

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082654.D
 Acq On : 19 Jun 2024 20:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2024
 Supervised By : Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 03:07:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	180508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	304097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	282548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147530	50.966	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.940%			
35) Dibromofluoromethane	8.171	113	103194	50.022	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.040%			
50) Toluene-d8	10.570	98	399380	51.193	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.380%			
62) 4-Bromofluorobenzene	12.853	95	136722	50.833	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 101.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	113808	45.144	ug/l	99
3) Chloromethane	2.359	50	129646	42.899	ug/l	98
4) Vinyl Chloride	2.512	62	129831	45.142	ug/l	100
5) Bromomethane	2.936	94	77277	41.740	ug/l	98
6) Chloroethane	3.106	64	100030	48.775	ug/l	93
7) Trichlorofluoromethane	3.489	101	180607	48.134	ug/l	99
8) Diethyl Ether	3.965	74	63243	49.492	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	102309	48.679	ug/l	99
10) Methyl Iodide	4.589	142	115142	57.514	ug/l	97
11) Tert butyl alcohol	5.530	59	116344	245.576	ug/l	99
12) 1,1-Dichloroethene	4.336	96	93850	46.696	ug/l	94
13) Acrolein	4.177	56	105455	218.511	ug/l	95
14) Allyl chloride	5.024	41	167025	42.493	ug/l	97
15) Acrylonitrile	5.724	53	310840	248.563	ug/l	100
16) Acetone	4.430	43	301896	229.322	ug/l	99
17) Carbon Disulfide	4.706	76	282691	44.290	ug/l	99
18) Methyl Acetate	5.030	43	170044	52.812	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	336572	48.923	ug/l	99
20) Methylene Chloride	5.283	84	109528	47.323	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	98646	46.183	ug/l	97
22) Diisopropyl ether	6.677	45	406234	49.281	ug/l	99
23) Vinyl Acetate	6.606	43	1610361	246.351	ug/l	100
24) 1,1-Dichloroethane	6.571	63	211483	47.360	ug/l	100
25) 2-Butanone	7.488	43	454544	242.916	ug/l	100
26) 2,2-Dichloropropane	7.494	77	127757	32.980	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	120201	46.704	ug/l	94
28) Bromochloromethane	7.818	49	100345	49.240	ug/l	99
29) Tetrahydrofuran	7.841	42	310929	271.434	ug/l	99
30) Chloroform	7.971	83	210980	48.435	ug/l	98
31) Cyclohexane	8.259	56	182598	43.709	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	187232	47.400	ug/l	99
36) 1,1-Dichloropropene	8.371	75	146934	47.646	ug/l	99
37) Ethyl Acetate	7.565	43	186725	47.533	ug/l	100
38) Carbon Tetrachloride	8.365	117	162077	46.635	ug/l	98
39) Methylcyclohexane	9.606	83	149533	46.074	ug/l	98
40) Benzene	8.606	78	455218	47.772	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	99953	49.777	ug/l	98
42) 1,2-Dichloroethane	8.671	62	173467	47.859	ug/l	100
43) Isopropyl Acetate	8.694	43	342387	46.638	ug/l	98
44) Trichloroethene	9.353	130	100378	45.365	ug/l	100
45) 1,2-Dichloropropane	9.623	63	116825	47.630	ug/l	98
46) Dibromomethane	9.712	93	80182	48.226	ug/l	99
47) Bromodichloromethane	9.888	83	171467	48.373	ug/l	100
48) Methyl methacrylate	9.682	41	152017	50.230	ug/l	99
49) 1,4-Dioxane	9.700	88	52958	1118.702	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	993448	263.829	ug/l	100
52) Toluene	10.635	92	287742	49.827	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	172150	47.507	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	177473	47.361	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	107300	51.336	ug/l	97
56) Ethyl methacrylate	10.876	69	183340	52.961	ug/l	99
57) 1,3-Dichloropropane	11.165	76	190013	49.175	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	499153	272.569	ug/l	98
59) 2-Hexanone	11.200	43	759539	265.392	ug/l	99
60) Dibromochloromethane	11.359	129	130313	51.074	ug/l	98
61) 1,2-Dibromoethane	11.470	107	108370	49.176	ug/l	97
64) Tetrachloroethene	11.106	164	94120	40.401	ug/l	95
65) Chlorobenzene	11.894	112	306964	47.376	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	112980	48.901	ug/l	99
67) Ethyl Benzene	11.965	91	547879	49.626	ug/l	100
68) m/p-Xylenes	12.076	106	419183	102.059	ug/l	100
69) o-Xylene	12.400	106	200956	52.077	ug/l	97
70) Styrene	12.412	104	353371	53.955	ug/l	99
71) Bromoform	12.582	173	91739	50.223	ug/l #	100
73) Isopropylbenzene	12.700	105	509425	47.409	ug/l	99
74) N-amyl acetate	12.494	43	286541	49.967	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	165984	47.356	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	158310m	45.741	ug/l	
77) Bromobenzene	12.982	156	127550	46.116	ug/l	99
78) n-propylbenzene	13.035	91	619793	48.763	ug/l	100
79) 2-Chlorotoluene	13.129	91	375902	47.160	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	437892	50.217	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	59082	40.841	ug/l	89
82) 4-Chlorotoluene	13.223	91	377390	47.396	ug/l	99
83) tert-Butylbenzene	13.441	119	366372	49.324	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	443661	50.718	ug/l	100
85) sec-Butylbenzene	13.617	105	512546	48.587	ug/l	100
86) p-Isopropyltoluene	13.729	119	432578	50.922	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	232673	46.397	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	234411	44.720	ug/l	99
89) n-Butylbenzene	14.059	91	360290	47.814	ug/l	100
90) Hexachloroethane	14.335	117	87348	47.258	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	225998	46.155	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35152	47.389	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	111780	43.292	ug/l	99
94) Hexachlorobutadiene	15.505	225	48742	38.287	ug/l	98
95) Naphthalene	15.641	128	390880	49.207	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	117743	44.747	ug/l	98

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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

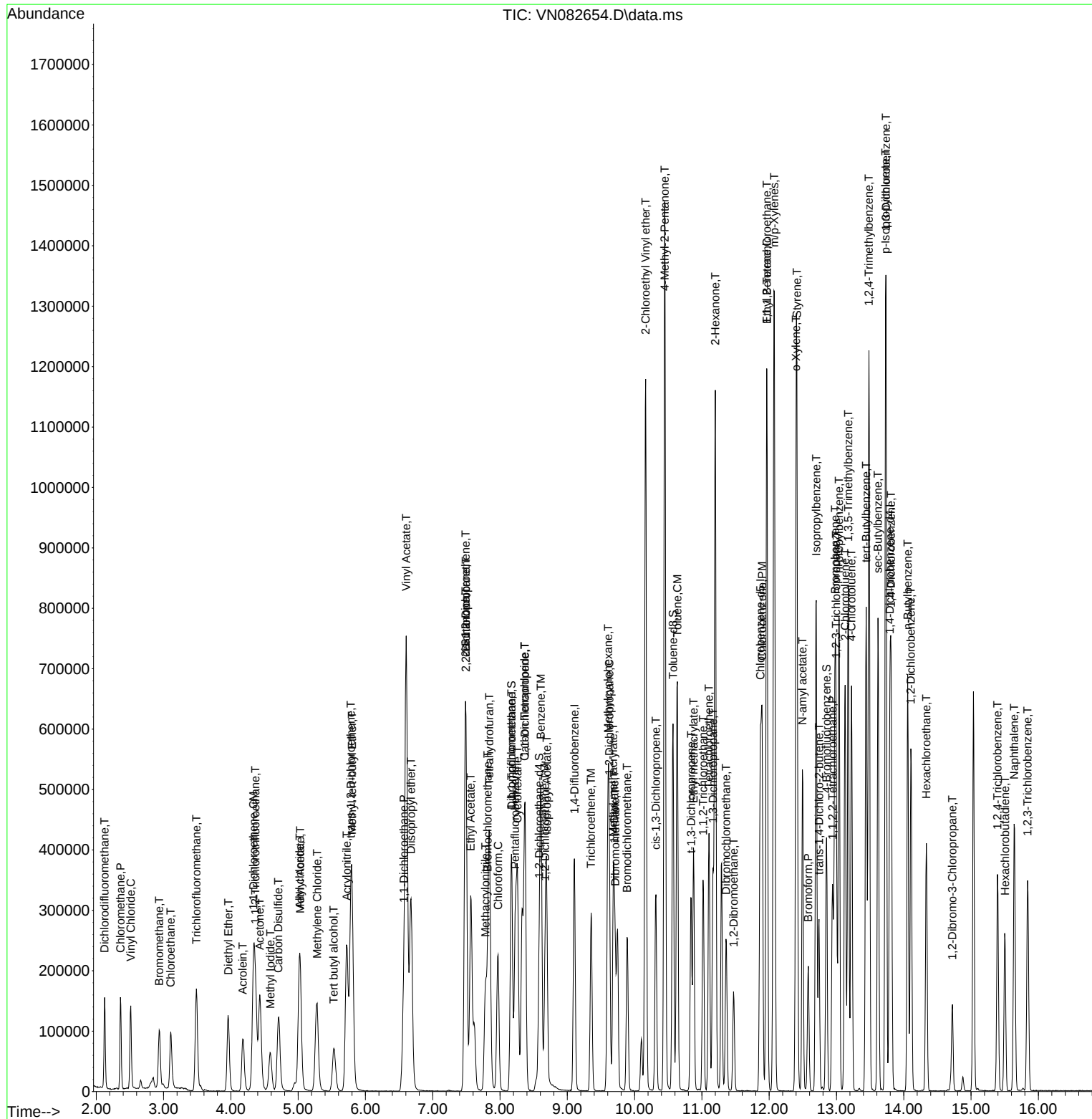
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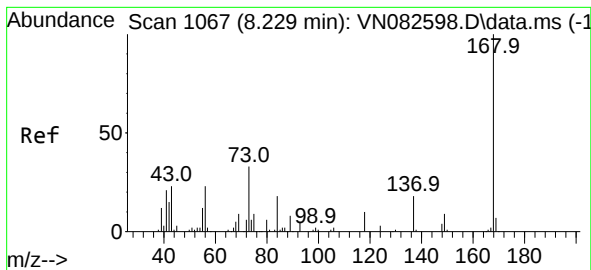
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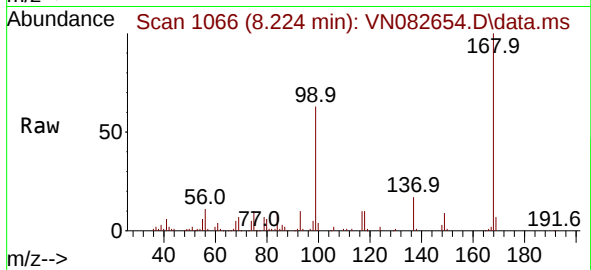
Reviewed By : John Carlone 06/20/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082654.D
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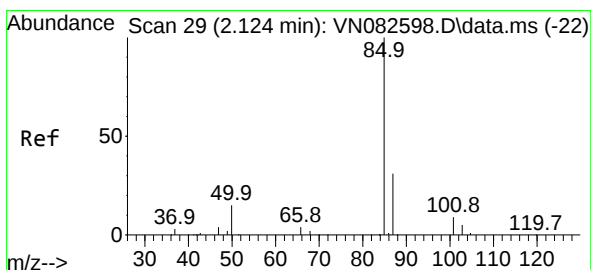
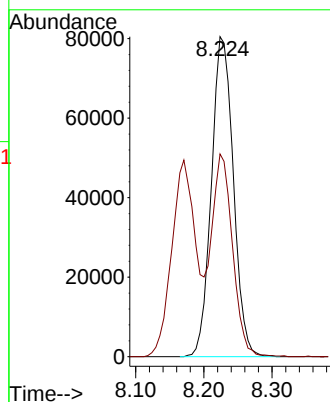
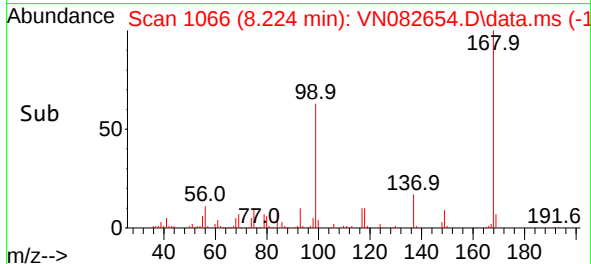
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Tgt Ion:168 Resp: 180508
Ion Ratio Lower Upper
168 100
99 63.1 48.2 72.4

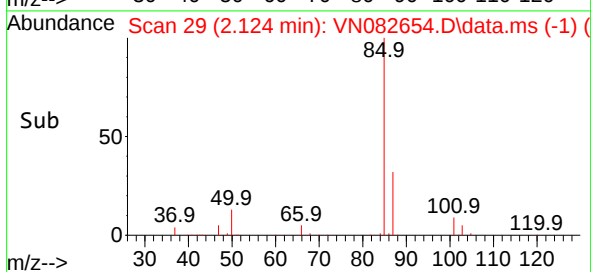
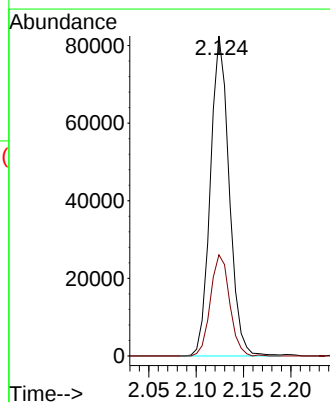
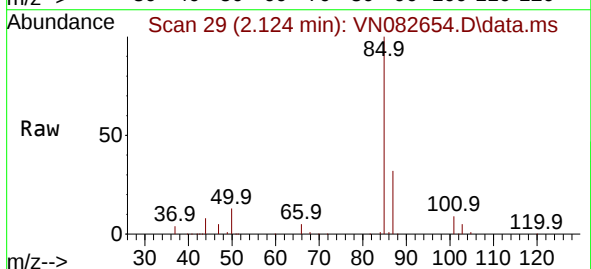
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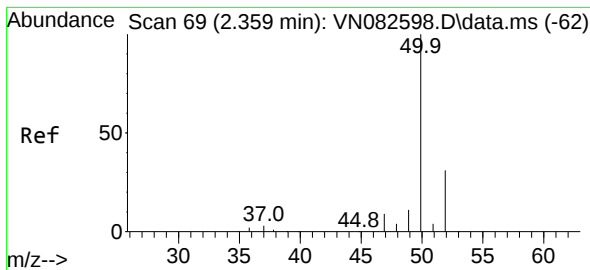
Reviewed By :John Carlone 06/20/2024
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#2
Dichlorodifluoromethane
Concen: 45.144 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Tgt Ion: 85 Resp: 113808
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0





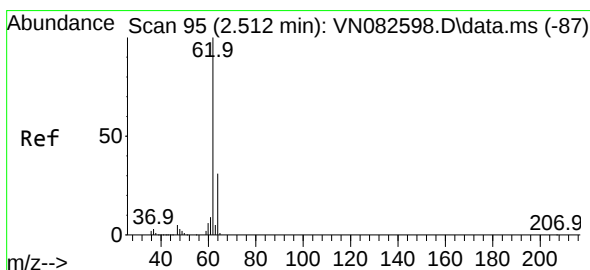
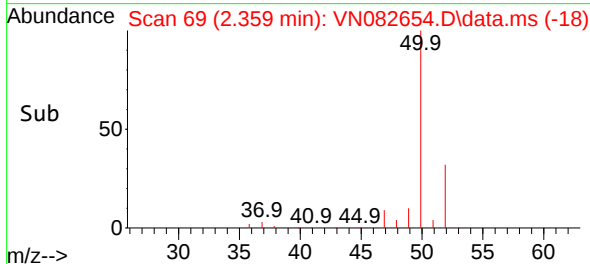
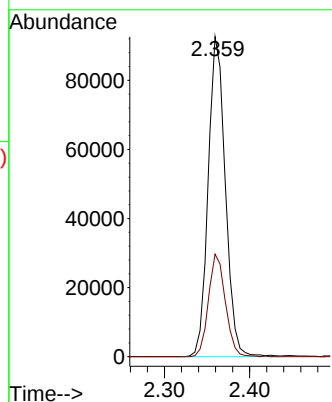
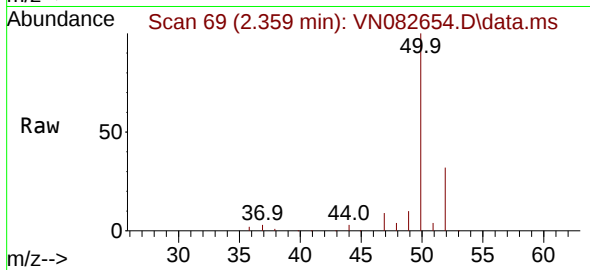
#3
Chloromethane
Concen: 42.899 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

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Tgt Ion: 50 Resp: 129640
Ion Ratio Lower Upper
50 100
52 32.0 25.0 37.4

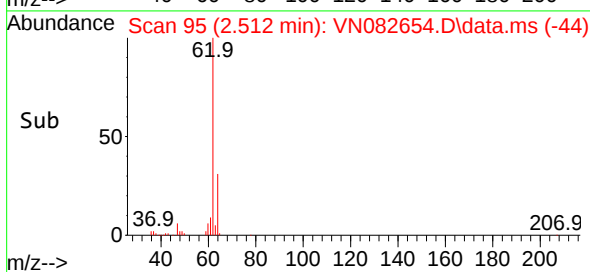
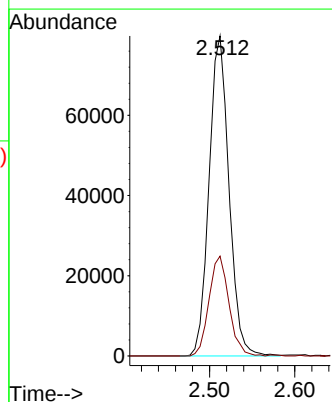
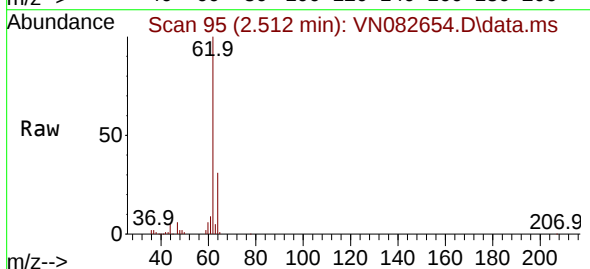
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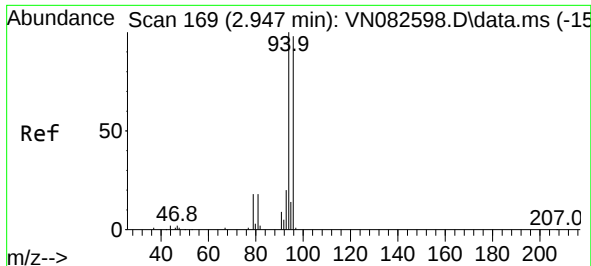
Reviewed By :John Carlone 06/20/2024
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#4
Vinyl Chloride
Concen: 45.142 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

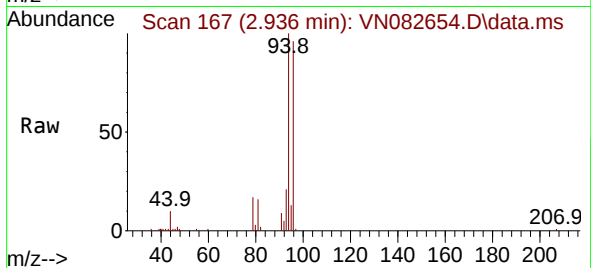
Tgt Ion: 62 Resp: 129831
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.6





#5
Bromomethane
Concen: 41.740 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.011 min
Lab File: VN082654.D
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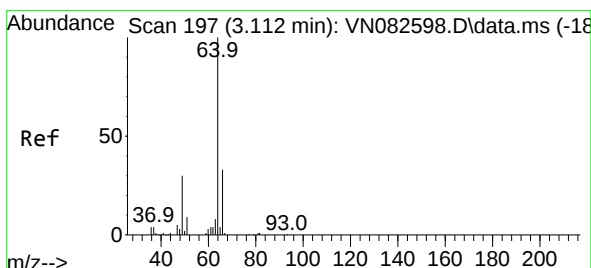
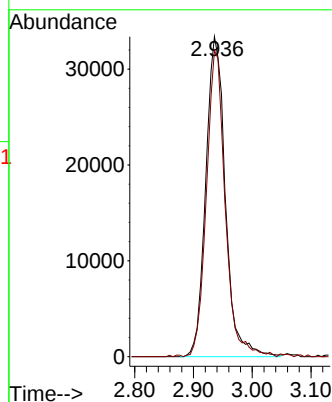
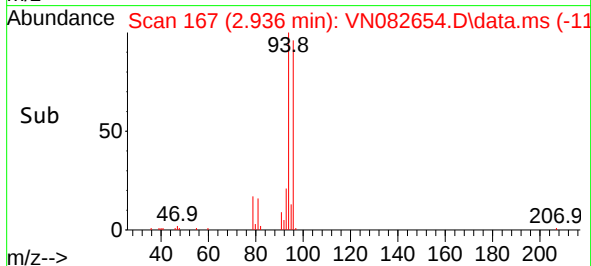
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Tgt Ion: 94 Resp: 7727
Ion Ratio Lower Upper
94 100
96 95.2 78.0 117.0

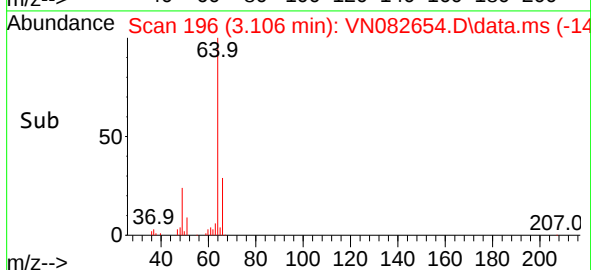
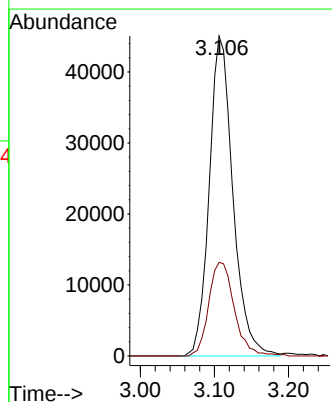
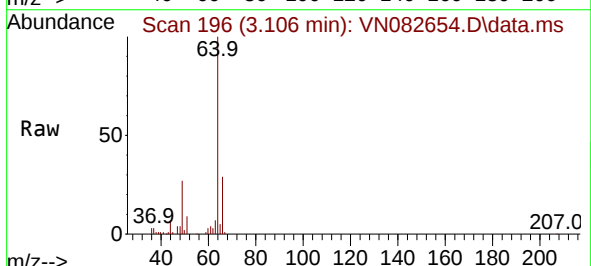
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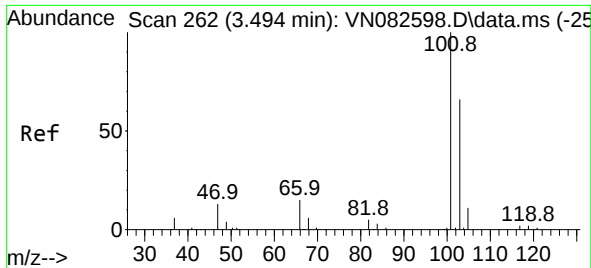
Reviewed By :John Carlone 06/20/2024
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#6
Chloroethane
Concen: 48.775 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

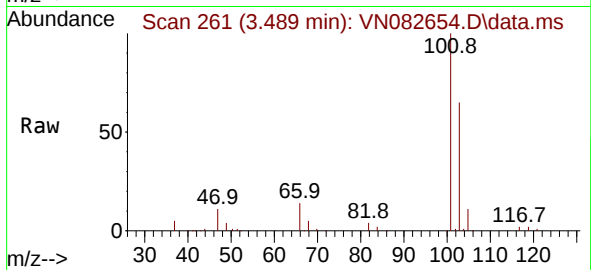
Tgt Ion: 64 Resp: 100030
Ion Ratio Lower Upper
64 100
66 29.3 26.6 40.0





#7
Trichlorofluoromethane
Concen: 48.134 ug/l
RT: 3.489 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

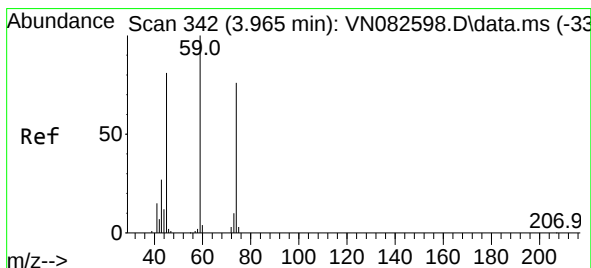
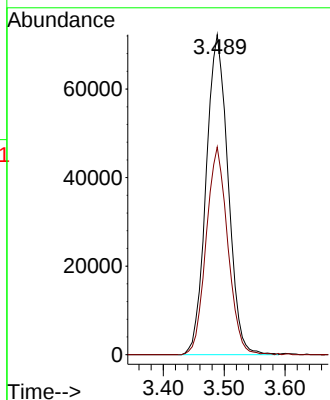
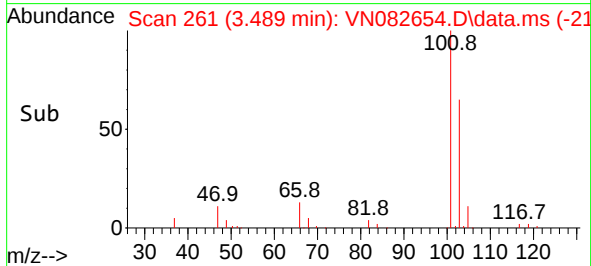
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Tgt Ion:101 Resp: 18060
Ion Ratio Lower Upper
101 100
103 64.9 52.7 79.1

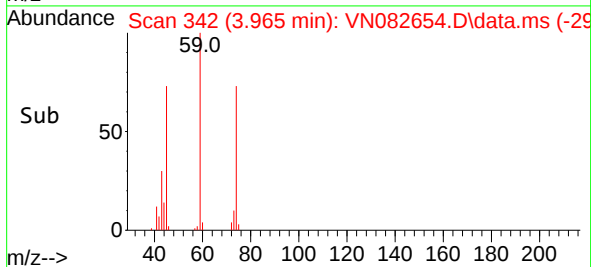
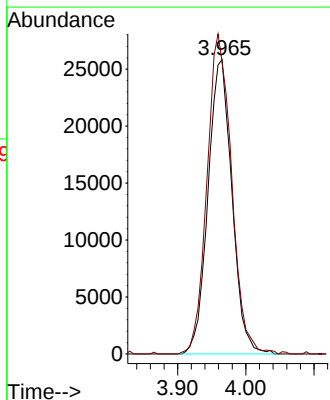
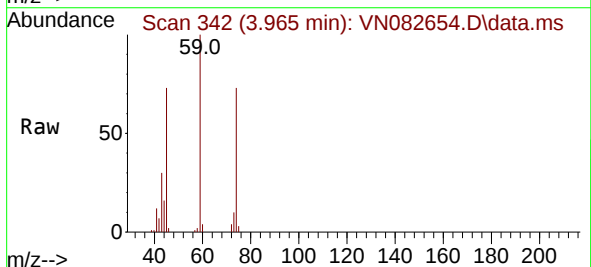
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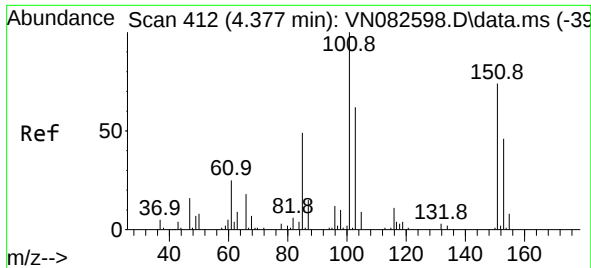
Reviewed By :John Carlone 06/20/2024
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#8
Diethyl Ether
Concen: 49.492 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Tgt Ion: 74 Resp: 63243
Ion Ratio Lower Upper
74 100
45 111.4 55.5 166.3





