

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084120.D
 Acq On : 23 Sep 2024 19:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/24/2024
 Supervised By : Mahesh Dadoda 09/24/2024

Quant Time: Sep 24 05:01:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	140027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	106584	50.480	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.960%			
35) Dibromofluoromethane	8.165	113	78338	49.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.480%			
50) Toluene-d8	10.565	98	280910	51.072	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.140%			
62) 4-Bromofluorobenzene	12.847	95	109764	48.370	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67244	41.351	ug/l	97
3) Chloromethane	2.359	50	74280	44.528	ug/l	95
4) Vinyl Chloride	2.512	62	77228	43.327	ug/l	96
5) Bromomethane	2.948	94	46351	45.291	ug/l	98
6) Chloroethane	3.118	64	49843	39.864	ug/l	97
7) Trichlorofluoromethane	3.495	101	132641	43.839	ug/l	97
8) Diethyl Ether	3.959	74	48557	47.876	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	75559	47.115	ug/l	98
10) Methyl Iodide	4.589	142	90499	44.371	ug/l	97
11) Tert butyl alcohol	5.518	59	85356	301.892	ug/l	98
12) 1,1-Dichloroethene	4.336	96	69876	46.137	ug/l	88
13) Acrolein	4.177	56	94793	339.799	ug/l	97
14) Allyl chloride	5.024	41	119571	44.307	ug/l	96
15) Acrylonitrile	5.718	53	215325	280.040	ug/l	100
16) Acetone	4.430	43	192732	227.704	ug/l	100
17) Carbon Disulfide	4.712	76	167891	39.629	ug/l	96
18) Methyl Acetate	5.024	43	108501	61.969	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	269608	49.193	ug/l	97
20) Methylene Chloride	5.277	84	84184	48.603	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	72700	44.790	ug/l	94
22) Diisopropyl ether	6.671	45	291132	52.406	ug/l	98
23) Vinyl Acetate	6.600	43	1081117	265.743	ug/l	98
24) 1,1-Dichloroethane	6.565	63	156427	48.875	ug/l	98
25) 2-Butanone	7.483	43	295227	265.378	ug/l	99
26) 2,2-Dichloropropane	7.488	77	131822	44.724	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	95030	49.320	ug/l	100
28) Bromochloromethane	7.812	49	72790	54.005	ug/l	95
29) Tetrahydrofuran	7.835	42	189341	287.841	ug/l	97
30) Chloroform	7.965	83	166362	48.961	ug/l	99
31) Cyclohexane	8.259	56	122580	40.169	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	146666	46.943	ug/l	98
36) 1,1-Dichloropropene	8.371	75	107293	44.804	ug/l	99
37) Ethyl Acetate	7.559	43	121984	56.119	ug/l	97
38) Carbon Tetrachloride	8.359	117	124367	45.777	ug/l	99
39) Methylcyclohexane	9.600	83	112673	41.336	ug/l	99
40) Benzene	8.606	78	345346	47.913	ug/l	100

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Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	68675	53.417	ug/l	99
42) 1,2-Dichloroethane	8.671	62	128404	47.675	ug/l	100
43) Isopropyl Acetate	8.688	43	211813	53.773	ug/l	99
44) Trichloroethene	9.353	130	78048	46.760	ug/l	94
45) 1,2-Dichloropropane	9.618	63	86472	49.637	ug/l	98
46) Dibromomethane	9.706	93	61422	50.337	ug/l	99
47) Bromodichloromethane	9.888	83	136957	51.862	ug/l	99
48) Methyl methacrylate	9.682	41	100158	53.594	ug/l	99
49) 1,4-Dioxane	9.694	88	34162	1111.201	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	623576	290.819	ug/l	98
52) Toluene	10.629	92	214518	48.657	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	136021	50.816	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	141306	50.256	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	83767	50.893	ug/l	96
56) Ethyl methacrylate	10.871	69	140480	55.474	ug/l	99
57) 1,3-Dichloropropane	11.165	76	145656	51.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	322529	353.473	ug/l	97
59) 2-Hexanone	11.194	43	456662	287.911	ug/l	99
60) Dibromochloromethane	11.359	129	100273	54.436	ug/l	99
61) 1,2-Dibromoethane	11.470	107	83289	50.740	ug/l	99
64) Tetrachloroethene	11.100	164	64844	43.719	ug/l	96
65) Chlorobenzene	11.888	112	229502	46.300	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	81375	47.355	ug/l	97
67) Ethyl Benzene	11.965	91	420620	47.767	ug/l	100
68) m/p-Xylenes	12.070	106	310763	95.058	ug/l	99
69) o-Xylene	12.400	106	150857	47.667	ug/l	99
70) Styrene	12.412	104	264279	50.882	ug/l	99
71) Bromoform	12.576	173	63206	54.583	ug/l #	99
73) Isopropylbenzene	12.694	105	395048	45.283	ug/l	98
74) N-amyl acetate	12.494	43	189662	50.956	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	123439	48.157	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	104973m	46.136	ug/l	
77) Bromobenzene	12.982	156	92096	43.856	ug/l	98
78) n-propylbenzene	13.035	91	472443	46.544	ug/l	98
79) 2-Chlorotoluene	13.123	91	294388	45.477	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	336455	45.745	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	42703	49.155	ug/l	97
82) 4-Chlorotoluene	13.217	91	298914	46.014	ug/l	100
83) tert-Butylbenzene	13.435	119	289867	45.046	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	345403	46.750	ug/l	99
85) sec-Butylbenzene	13.617	105	397885	46.623	ug/l	100
86) p-Isopropyltoluene	13.729	119	332638	46.498	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	172720	43.582	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	173587	43.257	ug/l	100
89) n-Butylbenzene	14.053	91	286998	44.683	ug/l	99
90) Hexachloroethane	14.335	117	65652	45.653	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	171331	44.795	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25449	49.806	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	80937	39.434	ug/l	99
94) Hexachlorobutadiene	15.500	225	36608	41.999	ug/l	99
95) Naphthalene	15.641	128	281379	45.062	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	82077	41.843	ug/l	99

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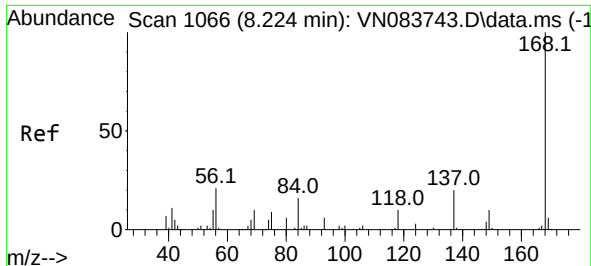
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

Quant Time: Sep 24 05:01:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

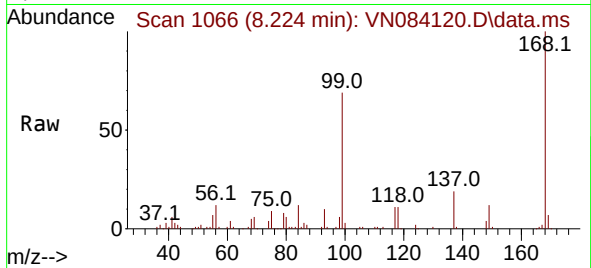
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084120.D
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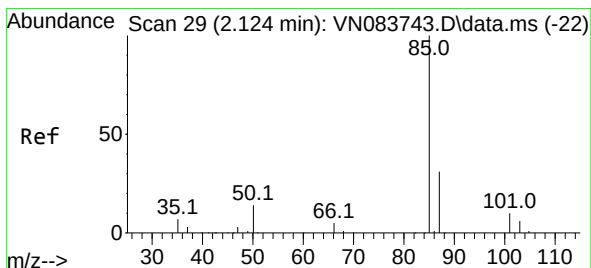
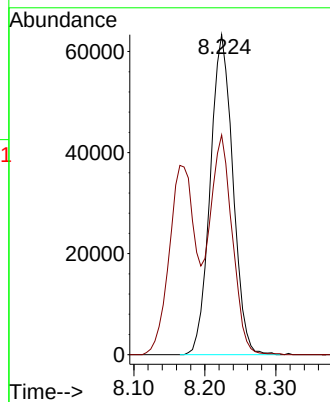
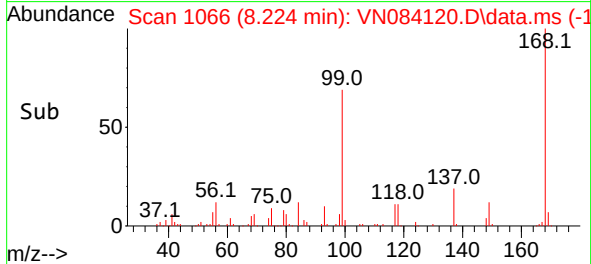
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 14002
Ion Ratio Lower Upper
168 100
99 68.4 54.2 81.2

