

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082754.D
 Acq On : 01 Jul 2024 10:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/02/2024
 Supervised By : Mahesh Dadoda 07/02/2024

Quant Time: Jul 02 00:02:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	99015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	178929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	171098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	73050	47.840	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.680%		
35) Dibromofluoromethane	8.165	113	58290	49.480	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.960%		
50) Toluene-d8	10.571	98	209346	47.517	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.040%		
62) 4-Bromofluorobenzene	12.847	95	75574	49.950	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	99.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	68376	45.237	ug/l	99
3) Chloromethane	2.359	50	63927	40.408	ug/l	100
4) Vinyl Chloride	2.518	62	70146	41.844	ug/l	99
5) Bromomethane	2.954	94	50285	42.162	ug/l	96
6) Chloroethane	3.118	64	52693	44.564	ug/l	95
7) Trichlorofluoromethane	3.495	101	94083	45.276	ug/l	98
8) Diethyl Ether	3.959	74	37519	57.731	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	55730	47.010	ug/l	98
10) Methyl Iodide	4.589	142	64115	58.983	ug/l	98
11) Tert butyl alcohol	5.512	59	59994	245.975	ug/l	98
12) 1,1-Dichloroethene	4.342	96	52754	47.705	ug/l	84
13) Acrolein	4.177	56	44481	299.788	ug/l	97
14) Allyl chloride	5.024	41	82457	49.627	ug/l #	95
15) Acrylonitrile	5.718	53	161013	248.174	ug/l	100
16) Acetone	4.424	43	134392	232.300	ug/l	96
17) Carbon Disulfide	4.718	76	147888	40.833	ug/l	100
18) Methyl Acetate	5.024	43	71146	46.260	ug/l #	91
19) Methyl tert-butyl Ether	5.795	73	208773	56.940	ug/l	97
20) Methylene Chloride	5.277	84	67596	46.175	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	59192	49.604	ug/l	90
22) Diisopropyl ether	6.677	45	211208	54.639	ug/l	98
23) Vinyl Acetate	6.600	43	858107	278.032	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	119495	50.918	ug/l	99
25) 2-Butanone	7.483	43	218598	247.321	ug/l	91
26) 2,2-Dichloropropane	7.489	77	105075	69.788	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	74515	53.072	ug/l	92
28) Bromochloromethane	7.818	49	49736	48.455	ug/l	86
29) Tetrahydrofuran	7.841	42	140012	245.660	ug/l #	85
30) Chloroform	7.965	83	126598	50.600	ug/l	98
31) Cyclohexane	8.259	56	91269	42.422	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	108002	48.892	ug/l	98
36) 1,1-Dichloropropene	8.371	75	82663	48.818	ug/l	98
37) Ethyl Acetate	7.559	43	88950	48.604	ug/l	97
38) Carbon Tetrachloride	8.365	117	91837	46.373	ug/l	92
39) Methylcyclohexane	9.606	83	89457	50.885	ug/l	90
40) Benzene	8.606	78	274641	49.442	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	49211	52.149	ug/l	94
42) 1,2-Dichloroethane	8.671	62	99996	50.131	ug/l	98
43) Isopropyl Acetate	8.688	43	156744	49.051	ug/l #	93
44) Trichloroethene	9.353	130	62256	48.272	ug/l	98
45) 1,2-Dichloropropane	9.624	63	69483	51.611	ug/l	99
46) Dibromomethane	9.712	93	51495	52.366	ug/l	99
47) Bromodichloromethane	9.888	83	106092	52.946	ug/l #	97
48) Methyl methacrylate	9.682	41	71210	50.560	ug/l #	86
49) 1,4-Dioxane	9.694	88	28644	1019.079	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	471494	251.884	ug/l	94
52) Toluene	10.630	92	174469	53.488	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	112574	59.401	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	114766	57.600	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	68295	53.997	ug/l	96
56) Ethyl methacrylate	10.877	69	109200	57.405	ug/l	85
57) 1,3-Dichloropropane	11.165	76	117837	53.005	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	253898	264.932	ug/l	97
59) 2-Hexanone	11.194	43	355720	256.290	ug/l	93
60) Dibromochloromethane	11.359	129	81538	53.156	ug/l	99
61) 1,2-Dibromoethane	11.471	107	68837	51.800	ug/l	100
64) Tetrachloroethene	11.106	164	59030	46.056	ug/l	96
65) Chlorobenzene	11.894	112	191100	49.790	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	69390	52.024	ug/l	98
67) Ethyl Benzene	11.965	91	326832	51.598	ug/l	99
68) m/p-Xylenes	12.071	106	258768	109.795	ug/l	95
69) o-Xylene	12.400	106	122795	54.063	ug/l	95
70) Styrene	12.412	104	217178	56.321	ug/l	98
71) Bromoform	12.582	173	53953	51.723	ug/l #	97
73) Isopropylbenzene	12.694	105	308384	51.632	ug/l	99
74) N-amyl acetate	12.494	43	139371	52.280	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	95859	45.743	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	87160m	48.792	ug/l	
77) Bromobenzene	12.982	156	77022	51.890	ug/l	98
78) n-propylbenzene	13.035	91	372238	52.781	ug/l	100
79) 2-Chlorotoluene	13.123	91	221635	50.145	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	264675	53.944	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	39763	58.050	ug/l	95
82) 4-Chlorotoluene	13.223	91	231515	53.082	ug/l	99
83) tert-Butylbenzene	13.441	119	220570	53.419	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	269242	55.520	ug/l	98
85) sec-Butylbenzene	13.618	105	314532	54.365	ug/l	99
86) p-Isopropyltoluene	13.729	119	266699	57.536	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	143498	50.488	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	142355	48.121	ug/l	99
89) n-Butylbenzene	14.059	91	224864	54.783	ug/l	100
90) Hexachloroethane	14.335	117	51850	50.376	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	140182	51.932	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	19017	48.167	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	73063	55.444	ug/l	99
94) Hexachlorobutadiene	15.506	225	28098	47.139	ug/l	99
95) Naphthalene	15.641	128	245857	56.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	73654	52.411	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration

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

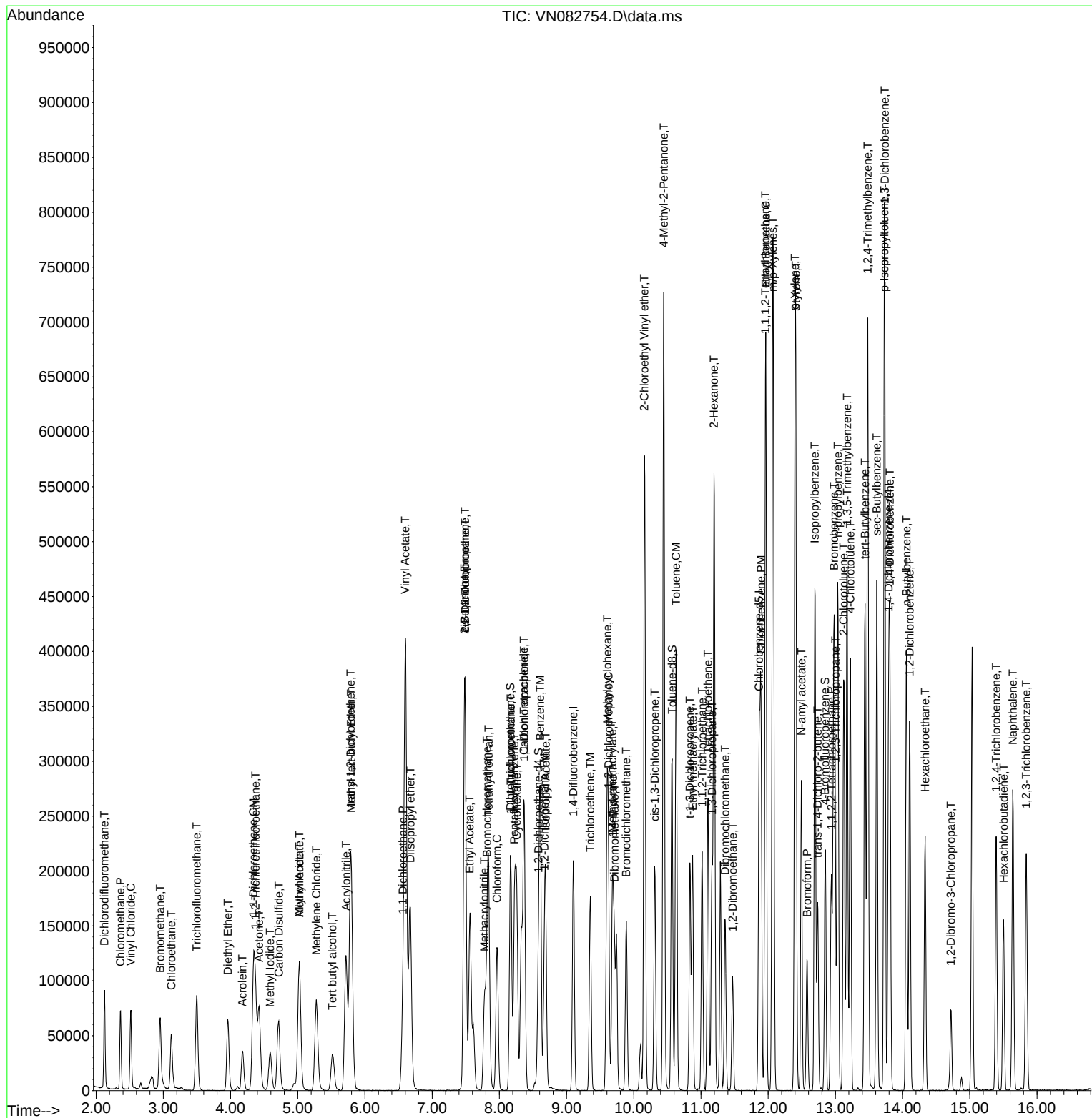
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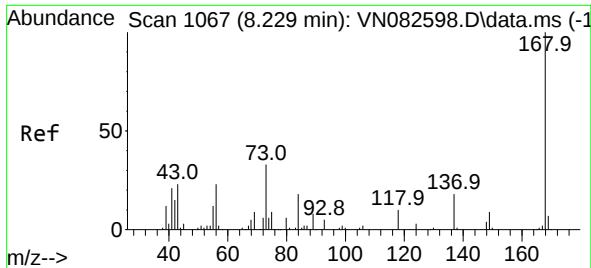
Instrument :
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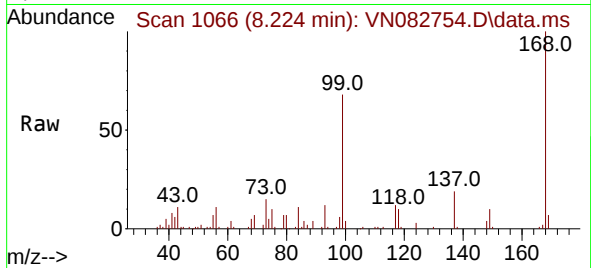
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082754.D
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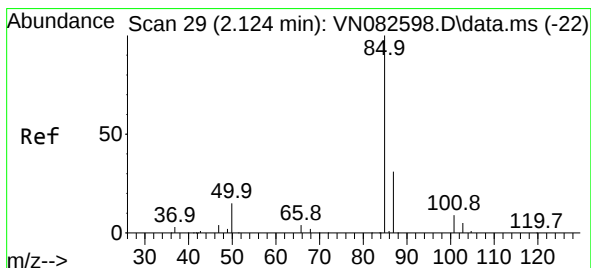
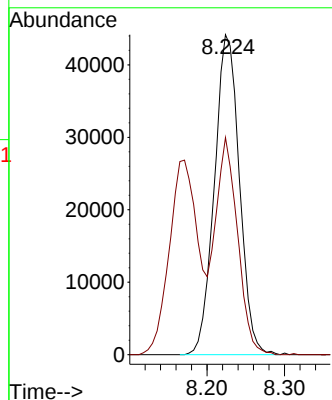
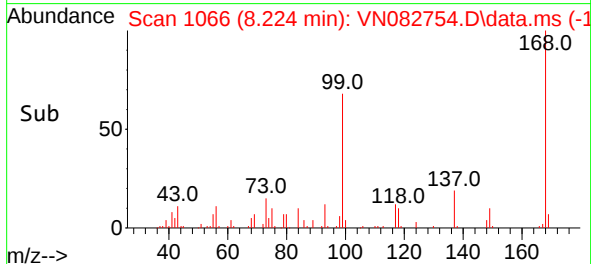
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 99015
Ion Ratio Lower Upper
168 100
99 67.9 48.2 72.4

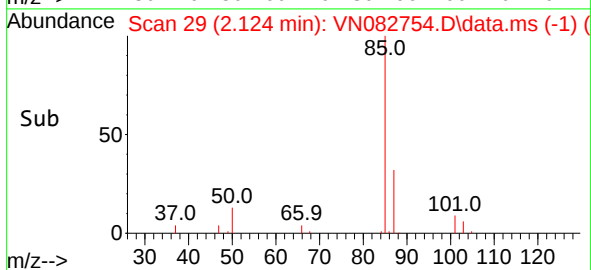
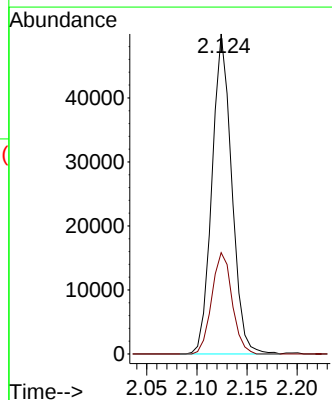
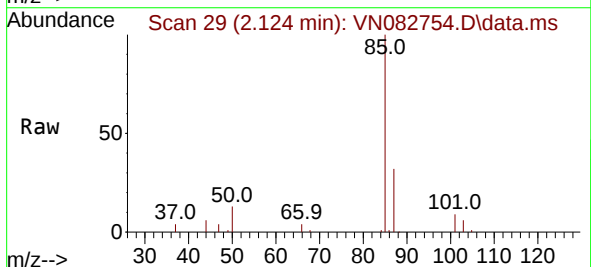
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#2
Dichlorodifluoromethane
Concen: 45.237 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

Tgt Ion: 85 Resp: 68376
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0





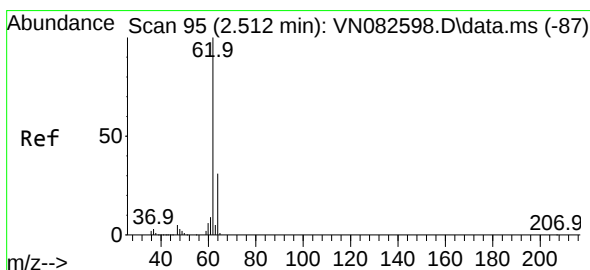
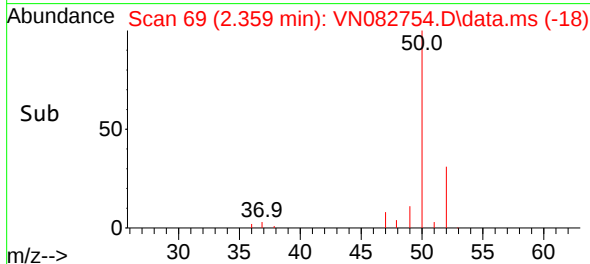
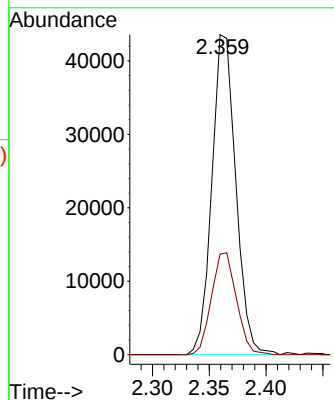
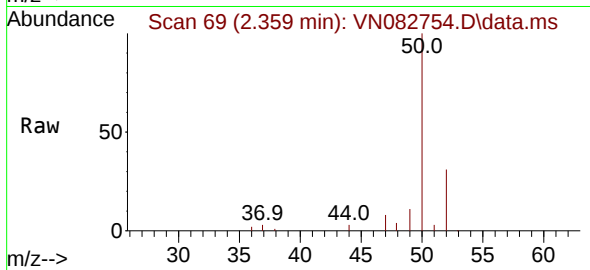
#3
Chloromethane
Concen: 40.408 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 6392
Ion Ratio Lower Upper
50 100
52 31.4 25.0 37.4

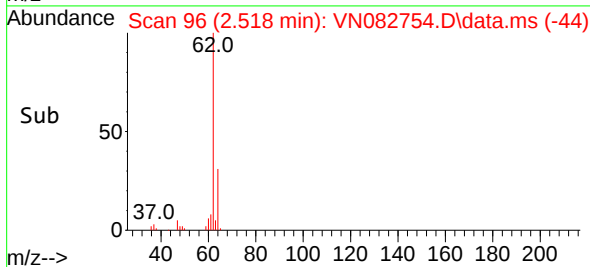
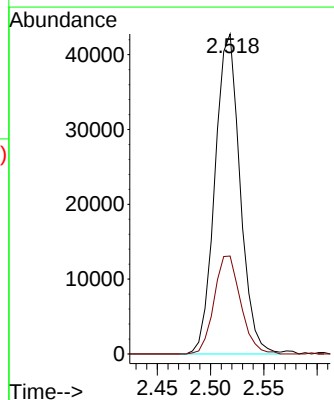
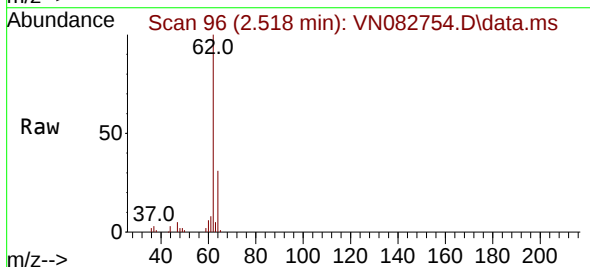
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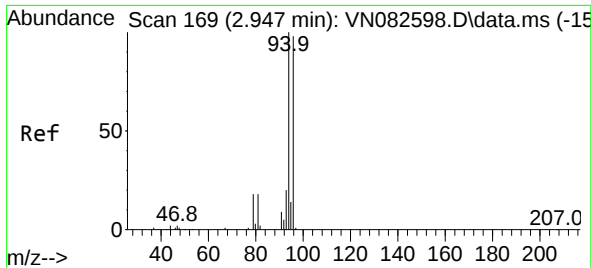
Reviewed By :John Carlone 07/02/2024
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#4
Vinyl Chloride
Concen: 41.844 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

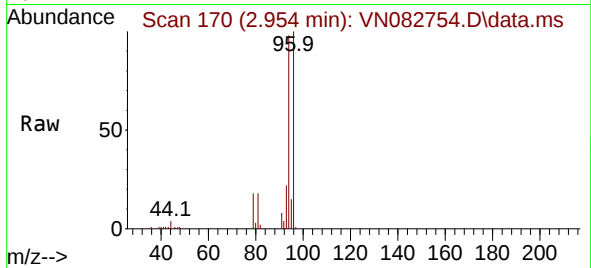
Tgt Ion: 62 Resp: 70146
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.6





#5
Bromomethane
Concen: 42.162 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

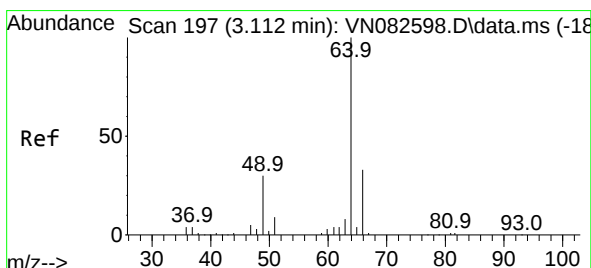
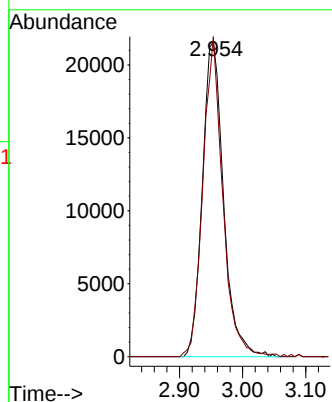
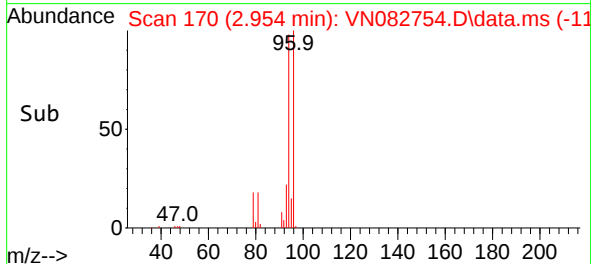
Instrument :
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Tgt Ion: 94 Resp: 50285
Ion Ratio Lower Upper
94 100
96 101.6 78.0 117.0

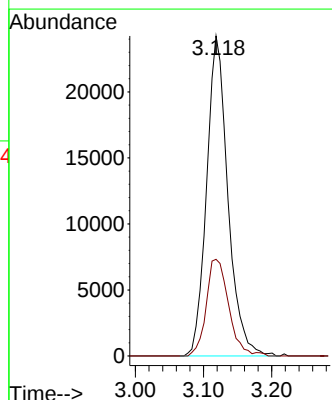
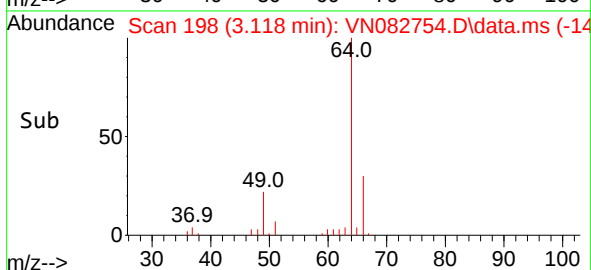
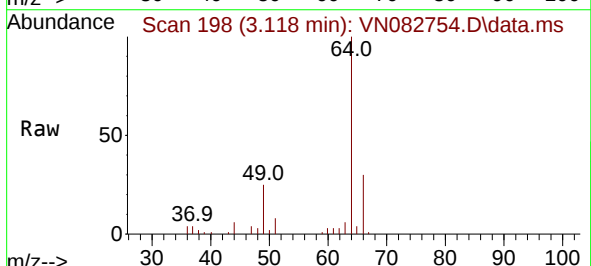
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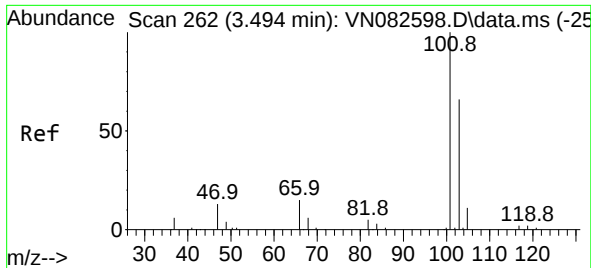
Reviewed By :John Carlone 07/02/2024
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#6
Chloroethane
Concen: 44.564 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

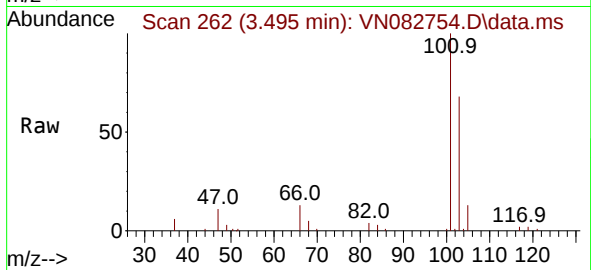
Tgt Ion: 64 Resp: 52693
Ion Ratio Lower Upper
64 100
66 30.2 26.6 40.0





#7
Trichlorofluoromethane
Concen: 45.276 ug/l
RT: 3.495 min Scan# 210
Delta R.T. 0.001 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

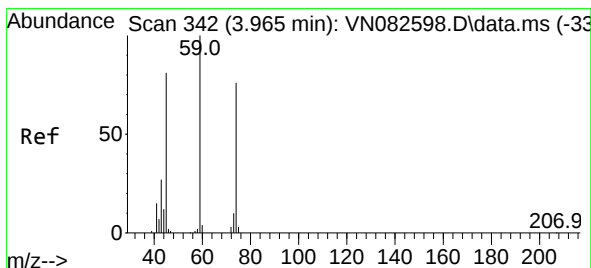
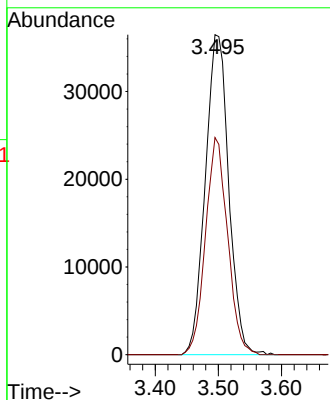
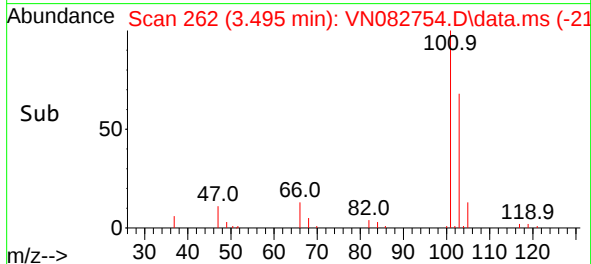
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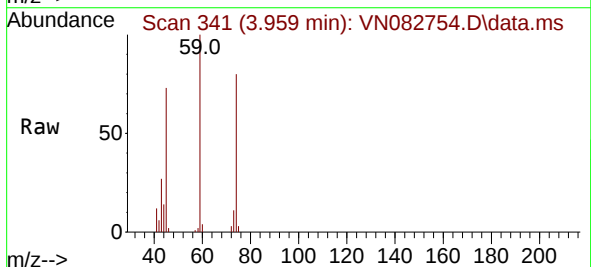
Tgt Ion:101 Resp: 9408
Ion Ratio Lower Upper
101 100
103 67.8 52.7 79.1

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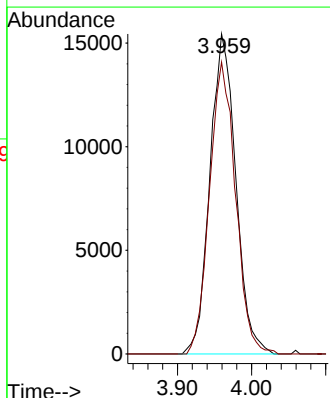
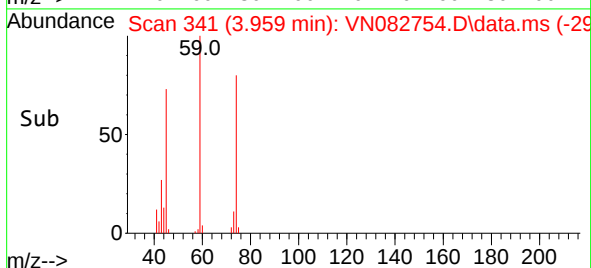
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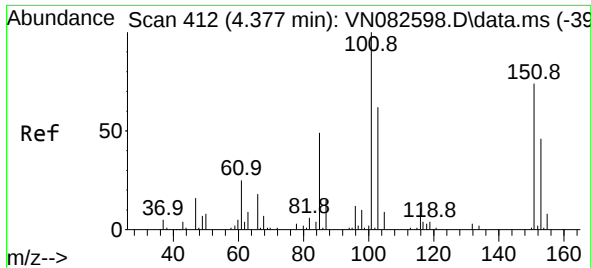


#8
Diethyl Ether
Concen: 57.731 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17