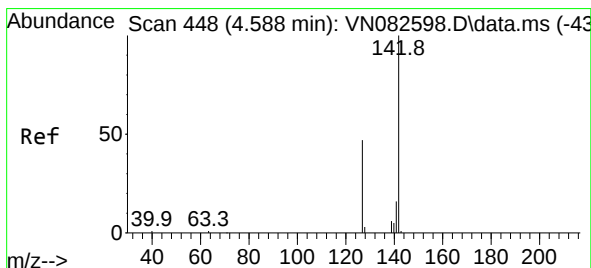
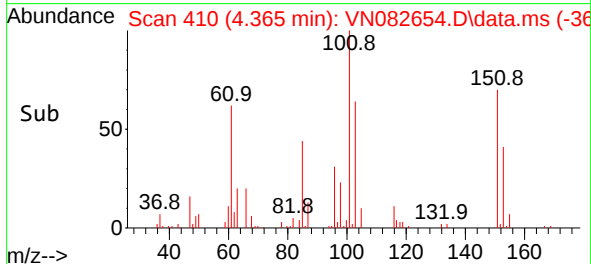
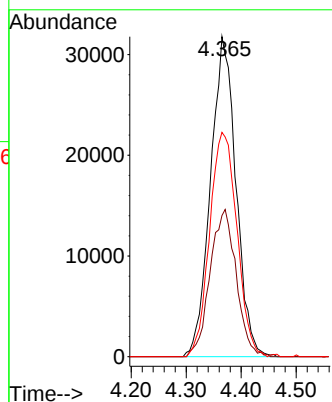
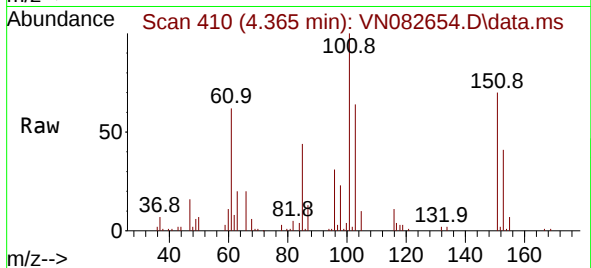
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.679 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 102309
Ion Ratio Lower Upper
101 100
85 47.3 38.3 57.5
151 75.1 59.3 88.9

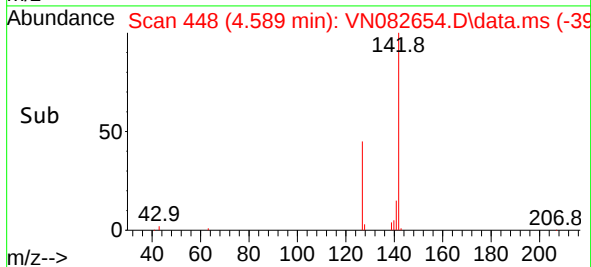
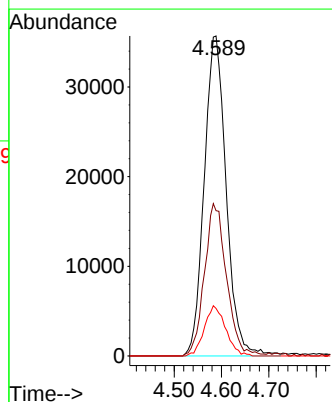
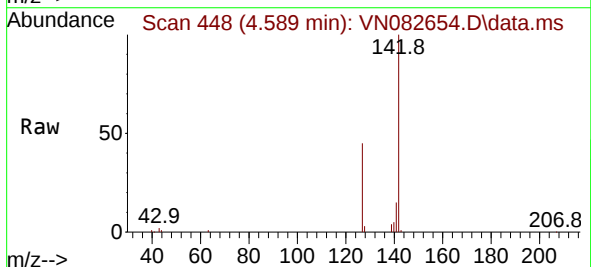
Manual Integrations
APPROVED

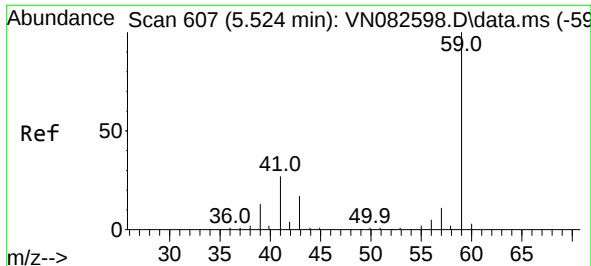
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#10
Methyl Iodide
Concen: 57.514 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Tgt Ion:142 Resp: 115142
Ion Ratio Lower Upper
142 100
127 45.4 37.5 56.3
141 14.8 13.1 19.7





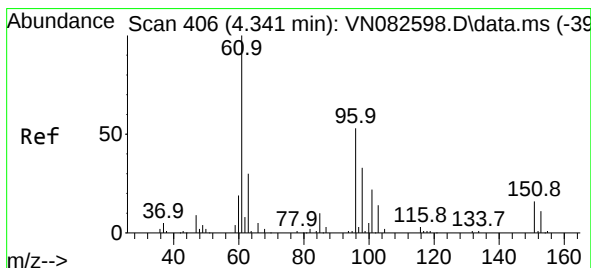
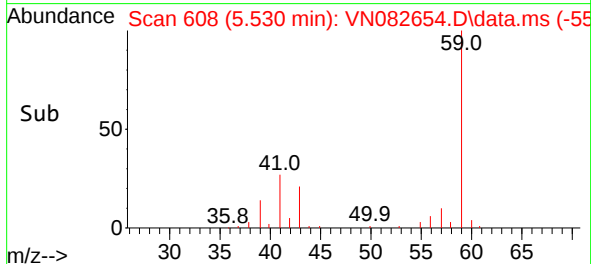
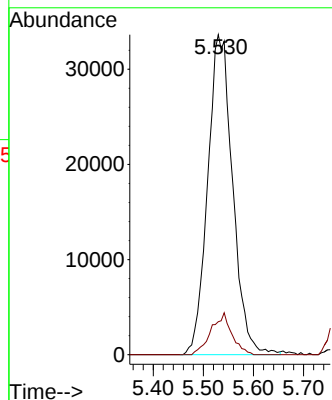
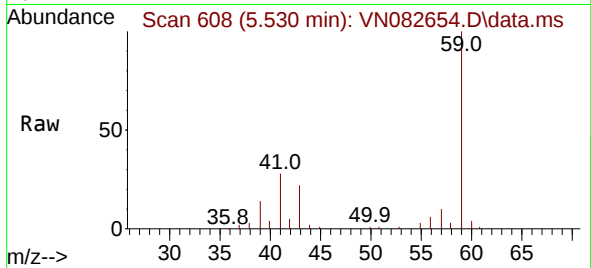
#11
Tert butyl alcohol
Concen: 245.576 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 116344
Ion Ratio Lower Upper
59 100
57 10.9 8.9 13.3

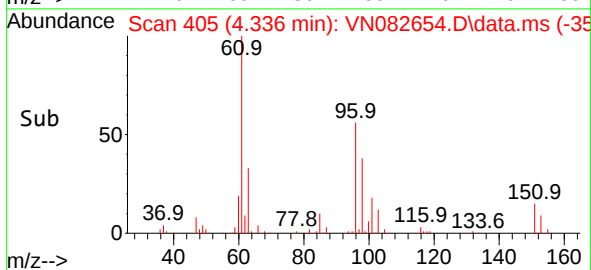
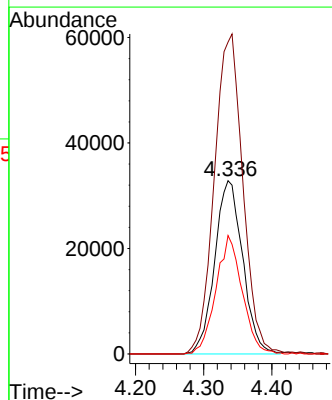
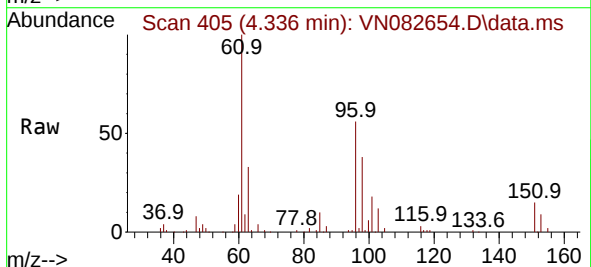
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#12
1,1-Dichloroethene
Concen: 46.696 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

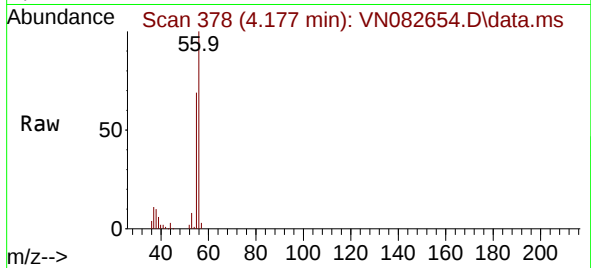
Tgt Ion: 96 Resp: 93850
Ion Ratio Lower Upper
96 100
61 179.9 149.7 224.5
98 68.4 50.1 75.1





#13
Acrolein
Concen: 218.511 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

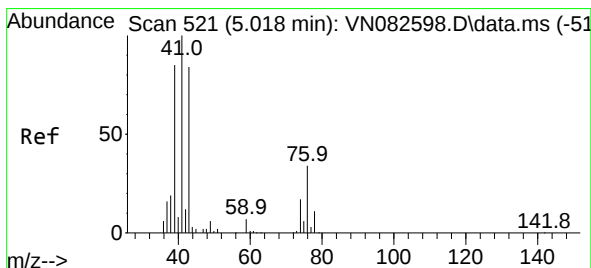
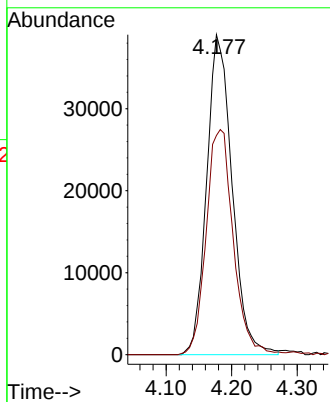
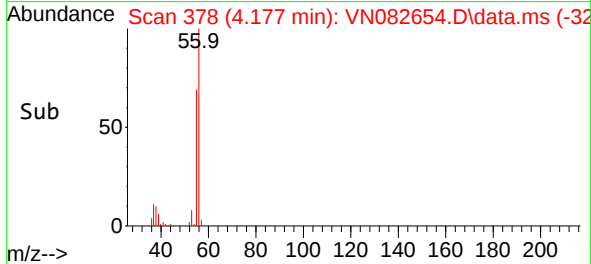
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 10545
Ion Ratio Lower Upper
56 100
55 74.6 56.4 84.6

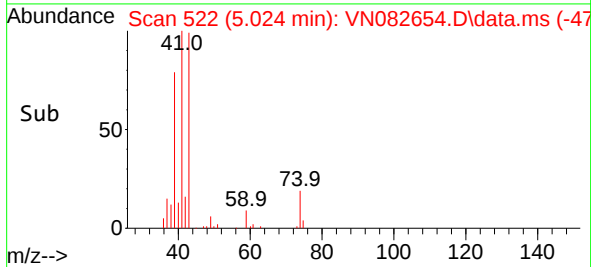
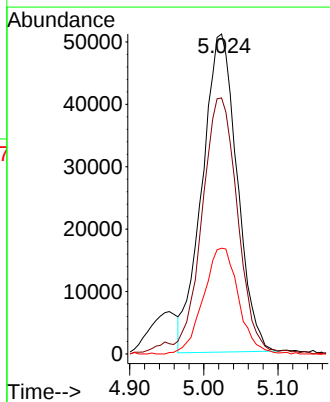
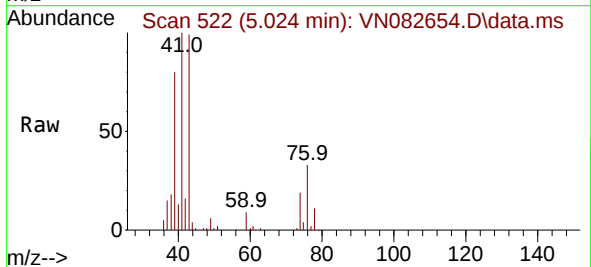
Manual Integrations
APPROVED

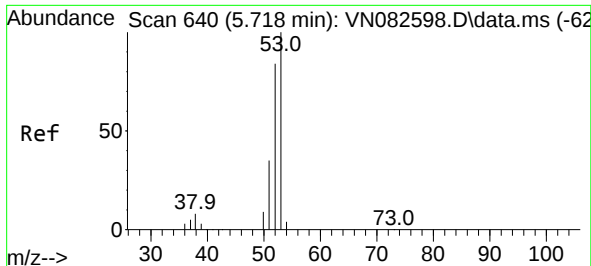
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#14
Allyl chloride
Concen: 42.493 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

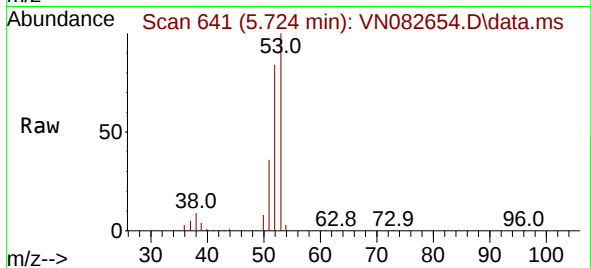
Tgt Ion: 41 Resp: 167025
Ion Ratio Lower Upper
41 100
39 82.2 67.8 101.6
76 33.4 25.8 38.8





#15
Acrylonitrile
Concen: 248.563 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

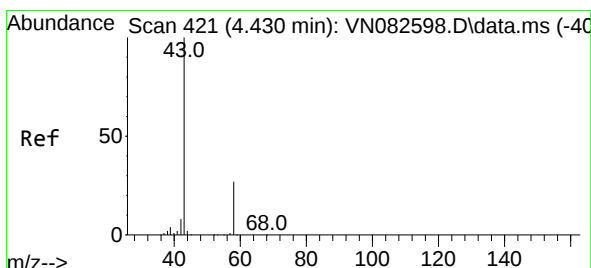
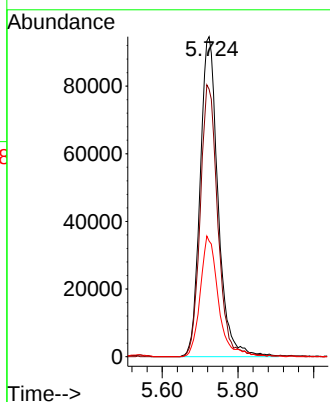
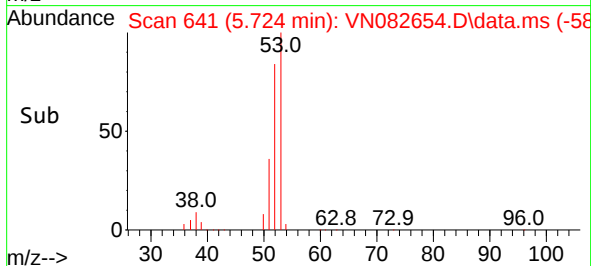
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 310840
Ion Ratio Lower Upper
53 100
52 83.1 66.6 100.0
51 38.0 30.1 45.1

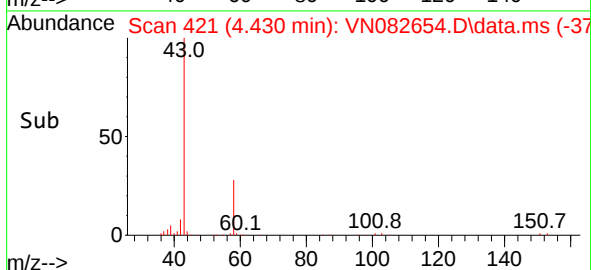
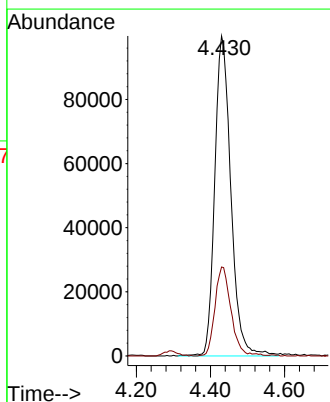
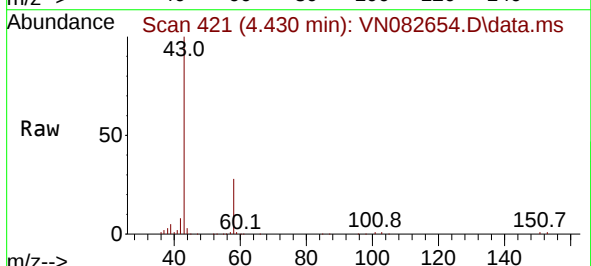
Manual Integrations
APPROVED

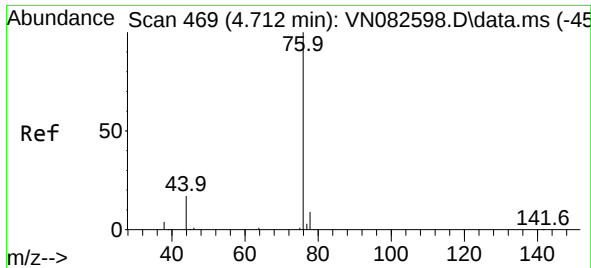
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#16
Acetone
Concen: 229.322 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Tgt Ion: 43 Resp: 301896
Ion Ratio Lower Upper
43 100
58 27.5 21.8 32.6





#17
Carbon Disulfide
Concen: 44.290 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

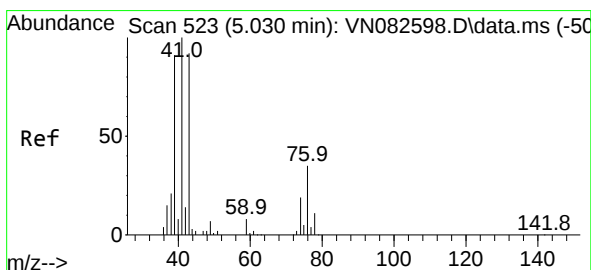
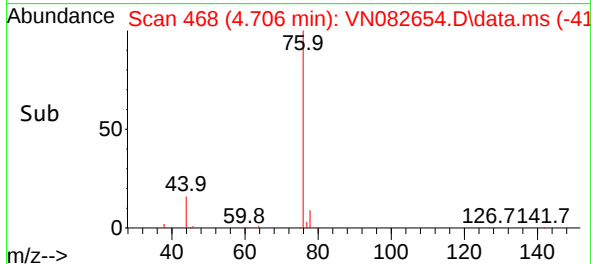
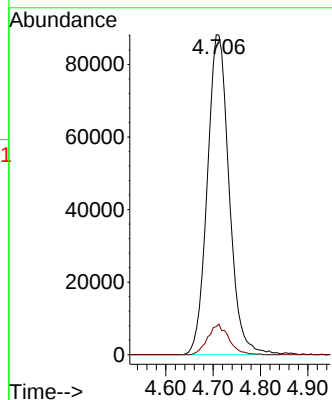
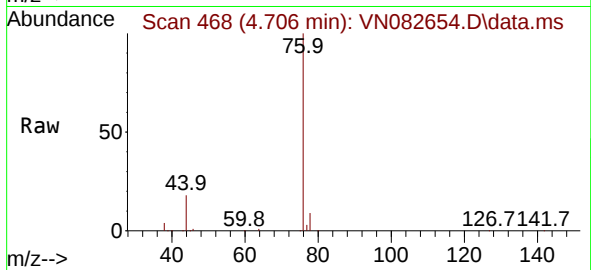
VSTDCCC050EC

Tgt Ion: 76 Resp: 28269
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

Manual Integrations

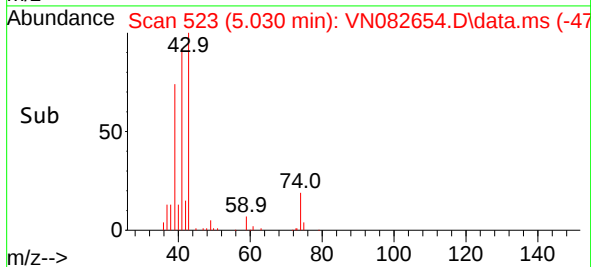
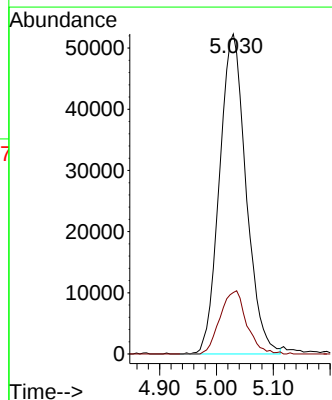
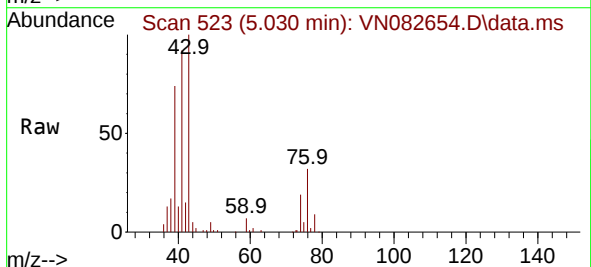
APPROVED

Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#18
Methyl Acetate
Concen: 52.812 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

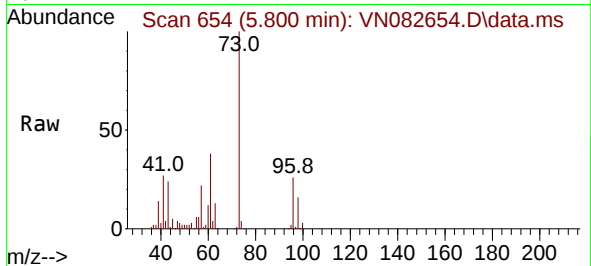
Tgt Ion: 43 Resp: 170044
Ion Ratio Lower Upper
43 100
74 19.7 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 48.923 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

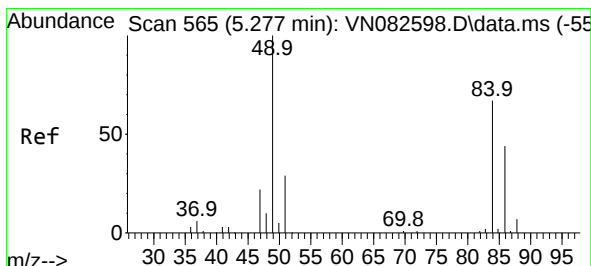
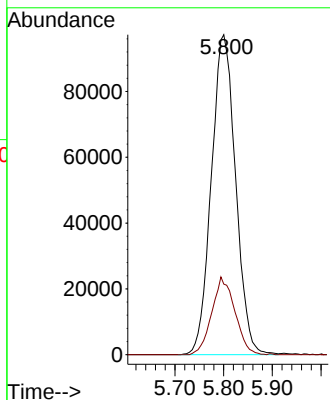
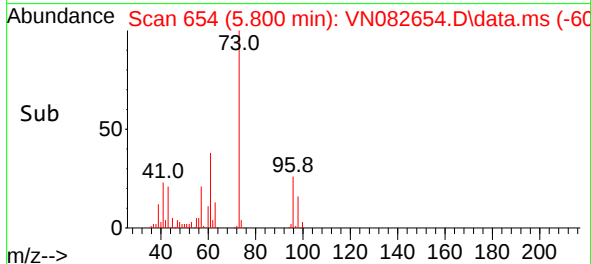
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 336572
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9

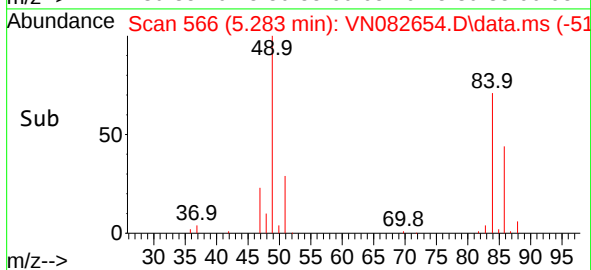
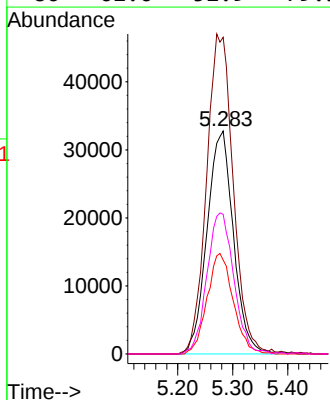
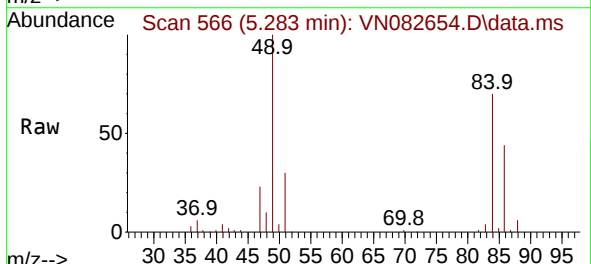
Manual Integrations
APPROVED

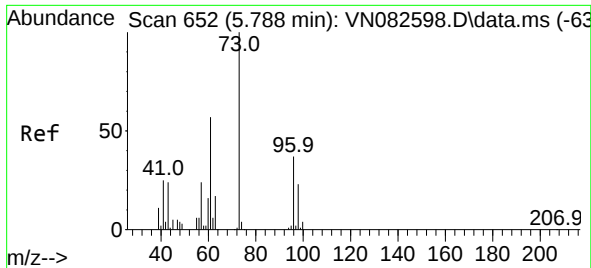
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#20
Methylene Chloride
Concen: 47.323 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

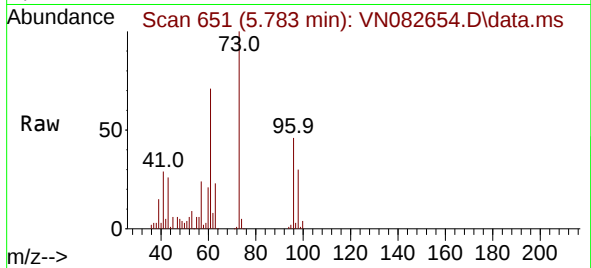
Tgt Ion: 84 Resp: 109528
Ion Ratio Lower Upper
84 100
49 142.1 119.6 179.4
51 42.1 34.8 52.2
86 62.6 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 46.183 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