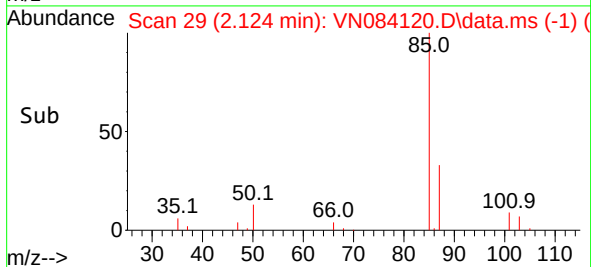
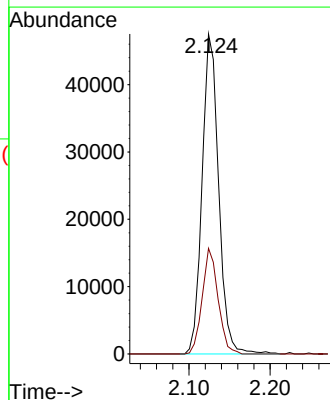
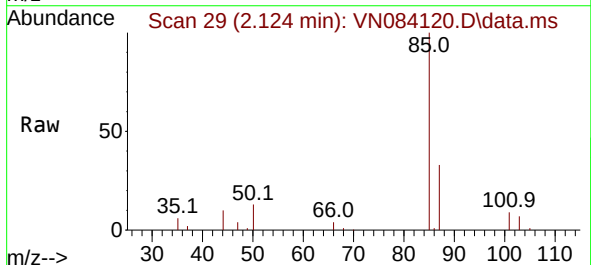
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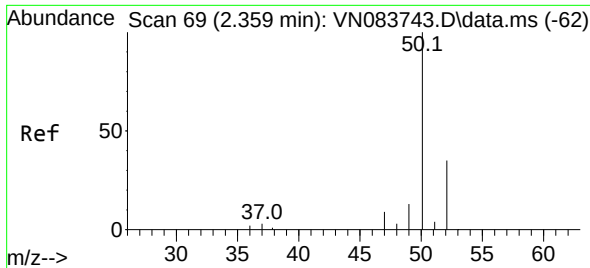
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#2
Dichlorodifluoromethane
Concen: 41.351 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Tgt Ion: 85 Resp: 67244
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0





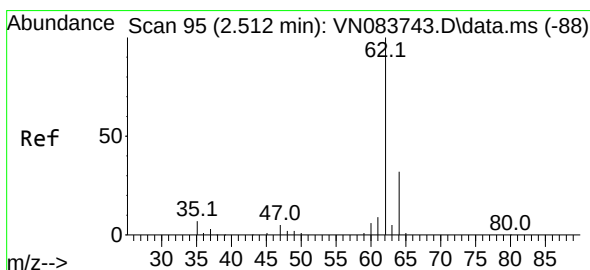
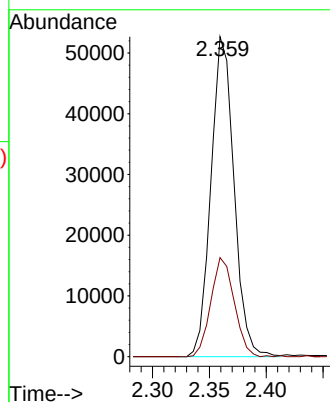
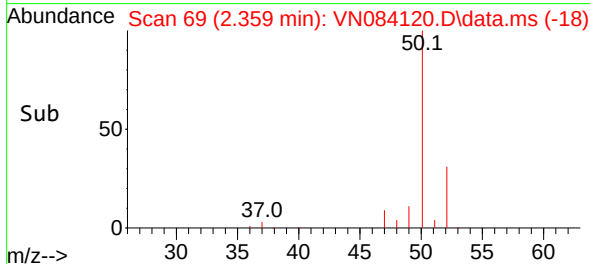
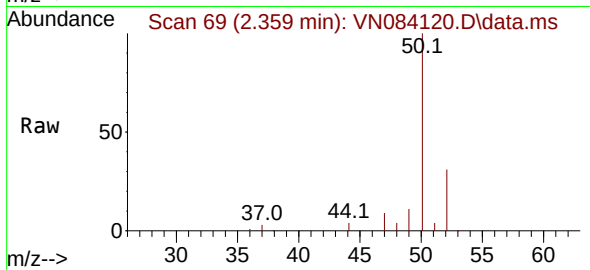
#3
Chloromethane
Concen: 44.528 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

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Tgt Ion: 50 Resp: 74280
Ion Ratio Lower Upper
50 100
52 31.0 27.2 40.8

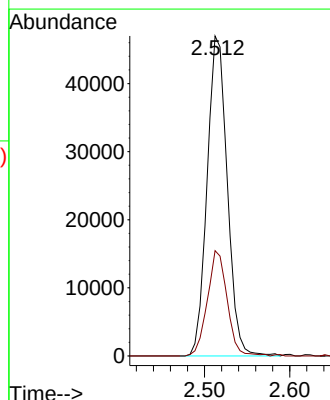
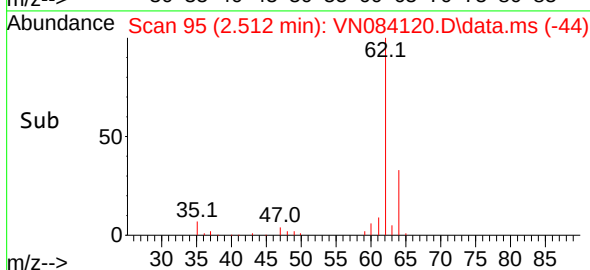
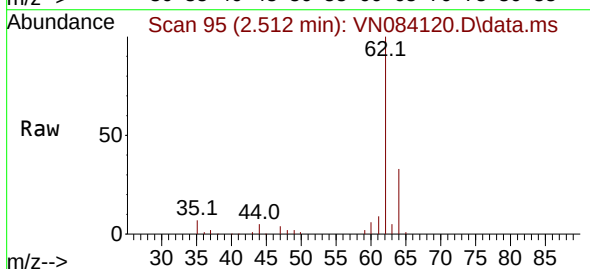
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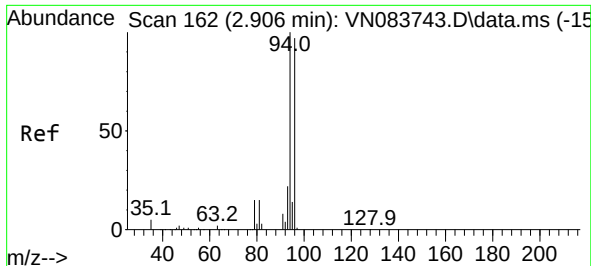
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#4
Vinyl Chloride
Concen: 43.327 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Tgt Ion: 62 Resp: 77228
Ion Ratio Lower Upper
62 100
64 32.9 24.7 37.1





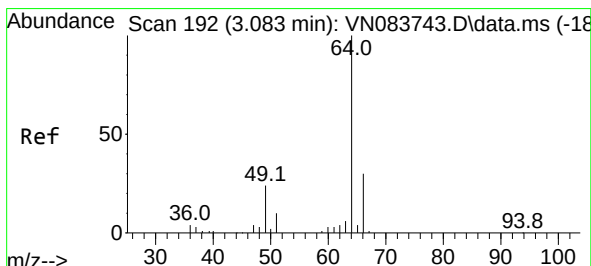
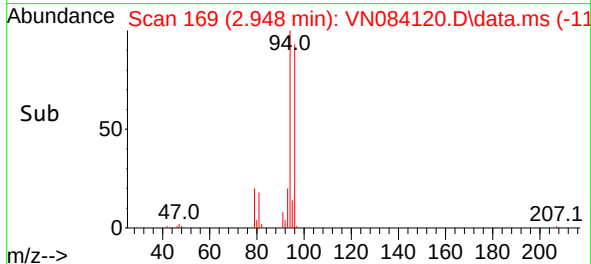
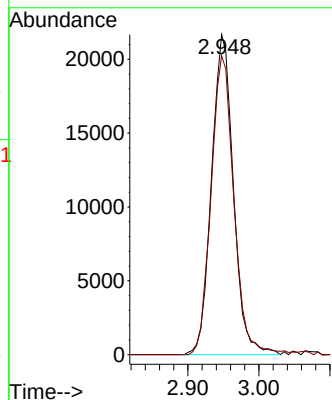
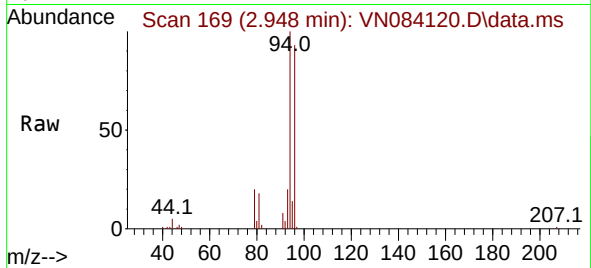
#5
Bromomethane
Concen: 45.291 ug/l
RT: 2.948 min Scan# 162
Delta R.T. 0.041 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 4635
Ion Ratio Lower Upper
94 100
96 93.5 76.0 114.0