Tgt Ion: 74 Resp: 37519
Ion Ratio Lower Upper
74 100
45 91.5 55.5 166.3





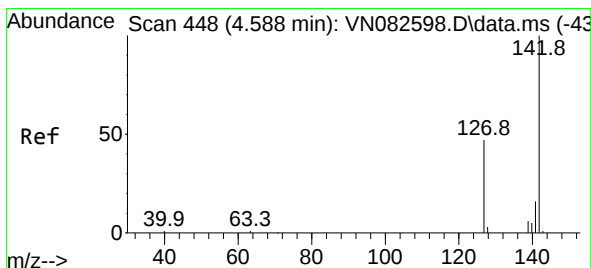
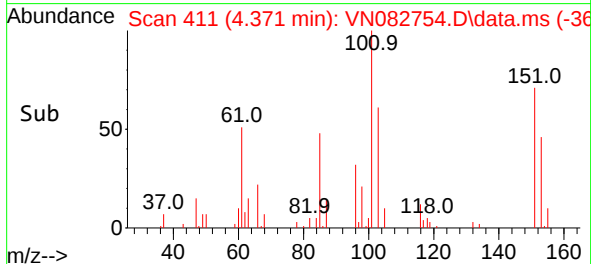
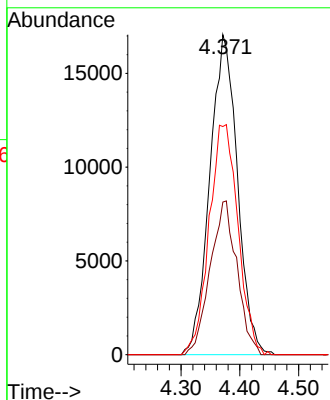
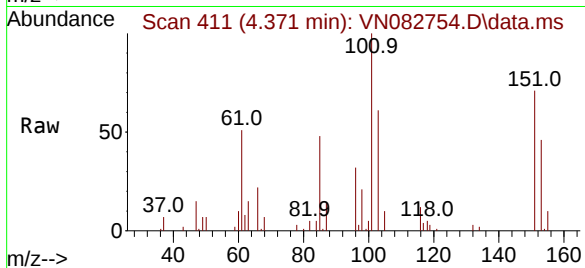
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.010 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 55730
Ion Ratio Lower Upper
101 100
85 46.6 38.3 57.5
151 75.3 59.3 88.9

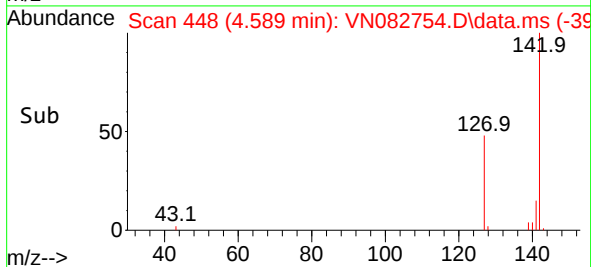
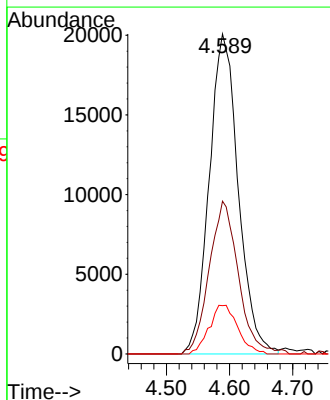
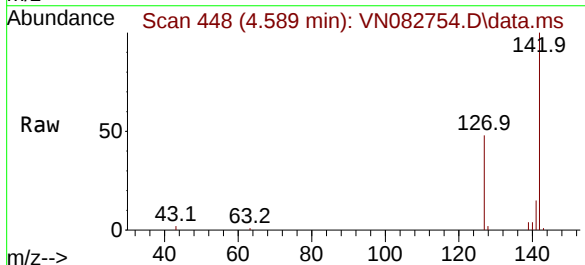
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#10
Methyl Iodide
Concen: 58.983 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

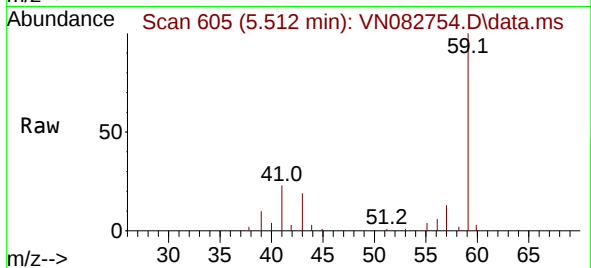
Tgt Ion:142 Resp: 64115
Ion Ratio Lower Upper
142 100
127 47.7 37.5 56.3
141 15.1 13.1 19.7





#11
Tert butyl alcohol
Concen: 245.975 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

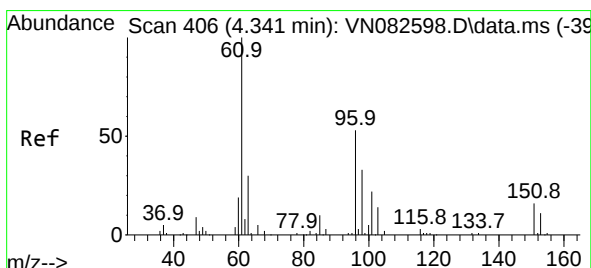
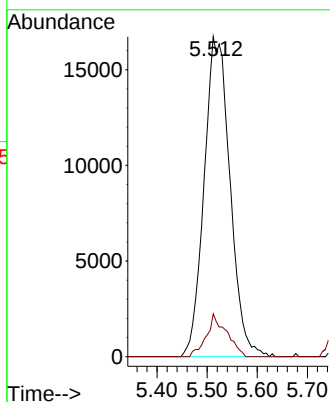
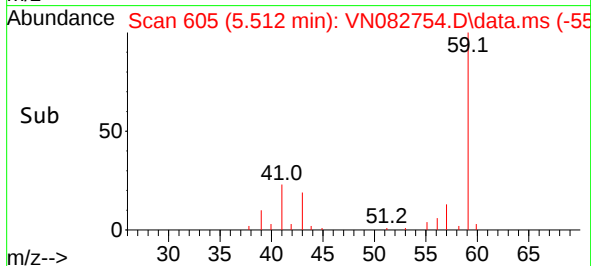
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



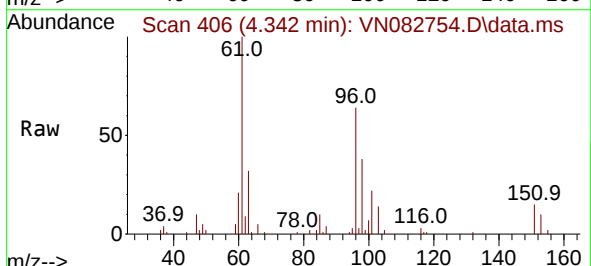
Tgt Ion: 59 Resp: 59994
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3

Manual Integrations
APPROVED

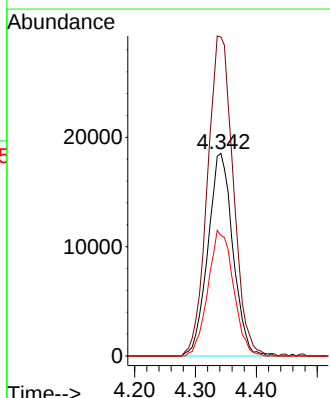
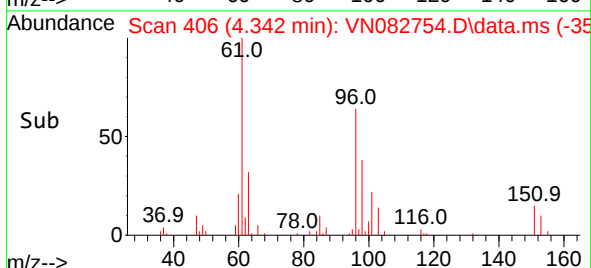
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#12
1,1-Dichloroethene
Concen: 47.705 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17



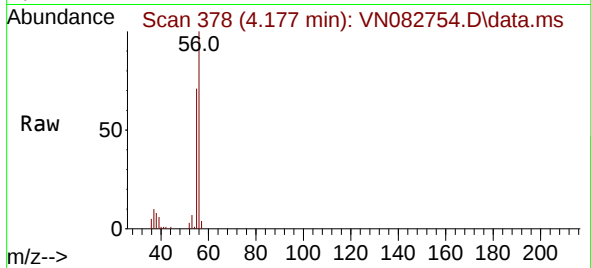
Tgt Ion: 96 Resp: 52754
Ion Ratio Lower Upper
96 100
61 157.4 149.7 224.5
98 59.5 50.1 75.1





#13
Acrolein
Concen: 299.788 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

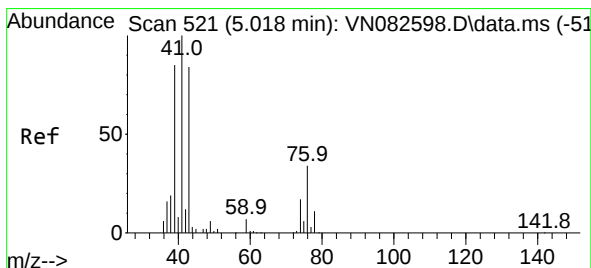
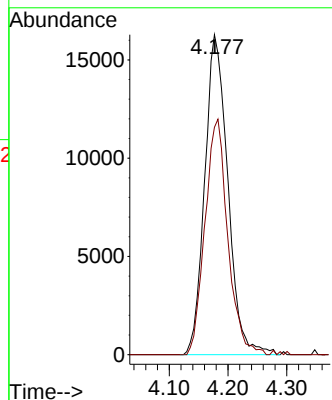
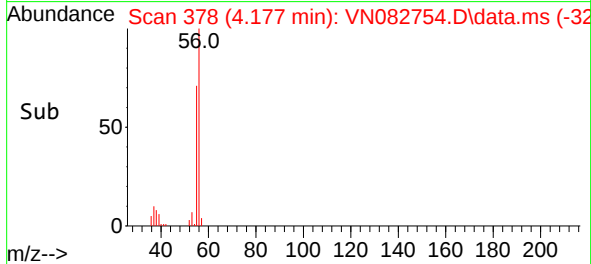
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 4448
Ion Ratio Lower Upper
56 100
55 72.7 56.4 84.6

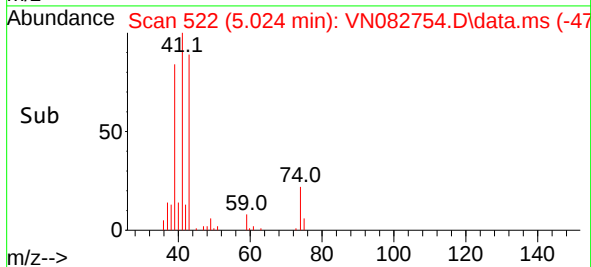
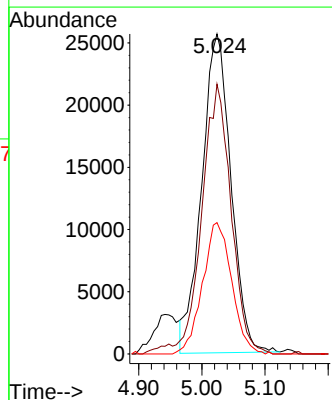
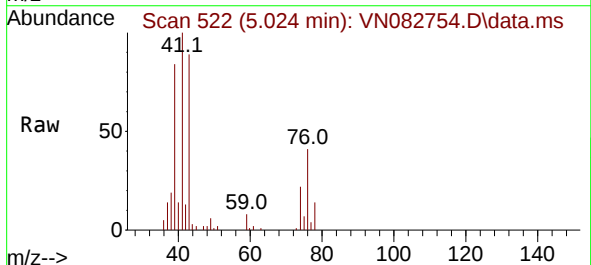
Manual Integrations
APPROVED

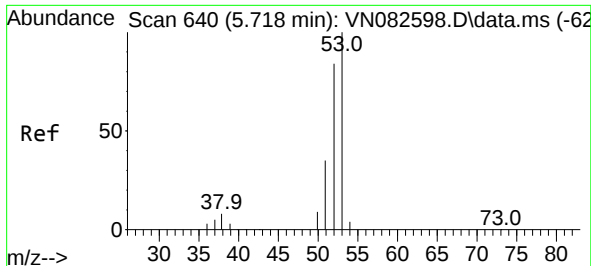
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#14
Allyl chloride
Concen: 49.627 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

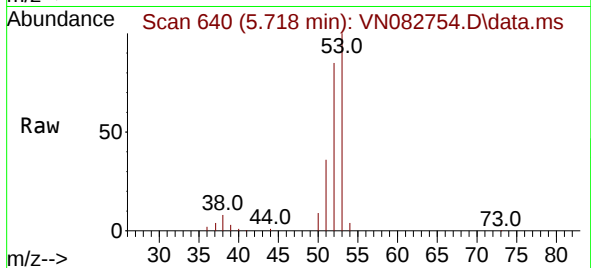
Tgt Ion: 41 Resp: 82457
Ion Ratio Lower Upper
41 100
39 85.3 67.8 101.6
76 41.1 25.8 38.8#





#15
Acrylonitrile
Concen: 248.174 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

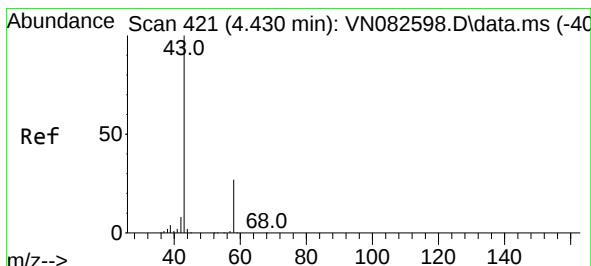
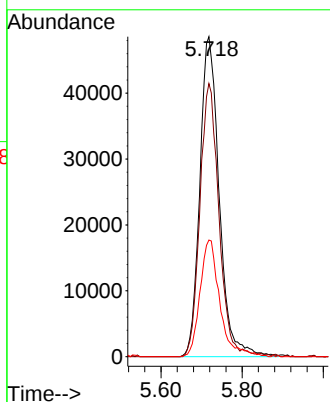
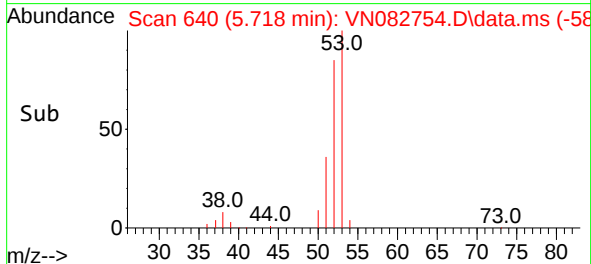
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 16101
Ion Ratio Lower Upper
53 100
52 83.5 66.6 100.0
51 37.3 30.1 45.1

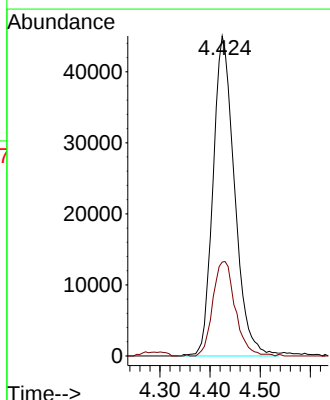
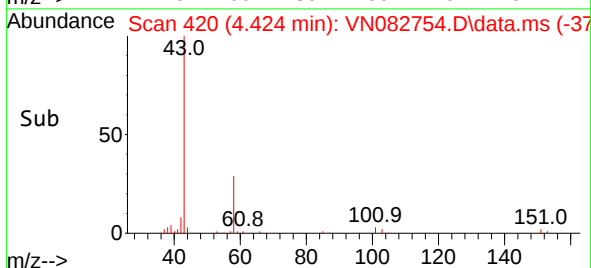
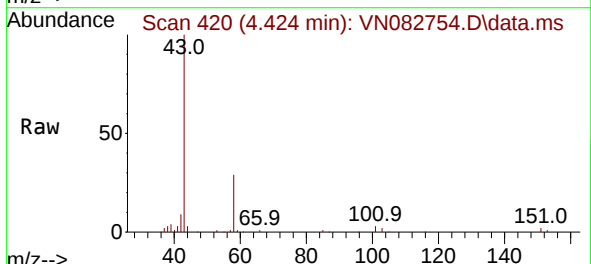
Manual Integrations
APPROVED

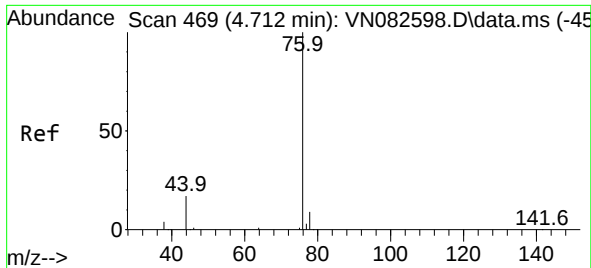
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#16
Acetone
Concen: 232.300 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

Tgt Ion: 43 Resp: 134392
Ion Ratio Lower Upper
43 100
58 29.3 21.8 32.6





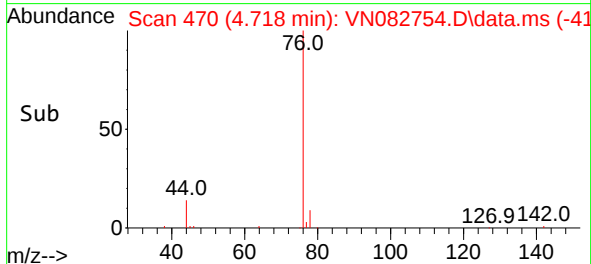
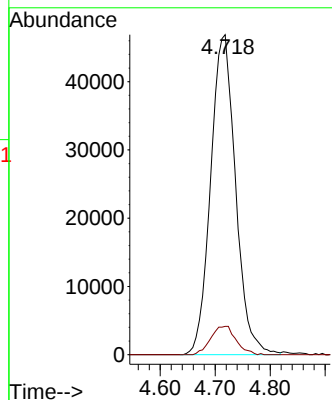
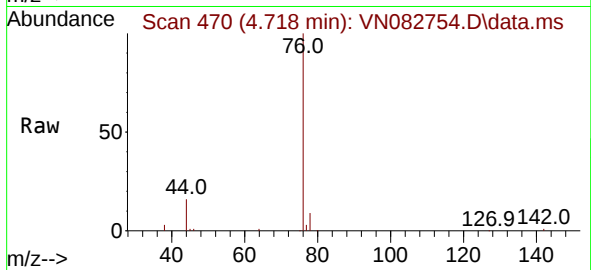
#17
Carbon Disulfide
Concen: 40.833 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 14788
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

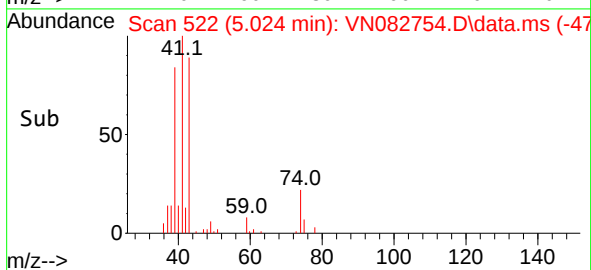
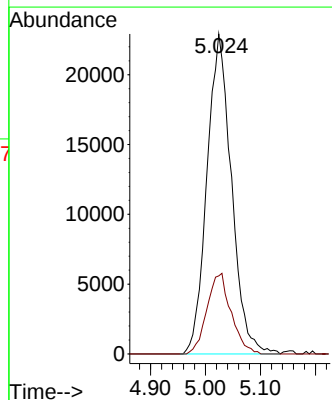
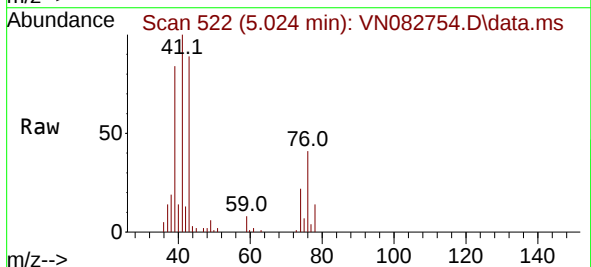
Manual Integrations
APPROVED

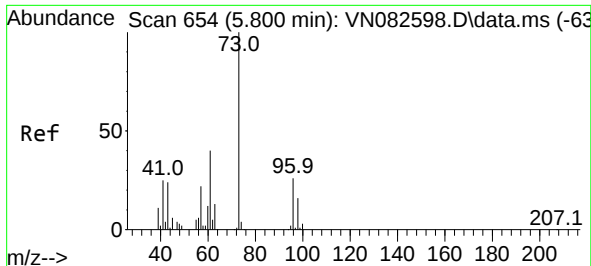
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#18
Methyl Acetate
Concen: 46.260 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

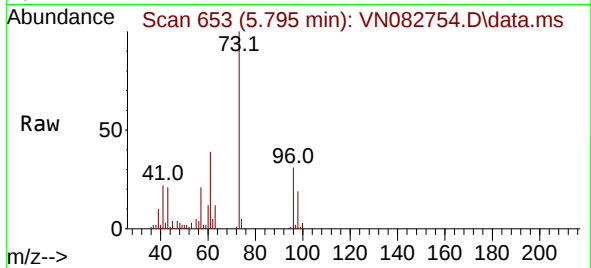
Tgt Ion: 43 Resp: 71146
Ion Ratio Lower Upper
43 100
74 24.8 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 56.940 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

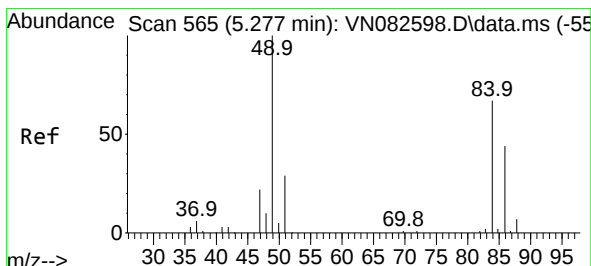
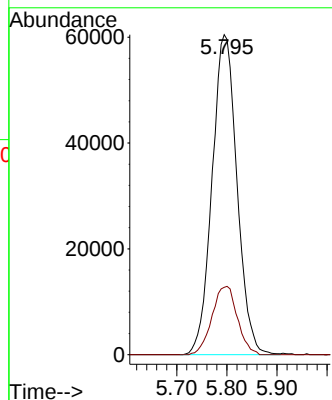
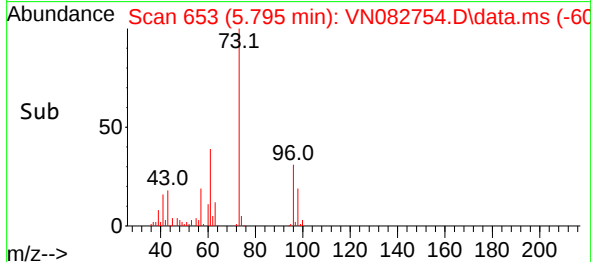
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 20877
Ion Ratio Lower Upper
73 100
57 21.1 17.9 26.9

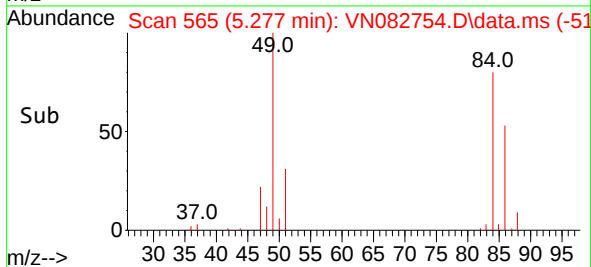
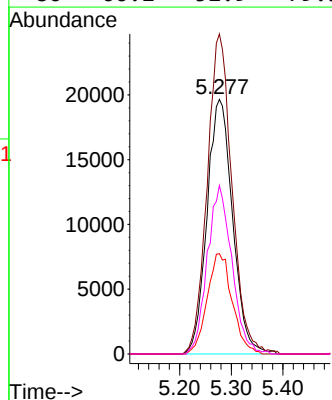
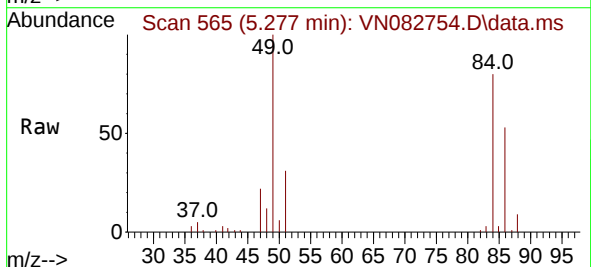
Manual Integrations
APPROVED

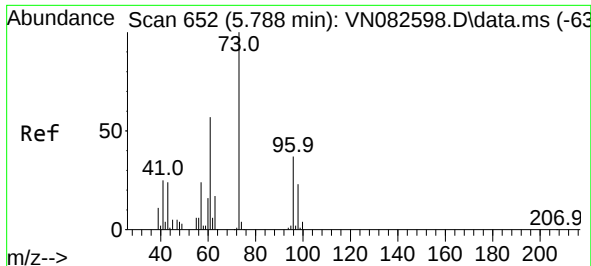
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#20
Methylene Chloride
Concen: 46.175 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

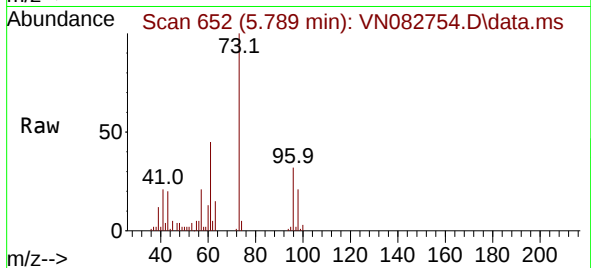
Tgt Ion: 84 Resp: 67596
Ion Ratio Lower Upper
84 100
49 125.7 119.6 179.4
51 39.4 34.8 52.2
86 66.2 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 49.604 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

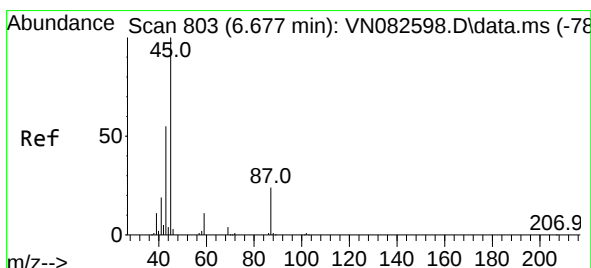
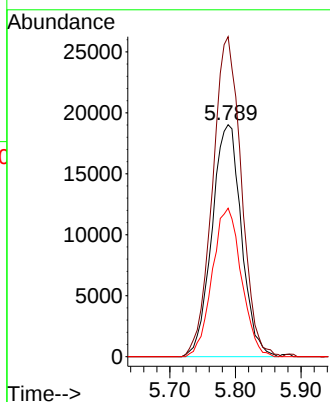
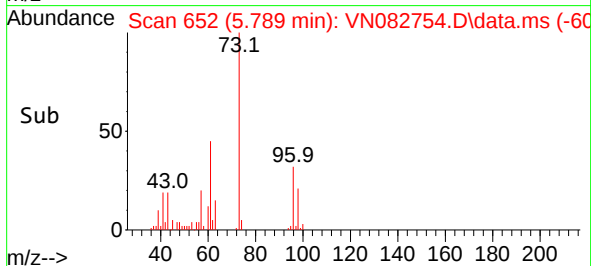
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



