

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
 Data File : VN081593.D
 Acq On : 27 Mar 2024 18:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2024
 Supervised By : Mahesh Dadoda 03/28/2024

Quant Time: Mar 28 01:31:25 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	361808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	642471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	580838	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	287972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	204451	44.311	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.620%		
35) Dibromofluoromethane	8.165	113	188483	46.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.980%		
50) Toluene-d8	10.571	98	655444	44.719	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.440%		
62) 4-Bromofluorobenzene	12.853	95	236917	45.873	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	91.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	228939	46.993	ug/l	100
3) Chloromethane	2.359	50	225465	46.483	ug/l	97
4) Vinyl Chloride	2.512	62	272832	50.120	ug/l	91
5) Bromomethane	2.948	94	191823	49.827	ug/l	96
6) Chloroethane	3.118	64	196488	52.571	ug/l	98
7) Trichlorofluoromethane	3.495	101	420661	51.851	ug/l	94
8) Diethyl Ether	3.959	74	142574	53.102	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.377	101	241481	52.385	ug/l	# 88
10) Methyl Iodide	4.589	142	266163	57.980	ug/l	98
11) Tert butyl alcohol	5.524	59	258345	321.295	ug/l	99
12) 1,1-Dichloroethene	4.336	96	221614	51.901	ug/l	81
13) Acrolein	4.177	56	199383	276.339	ug/l	100
14) Allyl chloride	5.018	41	276242	51.629	ug/l	# 84
15) Acrylonitrile	5.724	53	587041	272.902	ug/l	98
16) Acetone	4.424	43	407088	273.005	ug/l	97
17) Carbon Disulfide	4.712	76	542971	44.312	ug/l	96
18) Methyl Acetate	5.018	43	273773	59.553	ug/l	# 87
19) Methyl tert-butyl Ether	5.794	73	760048	56.876	ug/l	96
20) Methylene Chloride	5.277	84	265362	54.327	ug/l	87
21) trans-1,2-Dichloroethene	5.789	96	245909	51.652	ug/l	86
22) Diisopropyl ether	6.671	45	699764	56.287	ug/l	# 90
23) Vinyl Acetate	6.606	43	2756814	278.591	ug/l	# 88
24) 1,1-Dichloroethane	6.571	63	454017	54.526	ug/l	94
25) 2-Butanone	7.483	43	698347	273.047	ug/l	# 87
26) 2,2-Dichloropropane	7.488	77	390669	54.094	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	295324	54.824	ug/l	84
28) Bromochloromethane	7.818	49	158505	46.735	ug/l	# 50
29) Tetrahydrofuran	7.835	42	464295	269.473	ug/l	# 76
30) Chloroform	7.965	83	497581	55.820	ug/l	99
31) Cyclohexane	8.259	56	353738	47.113	ug/l	# 70
32) 1,1,1-Trichloroethane	8.165	97	445686	55.109	ug/l	93
36) 1,1-Dichloropropene	8.371	75	342173	50.146	ug/l	96
37) Ethyl Acetate	7.559	43	298698	51.121	ug/l	95
38) Carbon Tetrachloride	8.359	117	394138	52.729	ug/l	98
39) Methylcyclohexane	9.606	83	392001	51.443	ug/l	# 84
40) Benzene	8.606	78	1063019	53.287	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	165810	53.660	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	364870	51.972	ug/l	98
43) Isopropyl Acetate	8.688	43	655515	67.682	ug/l	96
44) Trichloroethene	9.353	130	283792	50.581	ug/l	95
45) 1,2-Dichloropropane	9.618	63	264684	54.747	ug/l	99
46) Dibromomethane	9.712	93	197962	53.917	ug/l #	88
47) Bromodichloromethane	9.888	83	403003	56.140	ug/l #	94
48) Methyl methacrylate	9.682	41	232813	52.115	ug/l #	82
49) 1,4-Dioxane	9.694	88	113323	1055.590	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	1575011	266.503	ug/l	90
52) Toluene	10.629	92	686304	54.127	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	413971	53.405	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	445796	53.640	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	277378	54.359	ug/l	92
56) Ethyl methacrylate	10.876	69	396617	51.981	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	458095	54.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	846878	263.761	ug/l #	84
59) 2-Hexanone	11.200	43	1167668	267.235	ug/l	90
60) Dibromochloromethane	11.359	129	314328	56.012	ug/l	97
61) 1,2-Dibromoethane	11.471	107	288930	55.538	ug/l	98
64) Tetrachloroethene	11.106	164	287503	51.783	ug/l	88
65) Chlorobenzene	11.894	112	743653	54.159	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	290019	56.988	ug/l	98
67) Ethyl Benzene	11.965	91	1317146	55.222	ug/l	96
68) m/p-Xylenes	12.070	106	1043629	116.716	ug/l	92
69) o-Xylene	12.400	106	501221	57.098	ug/l	93
70) Styrene	12.412	104	846892	59.819	ug/l	95
71) Bromoform	12.582	173	222596	58.207	ug/l #	99
73) Isopropylbenzene	12.694	105	1313653	53.516	ug/l	98
74) N-amyl acetate	12.494	43	470535	52.969	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	381062	52.799	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	344034m	49.944	ug/l	
77) Bromobenzene	12.982	156	311802	51.420	ug/l	69
78) n-propylbenzene	13.035	91	1551977	53.537	ug/l	95
79) 2-Chlorotoluene	13.129	91	918652	52.948	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	1124278	55.452	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	132763	52.083	ug/l	97
82) 4-Chlorotoluene	13.223	91	911757	53.302	ug/l	92
83) tert-Butylbenzene	13.441	119	949235	54.293	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	1126822	55.298	ug/l	95
85) sec-Butylbenzene	13.617	105	1380918	55.251	ug/l	93
86) p-Isopropyltoluene	13.729	119	1152972	56.433	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	593271	53.251	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	590279	51.169	ug/l	96
89) n-Butylbenzene	14.059	91	980853	54.141	ug/l	97
90) Hexachloroethane	14.335	117	212456	54.909	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	567314	52.906	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	75163	48.936	ug/l	63
93) 1,2,4-Trichlorobenzene	15.394	180	308811	49.806	ug/l	98
94) Hexachlorobutadiene	15.506	225	123324	45.333	ug/l	98
95) Naphthalene	15.641	128	1079749	53.744	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	319147	51.173	ug/l	99

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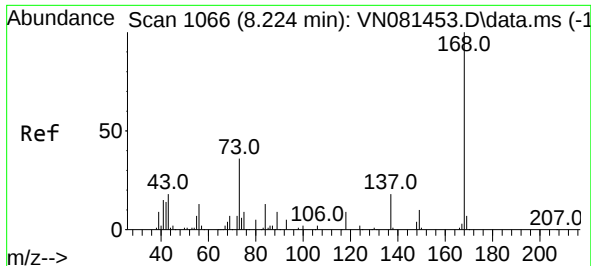
Manual Integrations
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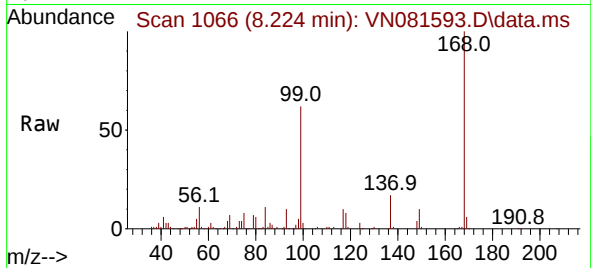
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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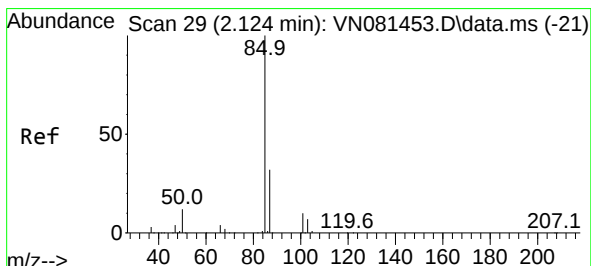
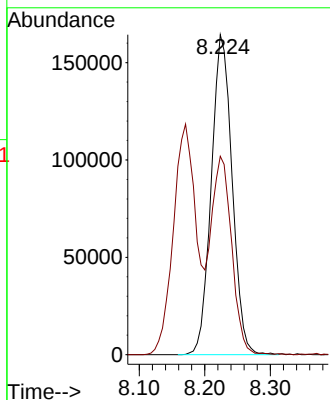
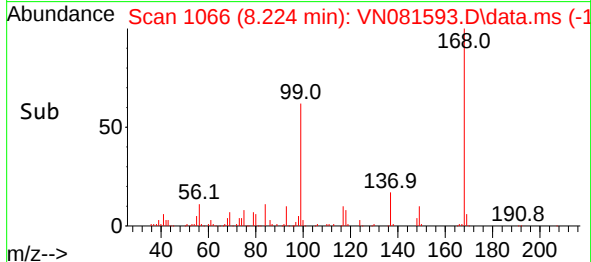
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 361808
Ion Ratio Lower Upper
168 100
99 61.7 59.9 89.9

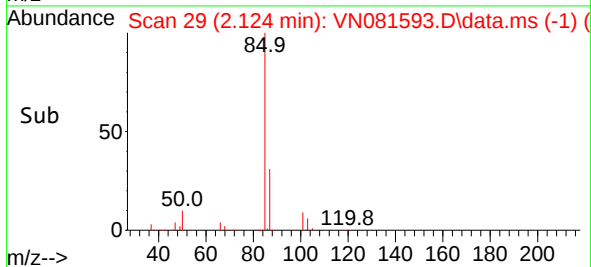
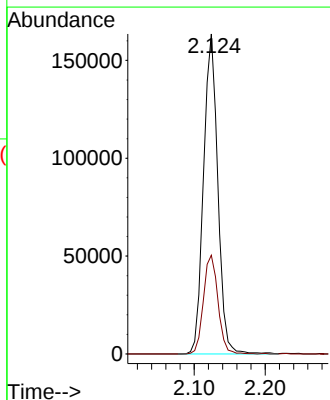
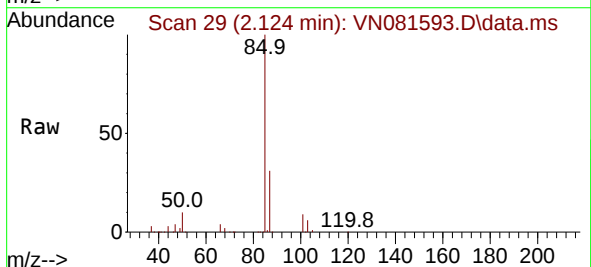
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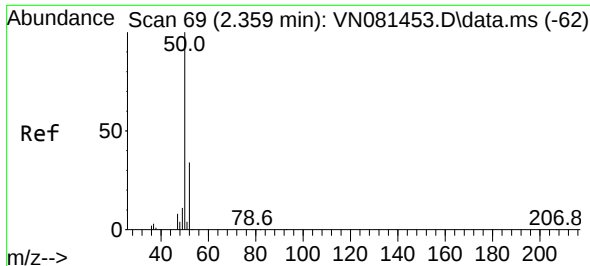
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#2
Dichlorodifluoromethane
Concen: 46.993 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

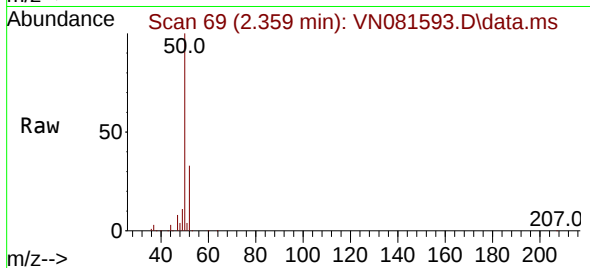
Tgt Ion: 85 Resp: 228939
Ion Ratio Lower Upper
85 100
87 30.8 15.3 45.9





#3
Chloromethane
Concen: 46.483 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

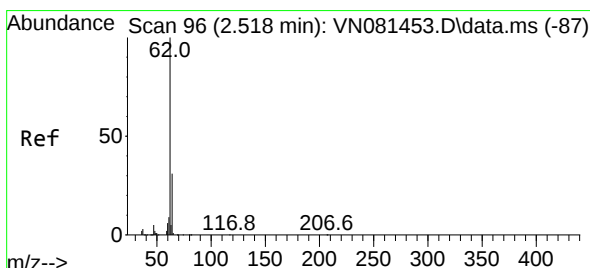
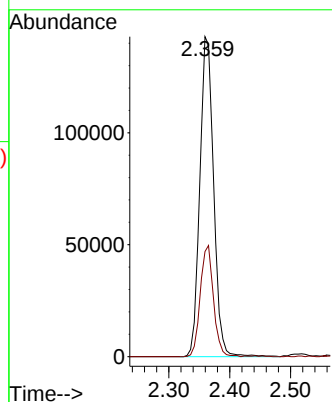
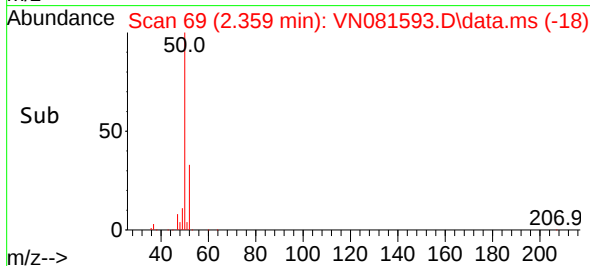
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Tgt Ion: 50 Resp: 22546
Ion Ratio Lower Upper
50 100
52 32.9 25.0 37.4

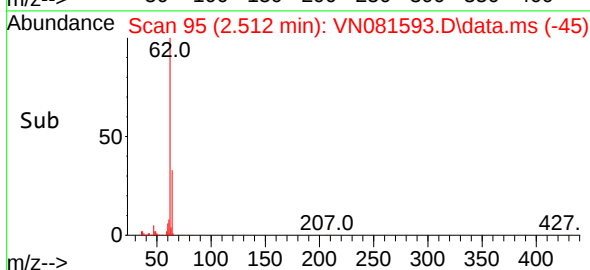
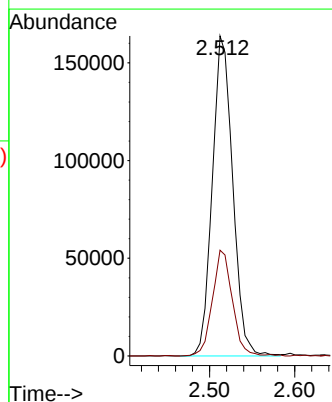
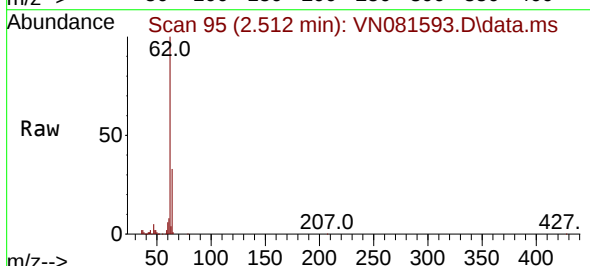
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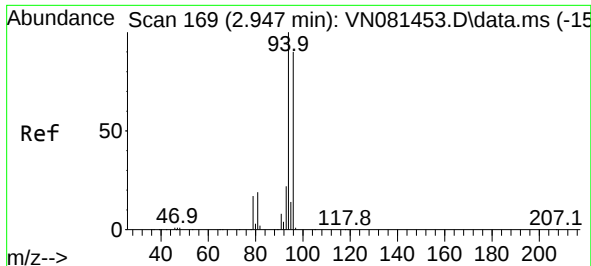
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#4
Vinyl Chloride
Concen: 50.120 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Tgt Ion: 62 Resp: 272832
Ion Ratio Lower Upper
62 100
64 33.1 22.7 34.1





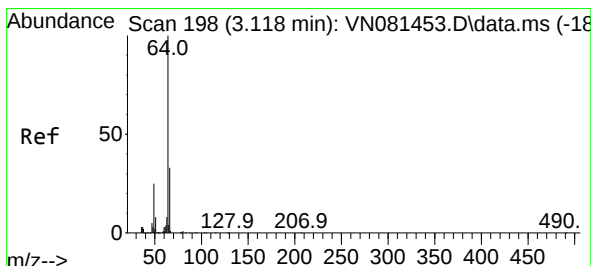
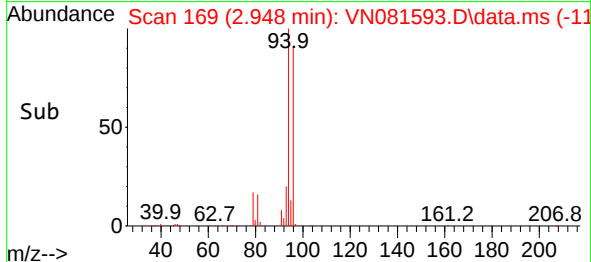
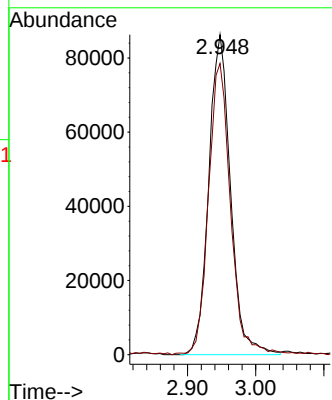
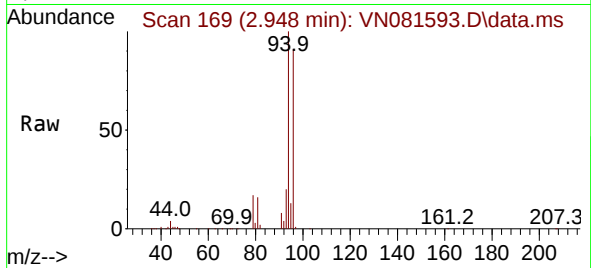
#5
Bromomethane
Concen: 49.827 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

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Tgt Ion: 94 Resp: 19182
Ion Ratio Lower Upper
94 100
96 90.5 69.2 103.8

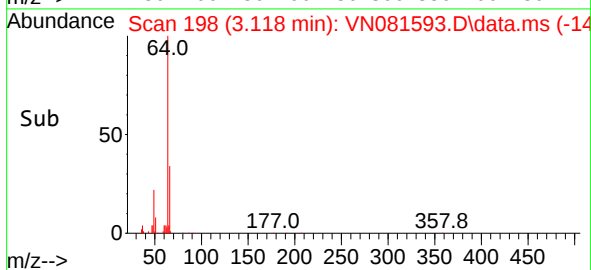
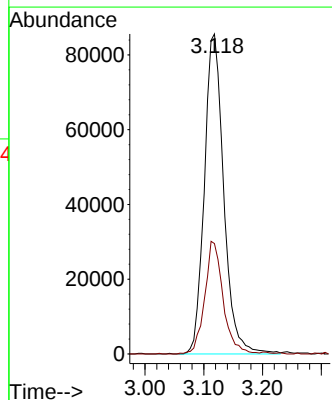
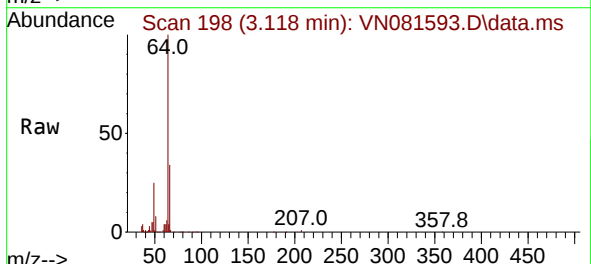
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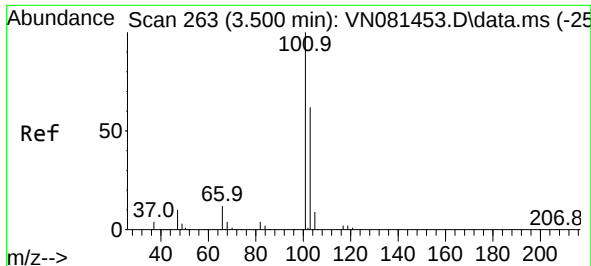
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#6
Chloroethane
Concen: 52.571 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Tgt Ion: 64 Resp: 196488
Ion Ratio Lower Upper
64 100
66 34.3 26.4 39.6





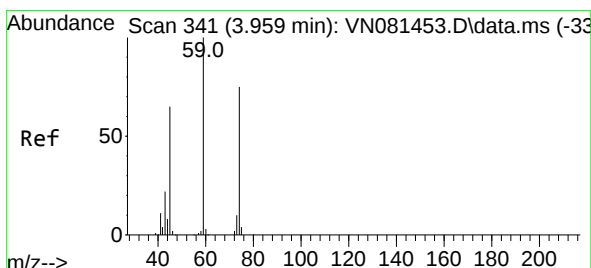
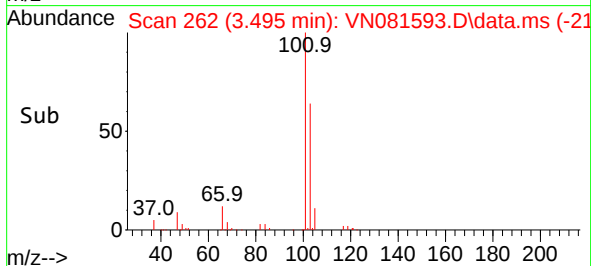
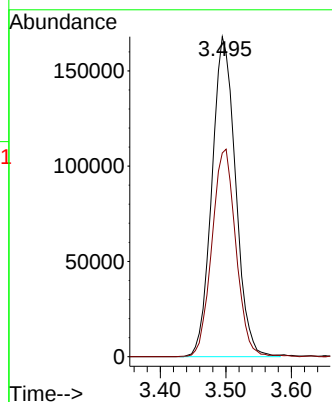
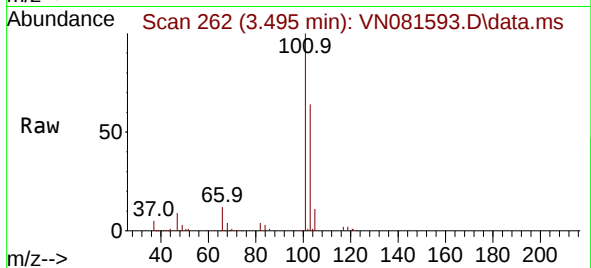
#7
 Trichlorofluoromethane
 Concen: 51.851 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN081593.D
 Acq: 27 Mar 2024 18:20

Instrument :
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Tgt Ion:101 Resp: 42066
 Ion Ratio Lower Upper
 101 100
 103 63.5 54.4 81.6

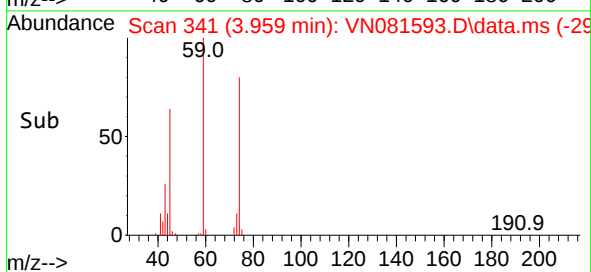
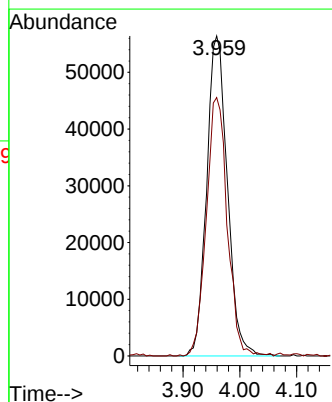
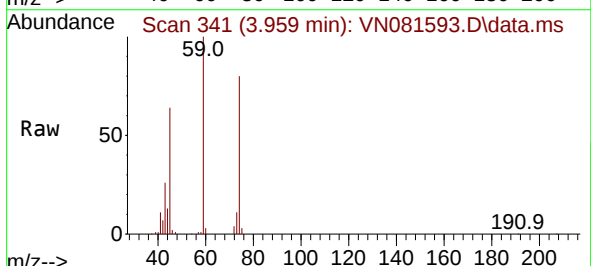
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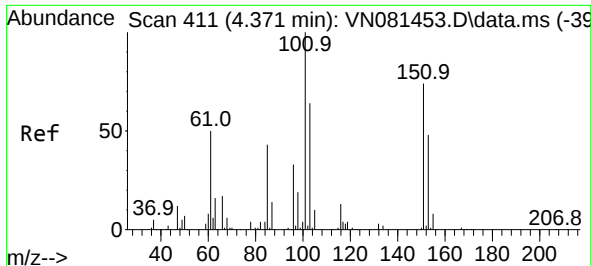
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#8
 Diethyl Ether
 Concen: 53.102 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN081593.D
 Acq: 27 Mar 2024 18:20

Tgt Ion: 74 Resp: 142574
 Ion Ratio Lower Upper
 74 100
 45 82.0 53.3 159.9





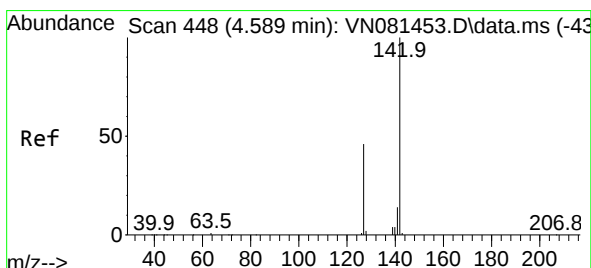
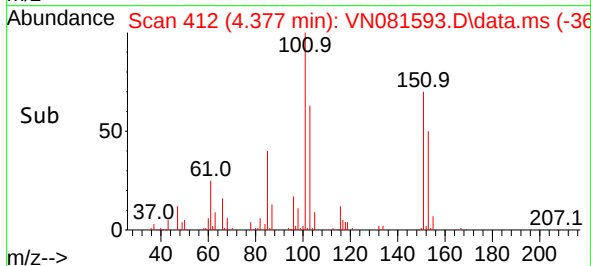
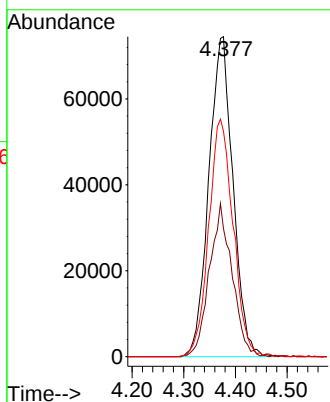
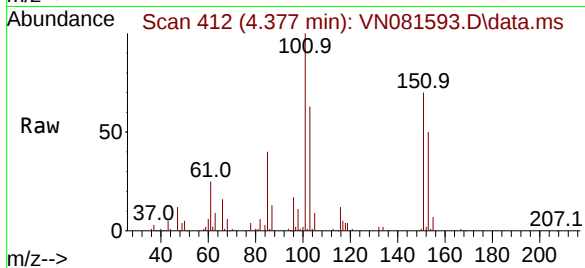
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.385 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 24148
Ion Ratio Lower Upper
101 100
85 45.0 38.1 57.1
151 75.3 49.1 73.7