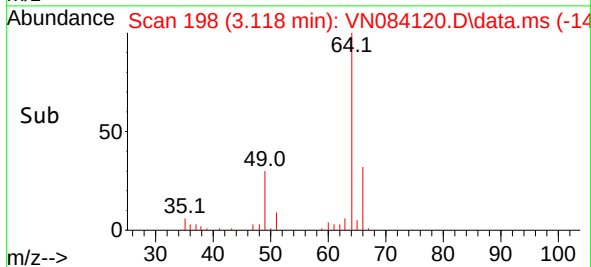
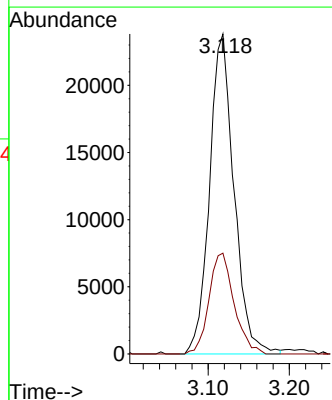
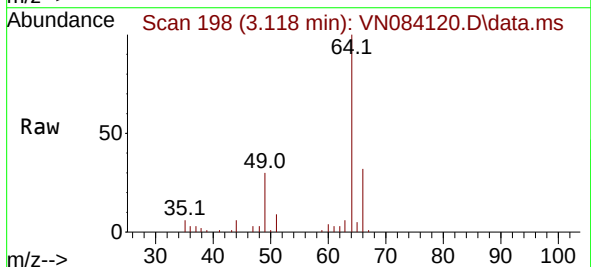
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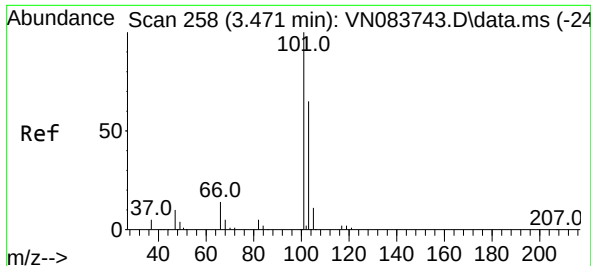
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#6
Chloroethane
Concen: 39.864 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.035 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

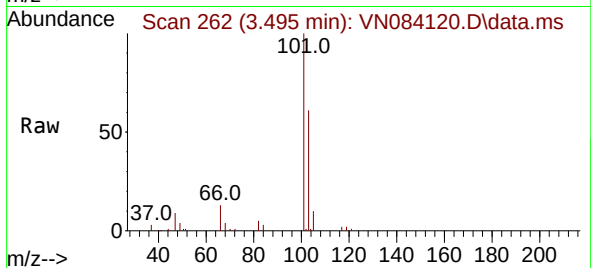
Tgt Ion: 64 Resp: 49843
Ion Ratio Lower Upper
64 100
66 31.5 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 43.839 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.023 min
 Lab File: VN084120.D
 Acq: 23 Sep 2024 19:29

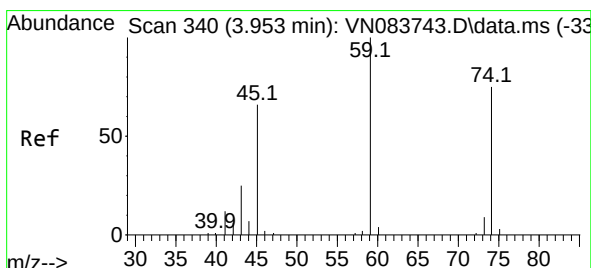
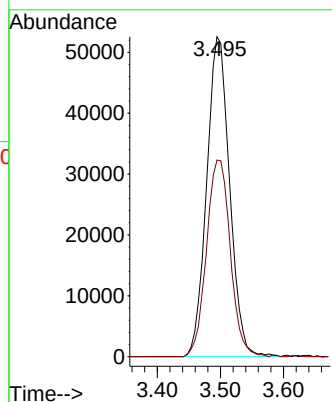
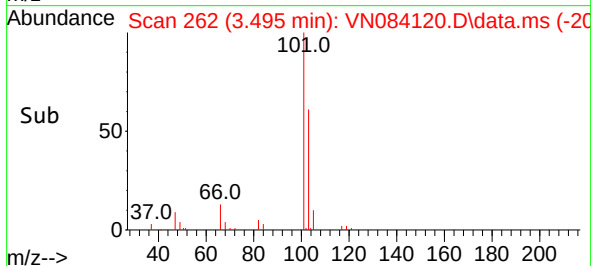
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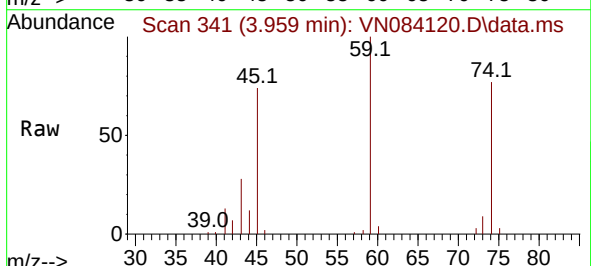
Tgt Ion:101 Resp: 13264
 Ion Ratio Lower Upper
 101 100
 103 61.5 51.4 77.0

Manual Integrations
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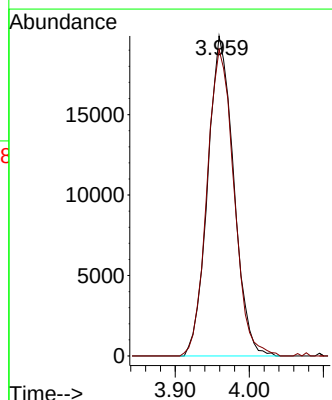
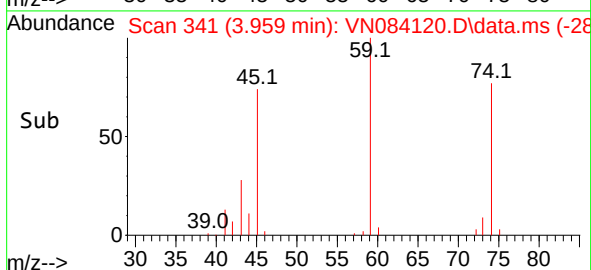
Reviewed By :John Carlone 09/24/2024
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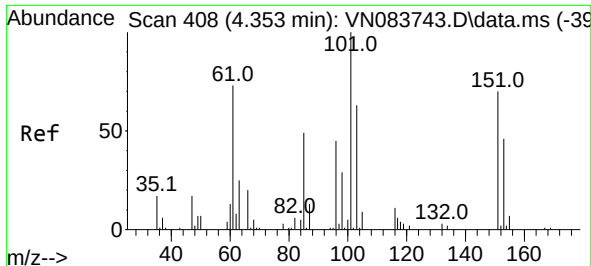


#8
 Diethyl Ether
 Concen: 47.876 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN084120.D
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Tgt Ion: 74 Resp: 48557
 Ion Ratio Lower Upper
 74 100
 45 99.0 46.7 140.1