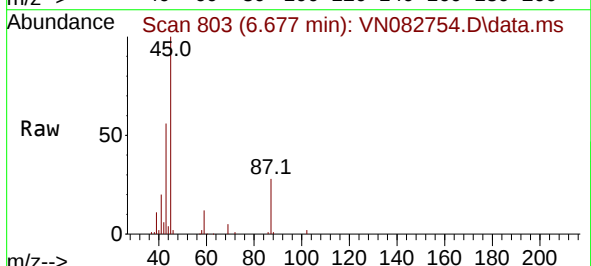
Tgt Ion: 96 Resp: 59192
Ion Ratio Lower Upper
96 100
61 138.0 123.4 185.2
98 64.0 49.3 73.9

Manual Integrations
APPROVED

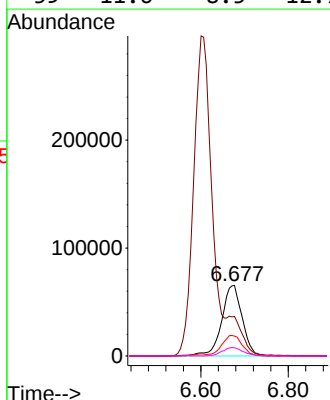
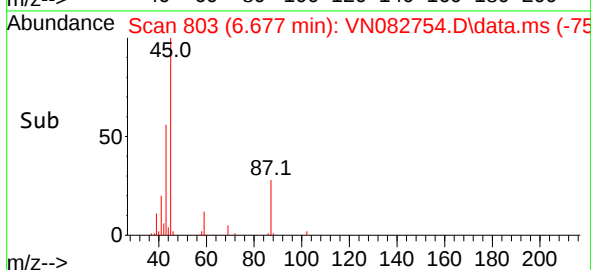
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#22
Diisopropyl ether
Concen: 54.639 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17



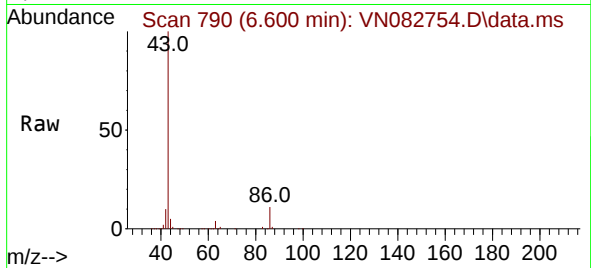
Tgt Ion: 45 Resp: 211208
Ion Ratio Lower Upper
45 100
43 55.1 44.0 66.0
87 28.1 19.7 29.5
59 11.6 8.5 12.7





#23
 Vinyl Acetate
 Concen: 278.032 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN082754.D
 Acq: 01 Jul 2024 10:17

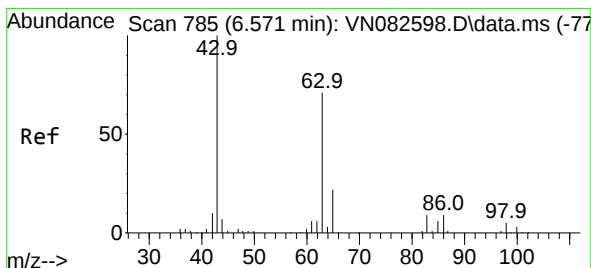
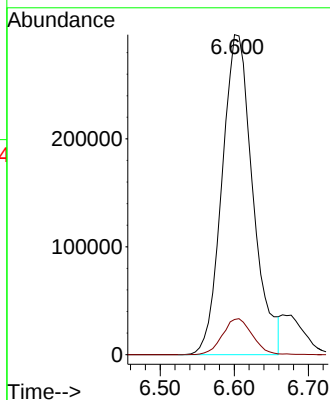
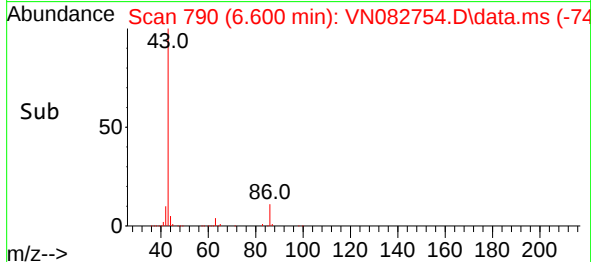
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



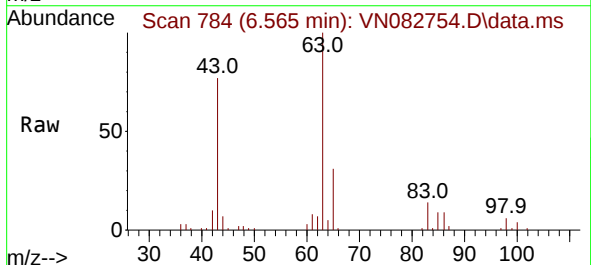
Tgt Ion: 43 Resp: 85810
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.3 10.9

Manual Integrations
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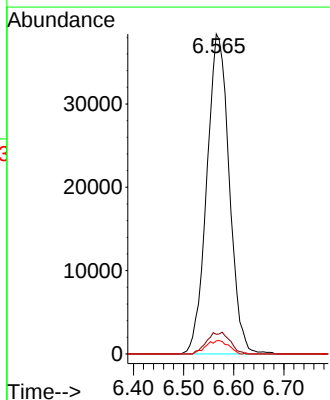
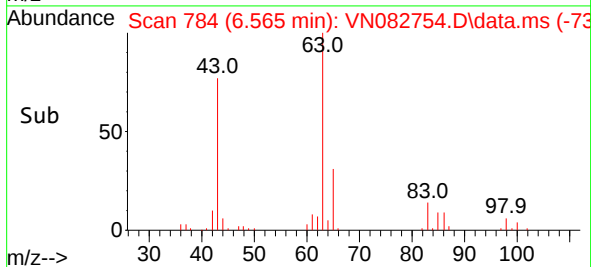
Reviewed By :John Carlone 07/02/2024
 Supervised By :Mahesh Dadoda 07/02/2024

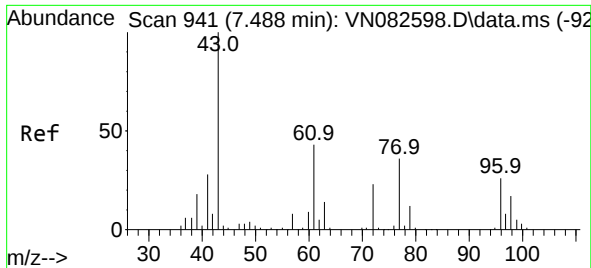


#24
 1,1-Dichloroethane
 Concen: 50.918 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082754.D
 Acq: 01 Jul 2024 10:17



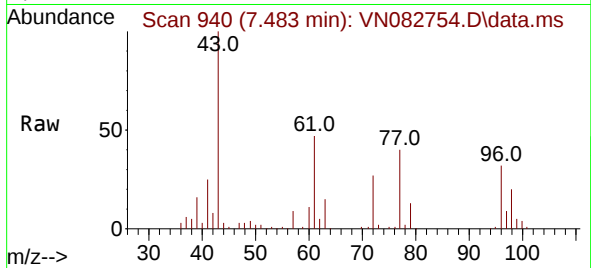
Tgt Ion: 63 Resp: 119495
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 4.1 2.0 6.0





#25
2-Butanone
Concen: 247.321 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

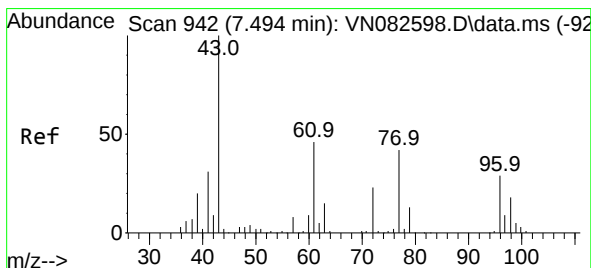
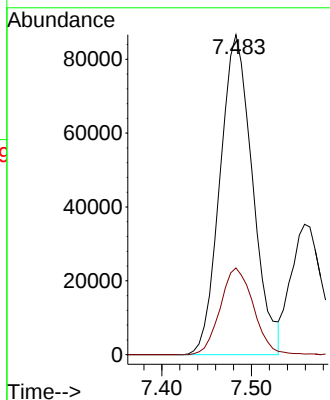
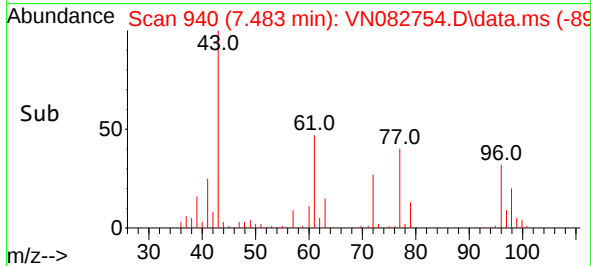
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



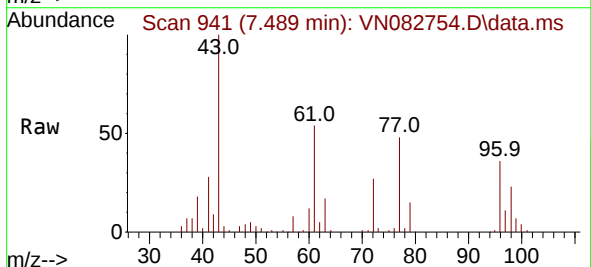
Tgt Ion: 43 Resp: 218598
Ion Ratio Lower Upper
43 100
72 27.1 18.2 27.2

Manual Integrations
APPROVED

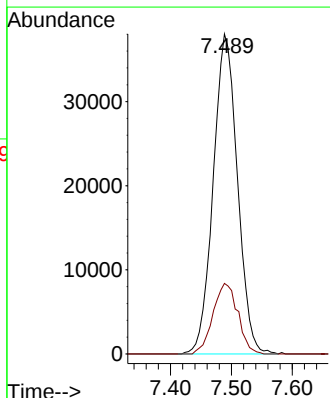
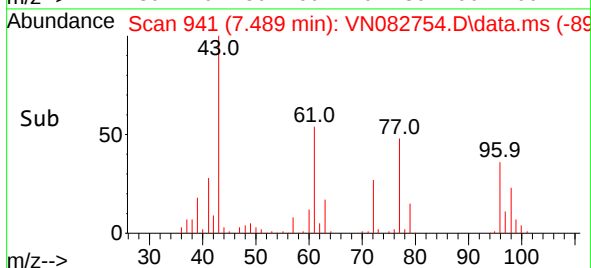
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

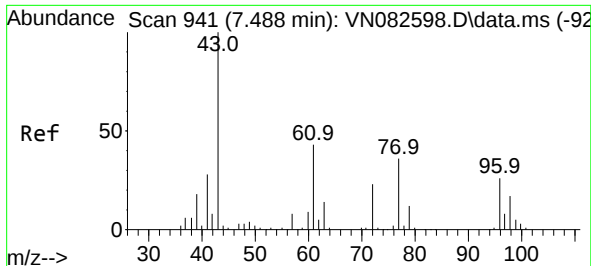


#26
2,2-Dichloropropane
Concen: 69.788 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17



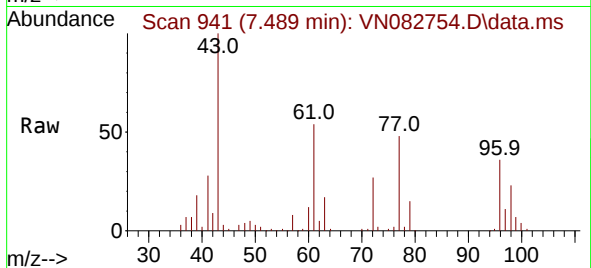
Tgt Ion: 77 Resp: 105075
Ion Ratio Lower Upper
77 100
97 22.6 10.3 30.9





#27
cis-1,2-Dichloroethene
Concen: 53.072 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

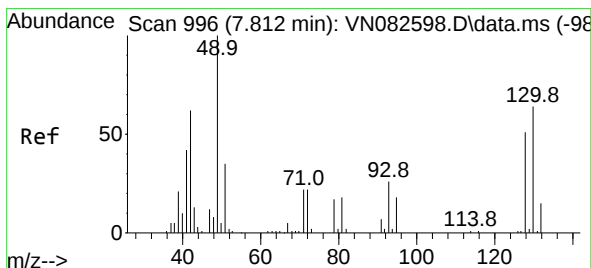
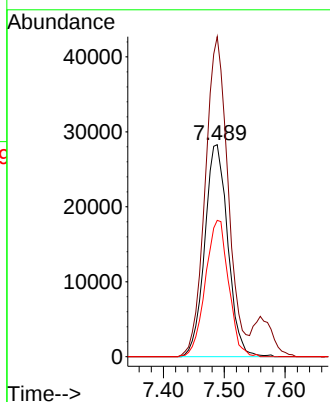
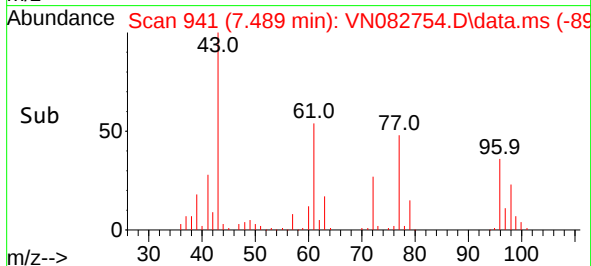
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 7451
Ion Ratio Lower Upper
96 100
61 150.0 0.0 329.6
98 64.7 0.0 128.6

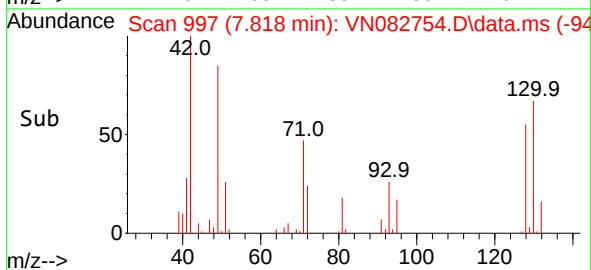
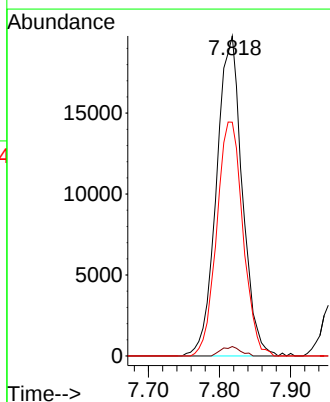
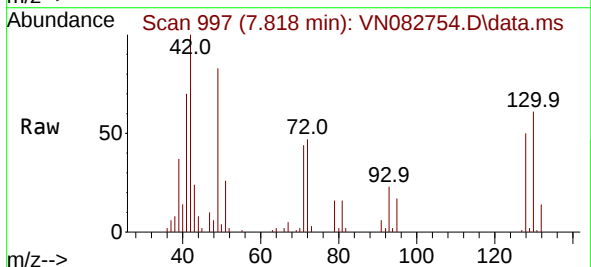
Manual Integrations
APPROVED

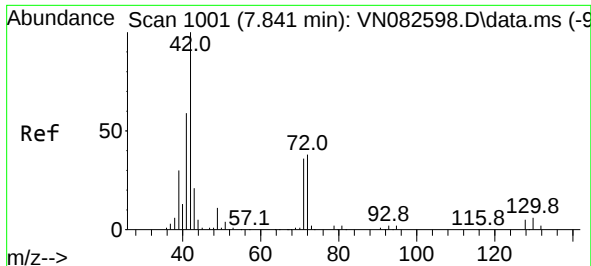
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#28
Bromochloromethane
Concen: 48.455 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

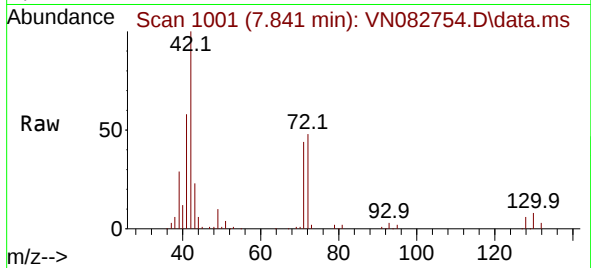
Tgt Ion: 49 Resp: 49736
Ion Ratio Lower Upper
49 100
129 2.2 0.0 3.8
130 74.5 50.5 75.7





#29
Tetrahydrofuran
Concen: 245.660 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

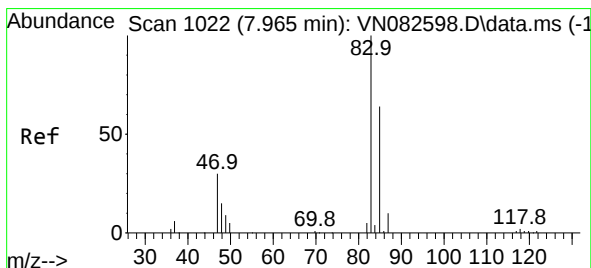
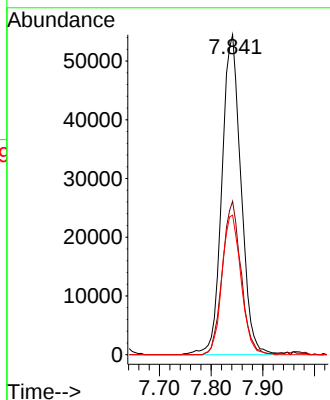
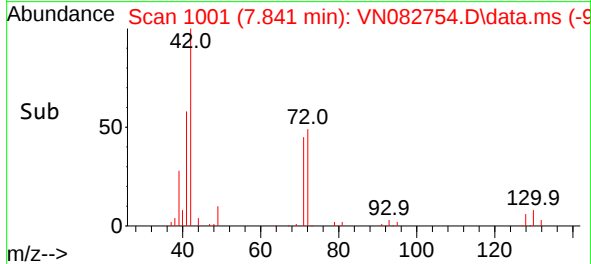
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 140012
Ion Ratio Lower Upper
42 100
72 46.9 30.0 45.0
71 43.6 28.3 42.5

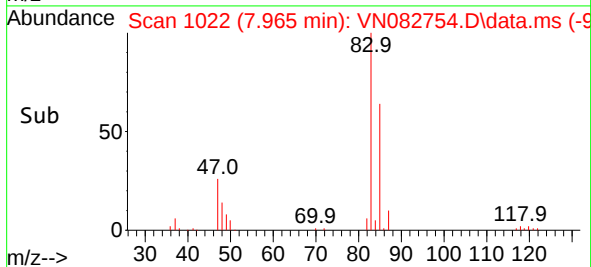
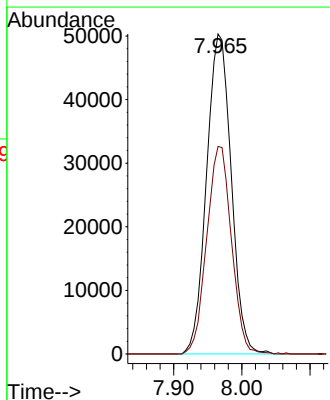
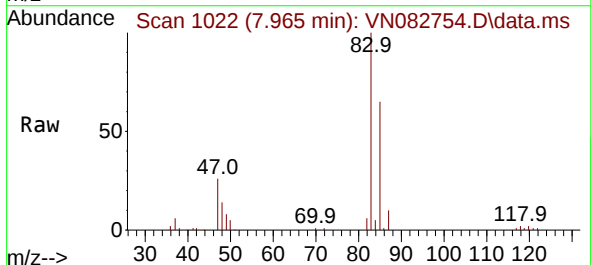
Manual Integrations
APPROVED

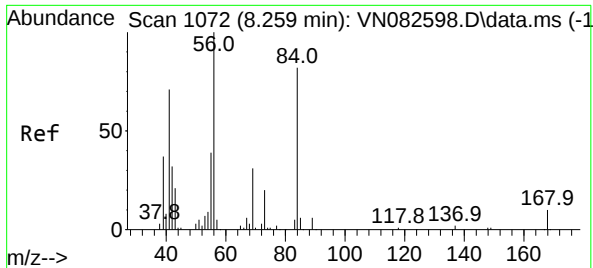
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#30
Chloroform
Concen: 50.600 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

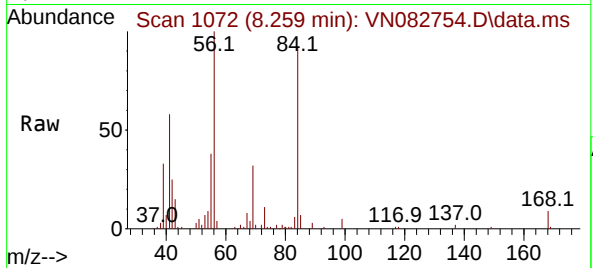
Tgt Ion: 83 Resp: 126598
Ion Ratio Lower Upper
83 100
85 64.9 50.9 76.3





#31
Cyclohexane
Concen: 42.422 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

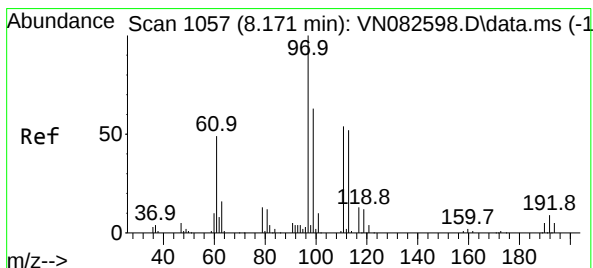
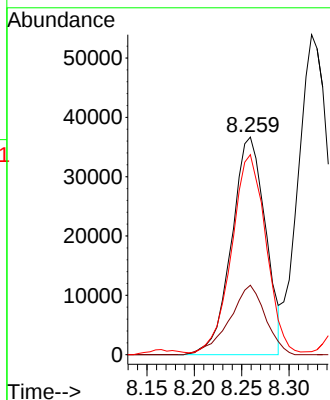
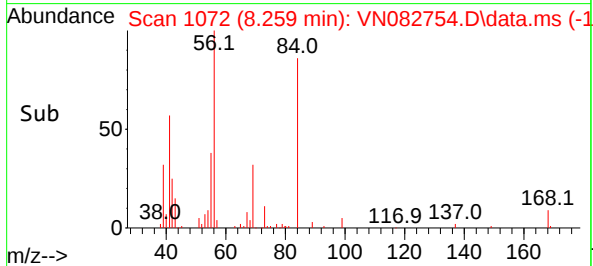
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



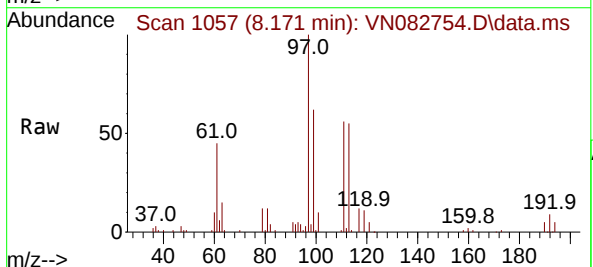
Tgt Ion: 56 Resp: 91269
Ion Ratio Lower Upper
56 100
69 31.9 24.5 36.7
84 90.4 66.0 99.0

Manual Integrations
APPROVED

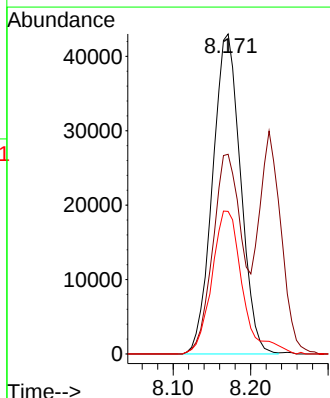
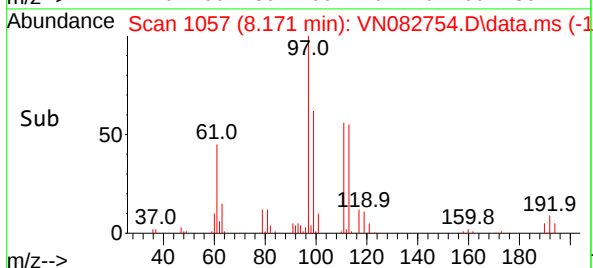
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

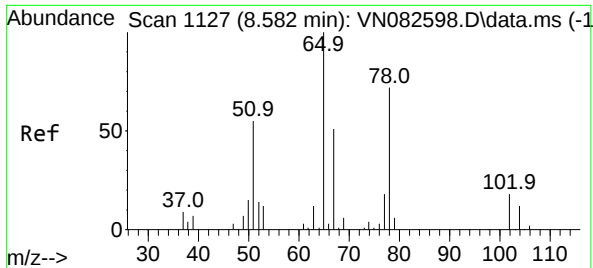


#32
1,1,1-Trichloroethane
Concen: 48.892 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17



Tgt Ion: 97 Resp: 108002
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 48.8 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 47.840 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082754.D

Acq: 01 Jul 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 73050

Ion Ratio Lower Upper

65 100

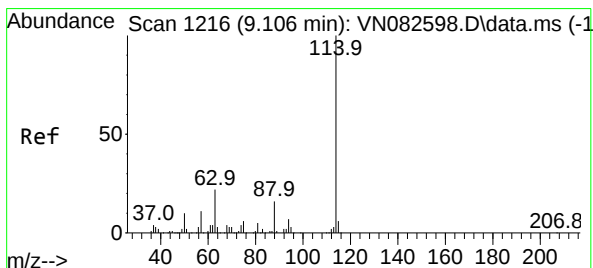
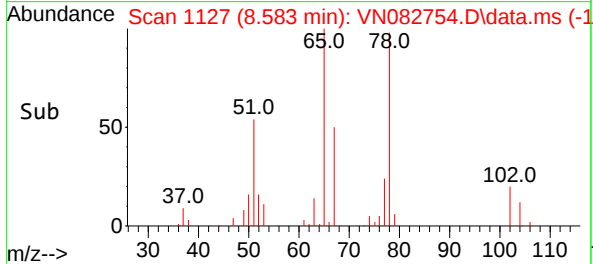
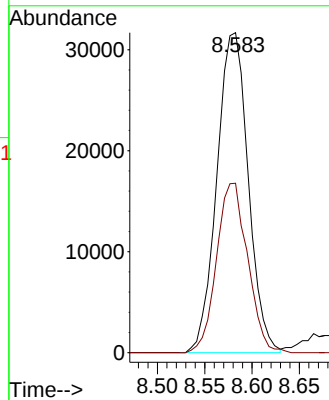
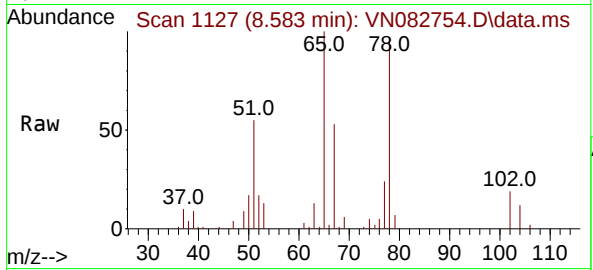
67 52.5 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/02/2024

Supervised By :Mahesh Dadoda 07/02/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082754.D

Acq: 01 Jul 2024 10:17

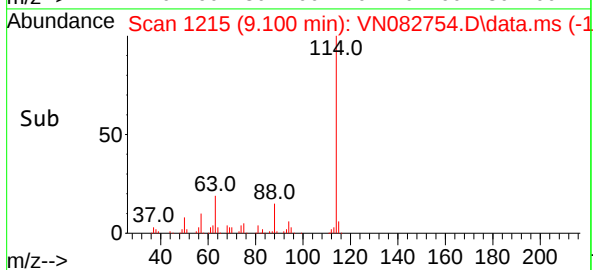
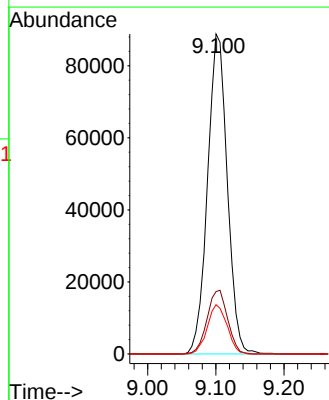
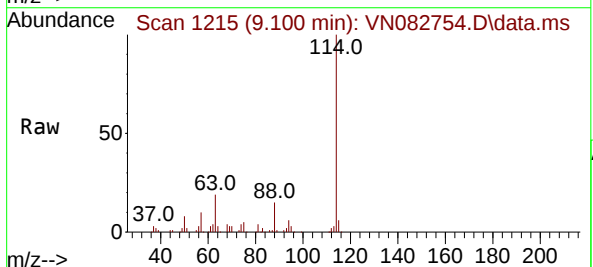
Tgt Ion:114 Resp: 178929

