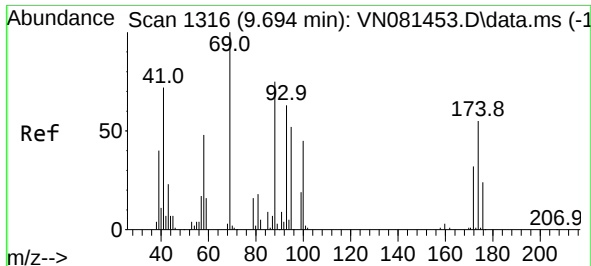
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#48
Methyl methacrylate
Concen: 51.717 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

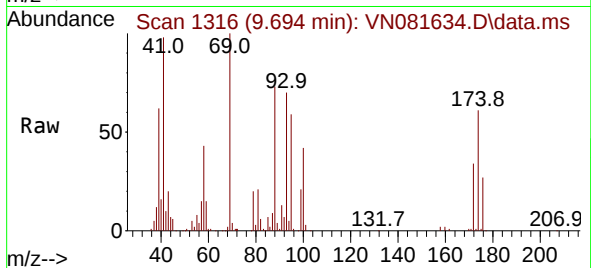
Tgt Ion: 41 Resp: 212297
Ion Ratio Lower Upper
41 100
69 97.3 62.2 93.2
39 63.4 47.6 71.4





#49
1,4-Dioxane
Concen: 1000.664 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

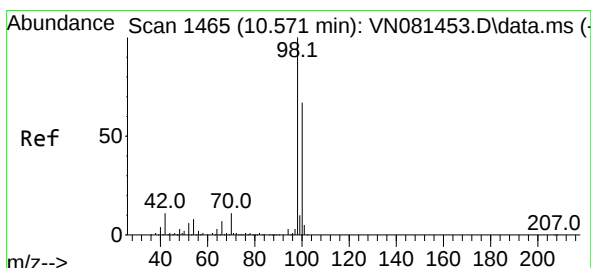
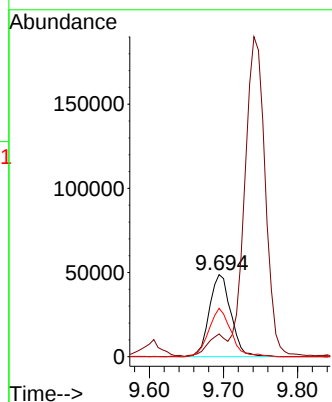
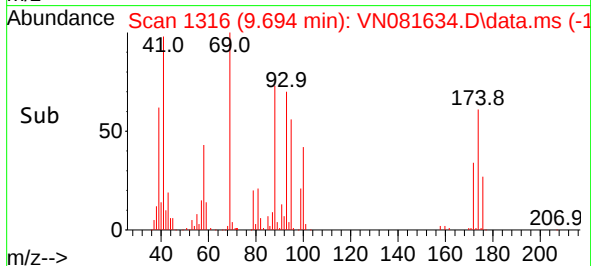
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



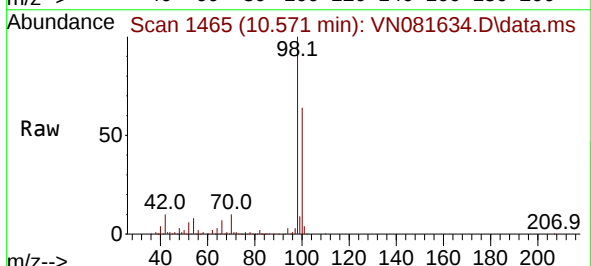
Tgt Ion: 88 Resp: 98714
Ion Ratio Lower Upper
88 100
43 23.6 30.1 45.1
58 60.7 63.9 95.9

Manual Integrations
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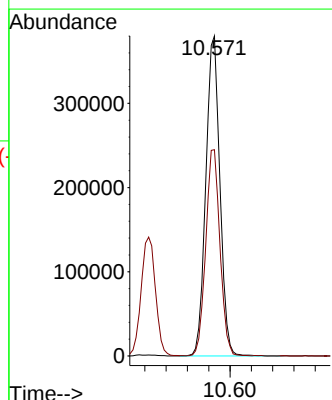
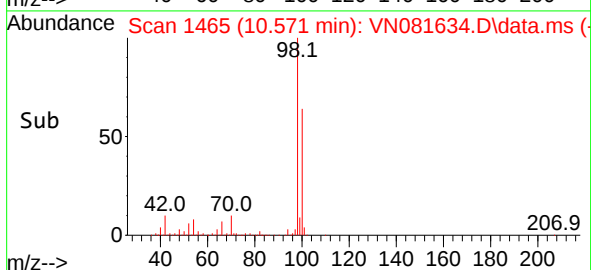
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

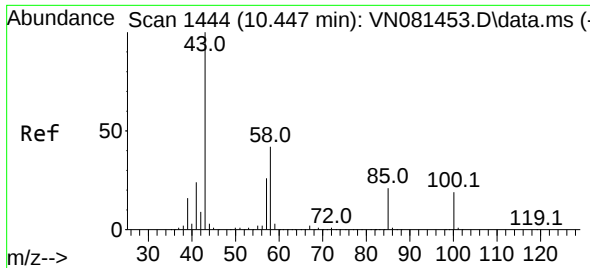


#50
Toluene-d8
Concen: 51.791 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40



Tgt Ion: 98 Resp: 697540
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0





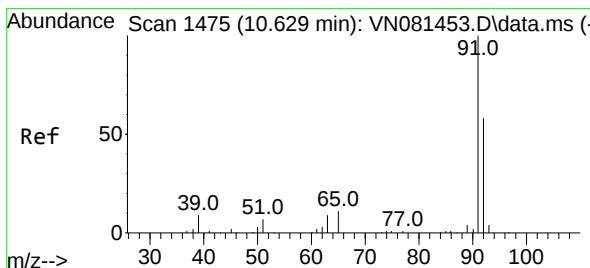
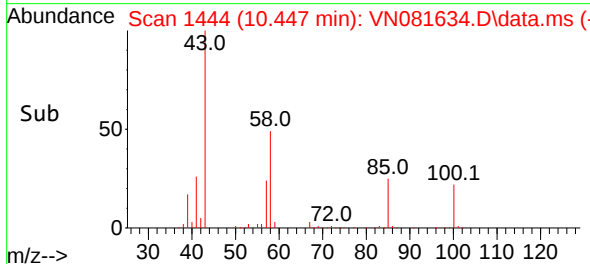
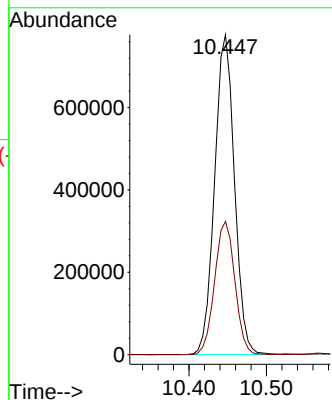
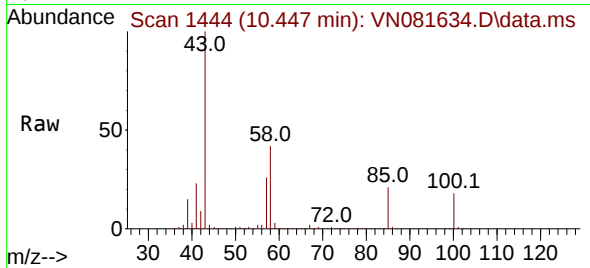
#51
4-Methyl-2-Pentanone
Concen: 254.225 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1380598
Ion Ratio Lower Upper
43 100
58 42.6 29.4 44.0

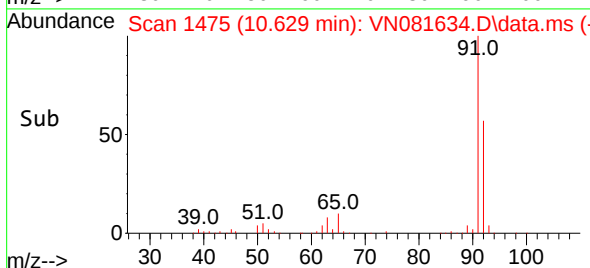
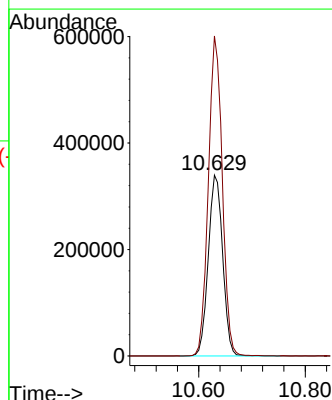
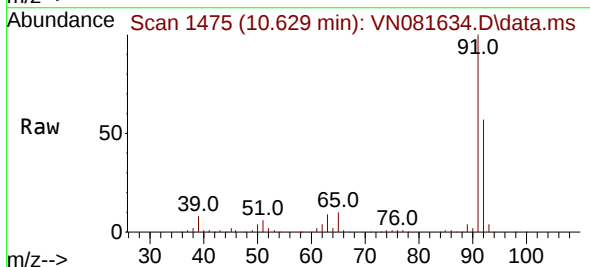
Manual Integrations
APPROVED

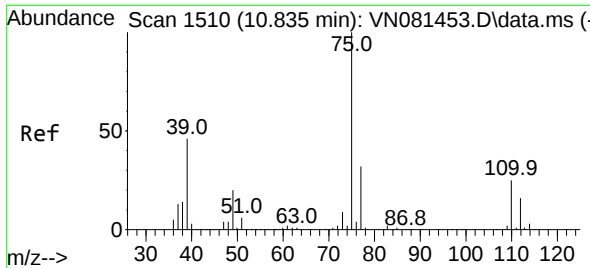
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#52
Toluene
Concen: 54.692 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

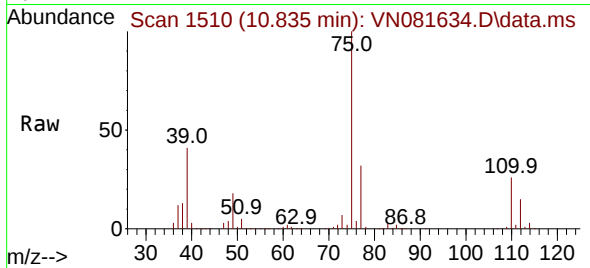
Tgt Ion: 92 Resp: 637224
Ion Ratio Lower Upper
92 100
91 171.2 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 52.668 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

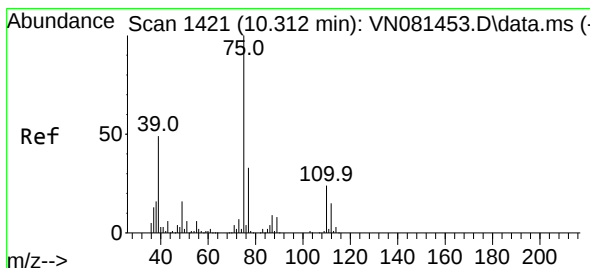
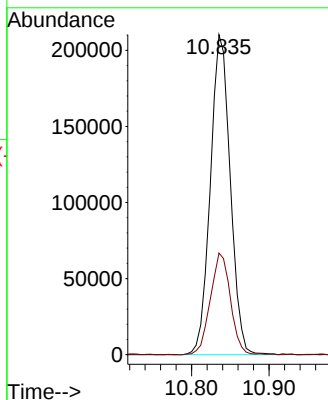
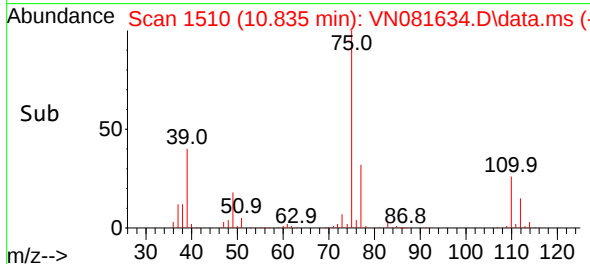
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



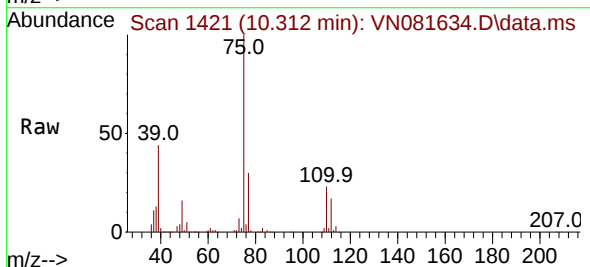
Tgt Ion: 75 Resp: 375145
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3

Manual Integrations
APPROVED

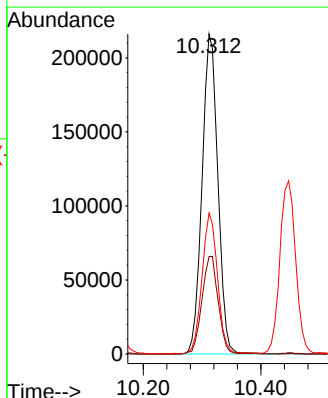
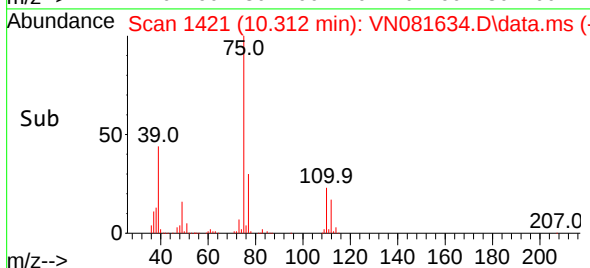
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