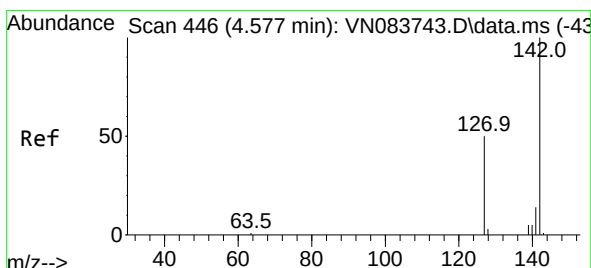
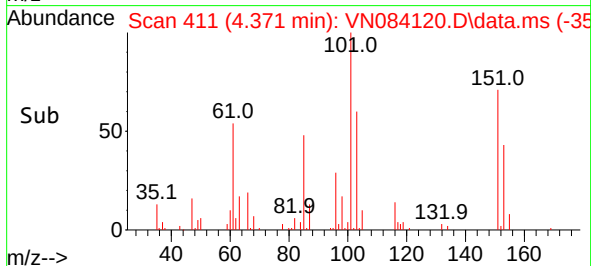
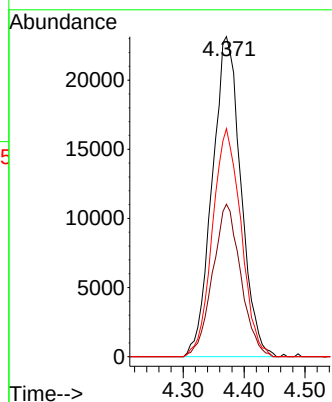
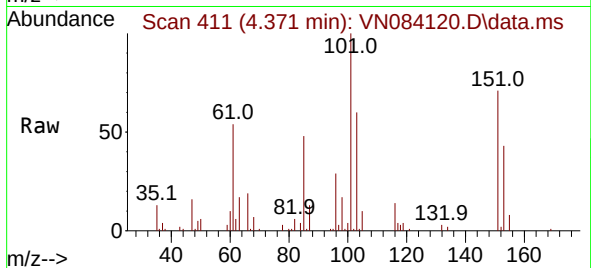
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.115 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

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Tgt Ion:101 Resp: 7555
Ion Ratio Lower Upper
101 100
85 46.9 36.2 54.4
151 71.1 57.7 86.5

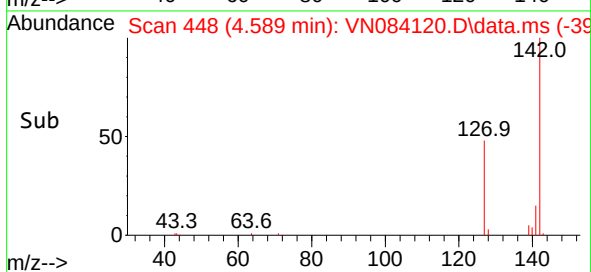
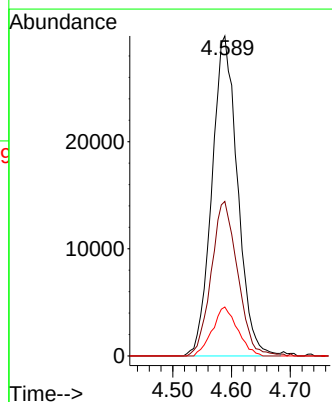
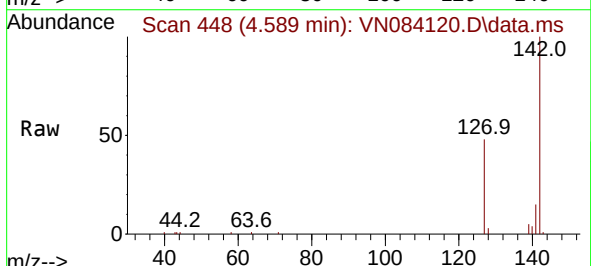
Manual Integrations
APPROVED

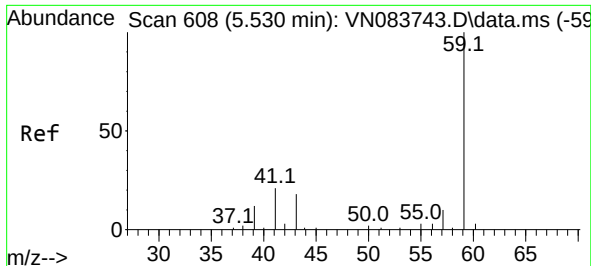
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#10
Methyl Iodide
Concen: 44.371 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

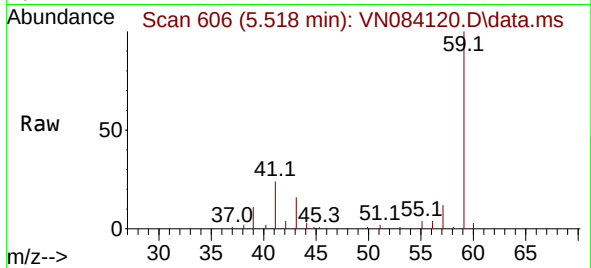
Tgt Ion:142 Resp: 90499
Ion Ratio Lower Upper
142 100
127 48.3 37.5 56.3
141 15.3 11.0 16.4





#11
Tert butyl alcohol
Concen: 301.892 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

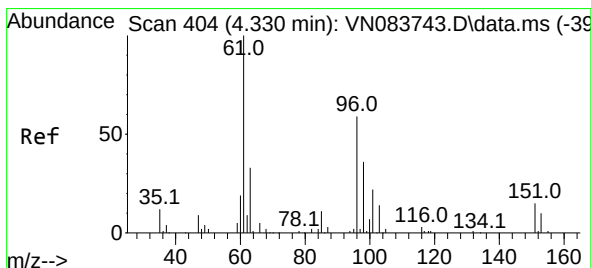
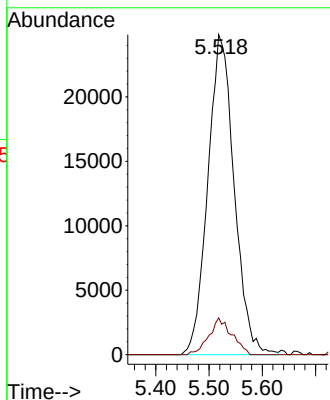
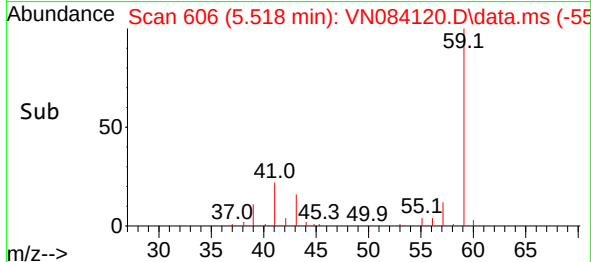
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



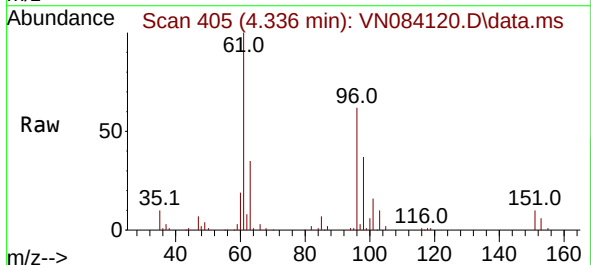
Tgt Ion: 59 Resp: 85350
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

Manual Integrations
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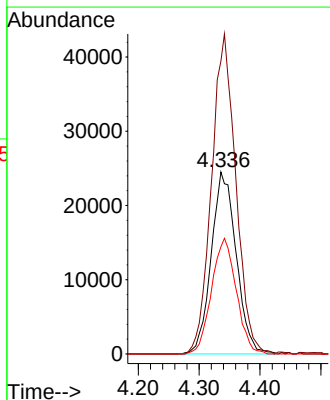
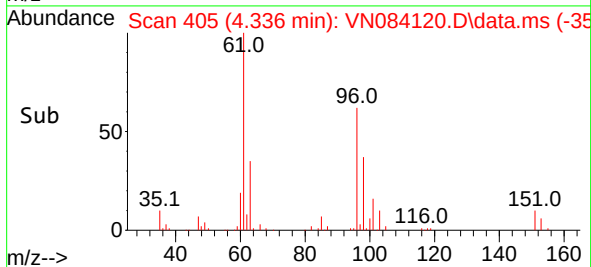
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

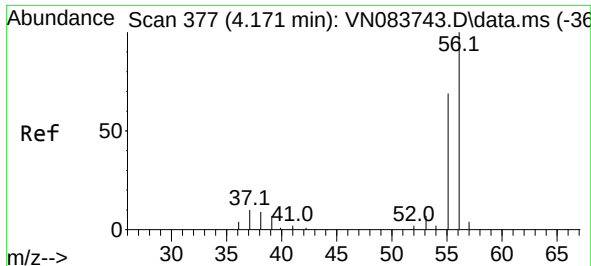


#12
1,1-Dichloroethene
Concen: 46.137 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29



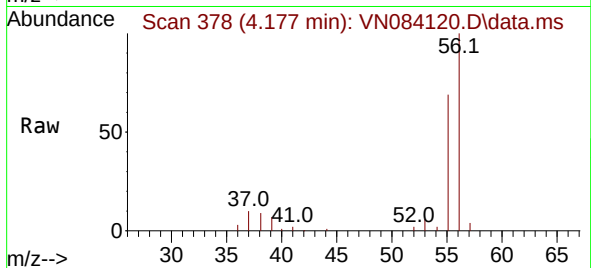
Tgt Ion: 96 Resp: 69876
Ion Ratio Lower Upper
96 100
61 161.1 143.4 215.0
98 58.9 52.7 79.1