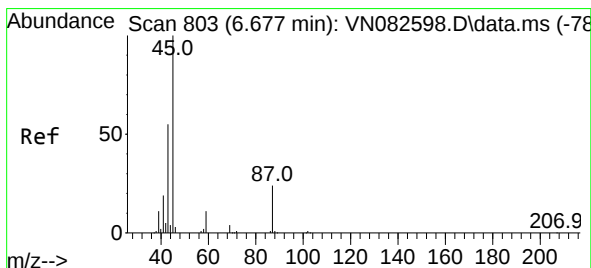
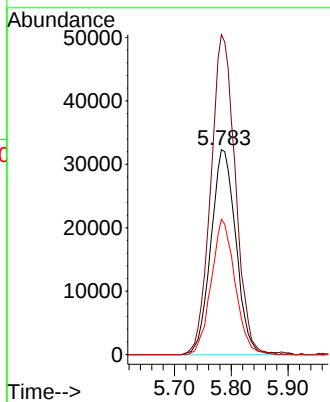
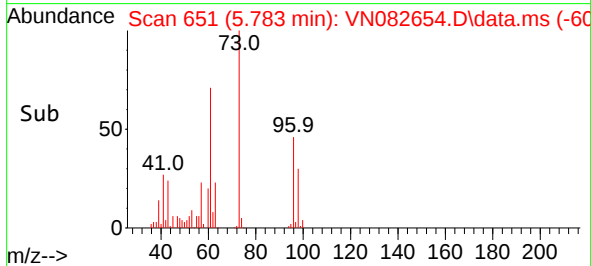
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 98640
Ion Ratio Lower Upper
96 100
61 156.2 123.4 185.2
98 66.1 49.3 73.9

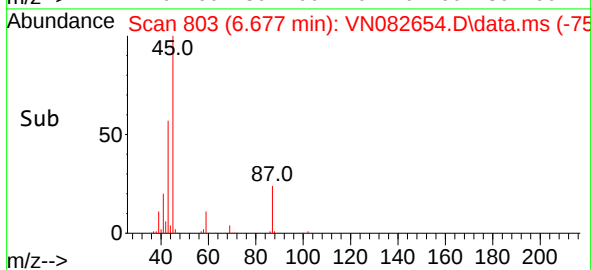
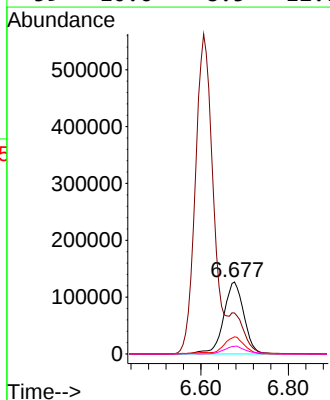
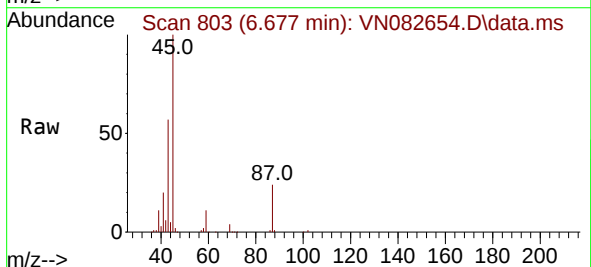
Manual Integrations
APPROVED

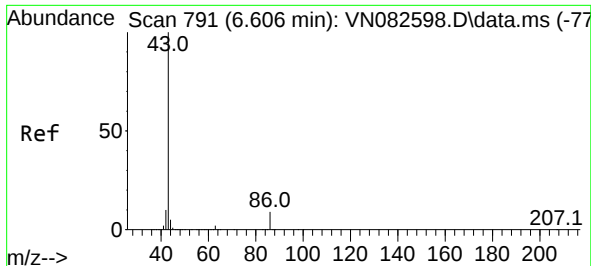
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#22
Diisopropyl ether
Concen: 49.281 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Tgt Ion: 45 Resp: 406234
Ion Ratio Lower Upper
45 100
43 56.0 44.0 66.0
87 23.9 19.7 29.5
59 10.6 8.5 12.7





#23
 Vinyl Acetate
 Concen: 246.351 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082654.D
 Acq: 19 Jun 2024 20:31

Instrument :

MSVOA_N

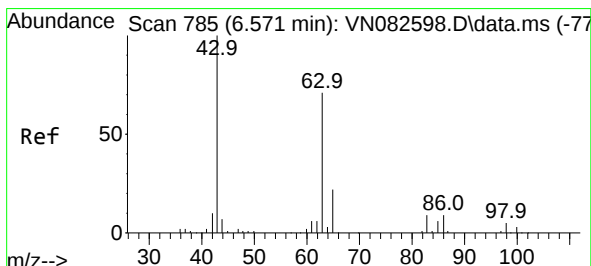
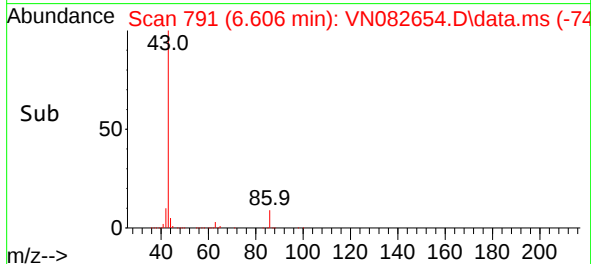
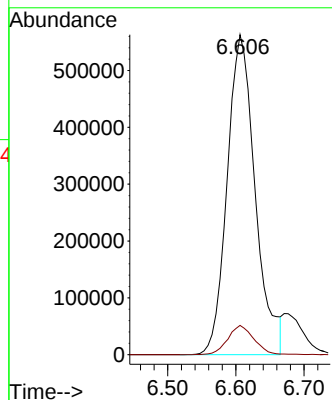
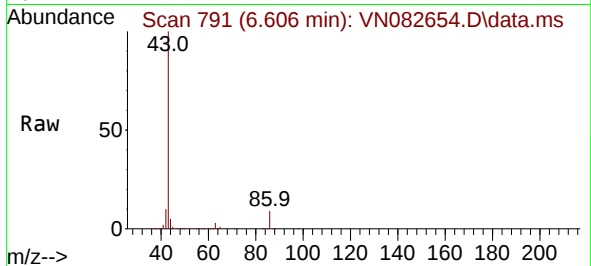
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 161036
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9

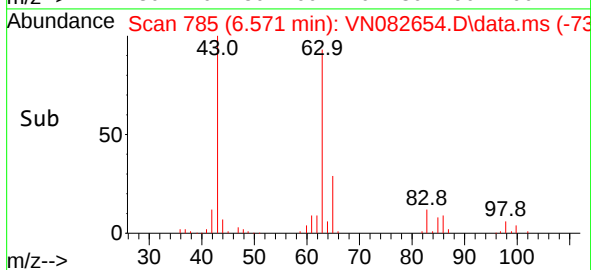
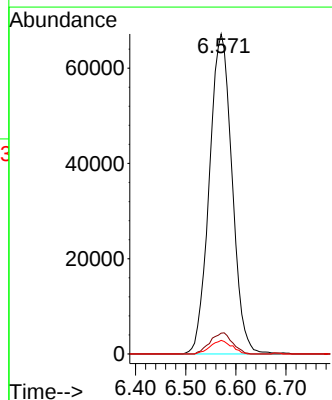
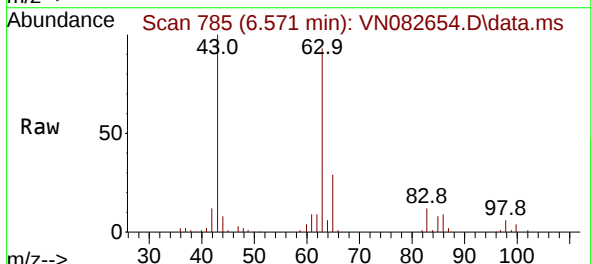
Manual Integrations
 APPROVED

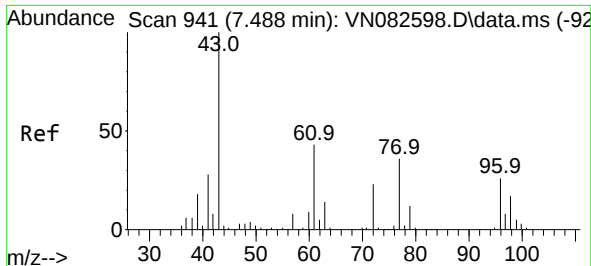
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024



#24
 1,1-Dichloroethane
 Concen: 47.360 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082654.D
 Acq: 19 Jun 2024 20:31

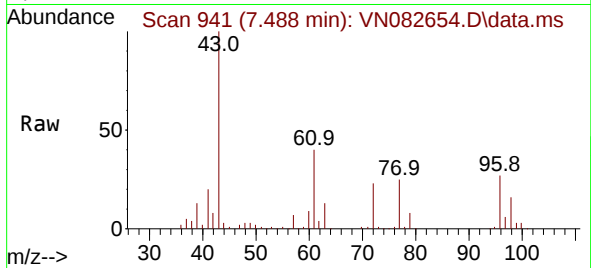
Tgt Ion: 63 Resp: 211483
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.3 2.0 6.0





#25
2-Butanone
Concen: 242.916 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

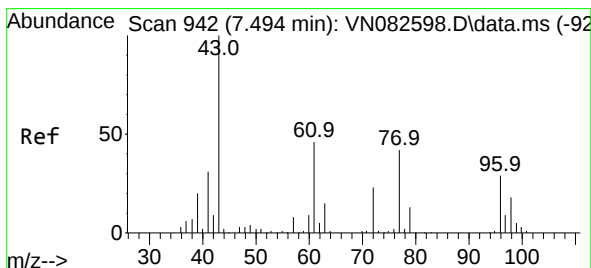
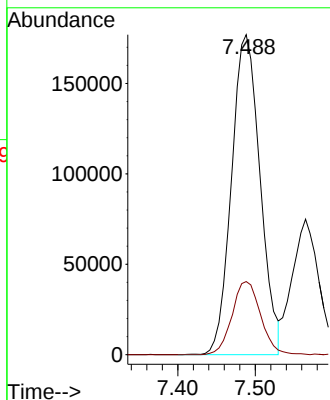
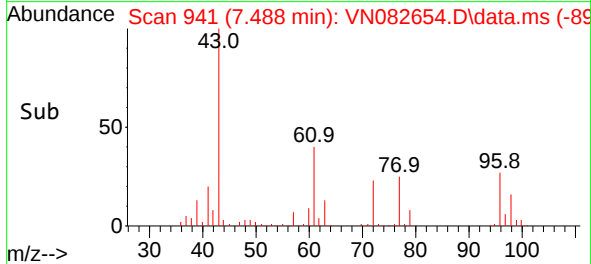
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



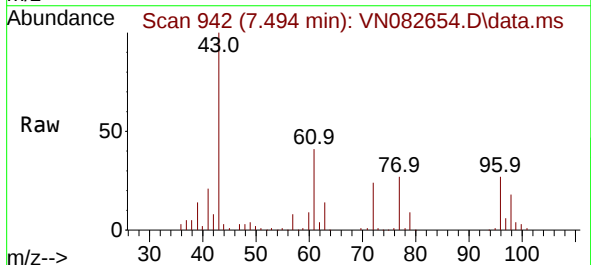
Tgt Ion: 43 Resp: 454544
Ion Ratio Lower Upper
43 100
72 22.8 18.2 27.2

Manual Integrations
APPROVED

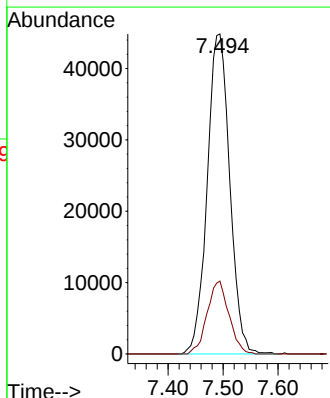
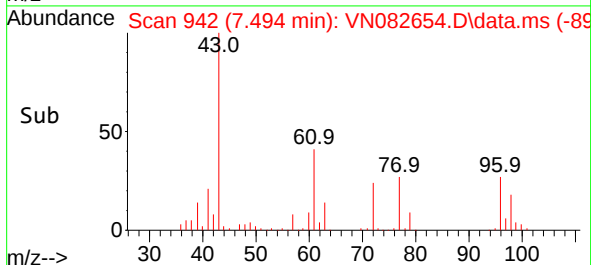
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

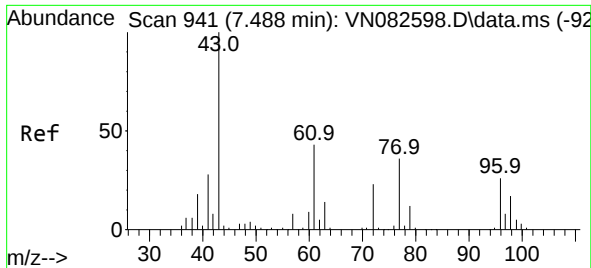


#26
2,2-Dichloropropane
Concen: 32.980 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31



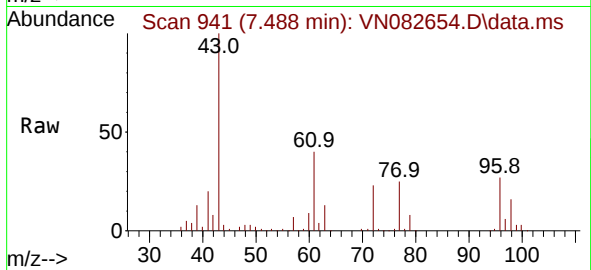
Tgt Ion: 77 Resp: 127757
Ion Ratio Lower Upper
77 100
97 22.0 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 46.704 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082654.D
 Acq: 19 Jun 2024 20:31

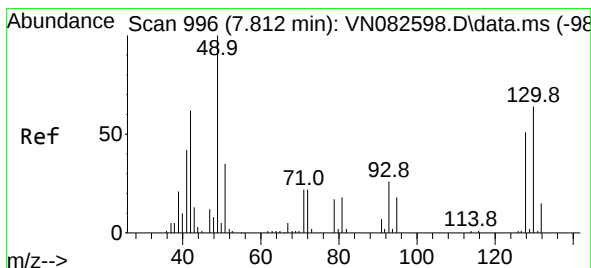
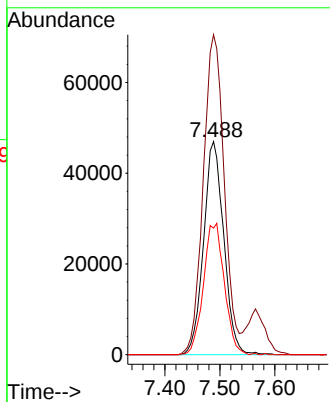
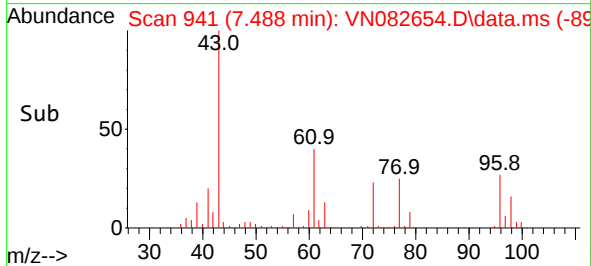
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 12020
 Ion Ratio Lower Upper
 96 100
 61 154.8 0.0 329.6
 98 63.7 0.0 128.6

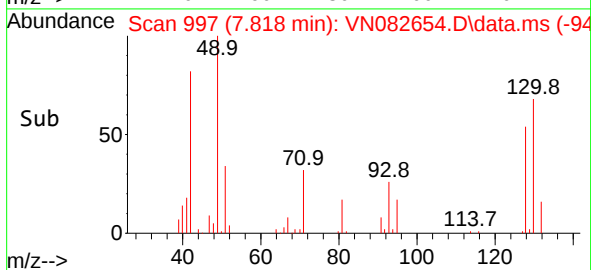
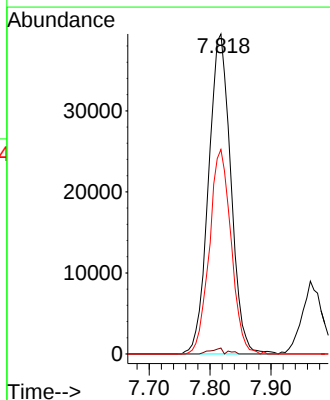
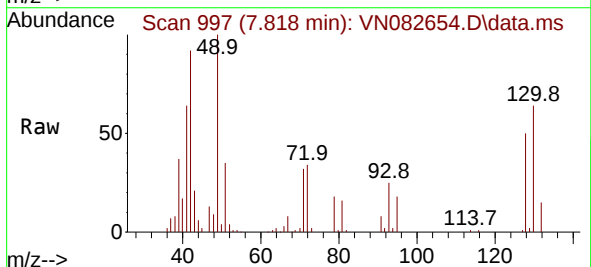
Manual Integrations
 APPROVED

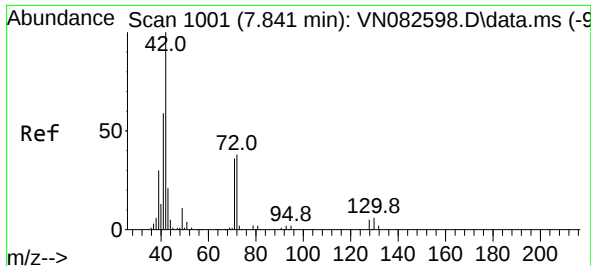
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024



#28
 Bromochloromethane
 Concen: 49.240 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082654.D
 Acq: 19 Jun 2024 20:31

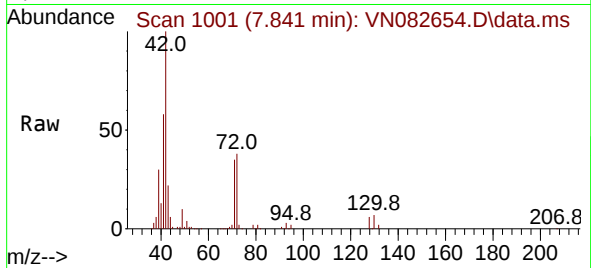
Tgt Ion: 49 Resp: 100345
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.8
 130 62.2 50.5 75.7





#29
Tetrahydrofuran
Concen: 271.434 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

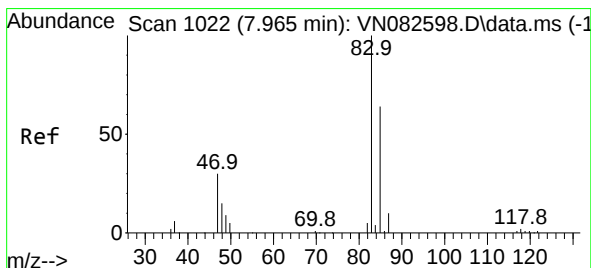
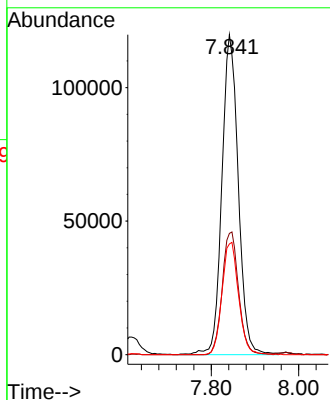
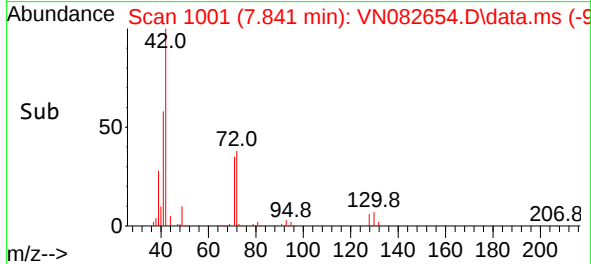
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 310929
Ion Ratio Lower Upper
42 100
72 38.3 30.0 45.0
71 35.3 28.3 42.5

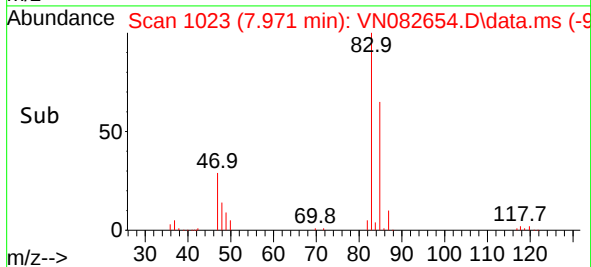
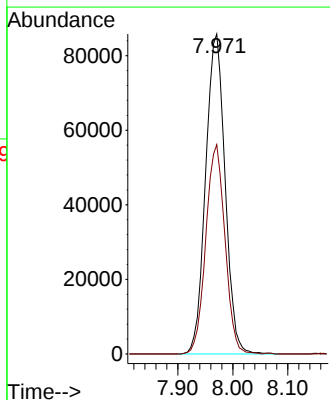
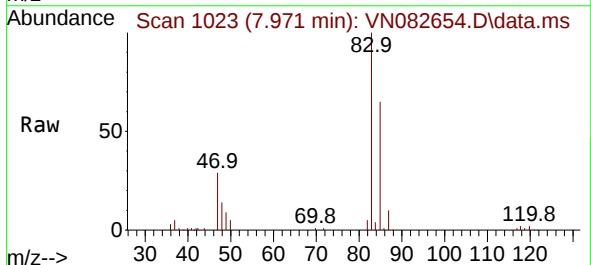
Manual Integrations
APPROVED

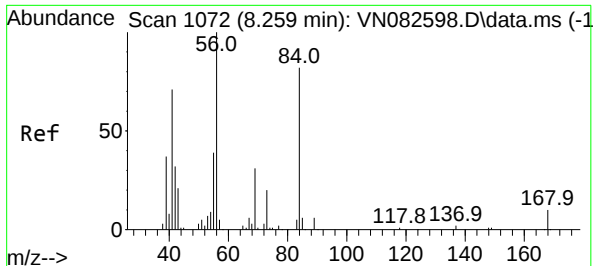
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#30
Chloroform
Concen: 48.435 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Tgt Ion: 83 Resp: 210980
Ion Ratio Lower Upper
83 100
85 65.4 50.9 76.3





#31

Cyclohexane

Concen: 43.709 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 182598

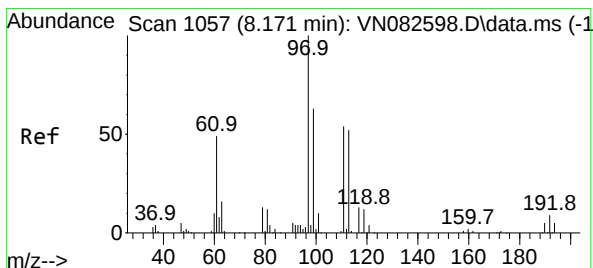
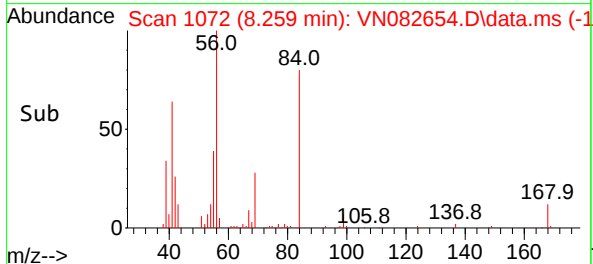
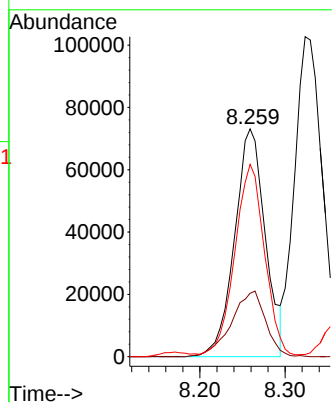
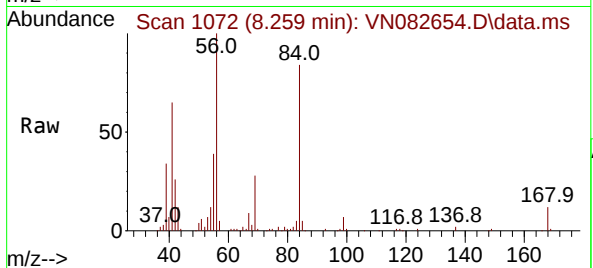
Ion	Ratio	Lower	Upper
56	100		
69	27.2	24.5	36.7
84	82.7	66.0	99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#32

1,1,1-Trichloroethane

Concen: 47.400 ug/l

RT: 8.171 min Scan# 1057

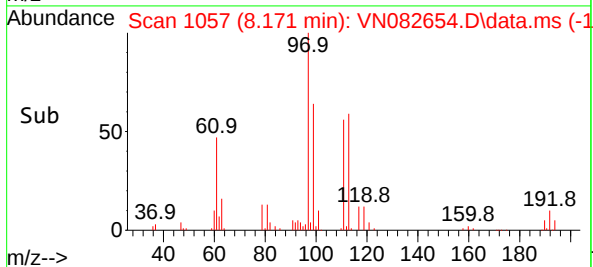
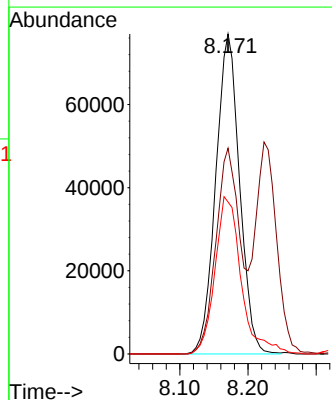
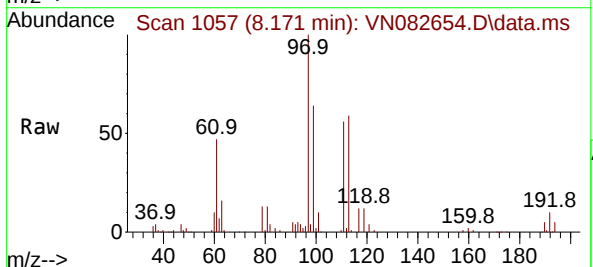
Delta R.T. 0.000 min

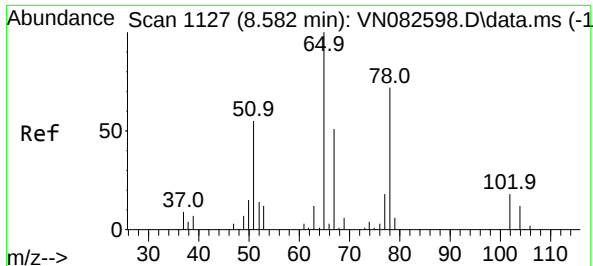
Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Tgt Ion: 97 Resp: 187232

Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.0	78.0
61	54.1	42.1	63.1





#33

1,2-Dichloroethane-d4

Concen: 50.966 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 147530

Ion Ratio Lower Upper

65 100

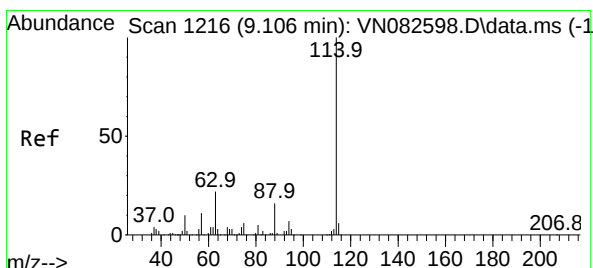
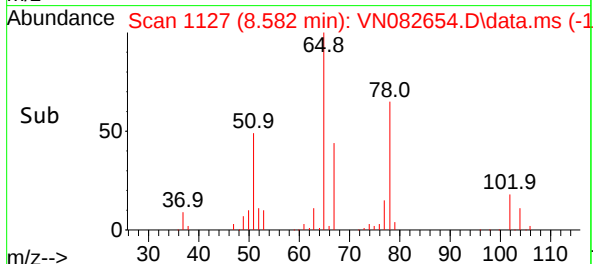
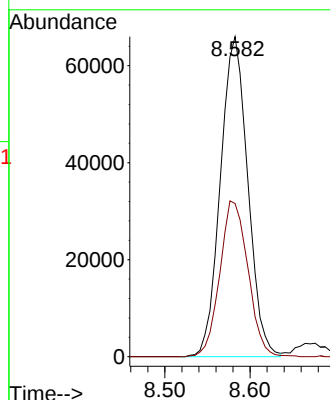
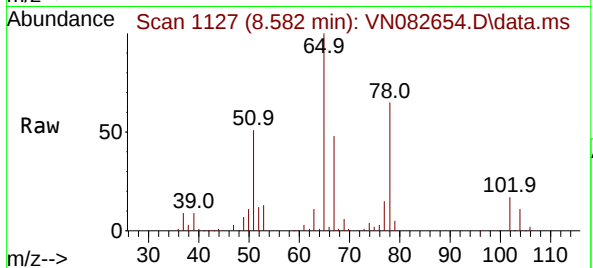
67 50.0 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