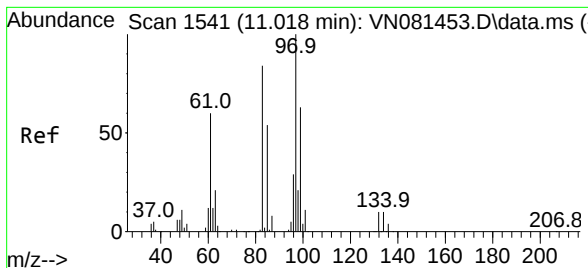


#54
cis-1,3-Dichloropropene
Concen: 52.683 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40



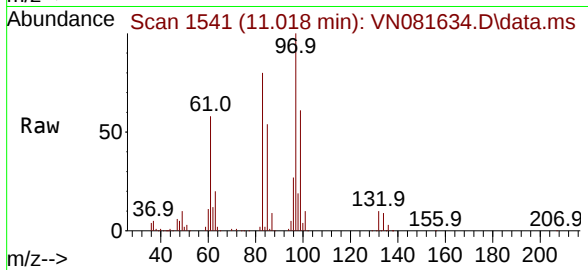
Tgt Ion: 75 Resp: 402330
Ion Ratio Lower Upper
75 100
77 30.5 23.3 34.9
39 43.9 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 56.657 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

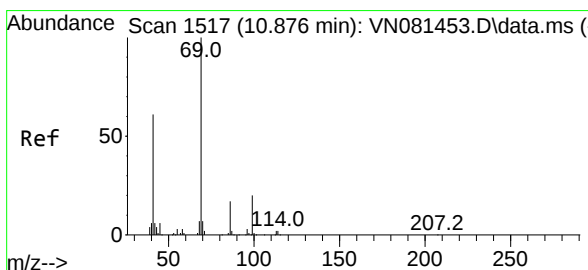
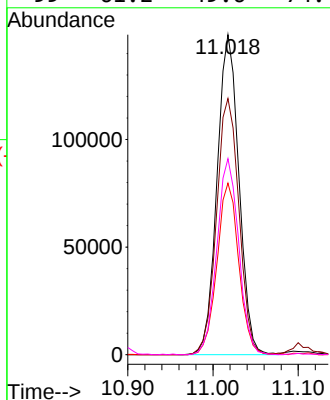
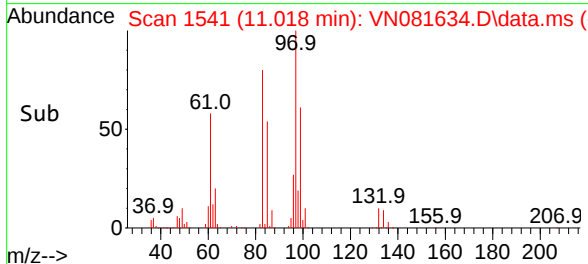
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 265658
Ion Ratio Lower Upper
97 100
83 80.1 72.9 109.3
85 53.6 50.2 75.2
99 61.2 49.6 74.4

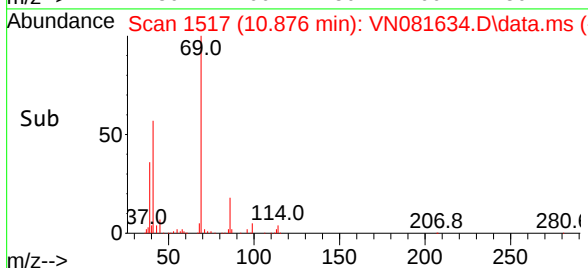
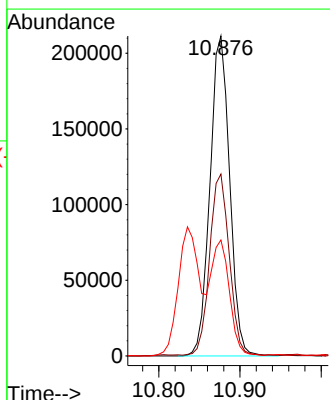
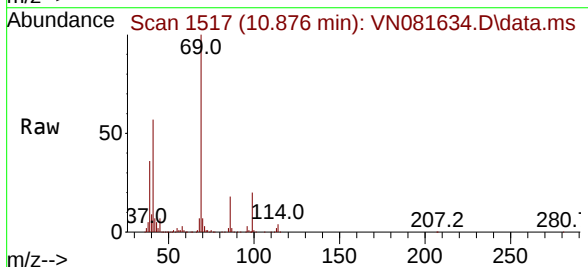
Manual Integrations
APPROVED

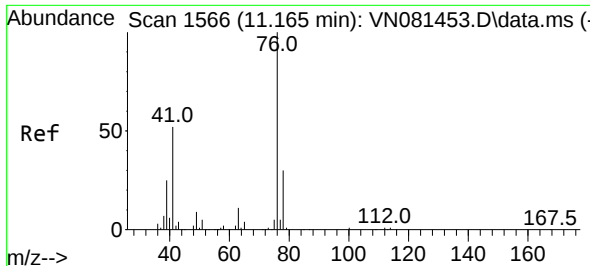
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#56
Ethyl methacrylate
Concen: 50.948 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

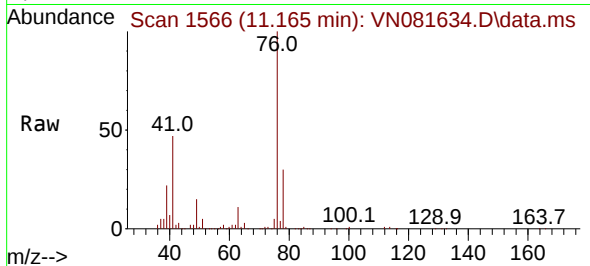
Tgt Ion: 69 Resp: 356377
Ion Ratio Lower Upper
69 100
41 56.2 61.0 91.6#
39 32.6 31.8 47.6





#57
1,3-Dichloropropane
Concen: 56.401 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

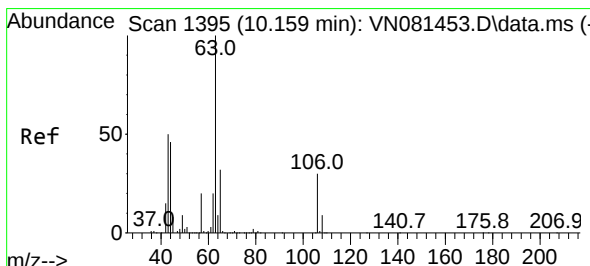
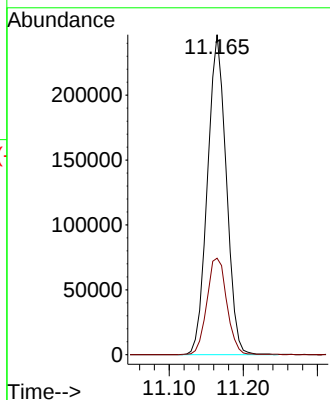
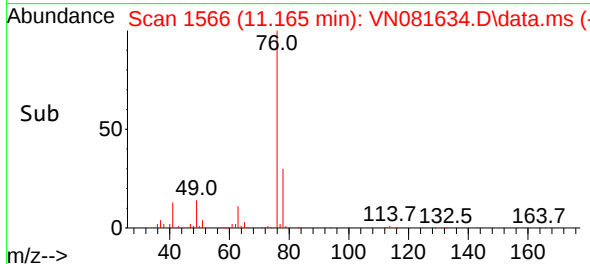
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 433530
Ion Ratio Lower Upper
76 100
78 32.1 25.5 38.3

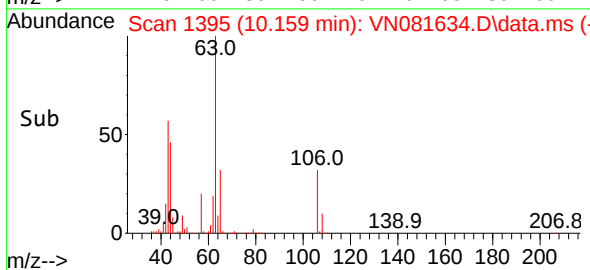
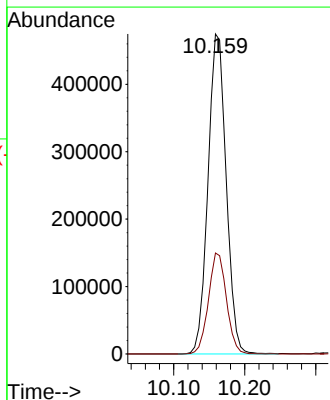
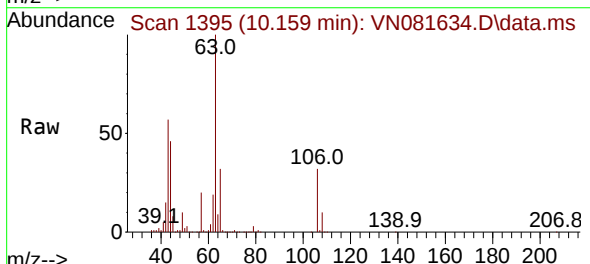
Manual Integrations
APPROVED

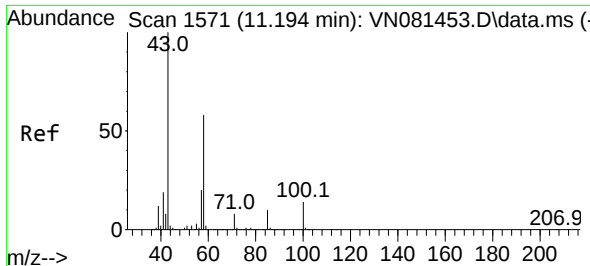
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 286.189 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

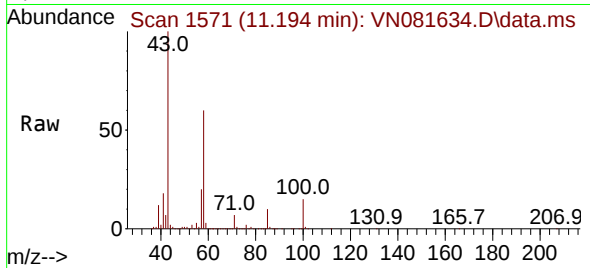
Tgt Ion: 63 Resp: 844364
Ion Ratio Lower Upper
63 100
106 31.2 18.6 28.0#





#59
2-Hexanone
Concen: 254.557 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

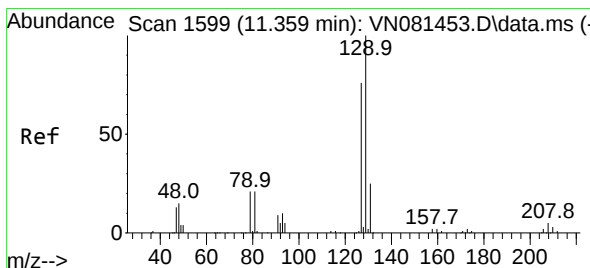
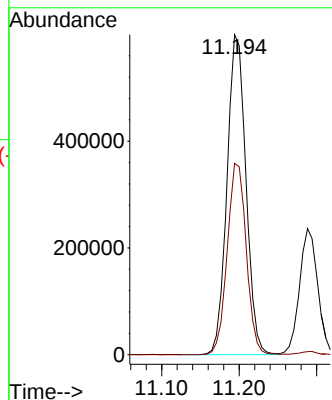
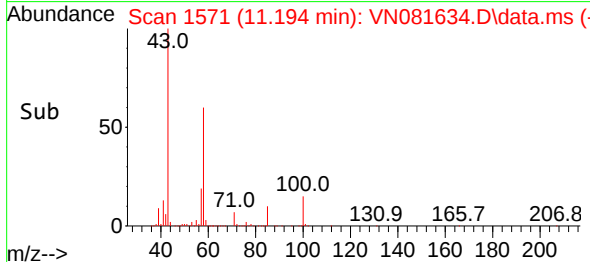
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 102206
Ion Ratio Lower Upper
43 100
58 60.1 25.9 77.8

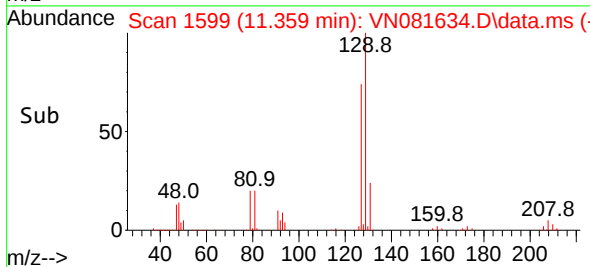
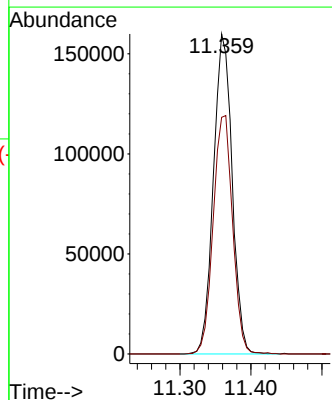
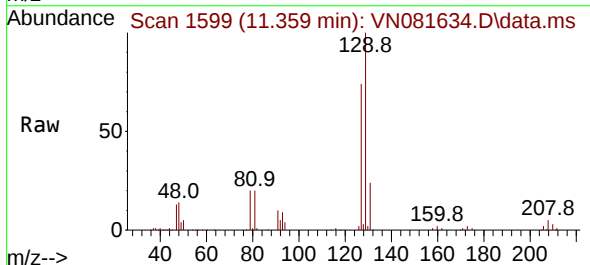
Manual Integrations
APPROVED