#13
Acrolein
Concen: 339.799 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

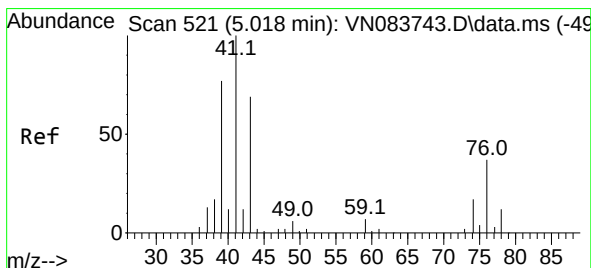
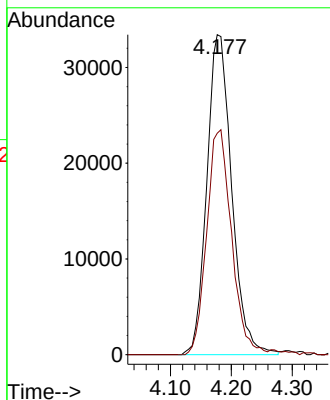
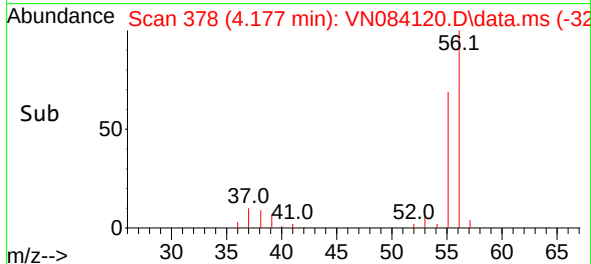
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



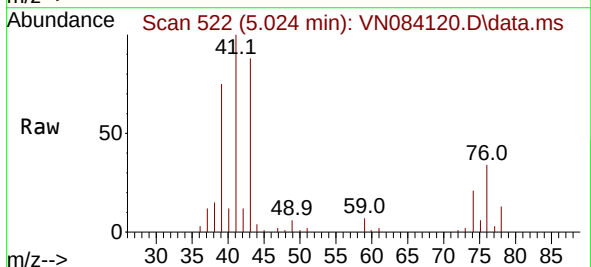
Tgt Ion: 56 Resp: 9479
Ion Ratio Lower Upper
56 100
55 70.1 58.2 87.2

Manual Integrations
APPROVED

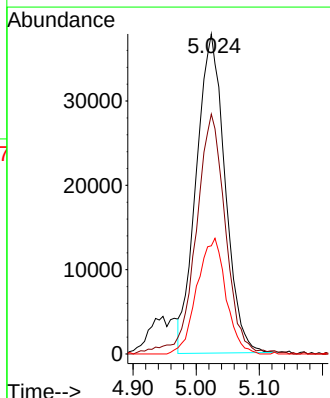
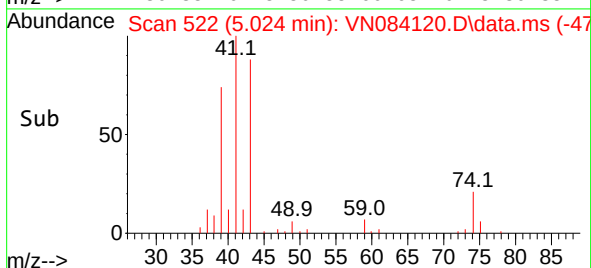
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

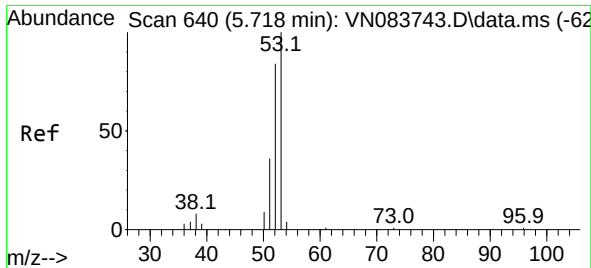


#14
Allyl chloride
Concen: 44.307 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29



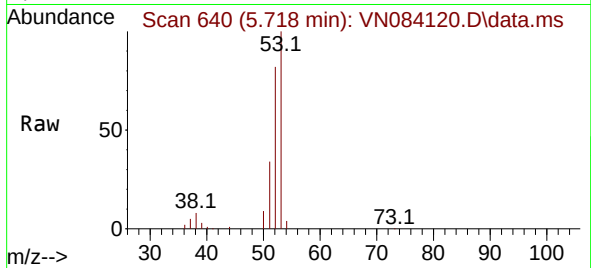
Tgt Ion: 41 Resp: 119571
Ion Ratio Lower Upper
41 100
39 77.3 59.3 88.9
76 36.5 27.7 41.5





#15
Acrylonitrile
Concen: 280.040 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

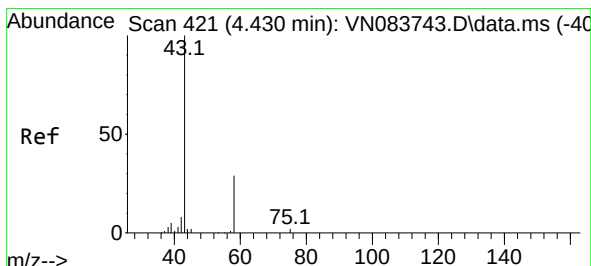
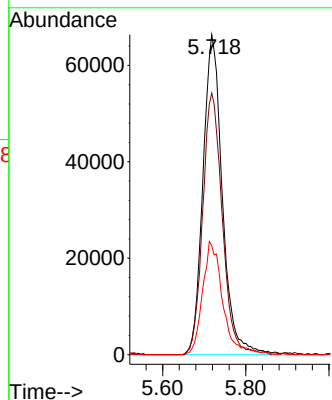
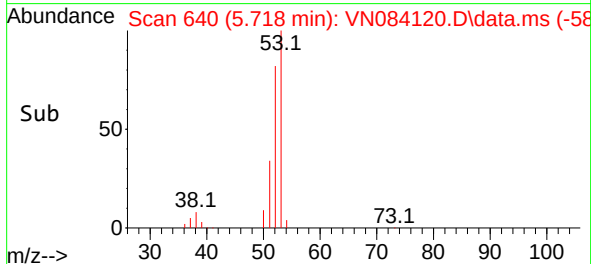
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 215329
Ion Ratio Lower Upper
53 100
52 82.3 66.1 99.1
51 36.6 29.6 44.4

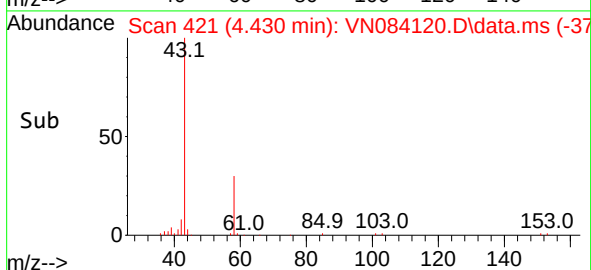
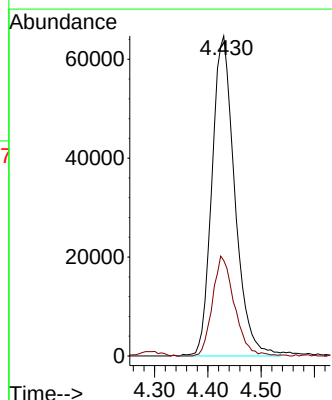
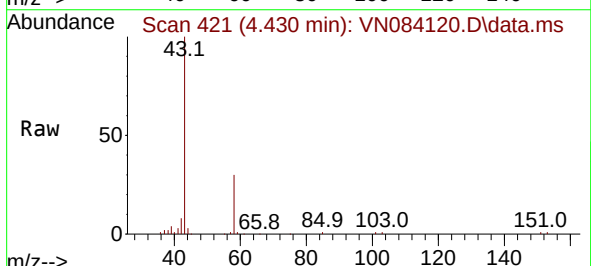
Manual Integrations
APPROVED