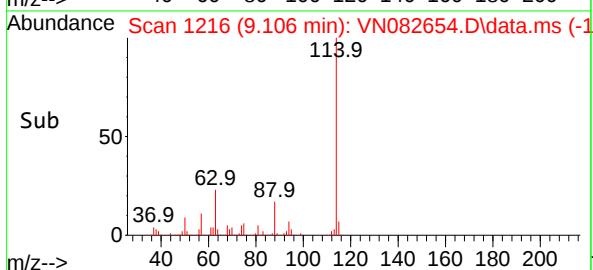
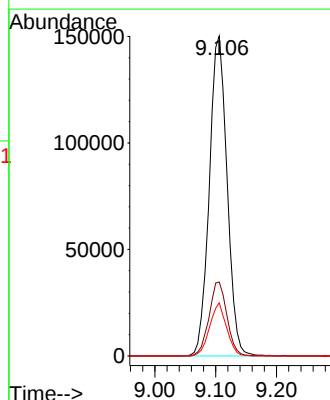
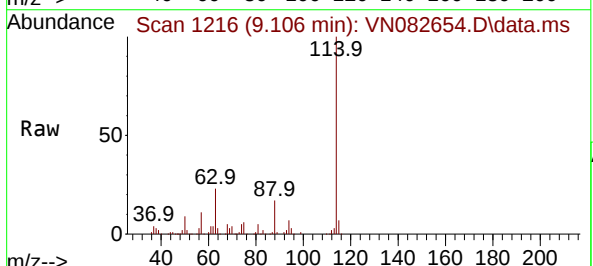
Tgt Ion:114 Resp: 304097

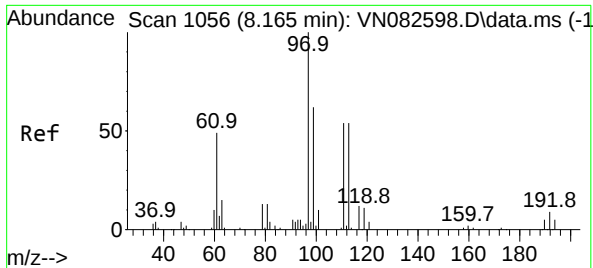
Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

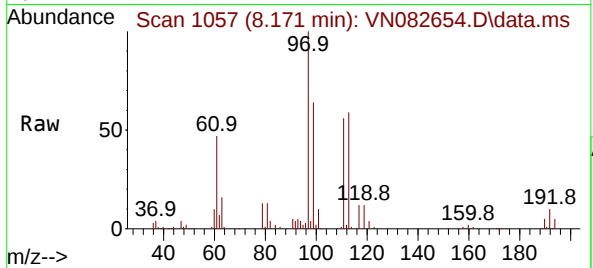
88 16.6 0.0 31.4





#35
Dibromofluoromethane
Concen: 50.022 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

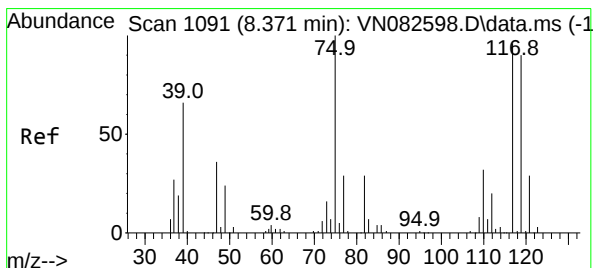
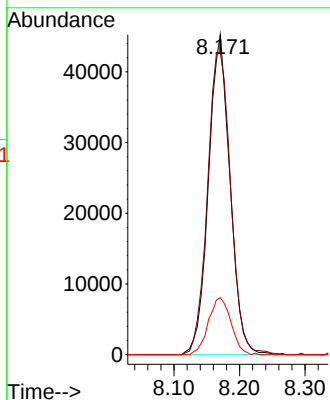
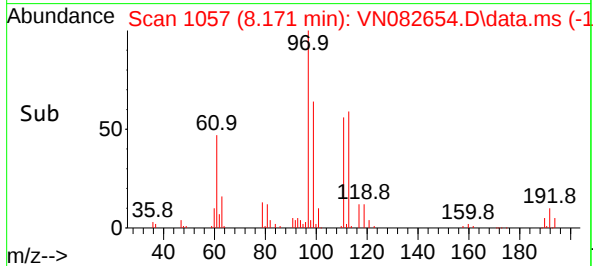
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 103194
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 18.6 14.9 22.3

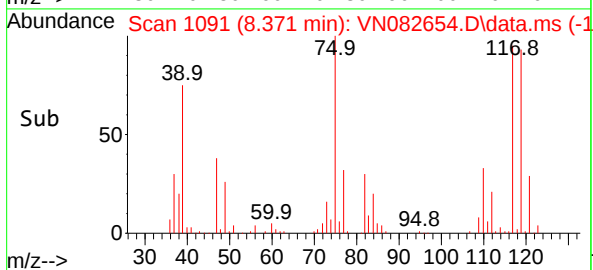
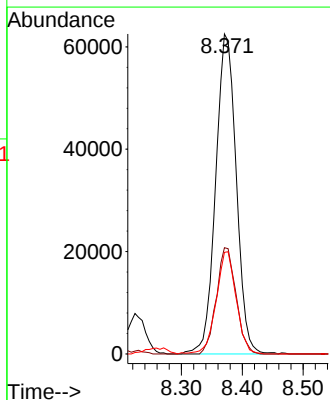
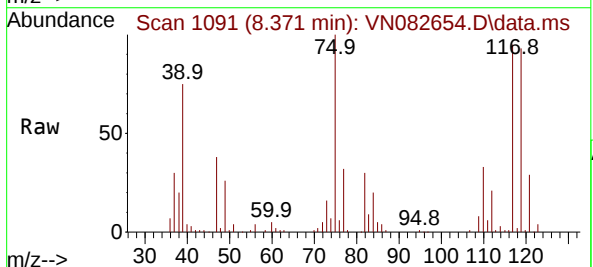
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#36
1,1-Dichloropropene
Concen: 47.646 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

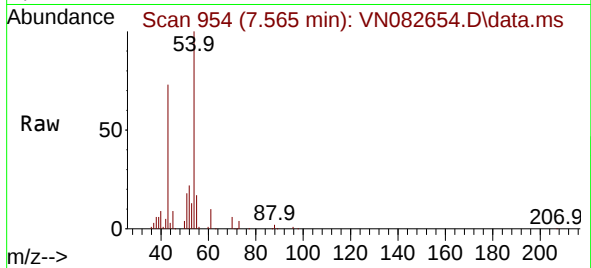
Tgt Ion: 75 Resp: 146934
Ion Ratio Lower Upper
75 100
110 31.6 16.3 48.9
77 31.1 24.6 37.0





#37
Ethyl Acetate
Concen: 47.533 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

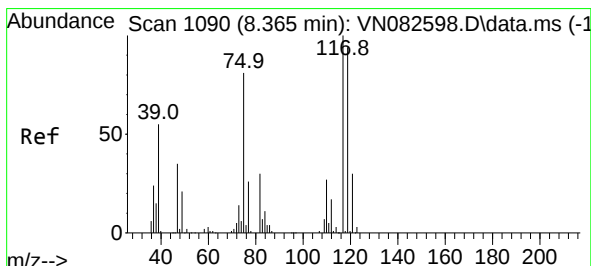
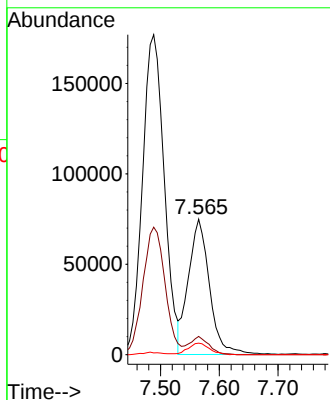
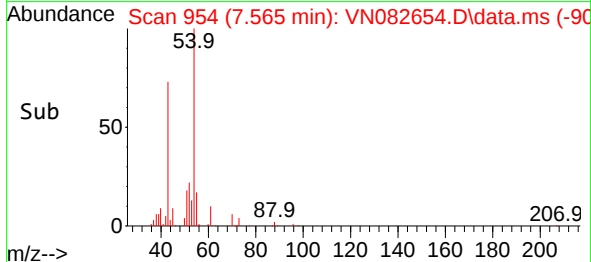
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 186725
Ion Ratio Lower Upper
43 100
61 11.7 9.3 13.9
70 8.7 7.0 10.6

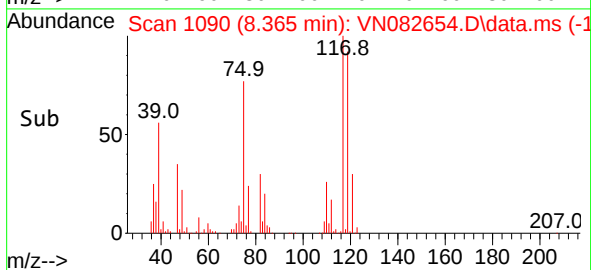
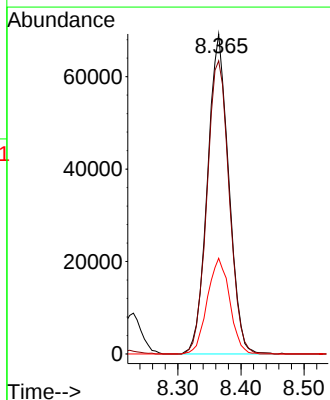
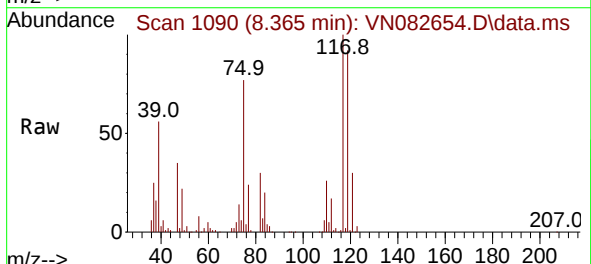
Manual Integrations
APPROVED

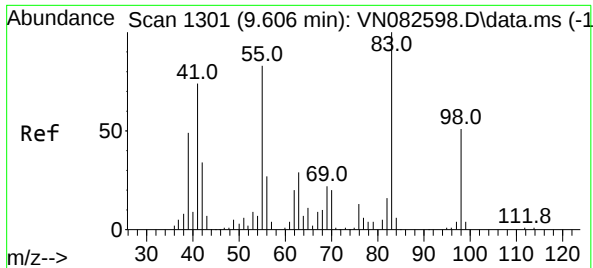
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#38
Carbon Tetrachloride
Concen: 46.635 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

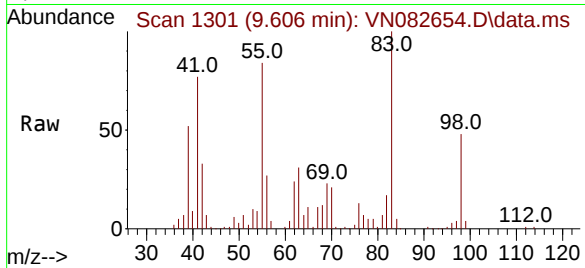
Tgt Ion:117 Resp: 162077
Ion Ratio Lower Upper
117 100
119 91.6 74.9 112.3
121 29.9 24.3 36.5





#39
Methylcyclohexane
Concen: 46.074 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

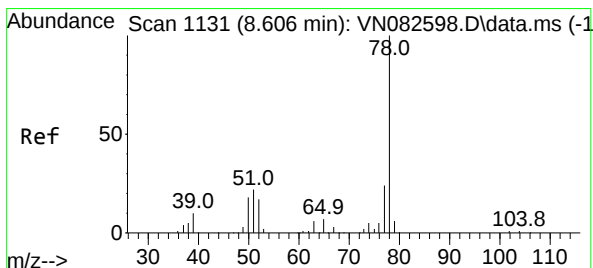
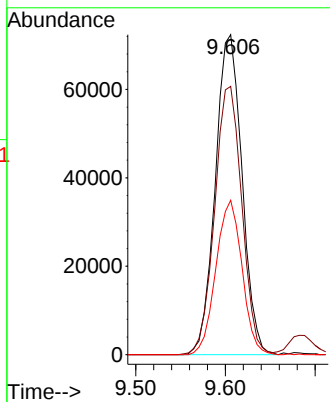
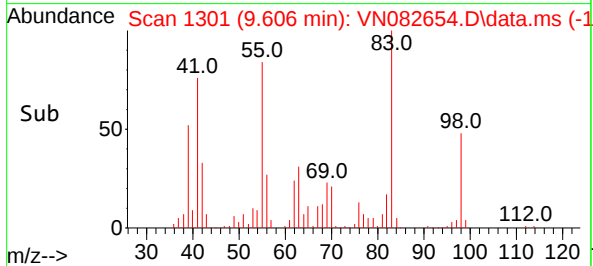
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



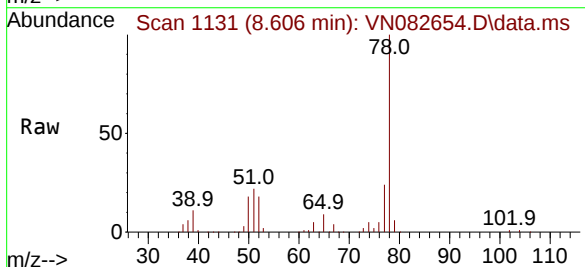
Tgt Ion: 83 Resp: 14953
Ion Ratio Lower Upper
83 100
55 83.9 66.4 99.6
98 48.2 40.7 61.1

Manual Integrations
APPROVED

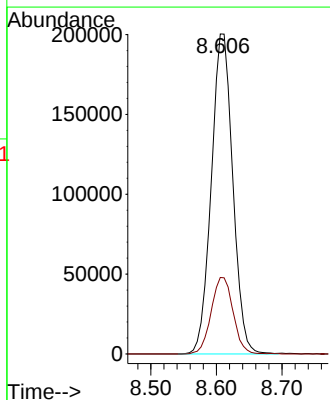
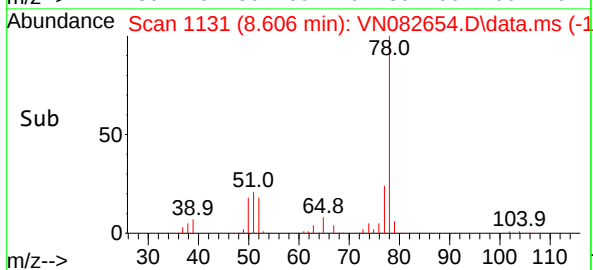
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

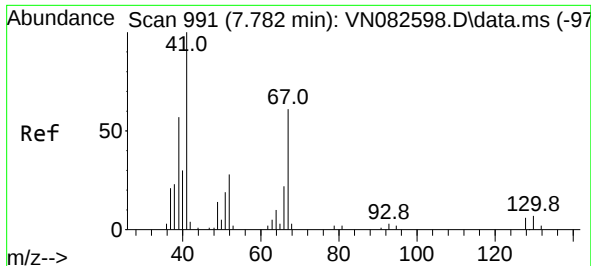


#40
Benzene
Concen: 47.772 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31



Tgt Ion: 78 Resp: 455218
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





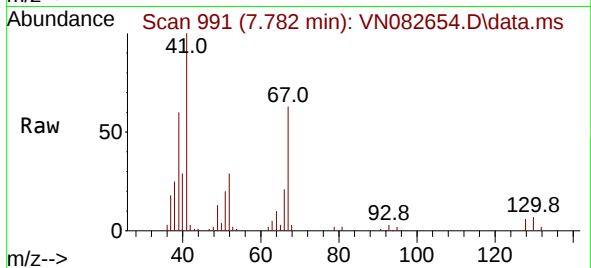
#41
Methacrylonitrile
Concen: 49.777 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



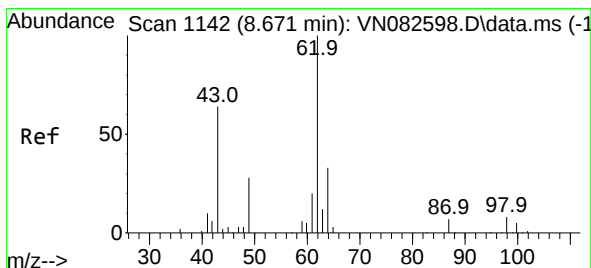
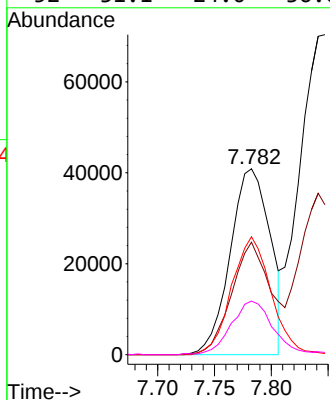
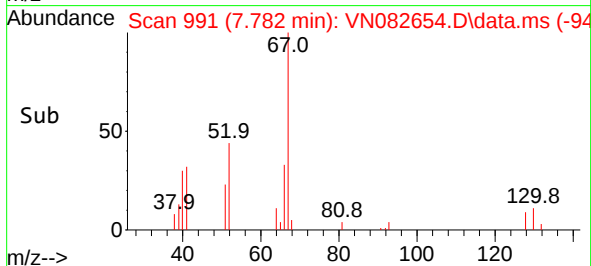
Tgt Ion: 41 Resp: 9995
Ion Ratio Lower Upper
41 100
39 60.7 45.5 68.3
67 63.1 50.5 75.7
52 31.1 24.0 36.0

Manual Integrations

APPROVED

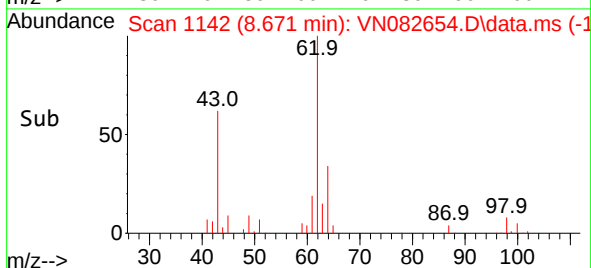
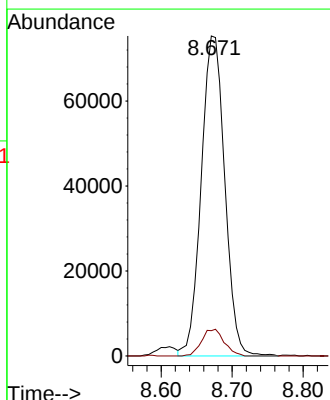
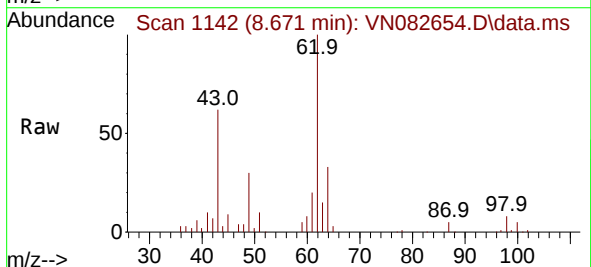
Reviewed By :John Carlone 06/20/2024

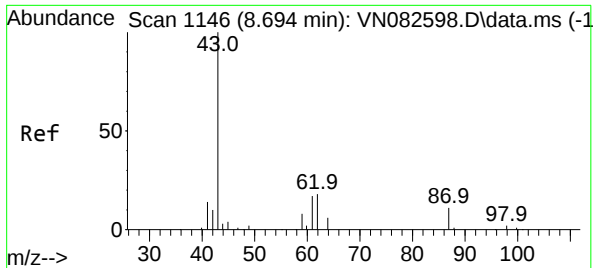
Supervised By :Mahesh Dadoda 06/20/2024



#42
1,2-Dichloroethane
Concen: 47.859 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Tgt Ion: 62 Resp: 173467
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 46.638 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

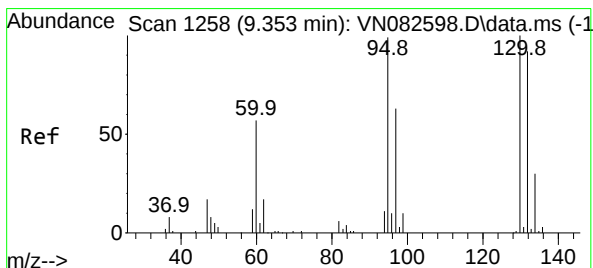
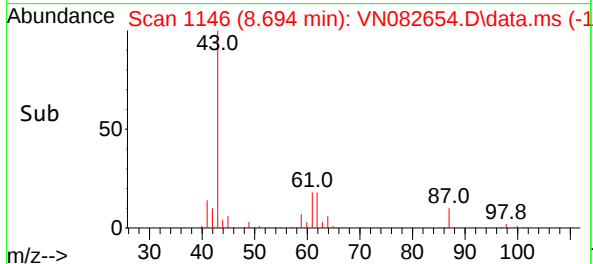
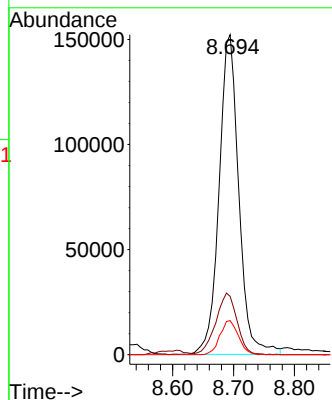
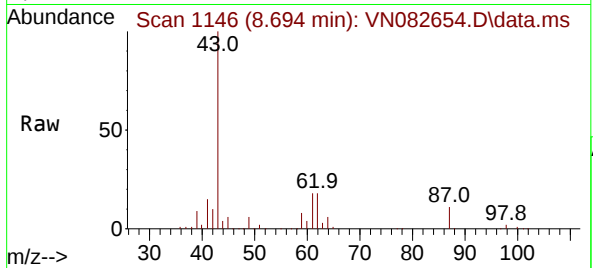
VSTDCCC050EC

Tgt Ion: 43 Resp: 34238
Ion Ratio Lower Upper
43 100
61 20.7 17.8 26.6
87 9.9 8.2 12.2

Manual Integrations

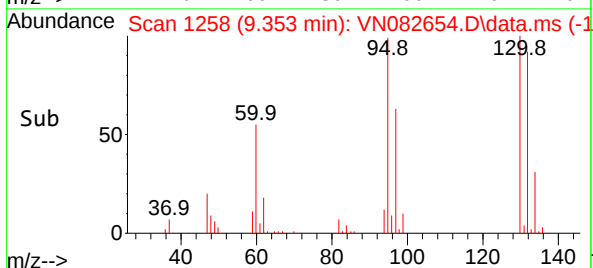
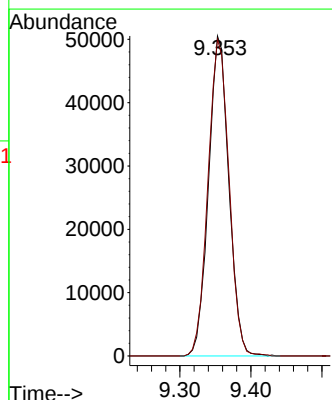
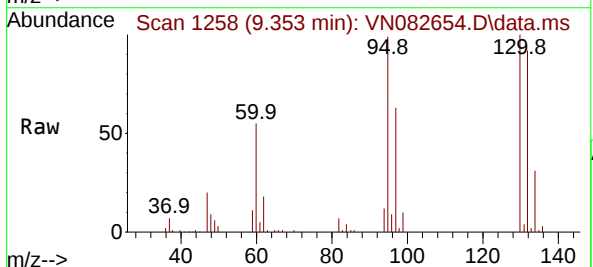
APPROVED

Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#44
Trichloroethene
Concen: 45.365 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

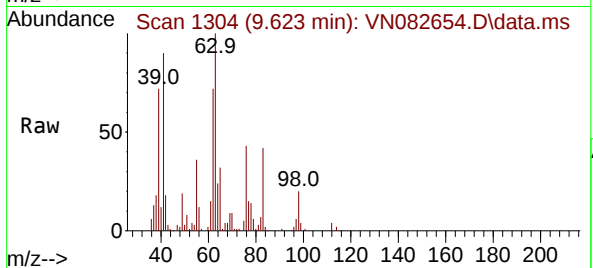
Tgt Ion:130 Resp: 100378
Ion Ratio Lower Upper
130 100
95 99.0 0.0 197.8





#45
1,2-Dichloropropane
Concen: 47.630 ug/l
RT: 9.623 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

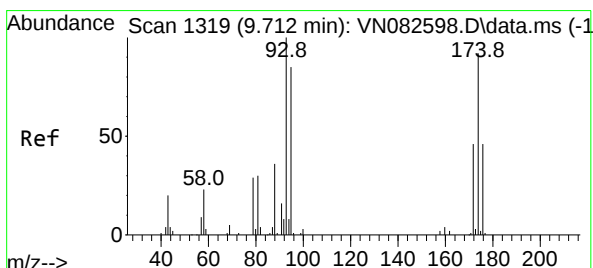
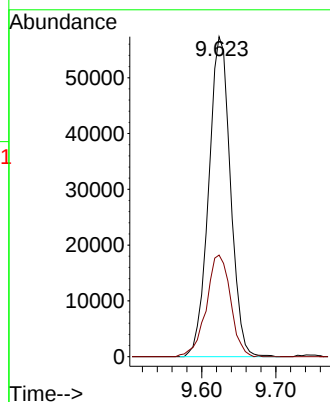
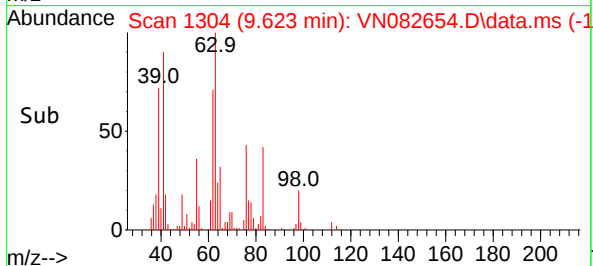
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 11682
Ion Ratio Lower Upper
63 100
65 31.7 24.4 36.6

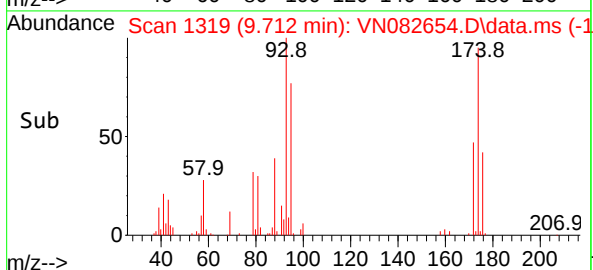
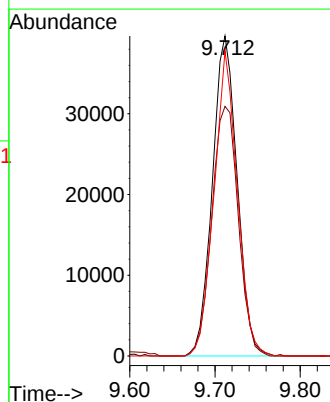
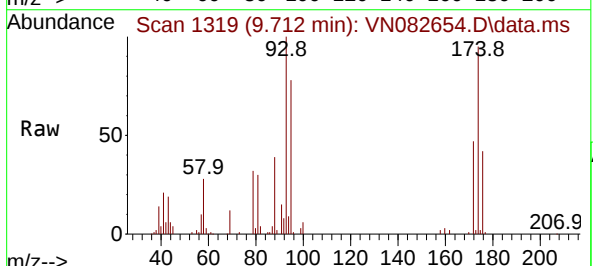
Manual Integrations
APPROVED