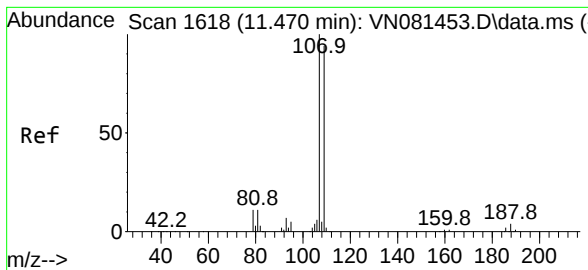
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#60
Dibromochloromethane
Concen: 56.539 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

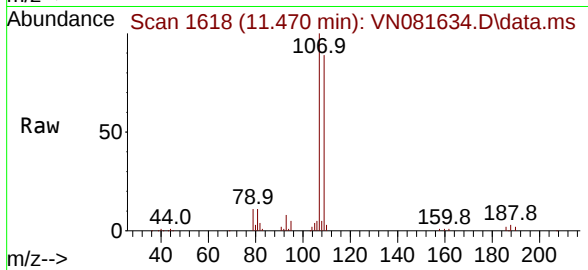
Tgt Ion:129 Resp: 291555
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.2





#61
1,2-Dibromoethane
Concen: 55.267 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

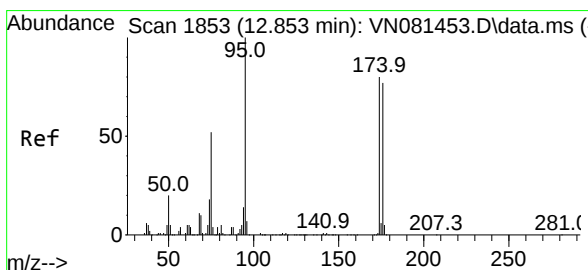
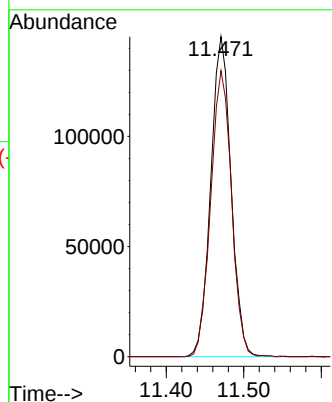
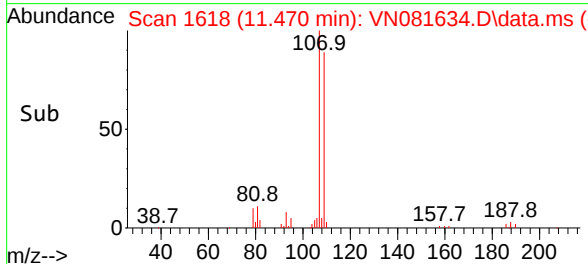
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 264198
Ion Ratio Lower Upper
107 100
109 91.7 73.4 110.2

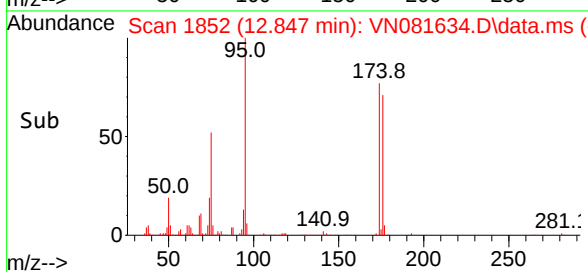
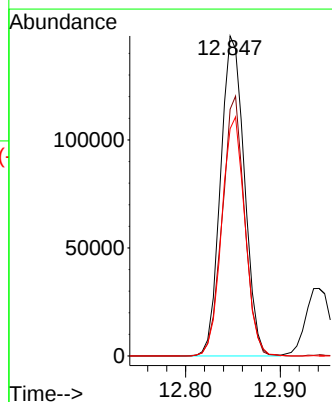
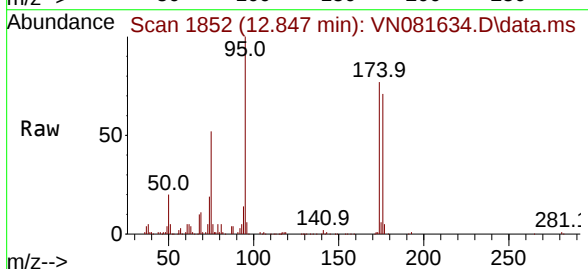
Manual Integrations
APPROVED

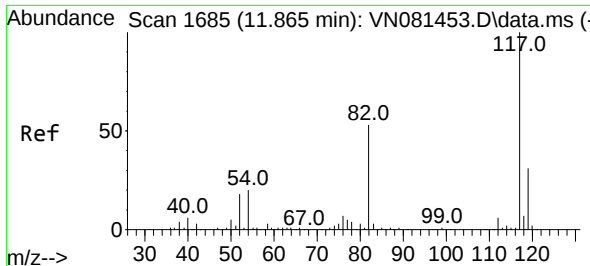
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#62
4-Bromofluorobenzene
Concen: 54.483 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

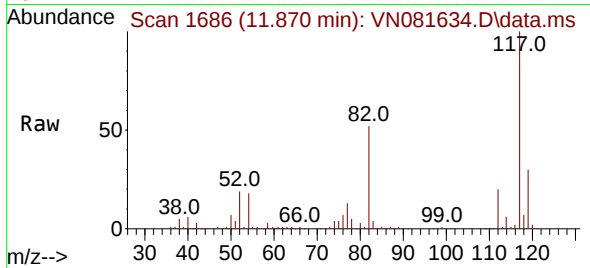
Tgt Ion: 95 Resp: 258564
Ion Ratio Lower Upper
95 100
174 76.0 0.0 120.4
176 72.9 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

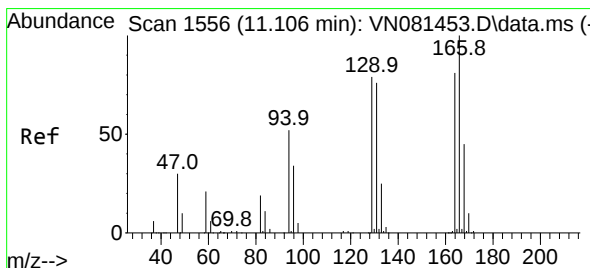
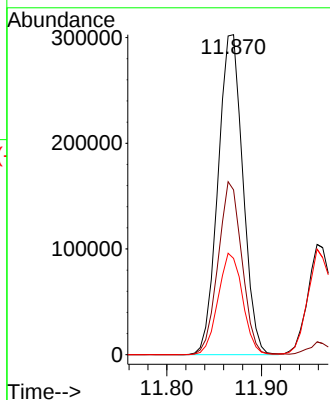
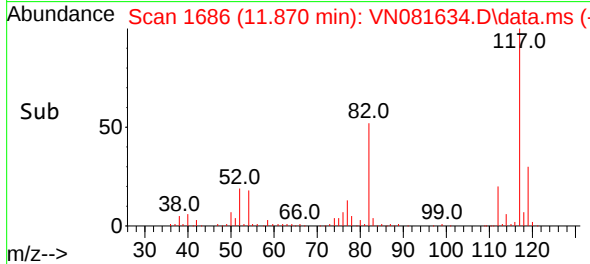
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 553244
Ion Ratio Lower Upper
117 100
82 51.5 52.7 79.1
119 30.1 25.3 37.9

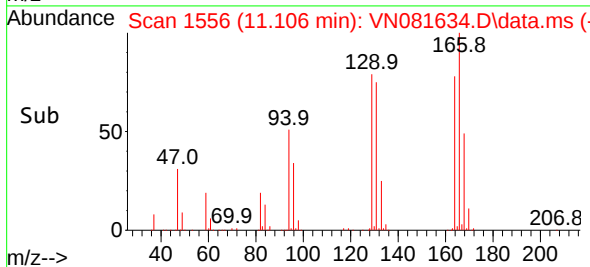
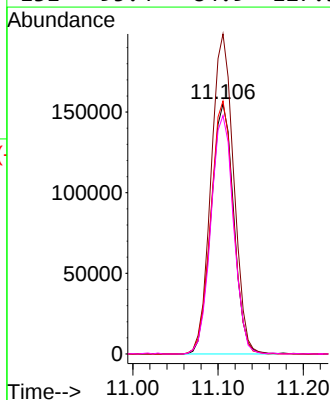
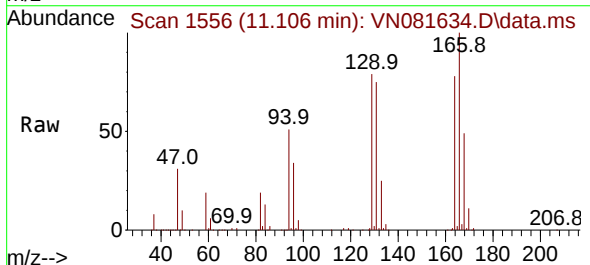
Manual Integrations
APPROVED

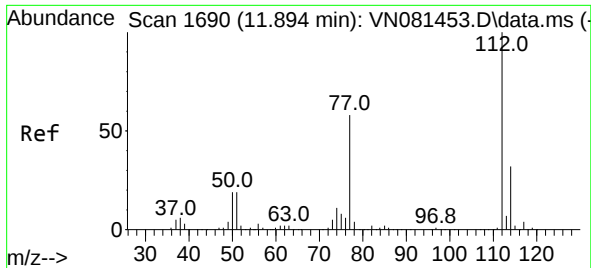
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#64
Tetrachloroethene
Concen: 53.939 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Tgt Ion:164 Resp: 285247
Ion Ratio Lower Upper
164 100
166 128.0 105.8 158.6
129 101.2 89.6 134.4
131 95.4 84.9 127.3





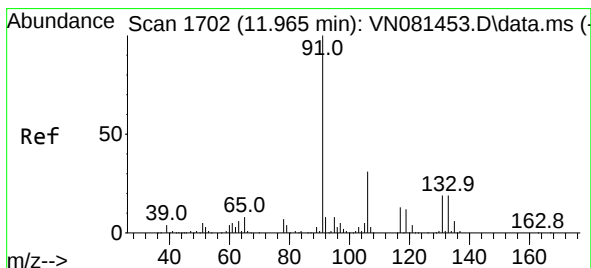
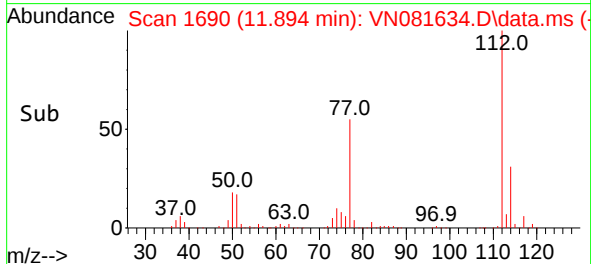
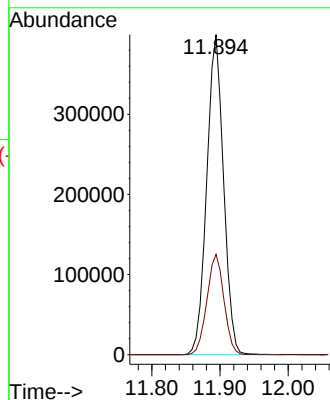
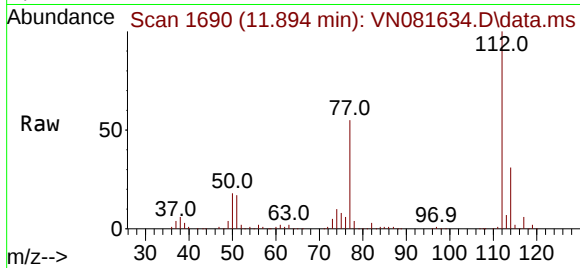
#65
Chlorobenzene
Concen: 52.343 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 68457
Ion Ratio Lower Upper
112 100
114 31.4 23.7 35.5

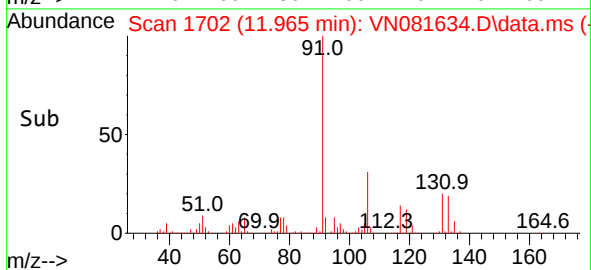
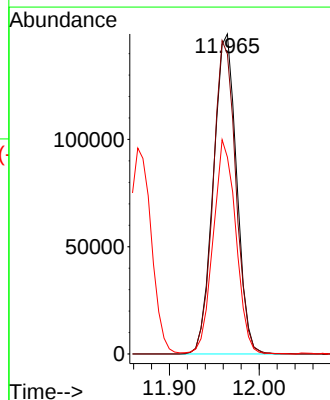
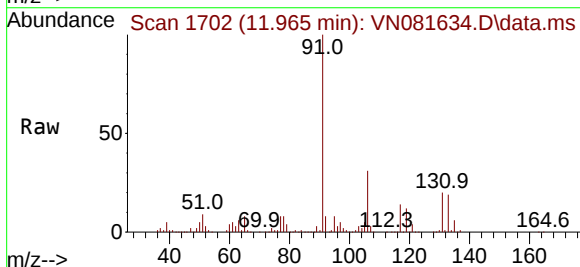
Manual Integrations
APPROVED