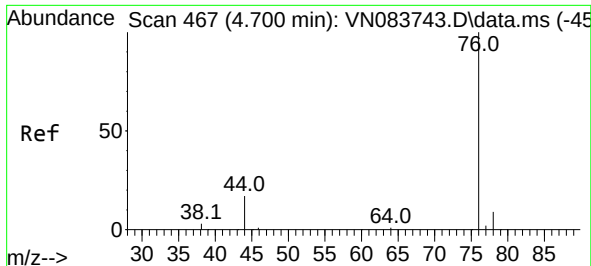
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#16
Acetone
Concen: 227.704 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

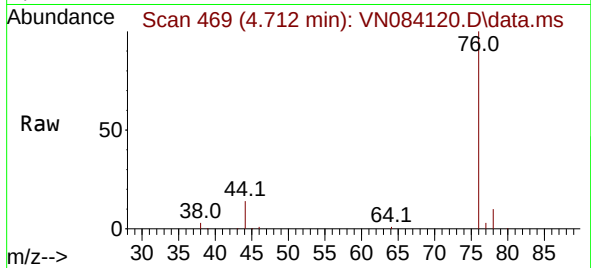
Tgt Ion: 43 Resp: 192732
Ion Ratio Lower Upper
43 100
58 29.9 23.7 35.5





#17
Carbon Disulfide
Concen: 39.629 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

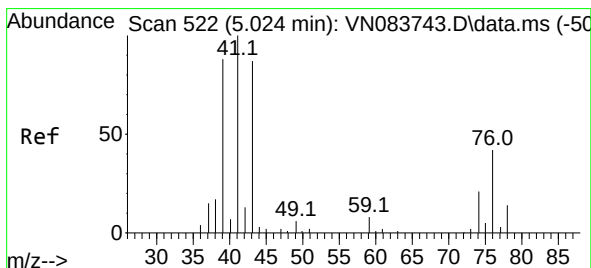
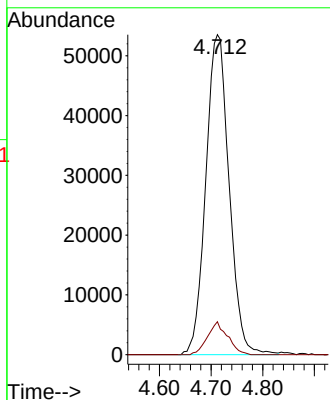
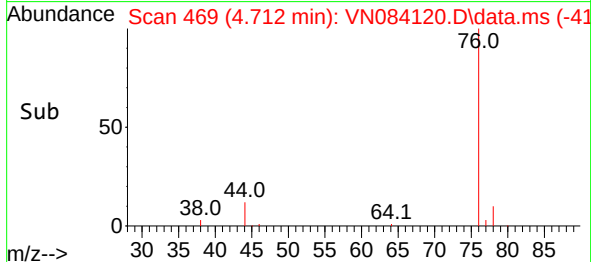
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 16789
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7

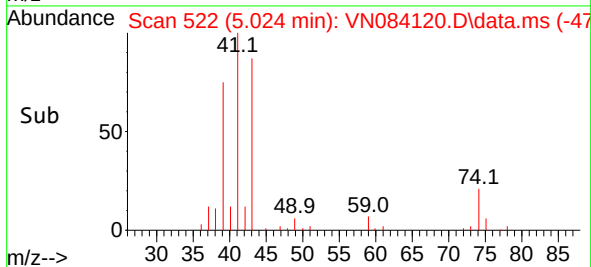
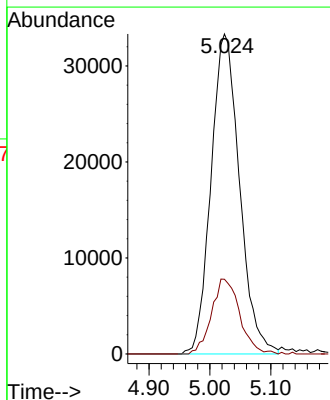
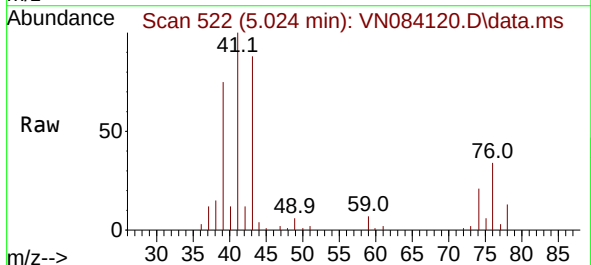
Manual Integrations
APPROVED

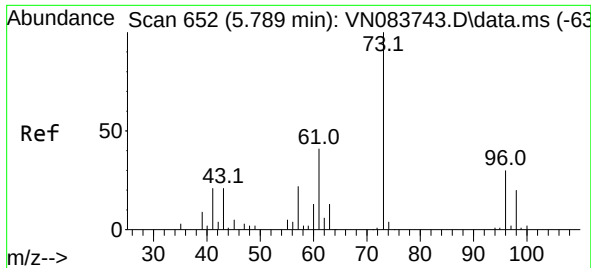
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#18
Methyl Acetate
Concen: 61.969 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Tgt Ion: 43 Resp: 108501
Ion Ratio Lower Upper
43 100
74 23.1 19.0 28.4





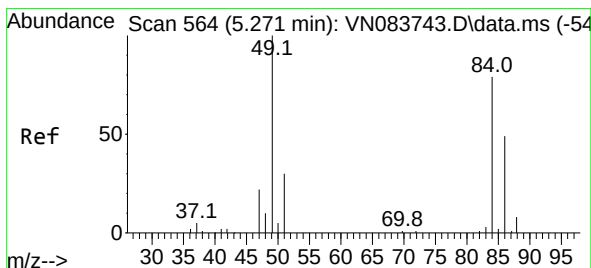
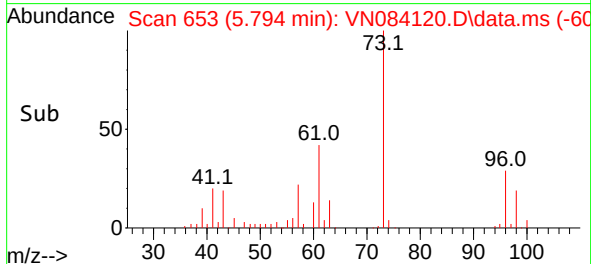
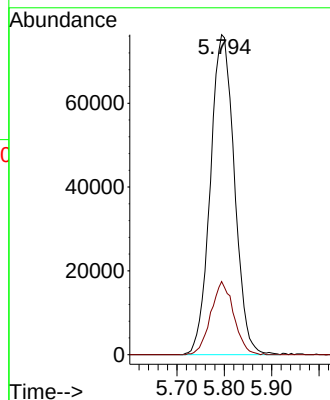
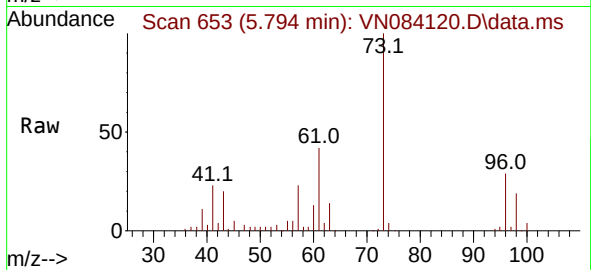
#19
Methyl tert-butyl Ether
Concen: 49.193 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 269608
Ion Ratio Lower Upper
73 100
57 22.9 17.0 25.6

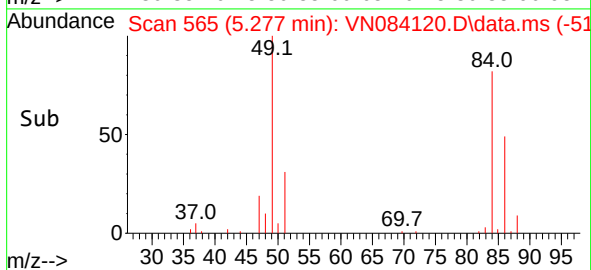
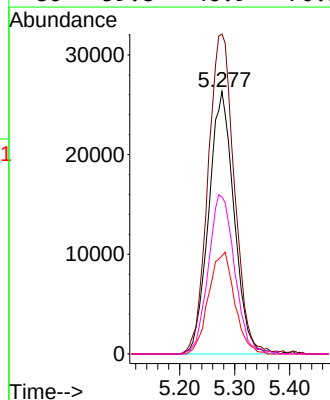
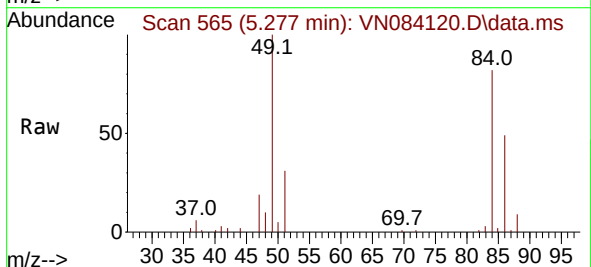
Manual Integrations
APPROVED