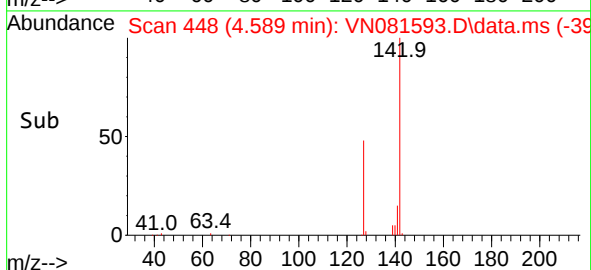
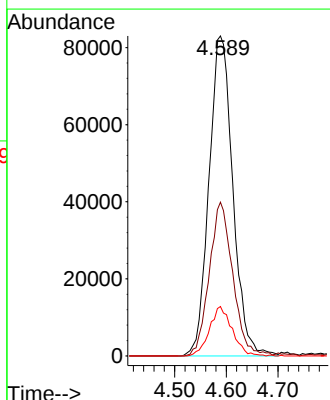
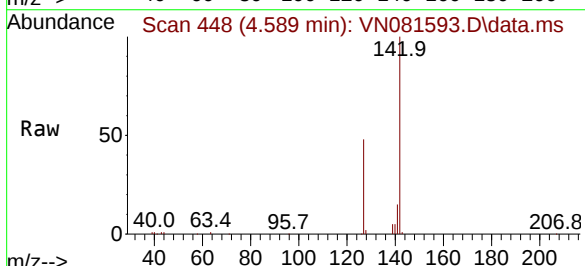
Manual Integrations
APPROVED

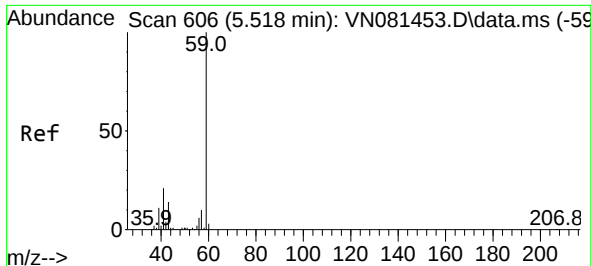
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#10
Methyl Iodide
Concen: 57.980 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

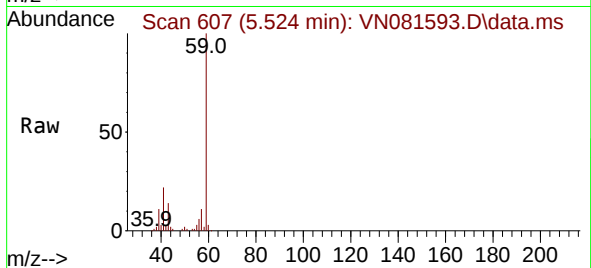
Tgt Ion:142 Resp: 266163
Ion Ratio Lower Upper
142 100
127 48.0 37.0 55.4
141 15.5 12.5 18.7





#11
Tert butyl alcohol
Concen: 321.295 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

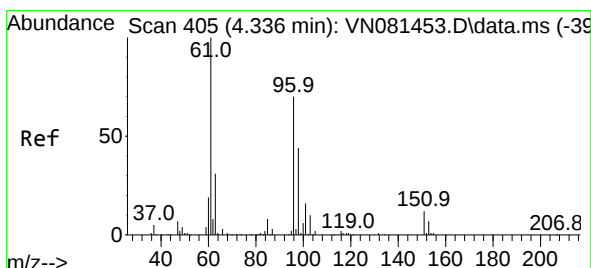
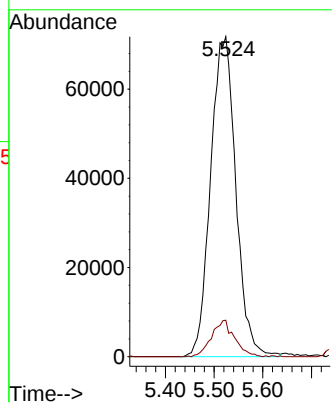
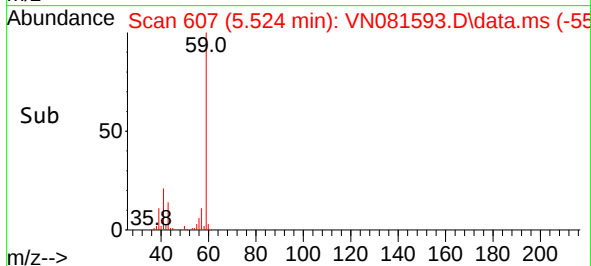
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 258349
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

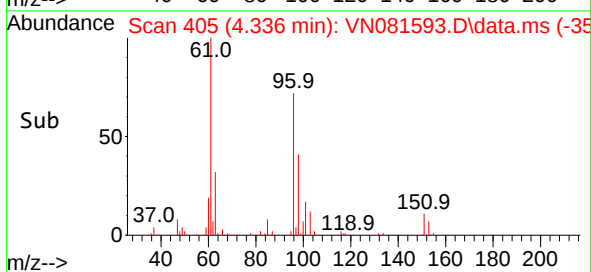
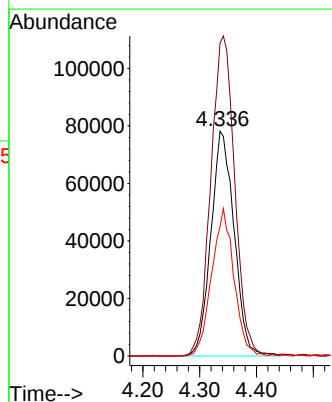
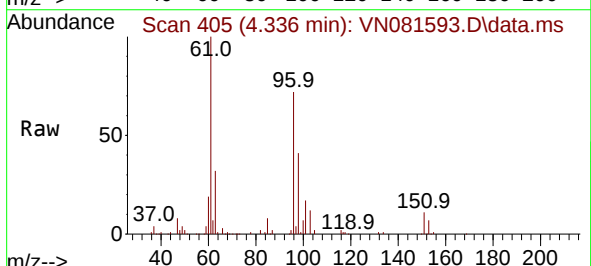
Manual Integrations
APPROVED

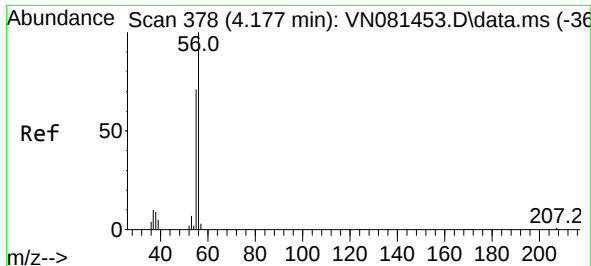
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#12
1,1-Dichloroethene
Concen: 51.901 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Tgt Ion: 96 Resp: 221614
Ion Ratio Lower Upper
96 100
61 139.3 138.2 207.4
98 57.5 49.2 73.8





#13

Acrolein

Concen: 276.339 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081593.D

Acq: 27 Mar 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 19938

Ion Ratio Lower Upper

56 100

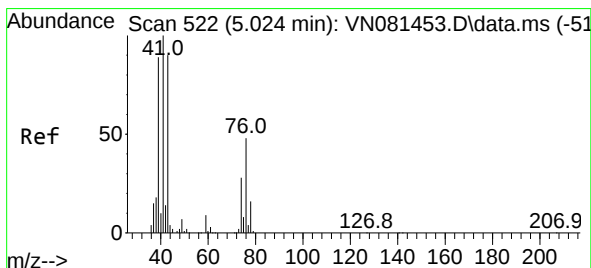
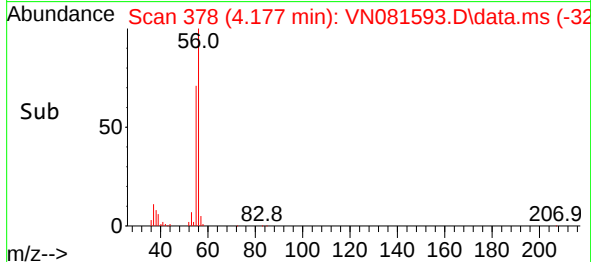
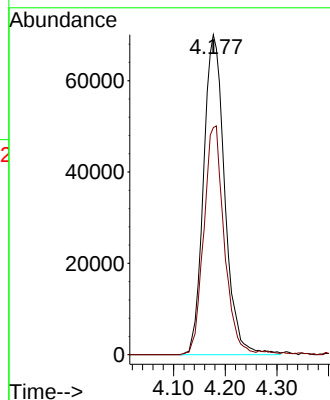
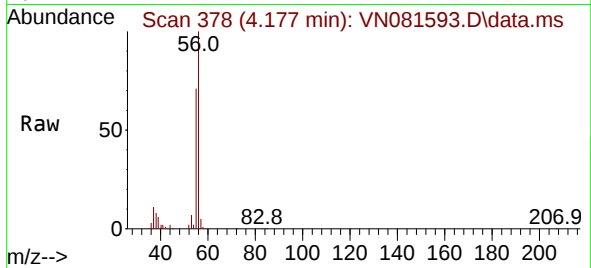
55 68.8 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#14

Allyl chloride

Concen: 51.629 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN081593.D

Acq: 27 Mar 2024 18:20

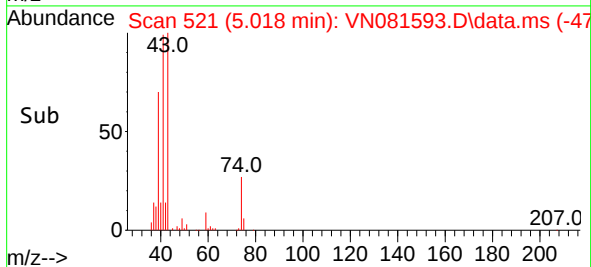
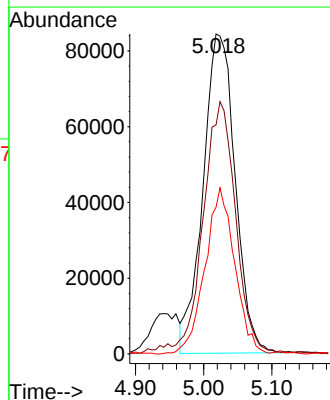
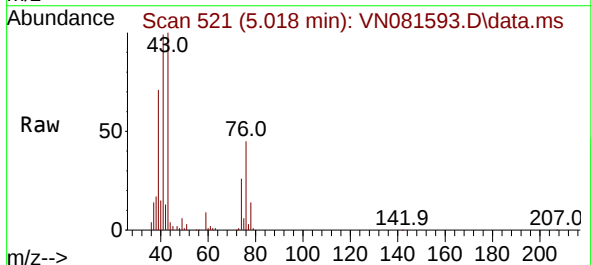
Tgt Ion: 41 Resp: 276242

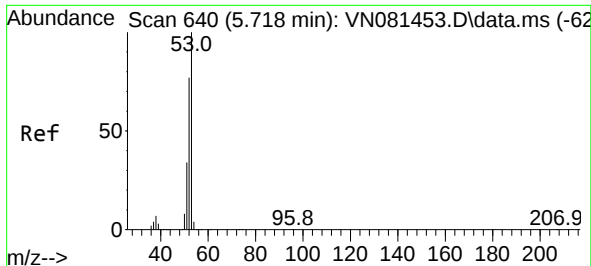
Ion Ratio Lower Upper

41 100

39 81.2 57.7 86.5

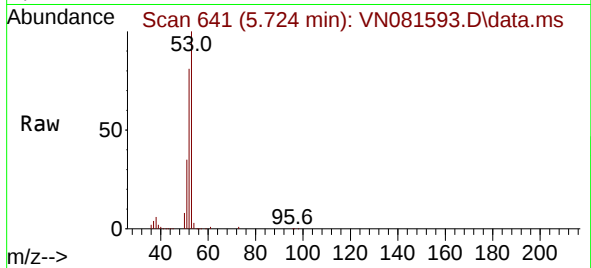
76 48.1 26.8 40.2#





#15
Acrylonitrile
Concen: 272.902 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

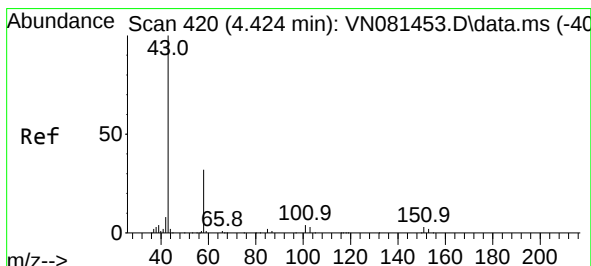
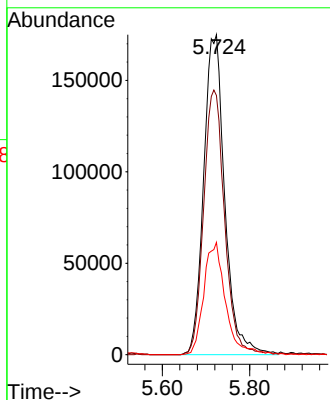
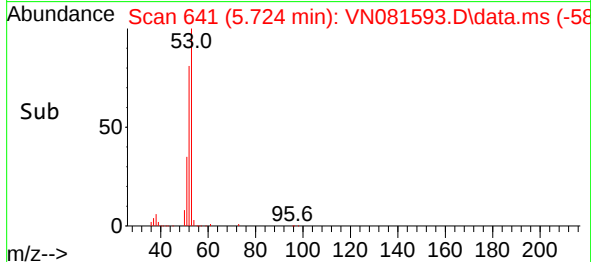
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 58704
Ion Ratio Lower Upper
53 100
52 82.1 64.8 97.2
51 36.1 26.9 40.3

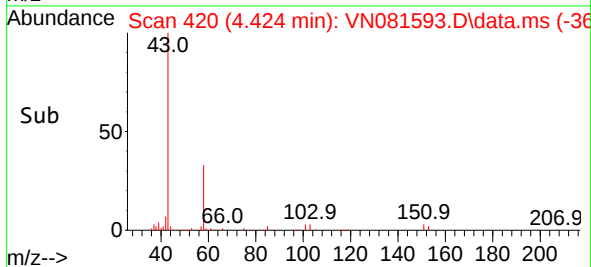
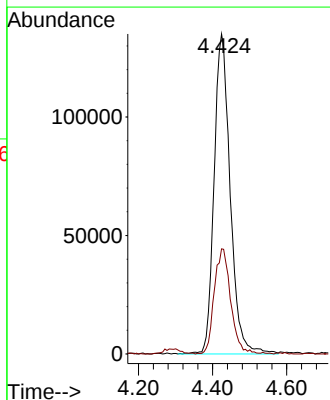
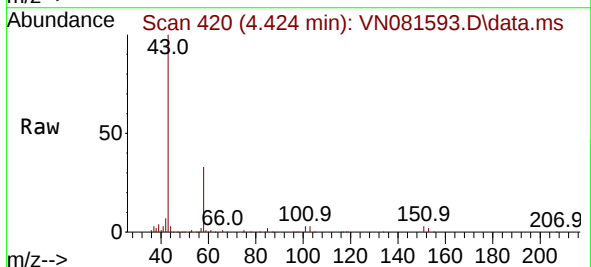
Manual Integrations
APPROVED

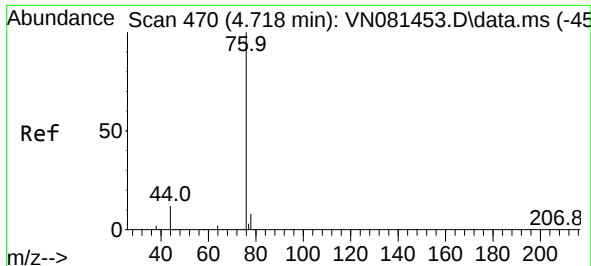
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#16
Acetone
Concen: 273.005 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

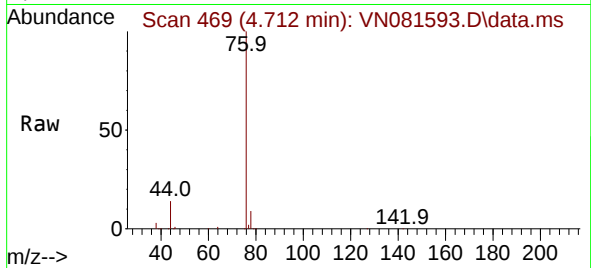
Tgt Ion: 43 Resp: 407088
Ion Ratio Lower Upper
43 100
58 32.6 24.8 37.2





#17
Carbon Disulfide
Concen: 44.312 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

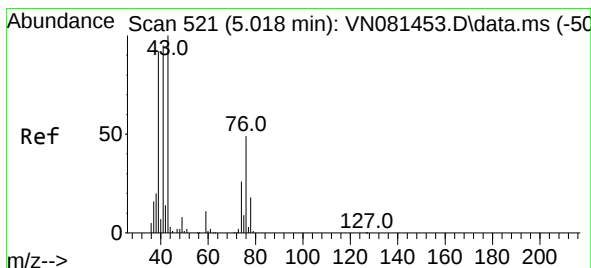
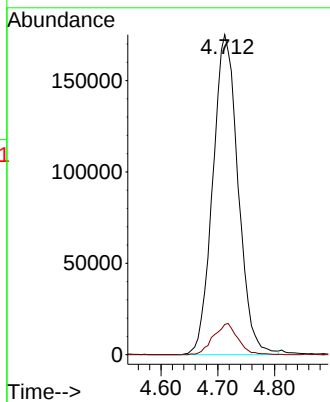
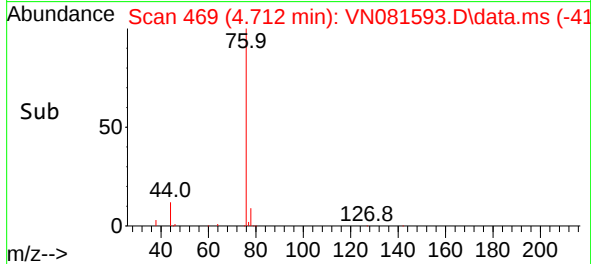
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 542973
Ion Ratio Lower Upper
76 100
78 9.5 6.3 9.5

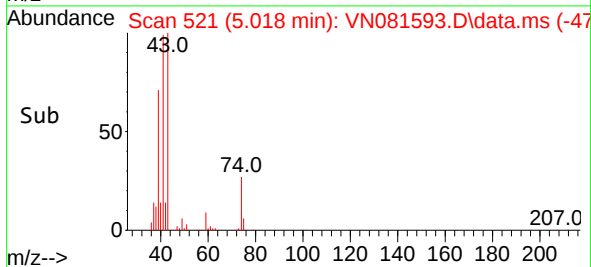
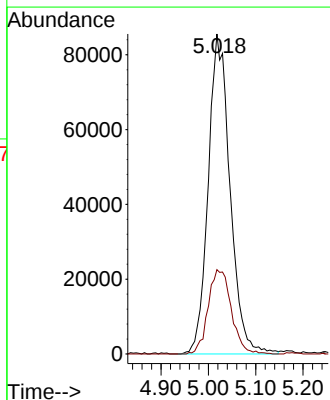
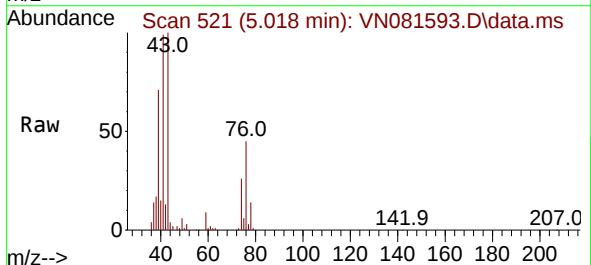
Manual Integrations
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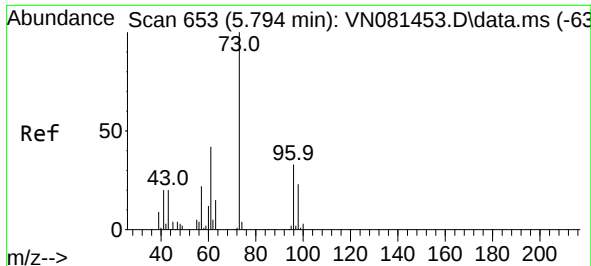
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#18
Methyl Acetate
Concen: 59.553 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Tgt Ion: 43 Resp: 273773
Ion Ratio Lower Upper
43 100
74 27.9 17.3 25.9





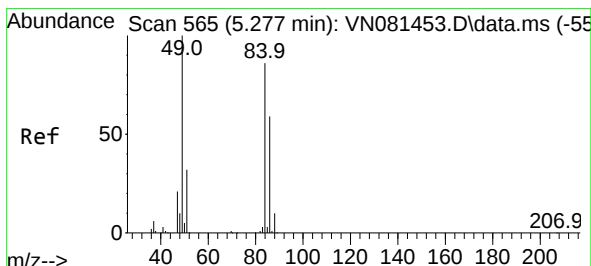
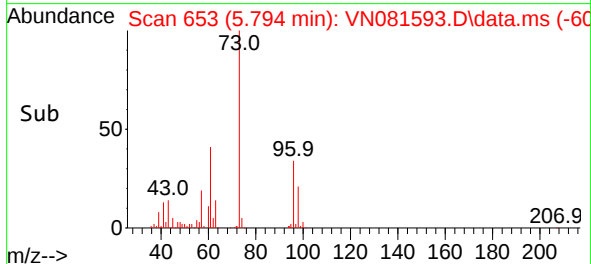
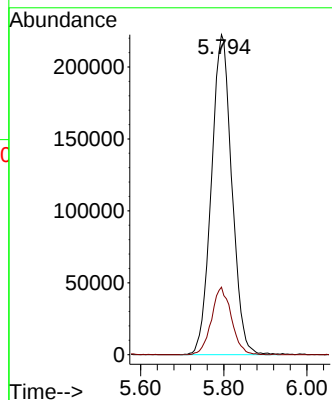
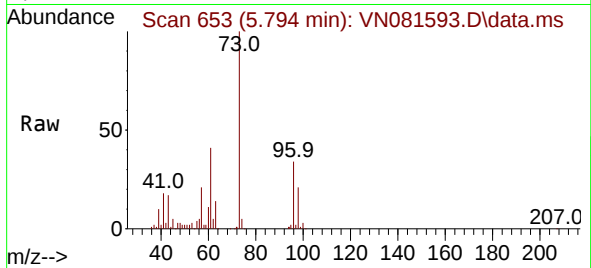
#19
Methyl tert-butyl Ether
Concen: 56.876 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 760048
Ion Ratio Lower Upper
73 100
57 21.1 18.2 27.4

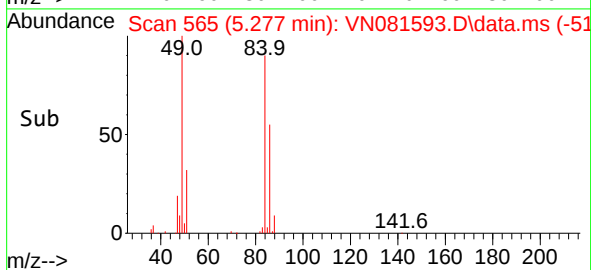
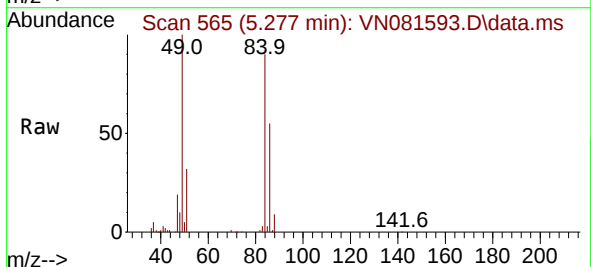
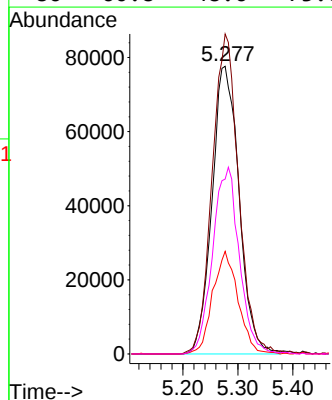
Manual Integrations
APPROVED

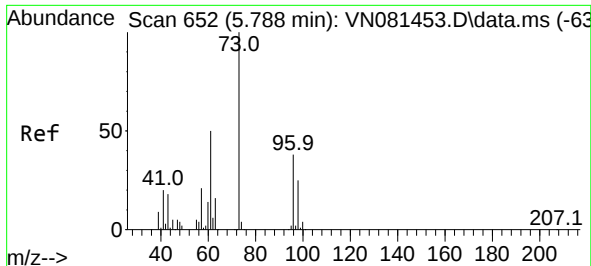
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#20
Methylene Chloride
Concen: 54.327 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

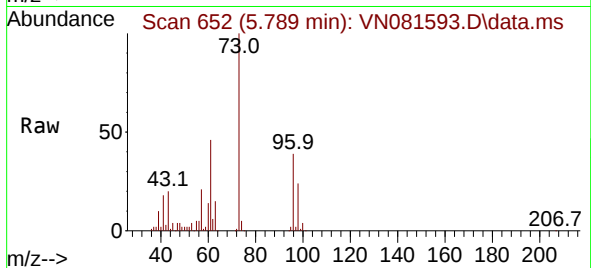
Tgt Ion: 84 Resp: 265362
Ion Ratio Lower Upper
84 100
49 111.2 108.1 162.1
51 35.6 32.9 49.3
86 60.8 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 51.652 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

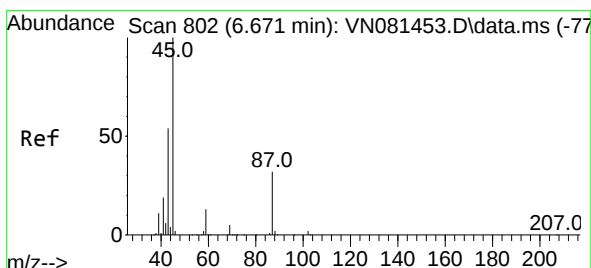
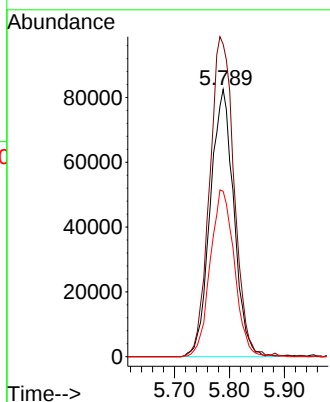
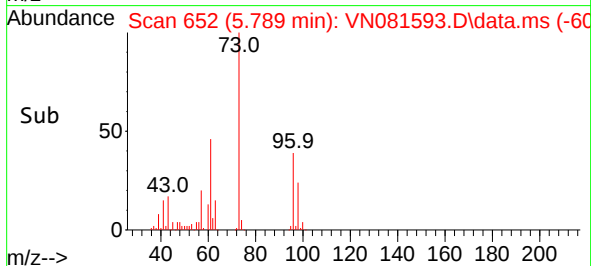
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 245909
Ion Ratio Lower Upper
96 100
61 117.0 112.8 169.2
98 61.9 51.0 76.4

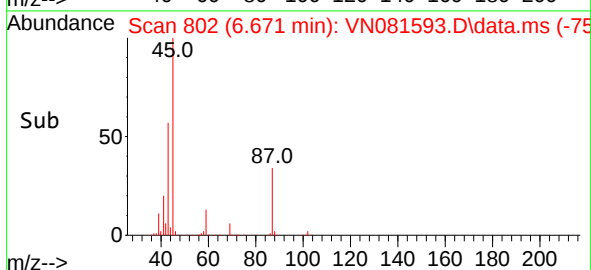
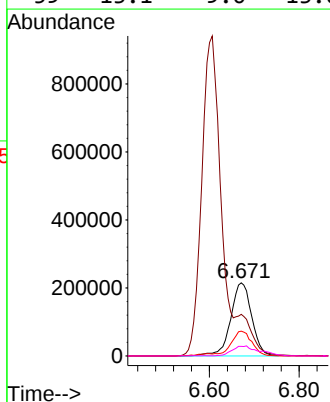
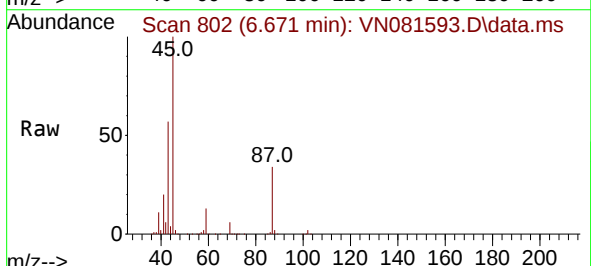
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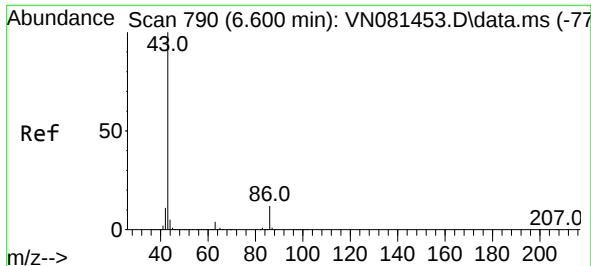
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#22
Diisopropyl ether
Concen: 56.287 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Tgt Ion: 45 Resp: 699764
Ion Ratio Lower Upper
45 100
43 56.5 41.8 62.8
87 33.7 18.1 27.1#
59 13.1 9.0 13.6