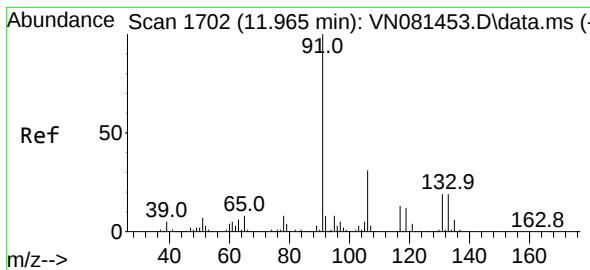
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.221 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

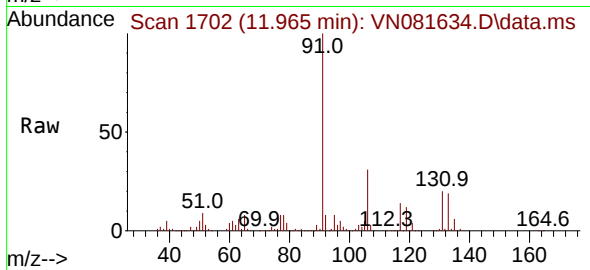
Tgt Ion:131 Resp: 267673
Ion Ratio Lower Upper
131 100
133 96.0 46.8 140.3
119 65.6 34.6 103.9





#67
Ethyl Benzene
Concen: 54.339 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

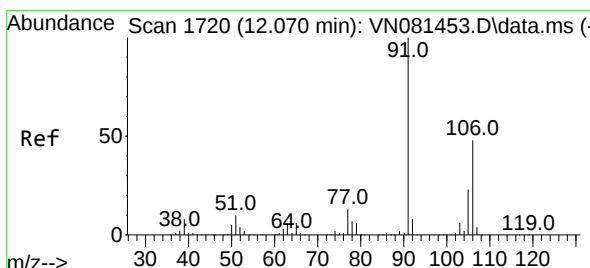
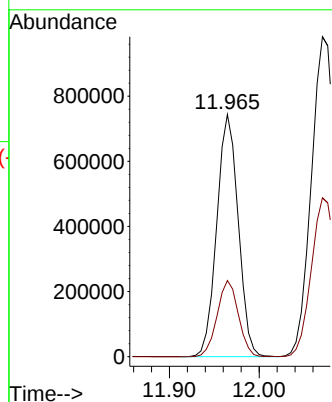
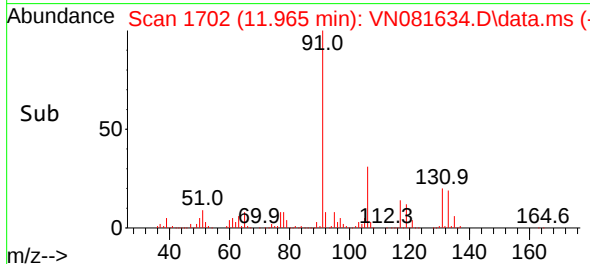
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



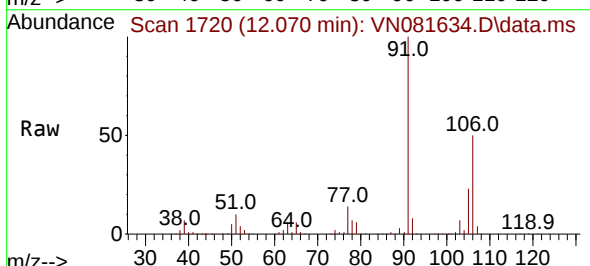
Tgt Ion: 91 Resp: 123450
Ion Ratio Lower Upper
91 100
106 31.5 23.8 35.6

Manual Integrations
APPROVED

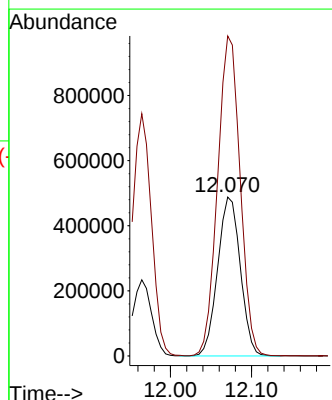
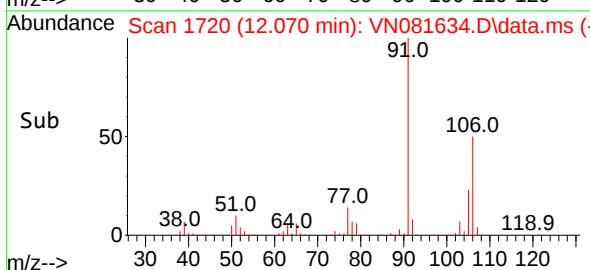
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

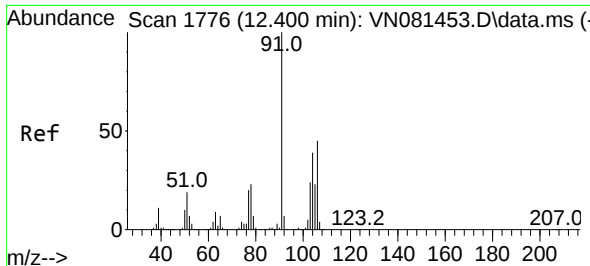


#68
m/p-Xylenes
Concen: 111.145 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40



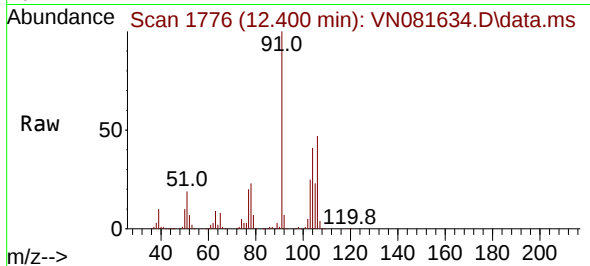
Tgt Ion:106 Resp: 946609
Ion Ratio Lower Upper
106 100
91 200.7 169.0 253.6





#69
o-Xylene
Concen: 55.125 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

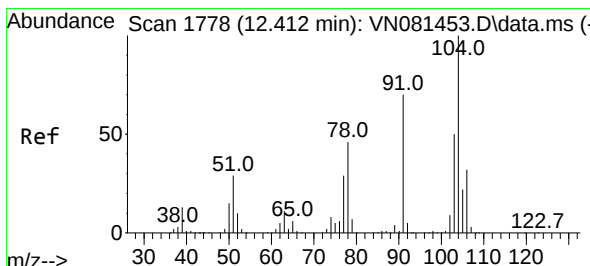
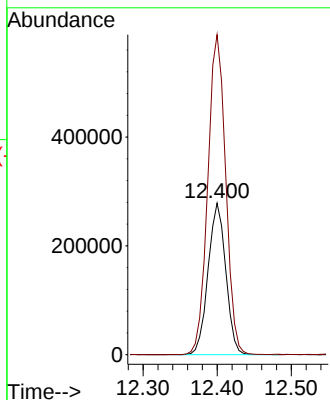
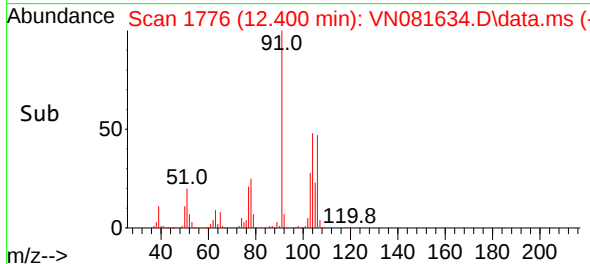
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



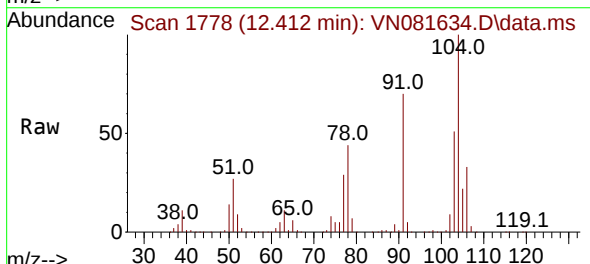
Tgt Ion:106 Resp: 460914
Ion Ratio Lower Upper
106 100
91 214.2 112.1 336.3

Manual Integrations
APPROVED

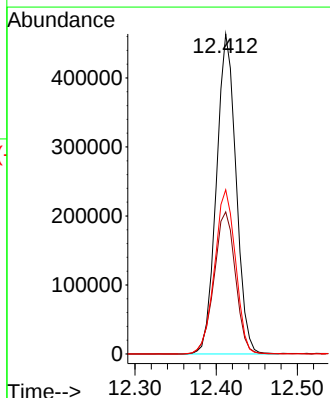
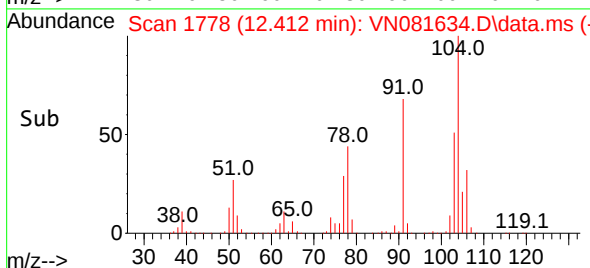
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

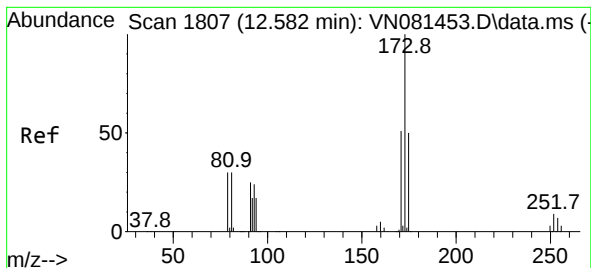


#70
Styrene
Concen: 57.956 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40



Tgt Ion:104 Resp: 781542
Ion Ratio Lower Upper
104 100
78 48.3 43.8 65.8
103 54.7 44.2 66.2





#71

Bromoform

Concen: 54.850 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081634.D

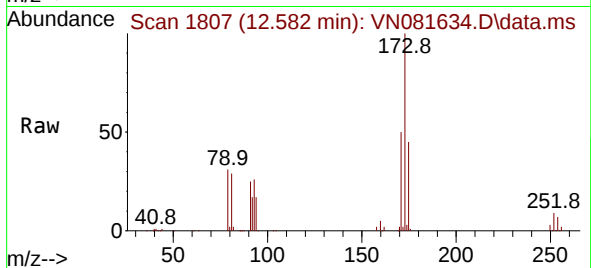
Acq: 29 Mar 2024 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



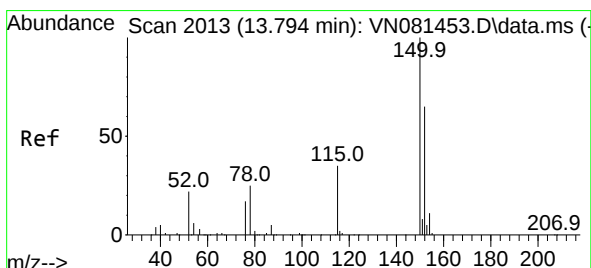
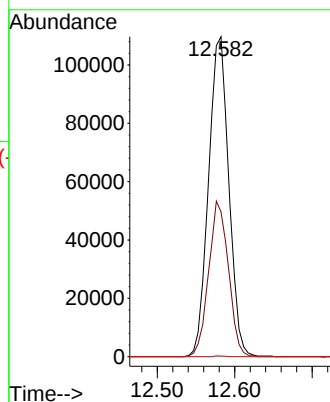
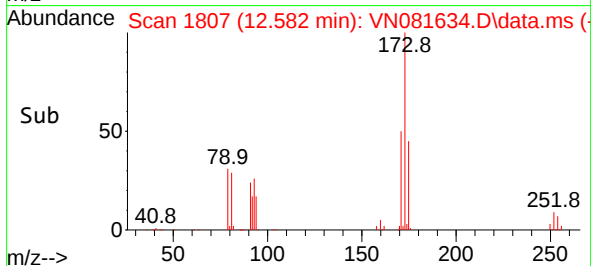
Tgt Ion:	173	Resp:	199794
Ion Ratio	Lower	Upper	
173	100		
175	47.3	23.1	69.2
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