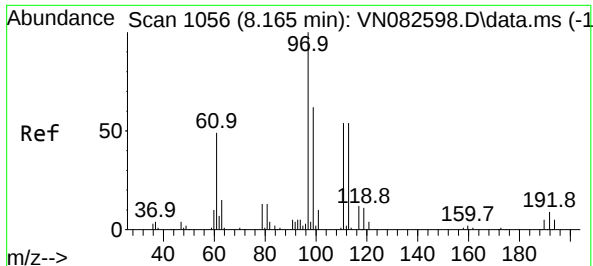
Ion Ratio Lower Upper

114 100

63 19.5 0.0 44.6

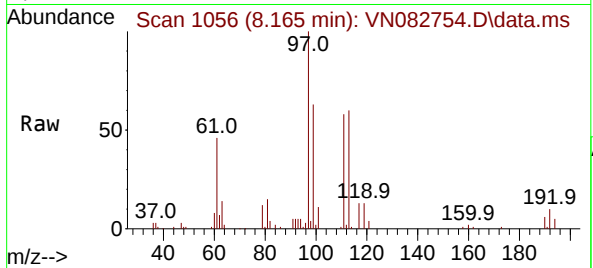
88 15.4 0.0 31.4





#35
Dibromofluoromethane
Concen: 49.480 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

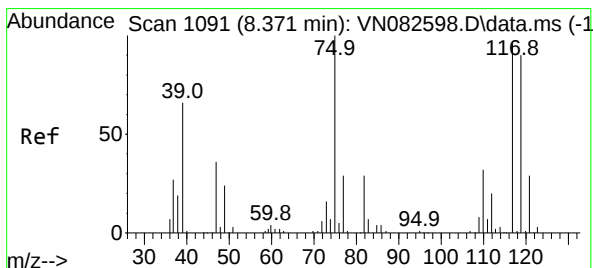
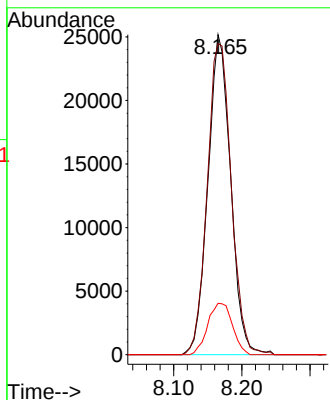
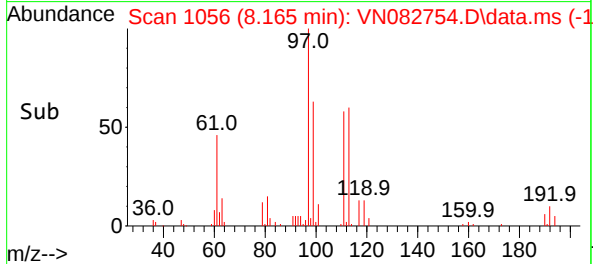
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 58290
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 17.4 14.9 22.3

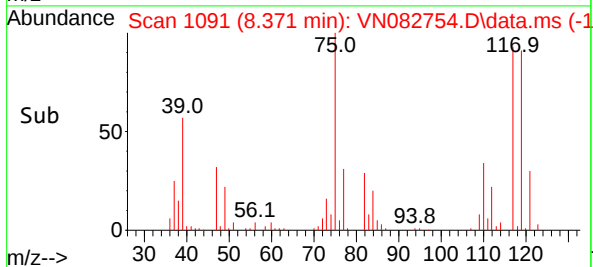
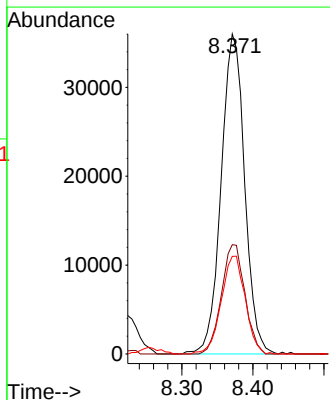
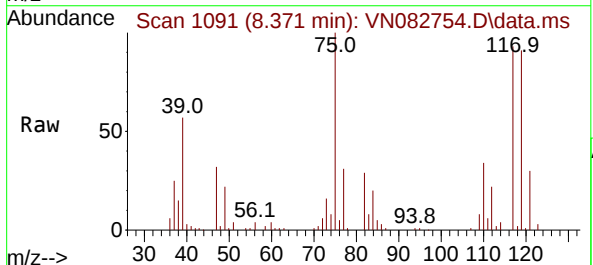
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#36
1,1-Dichloropropene
Concen: 48.818 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

Tgt Ion: 75 Resp: 82663
Ion Ratio Lower Upper
75 100
110 34.0 16.3 48.9
77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 48.604 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082754.D

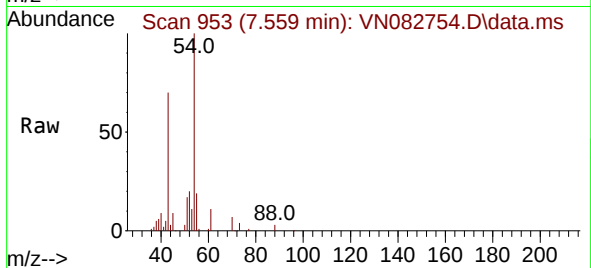
Acq: 01 Jul 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



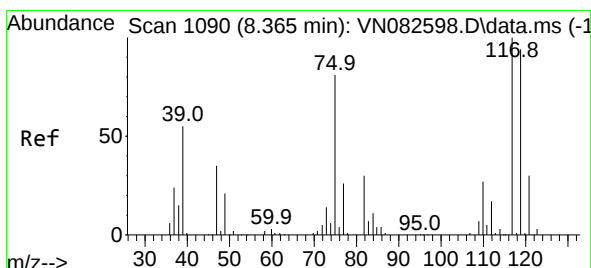
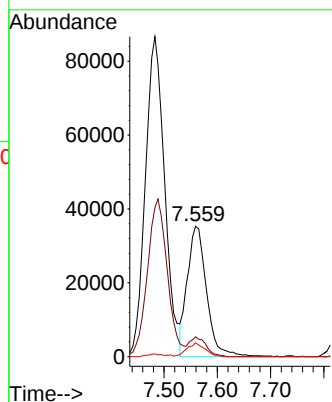
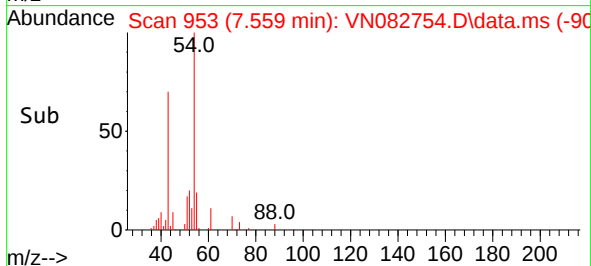
Tgt Ion:	43	Resp:	88950
Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.3	13.9
70	9.8	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/02/2024

Supervised By :Mahesh Dadoda 07/02/2024



#38

Carbon Tetrachloride

Concen: 46.373 ug/l

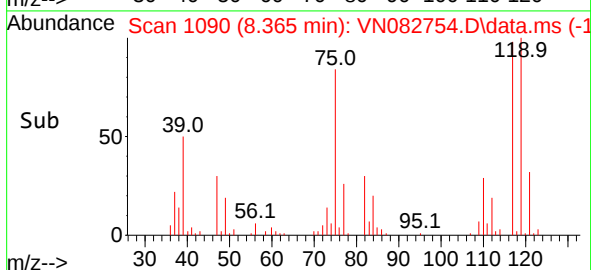
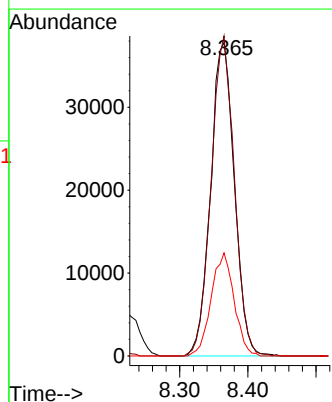
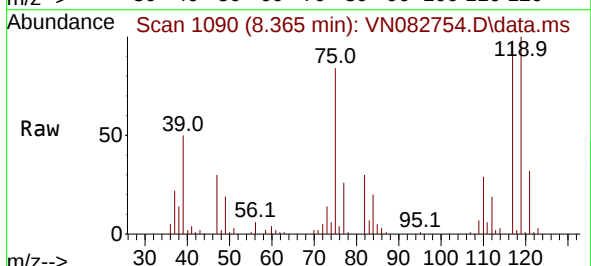
RT: 8.365 min Scan# 1090

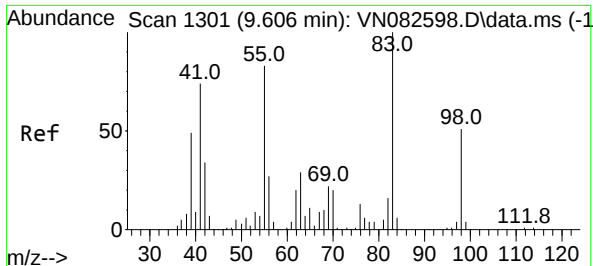
Delta R.T. -0.000 min

Lab File: VN082754.D

Acq: 01 Jul 2024 10:17

Tgt Ion:	117	Resp:	91837
Ion	Ratio	Lower	Upper
117	100		
119	102.1	74.9	112.3
121	32.9	24.3	36.5





#39

Methylcyclohexane

Concen: 50.885 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN082754.D

Acq: 01 Jul 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

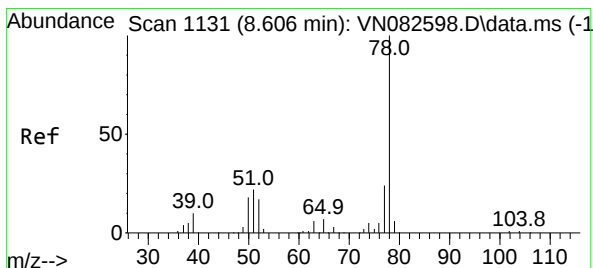
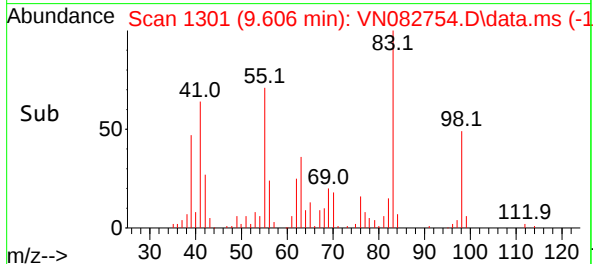
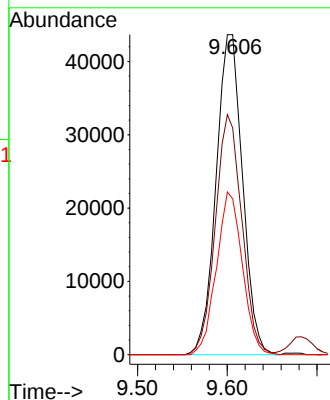
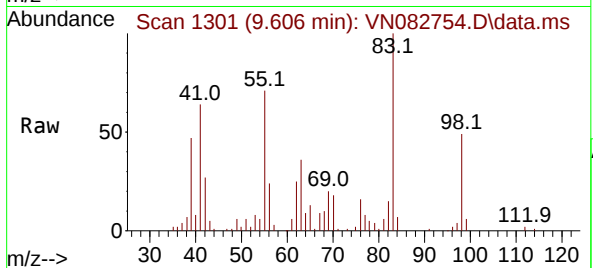
Tgt Ion: 83	Resp: 8945
Ion Ratio	Lower Upper
83 100	
55 70.9	66.4 99.6
98 48.7	40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/02/2024

Supervised By :Mahesh Dadoda 07/02/2024



#40

Benzene

Concen: 49.442 ug/l

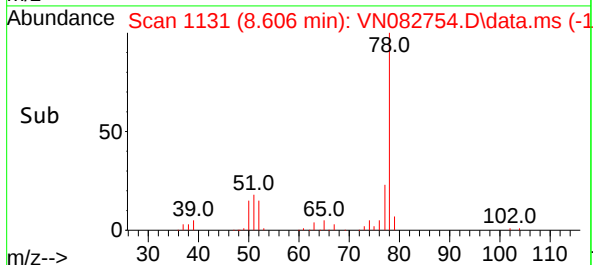
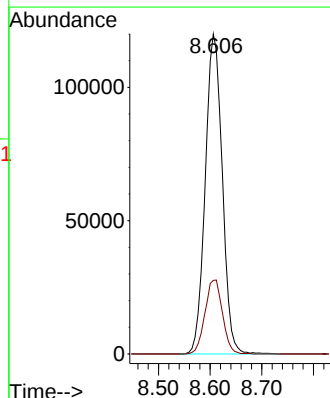
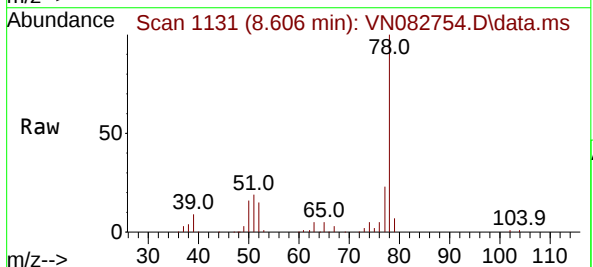
RT: 8.606 min Scan# 1131

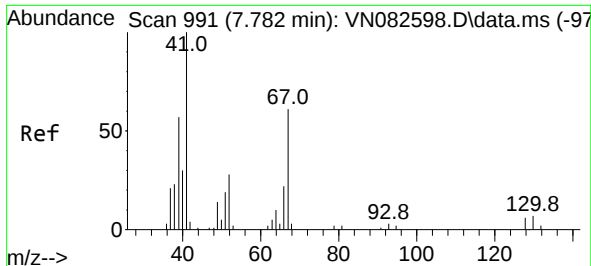
Delta R.T. 0.000 min

Lab File: VN082754.D

Acq: 01 Jul 2024 10:17

Tgt Ion: 78	Resp: 274641
Ion Ratio	Lower Upper
78 100	
77 23.0	19.0 28.4





#41
Methacrylonitrile
Concen: 52.149 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

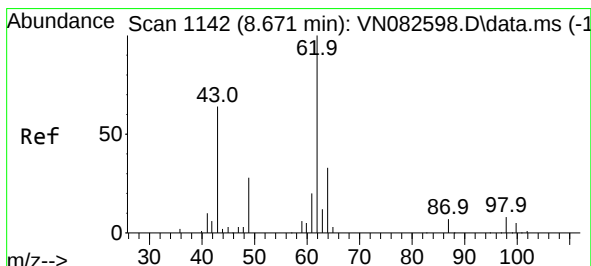
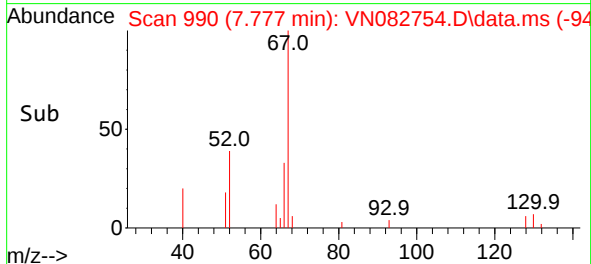
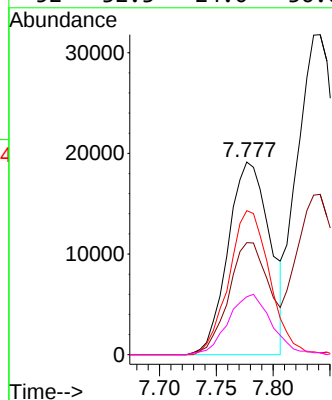
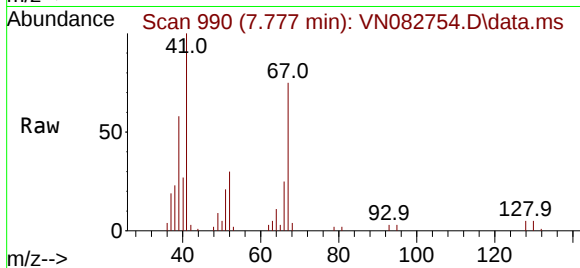
Tgt Ion: 41 Resp: 4921
Ion Ratio Lower Upper
41 100
39 56.8 45.5 68.3
67 73.2 50.5 75.7
52 32.3 24.0 36.0

Manual Integrations

APPROVED

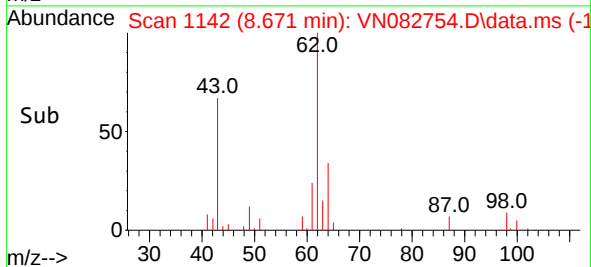
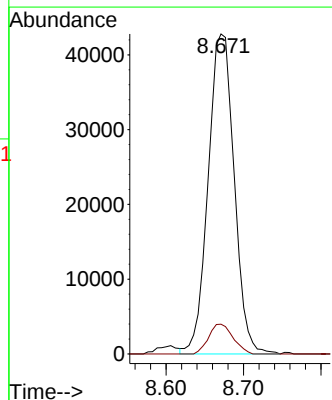
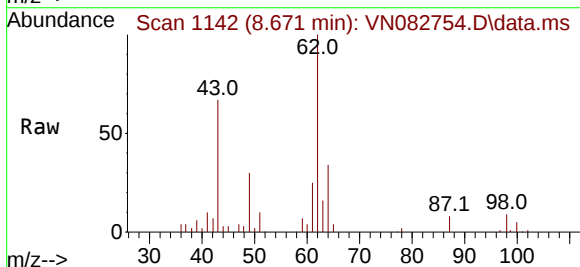
Reviewed By :John Carlone 07/02/2024

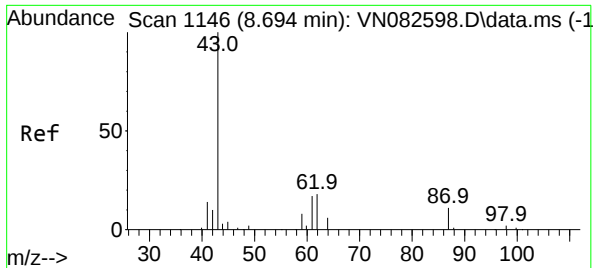
Supervised By :Mahesh Dadoda 07/02/2024



#42
1,2-Dichloroethane
Concen: 50.131 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

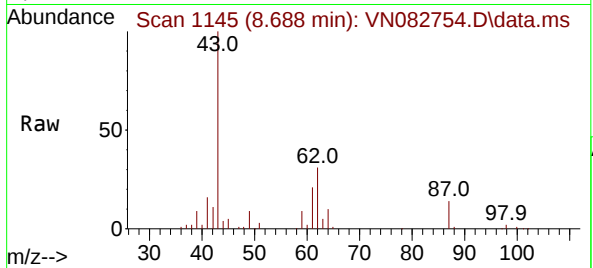
Tgt Ion: 62 Resp: 99996
Ion Ratio Lower Upper
62 100
98 8.7 0.0 15.8





#43
Isopropyl Acetate
Concen: 49.051 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

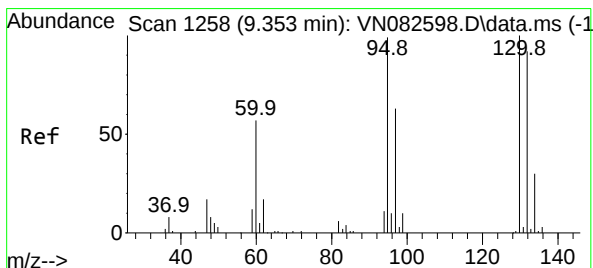
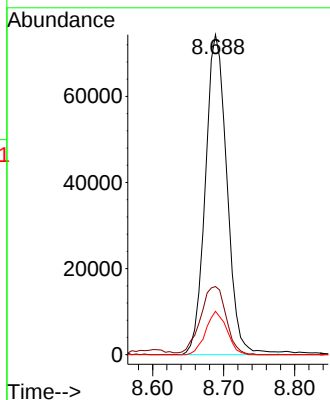
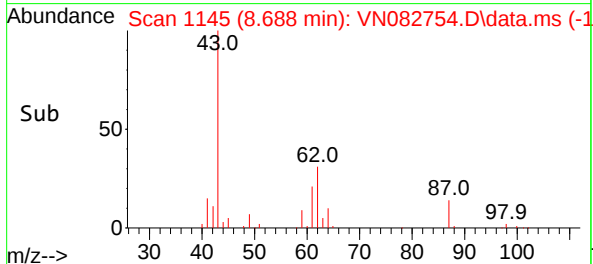
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



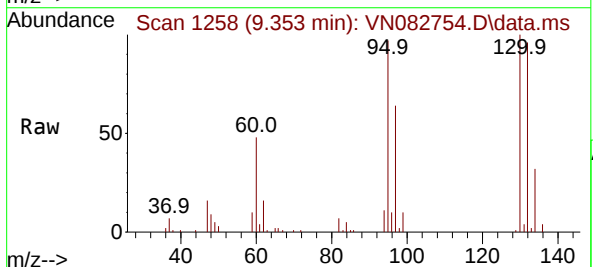
Tgt Ion: 43 Resp: 156744
Ion Ratio Lower Upper
43 100
61 25.6 17.8 26.6
87 13.2 8.2 12.2

Manual Integrations
APPROVED

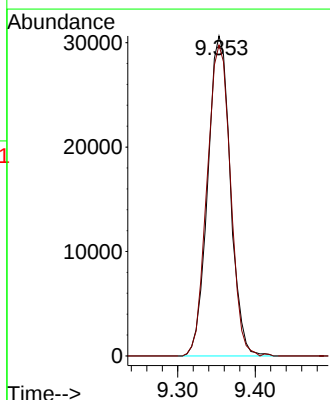
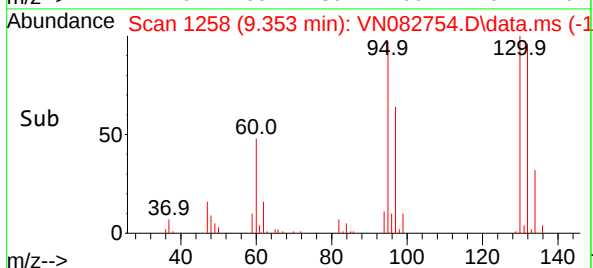
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#44
Trichloroethene
Concen: 48.272 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17



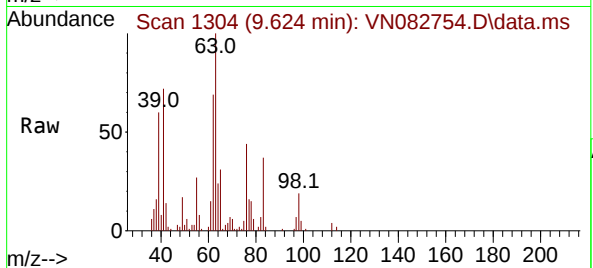
Tgt Ion:130 Resp: 62256
Ion Ratio Lower Upper
130 100
95 97.1 0.0 197.8





#45
1,2-Dichloropropane
Concen: 51.611 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

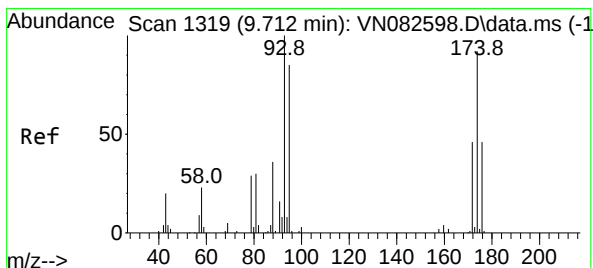
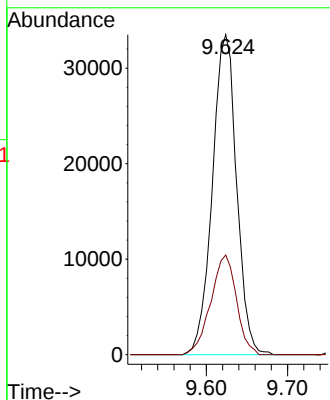
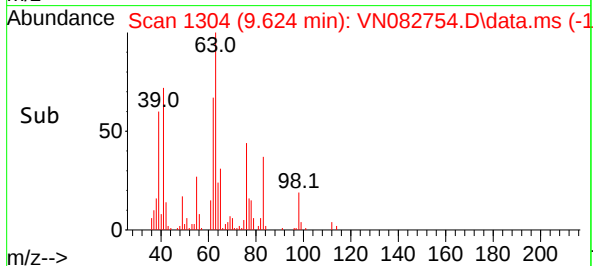
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 6948
Ion Ratio Lower Upper
63 100
65 31.1 24.4 36.6

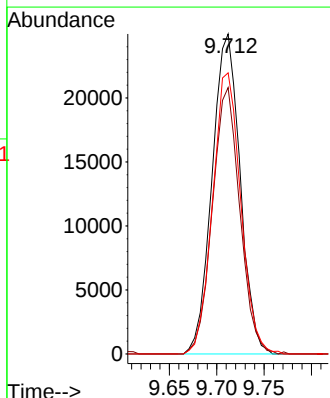
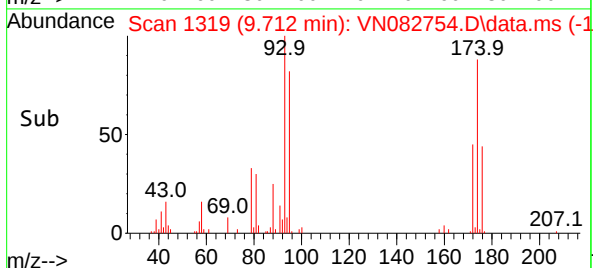
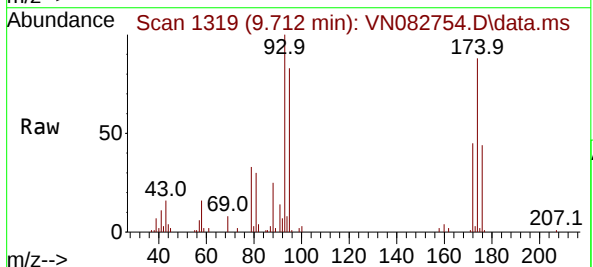
Manual Integrations
APPROVED

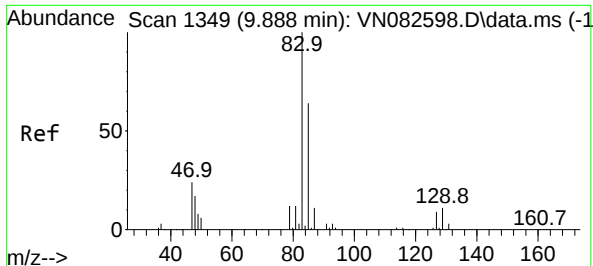
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#46
Dibromomethane
Concen: 52.366 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