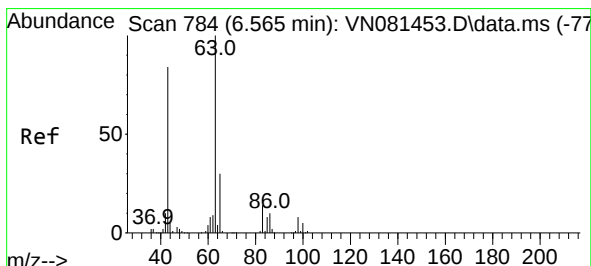
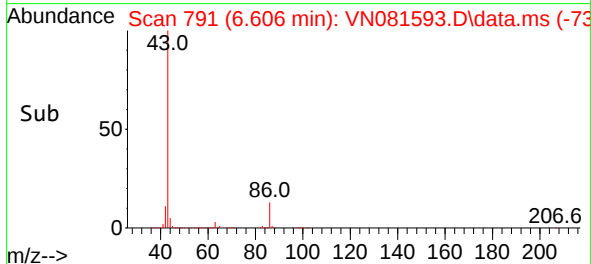
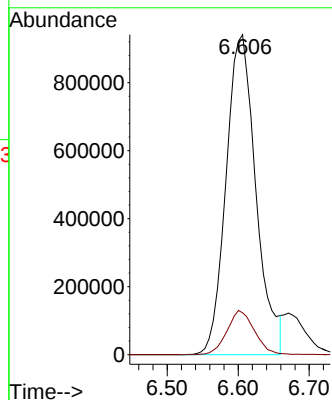
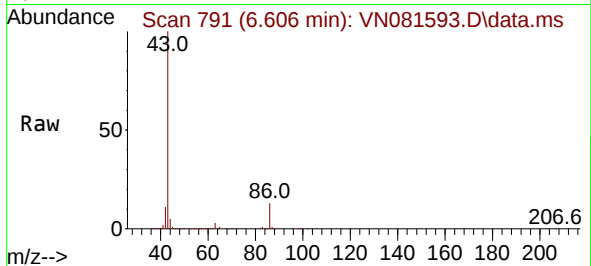
#23
 Vinyl Acetate
 Concen: 278.591 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081593.D
 Acq: 27 Mar 2024 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2756814
 Ion Ratio Lower Upper
 43 100
 86 13.1 7.1 10.7

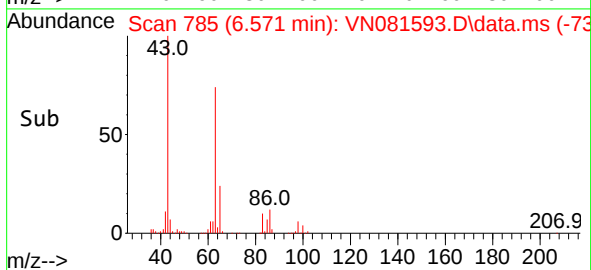
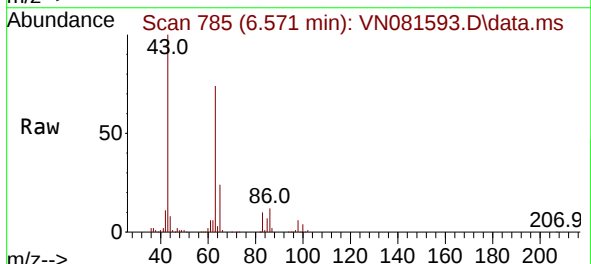
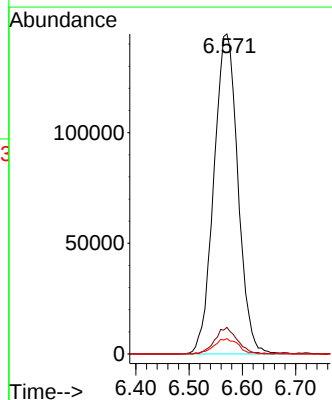
Manual Integrations
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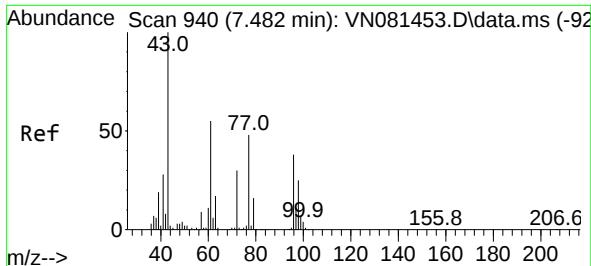
Reviewed By :John Carlone 03/28/2024
 Supervised By :Mahesh Dadoda 03/28/2024



#24
 1,1-Dichloroethane
 Concen: 54.526 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081593.D
 Acq: 27 Mar 2024 18:20

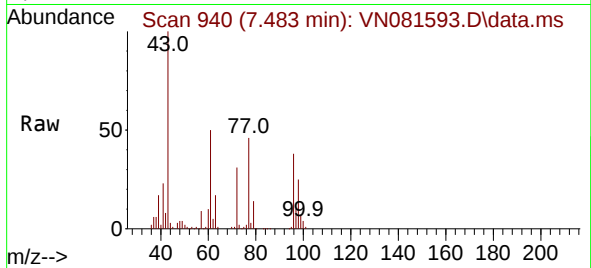
Tgt Ion: 63 Resp: 454017
 Ion Ratio Lower Upper
 63 100
 98 8.3 2.9 8.6
 100 4.8 1.9 5.7





#25
2-Butanone
Concen: 273.047 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

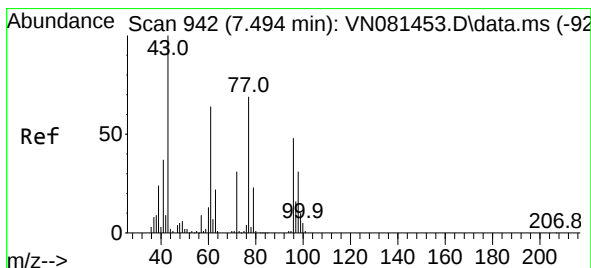
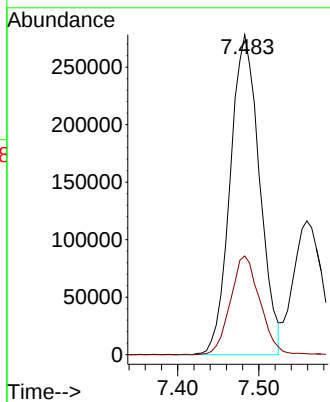
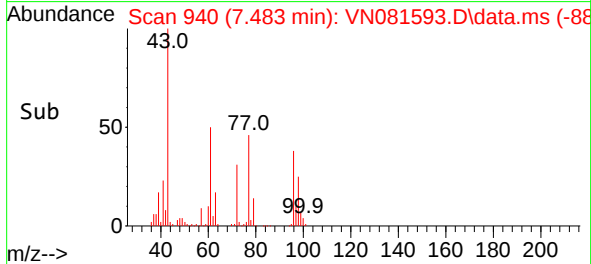
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



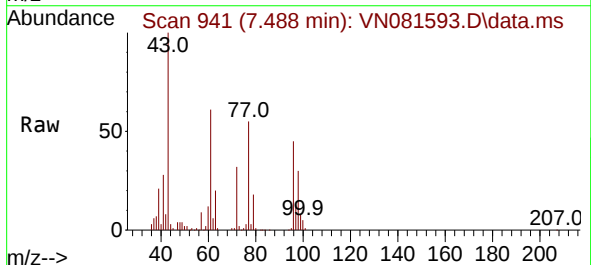
Tgt Ion: 43 Resp: 69834
Ion Ratio Lower Upper
43 100
72 30.9 19.5 29.3

Manual Integrations
APPROVED

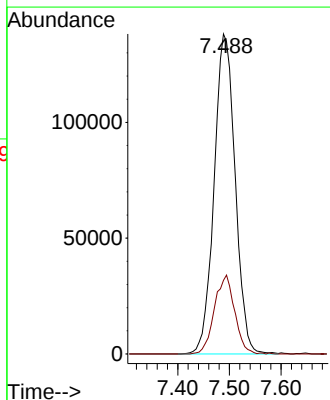
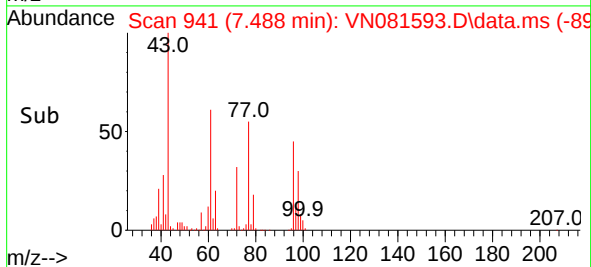
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

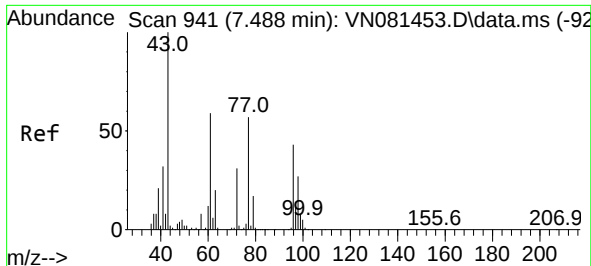


#26
2,2-Dichloropropane
Concen: 54.094 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20



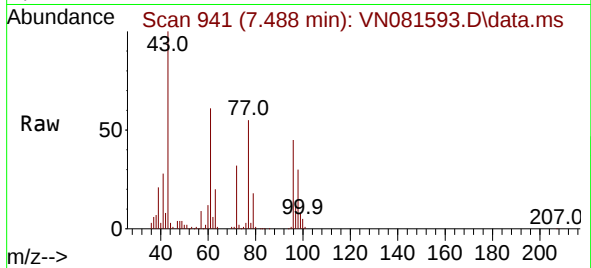
Tgt Ion: 77 Resp: 390669
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 54.824 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081593.D
 Acq: 27 Mar 2024 18:20

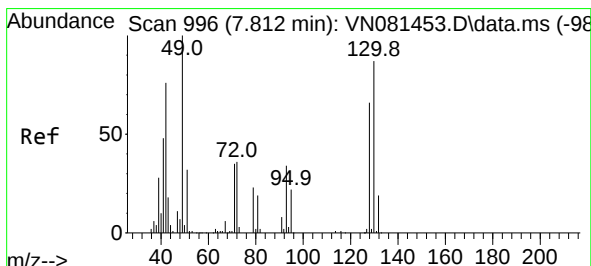
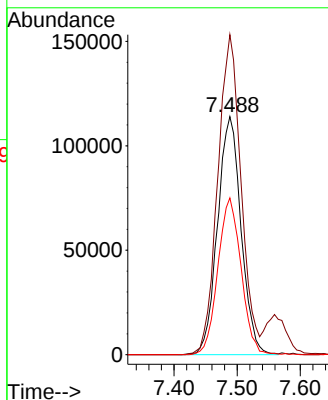
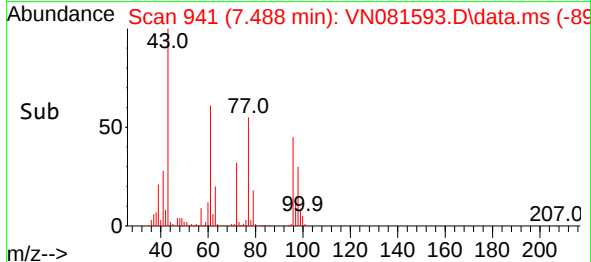
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 295324
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 325.4
 98 64.8 0.0 130.4

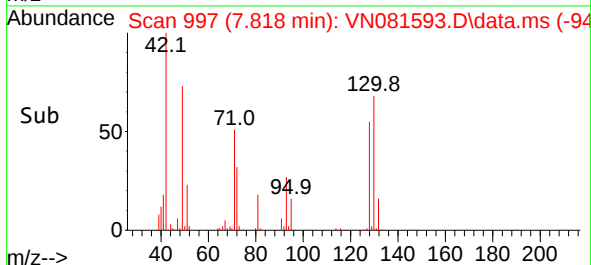
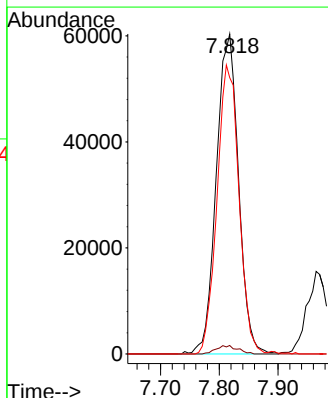
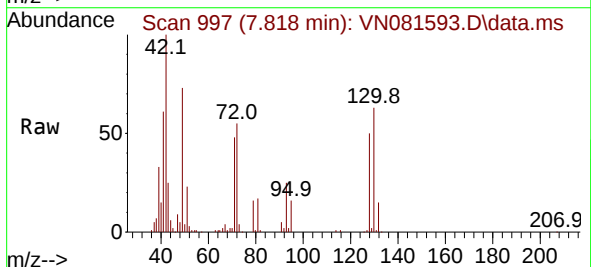
Manual Integrations
 APPROVED

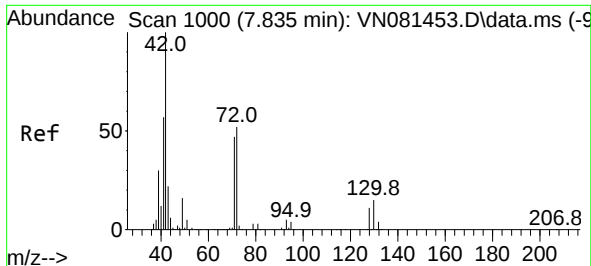
Reviewed By :John Carlone 03/28/2024
 Supervised By :Mahesh Dadoda 03/28/2024



#28
 Bromochloromethane
 Concen: 46.735 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081593.D
 Acq: 27 Mar 2024 18:20

Tgt Ion: 49 Resp: 158505
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 1.6#
 130 89.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 269.473 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081593.D

Acq: 27 Mar 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 464295

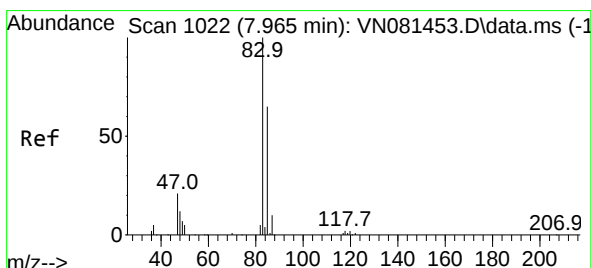
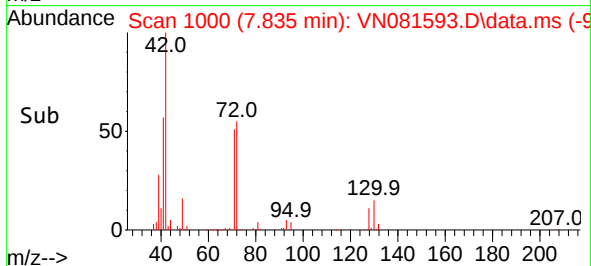
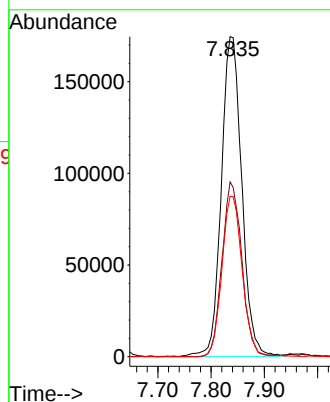
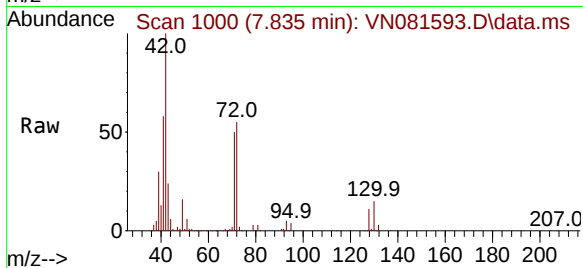
Ion	Ratio	Lower	Upper
42	100		
72	53.0	31.1	46.7
71	49.8	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#30

Chloroform

Concen: 55.820 ug/l

RT: 7.965 min Scan# 1022

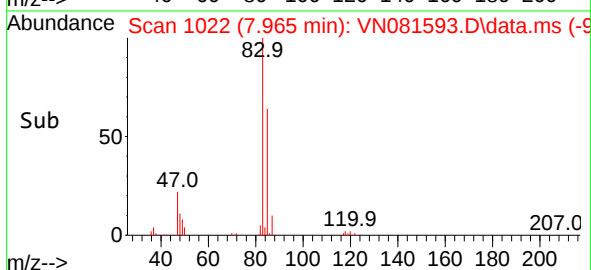
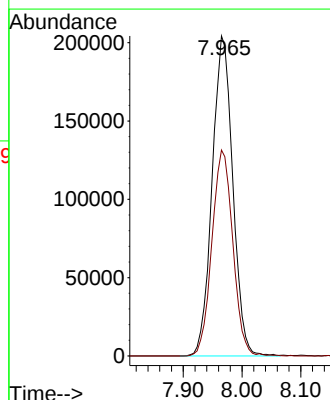
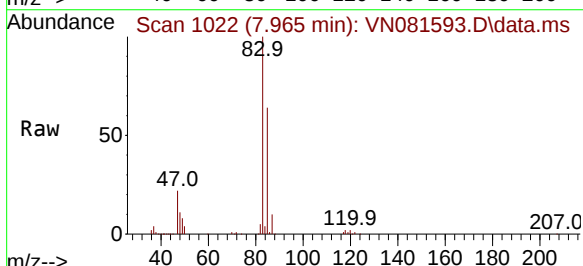
Delta R.T. 0.000 min

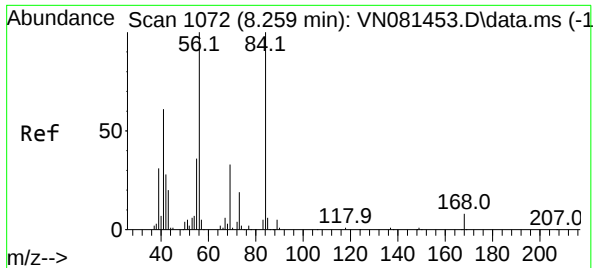
Lab File: VN081593.D

Acq: 27 Mar 2024 18:20

Tgt Ion: 83 Resp: 497581

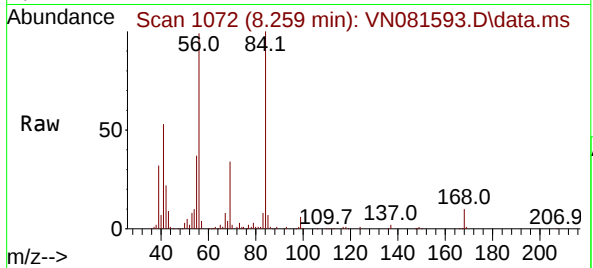
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.0	76.6





#31
Cyclohexane
Concen: 47.113 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

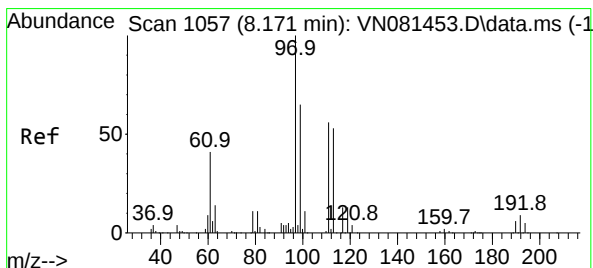
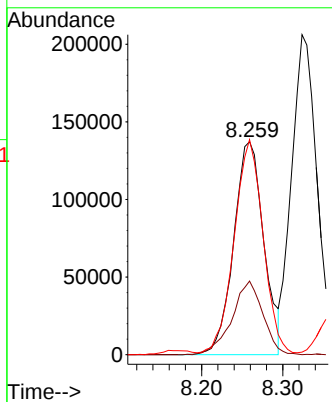
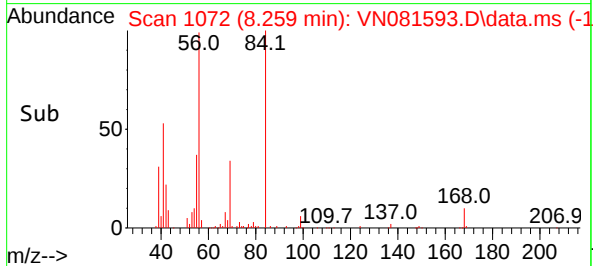
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



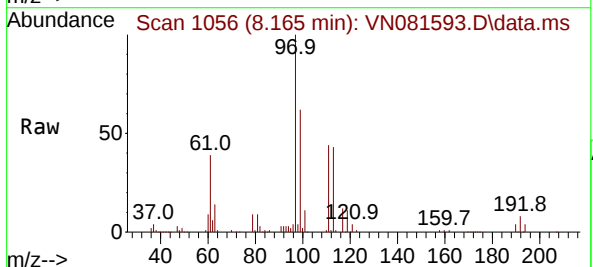
Tgt Ion: 56 Resp: 353738
Ion Ratio Lower Upper
56 100
69 34.5 20.1 30.1
84 99.1 56.9 85.3

Manual Integrations
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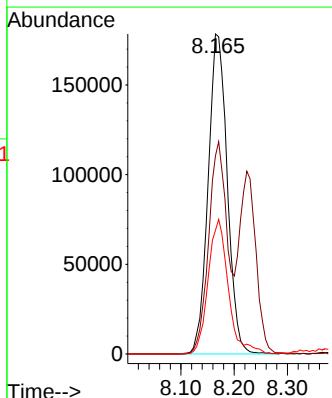
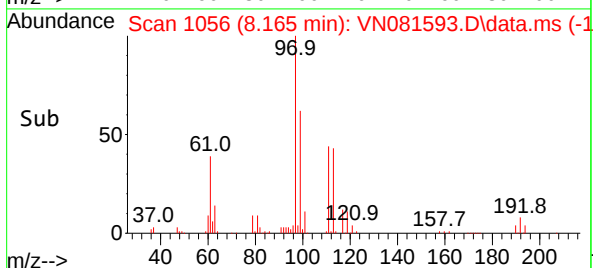
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

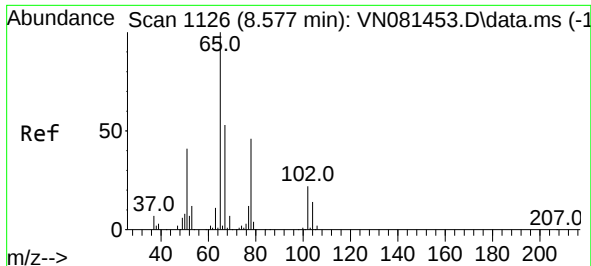


#32
1,1,1-Trichloroethane
Concen: 55.109 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20



Tgt Ion: 97 Resp: 445686
Ion Ratio Lower Upper
97 100
99 65.5 53.4 80.0
61 44.4 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 44.311 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081593.D

Acq: 27 Mar 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 20445

Ion Ratio Lower Upper

65 100

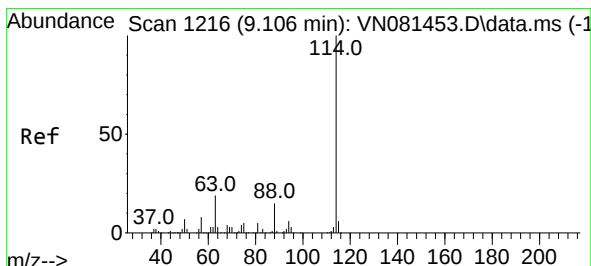
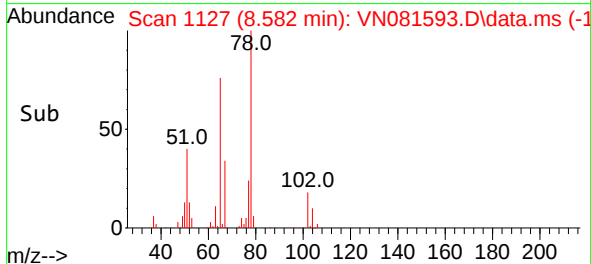
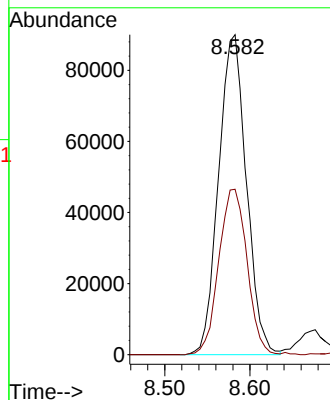
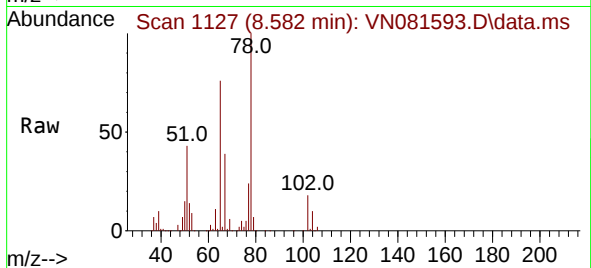
67 52.4 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081593.D

Acq: 27 Mar 2024 18:20

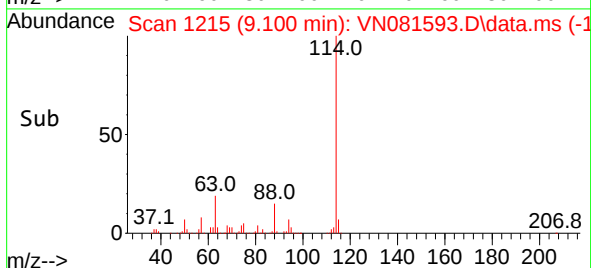
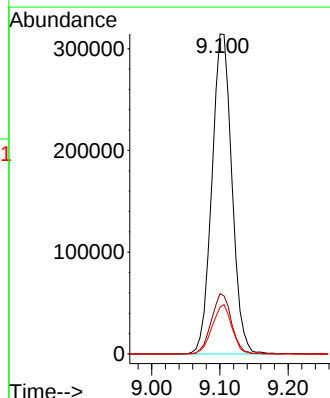
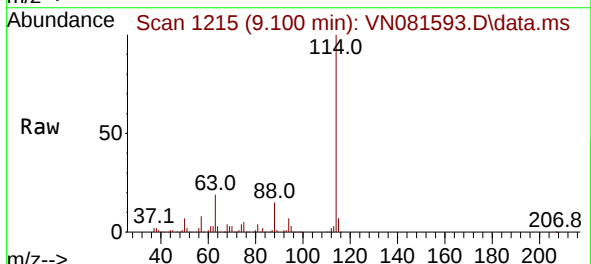
Tgt Ion:114 Resp: 642471