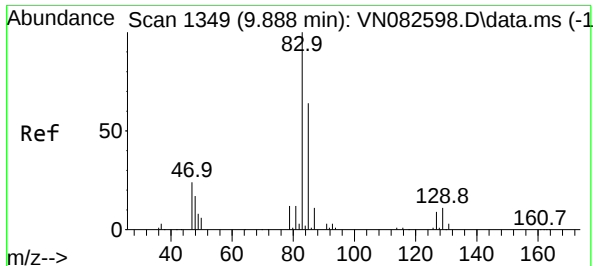
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#46
Dibromomethane
Concen: 48.226 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Tgt Ion: 93 Resp: 80182
Ion Ratio Lower Upper
93 100
95 83.5 65.8 98.6
174 90.1 71.7 107.5





#47

Bromodichloromethane

Concen: 48.373 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

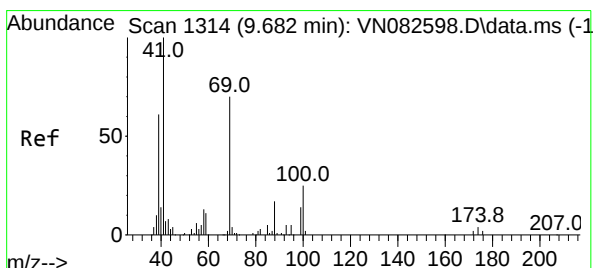
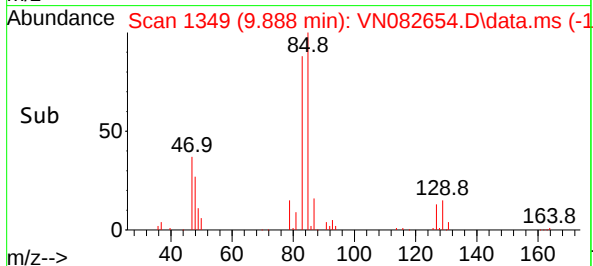
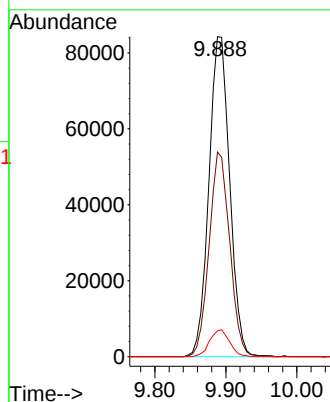
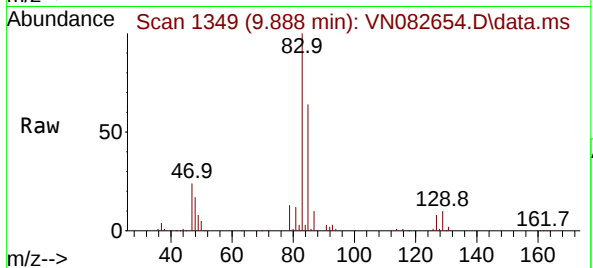
Tgt Ion:	83	Resp:	17146
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.1	76.7
127	8.0	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#48

Methyl methacrylate

Concen: 50.230 ug/l

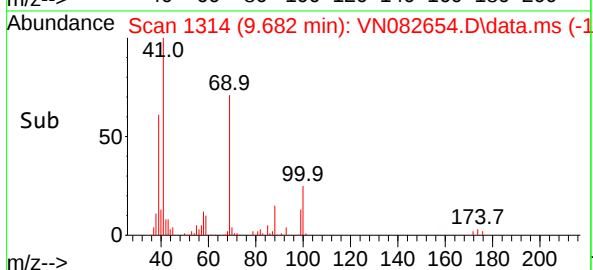
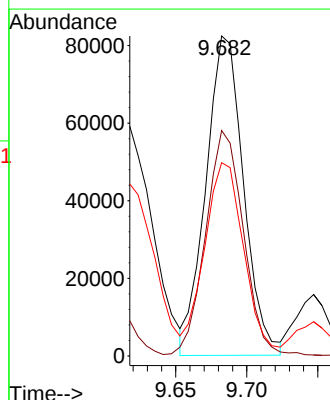
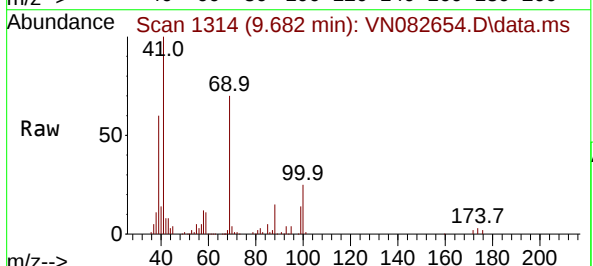
RT: 9.682 min Scan# 1314

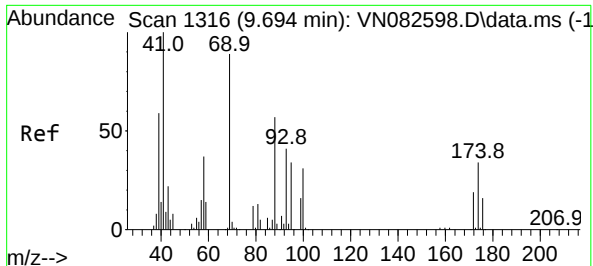
Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

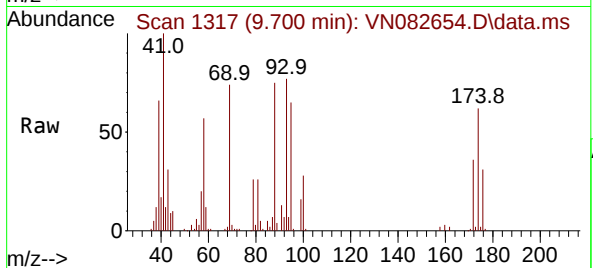
Tgt Ion:	41	Resp:	152017
Ion Ratio	Lower	Upper	
41	100		
69	71.2	56.3	84.5
39	63.4	50.3	75.5





#49
1,4-Dioxane
Concen: 1118.702 ug/l
RT: 9.700 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

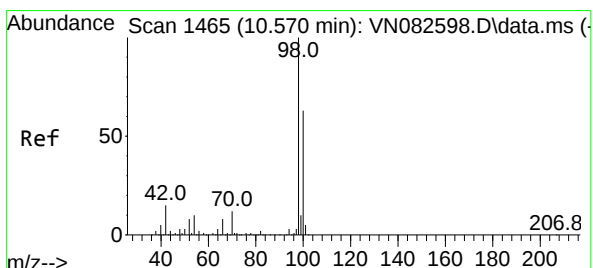
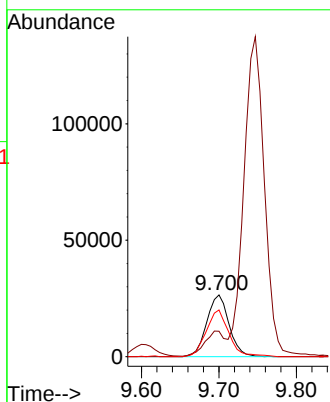
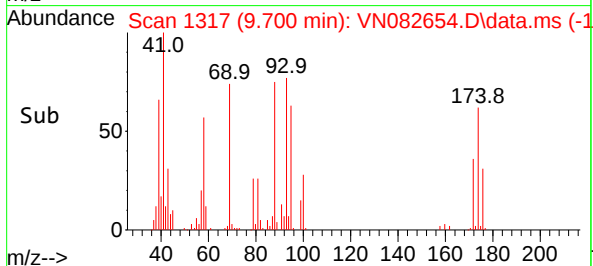
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 52958
Ion Ratio Lower Upper
88 100
43 39.1 27.8 41.8
58 77.2 59.4 89.0

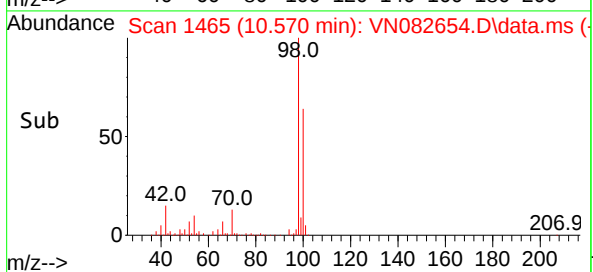
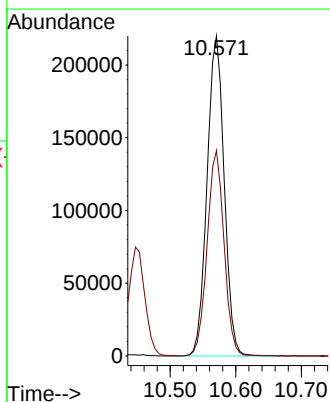
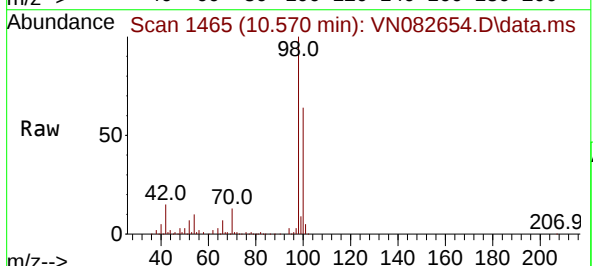
Manual Integrations
APPROVED

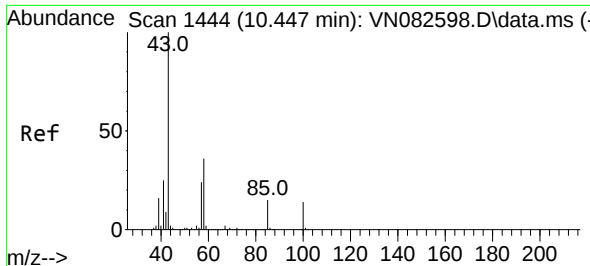
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#50
Toluene-d8
Concen: 51.193 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

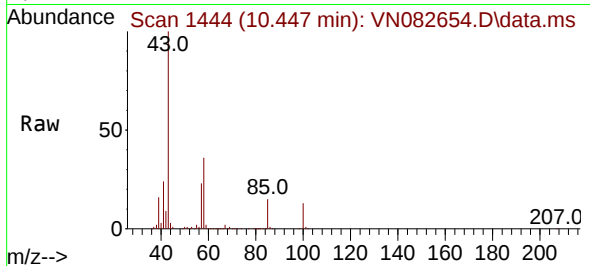
Tgt Ion: 98 Resp: 399380
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 263.829 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

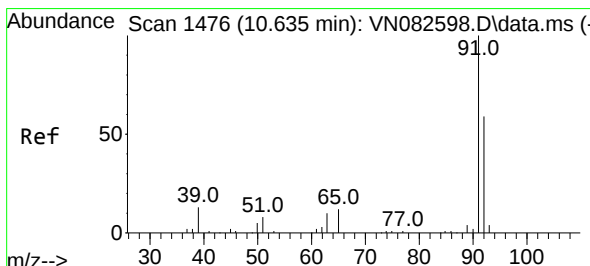
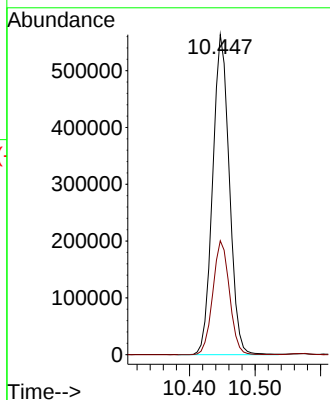
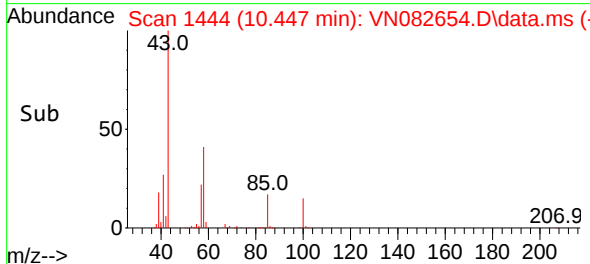
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 993448
Ion Ratio Lower Upper
43 100
58 35.5 28.2 42.4

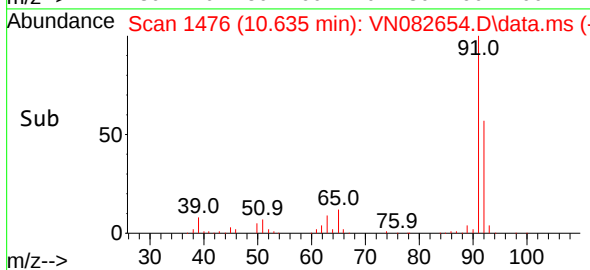
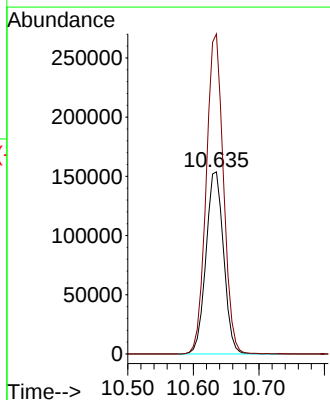
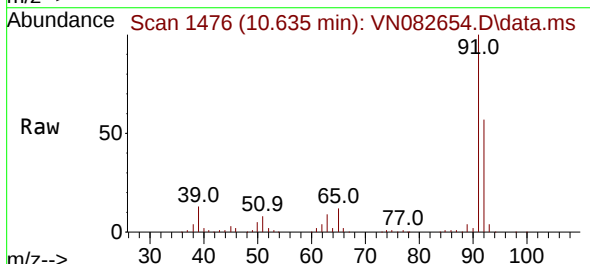
Manual Integrations
APPROVED

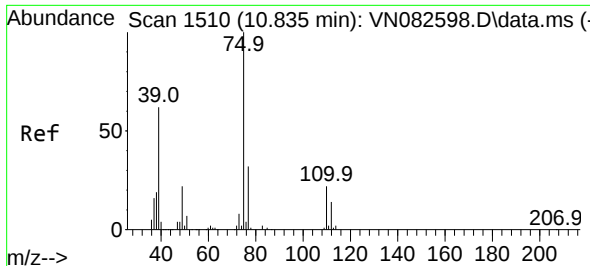
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#52
Toluene
Concen: 49.827 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

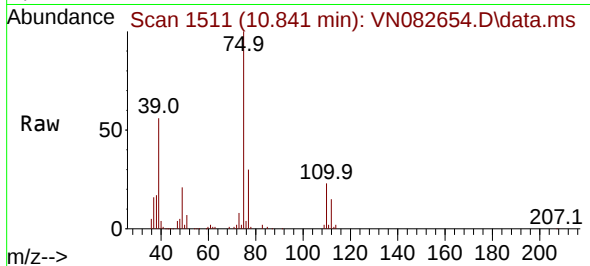
Tgt Ion: 92 Resp: 287742
Ion Ratio Lower Upper
92 100
91 172.0 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 47.507 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

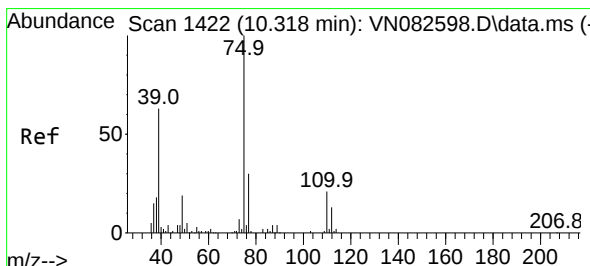
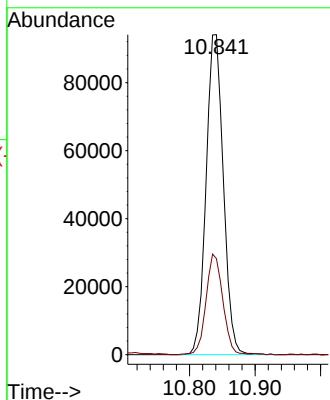
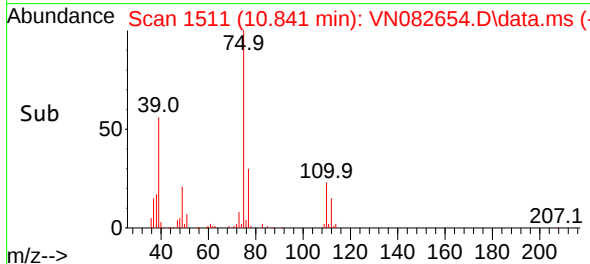
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 172150
Ion Ratio Lower Upper
75 100
77 30.0 25.7 38.5

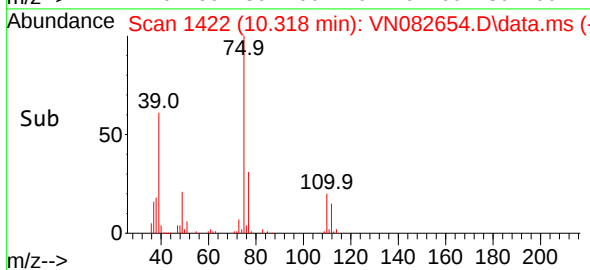
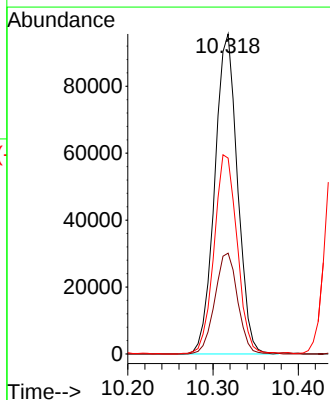
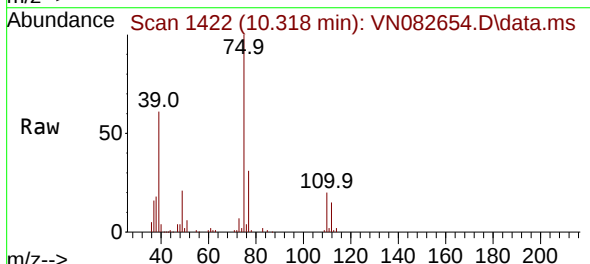
Manual Integrations
APPROVED

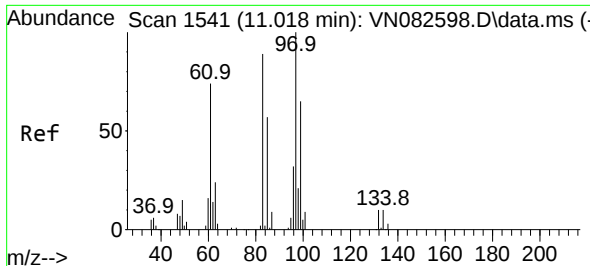
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#54
cis-1,3-Dichloropropene
Concen: 47.361 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

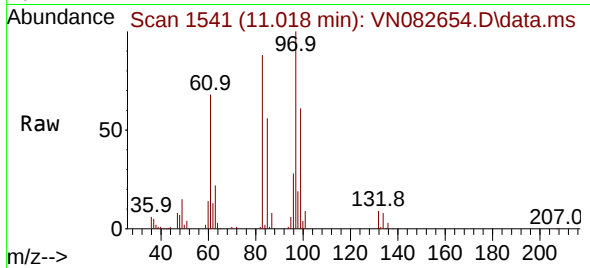
Tgt Ion: 75 Resp: 177473
Ion Ratio Lower Upper
75 100
77 31.5 24.3 36.5
39 61.2 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 51.336 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

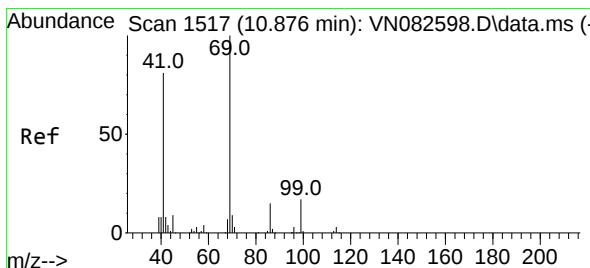
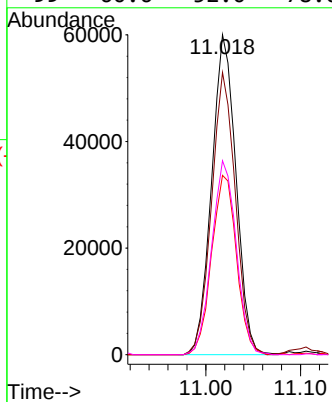
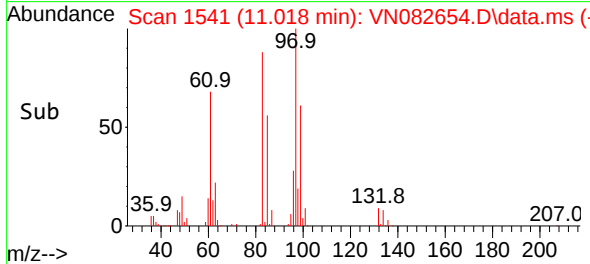
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 107300
Ion Ratio Lower Upper
97 100
83 88.2 71.4 107.0
85 56.1 45.8 68.6
99 60.6 52.0 78.0

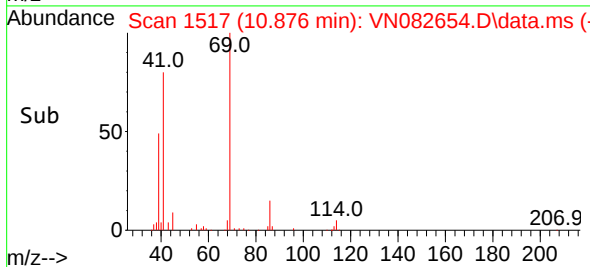
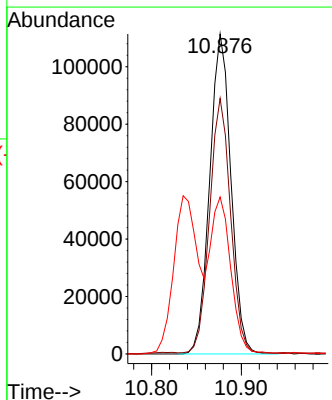
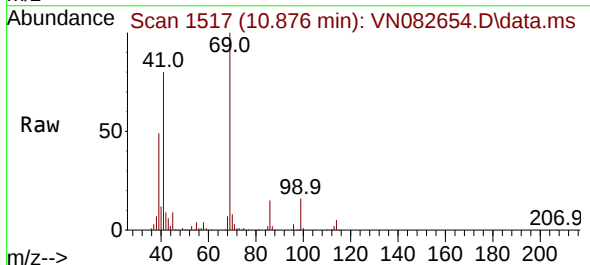
Manual Integrations
APPROVED

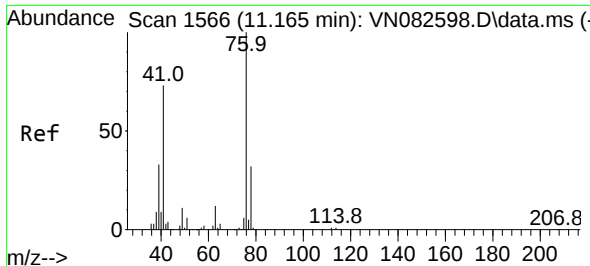
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#56
Ethyl methacrylate
Concen: 52.961 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

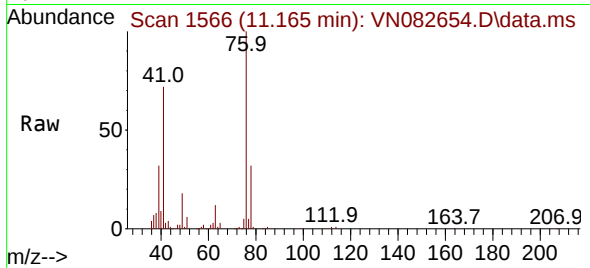
Tgt Ion: 69 Resp: 183340
Ion Ratio Lower Upper
69 100
41 78.3 63.4 95.2
39 46.5 37.4 56.0





#57
1,3-Dichloropropane
Concen: 49.175 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

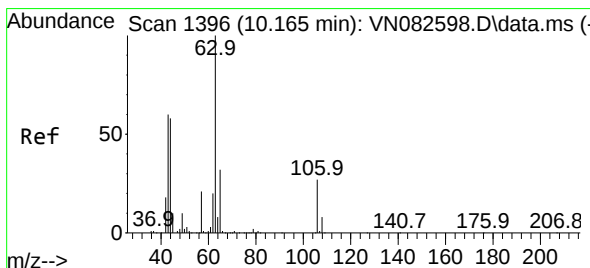
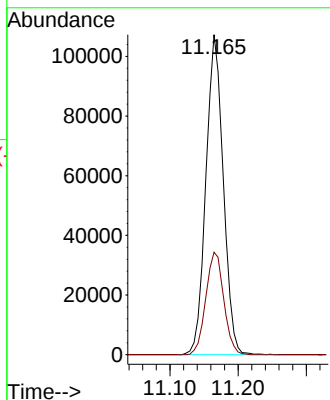
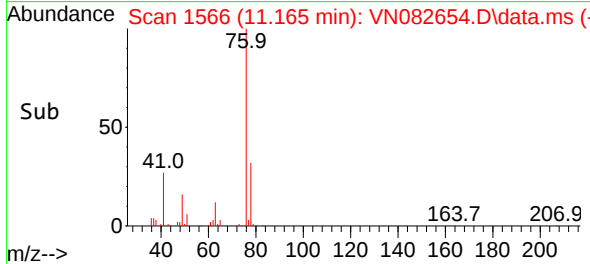
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 19001
Ion Ratio Lower Upper
76 100
78 33.0 25.6 38.4

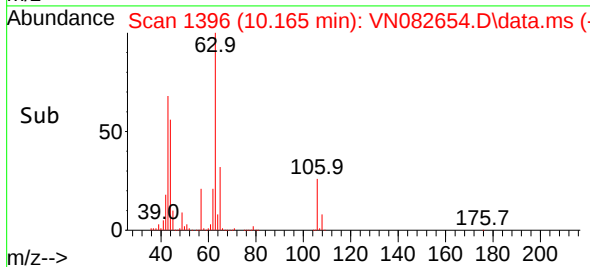
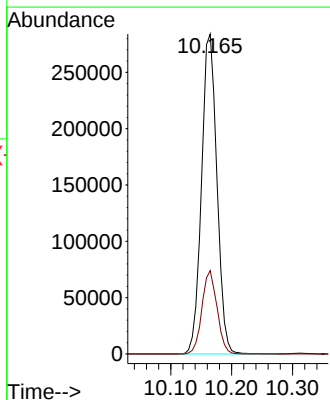
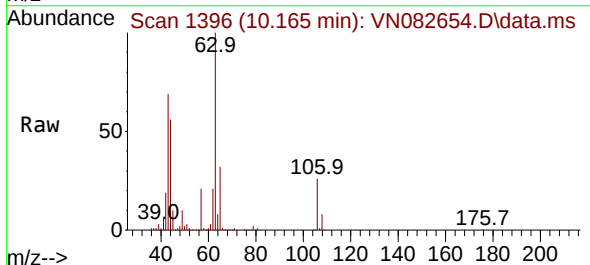
Manual Integrations
APPROVED