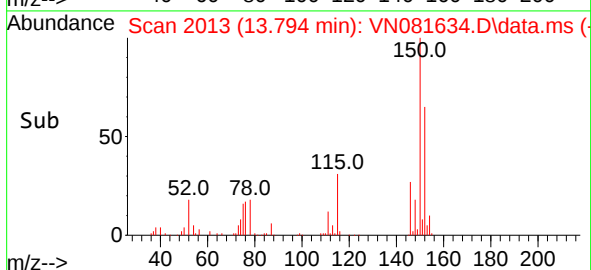
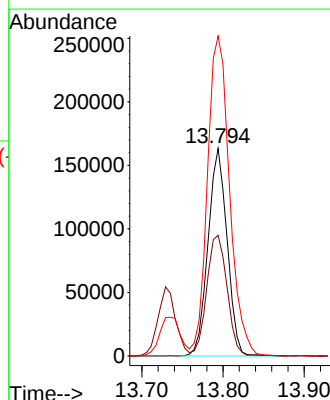
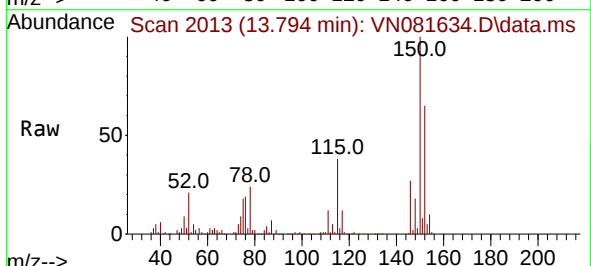
RT: 13.794 min Scan# 2013

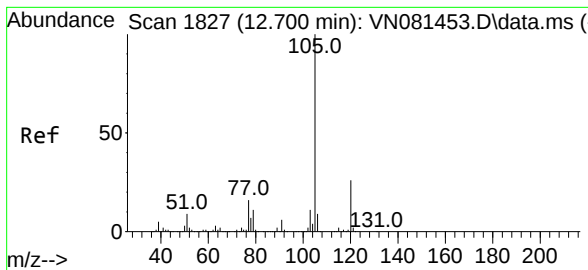
Delta R.T. 0.000 min

Lab File: VN081634.D

Acq: 29 Mar 2024 22:40

Tgt Ion:	152	Resp:	266321
Ion Ratio	Lower	Upper	
152	100		
115	61.8	32.3	96.8
150	178.5	0.0	339.8





#73

Isopropylbenzene

Concen: 52.946 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN081634.D

Acq: 29 Mar 2024 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 1201949

Ion Ratio Lower Upper

105 100

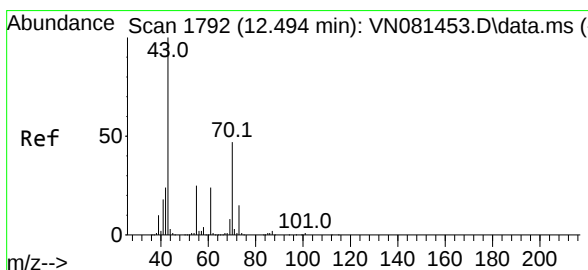
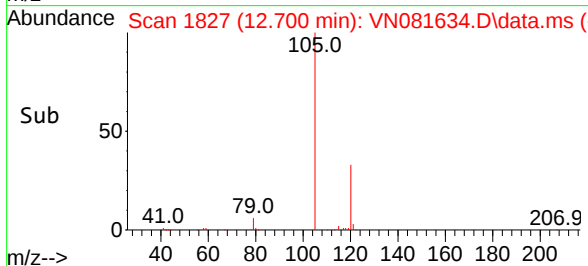
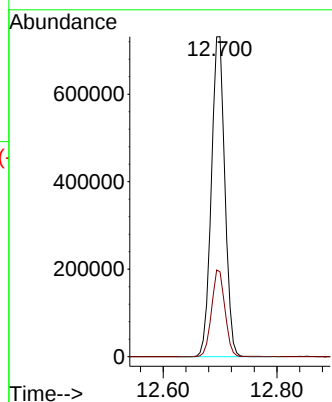
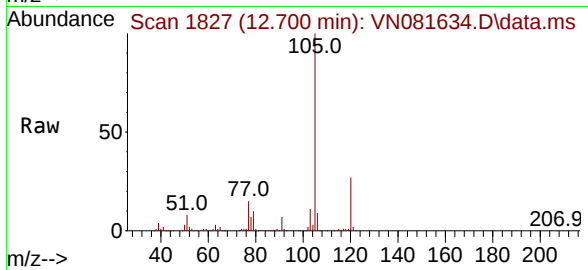
120 26.7 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#74

N-ethyl acetate

Concen: 49.622 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081634.D

Acq: 29 Mar 2024 22:40

Tgt Ion: 43 Resp: 407661

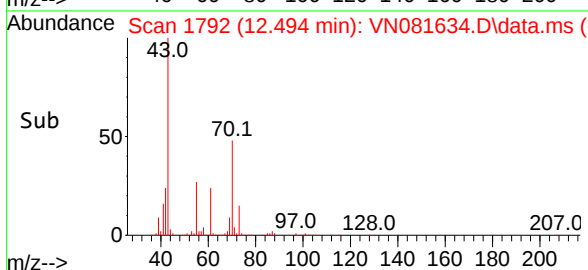
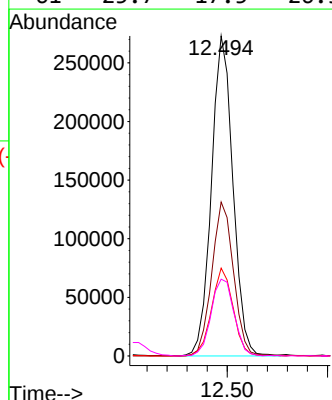
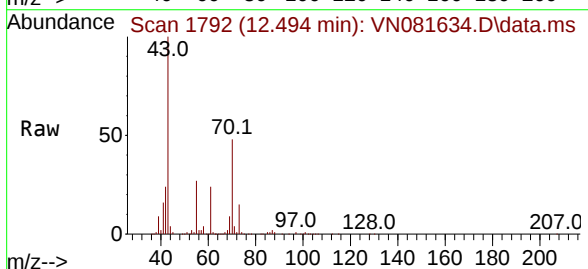
Ion Ratio Lower Upper

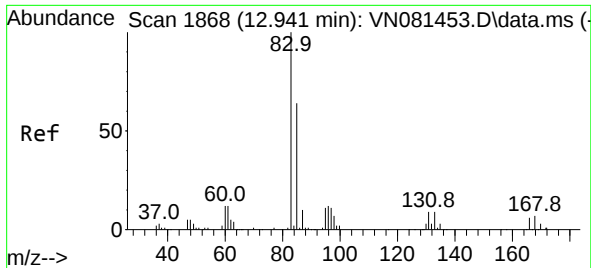
43 100

70 48.5 30.1 45.1#

55 27.4 17.0 25.4#

61 25.7 17.5 26.3





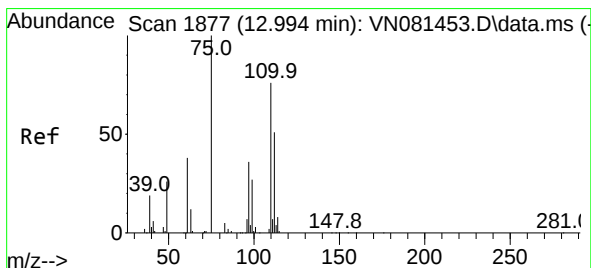
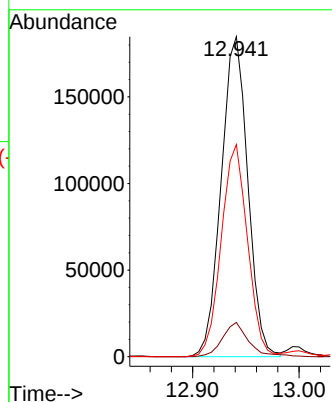
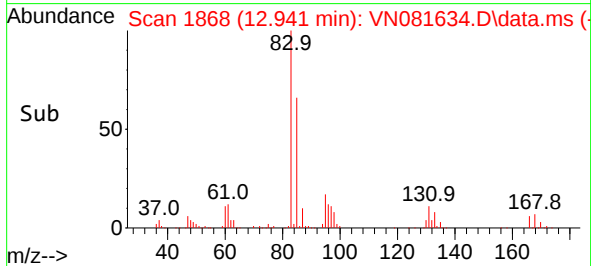
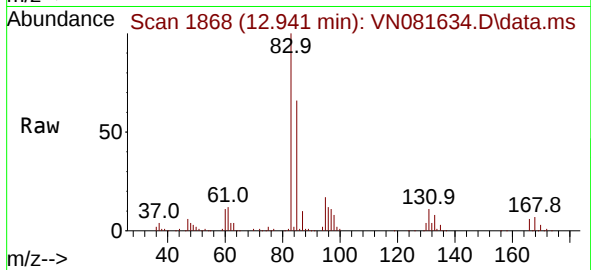
#75
1,1,2,2-Tetrachloroethane
Concen: 48.128 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 321235
Ion Ratio Lower Upper
83 100
131 10.5 4.1 12.3
85 65.3 32.1 96.3

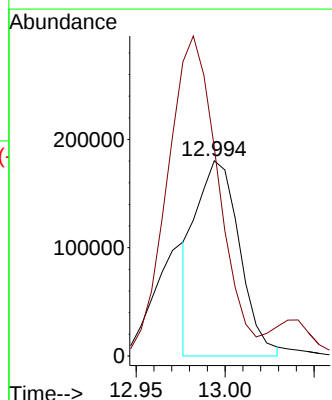
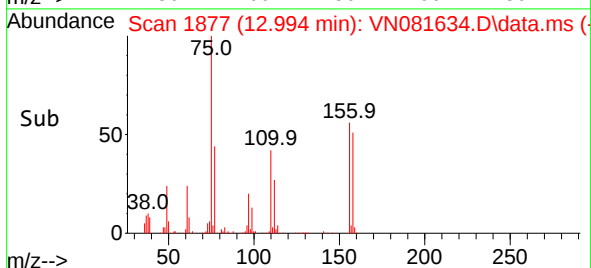
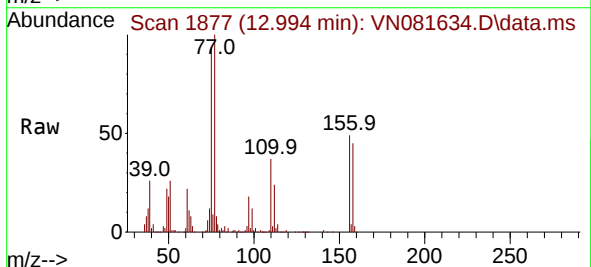
Manual Integrations
APPROVED

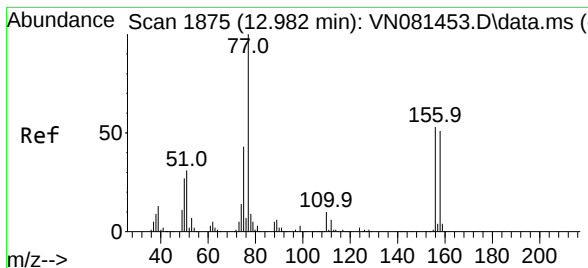
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#76
1,2,3-Trichloropropane
Concen: 48.424 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Tgt Ion: 75 Resp: 308485
Ion Ratio Lower Upper
75 100
77 190.7 91.0 272.8





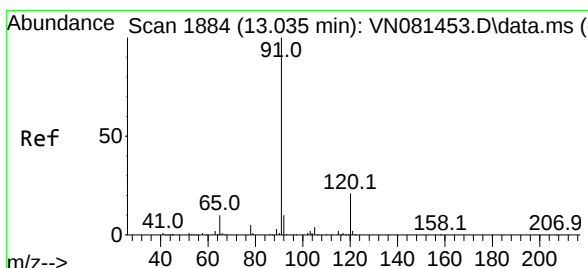
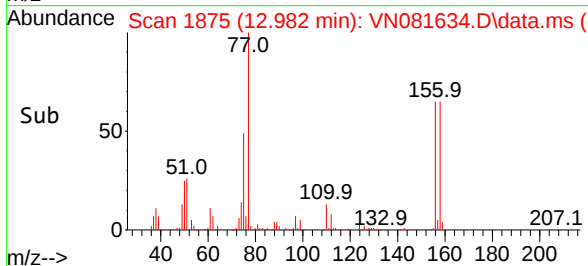
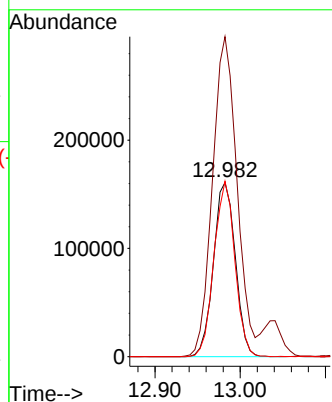
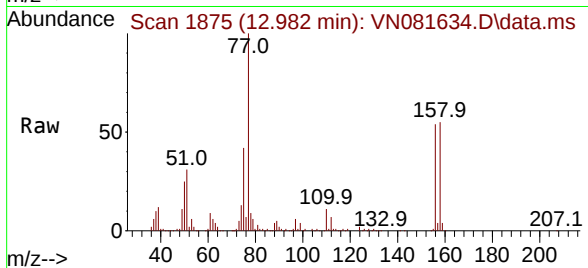
#77
Bromobenzene
Concen: 51.055 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 286312
Ion Ratio Lower Upper
156 100
77 205.5 138.1 414.3
158 96.7 46.5 139.5