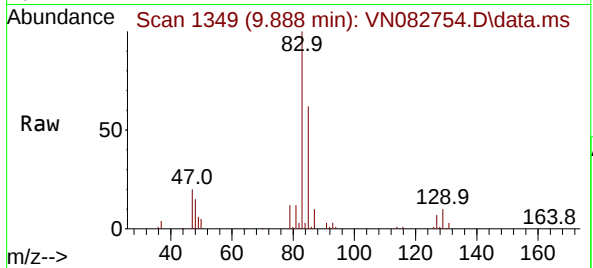
Tgt Ion: 93 Resp: 51495
Ion Ratio Lower Upper
93 100
95 81.4 65.8 98.6
174 88.1 71.7 107.5





#47
Bromodichloromethane
Concen: 52.946 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

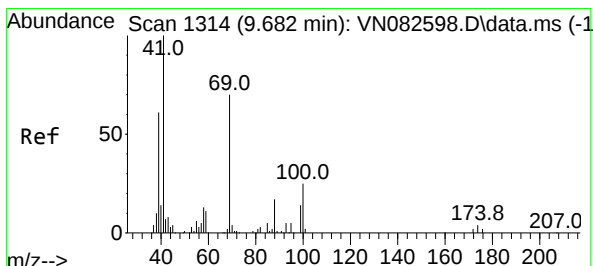
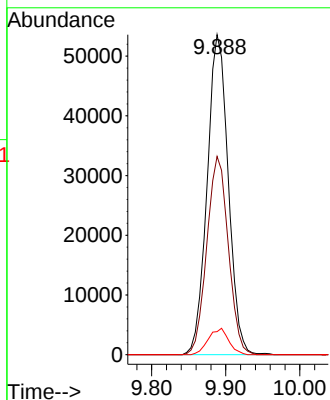
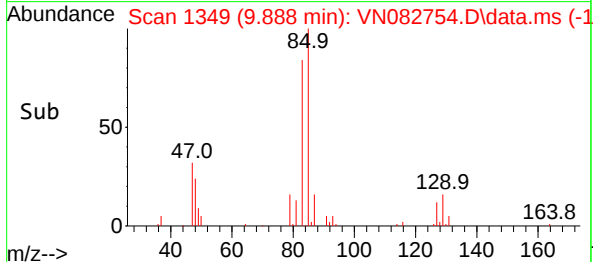
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



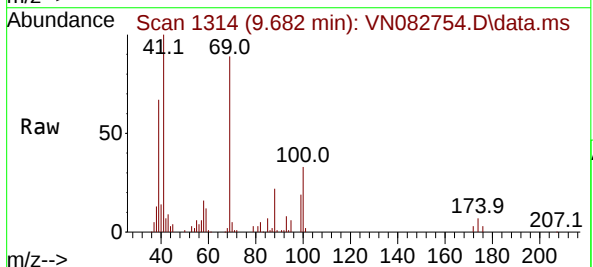
Tgt Ion: 83 Resp: 106092
Ion Ratio Lower Upper
83 100
85 62.0 51.1 76.7
127 7.2 7.2 10.8

Manual Integrations
APPROVED

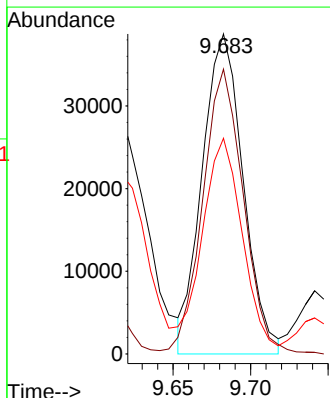
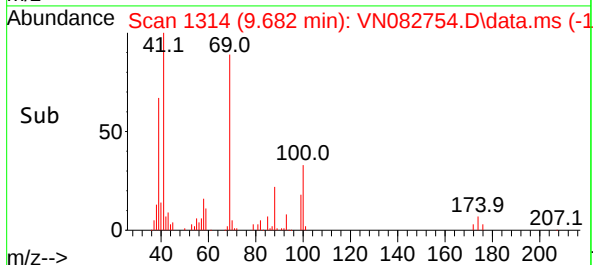
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

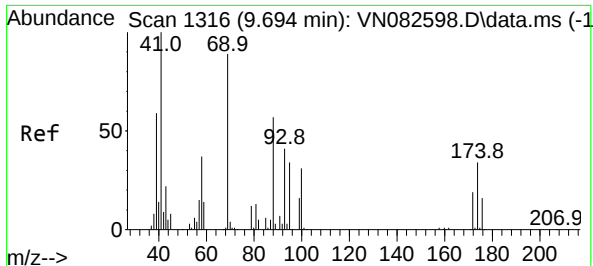


#48
Methyl methacrylate
Concen: 50.560 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17



Tgt Ion: 41 Resp: 71210
Ion Ratio Lower Upper
41 100
69 88.5 56.3 84.5
39 67.5 50.3 75.5





#49

1,4-Dioxane

Concen: 1019.079 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082754.D

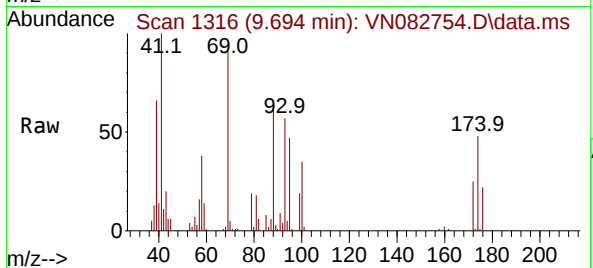
Acq: 01 Jul 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



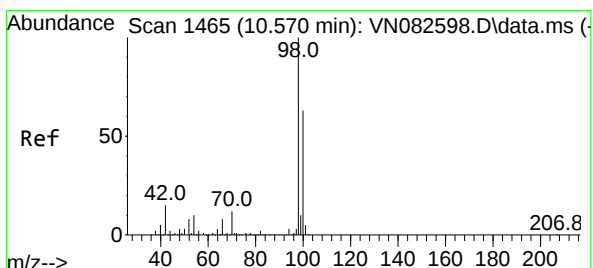
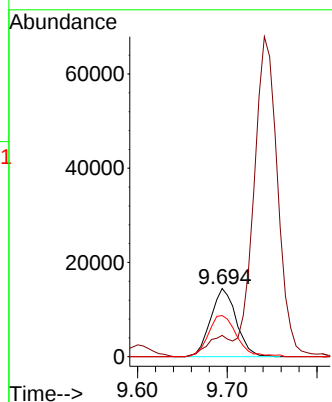
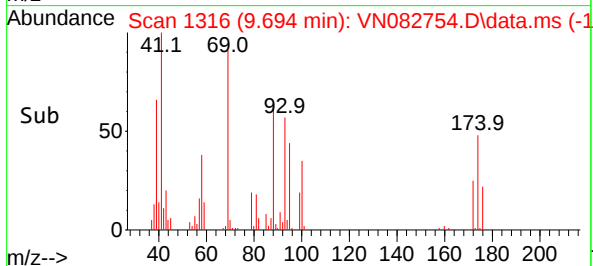
Tgt Ion:	88	Resp:	2864
Ion Ratio	Lower	Upper	
88	100		
43	29.4	27.8	41.8
58	67.0	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/02/2024

Supervised By :Mahesh Dadoda 07/02/2024



#50

Toluene-d8

Concen: 47.517 ug/l

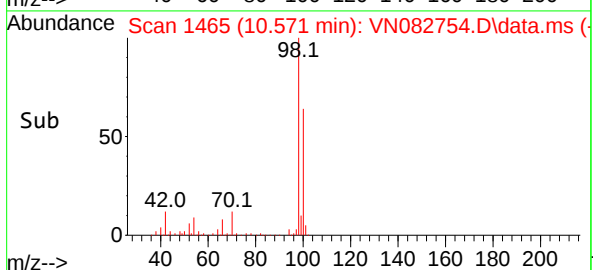
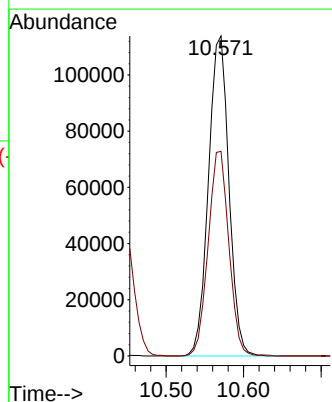
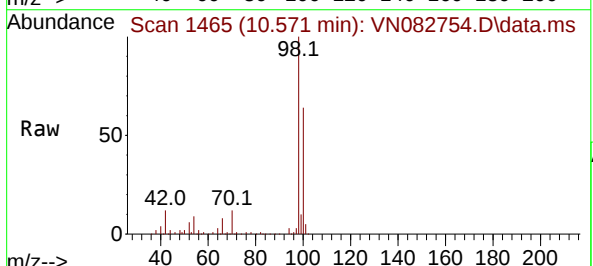
RT: 10.571 min Scan# 1465

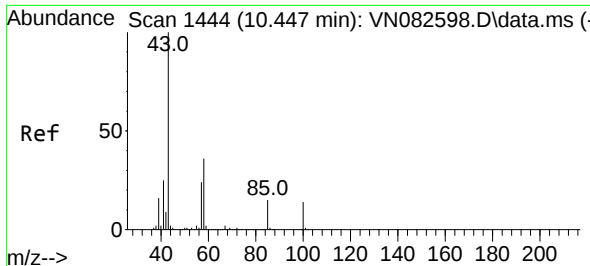
Delta R.T. 0.001 min

Lab File: VN082754.D

Acq: 01 Jul 2024 10:17

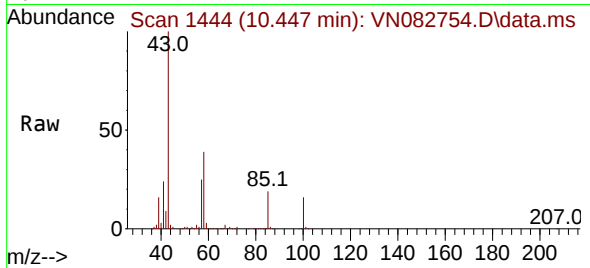
Tgt Ion:	98	Resp:	209346
Ion Ratio	Lower	Upper	
98	100		
100	64.6	51.5	77.3





#51
4-Methyl-2-Pentanone
Concen: 251.884 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

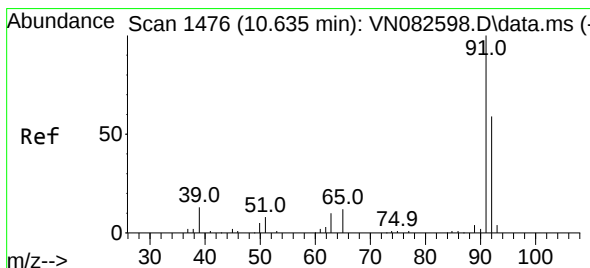
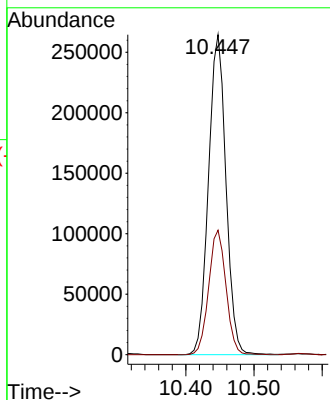
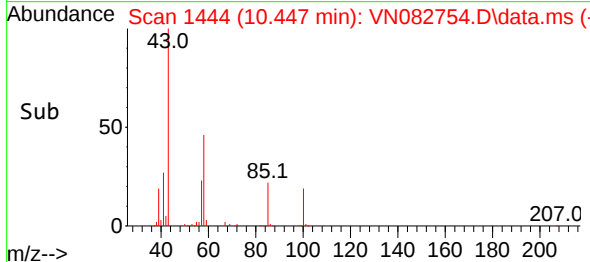
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 471494
Ion Ratio Lower Upper
43 100
58 38.5 28.2 42.4

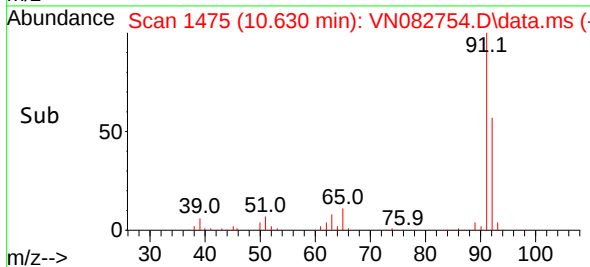
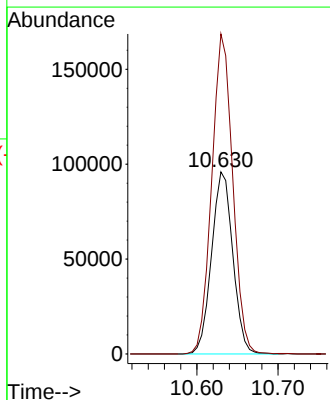
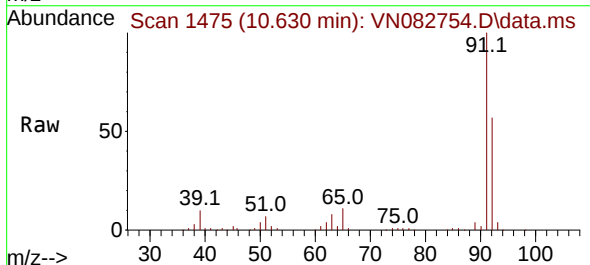
Manual Integrations
APPROVED

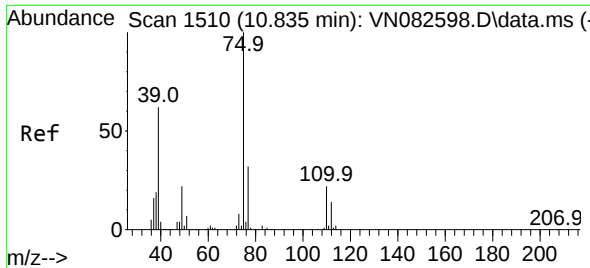
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#52
Toluene
Concen: 53.488 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.005 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

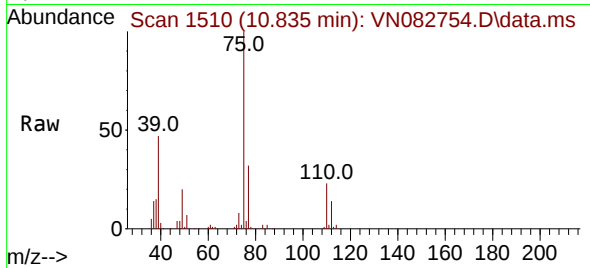
Tgt Ion: 92 Resp: 174469
Ion Ratio Lower Upper
92 100
91 173.7 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 59.401 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

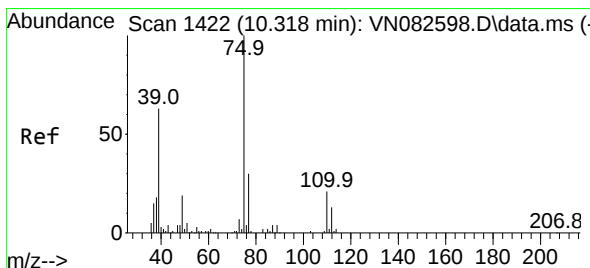
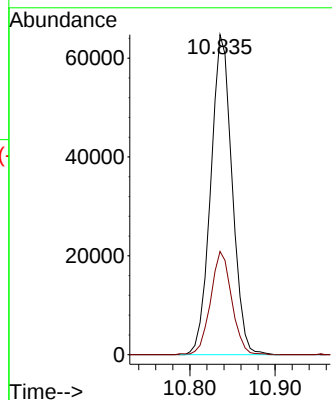
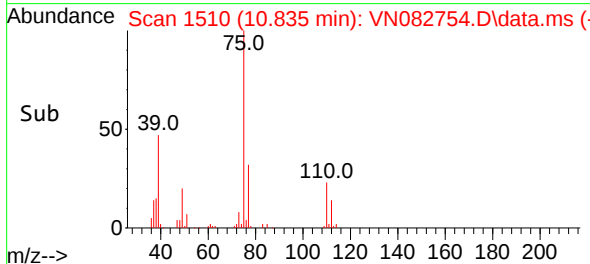
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



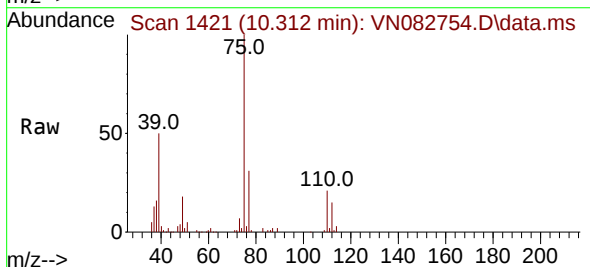
Tgt Ion: 75 Resp: 112574
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5

Manual Integrations
APPROVED

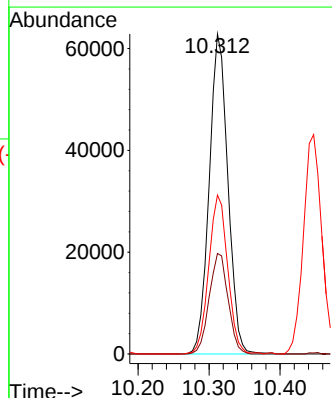
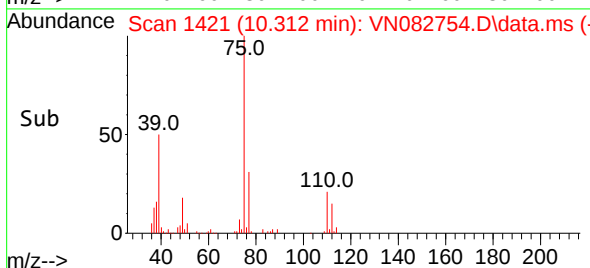
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

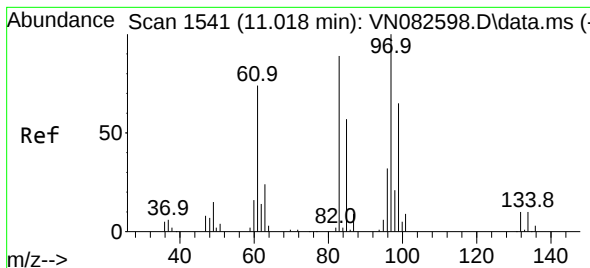


#54
cis-1,3-Dichloropropene
Concen: 57.600 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17



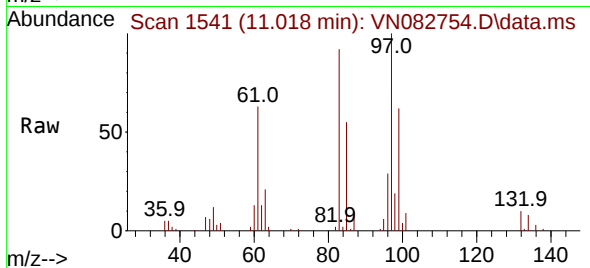
Tgt Ion: 75 Resp: 114766
Ion Ratio Lower Upper
75 100
77 31.4 24.3 36.5
39 49.6 50.5 75.7#





#55
1,1,2-Trichloroethane
Concen: 53.997 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

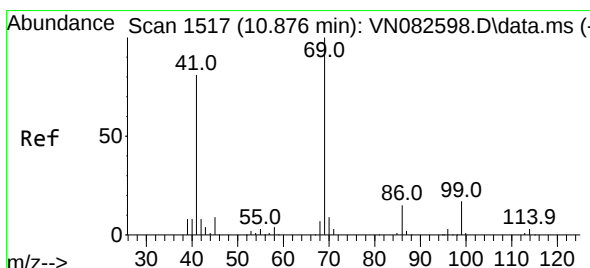
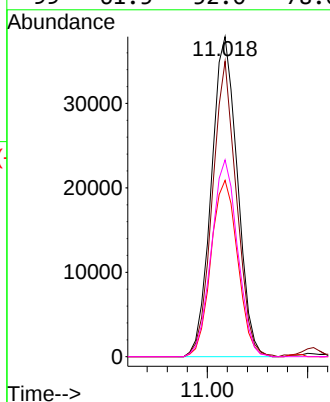
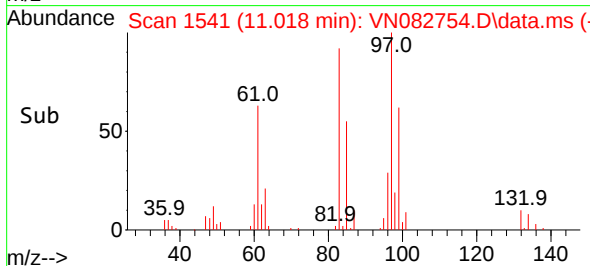
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 68295
Ion Ratio Lower Upper
97 100
83 92.3 71.4 107.0
85 55.1 45.8 68.6
99 61.5 52.0 78.0

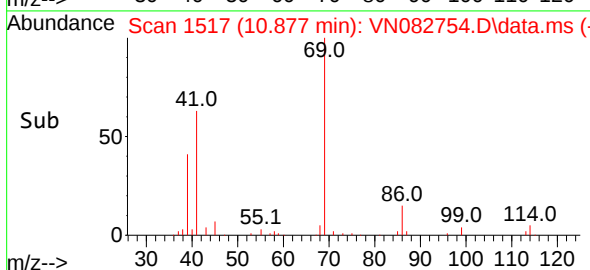
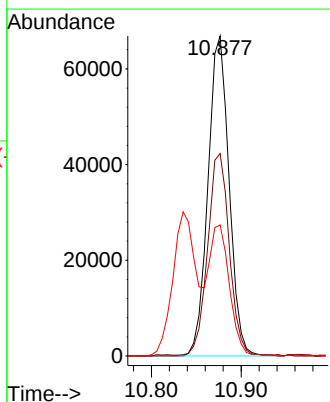
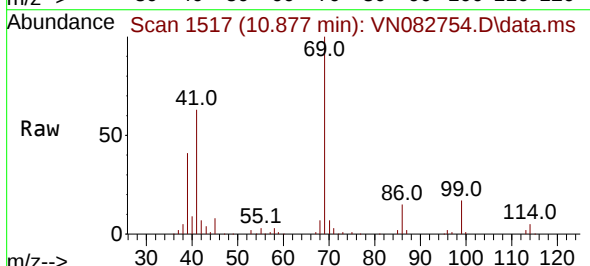
Manual Integrations
APPROVED

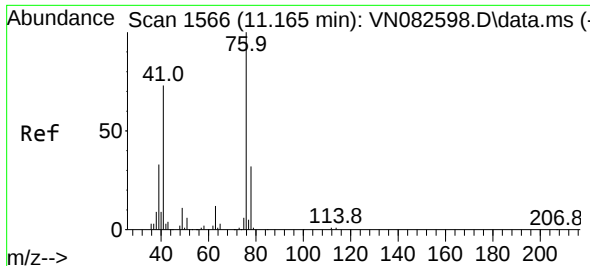
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#56
Ethyl methacrylate
Concen: 57.405 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

Tgt Ion: 69 Resp: 109200
Ion Ratio Lower Upper
69 100
41 65.3 63.4 95.2
39 38.5 37.4 56.0





#57

1,3-Dichloropropane

Concen: 53.005 ug/l

RT: 11.165 min Scan# 11783

Delta R.T. -0.000 min

Lab File: VN082754.D

Acq: 01 Jul 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11783

Ion Ratio Lower Upper

76 100

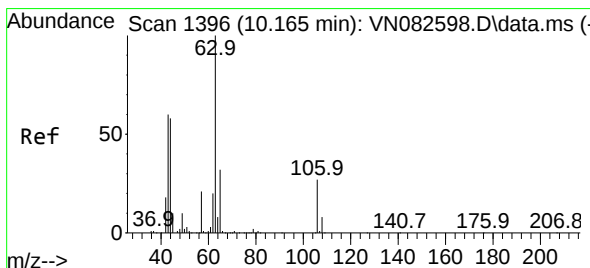
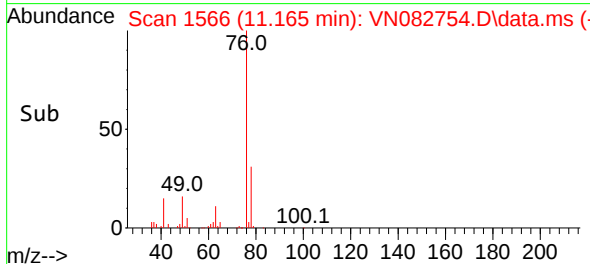
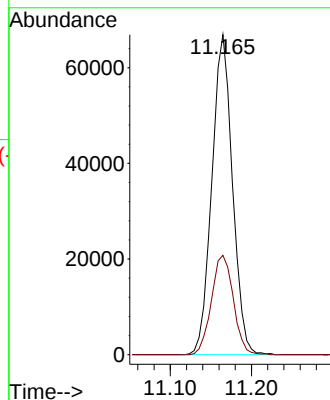
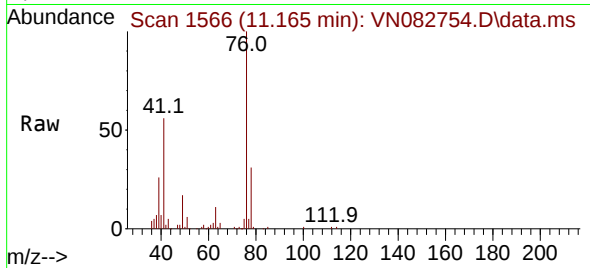
78 33.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/02/2024

Supervised By :Mahesh Dadoda 07/02/2024



#58

2-Chloroethyl Vinyl ether

Concen: 264.932 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082754.D

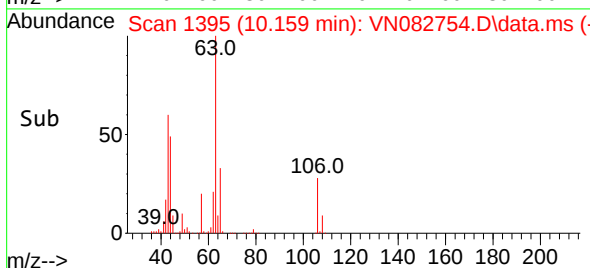
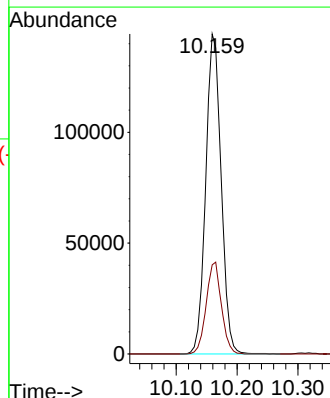
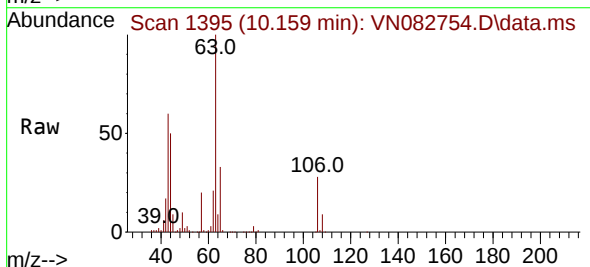
Acq: 01 Jul 2024 10:17