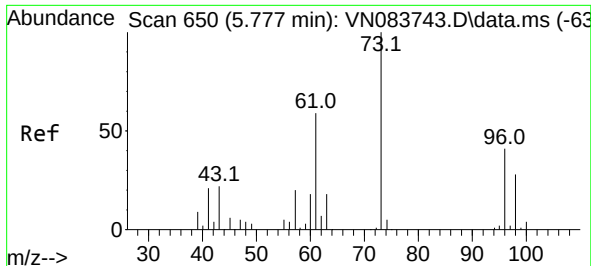
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#20
Methylene Chloride
Concen: 48.603 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Tgt Ion: 84 Resp: 84184
Ion Ratio Lower Upper
84 100
49 122.0 93.4 140.0
51 37.5 29.2 43.8
86 59.8 46.9 70.3





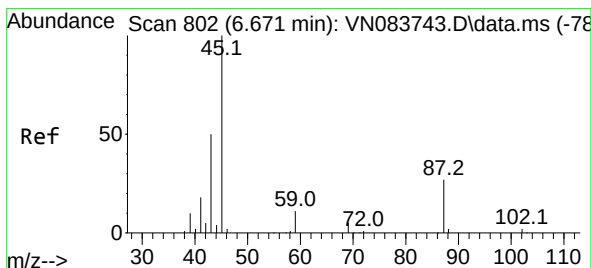
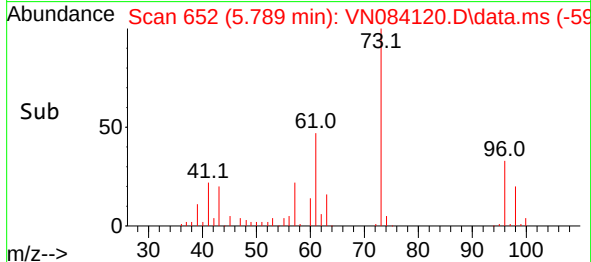
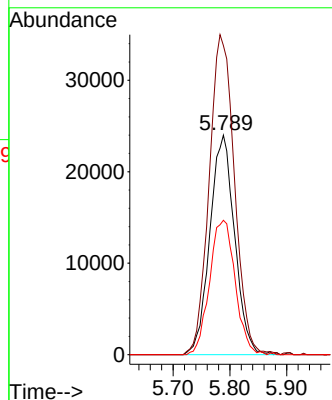
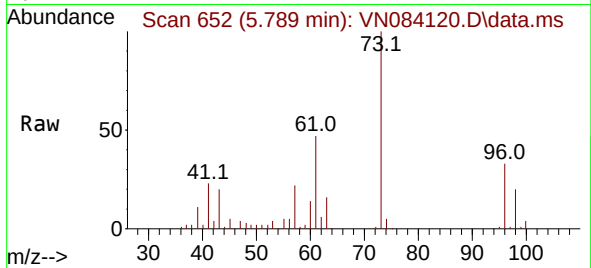
#21
trans-1,2-Dichloroethene
Concen: 44.790 ug/l
RT: 5.789 min Scan# 612
Delta R.T. 0.012 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 72700
Ion Ratio Lower Upper
96 100
61 140.9 106.0 159.0
98 61.2 52.2 78.2

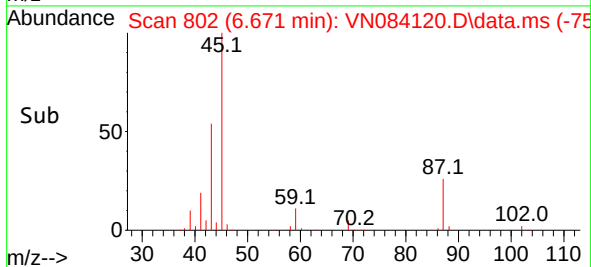
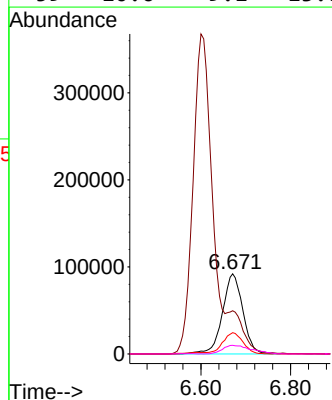
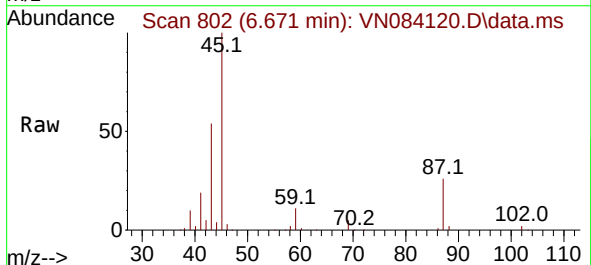
Manual Integrations
APPROVED

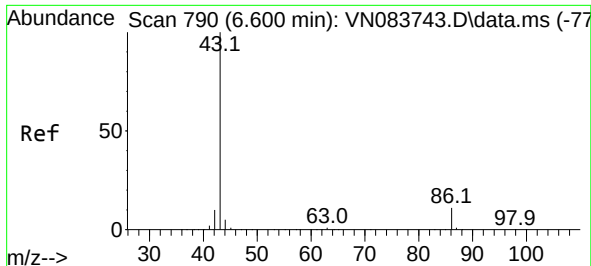
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#22
Diisopropyl ether
Concen: 52.406 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Tgt Ion: 45 Resp: 291132
Ion Ratio Lower Upper
45 100
43 53.0 43.4 65.0
87 26.5 22.6 33.8
59 10.6 9.1 13.7





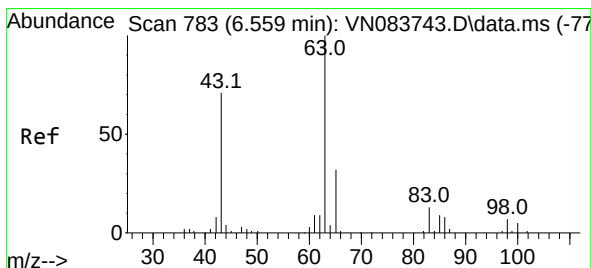
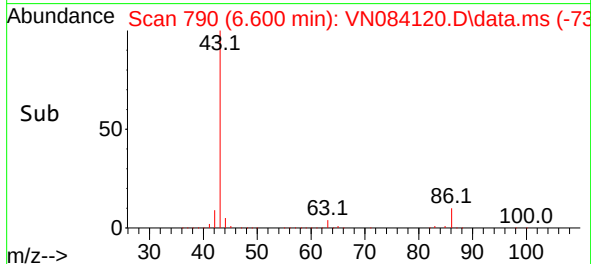
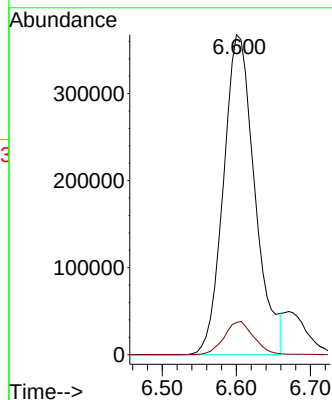
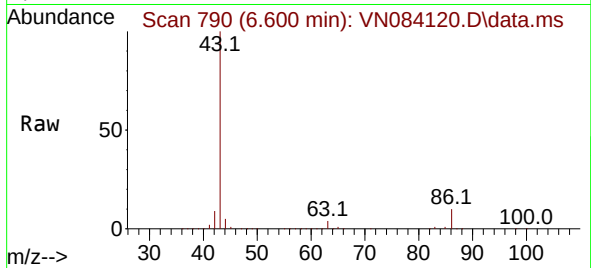
#23
 Vinyl Acetate
 Concen: 265.743 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084120.D
 Acq: 23 Sep 2024 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 108111
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.7 13.1