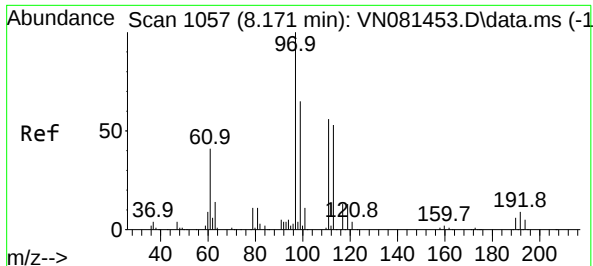
Ion Ratio Lower Upper

114 100

63 18.9 0.0 48.0

88 14.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 46.486 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081593.D

Acq: 27 Mar 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

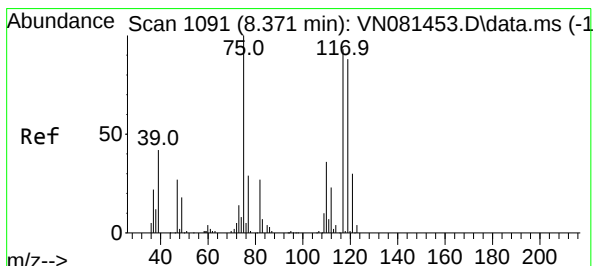
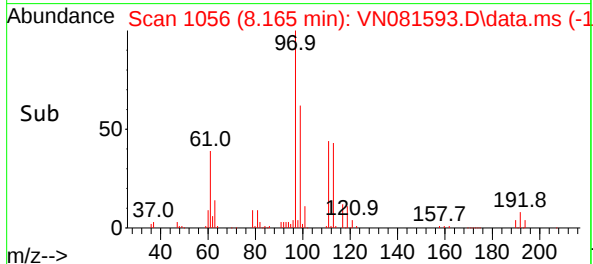
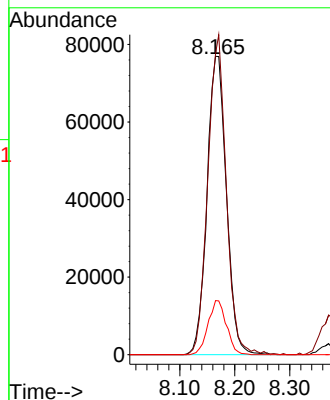
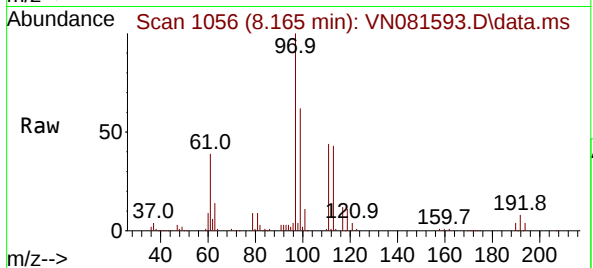
Tgt Ion:	113	Resp:	18848
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.2	123.4
192	17.1	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#36

1,1-Dichloropropene

Concen: 50.146 ug/l

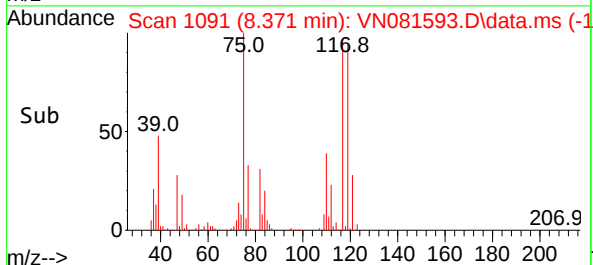
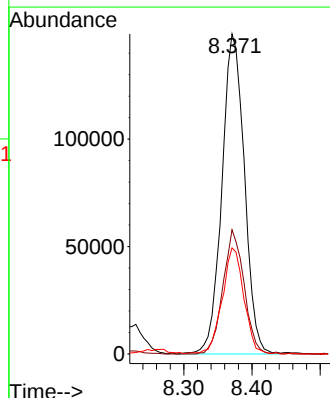
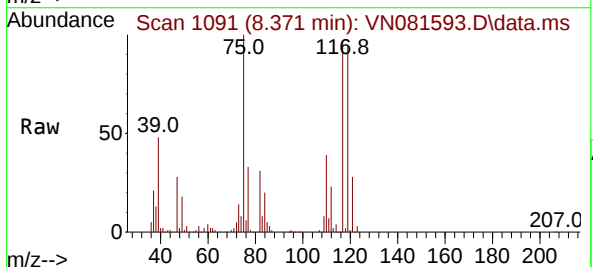
RT: 8.371 min Scan# 1091

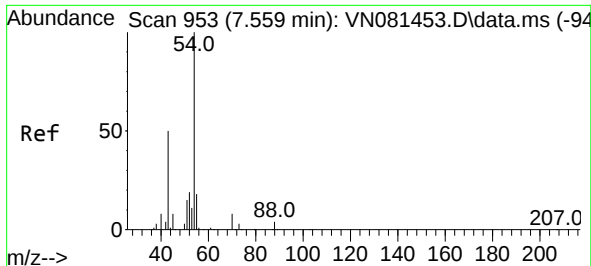
Delta R.T. 0.000 min

Lab File: VN081593.D

Acq: 27 Mar 2024 18:20

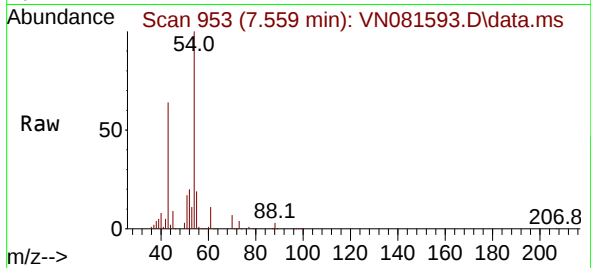
Tgt Ion:	75	Resp:	342173
Ion Ratio	Lower	Upper	
75	100		
110	36.5	16.0	48.0
77	32.0	25.8	38.6





#37
Ethyl Acetate
Concen: 51.121 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

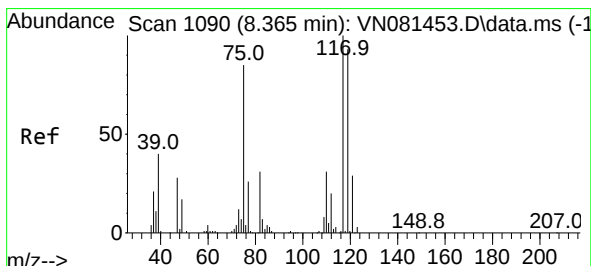
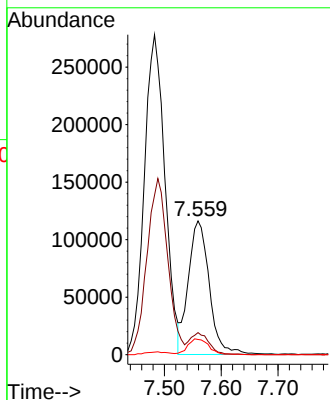
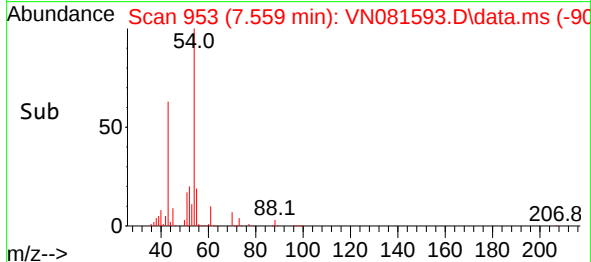
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 298698
Ion Ratio Lower Upper
43 100
61 15.1 10.6 15.8
70 11.9 8.0 12.0

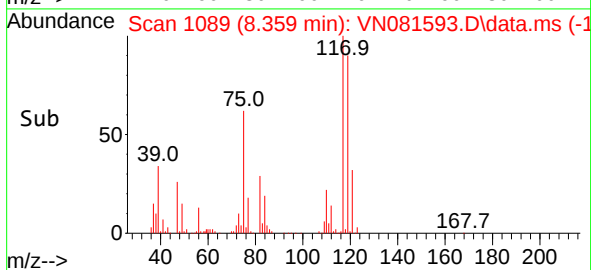
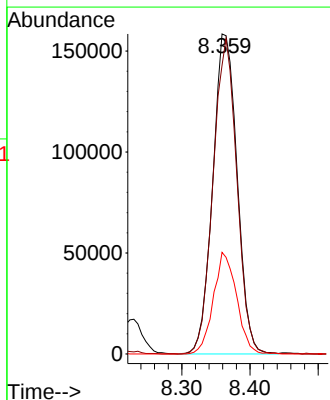
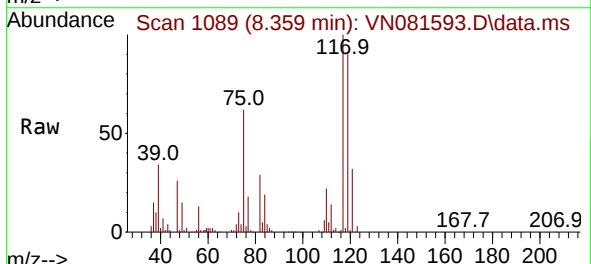
Manual Integrations
APPROVED

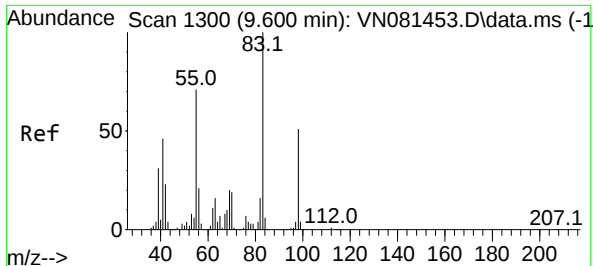
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#38
Carbon Tetrachloride
Concen: 52.729 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Tgt Ion:117 Resp: 394138
Ion Ratio Lower Upper
117 100
119 90.2 73.4 110.2
121 31.7 24.4 36.6





#39

Methylcyclohexane

Concen: 51.443 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN081593.D

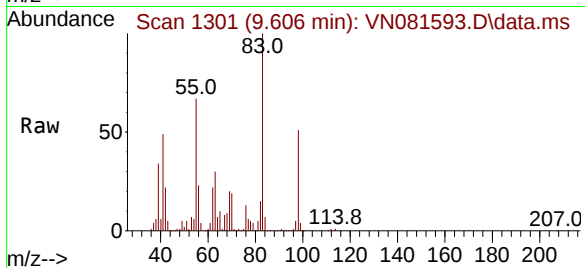
Acq: 27 Mar 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



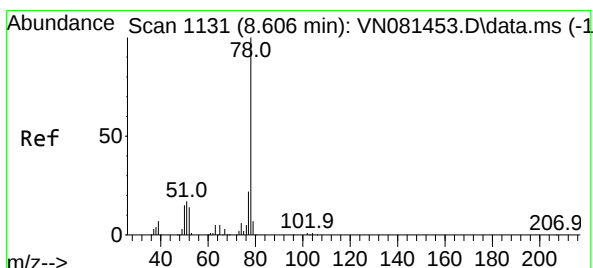
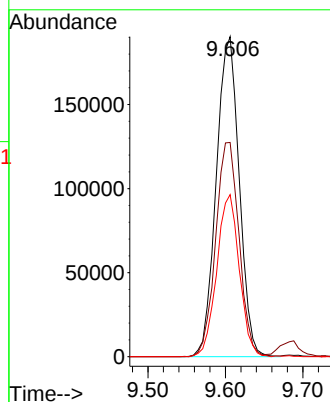
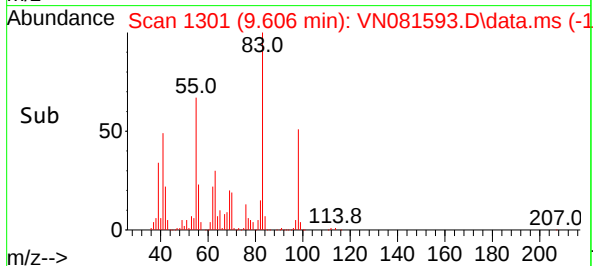
Tgt Ion:	83	Resp:	392000
Ion Ratio	Lower	Upper	
83	100		
55	67.0	65.7	98.5
98	50.6	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#40

Benzene

Concen: 53.287 ug/l

RT: 8.606 min Scan# 1131

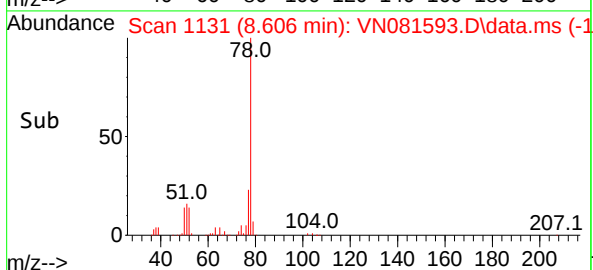
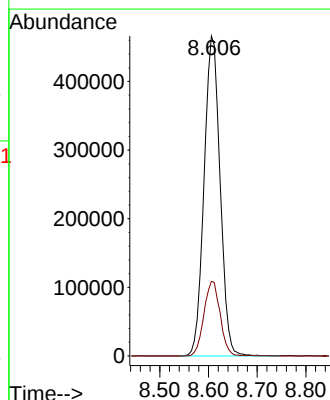
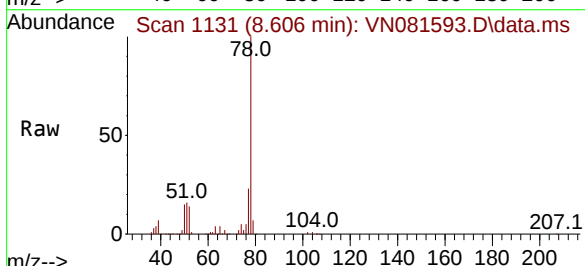
Delta R.T. 0.000 min

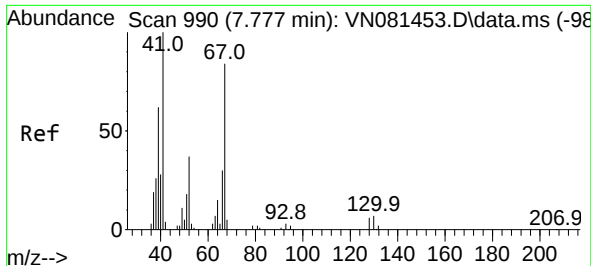
Lab File: VN081593.D

Acq: 27 Mar 2024 18:20

Tgt Ion: 78 Resp: 1063019

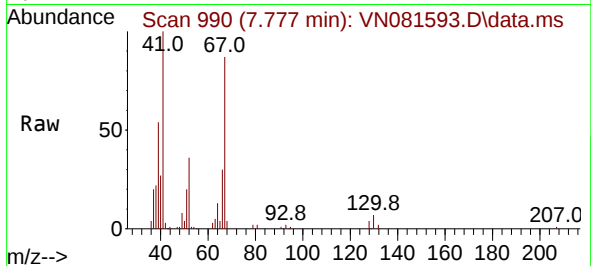
Ion Ratio	Lower	Upper
78	100	
77	23.3	20.4 30.6





#41
Methacrylonitrile
Concen: 53.660 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

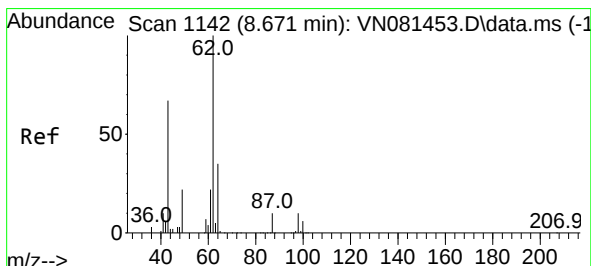
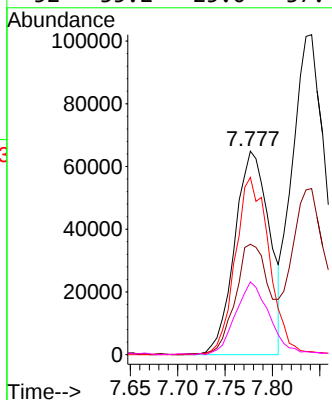
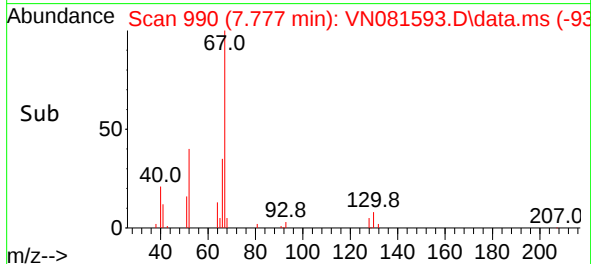
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 165810
Ion Ratio Lower Upper
41 100
39 53.8 48.4 72.6
67 85.4 56.8 85.2
52 35.2 25.0 37.4

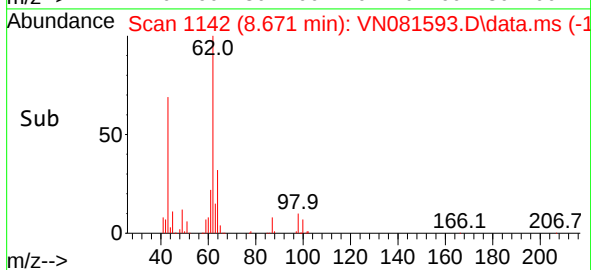
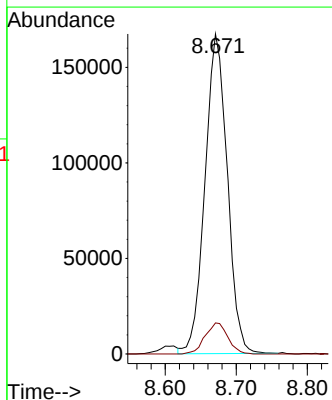
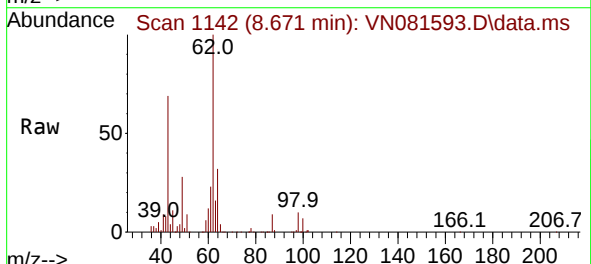
Manual Integrations
APPROVED

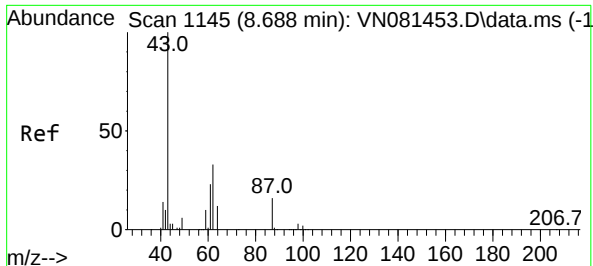
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#42
1,2-Dichloroethane
Concen: 51.972 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

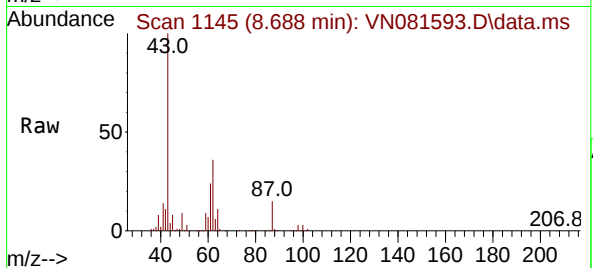
Tgt Ion: 62 Resp: 364870
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.0





#43
Isopropyl Acetate
Concen: 67.682 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

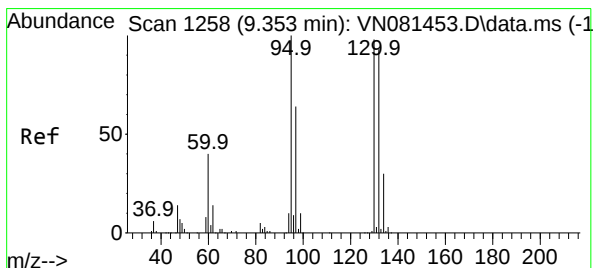
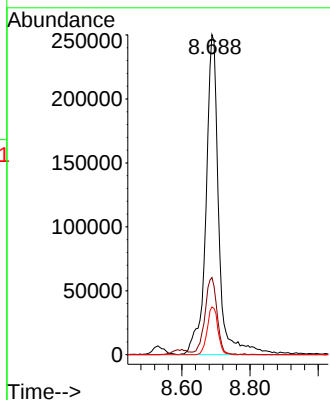
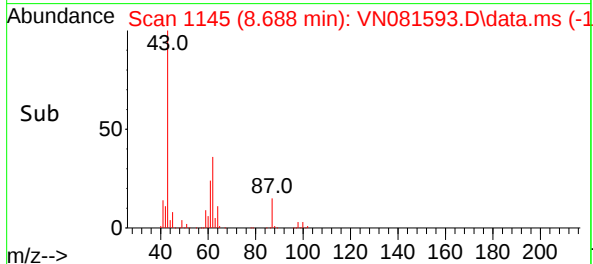
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 65551
Ion Ratio Lower Upper
43 100
61 22.8 19.9 29.9
87 12.3 9.0 13.6

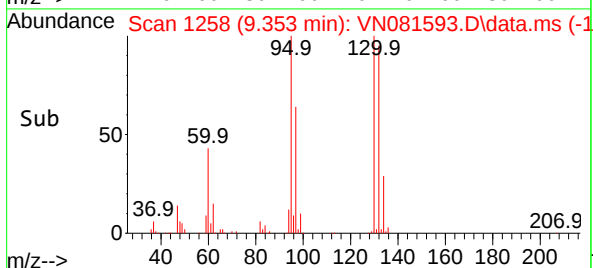
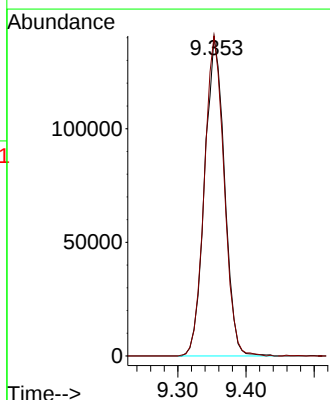
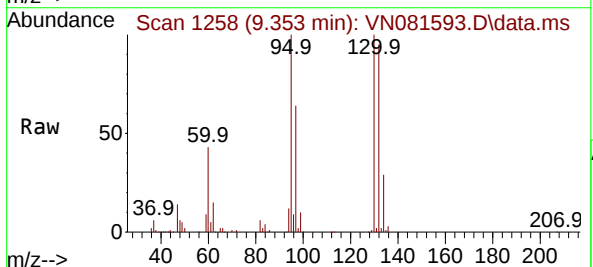
Manual Integrations
APPROVED

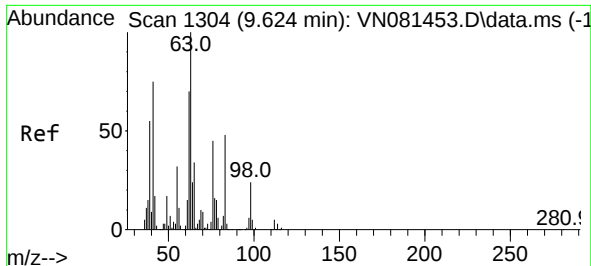
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#44
Trichloroethene
Concen: 50.581 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Tgt Ion:130 Resp: 283792
Ion Ratio Lower Upper
130 100
95 100.2 0.0 210.4





#45

1,2-Dichloropropane

Concen: 54.747 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081593.D

Acq: 27 Mar 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 264684

Ion Ratio Lower Upper

63 100

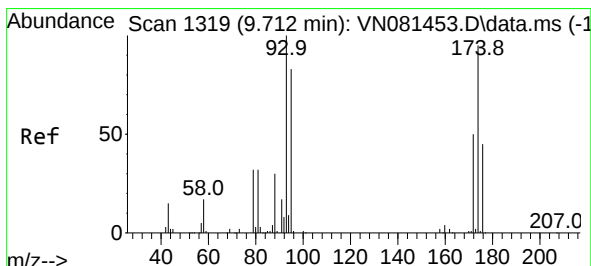
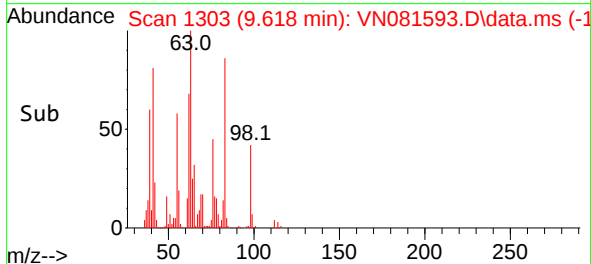
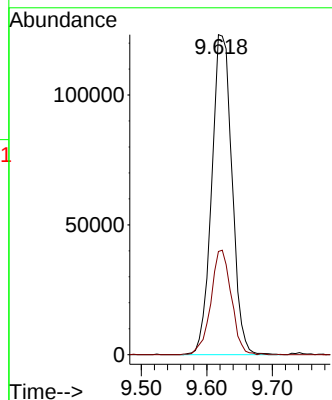
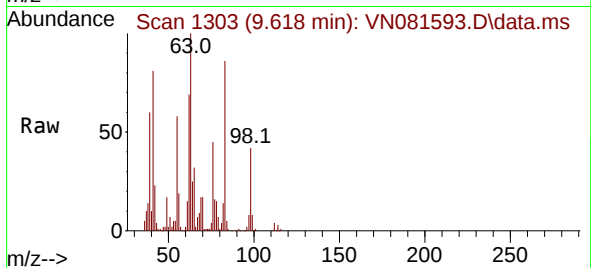
65 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#46

Dibromomethane

Concen: 53.917 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081593.D

Acq: 27 Mar 2024 18:20

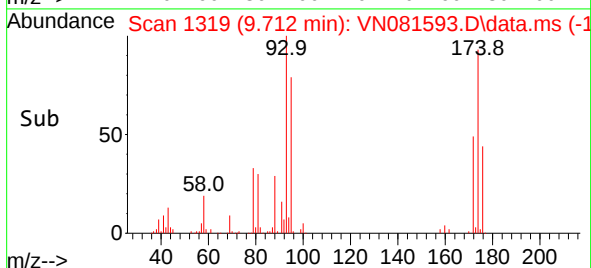
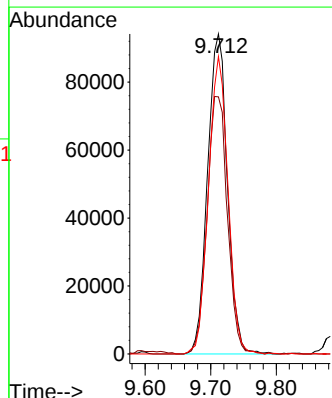
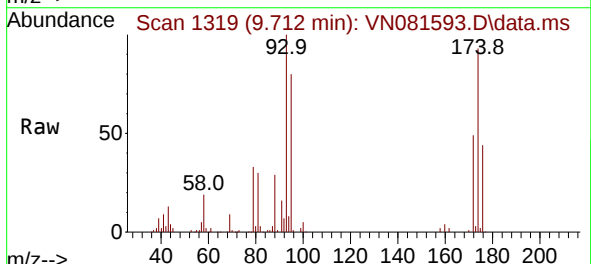
Tgt Ion: 93 Resp: 197962