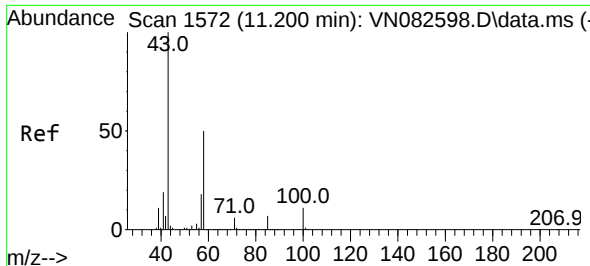
Tgt Ion: 63 Resp: 253898

Ion Ratio Lower Upper

63 100

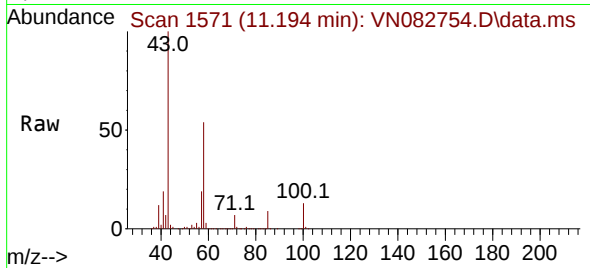
106 28.3 21.4 32.0





#59
2-Hexanone
Concen: 256.290 ug/l
RT: 11.194 min Scan# 1572
Delta R.T. -0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

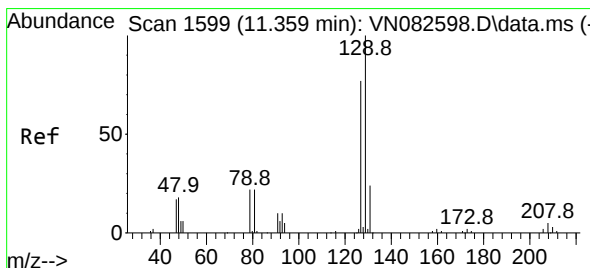
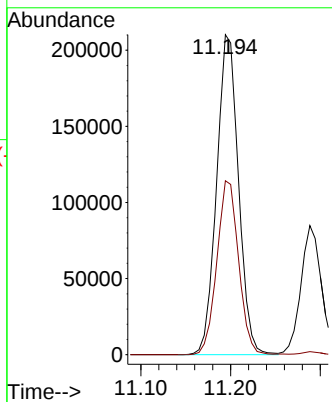
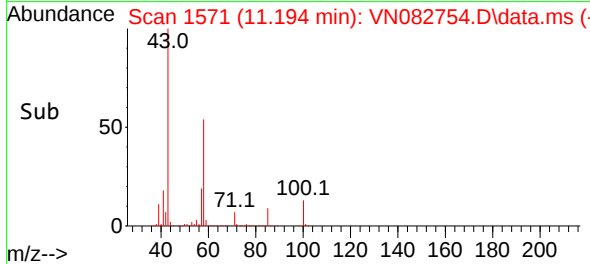
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 355720
Ion Ratio Lower Upper
43 100
58 54.0 24.6 73.8

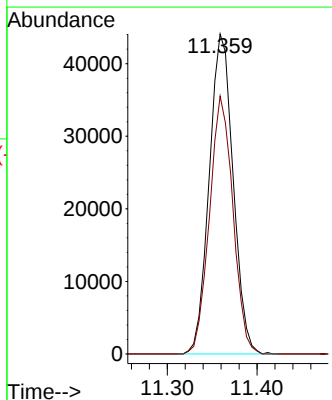
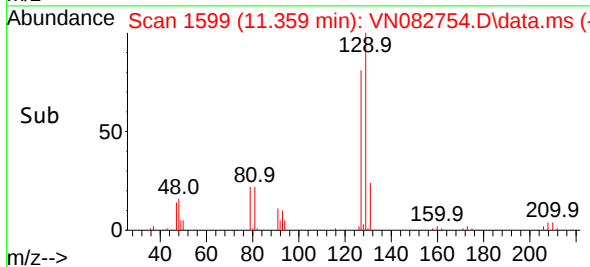
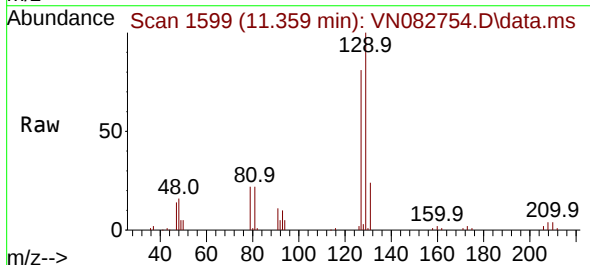
Manual Integrations
APPROVED

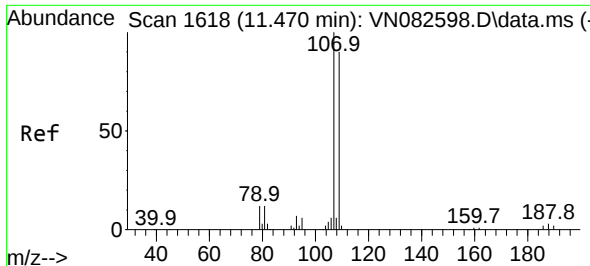
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#60
Dibromochloromethane
Concen: 53.156 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

Tgt Ion:129 Resp: 81538
Ion Ratio Lower Upper
129 100
127 78.9 39.2 117.6





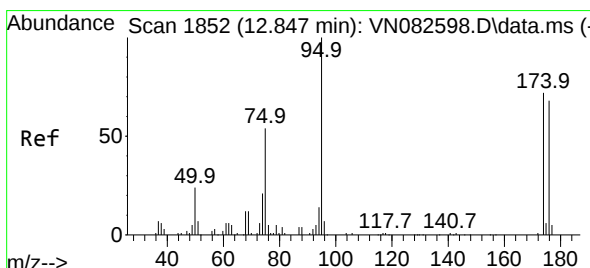
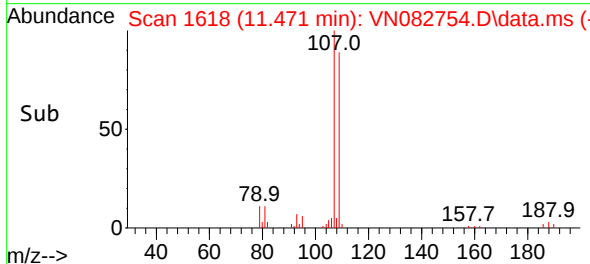
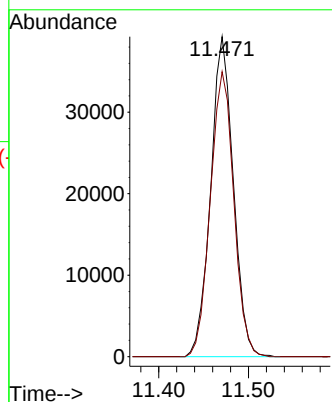
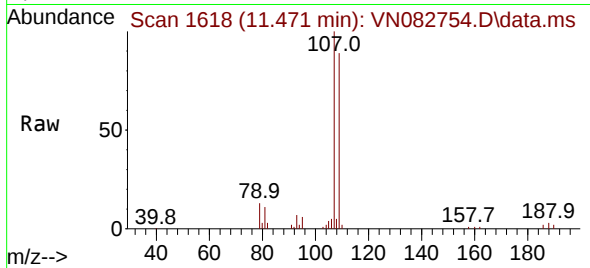
#61
1,2-Dibromoethane
Concen: 51.800 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 6883
Ion Ratio Lower Upper
107 100
109 92.2 73.7 110.5

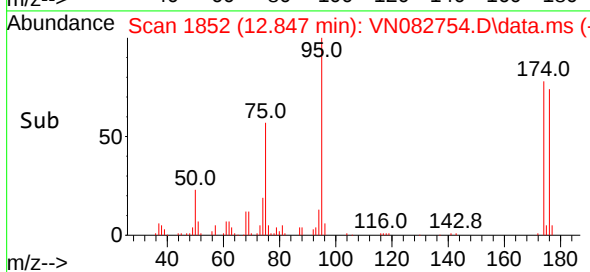
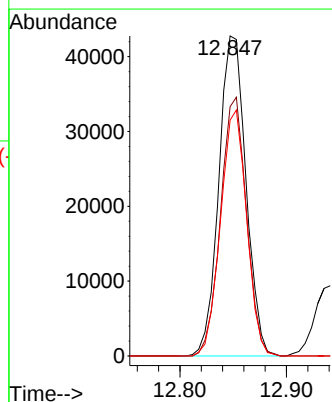
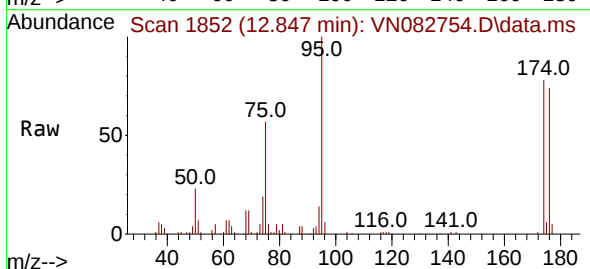
Manual Integrations
APPROVED

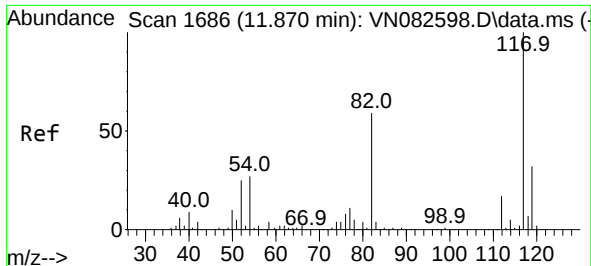
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#62
4-Bromofluorobenzene
Concen: 49.950 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

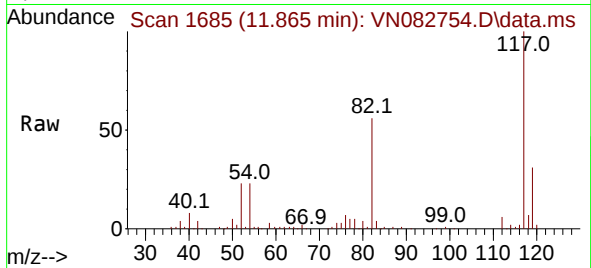
Tgt Ion: 95 Resp: 75574
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.2
176 74.0 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1168
Delta R.T. -0.005 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

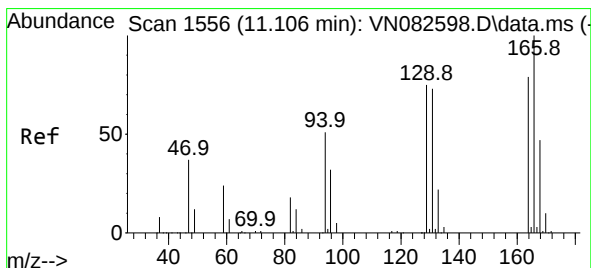
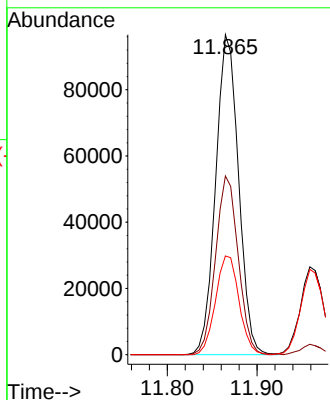
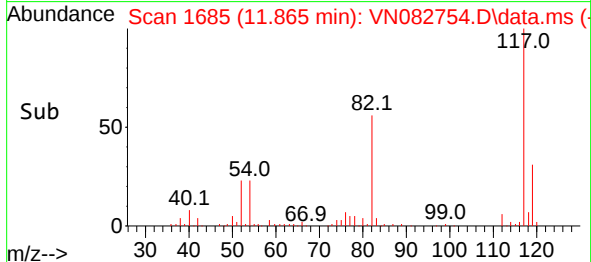
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 171098
Ion Ratio Lower Upper
117 100
82 55.9 47.5 71.3
119 30.8 25.6 38.4

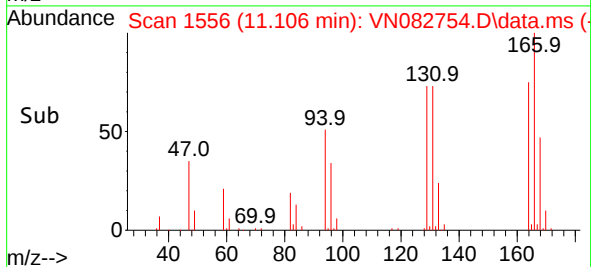
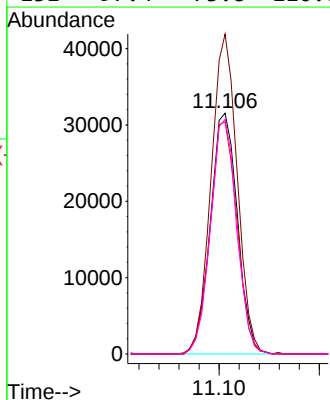
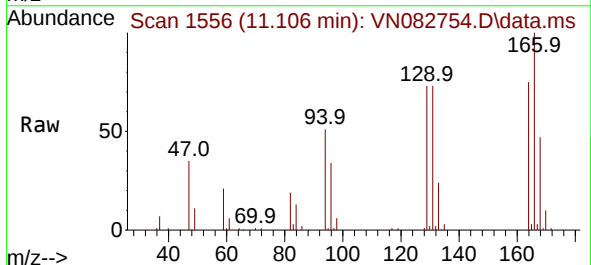
Manual Integrations
APPROVED

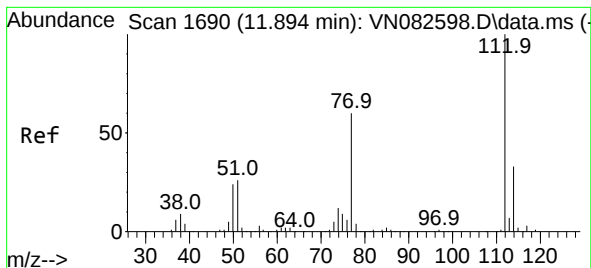
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#64
Tetrachloroethene
Concen: 46.056 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

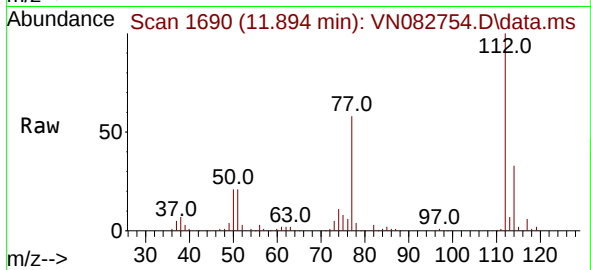
Tgt Ion:164 Resp: 59030
Ion Ratio Lower Upper
164 100
166 132.9 101.4 152.0
129 96.3 75.7 113.5
131 97.4 73.8 110.6





#65
Chlorobenzene
Concen: 49.790 ug/l
RT: 11.894 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

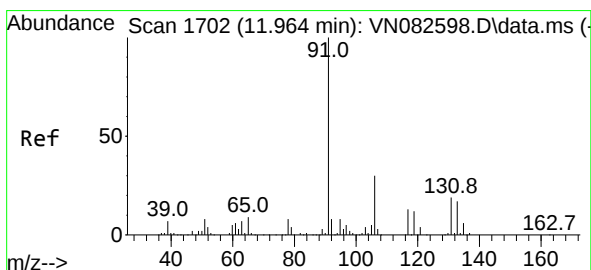
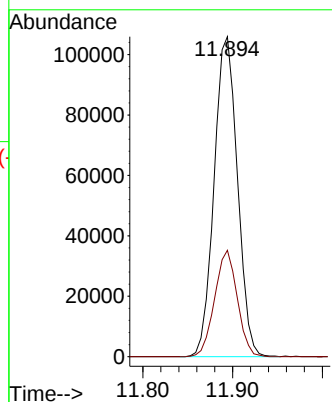
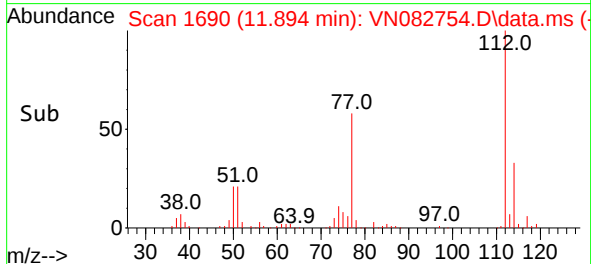
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 191100
Ion Ratio Lower Upper
112 100
114 33.3 26.2 39.2

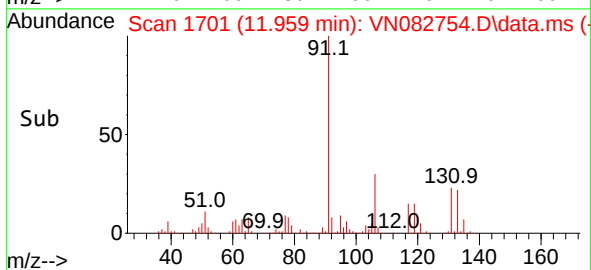
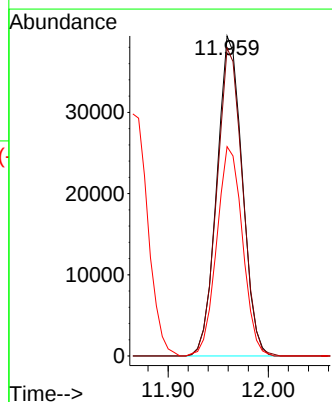
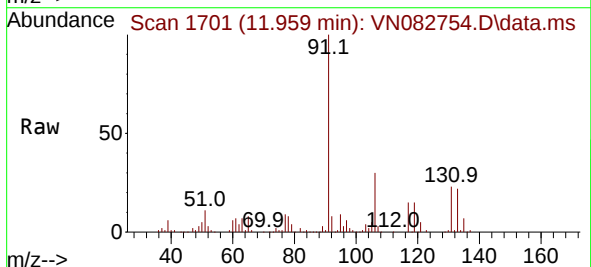
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.024 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

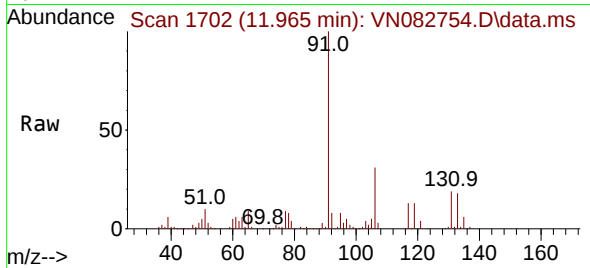
Tgt Ion:131 Resp: 69390
Ion Ratio Lower Upper
131 100
133 97.0 47.3 142.0
119 66.4 32.5 97.4





#67
Ethyl Benzene
Concen: 51.598 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

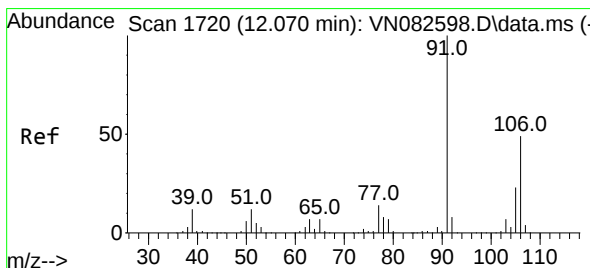
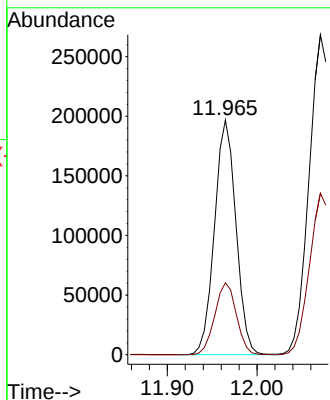
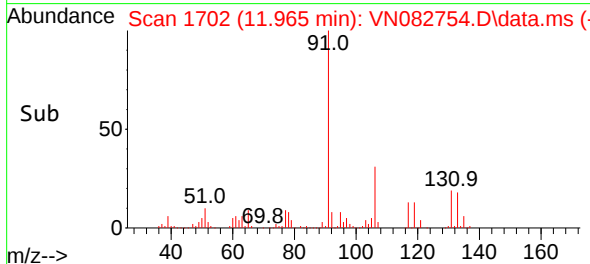
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



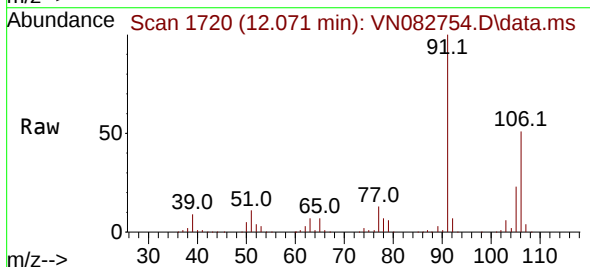
Tgt Ion: 91 Resp: 326832
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0

Manual Integrations
APPROVED

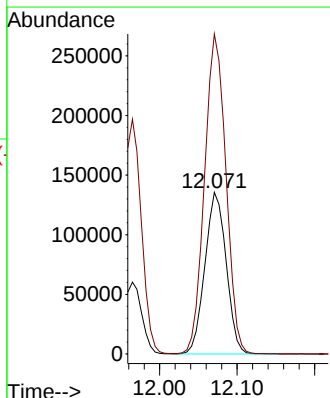
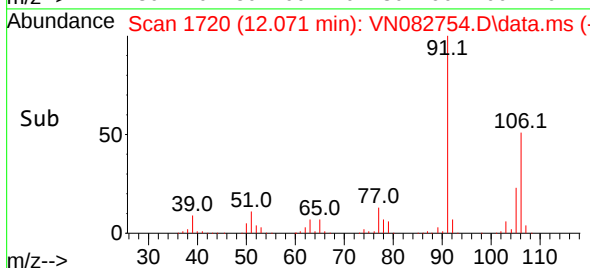
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

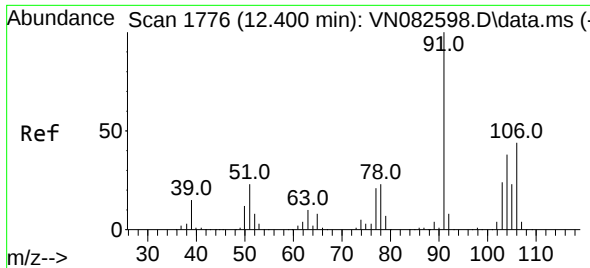


#68
m/p-Xylenes
Concen: 109.795 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17



Tgt Ion:106 Resp: 258768
Ion Ratio Lower Upper
106 100
91 199.2 166.1 249.1





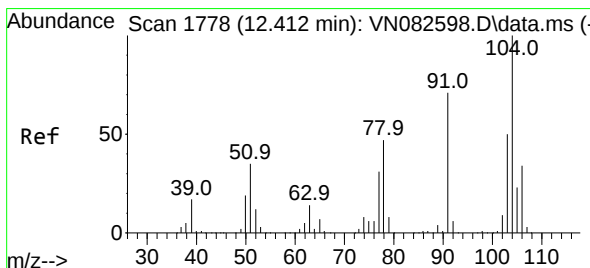
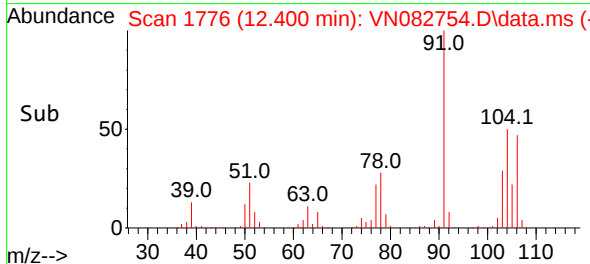
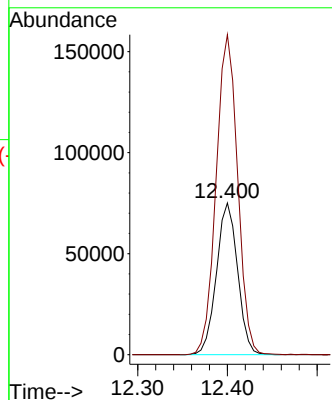
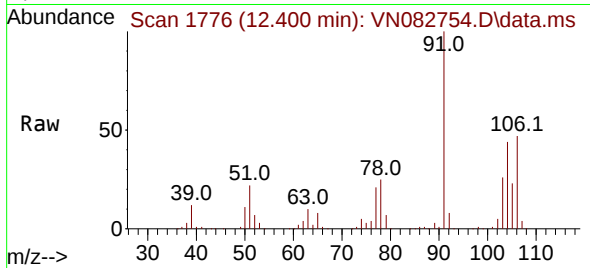
#69
o-Xylene
Concen: 54.063 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 122795
Ion Ratio Lower Upper
106 100
91 214.5 111.3 333.9

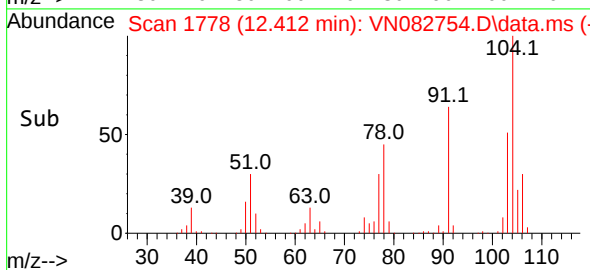
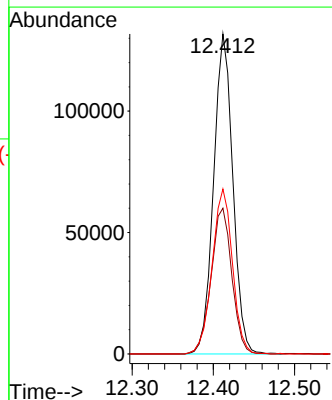
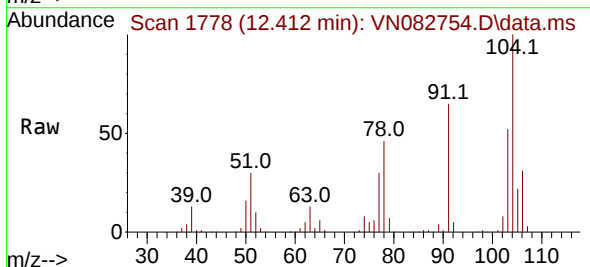
Manual Integrations
APPROVED

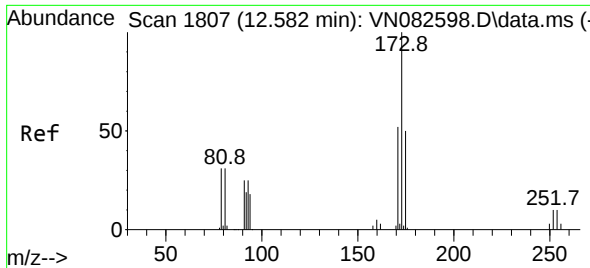
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#70
Styrene
Concen: 56.321 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

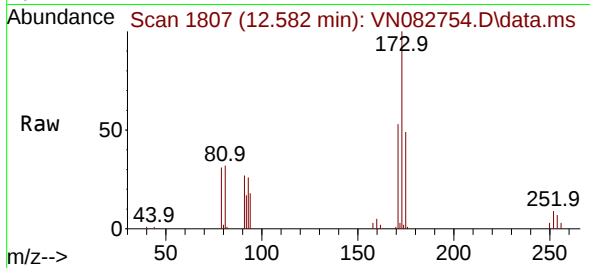
Tgt Ion:104 Resp: 217178
Ion Ratio Lower Upper
104 100
78 49.0 41.6 62.4
103 54.5 44.0 66.0





#71
Bromoform
Concen: 51.723 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