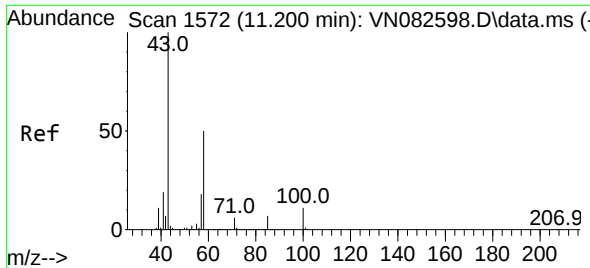
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 272.569 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

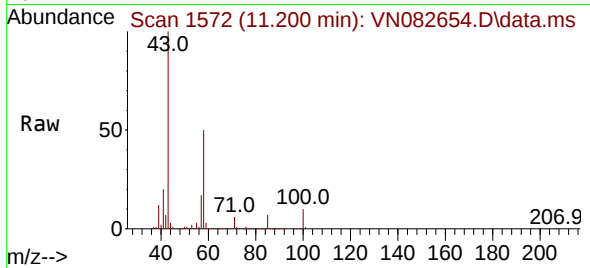
Tgt Ion: 63 Resp: 499153
Ion Ratio Lower Upper
63 100
106 25.4 21.4 32.0





#59
2-Hexanone
Concen: 265.392 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

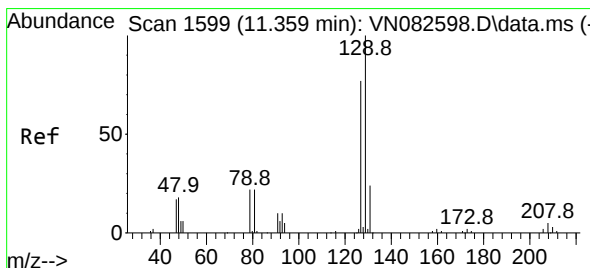
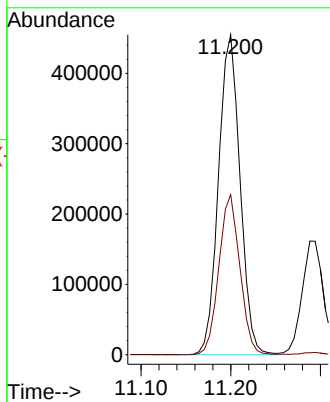
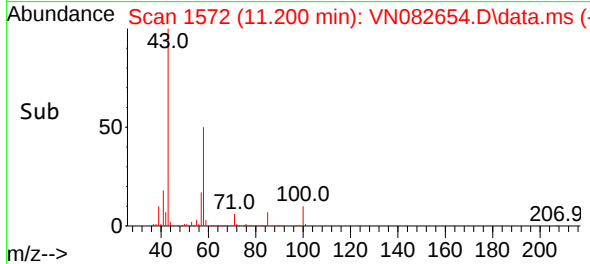
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 759539
Ion Ratio Lower Upper
43 100
58 48.7 24.6 73.8

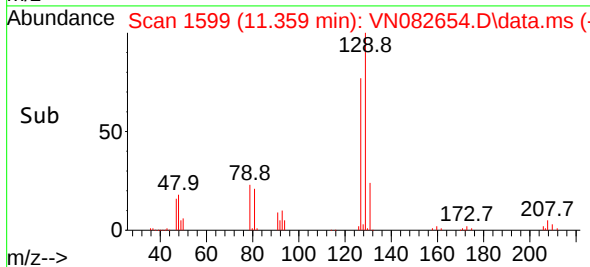
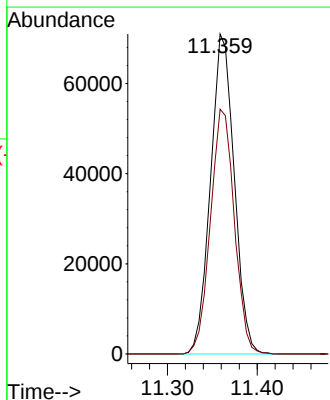
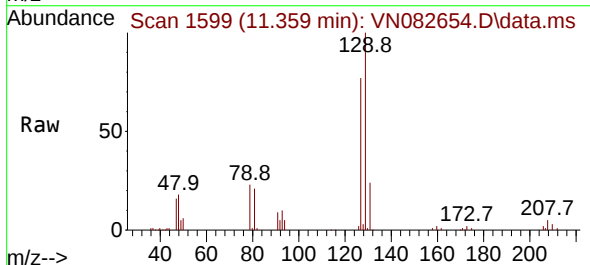
Manual Integrations
APPROVED

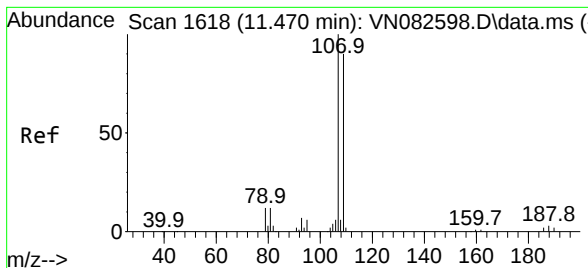
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#60
Dibromochloromethane
Concen: 51.074 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

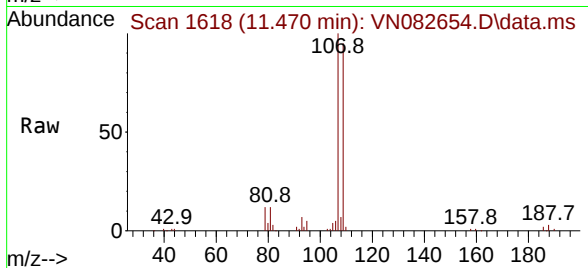
Tgt Ion:129 Resp: 130313
Ion Ratio Lower Upper
129 100
127 76.9 39.2 117.6





#61
1,2-Dibromoethane
Concen: 49.176 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

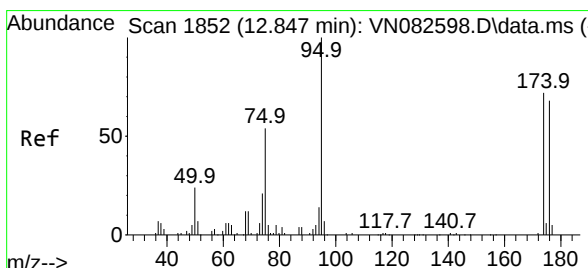
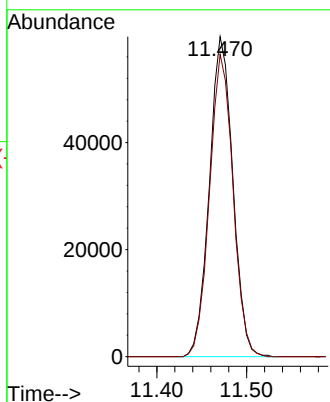
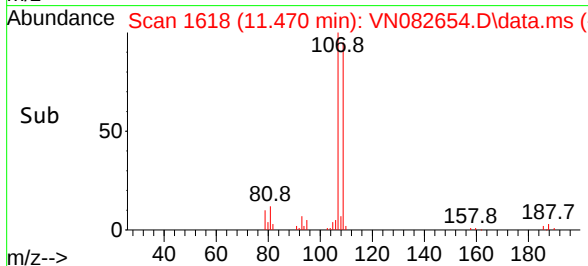
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



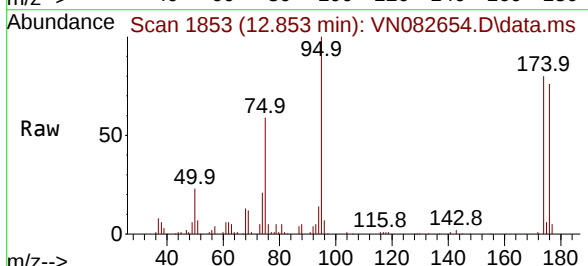
Tgt Ion:107 Resp: 108370
Ion Ratio Lower Upper
107 100
109 94.5 73.7 110.5

Manual Integrations
APPROVED

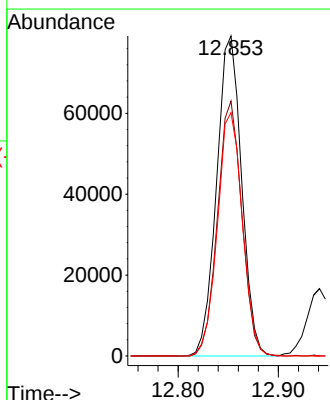
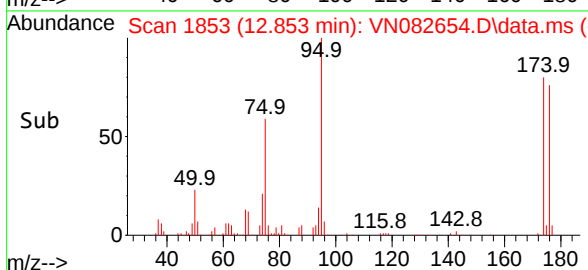
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

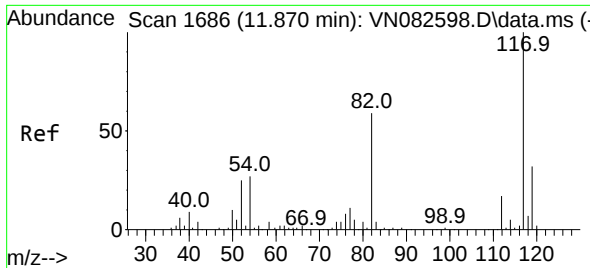


#62
4-Bromofluorobenzene
Concen: 50.833 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31



Tgt Ion: 95 Resp: 136722
Ion Ratio Lower Upper
95 100
174 77.7 0.0 159.2
176 75.8 0.0 147.6





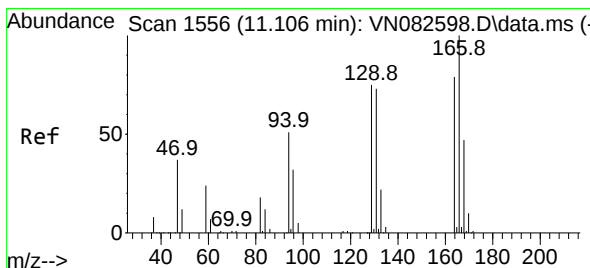
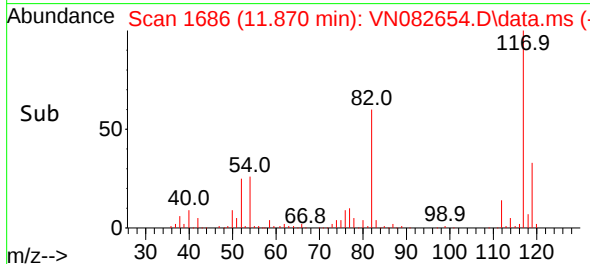
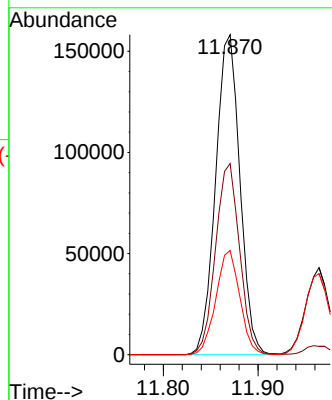
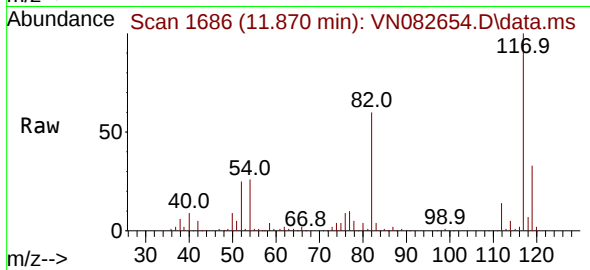
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 282544
Ion Ratio Lower Upper
117 100
82 59.8 47.5 71.3
119 32.5 25.6 38.4

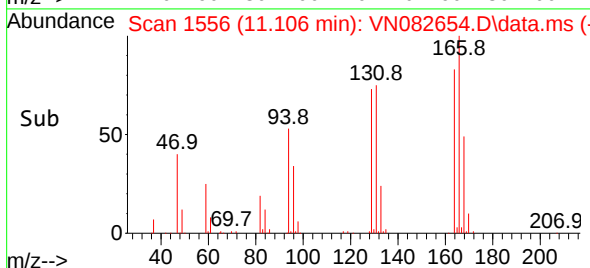
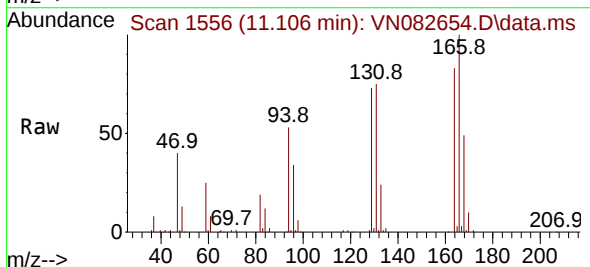
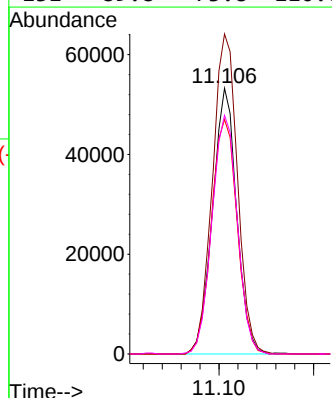
Manual Integrations
APPROVED

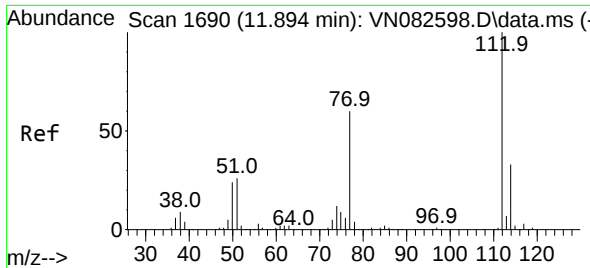
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#64
Tetrachloroethene
Concen: 40.401 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

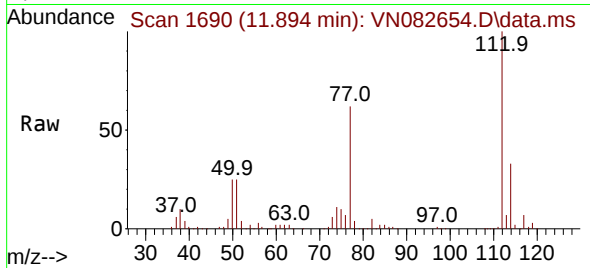
Tgt Ion:164 Resp: 94120
Ion Ratio Lower Upper
164 100
166 120.4 101.4 152.0
129 88.2 75.7 113.5
131 89.8 73.8 110.6





#65
Chlorobenzene
Concen: 47.376 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

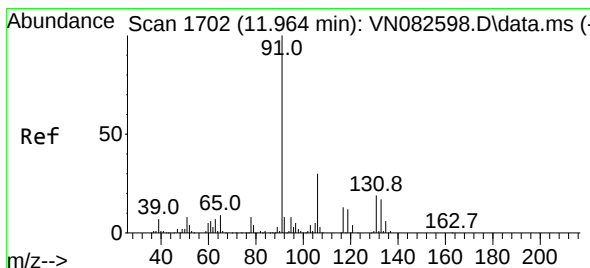
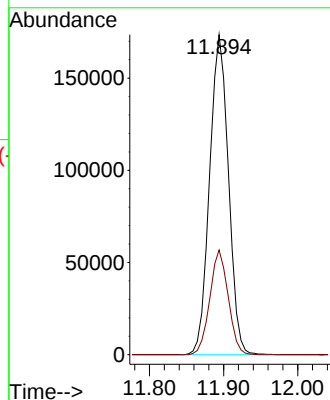
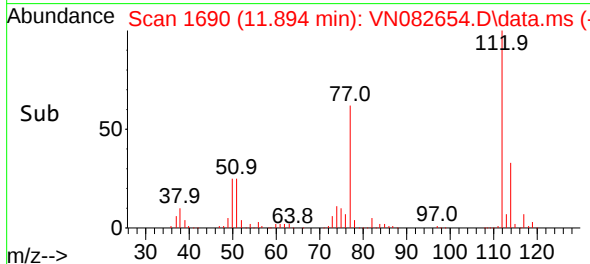
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 306964
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2

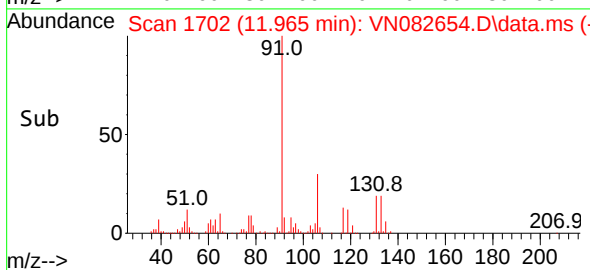
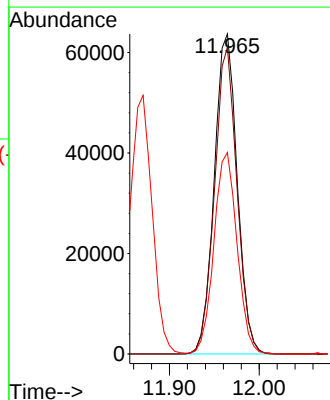
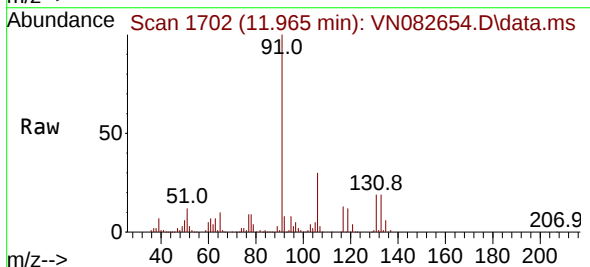
Manual Integrations
APPROVED

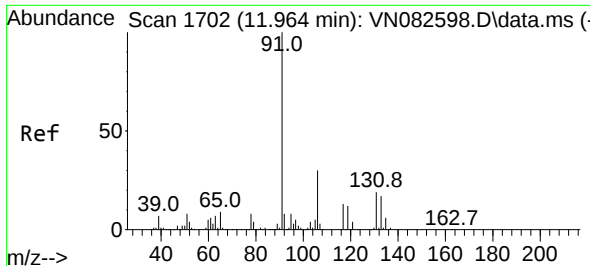
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 48.901 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Tgt Ion:131 Resp: 112980
Ion Ratio Lower Upper
131 100
133 93.8 47.3 142.0
119 63.6 32.5 97.4





#67

Ethyl Benzene

Concen: 49.626 ug/l

RT: 11.965 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 547879

Ion Ratio Lower Upper

91 100

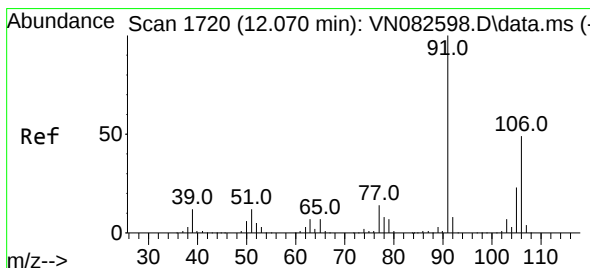
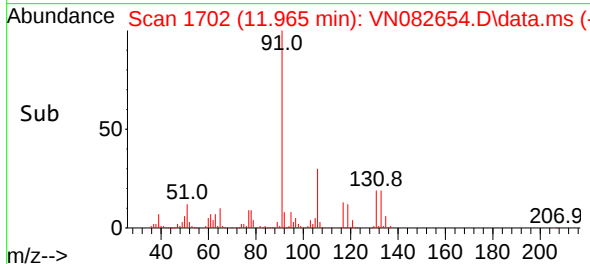
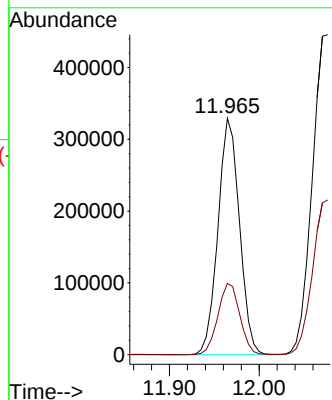
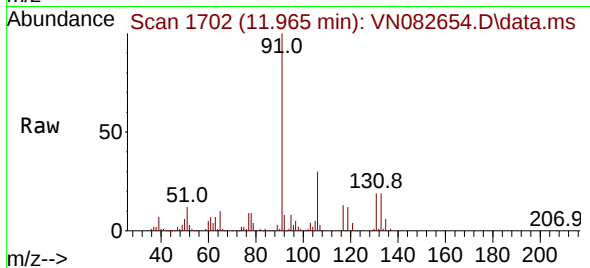
106 30.1 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#68

m/p-Xylenes

Concen: 102.059 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN082654.D

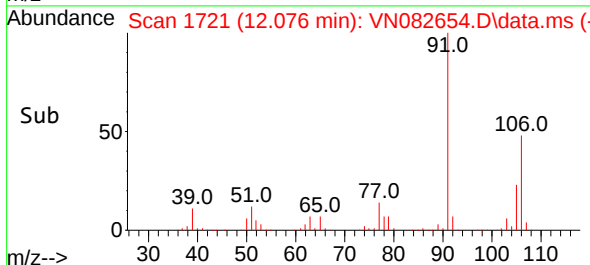
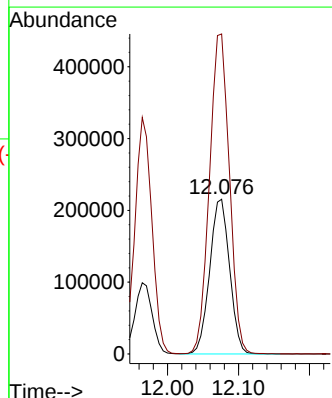
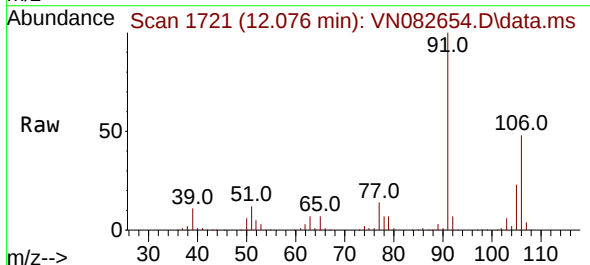
Acq: 19 Jun 2024 20:31

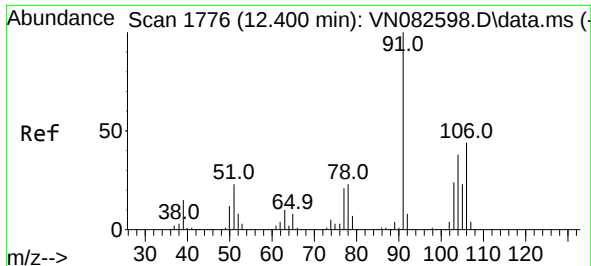
Tgt Ion:106 Resp: 419183

Ion Ratio Lower Upper

106 100

91 207.7 166.1 249.1





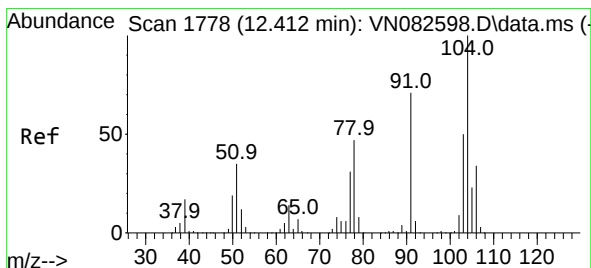
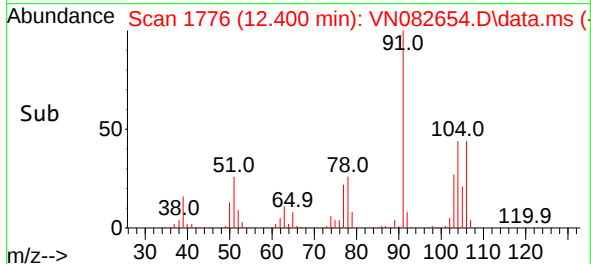
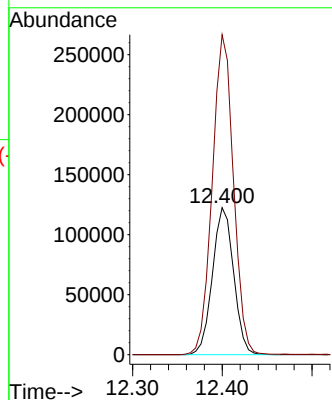
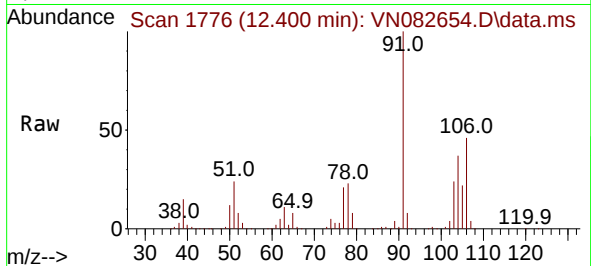
#69
o-Xylene
Concen: 52.077 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 200950
Ion Ratio Lower Upper
106 100
91 217.6 111.3 333.9

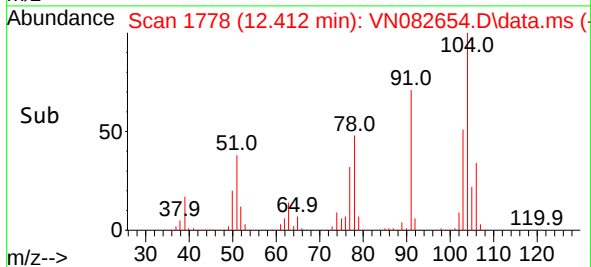
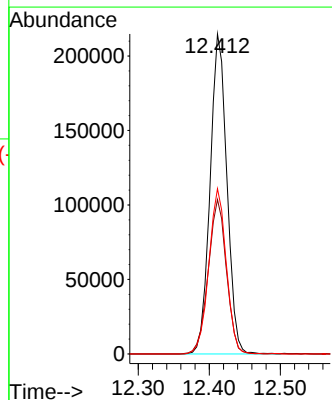
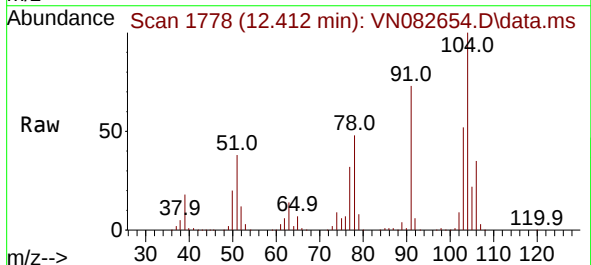
Manual Integrations
APPROVED

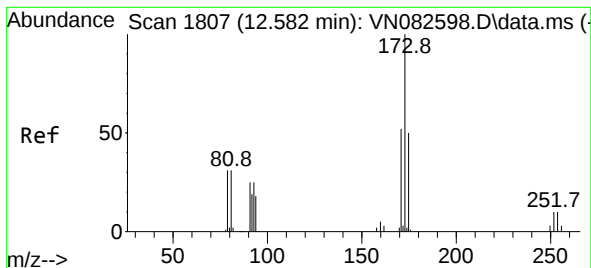
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#70
Styrene
Concen: 53.955 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Tgt Ion:104 Resp: 353371
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 53.7 44.0 66.0