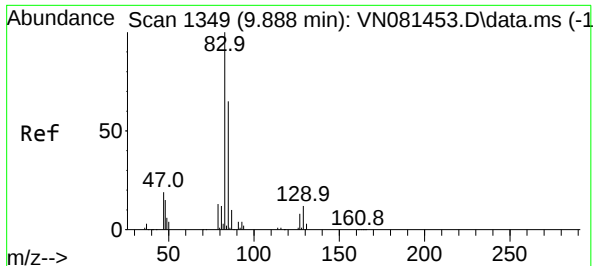
Ion Ratio Lower Upper

93 100

95 82.6 68.1 102.1

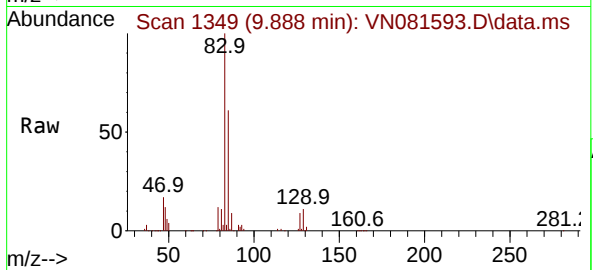
174 91.3 57.2 85.8





#47
Bromodichloromethane
Concen: 56.140 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

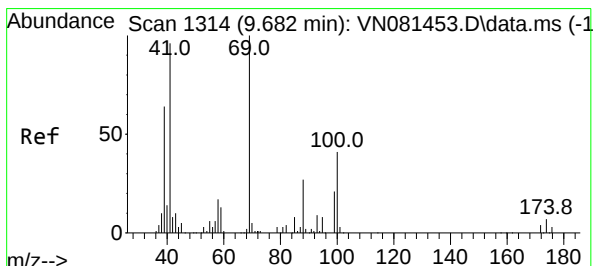
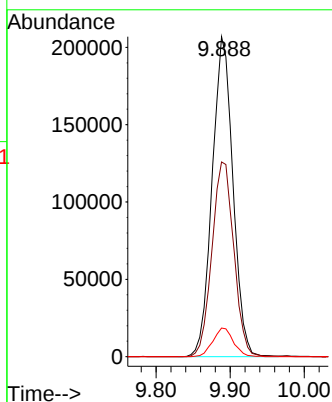
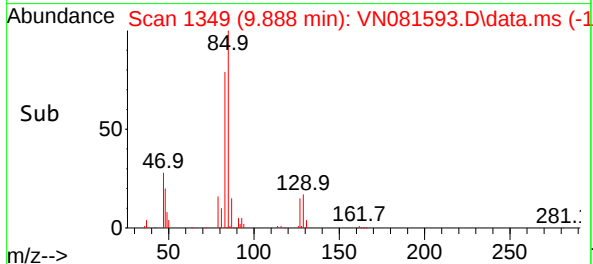
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 403000
Ion Ratio Lower Upper
83 100
85 60.9 52.3 78.5
127 9.0 4.6 7.0

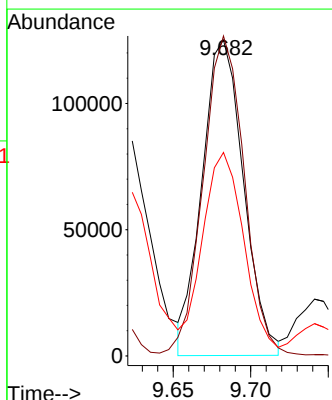
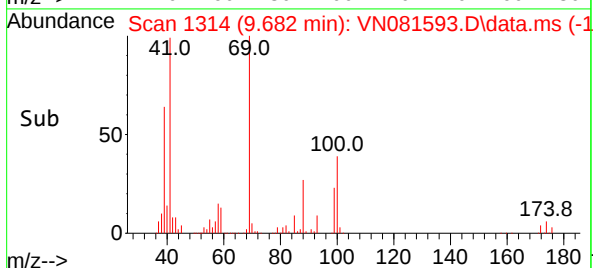
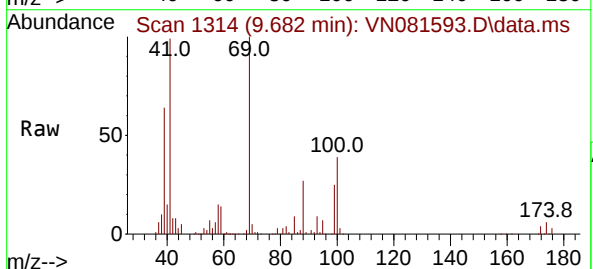
Manual Integrations
APPROVED

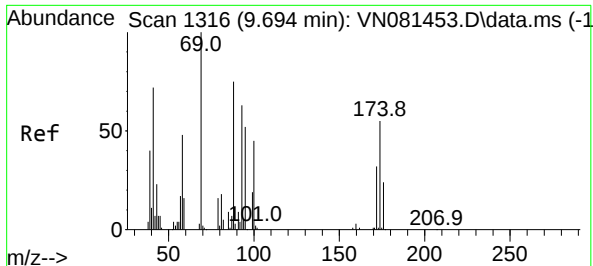
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#48
Methyl methacrylate
Concen: 52.115 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Tgt Ion: 41 Resp: 232813
Ion Ratio Lower Upper
41 100
69 100.4 62.2 93.2#
39 64.9 47.6 71.4





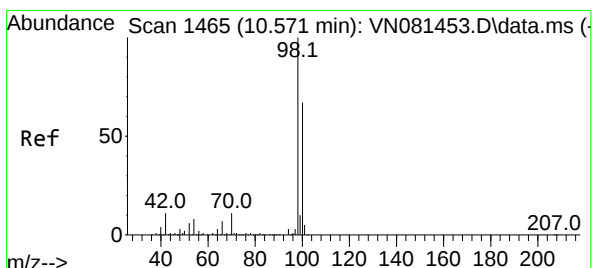
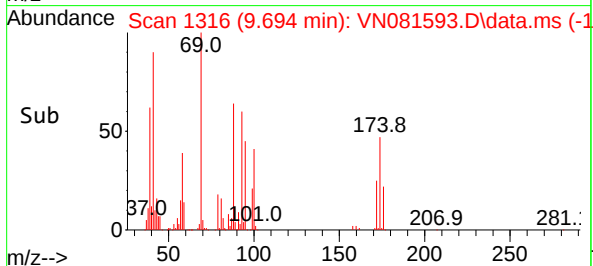
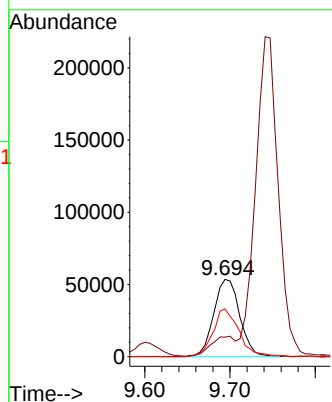
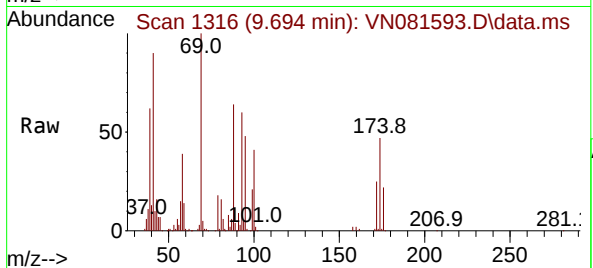
#49
1,4-Dioxane
Concen: 1055.590 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 113320
Ion Ratio Lower Upper
88 100
43 23.6 30.1 45.1
58 62.3 63.9 95.9

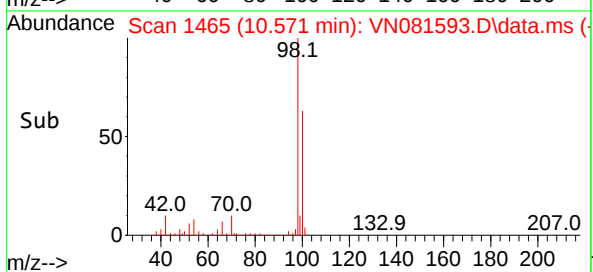
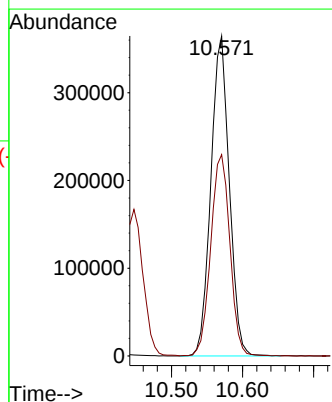
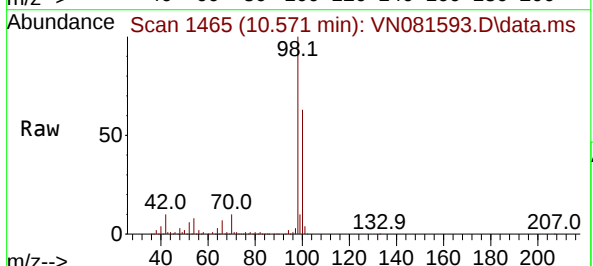
Manual Integrations
APPROVED

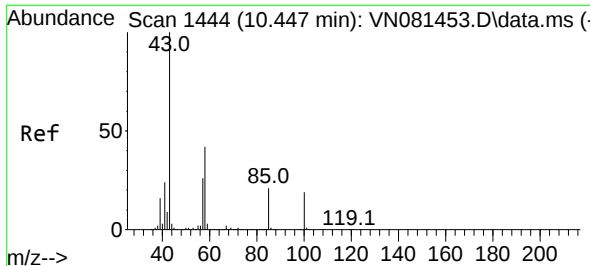
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#50
Toluene-d8
Concen: 44.719 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Tgt Ion: 98 Resp: 655444
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0





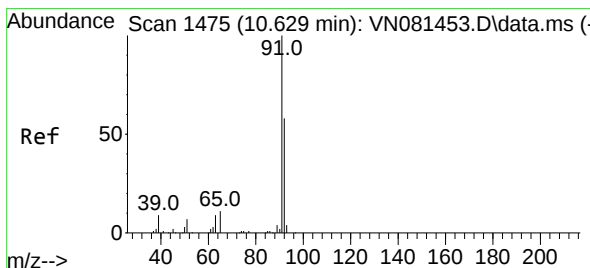
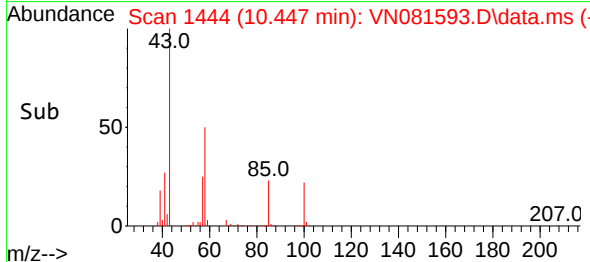
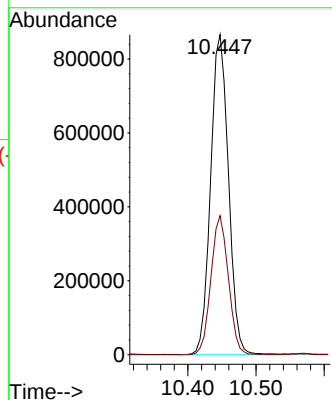
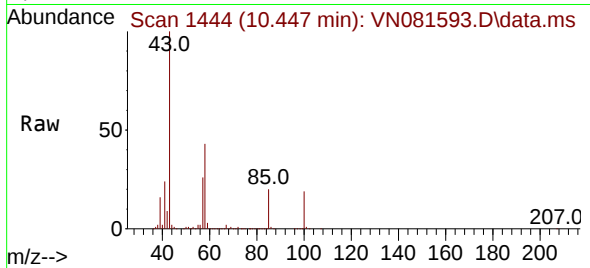
#51
4-Methyl-2-Pentanone
Concen: 266.503 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 157501
Ion Ratio Lower Upper
43 100
58 42.5 29.4 44.0

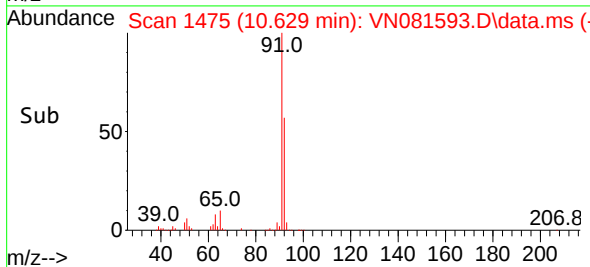
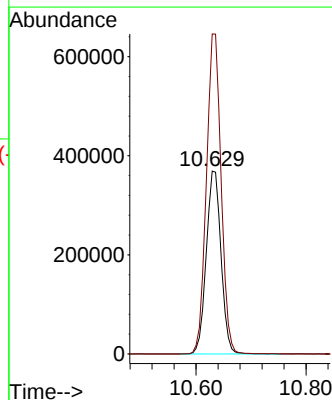
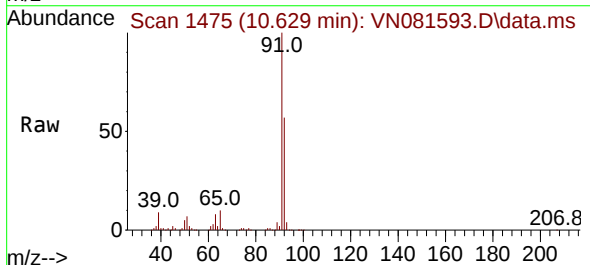
Manual Integrations
APPROVED

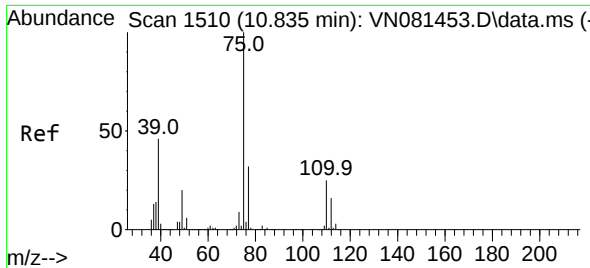
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#52
Toluene
Concen: 54.127 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Tgt Ion: 92 Resp: 686304
Ion Ratio Lower Upper
92 100
91 174.7 139.4 209.0





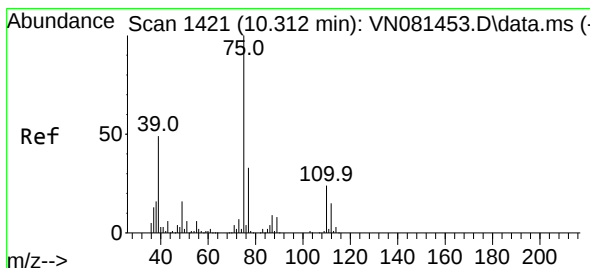
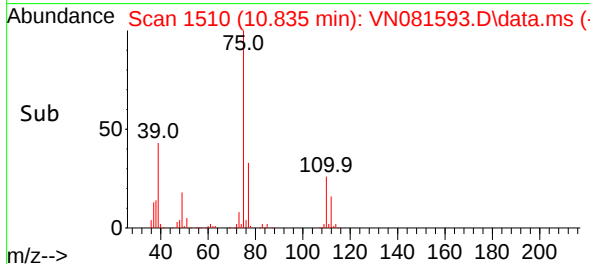
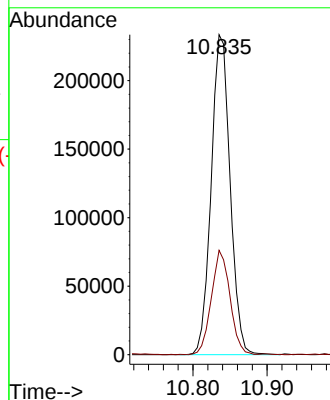
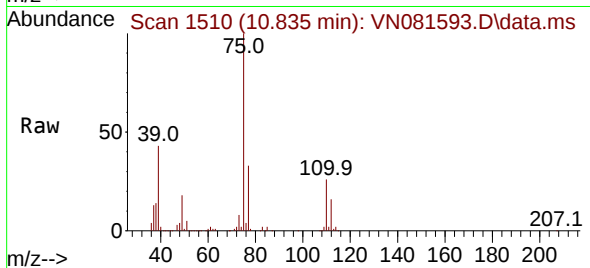
#53
t-1,3-Dichloropropene
Concen: 53.405 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 41397
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3

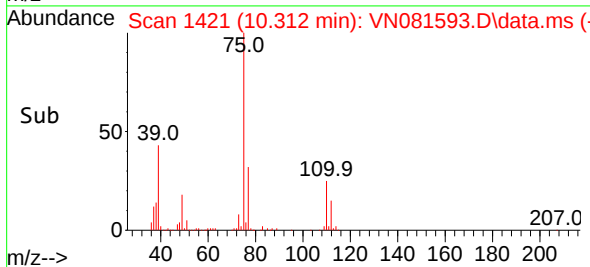
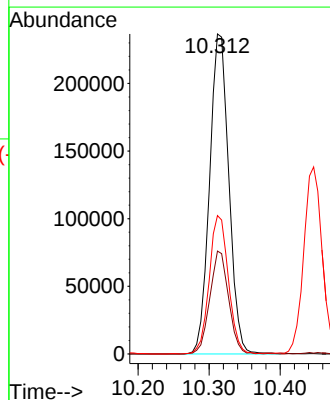
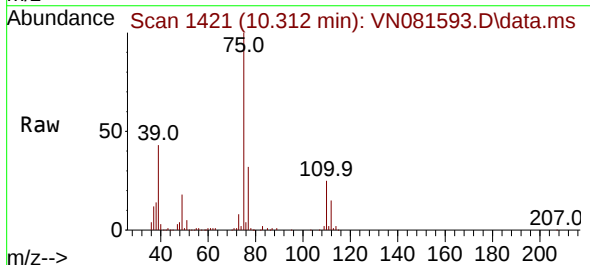
Manual Integrations
APPROVED

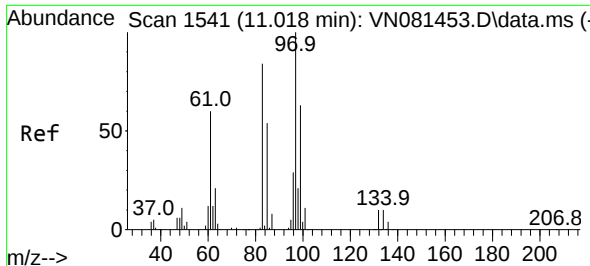
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#54
cis-1,3-Dichloropropene
Concen: 53.640 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

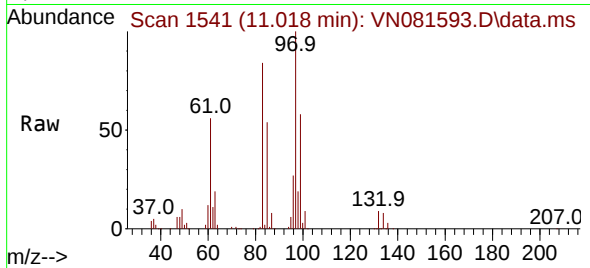
Tgt Ion: 75 Resp: 445796
Ion Ratio Lower Upper
75 100
77 32.1 23.3 34.9
39 43.3 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 54.359 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

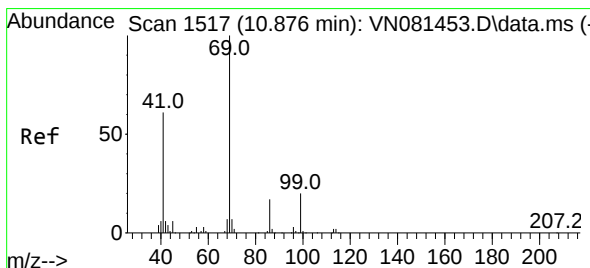
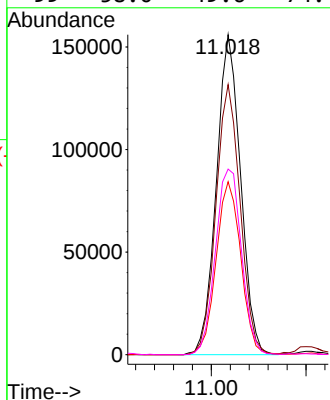
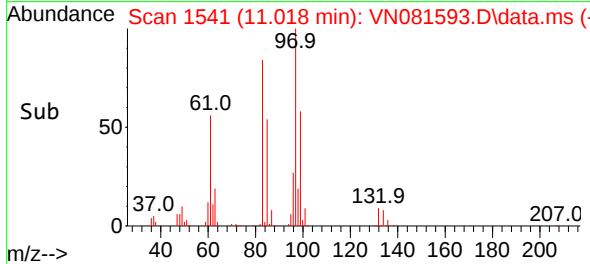
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



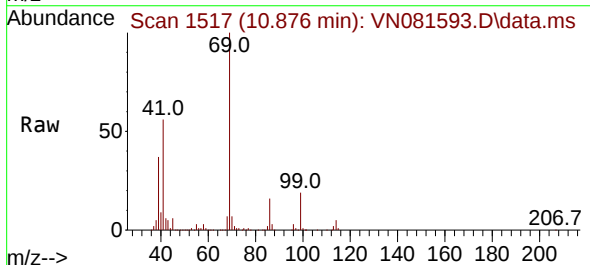
Tgt Ion:	97	Resp:	277378
Ion	Ratio	Lower	Upper
97	100		
83	84.4	72.9	109.3
85	54.1	50.2	75.2
99	58.0	49.6	74.4

Manual Integrations
APPROVED

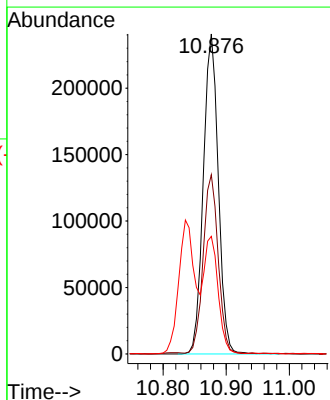
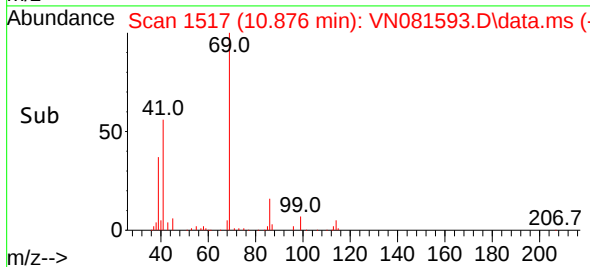
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

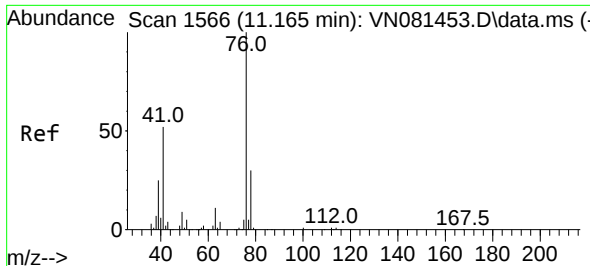


#56
Ethyl methacrylate
Concen: 51.981 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20



Tgt Ion:	69	Resp:	396617
Ion	Ratio	Lower	Upper
69	100		
41	55.8	61.0	91.6#
39	34.0	31.8	47.6





#57

1,3-Dichloropropane

Concen: 54.763 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081593.D

Acq: 27 Mar 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 45809

Ion Ratio Lower Upper

76 100

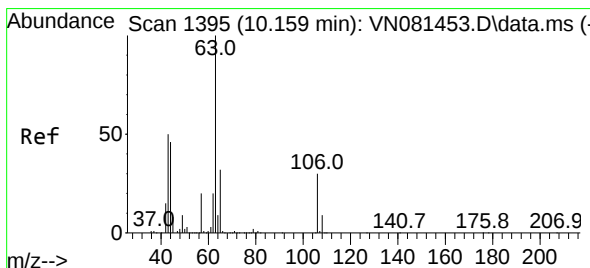
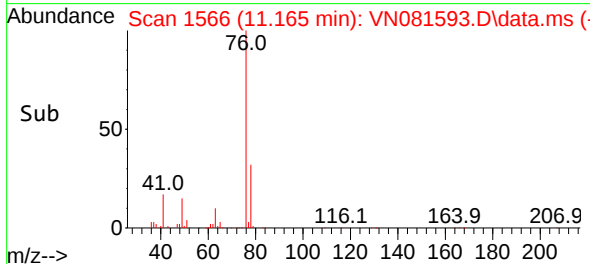
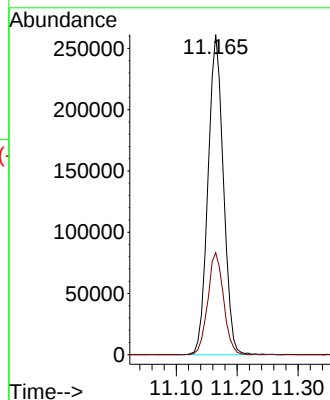
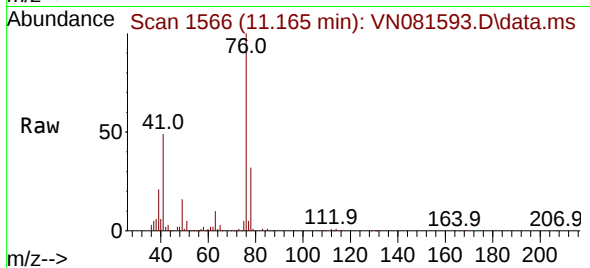
78 32.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#58

2-Chloroethyl Vinyl ether

Concen: 263.761 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081593.D

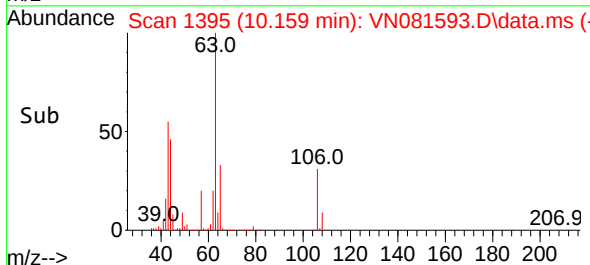
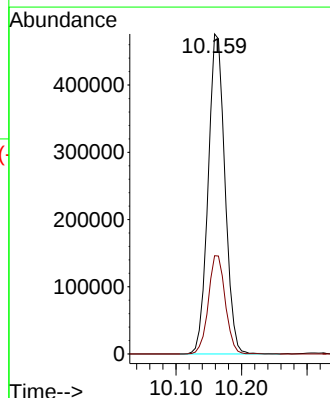
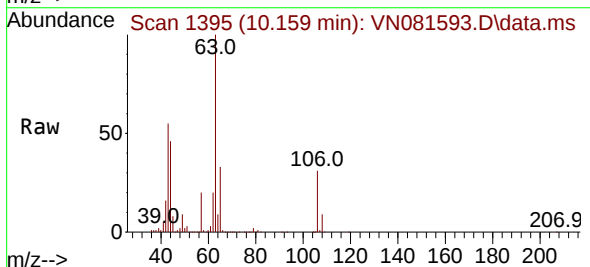
Acq: 27 Mar 2024 18:20