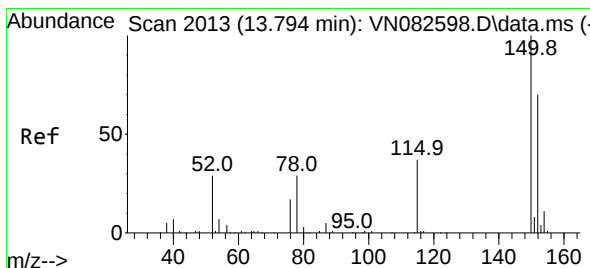
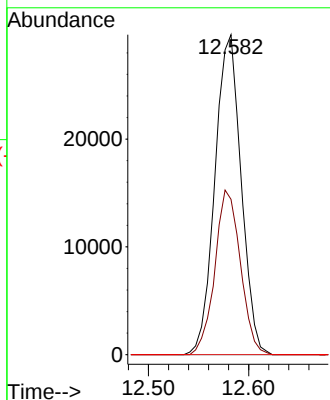
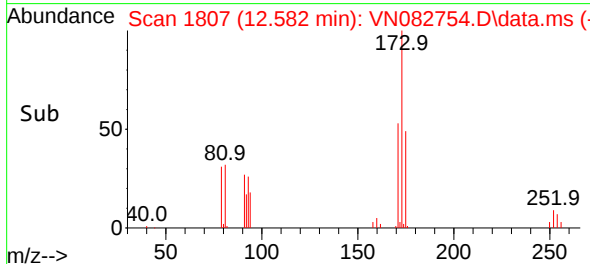
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 5395
Ion Ratio Lower Upper
173 100
175 50.1 24.0 72.0
254 0.0 0.0 0.0

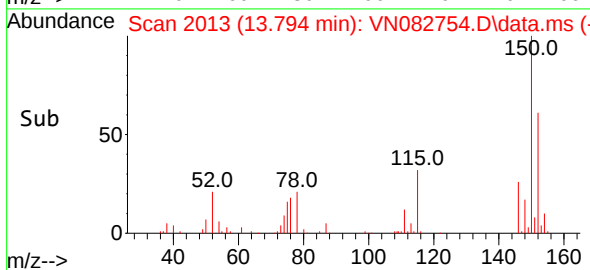
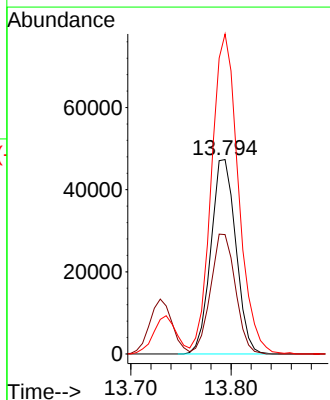
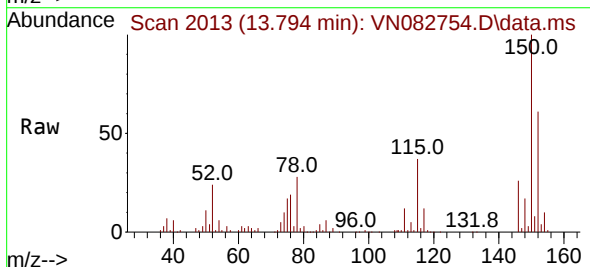
Manual Integrations
APPROVED

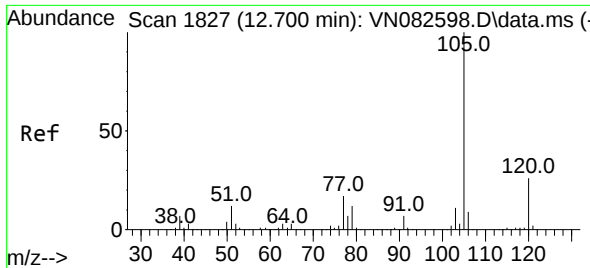
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

Tgt Ion:152 Resp: 81896
Ion Ratio Lower Upper
152 100
115 61.2 30.6 91.6
150 177.0 0.0 348.6





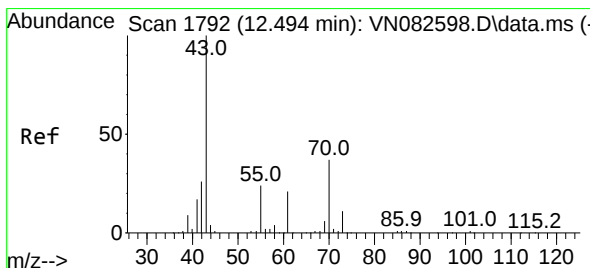
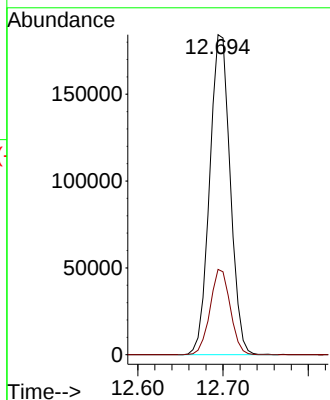
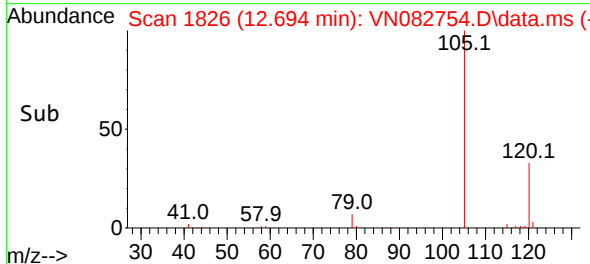
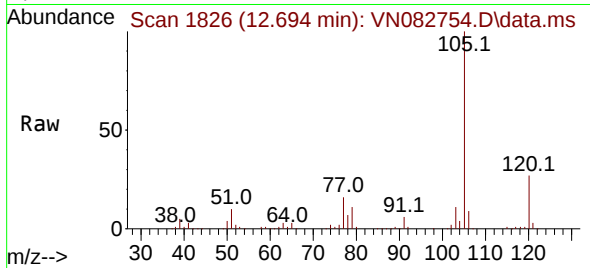
#73
Isopropylbenzene
Concen: 51.632 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 308384
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

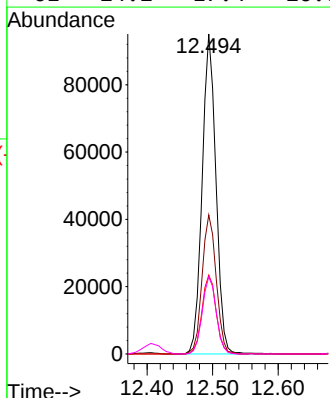
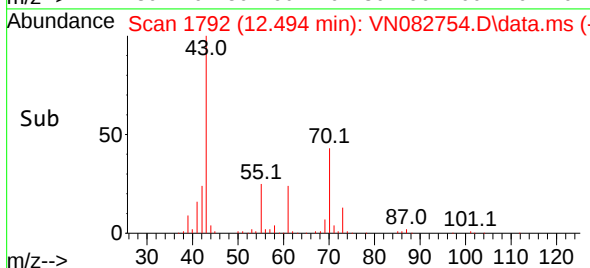
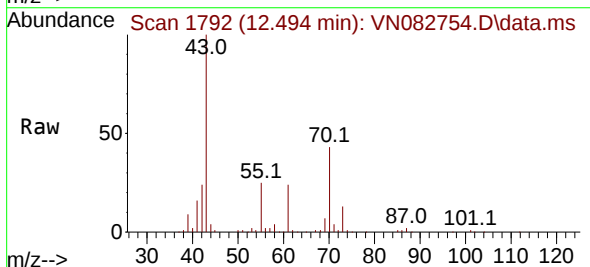
Manual Integrations
APPROVED

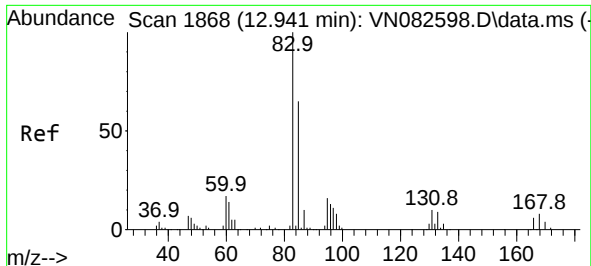
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#74
N-ethyl acetate
Concen: 52.280 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

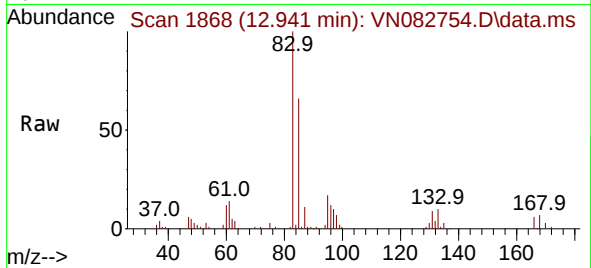
Tgt Ion: 43 Resp: 139371
Ion Ratio Lower Upper
43 100
70 44.4 29.8 44.6
55 25.4 18.7 28.1
61 24.2 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 45.743 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

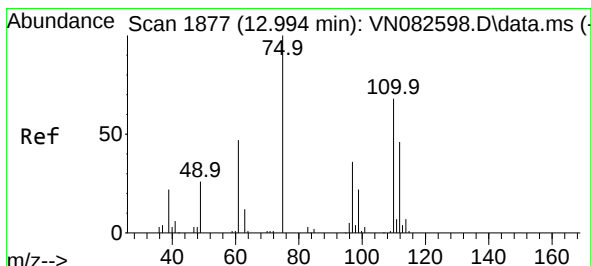
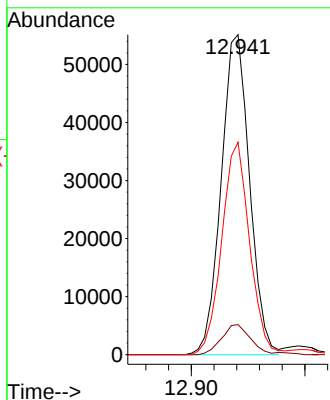
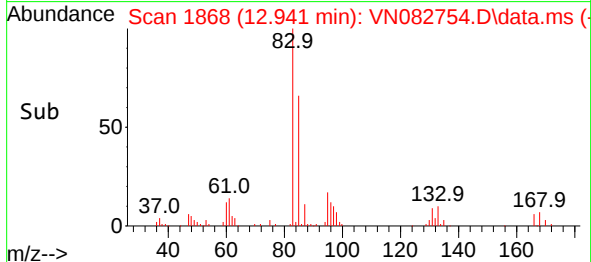
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 9585
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 65.0 31.9 95.7

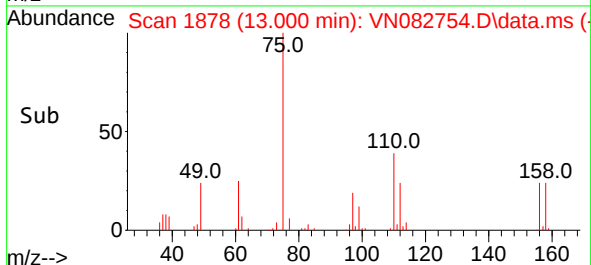
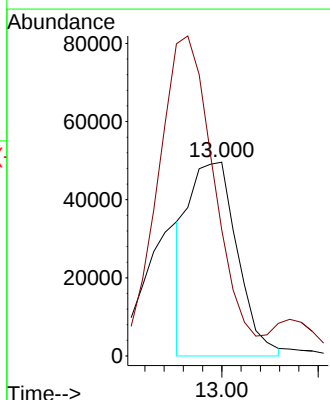
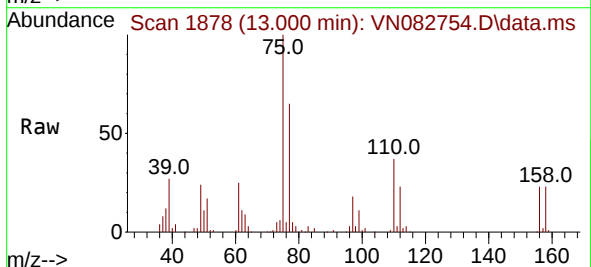
Manual Integrations
APPROVED

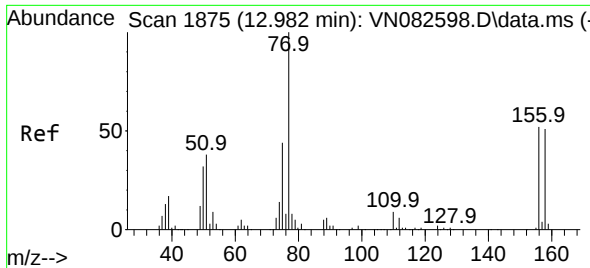
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#76
1,2,3-Trichloropropane
Concen: 48.792 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

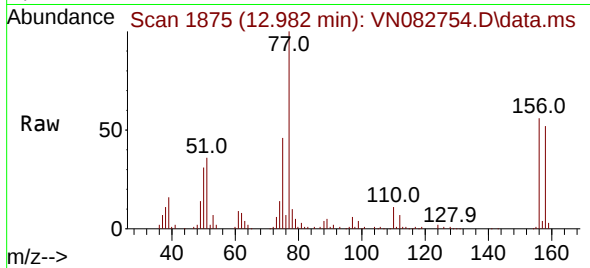
Tgt Ion: 75 Resp: 87160
Ion Ratio Lower Upper
75 100
77 192.6 110.9 332.6





#77
Bromobenzene
Concen: 51.890 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

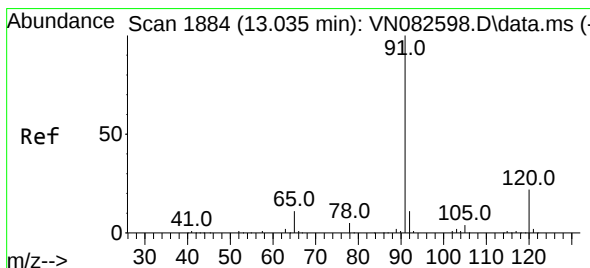
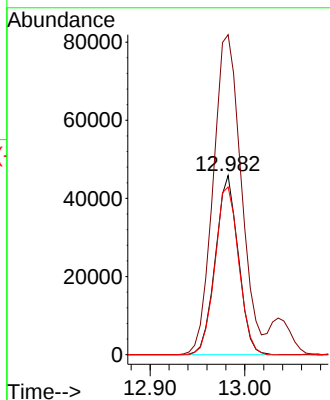
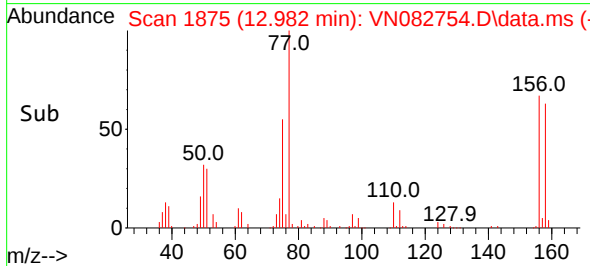
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



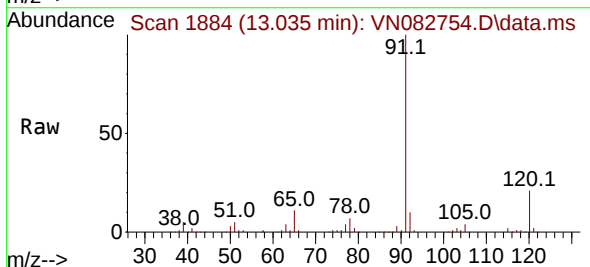
Tgt Ion:156 Resp: 77022
Ion Ratio Lower Upper
156 100
77 217.9 111.3 333.8
158 97.5 48.3 144.9

Manual Integrations
APPROVED

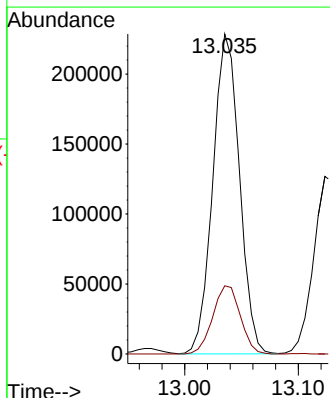
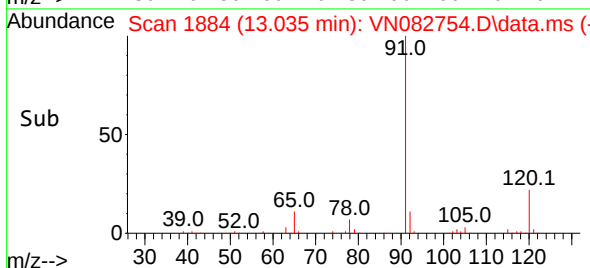
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

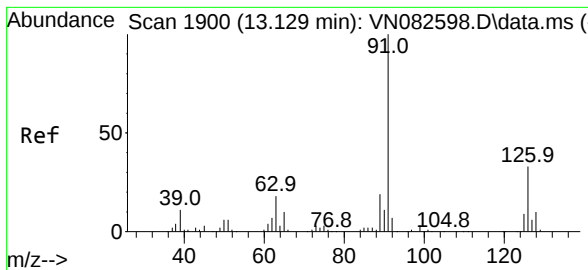


#78
n-propylbenzene
Concen: 52.781 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17



Tgt Ion: 91 Resp: 372238
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





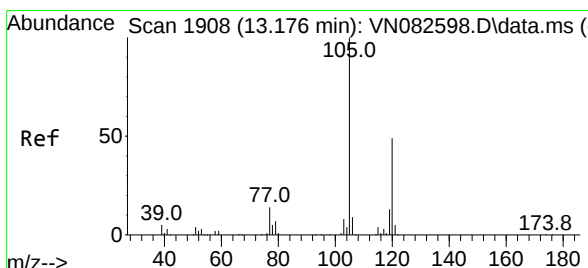
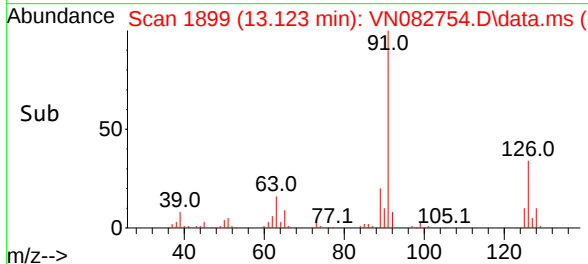
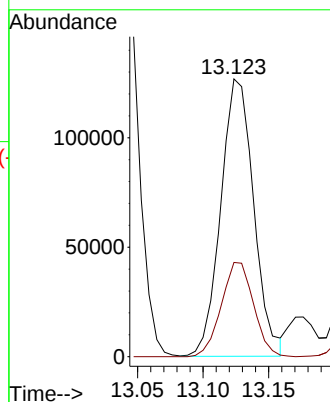
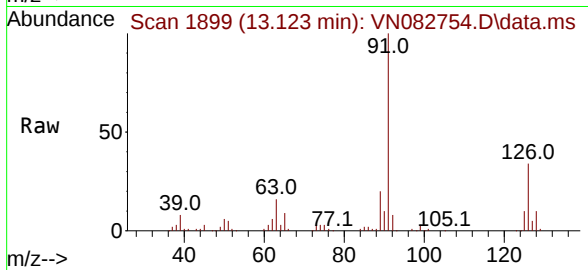
#79
2-Chlorotoluene
Concen: 50.145 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 221635
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6

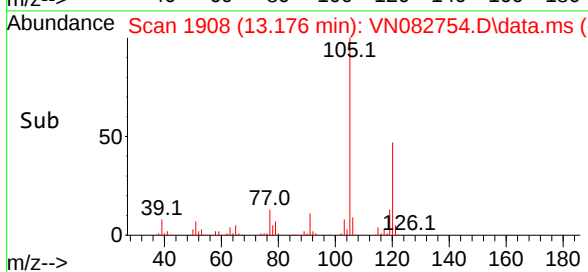
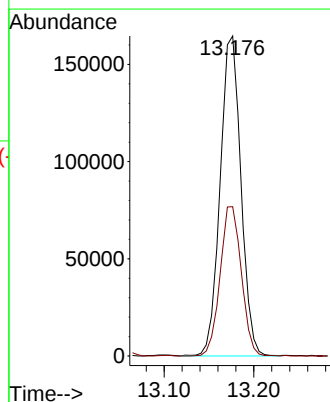
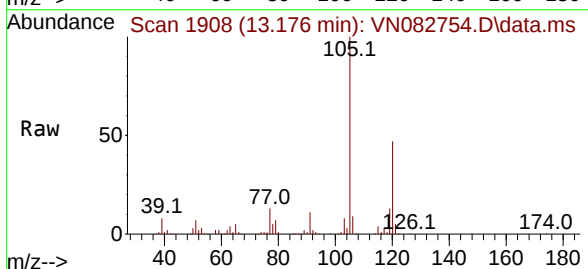
Manual Integrations
APPROVED

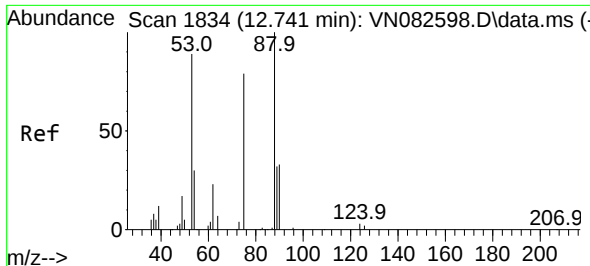
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.944 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

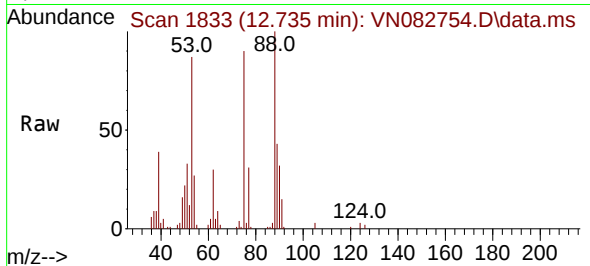
Tgt Ion:105 Resp: 264675
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 58.050 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

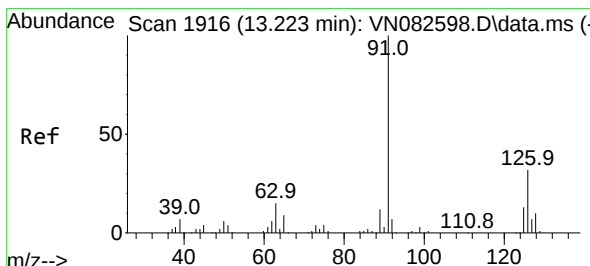
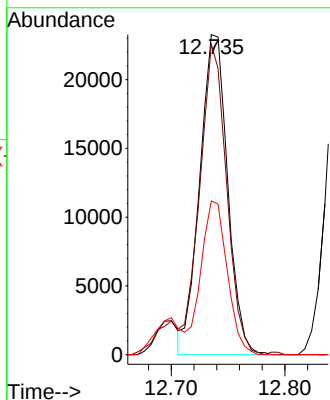
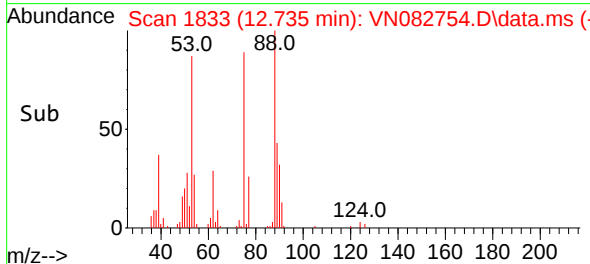
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 3976
Ion Ratio Lower Upper
75 100
53 102.4 88.4 132.6
89 45.3 36.3 54.5

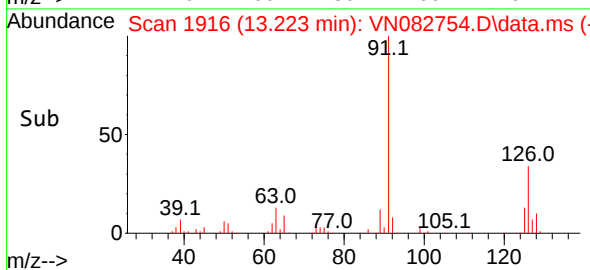
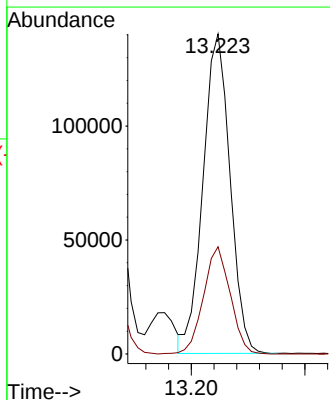
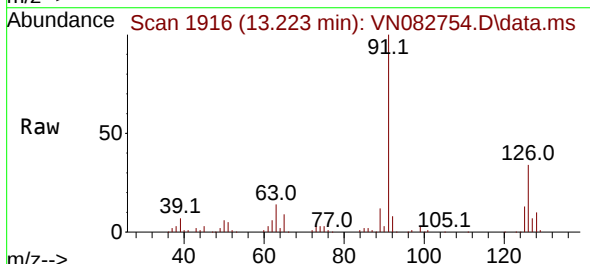
Manual Integrations
APPROVED

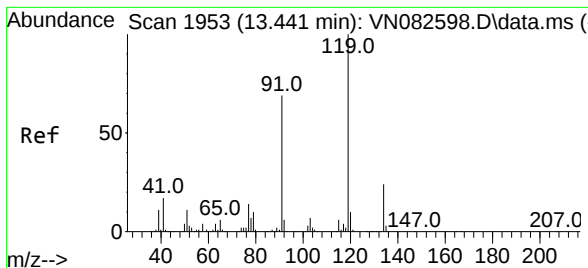
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#82
4-Chlorotoluene
Concen: 53.082 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

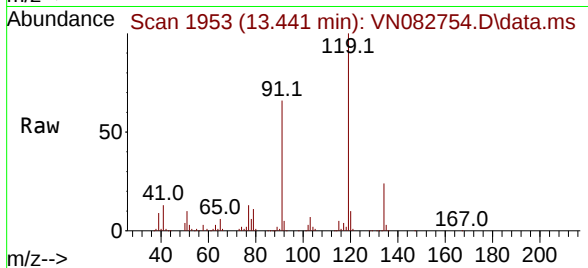
Tgt Ion: 91 Resp: 231515
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6





#83
 tert-Butylbenzene
 Concen: 53.419 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN082754.D
 Acq: 01 Jul 2024 10:17

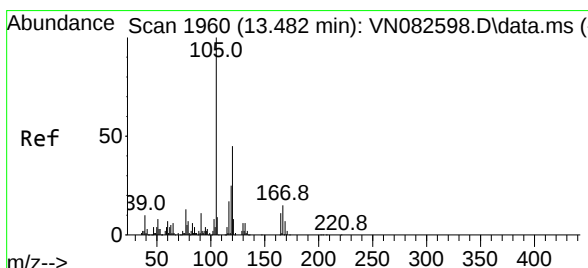
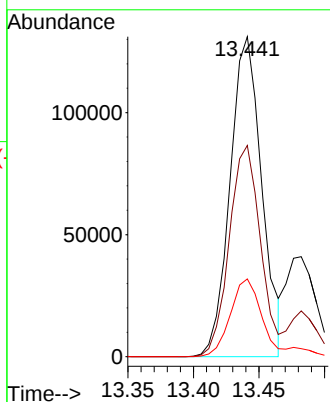
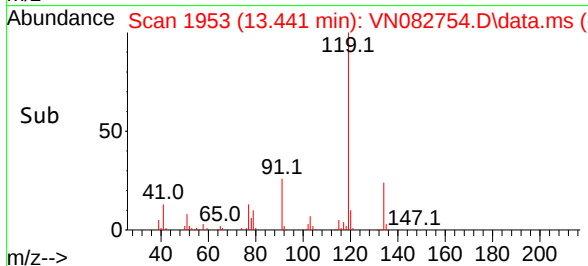
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:119 Resp: 220570
 Ion Ratio Lower Upper
 119 100
 91 64.8 35.0 105.1
 134 23.9 13.3 39.8