#71

Bromoform

Concen: 50.223 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

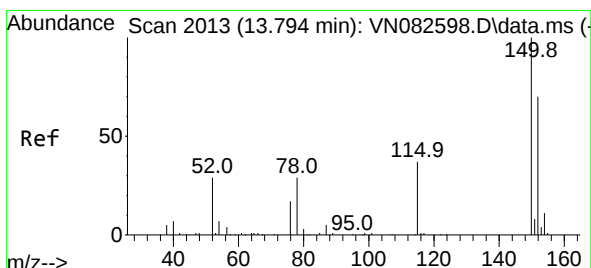
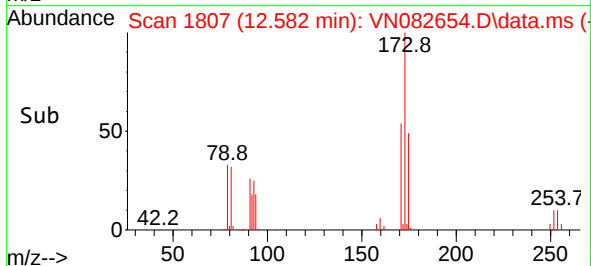
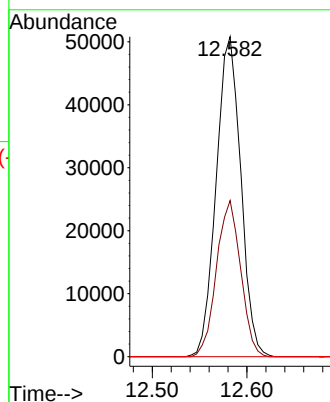
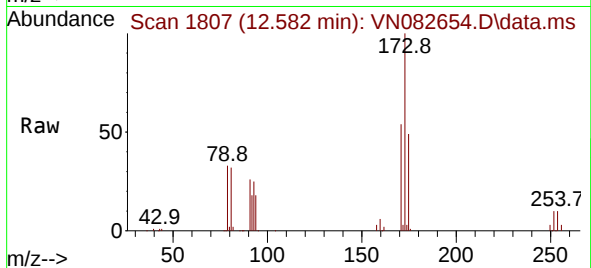
Tgt Ion:173 Resp: 91739
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.0 72.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

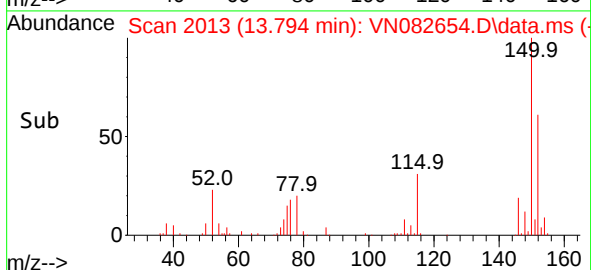
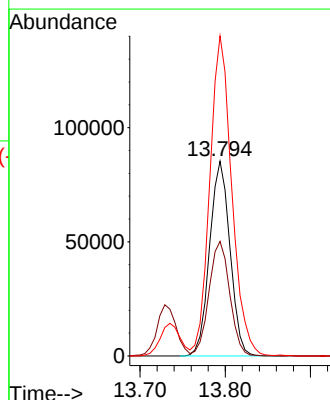
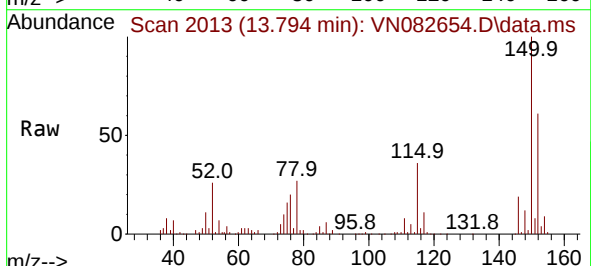
RT: 13.794 min Scan# 2013

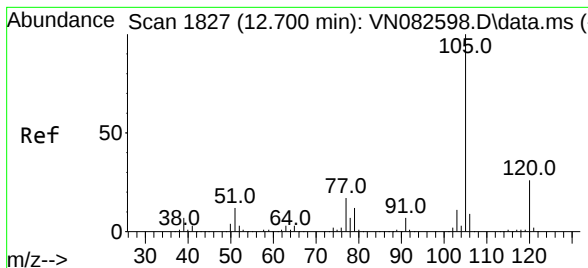
Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Tgt Ion:152 Resp: 141505
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.6 91.6
 150 176.6 0.0 348.6





#73

Isopropylbenzene

Concen: 47.409 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

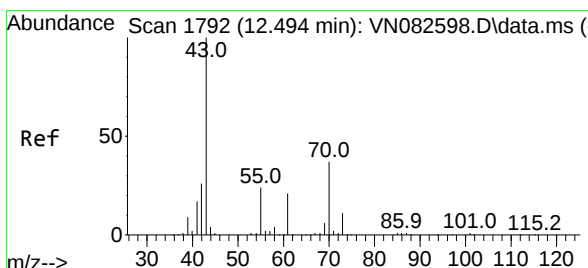
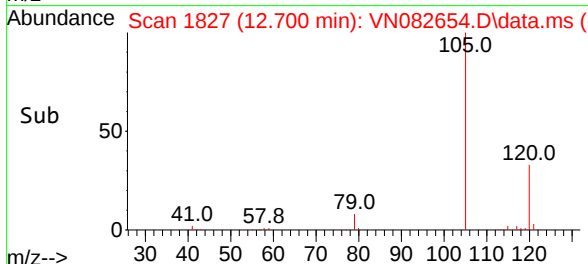
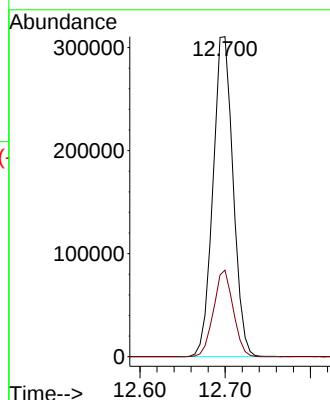
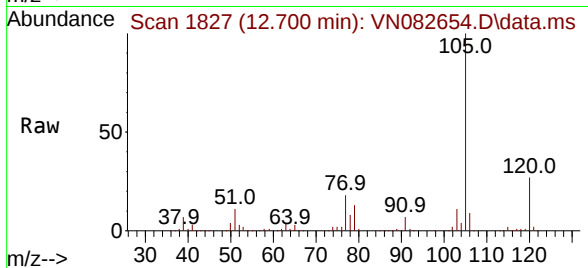
Tgt Ion:105 Resp: 509425
 Ion Ratio Lower Upper
 105 100
 120 26.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#74

N-ethyl acetate

Concen: 49.967 ug/l

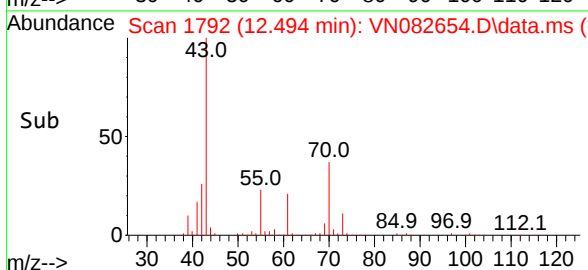
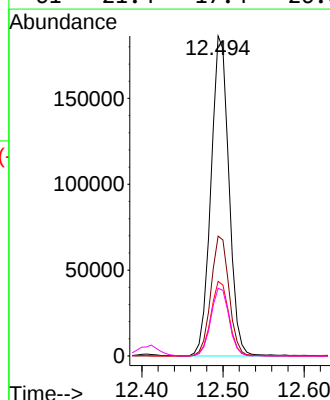
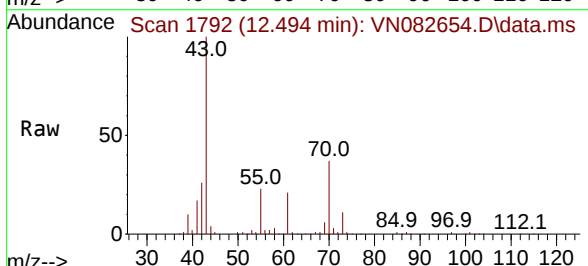
RT: 12.494 min Scan# 1792

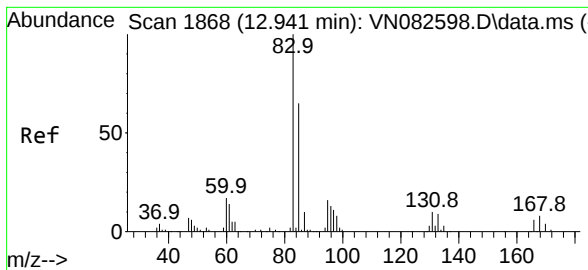
Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

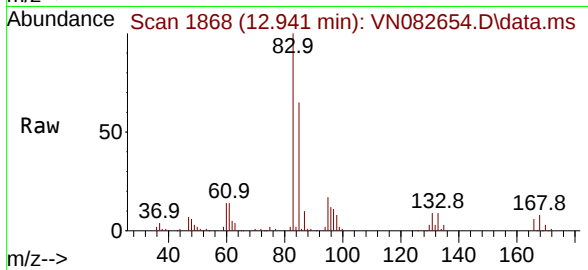
Tgt Ion: 43 Resp: 286541
 Ion Ratio Lower Upper
 43 100
 70 37.6 29.8 44.6
 55 23.3 18.7 28.1
 61 21.4 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 47.356 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

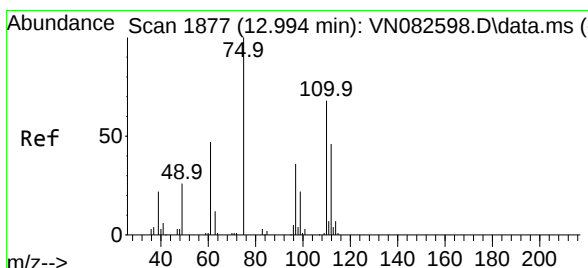
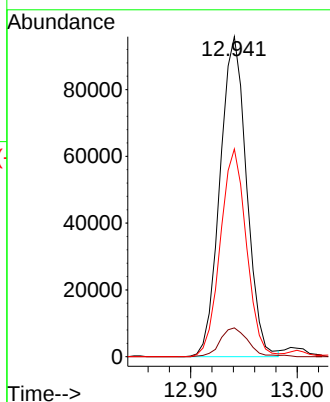
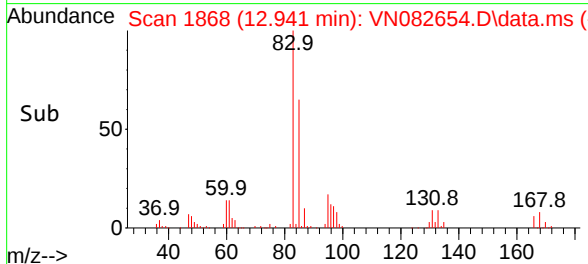
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 165984
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 63.7 31.9 95.7

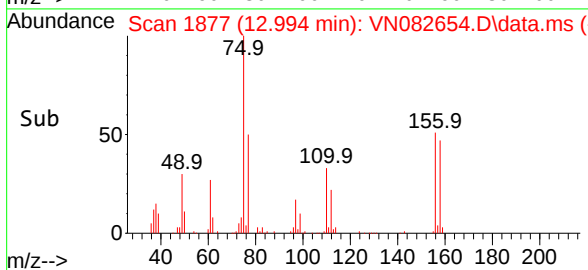
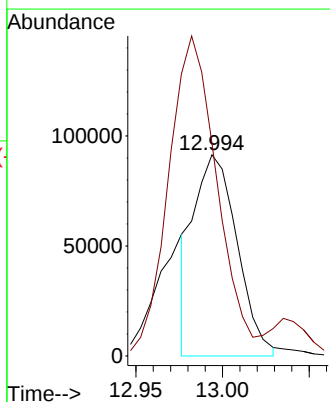
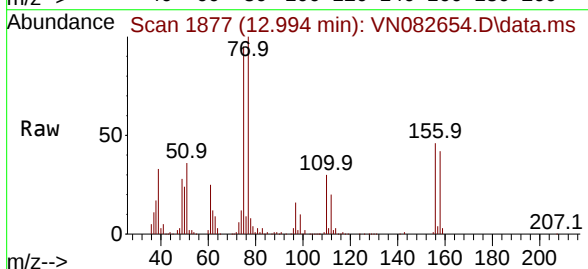
Manual Integrations
APPROVED

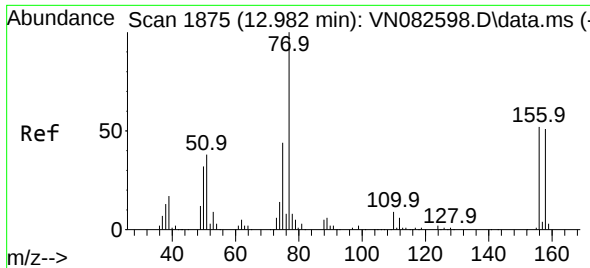
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#76
1,2,3-Trichloropropane
Concen: 45.741 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Tgt Ion: 75 Resp: 158310
Ion Ratio Lower Upper
75 100
77 180.6 110.9 332.6





#77
Bromobenzene
Concen: 46.116 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

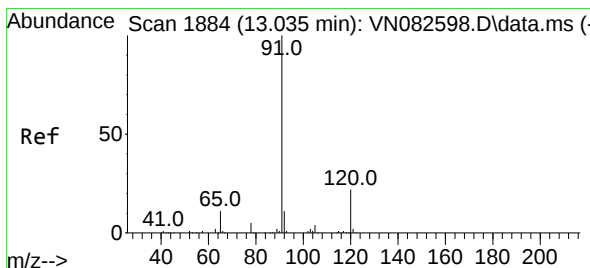
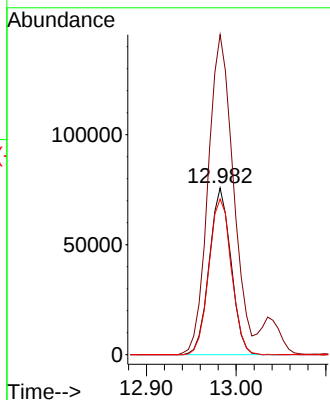
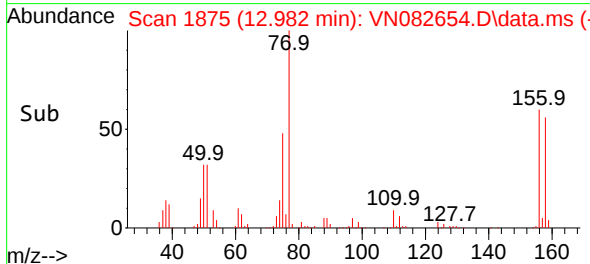
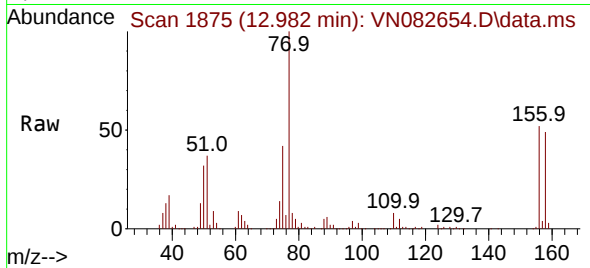
VSTDCCC050EC

Tgt Ion:156 Resp: 127550
Ion Ratio Lower Upper
156 100
77 224.2 111.3 333.8
158 96.7 48.3 144.9

Manual Integrations

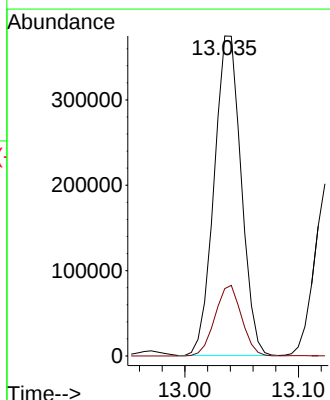
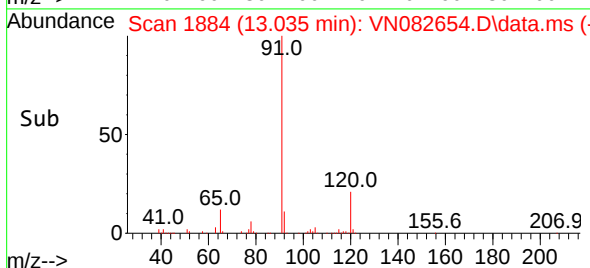
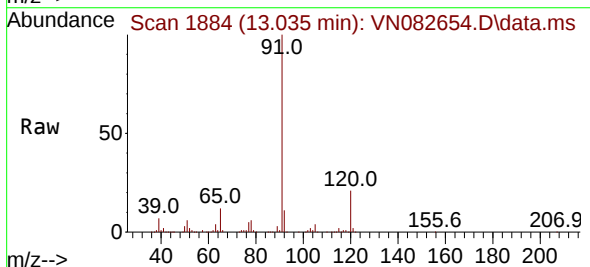
APPROVED

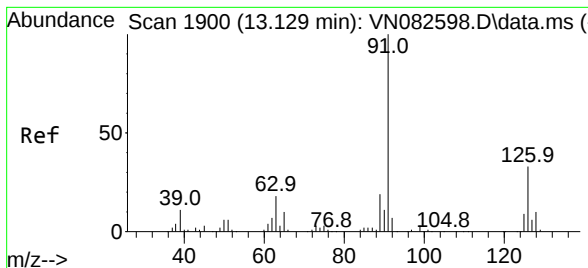
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#78
n-propylbenzene
Concen: 48.763 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Tgt Ion: 91 Resp: 619793
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





#79
2-Chlorotoluene
Concen: 47.160 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

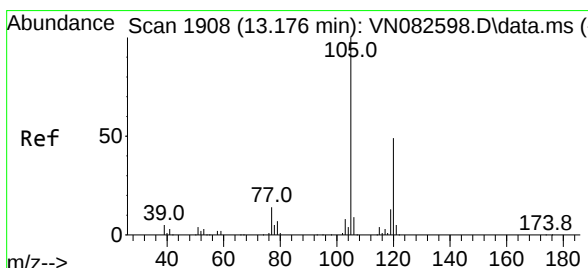
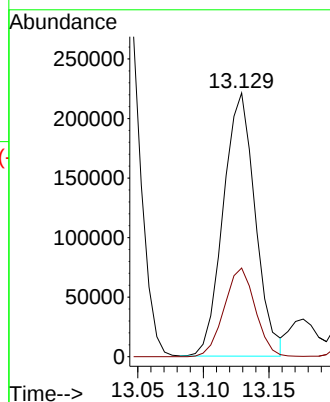
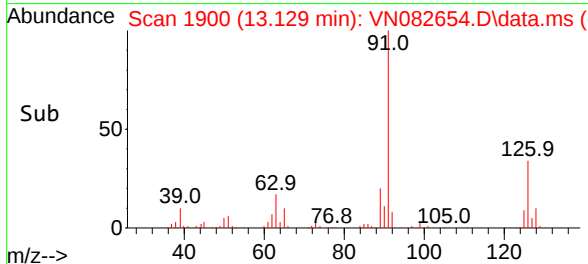
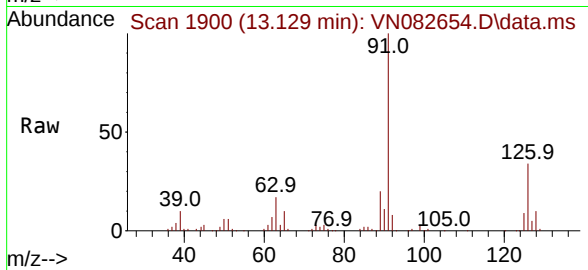
Tgt Ion: 91 Resp: 375902
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6

Manual Integrations

APPROVED

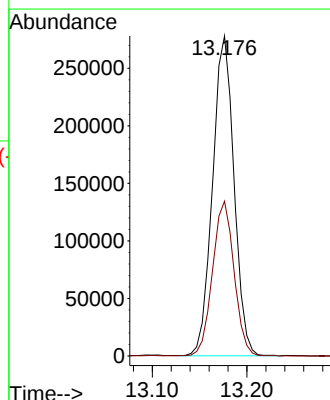
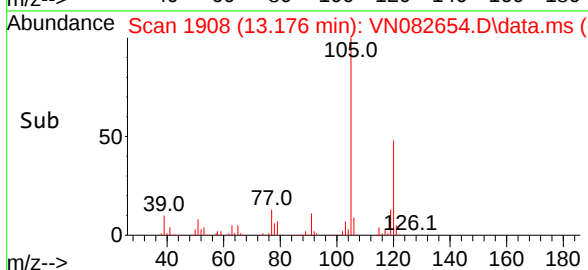
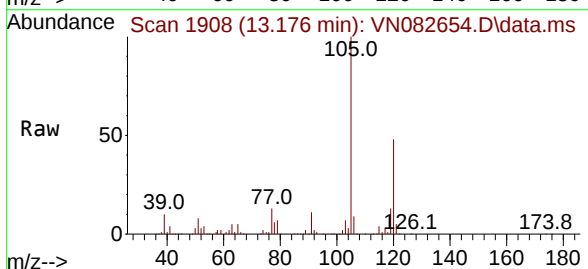
Reviewed By :John Carlone 06/20/2024

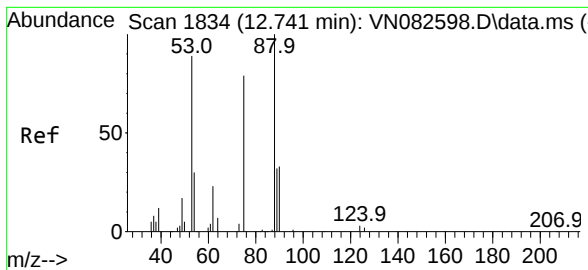
Supervised By :Mahesh Dadoda 06/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.217 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

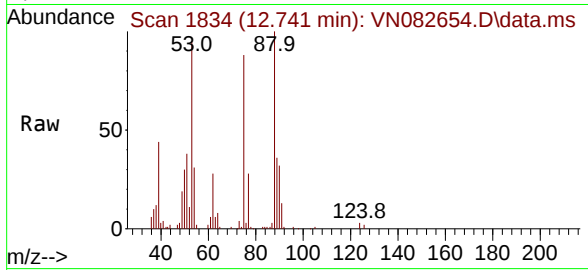
Tgt Ion:105 Resp: 437892
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 40.841 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

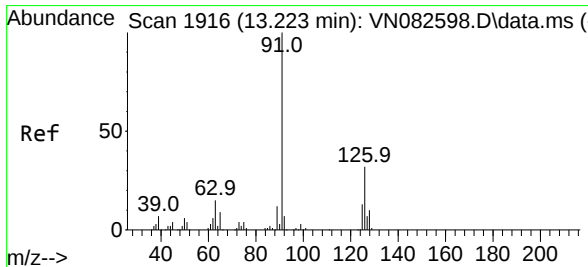
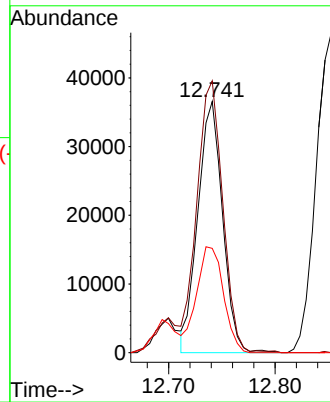
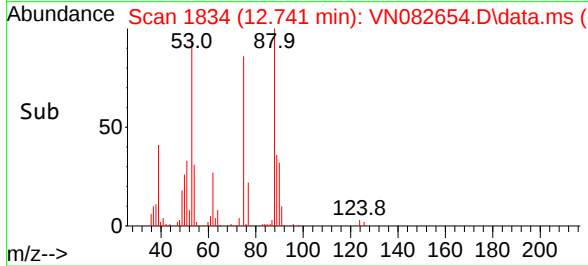
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 5908
Ion Ratio Lower Upper
75 100
53 126.5 88.4 132.6
89 46.1 36.3 54.5

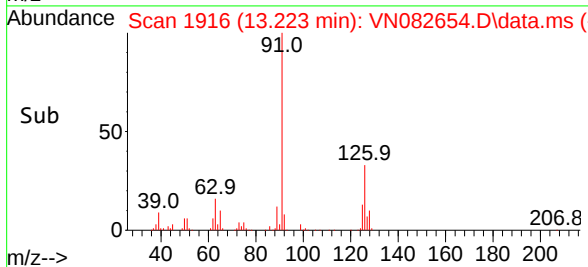
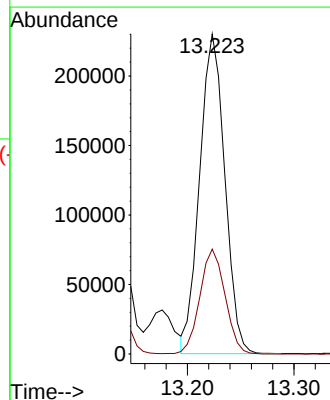
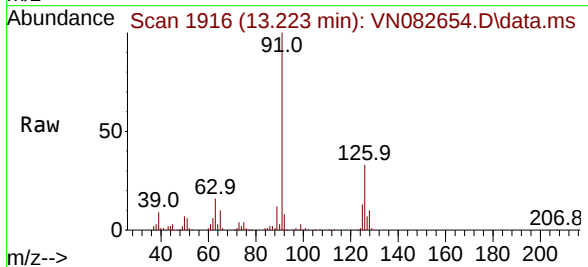
Manual Integrations
APPROVED

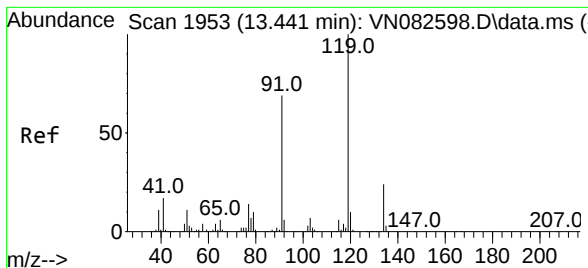
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#82
4-Chlorotoluene
Concen: 47.396 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

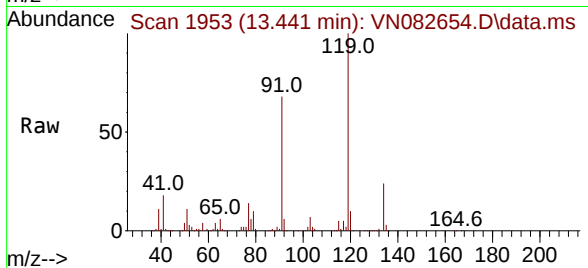
Tgt Ion: 91 Resp: 377390
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.6





#83
tert-Butylbenzene
Concen: 49.324 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

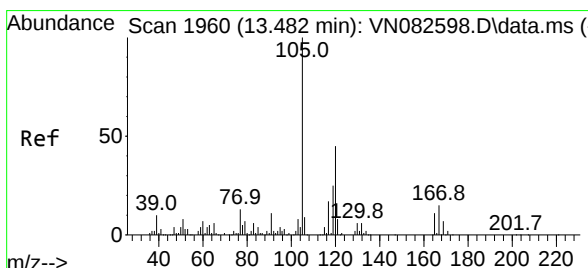
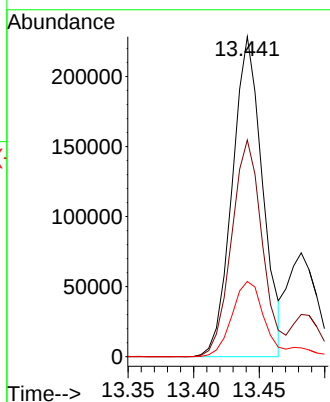
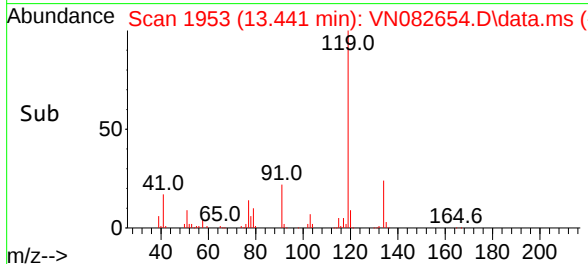
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