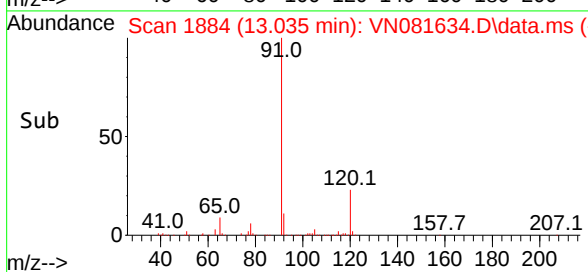
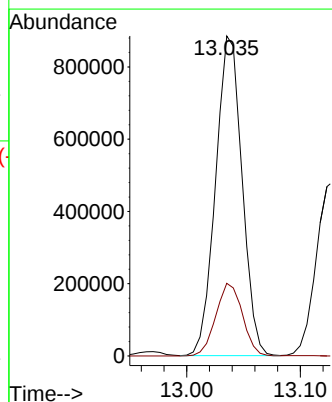
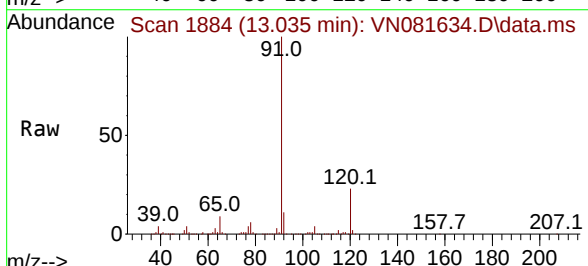
Manual Integrations
APPROVED

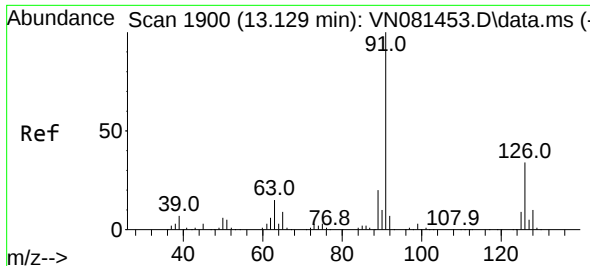
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#78
n-propylbenzene
Concen: 53.468 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Tgt Ion: 91 Resp: 1433442
Ion Ratio Lower Upper
91 100
120 22.8 10.3 30.9





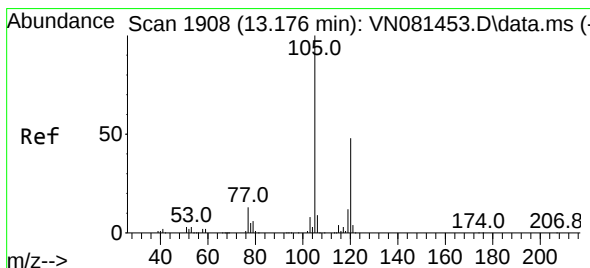
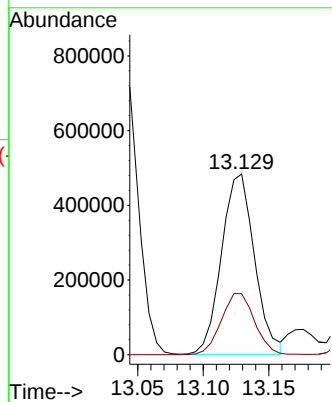
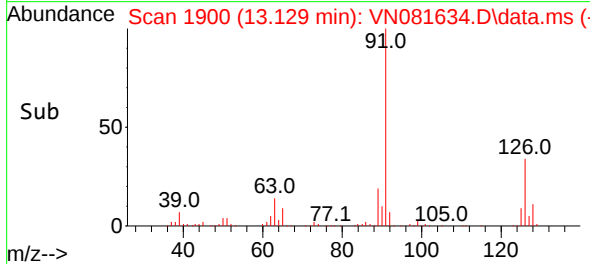
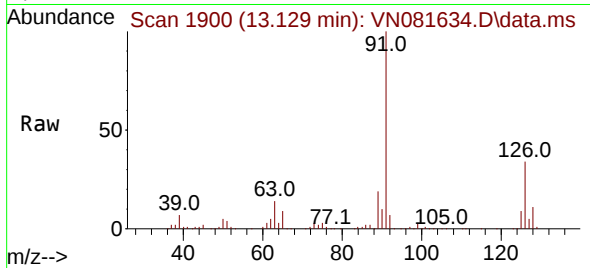
#79
2-Chlorotoluene
Concen: 52.726 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 846030
Ion Ratio Lower Upper
91 100
126 34.3 14.8 44.4

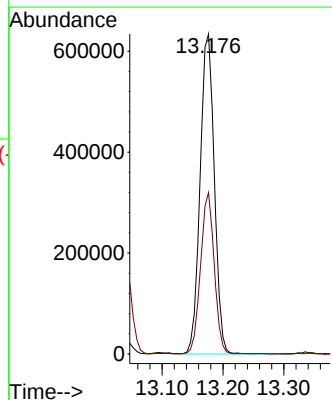
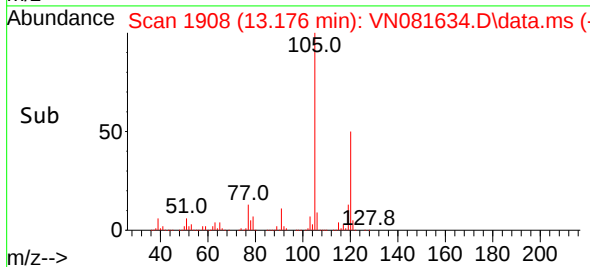
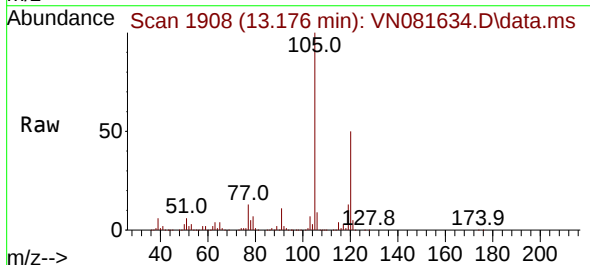
Manual Integrations
APPROVED

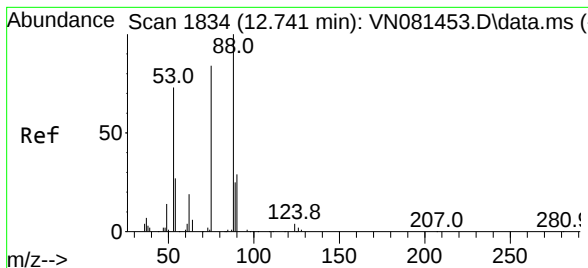
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 55.056 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

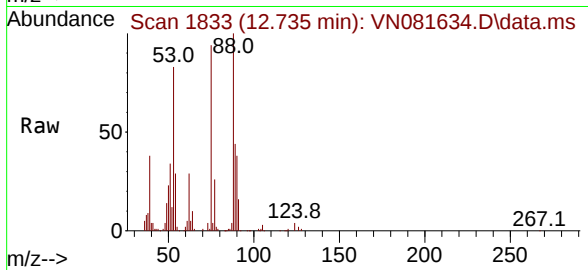
Tgt Ion:105 Resp: 1032313
Ion Ratio Lower Upper
105 100
120 48.4 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 46.181 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

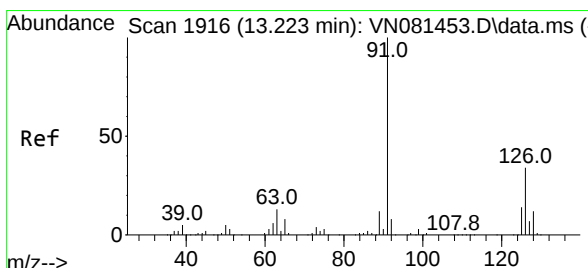
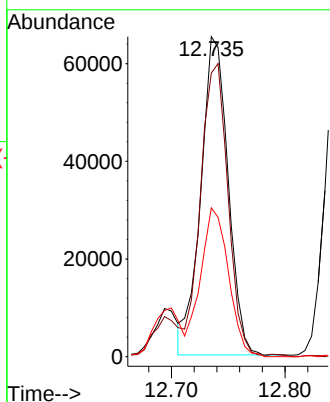
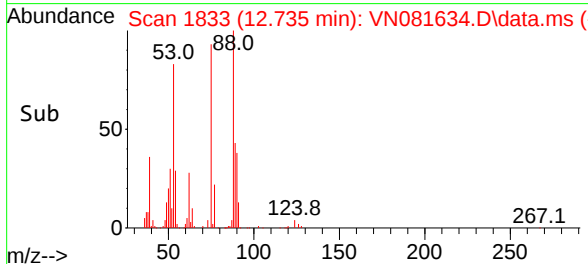
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



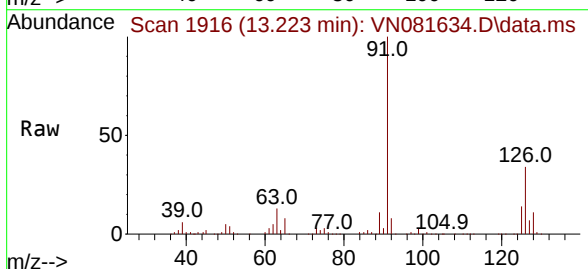
Tgt Ion: 75 Resp: 108868
Ion Ratio Lower Upper
75 100
53 90.8 71.4 107.2
89 47.8 33.4 50.0

Manual Integrations
APPROVED

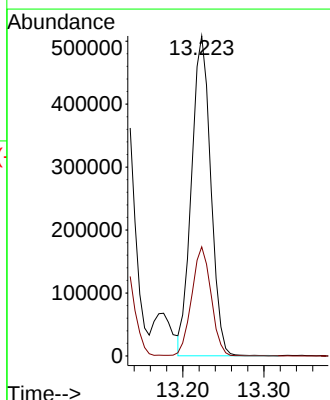
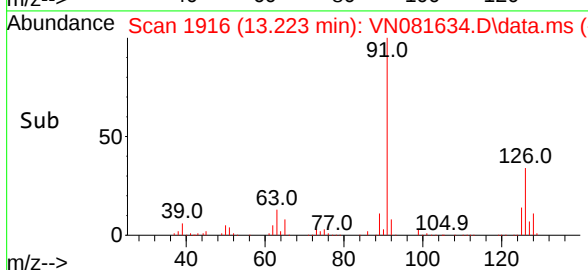
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

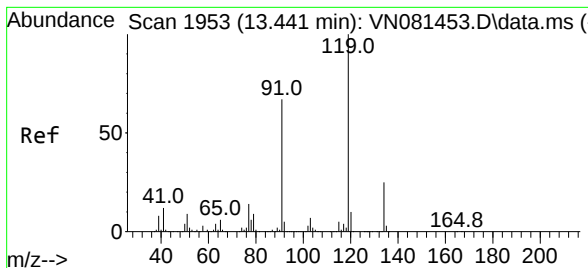


#82
4-Chlorotoluene
Concen: 52.912 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40



Tgt Ion: 91 Resp: 837049
Ion Ratio Lower Upper
91 100
126 34.4 15.3 45.9





#83

tert-Butylbenzene

Concen: 53.551 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081634.D

Acq: 29 Mar 2024 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 865860

Ion Ratio Lower Upper

119 100

91 67.4 36.8 110.4

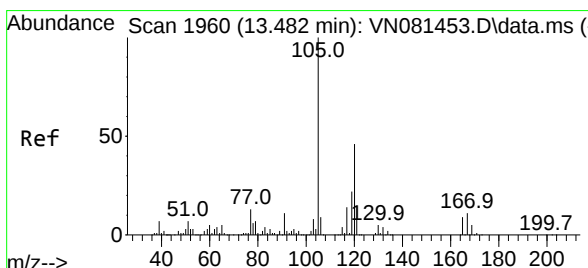
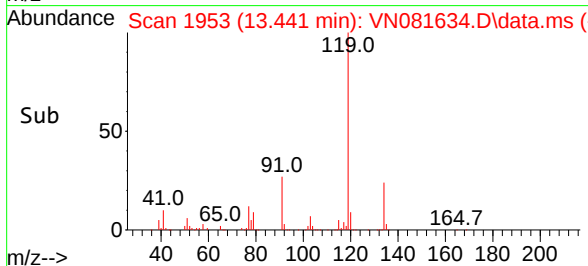
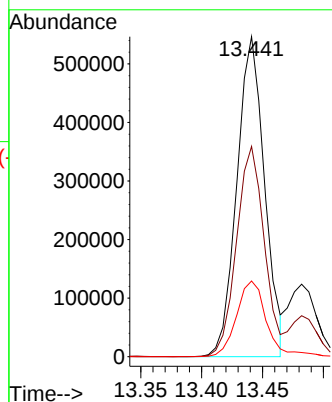
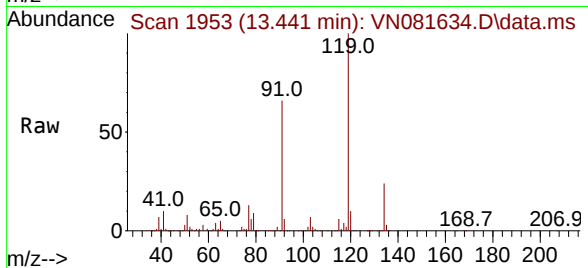
134 25.7 12.4 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#84