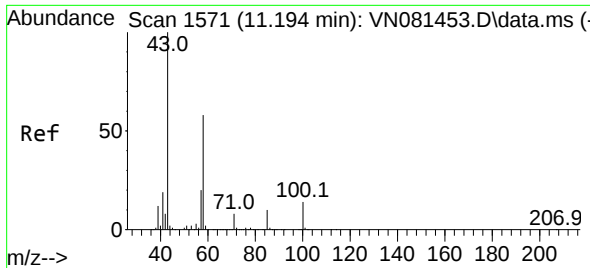
Tgt Ion: 63 Resp: 846878

Ion Ratio Lower Upper

63 100

106 31.0 18.6 28.0#





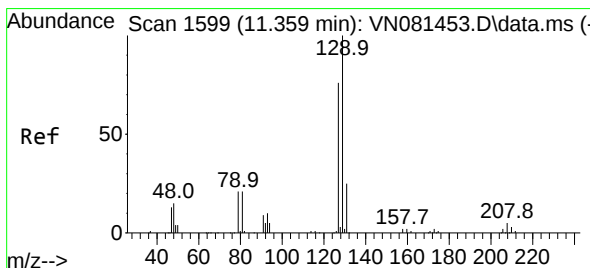
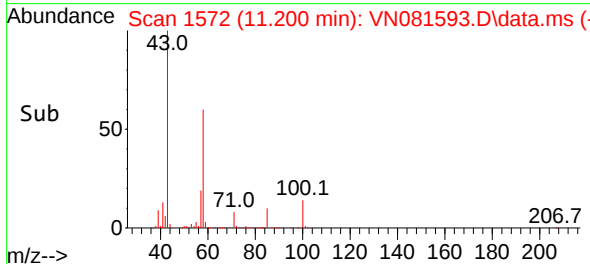
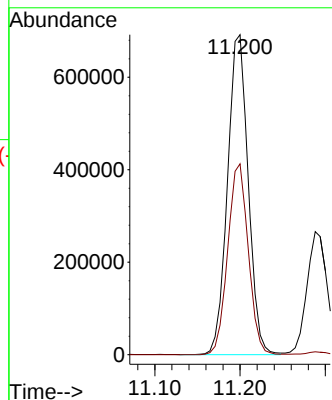
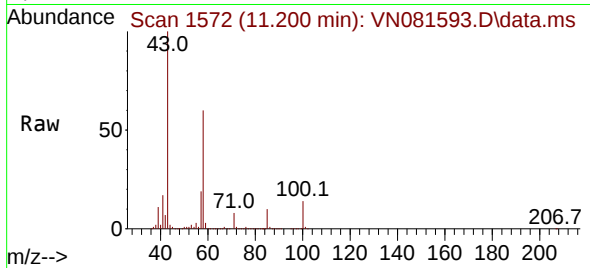
#59
2-Hexanone
Concen: 267.235 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 116766
Ion Ratio Lower Upper
43 100
58 59.2 25.9 77.8

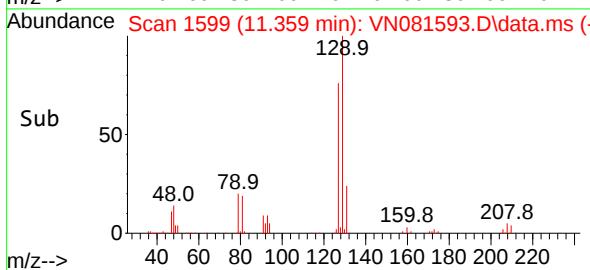
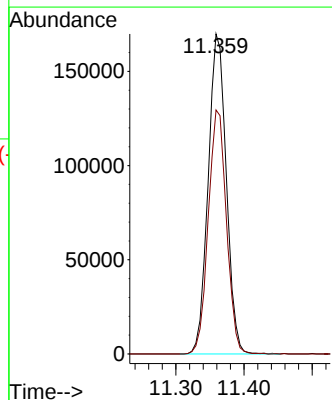
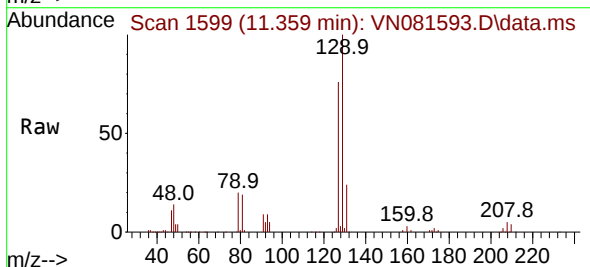
Manual Integrations
APPROVED

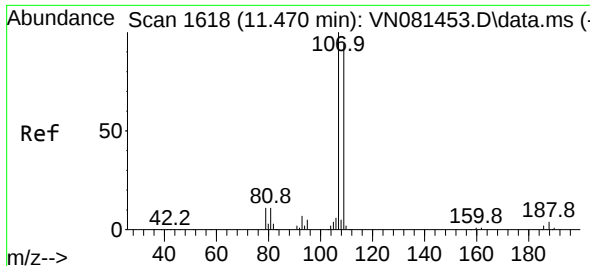
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#60
Dibromochloromethane
Concen: 56.012 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

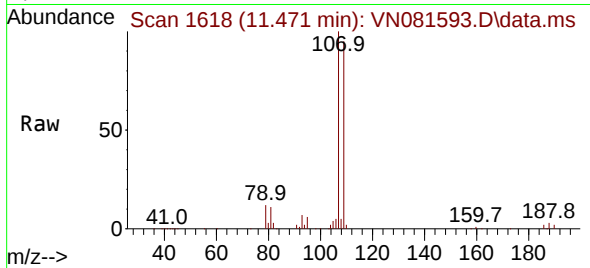
Tgt Ion:129 Resp: 314328
Ion Ratio Lower Upper
129 100
127 76.5 39.4 118.2





#61
1,2-Dibromoethane
Concen: 55.538 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

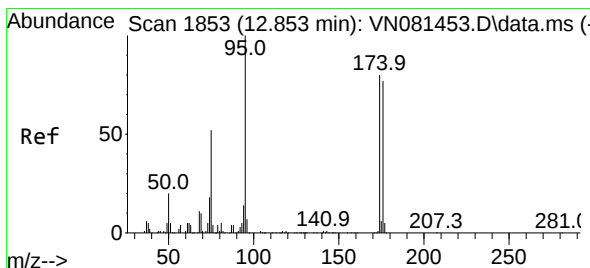
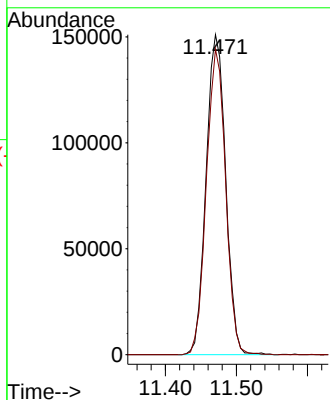
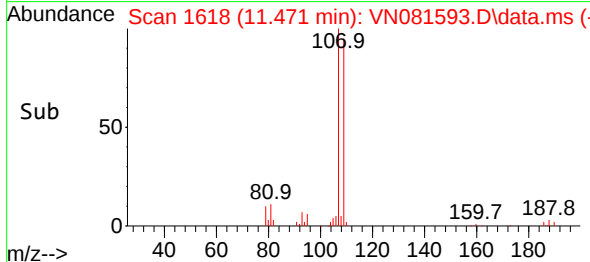
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



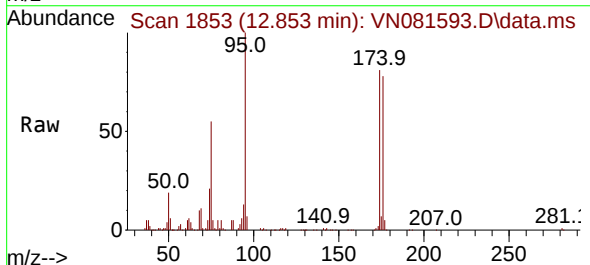
Tgt Ion:107 Resp: 288930
Ion Ratio Lower Upper
107 100
109 94.0 73.4 110.2

Manual Integrations
APPROVED

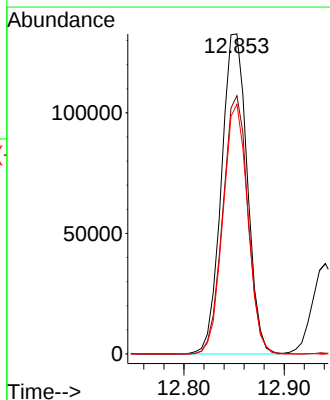
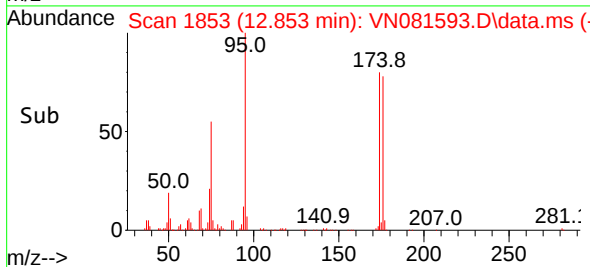
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

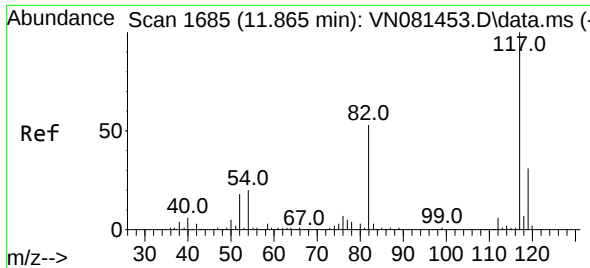


#62
4-Bromofluorobenzene
Concen: 45.873 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20



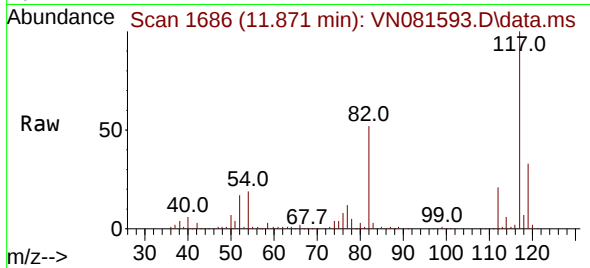
Tgt Ion: 95 Resp: 236917
Ion Ratio Lower Upper
95 100
174 78.3 0.0 120.4
176 75.4 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

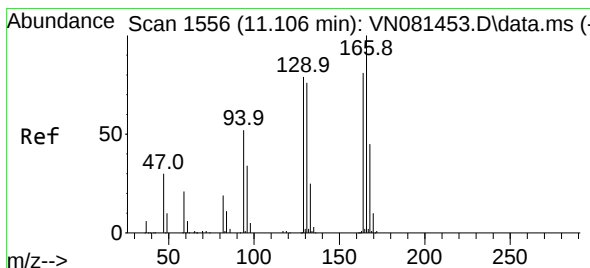
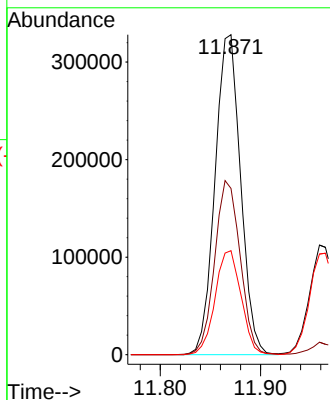
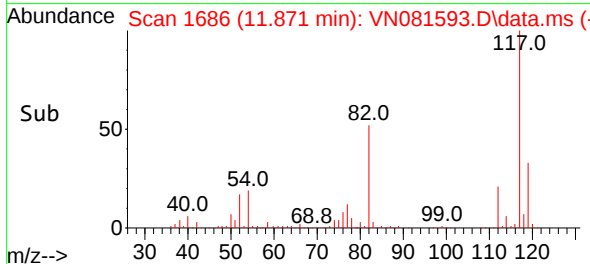
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 580838
Ion Ratio Lower Upper
117 100
82 51.9 52.7 79.1
119 32.5 25.3 37.9

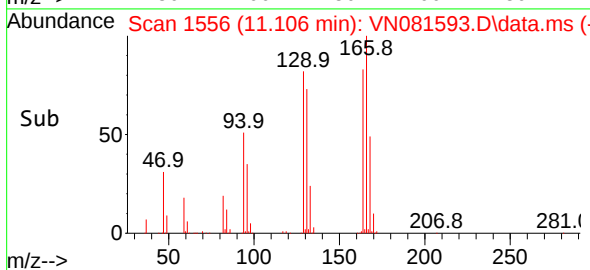
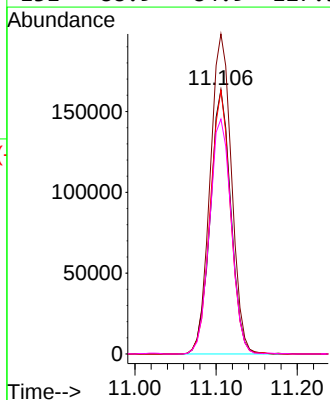
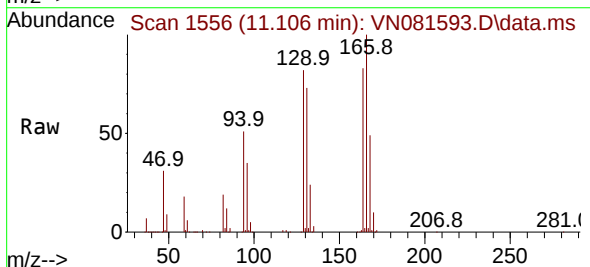
Manual Integrations
APPROVED

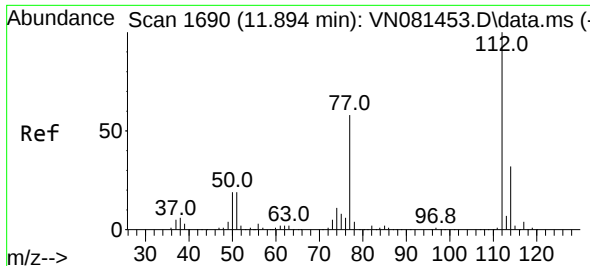
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#64
Tetrachloroethene
Concen: 51.783 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

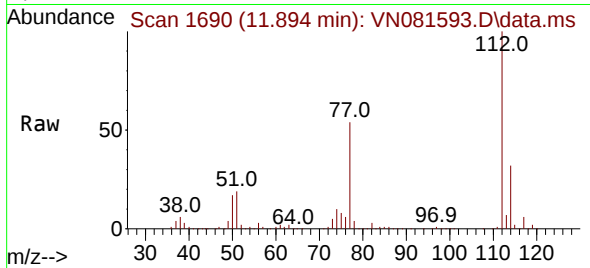
Tgt Ion:164 Resp: 287503
Ion Ratio Lower Upper
164 100
166 121.1 105.8 158.6
129 99.8 89.6 134.4
131 88.9 84.9 127.3





#65
Chlorobenzene
Concen: 54.159 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

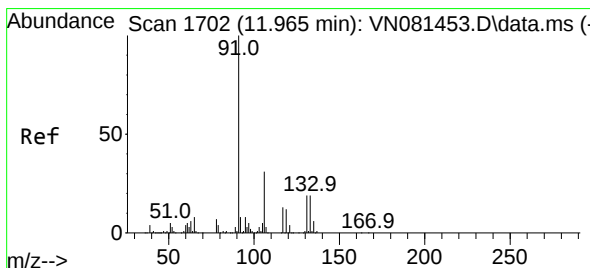
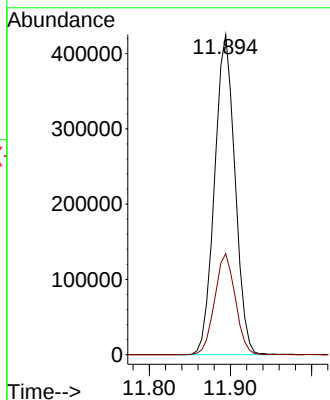
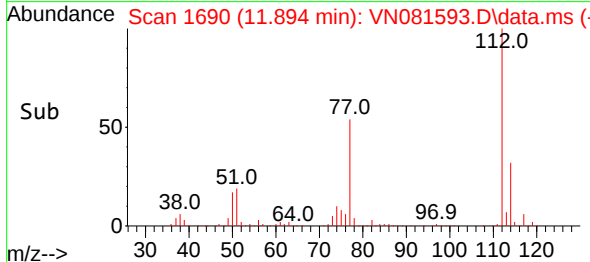
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 74365
Ion Ratio Lower Upper
112 100
114 31.6 23.7 35.5

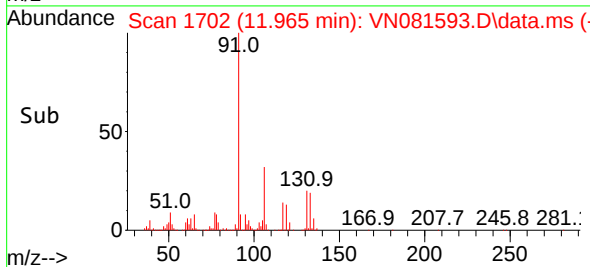
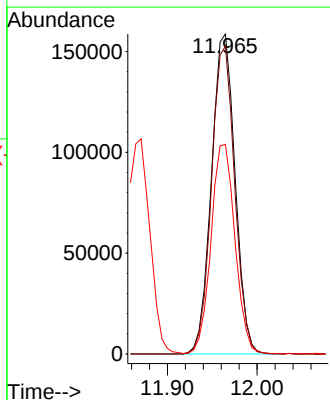
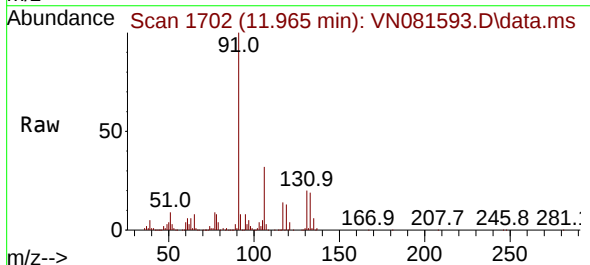
Manual Integrations
APPROVED

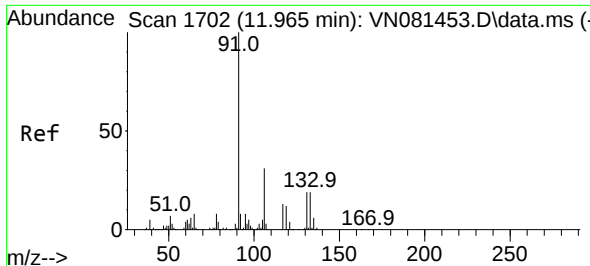
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 56.988 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

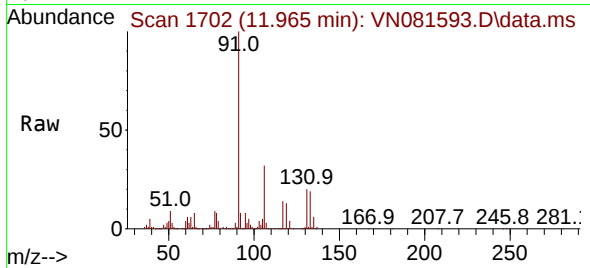
Tgt Ion:131 Resp: 290019
Ion Ratio Lower Upper
131 100
133 94.7 46.8 140.3
119 66.5 34.6 103.9





#67
Ethyl Benzene
Concen: 55.222 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

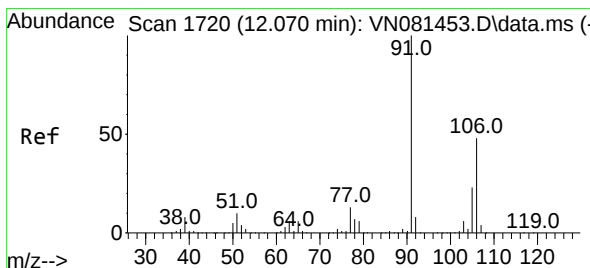
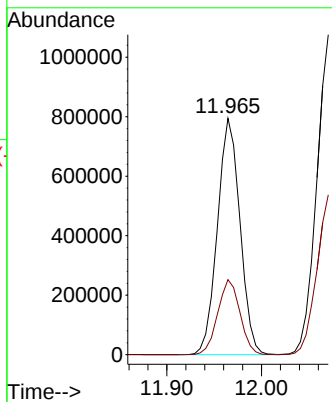
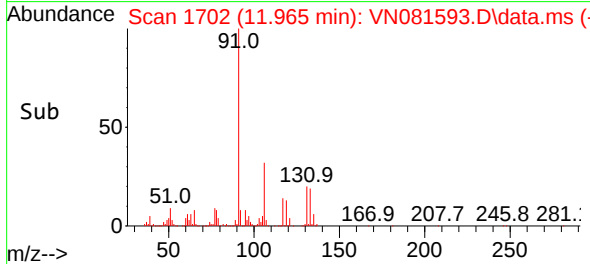
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



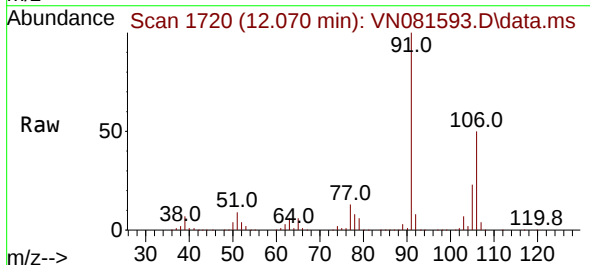
Tgt Ion: 91 Resp: 1317140
Ion Ratio Lower Upper
91 100
106 31.8 23.8 35.6

Manual Integrations
APPROVED

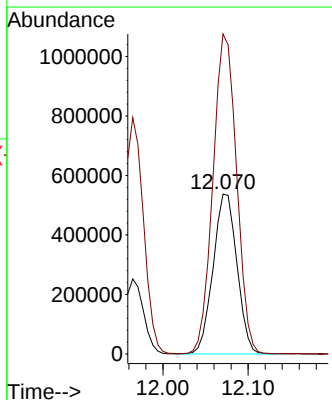
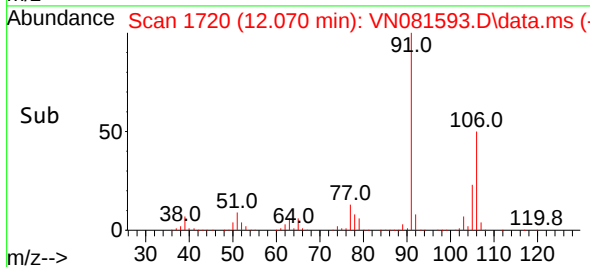
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

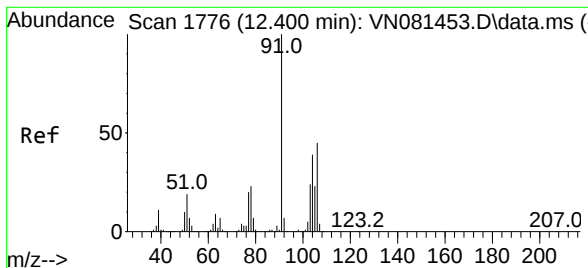


#68
m/p-Xylenes
Concen: 116.716 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20



Tgt Ion:106 Resp: 1043629
Ion Ratio Lower Upper
106 100
91 198.5 169.0 253.6





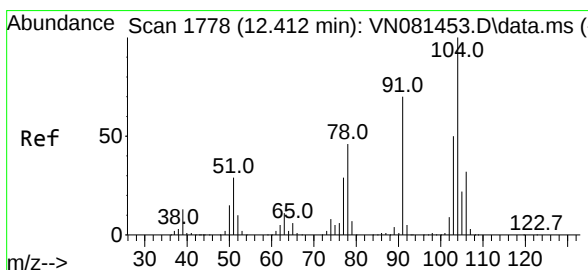
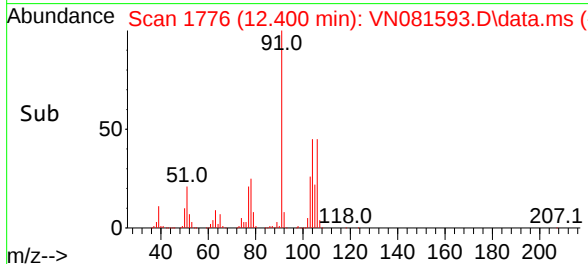
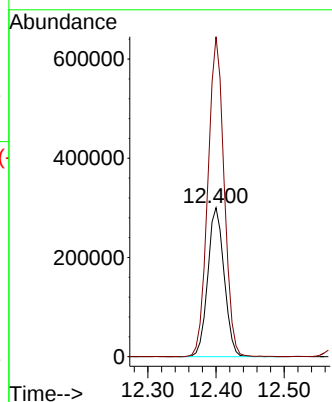
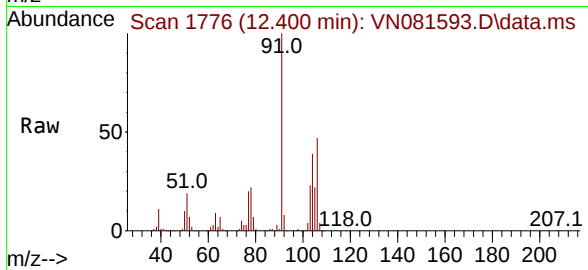
#69
o-Xylene
Concen: 57.098 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 50122
Ion Ratio Lower Upper
106 100
91 213.5 112.1 336.3

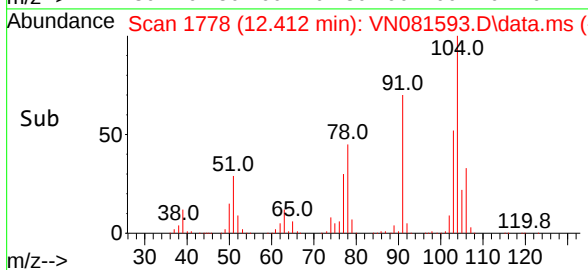
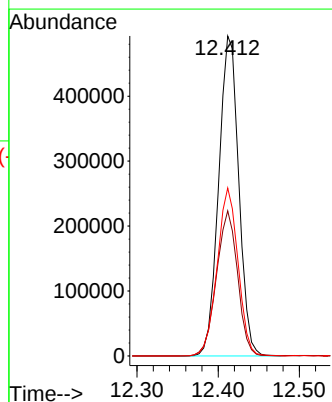
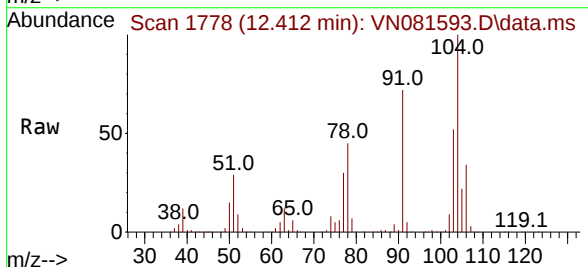
Manual Integrations
APPROVED

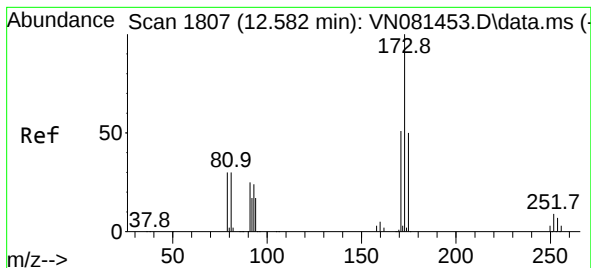
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#70
Styrene
Concen: 59.819 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Tgt Ion:104 Resp: 846892
Ion Ratio Lower Upper
104 100
78 47.7 43.8 65.8
103 54.7 44.2 66.2