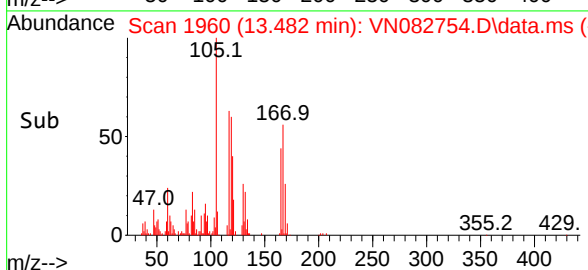
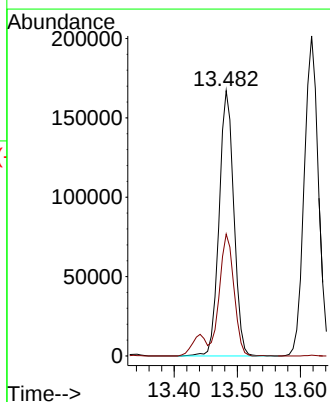
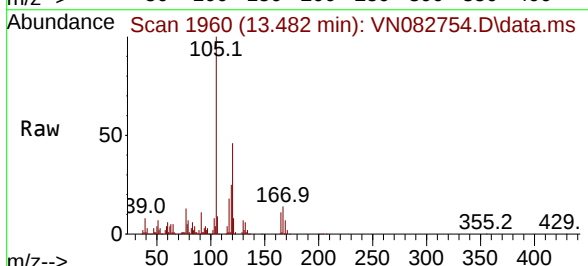
Manual Integrations
 APPROVED

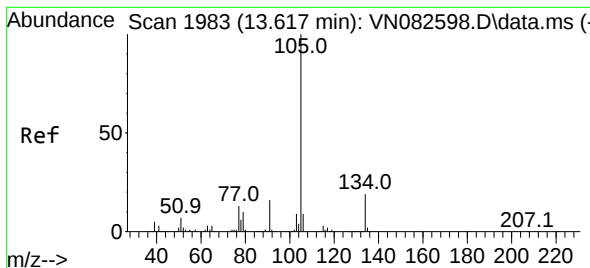
Reviewed By :John Carlone 07/02/2024
 Supervised By :Mahesh Dadoda 07/02/2024



#84
 1,2,4-Trimethylbenzene
 Concen: 55.520 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN082754.D
 Acq: 01 Jul 2024 10:17

Tgt Ion:105 Resp: 269242
 Ion Ratio Lower Upper
 105 100
 120 45.5 21.9 65.8





#85

sec-Butylbenzene

Concen: 54.365 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.001 min

Lab File: VN082754.D

Acq: 01 Jul 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 31453

Ion Ratio Lower Upper

105 100

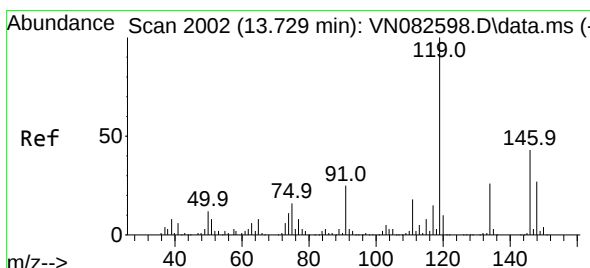
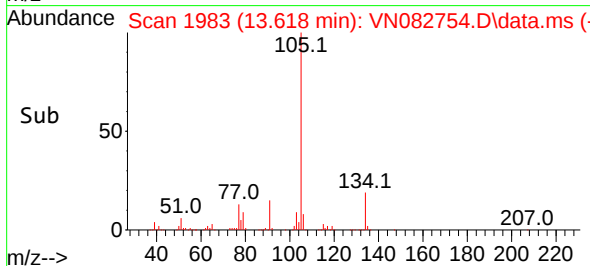
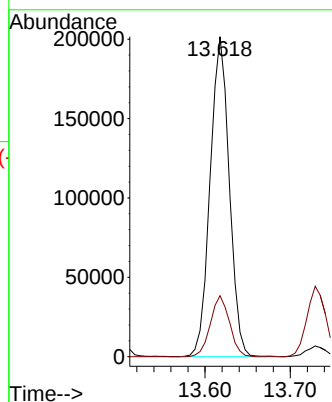
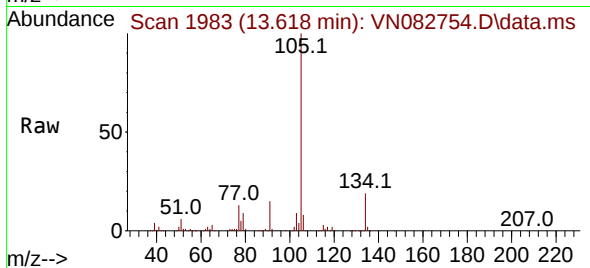
134 19.0 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/02/2024

Supervised By :Mahesh Dadoda 07/02/2024



#86

p-Isopropyltoluene

Concen: 57.536 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082754.D

Acq: 01 Jul 2024 10:17

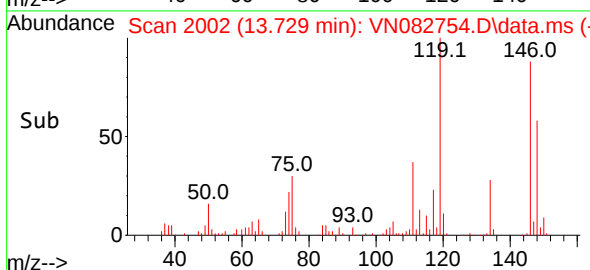
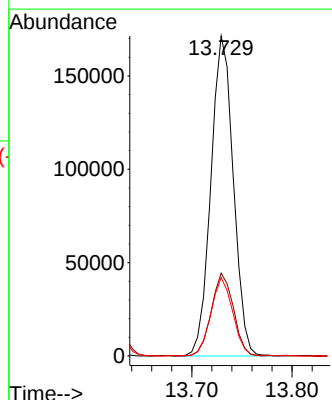
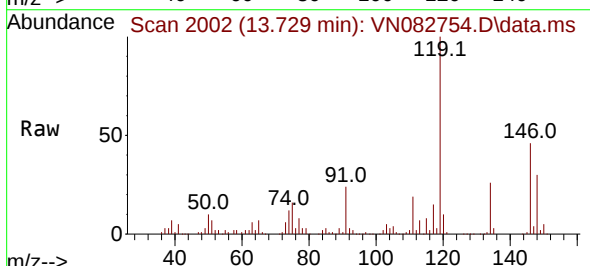
Tgt Ion:119 Resp: 266699

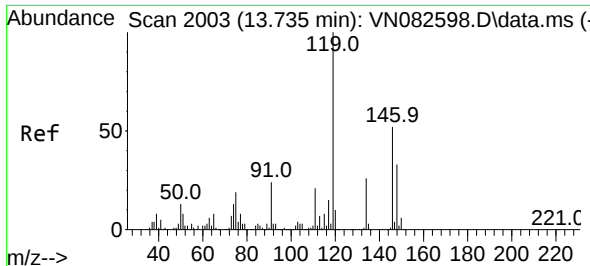
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

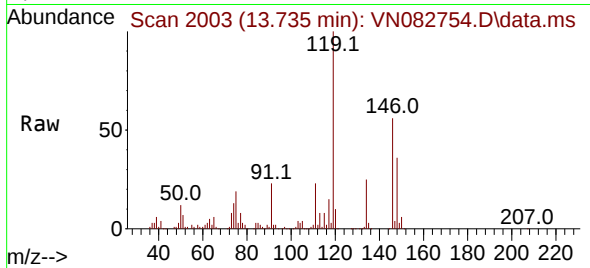
91 23.8 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 50.488 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082754.D
 Acq: 01 Jul 2024 10:17

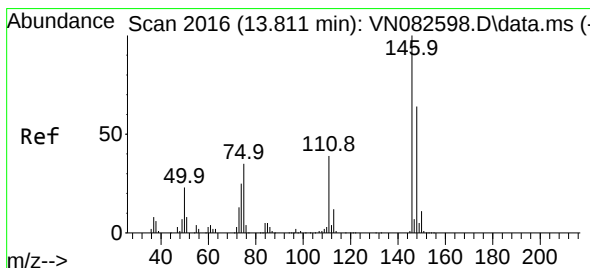
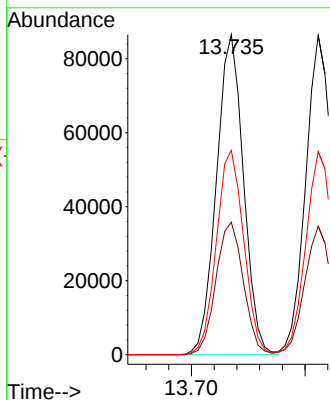
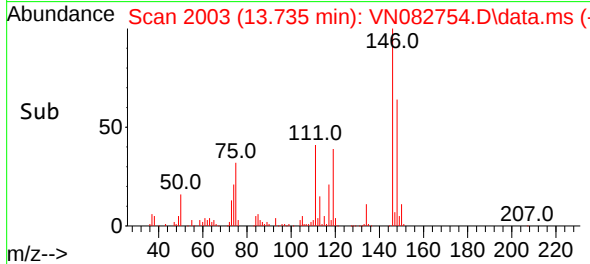
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



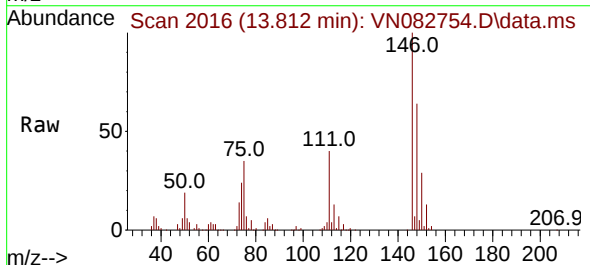
Tgt Ion:146 Resp: 143498
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.9
 148 64.5 31.8 95.3

Manual Integrations
 APPROVED

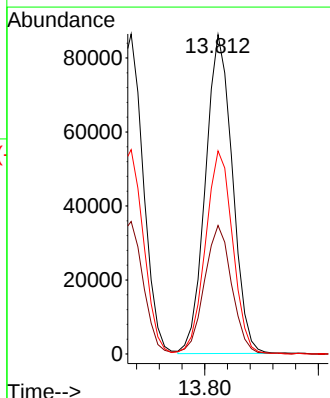
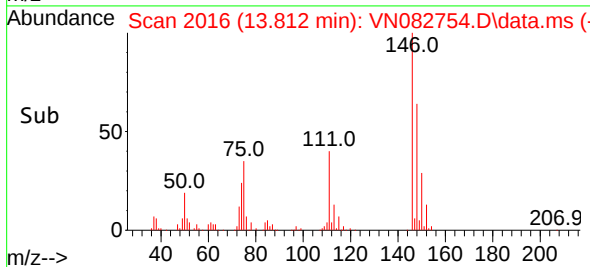
Reviewed By :John Carlone 07/02/2024
 Supervised By :Mahesh Dadoda 07/02/2024

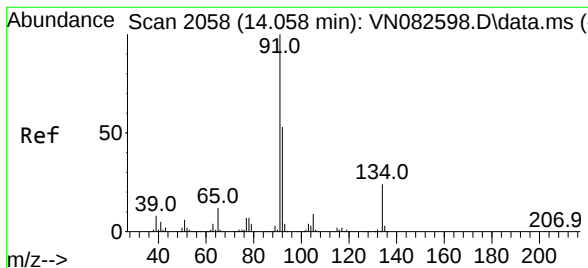


#88
 1,4-Dichlorobenzene
 Concen: 48.121 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.001 min
 Lab File: VN082754.D
 Acq: 01 Jul 2024 10:17



Tgt Ion:146 Resp: 142355
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.1 60.3
 148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 54.783 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082754.D

Acq: 01 Jul 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

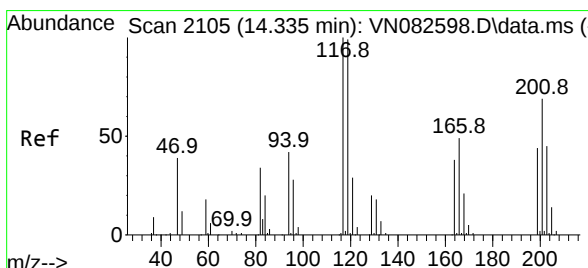
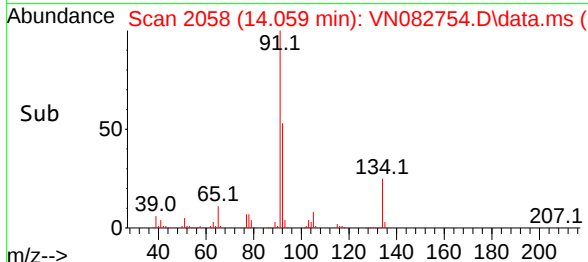
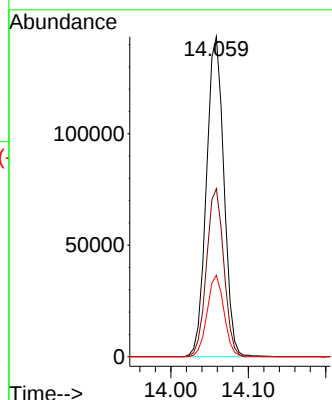
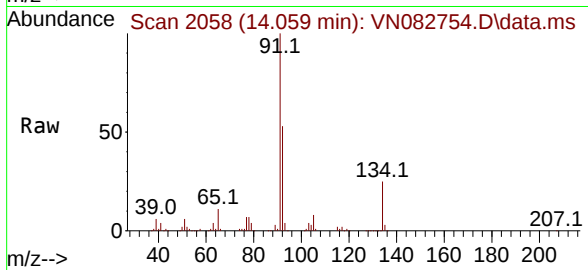
Tgt Ion: 91	Resp: 224864
Ion Ratio	Lower Upper
91	100
92	52.0 26.1 78.3
134	24.5 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/02/2024

Supervised By :Mahesh Dadoda 07/02/2024



#90

Hexachloroethane

Concen: 50.376 ug/l

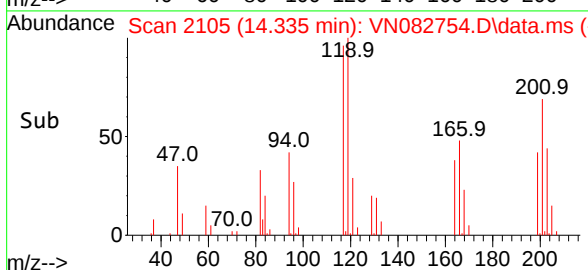
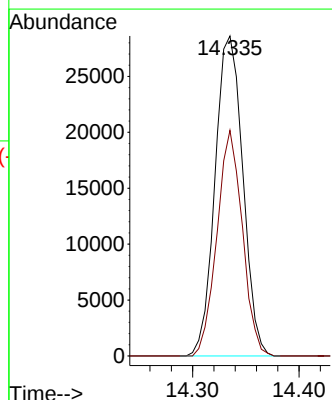
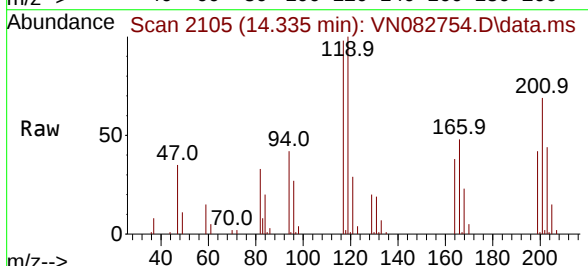
RT: 14.335 min Scan# 2105

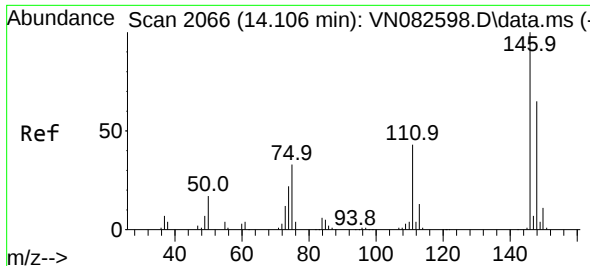
Delta R.T. 0.000 min

Lab File: VN082754.D

Acq: 01 Jul 2024 10:17

Tgt Ion:117	Resp: 51850
Ion Ratio	Lower Upper
117	100
201	64.4 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 51.932 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082754.D

Acq: 01 Jul 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 14018

Ion Ratio Lower Upper

146 100

111 41.4 21.4 64.2

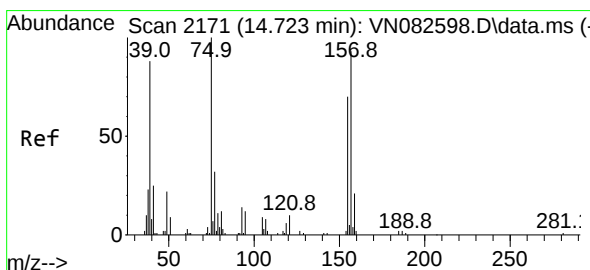
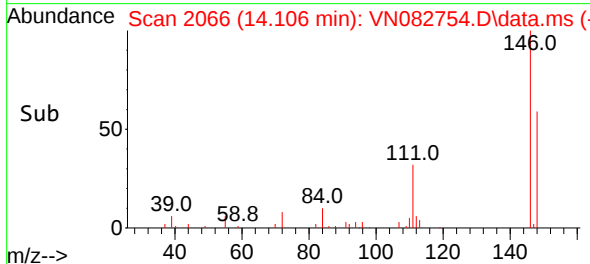
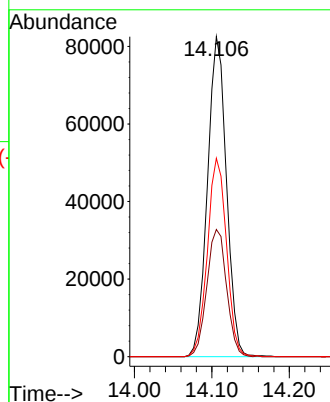
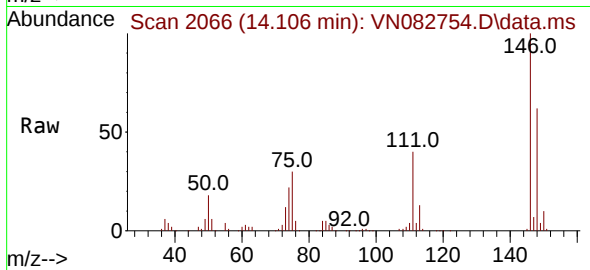
148 62.5 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/02/2024

Supervised By :Mahesh Dadoda 07/02/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.167 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN082754.D

Acq: 01 Jul 2024 10:17

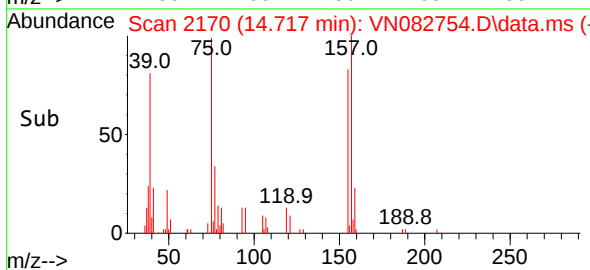
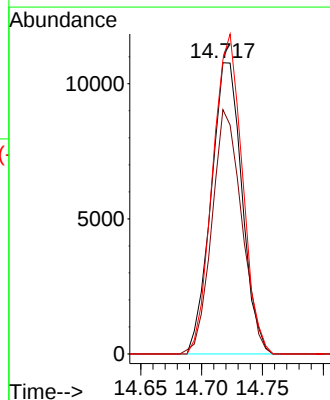
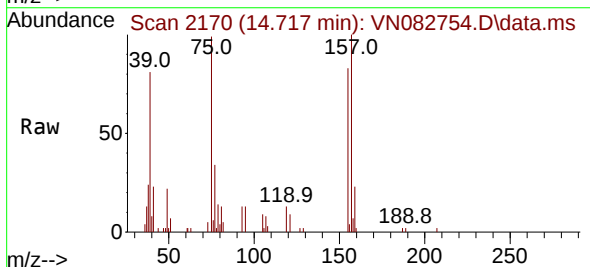
Tgt Ion: 75 Resp: 19017

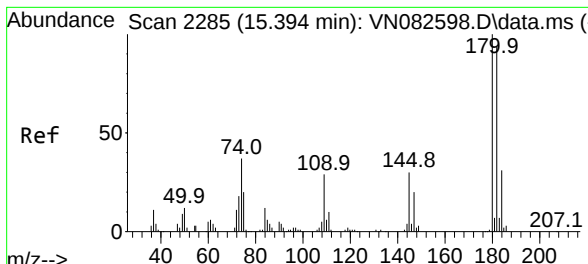
Ion Ratio Lower Upper

75 100

155 80.6 36.6 109.8

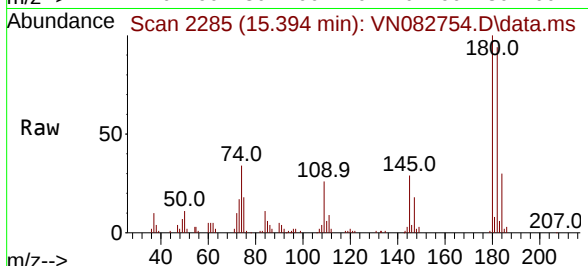
157 105.3 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 55.444 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

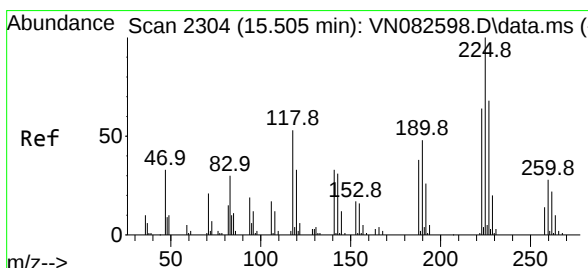
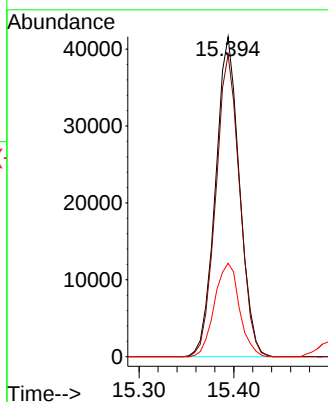
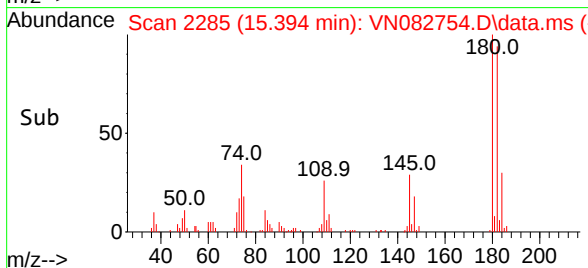
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



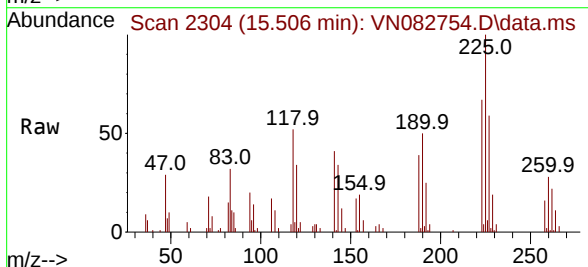
Tgt Ion:180 Resp: 7306
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.8
145 30.4 15.7 47.1

Manual Integrations
APPROVED

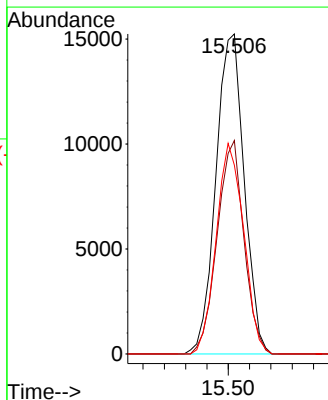
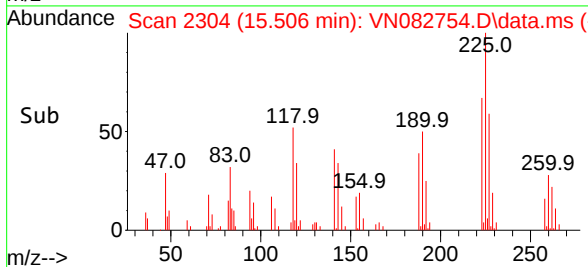
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

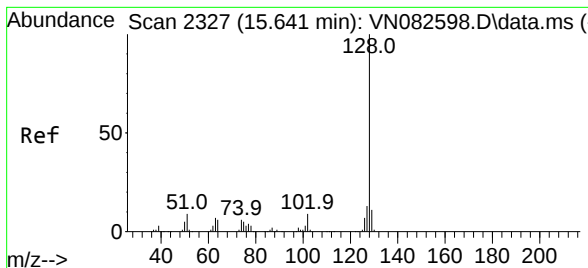


#94
Hexachlorobutadiene
Concen: 47.139 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.001 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17



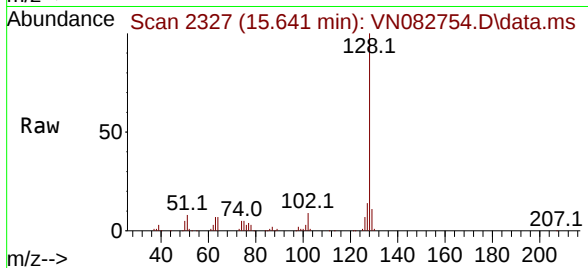
Tgt Ion:225 Resp: 28098
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.7
227 63.9 32.5 97.5





#95
Naphthalene
Concen: 56.173 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

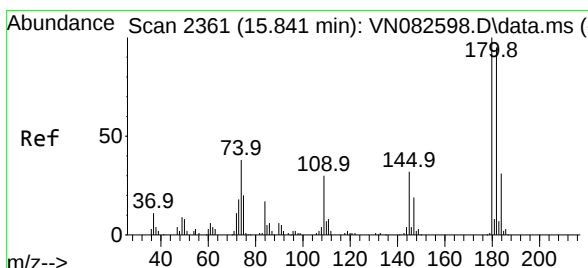
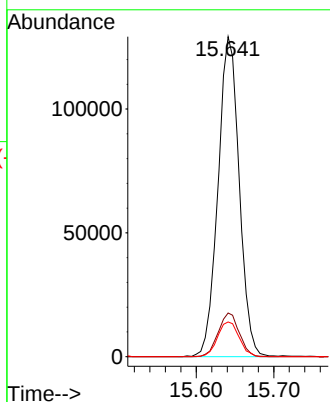
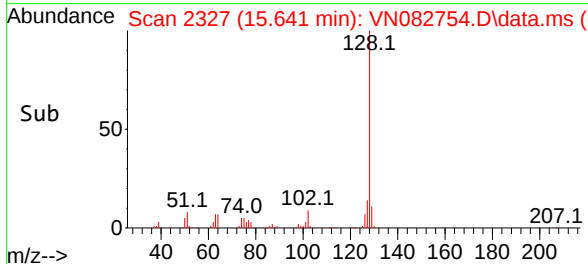
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 24585
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#96
1,2,3-Trichlorobenzene
Concen: 52.411 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082754.D
Acq: 01 Jul 2024 10:17

Tgt Ion:180 Resp: 73654
Ion Ratio Lower Upper
180 100
182 95.4 48.9 146.8
145 33.8 16.8 50.4