1,2,4-Trimethylbenzene

Concen: 54.474 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081634.D

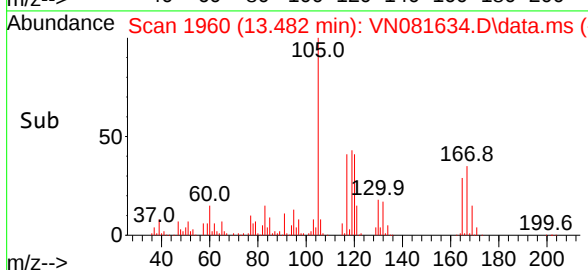
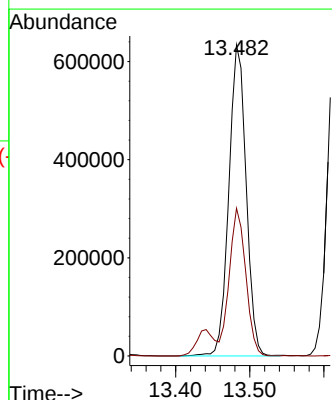
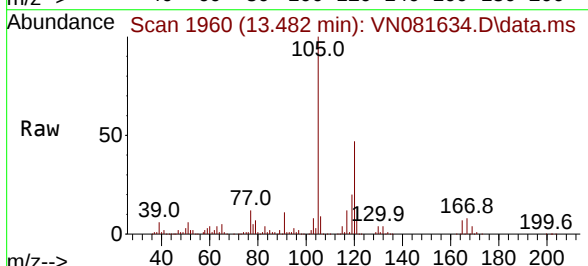
Acq: 29 Mar 2024 22:40

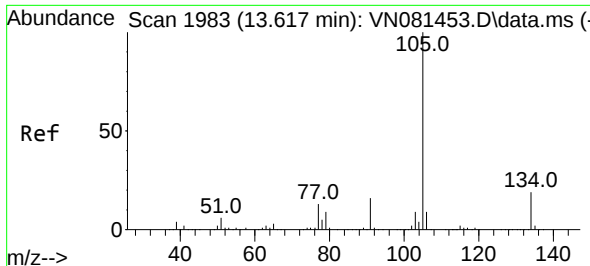
Tgt Ion:105 Resp: 1026586

Ion Ratio Lower Upper

105 100

120 44.9 20.9 62.7





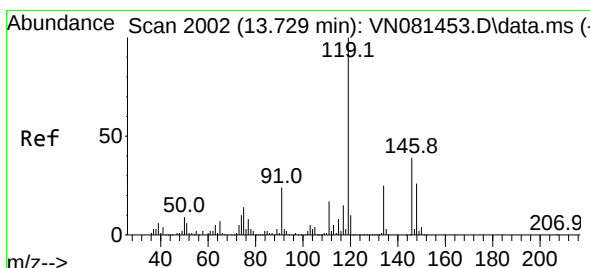
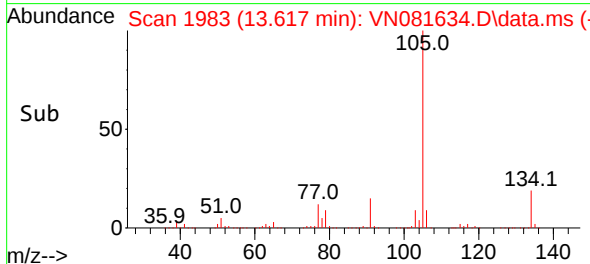
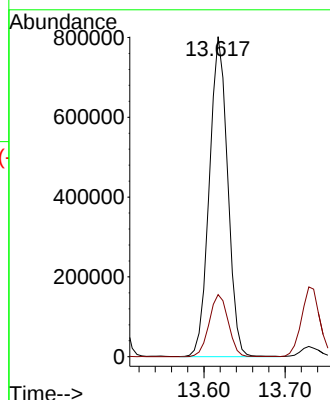
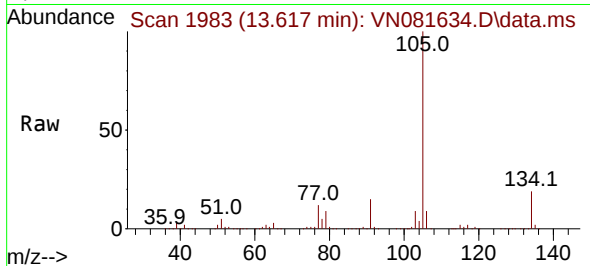
#85
 sec-Butylbenzene
 Concen: 54.396 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081634.D
 Acq: 29 Mar 2024 22:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 125732
 Ion Ratio Lower Upper
 105 100
 134 20.2 8.6 25.8

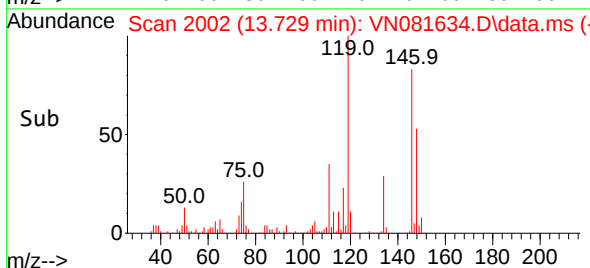
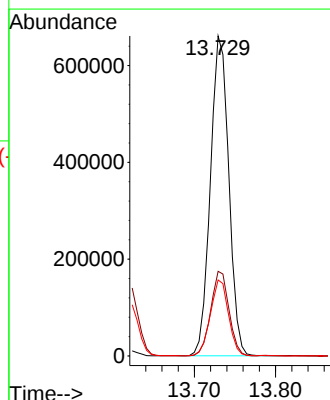
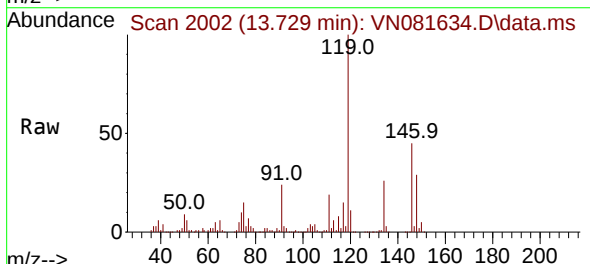
Manual Integrations
 APPROVED

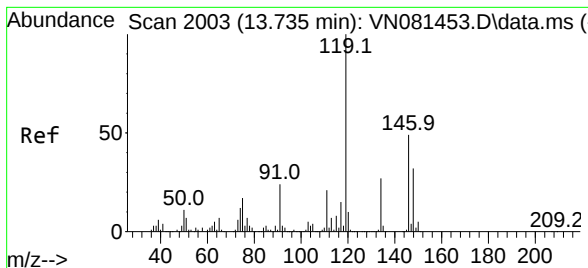
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024



#86
 p-Isopropyltoluene
 Concen: 54.961 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081634.D
 Acq: 29 Mar 2024 22:40

Tgt Ion:119 Resp: 1038473
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.4 37.2
 91 23.4 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 52.836 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081634.D

Acq: 29 Mar 2024 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

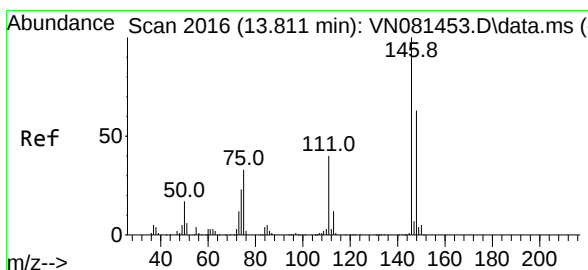
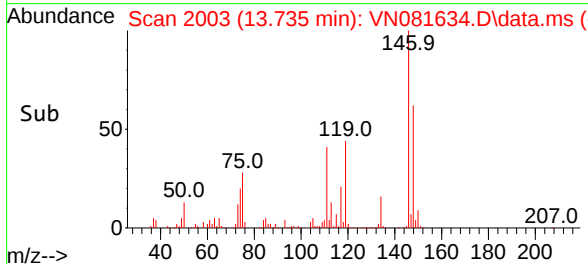
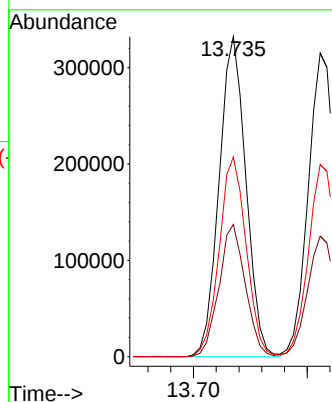
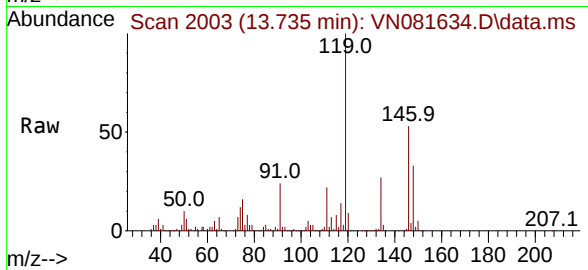
Tgt Ion:146 Resp: 544394
 Ion Ratio Lower Upper
 146 100
 111 40.6 23.9 71.7
 148 62.9 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#88

1,4-Dichlorobenzene

Concen: 50.045 ug/l

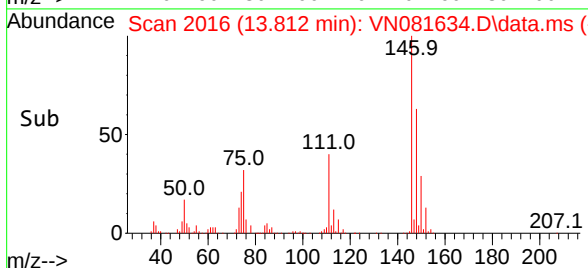
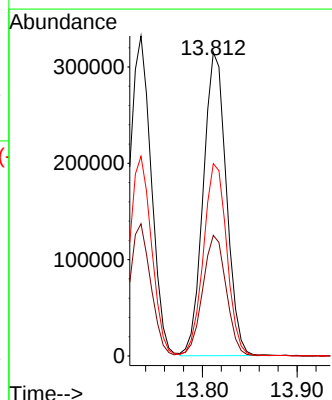
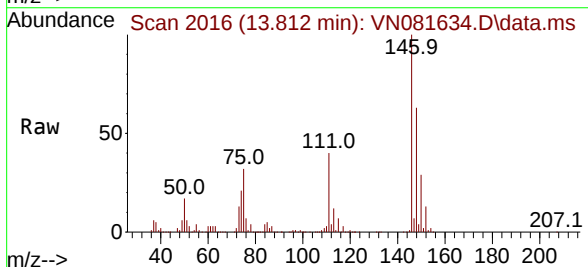
RT: 13.812 min Scan# 2016

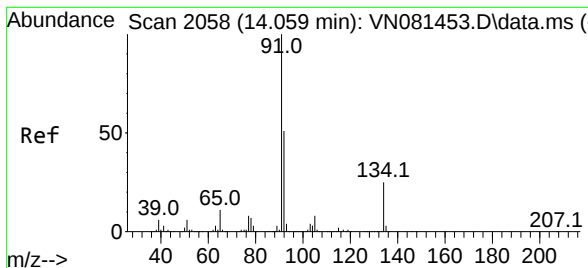
Delta R.T. 0.000 min

Lab File: VN081634.D

Acq: 29 Mar 2024 22:40

Tgt Ion:146 Resp: 533912
 Ion Ratio Lower Upper
 146 100
 111 40.5 22.6 67.7
 148 63.9 31.9 95.5





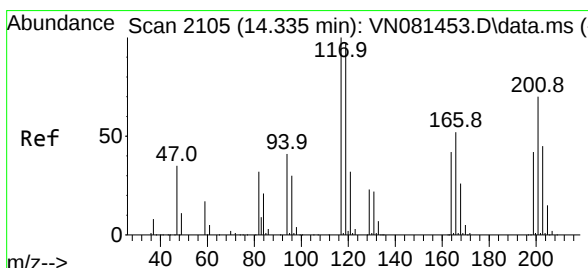
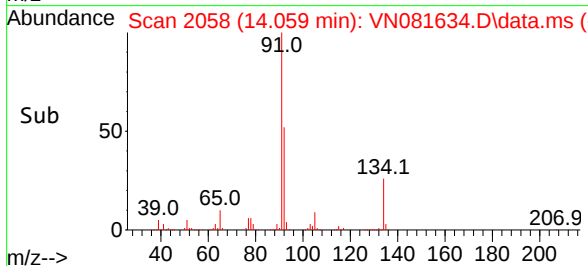
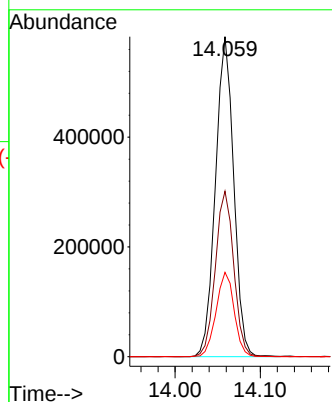
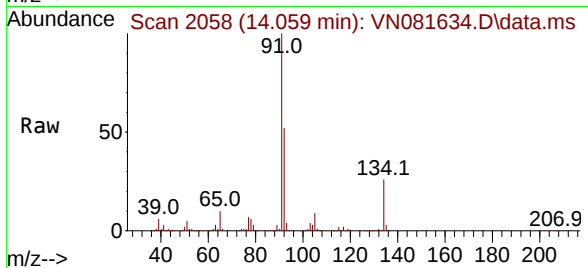
#89
n-Butylbenzene
Concen: 51.839 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 86852
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.1
134 26.1 10.8 32.4