#71

Bromoform

Concen: 58.207 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081593.D

Acq: 27 Mar 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 222590

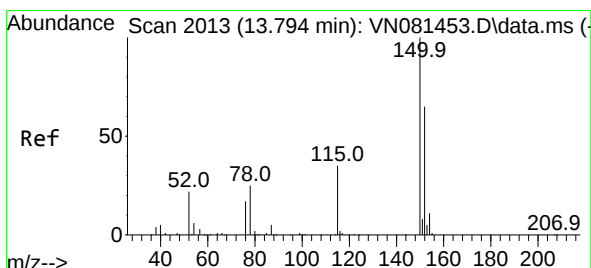
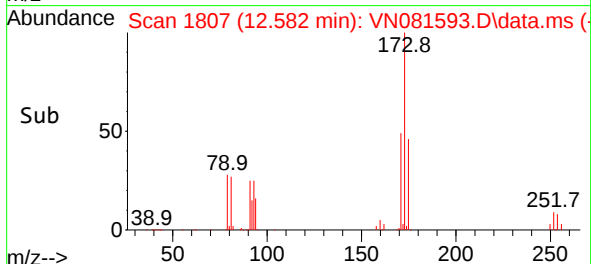
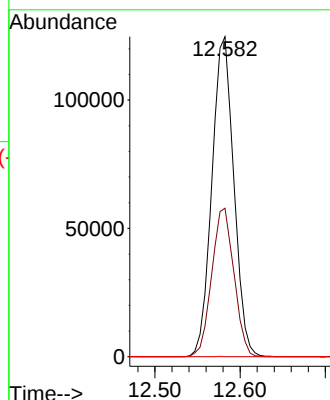
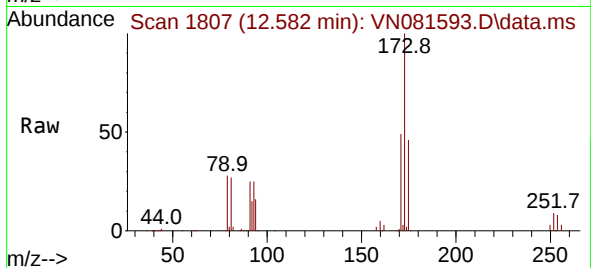
Ion	Ratio	Lower	Upper
173	100		
175	47.0	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

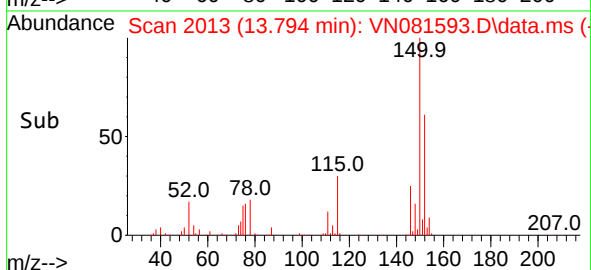
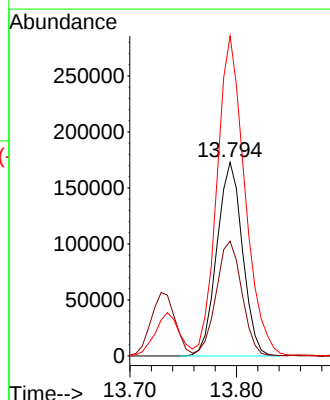
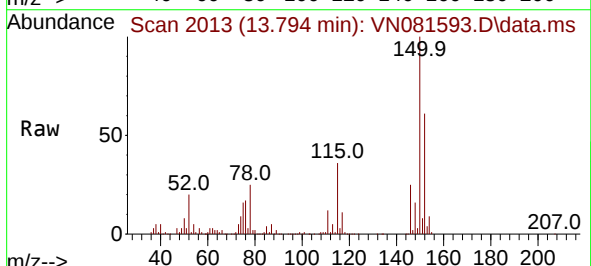
Delta R.T. 0.000 min

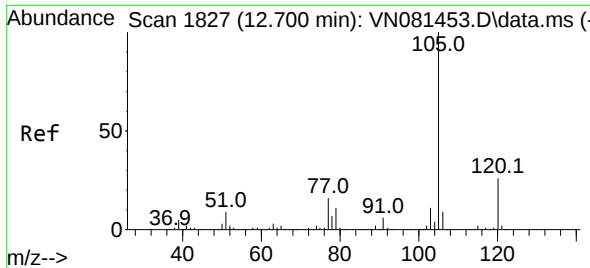
Lab File: VN081593.D

Acq: 27 Mar 2024 18:20

Tgt Ion:152 Resp: 287972

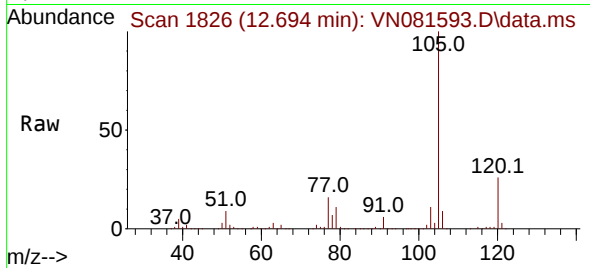
Ion	Ratio	Lower	Upper
152	100		
115	59.6	32.3	96.8
150	179.9	0.0	339.8





#73
Isopropylbenzene
Concen: 53.516 ug/l
RT: 12.694 min Scan# 1827
Delta R.T. -0.006 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

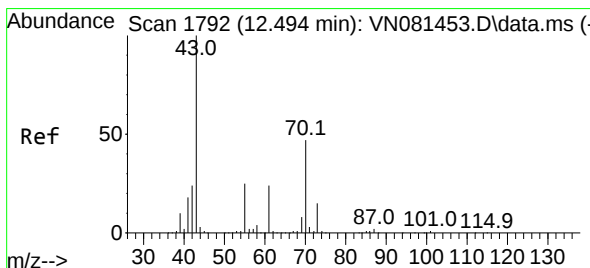
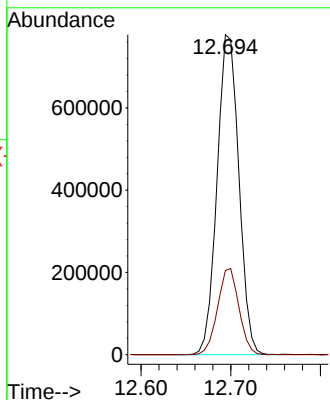
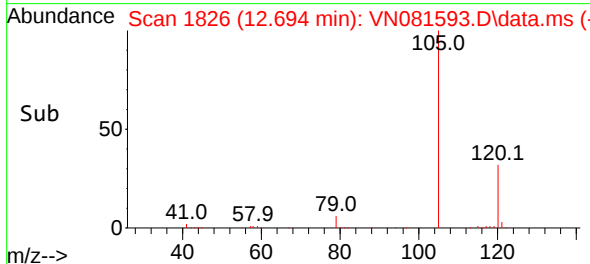
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 131365
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.6

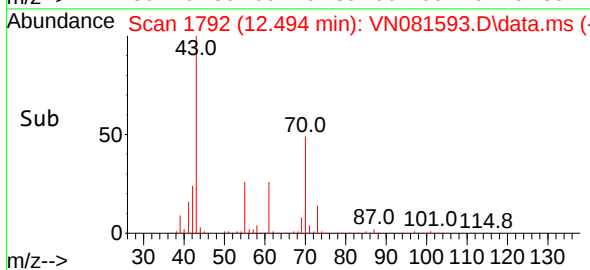
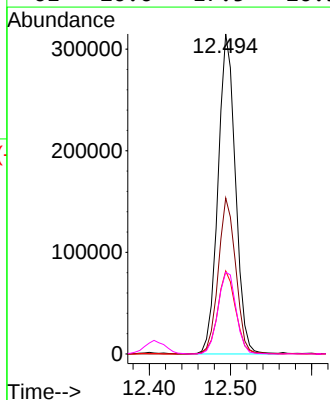
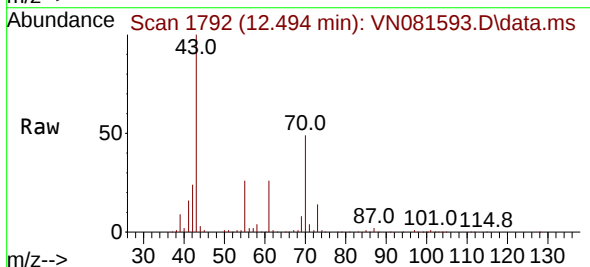
Manual Integrations
APPROVED

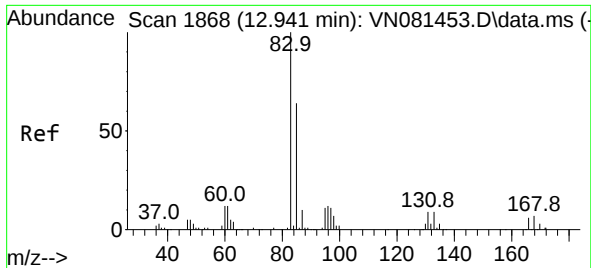
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#74
N-amy1 acetate
Concen: 52.969 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

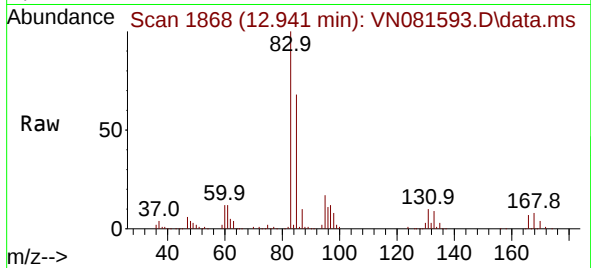
Tgt Ion: 43 Resp: 470535
Ion Ratio Lower Upper
43 100
70 48.6 30.1 45.1#
55 26.7 17.0 25.4#
61 26.6 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 52.799 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

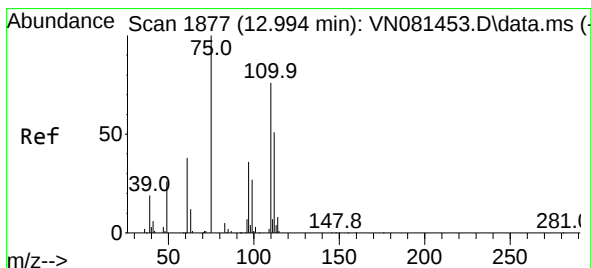
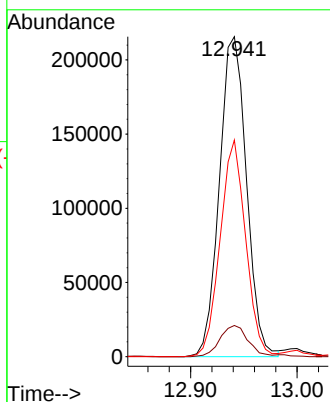
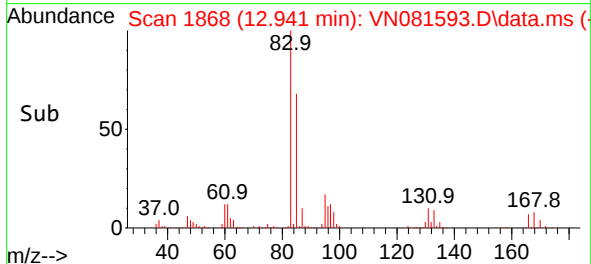
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



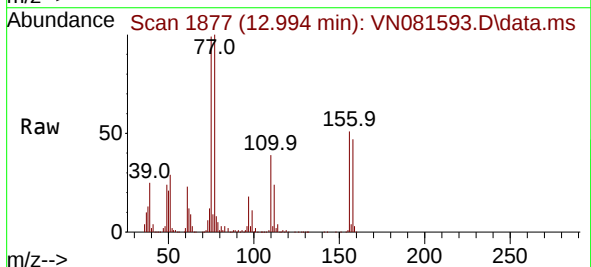
Tgt Ion: 83 Resp: 381062
Ion Ratio Lower Upper
83 100
131 10.5 4.1 12.3
85 63.8 32.1 96.3

Manual Integrations
APPROVED

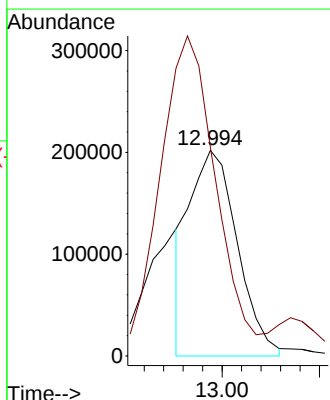
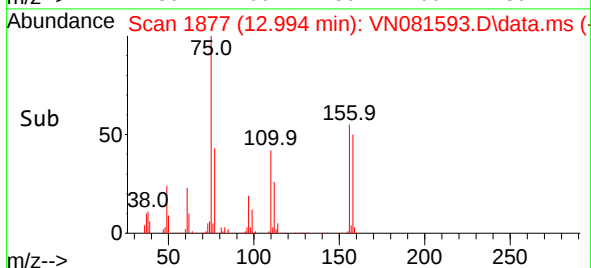
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

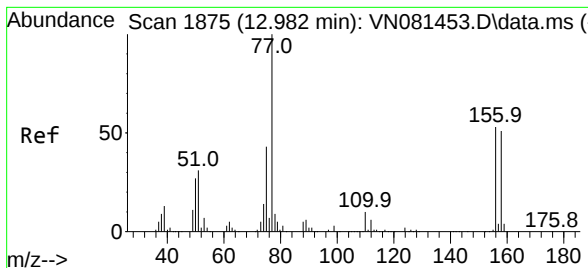


#76
1,2,3-Trichloropropane
Concen: 49.944 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20



Tgt Ion: 75 Resp: 344034
Ion Ratio Lower Upper
75 100
77 182.9 91.0 272.8





#77

Bromobenzene

Concen: 51.420 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081593.D

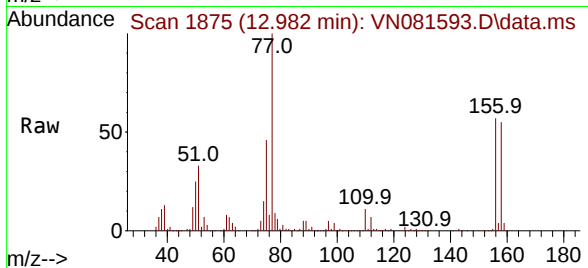
Acq: 27 Mar 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:156 Resp: 311802

Ion Ratio Lower Upper

156 100

77 201.8 138.1 414.3

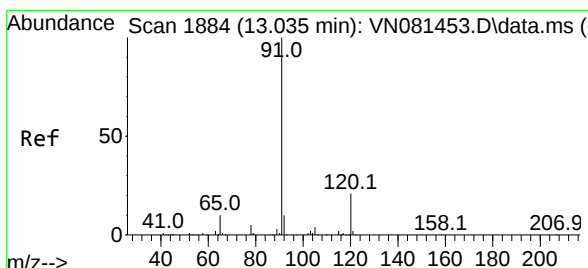
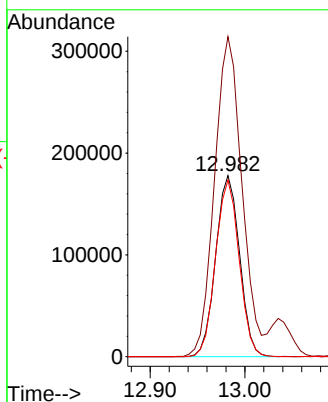
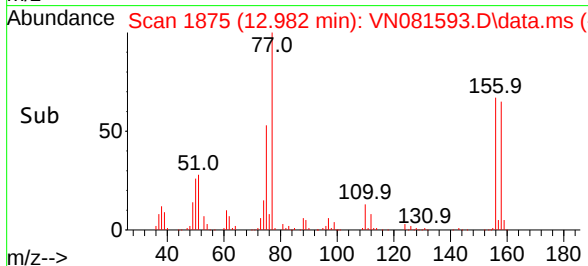
158 96.2 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#78

n-propylbenzene

Concen: 53.537 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081593.D

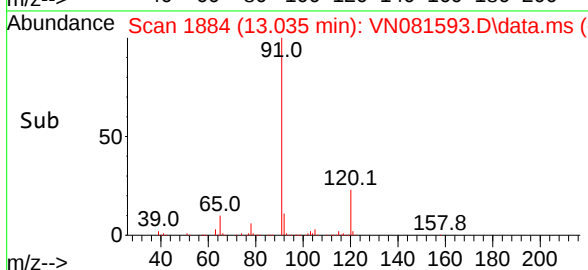
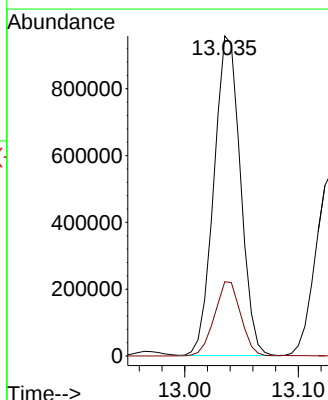
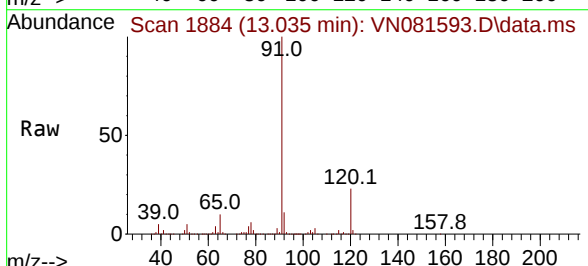
Acq: 27 Mar 2024 18:20

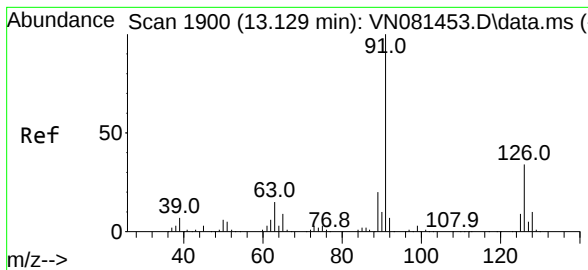
Tgt Ion: 91 Resp: 1551977

Ion Ratio Lower Upper

91 100

120 23.1 10.3 30.9





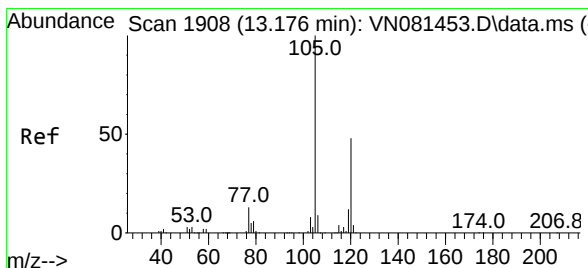
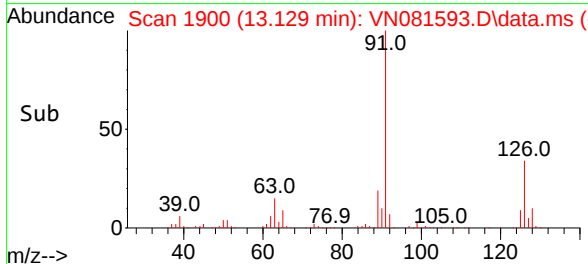
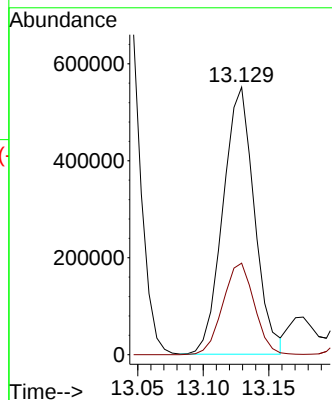
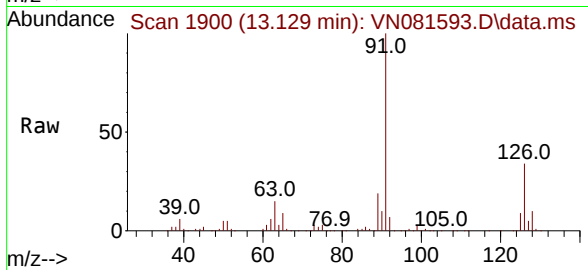
#79
2-Chlorotoluene
Concen: 52.948 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 918652
Ion Ratio Lower Upper
91 100
126 34.4 14.8 44.4

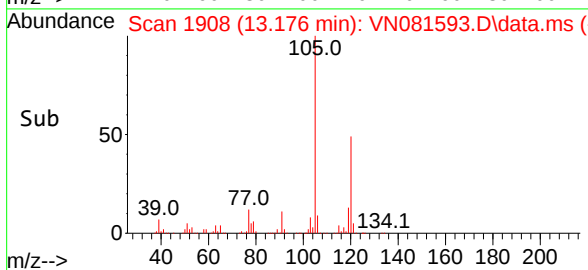
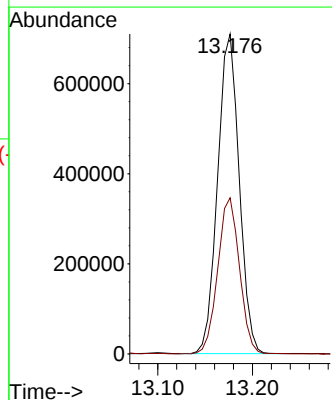
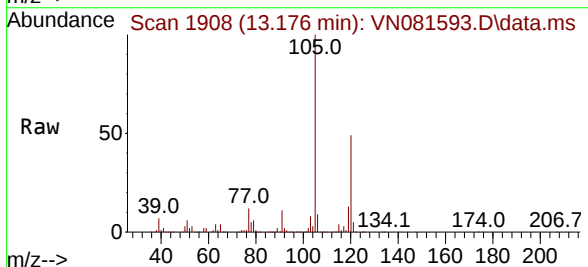
Manual Integrations
APPROVED

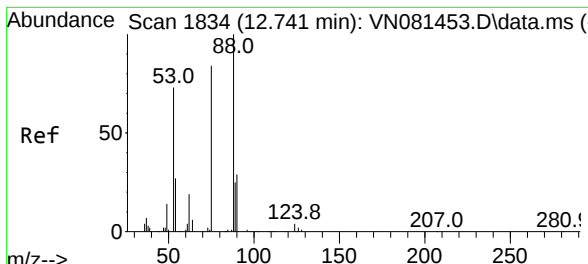
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#80
1,3,5-Trimethylbenzene
Concen: 55.452 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

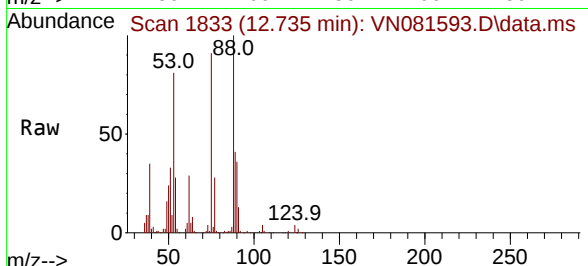
Tgt Ion:105 Resp: 1124278
Ion Ratio Lower Upper
105 100
120 49.2 23.0 69.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.083 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: VN081593.D
 Acq: 27 Mar 2024 18:20

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

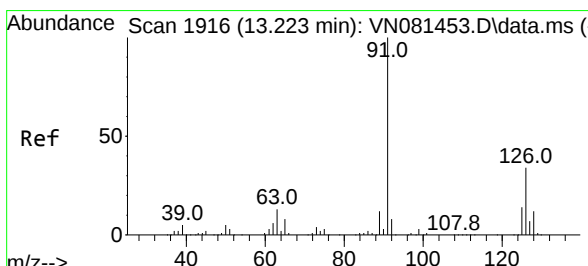
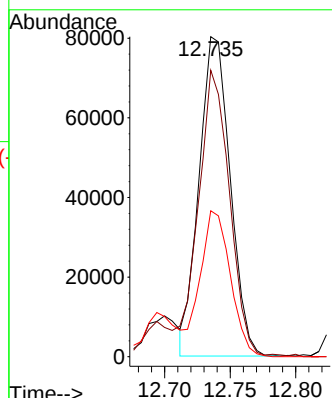
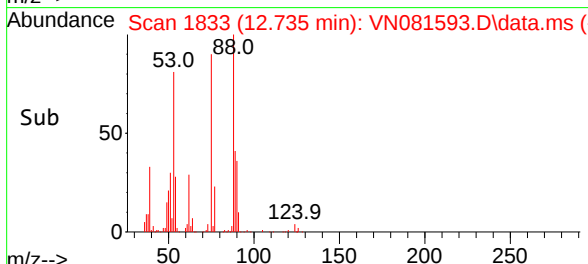


Tgt Ion: 75 Resp: 13276

Ion	Ratio	Lower	Upper
75	100		
53	90.6	71.4	107.2
89	45.0	33.4	50.0

Manual Integrations
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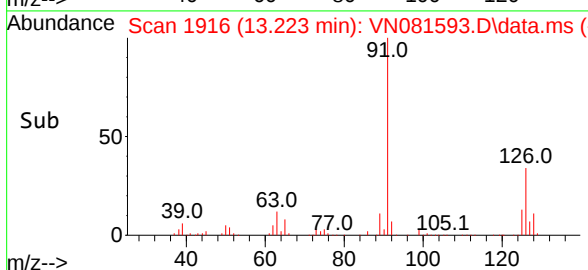
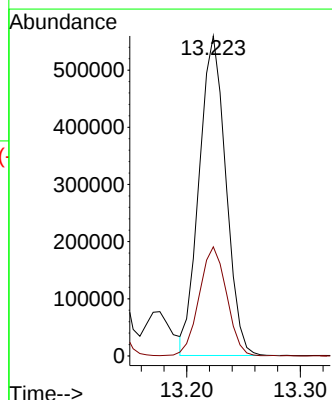
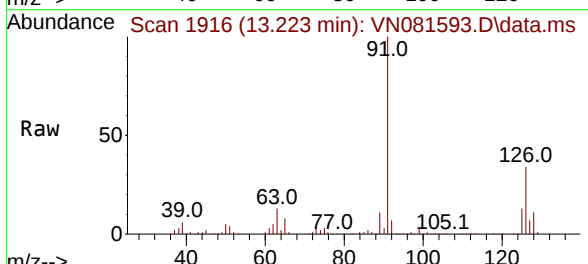
Reviewed By :John Carlone 03/28/2024
 Supervised By :Mahesh Dadoda 03/28/2024

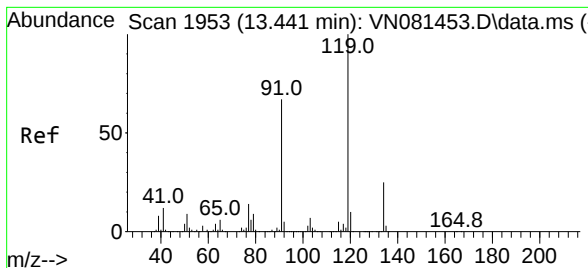


#82
 4-Chlorotoluene
 Concen: 53.302 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN081593.D
 Acq: 27 Mar 2024 18:20

Tgt Ion: 91 Resp: 911757

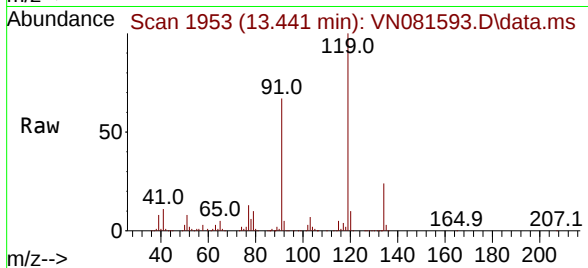
Ion	Ratio	Lower	Upper
91	100		
126	34.9	15.3	45.9





#83
tert-Butylbenzene
Concen: 54.293 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

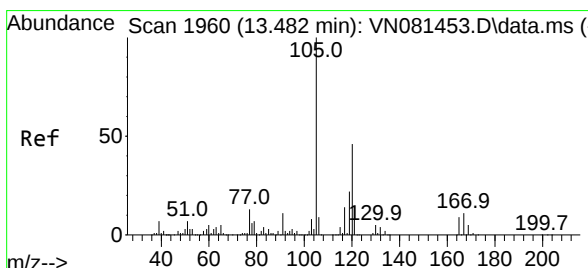
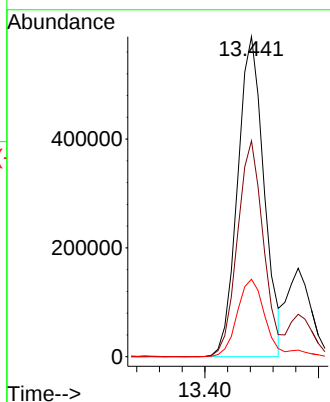
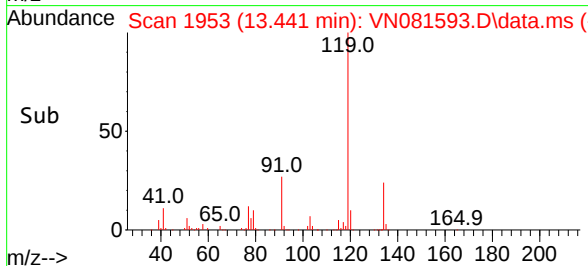
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