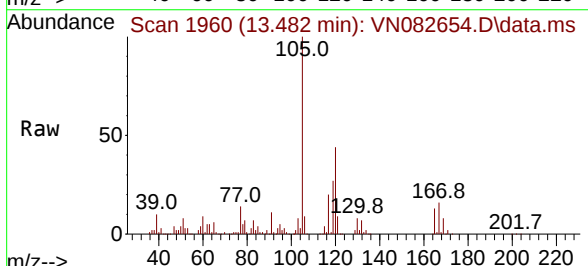
Tgt Ion:119 Resp: 366372
Ion Ratio Lower Upper
119 100
91 69.4 35.0 105.1
134 24.8 13.3 39.8

Manual Integrations
APPROVED

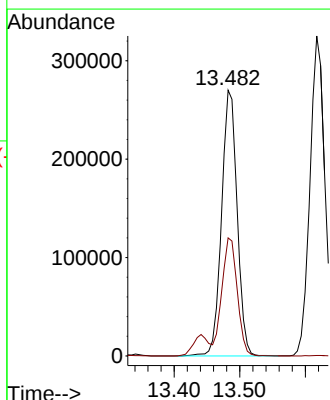
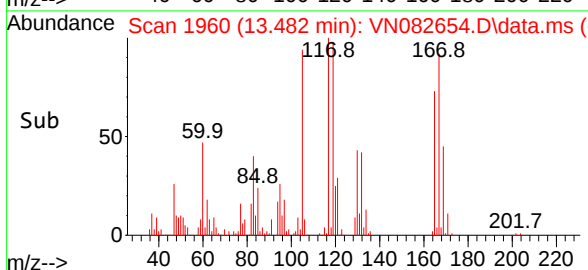
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

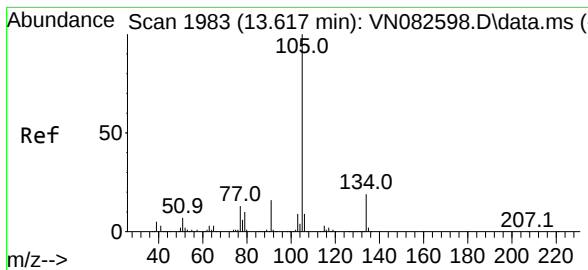


#84
1,2,4-Trimethylbenzene
Concen: 50.718 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31



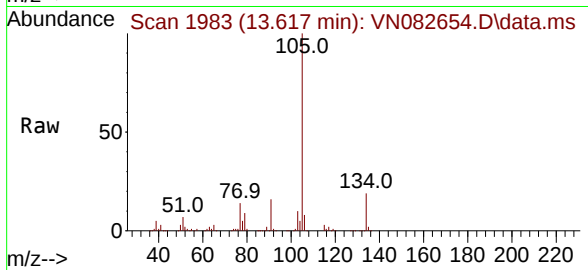
Tgt Ion:105 Resp: 443661
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 48.587 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082654.D
 Acq: 19 Jun 2024 20:31

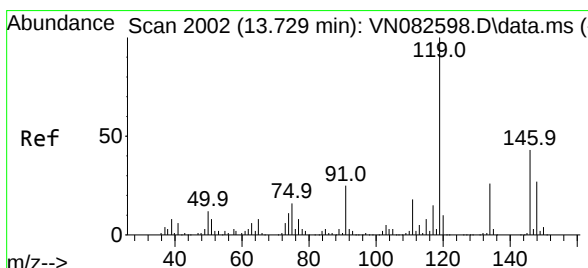
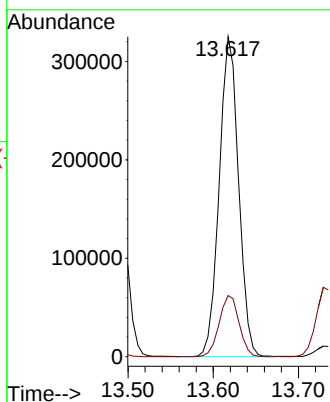
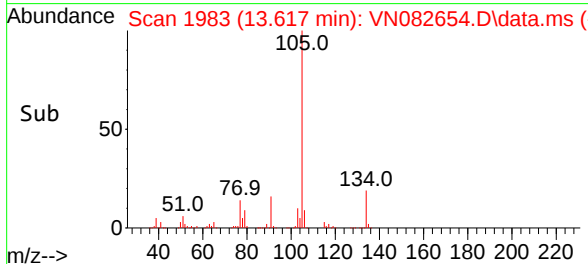
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



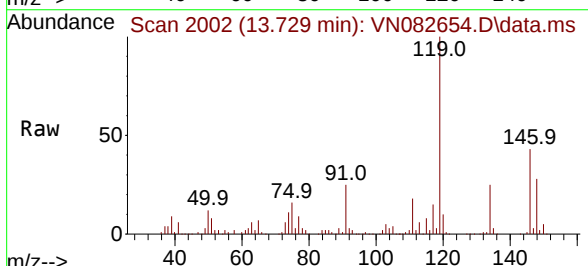
Tgt Ion:105 Resp: 512540
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

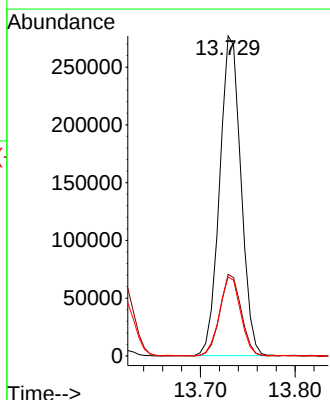
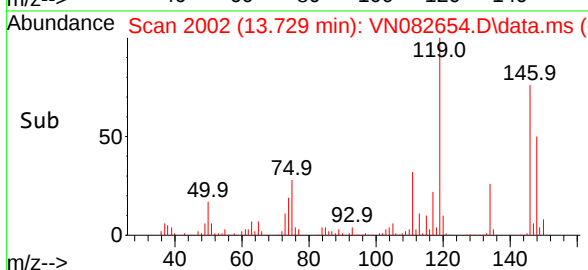
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

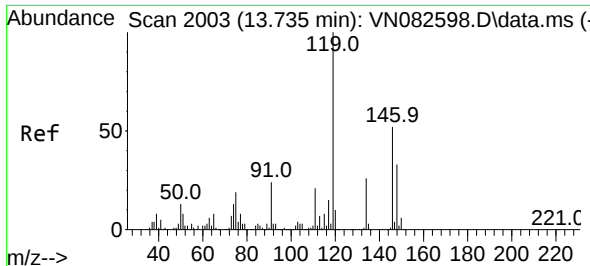


#86
 p-Isopropyltoluene
 Concen: 50.922 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082654.D
 Acq: 19 Jun 2024 20:31



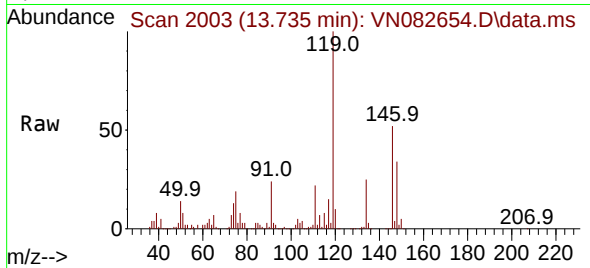
Tgt Ion:119 Resp: 432578
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 24.5 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 46.397 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

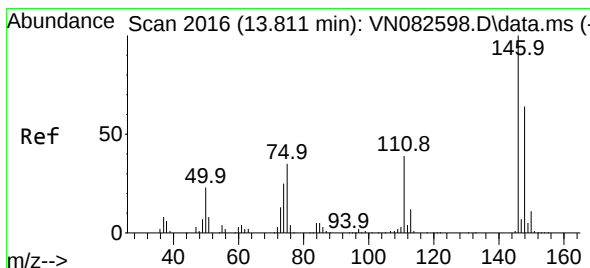
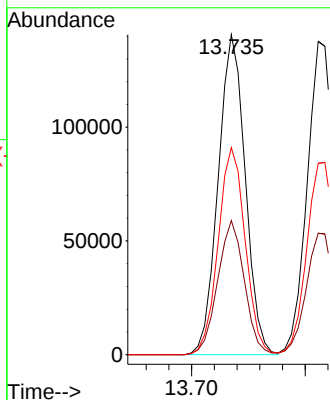
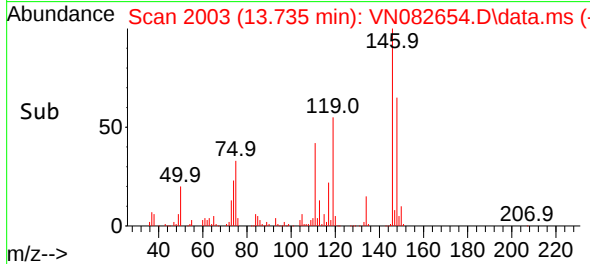
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



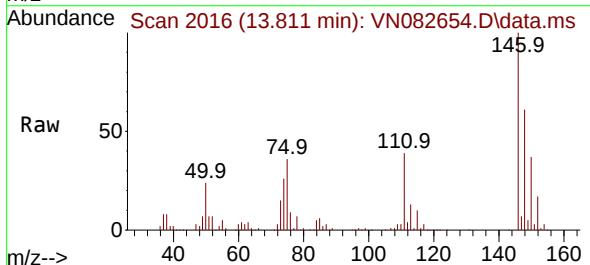
Tgt Ion:146 Resp: 232673
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.9
148 64.6 31.8 95.3

Manual Integrations
APPROVED

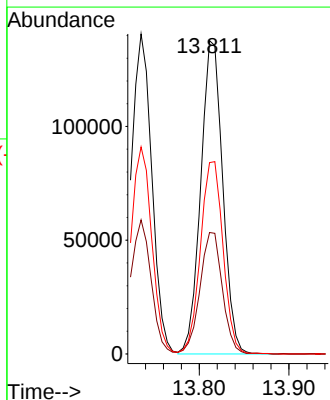
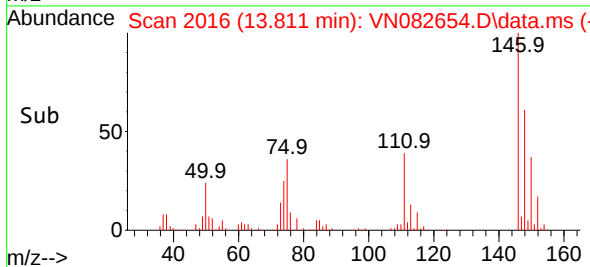
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

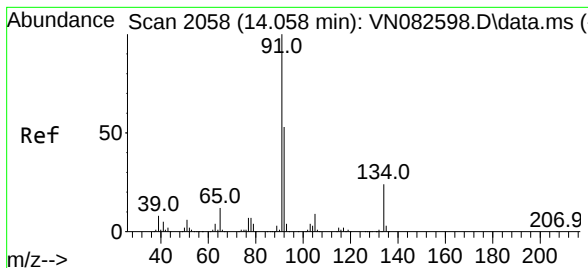


#88
1,4-Dichlorobenzene
Concen: 44.720 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31



Tgt Ion:146 Resp: 234411
Ion Ratio Lower Upper
146 100
111 39.6 20.1 60.3
148 63.3 32.2 96.6





#89

n-Butylbenzene

Concen: 47.814 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 360290

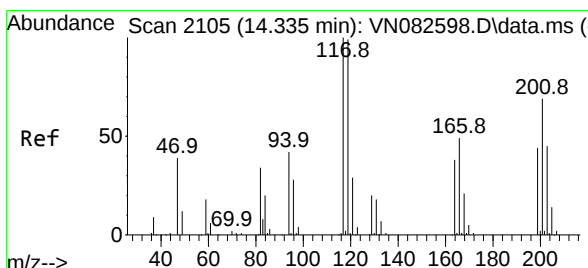
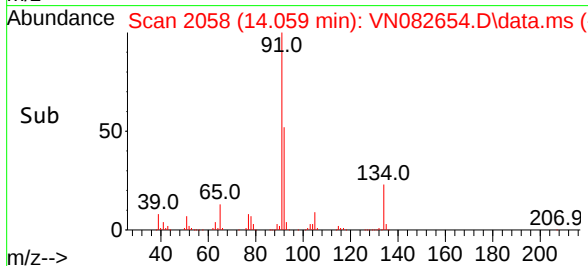
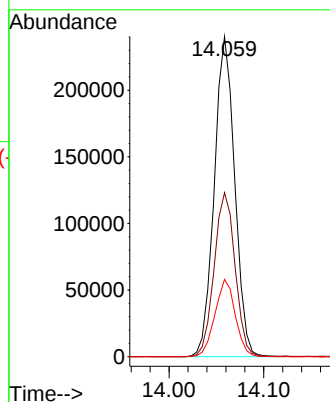
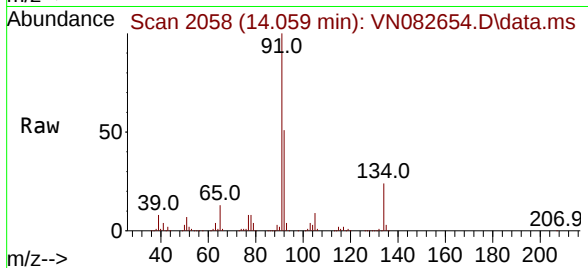
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.1	78.3
134	24.1	12.1	36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#90

Hexachloroethane

Concen: 47.258 ug/l

RT: 14.335 min Scan# 2105

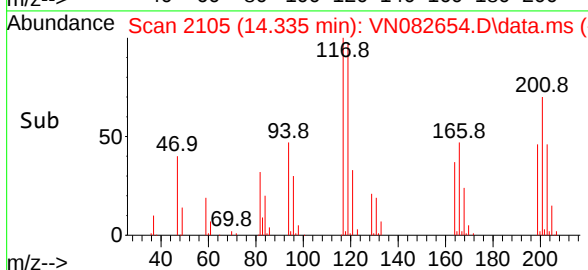
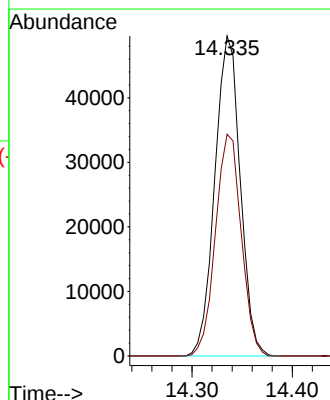
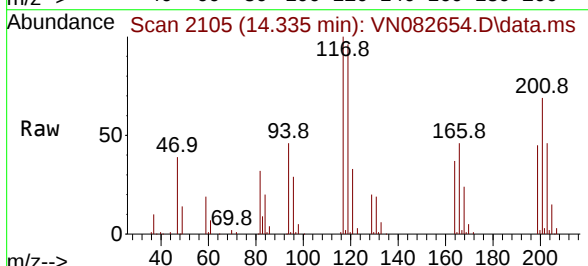
Delta R.T. 0.000 min

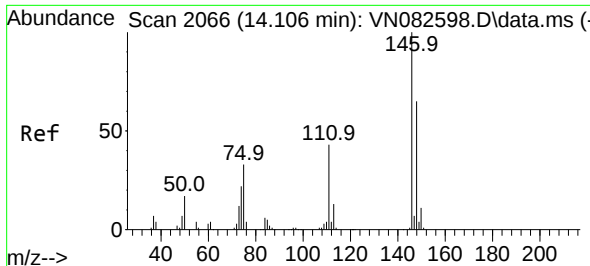
Lab File: VN082654.D

Acq: 19 Jun 2024 20:31

Tgt Ion:117 Resp: 87348

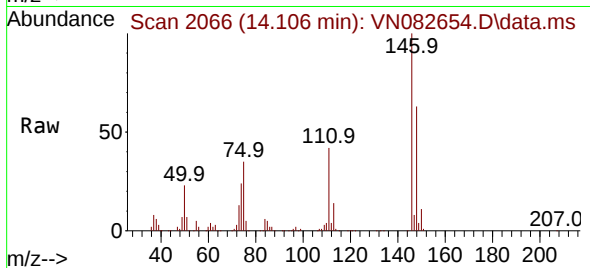
Ion	Ratio	Lower	Upper
117	100		
201	70.2	35.8	107.3





#91
1,2-Dichlorobenzene
Concen: 46.155 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

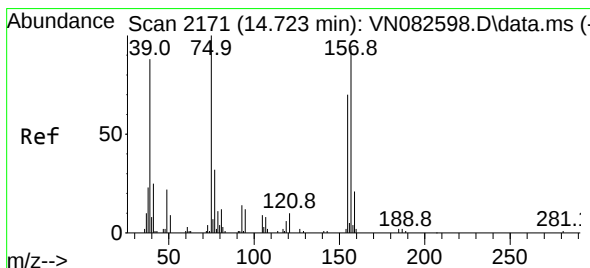
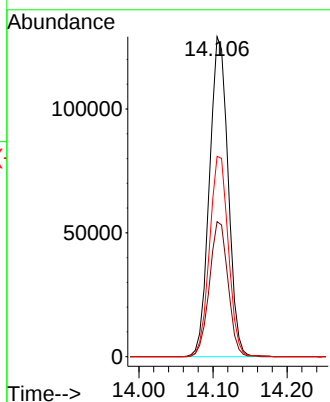
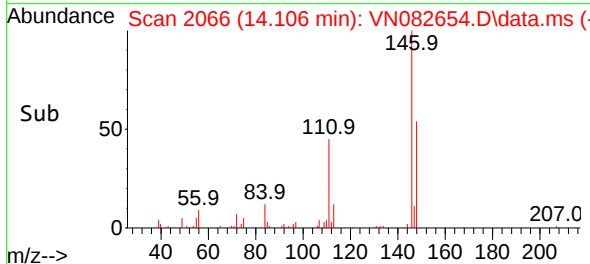
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



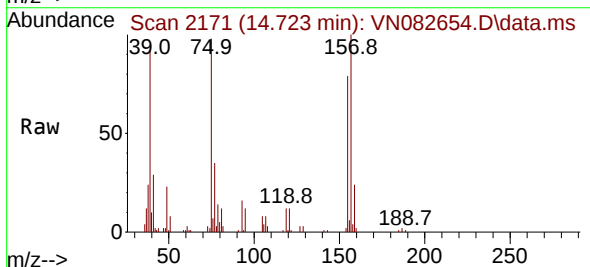
Tgt Ion:146 Resp: 22598
Ion Ratio Lower Upper
146 100
111 42.0 21.4 64.2
148 63.2 32.1 96.5

Manual Integrations
APPROVED

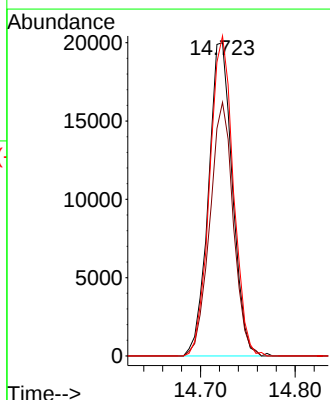
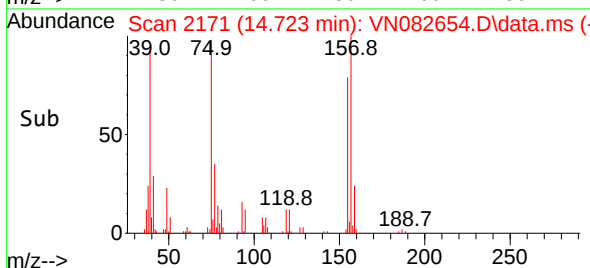
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

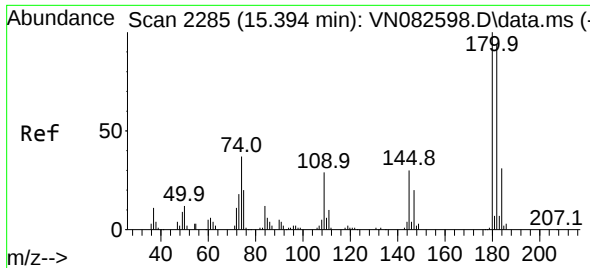


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.389 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31



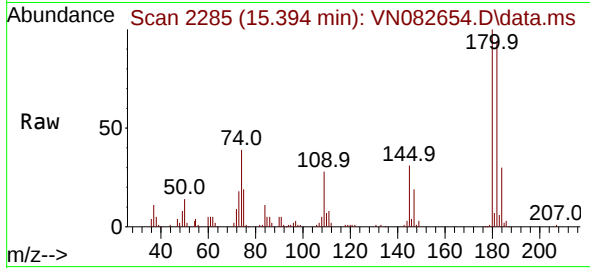
Tgt Ion: 75 Resp: 35152
Ion Ratio Lower Upper
75 100
155 79.1 36.6 109.8
157 100.8 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 43.292 ug/l
RT: 15.394 min Scan# 211780
Delta R.T. -0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

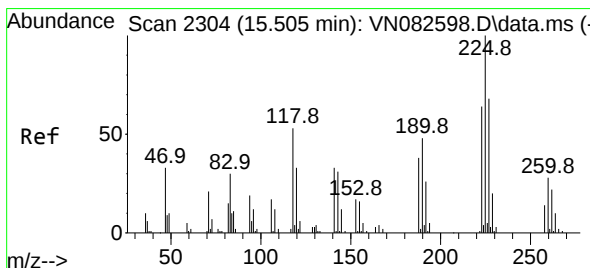
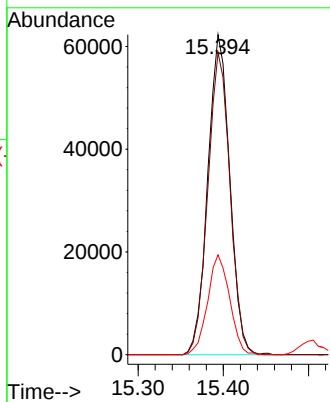
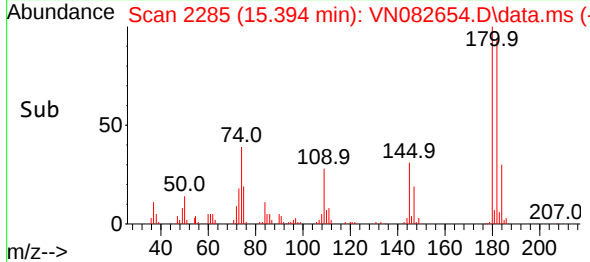
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 111780
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 31.2 15.7 47.1

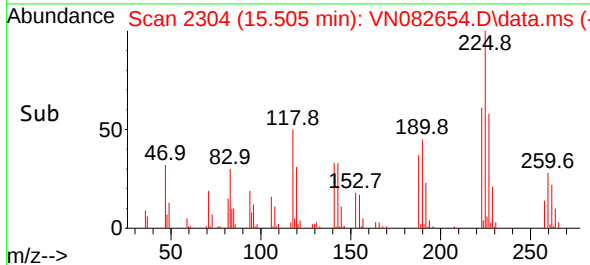
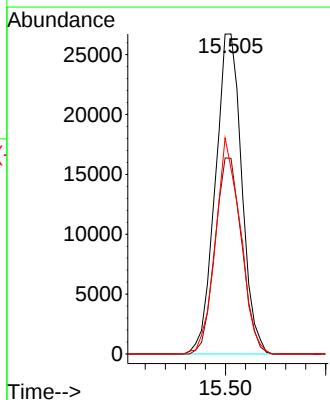
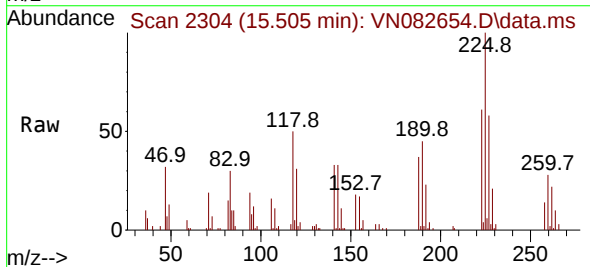
Manual Integrations
APPROVED

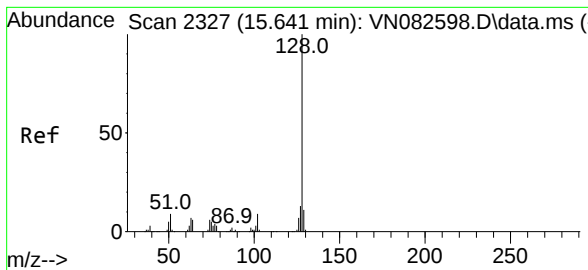
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#94
Hexachlorobutadiene
Concen: 38.287 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

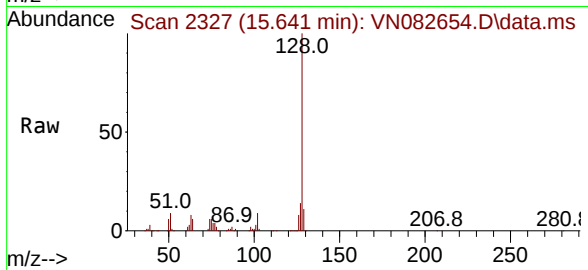
Tgt Ion:225 Resp: 48742
Ion Ratio Lower Upper
225 100
223 62.4 31.9 95.7
227 63.9 32.5 97.5





#95
Naphthalene
Concen: 49.207 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

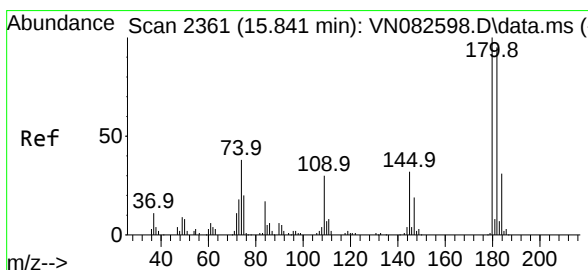
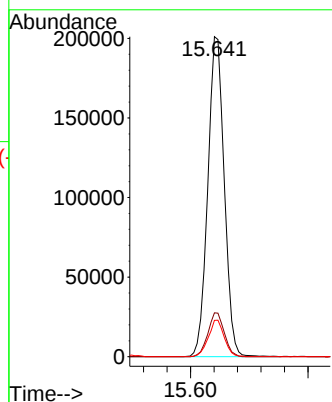
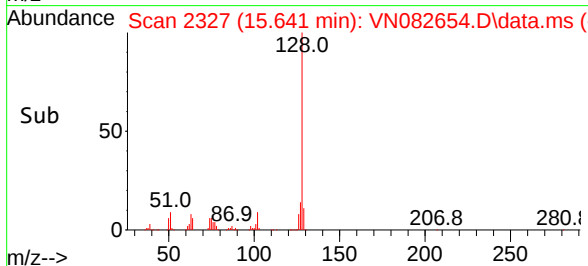
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 390880
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#96
1,2,3-Trichlorobenzene
Concen: 44.747 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082654.D
Acq: 19 Jun 2024 20:31

Tgt Ion:180 Resp: 117743
Ion Ratio Lower Upper
180 100
182 95.7 48.9 146.8
145 33.5 16.8 50.4