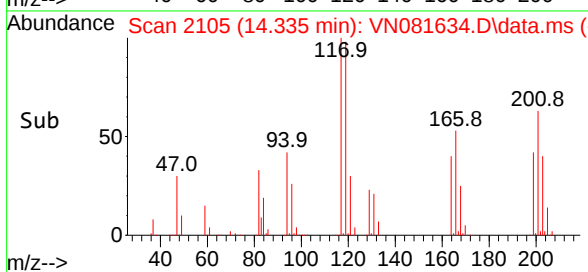
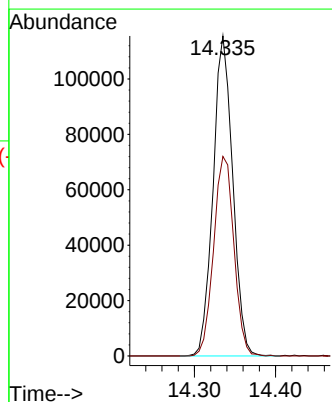
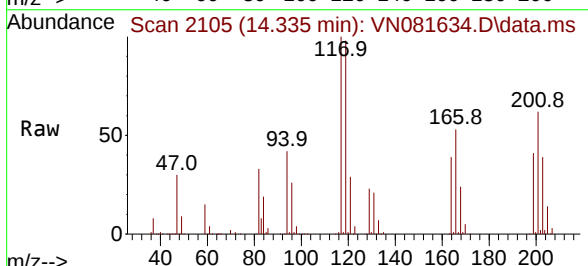
Manual Integrations
APPROVED

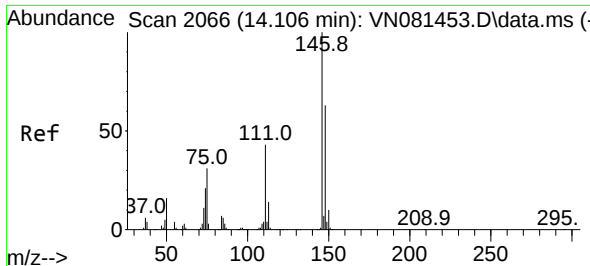
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#90
Hexachloroethane
Concen: 54.303 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

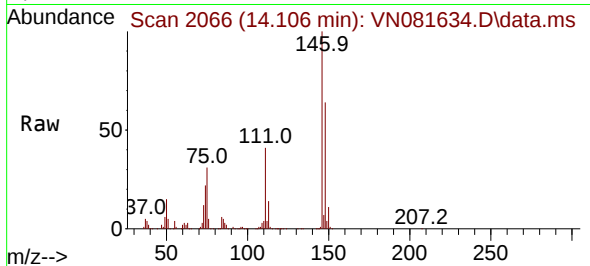
Tgt Ion:117 Resp: 194315
Ion Ratio Lower Upper
117 100
201 64.3 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 52.902 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

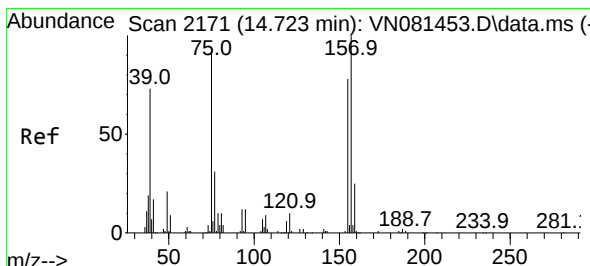
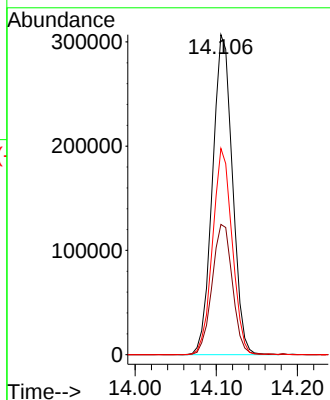
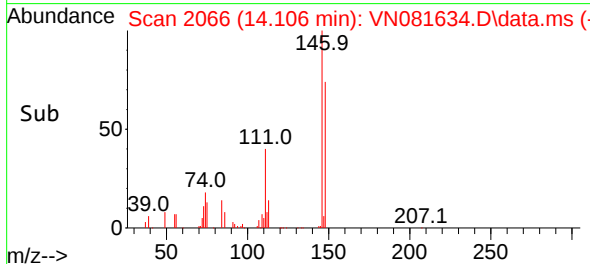
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



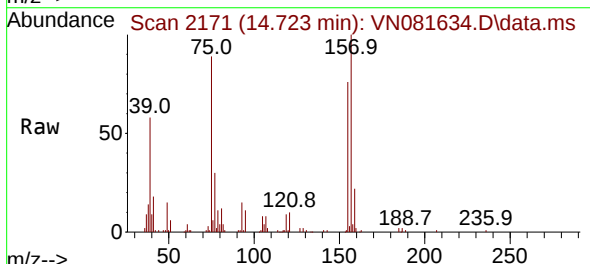
Tgt Ion:146 Resp: 524629
Ion Ratio Lower Upper
146 100
111 41.5 23.9 71.8
148 63.2 31.4 94.0

Manual Integrations
APPROVED

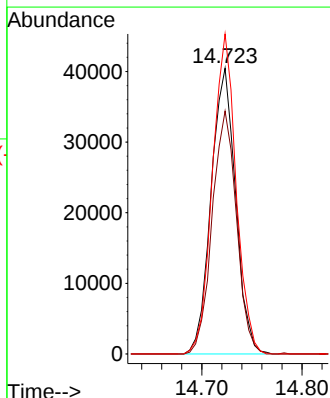
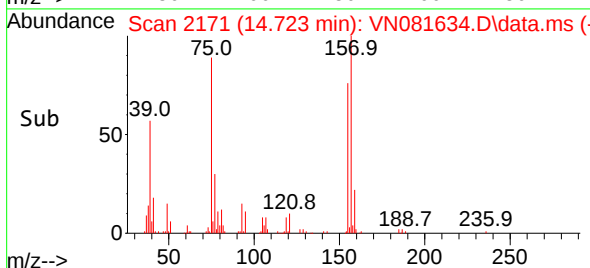
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

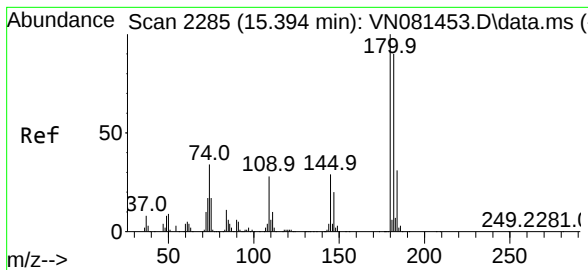


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.372 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40



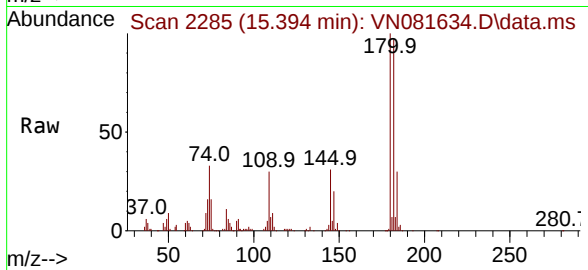
Tgt Ion: 75 Resp: 68711
Ion Ratio Lower Upper
75 100
155 84.2 31.8 95.4
157 107.9 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 49.093 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

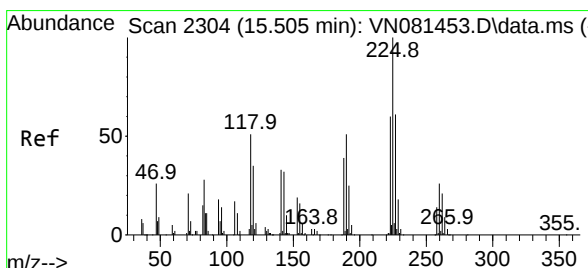
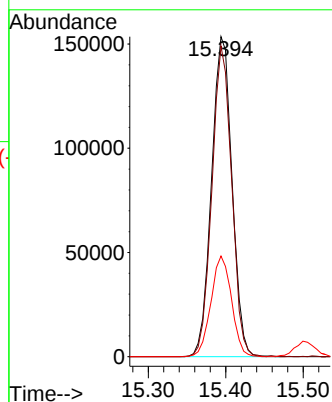
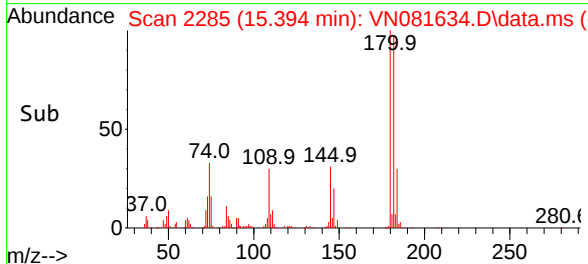
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 28150
Ion Ratio Lower Upper
180 100
182 93.7 46.6 139.7
145 31.6 16.8 50.3

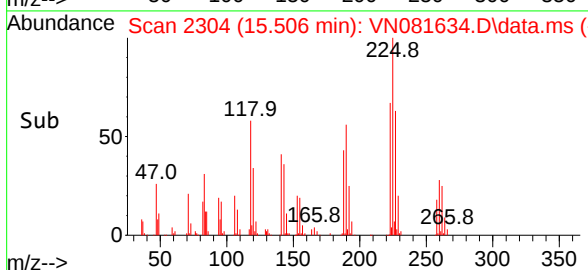
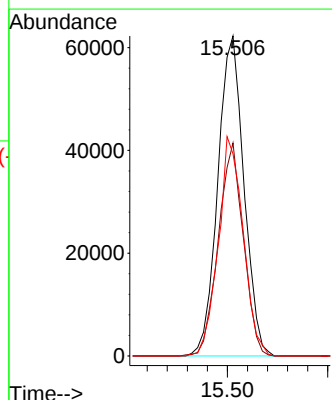
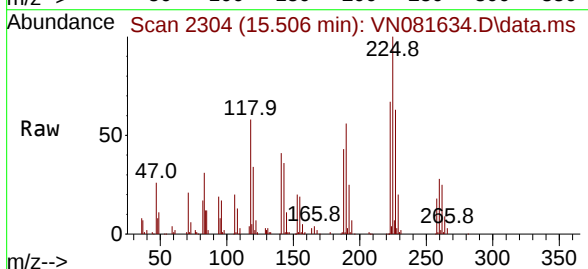
Manual Integrations
APPROVED

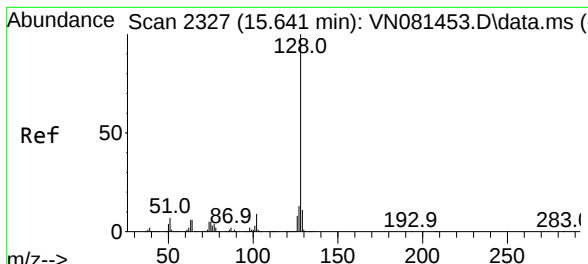
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#94
Hexachlorobutadiene
Concen: 44.596 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Tgt Ion:225 Resp: 112199
Ion Ratio Lower Upper
225 100
223 63.7 33.3 99.8
227 65.4 33.1 99.2





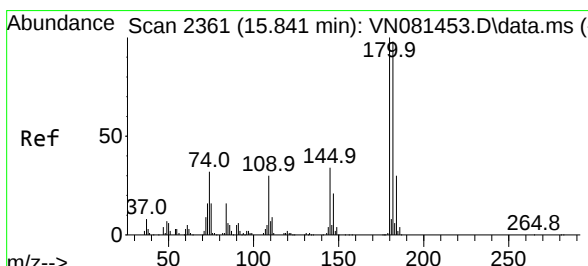
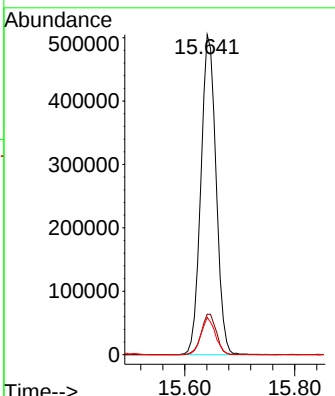
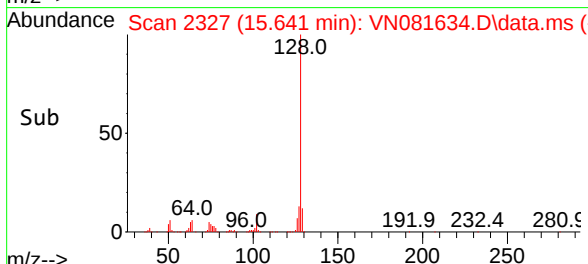
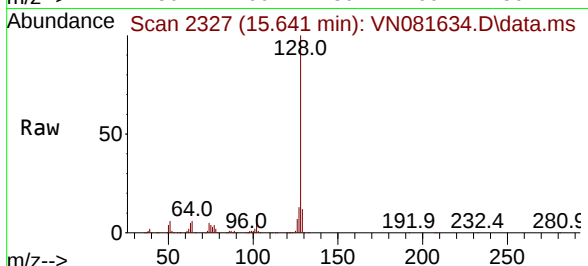
#95
Naphthalene
Concen: 52.080 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Tgt Ion:	128	Resp:	967662
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.0	15.0
129	11.0	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.269 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081634.D
Acq: 29 Mar 2024 22:40

Tgt Ion:	180	Resp:	284167
Ion Ratio	Lower	Upper	
180	100		
182	95.3	46.5	139.3
145	33.8	17.8	53.4