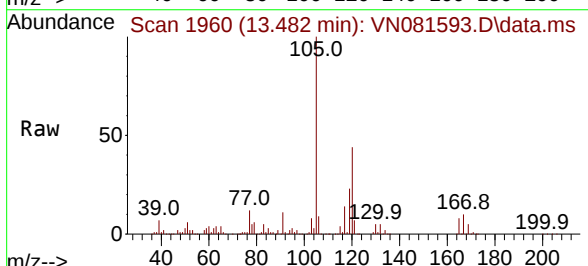
Tgt Ion:119 Resp: 949235
Ion Ratio Lower Upper
119 100
91 67.4 36.8 110.4
134 26.5 12.4 37.4

Manual Integrations
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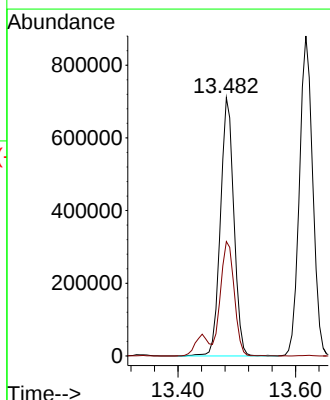
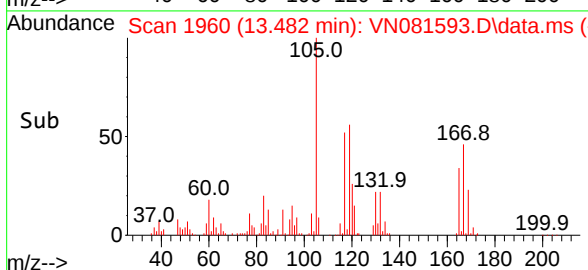
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

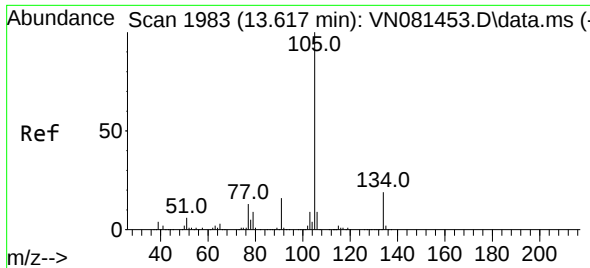


#84
1,2,4-Trimethylbenzene
Concen: 55.298 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20



Tgt Ion:105 Resp: 1126822
Ion Ratio Lower Upper
105 100
120 44.9 20.9 62.7





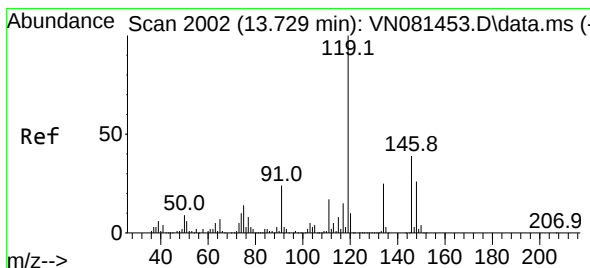
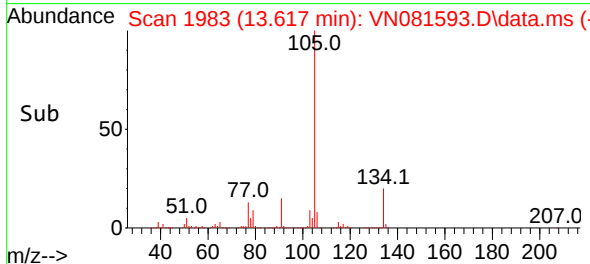
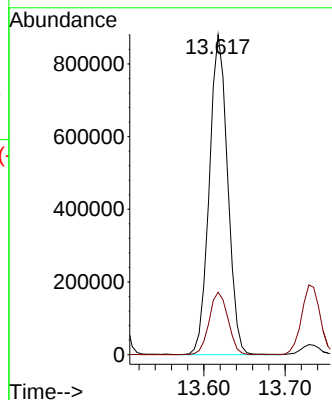
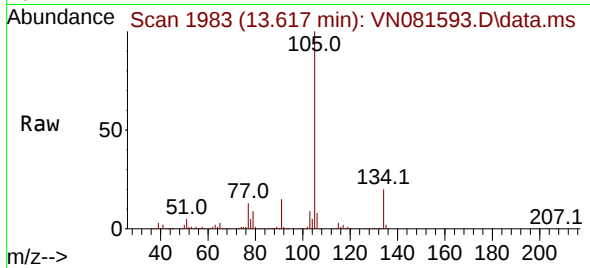
#85
 sec-Butylbenzene
 Concen: 55.251 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081593.D
 Acq: 27 Mar 2024 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1380918
 Ion Ratio Lower Upper
 105 100
 134 20.0 8.6 25.8

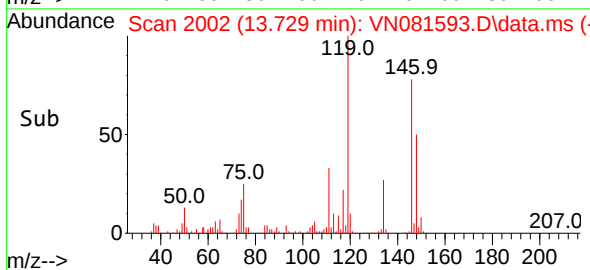
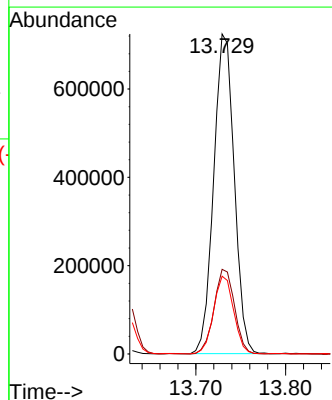
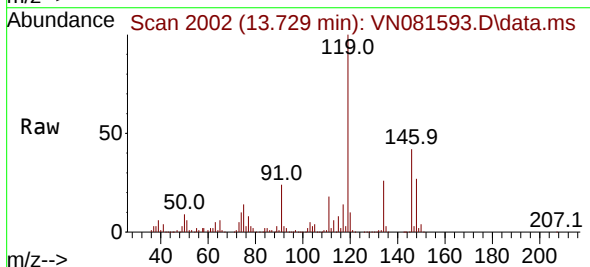
Manual Integrations
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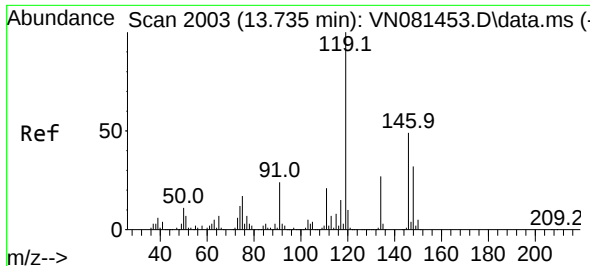
Reviewed By :John Carlone 03/28/2024
 Supervised By :Mahesh Dadoda 03/28/2024



#86
 p-Isopropyltoluene
 Concen: 56.433 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081593.D
 Acq: 27 Mar 2024 18:20

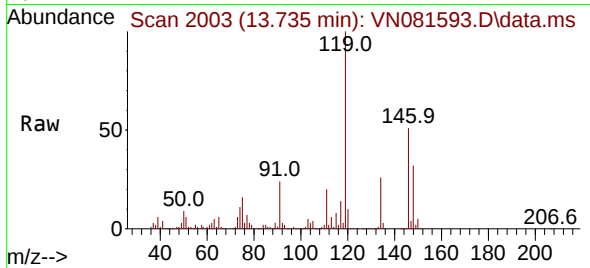
Tgt Ion:119 Resp: 1152972
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.4 37.2
 91 23.7 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 53.251 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

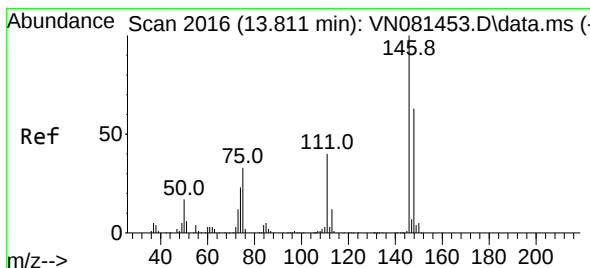
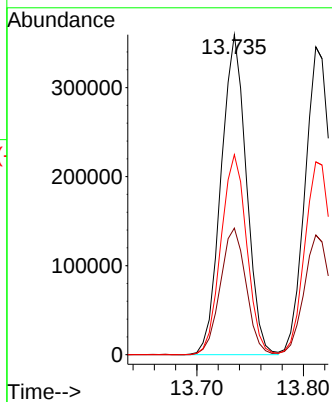
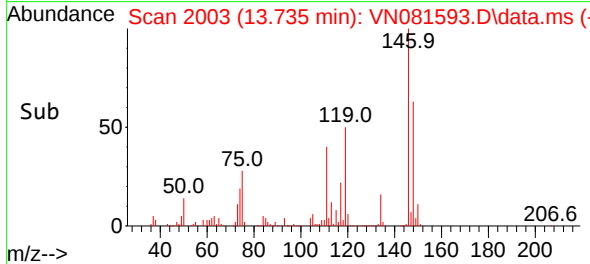
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



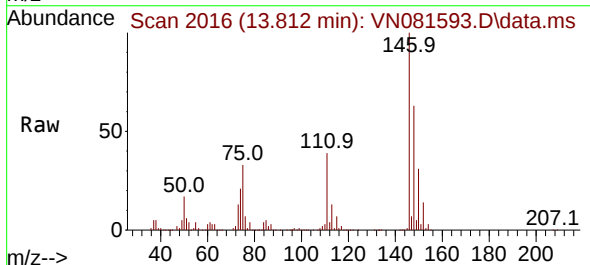
Tgt Ion:146 Resp: 59327
Ion Ratio Lower Upper
146 100
111 40.2 23.9 71.7
148 63.6 32.6 97.7

Manual Integrations
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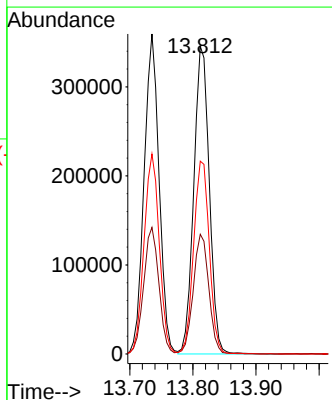
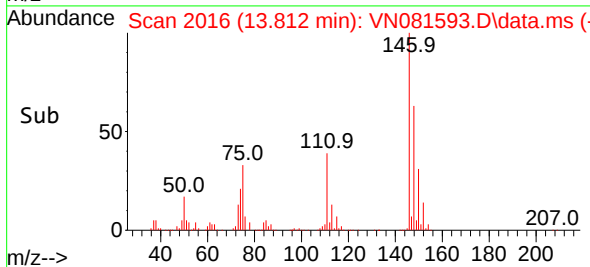
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

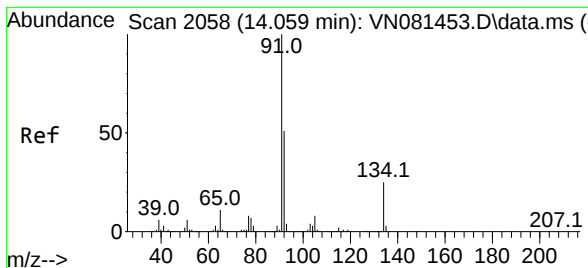


#88
1,4-Dichlorobenzene
Concen: 51.169 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20



Tgt Ion:146 Resp: 590279
Ion Ratio Lower Upper
146 100
111 38.6 22.6 67.7
148 63.4 31.9 95.5





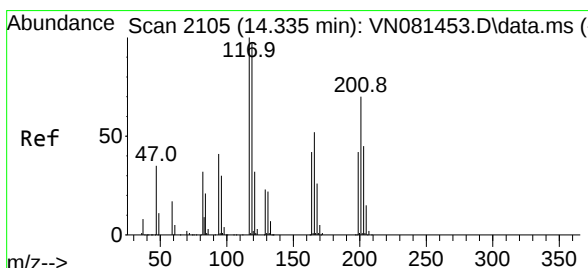
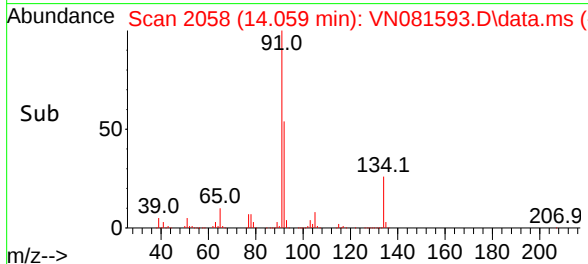
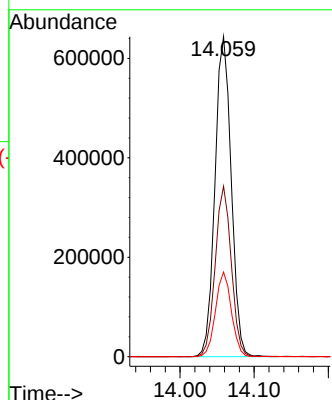
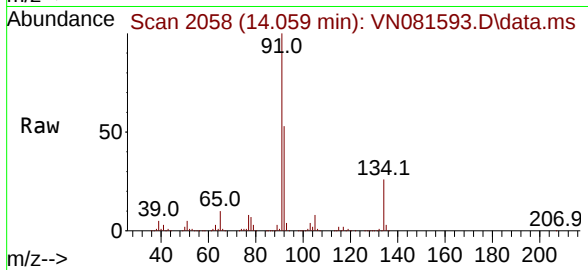
#89
n-Butylbenzene
Concen: 54.141 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 98085
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.1
134 25.8 10.8 32.4

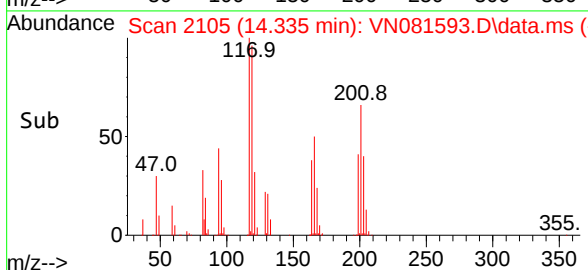
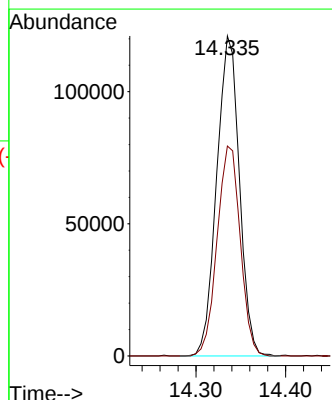
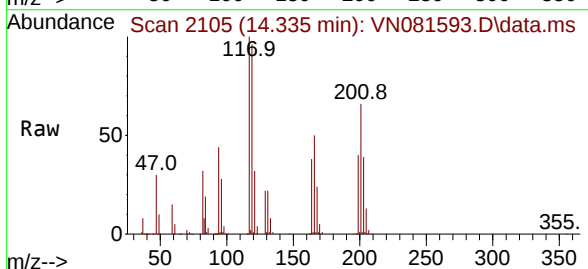
Manual Integrations
APPROVED

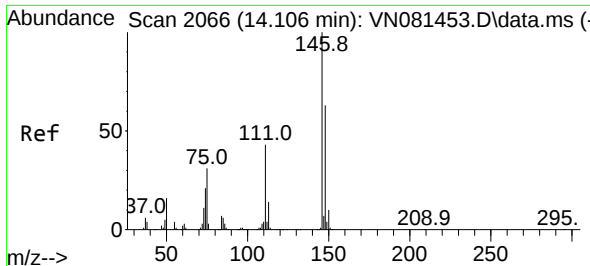
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#90
Hexachloroethane
Concen: 54.909 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

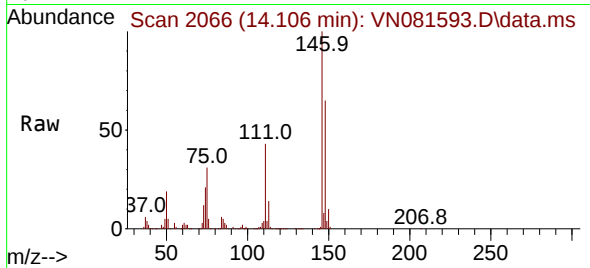
Tgt Ion:117 Resp: 212456
Ion Ratio Lower Upper
117 100
201 66.9 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 52.906 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

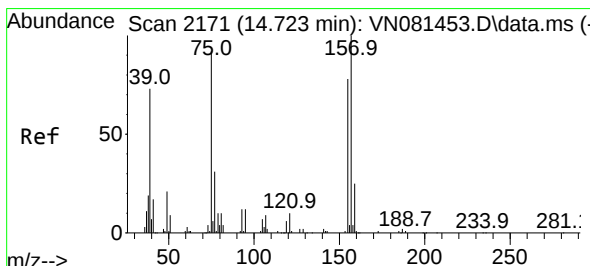
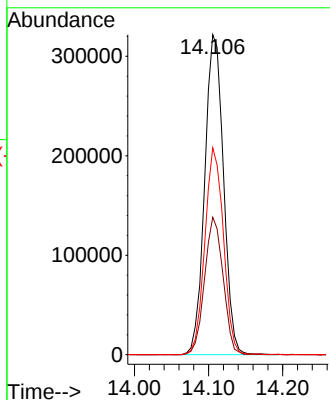
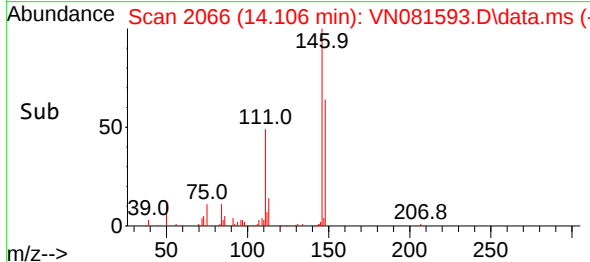
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 567314
Ion Ratio Lower Upper
146 100
111 42.3 23.9 71.8
148 63.8 31.4 94.0

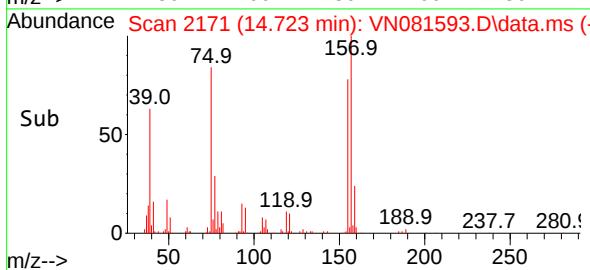
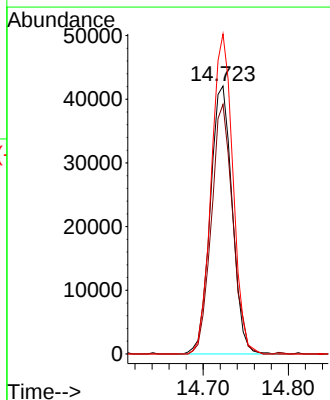
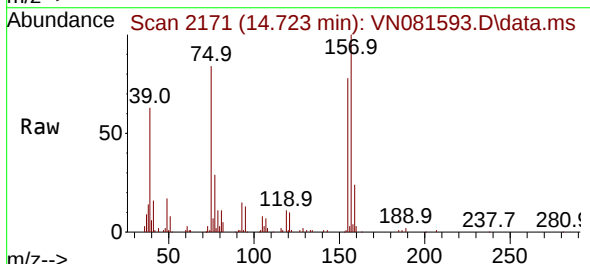
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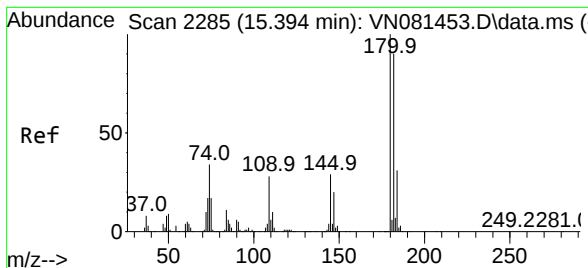
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.936 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

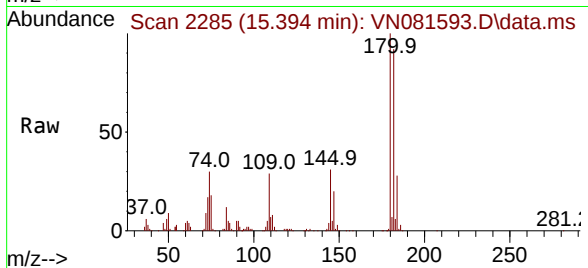
Tgt Ion: 75 Resp: 75163
Ion Ratio Lower Upper
75 100
155 90.5 31.8 95.4
157 116.9 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 49.806 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

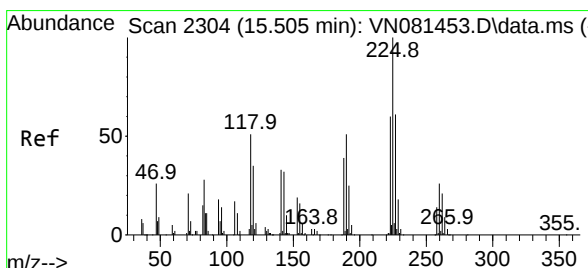
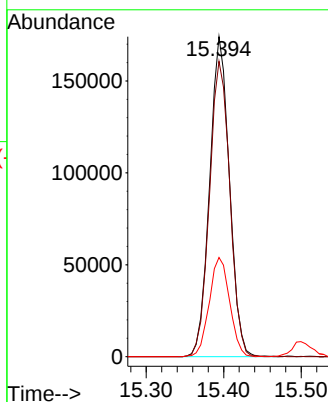
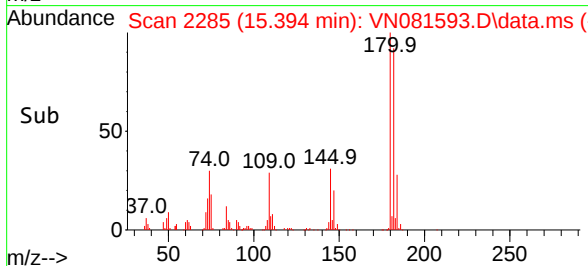
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 30881
Ion Ratio Lower Upper
180 100
182 95.0 46.6 139.7
145 32.0 16.8 50.3

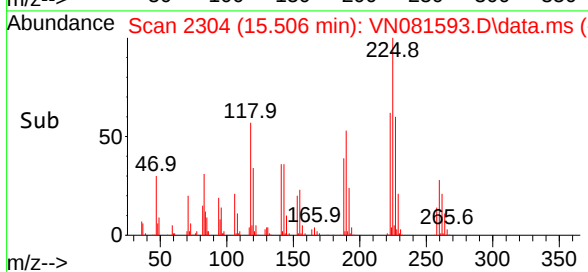
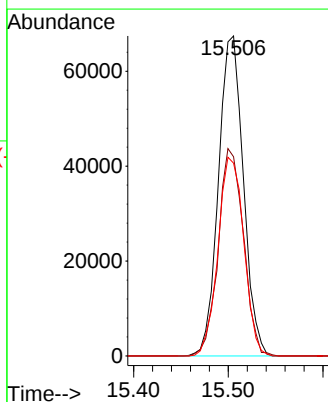
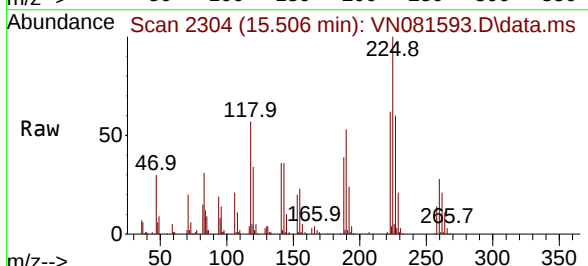
Manual Integrations
APPROVED

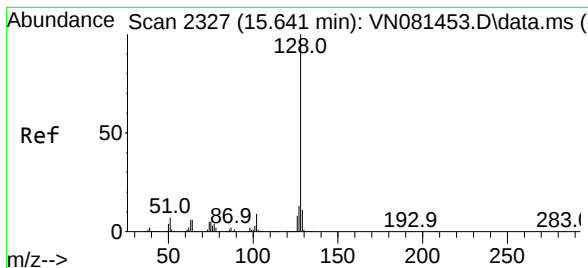
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#94
Hexachlorobutadiene
Concen: 45.333 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

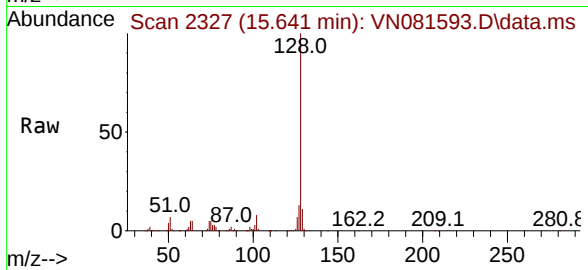
Tgt Ion:225 Resp: 123324
Ion Ratio Lower Upper
225 100
223 65.4 33.3 99.8
227 64.3 33.1 99.2





#95
Naphthalene
Concen: 53.744 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

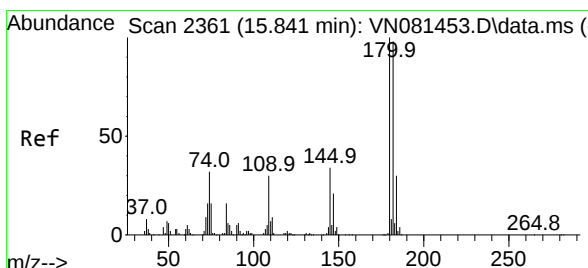
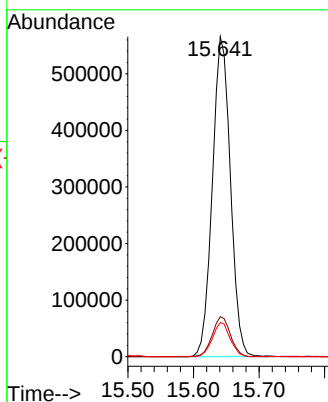
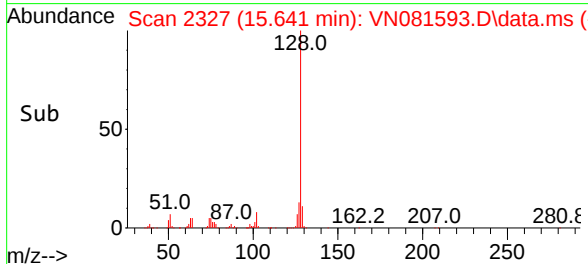
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 1079749
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.173 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081593.D
Acq: 27 Mar 2024 18:20

Tgt Ion:180 Resp: 319147
Ion Ratio Lower Upper
180 100
182 93.3 46.5 139.3
145 33.7 17.8 53.4