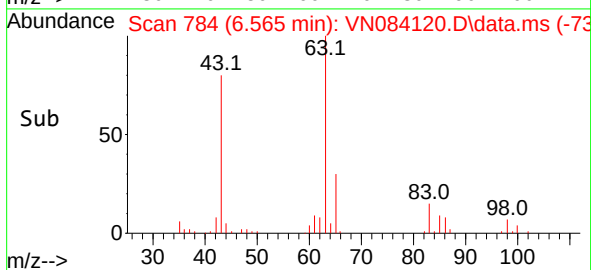
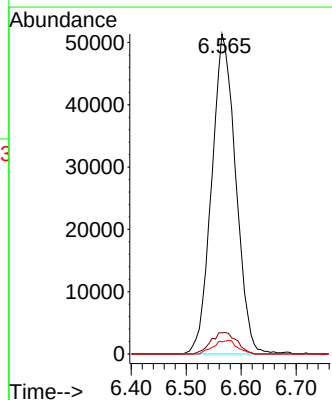
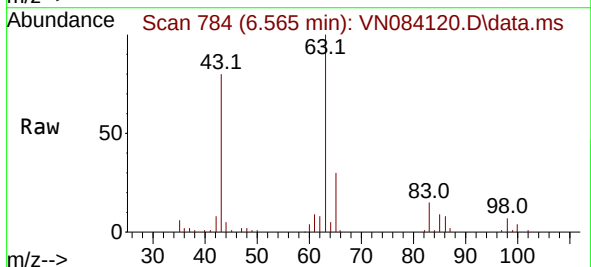
Manual Integrations
 APPROVED

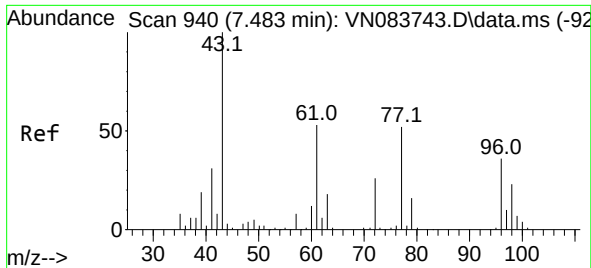
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024



#24
 1,1-Dichloroethane
 Concen: 48.875 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN084120.D
 Acq: 23 Sep 2024 19:29

Tgt Ion: 63 Resp: 156427
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 3.8 2.5 7.5





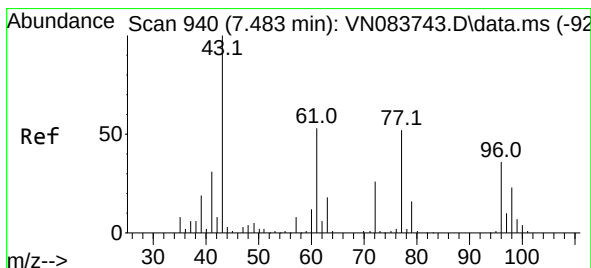
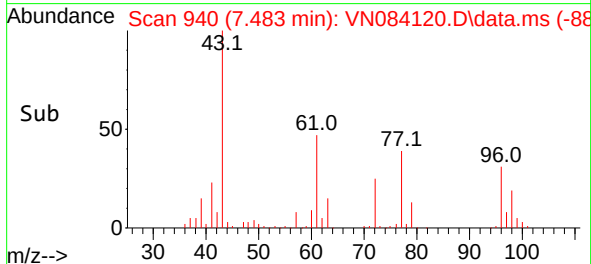
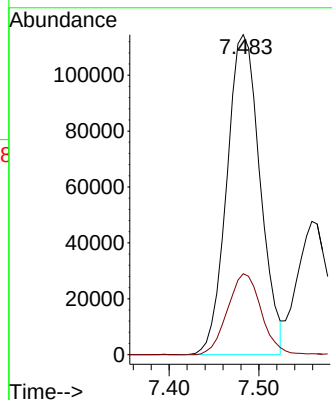
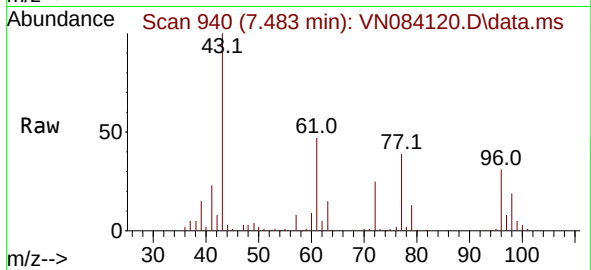
#25
2-Butanone
Concen: 265.378 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 29522
Ion Ratio Lower Upper
43 100
72 25.3 20.8 31.2

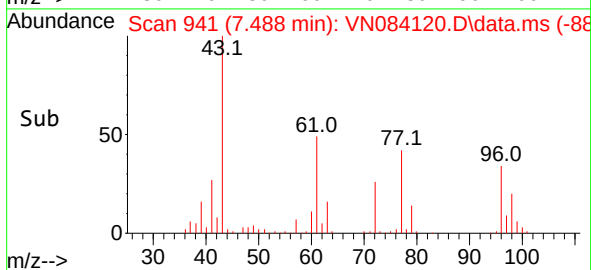
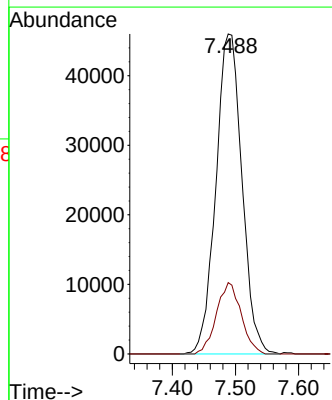
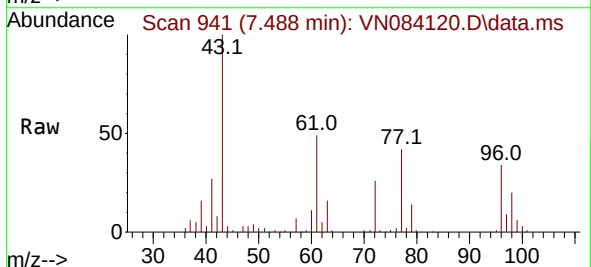
Manual Integrations
APPROVED

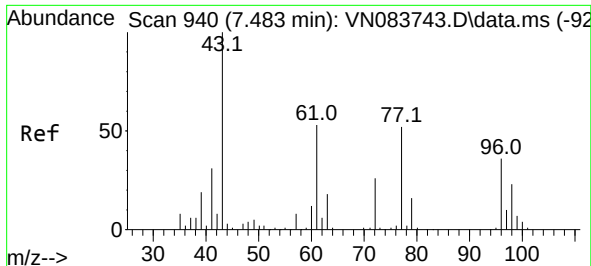
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#26
2,2-Dichloropropane
Concen: 44.724 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

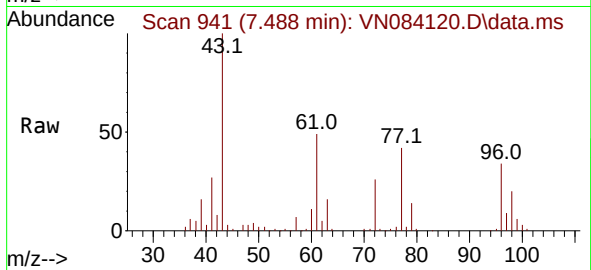
Tgt Ion: 77 Resp: 131822
Ion Ratio Lower Upper
77 100
97 21.1 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 49.320 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN084120.D
 Acq: 23 Sep 2024 19:29

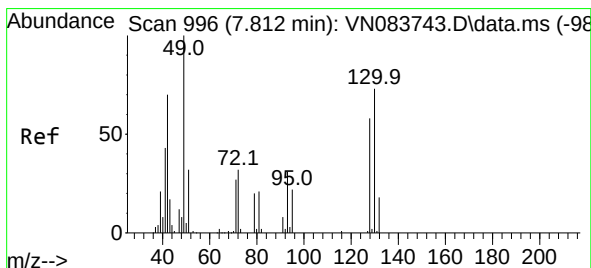
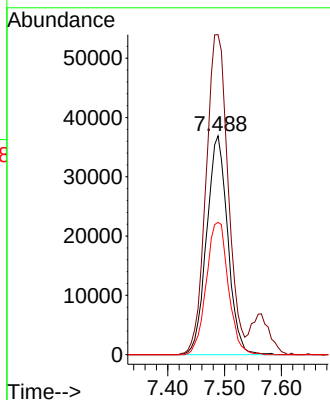
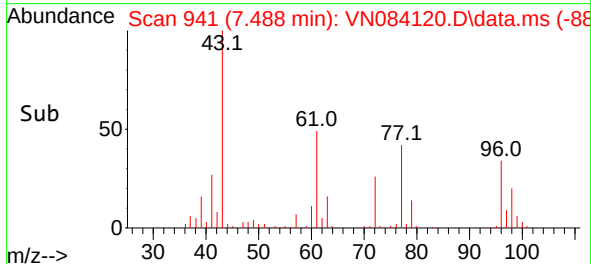
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 95030
 Ion Ratio Lower Upper
 96 100
 61 153.1 0.0 306.2
 98 63.2 0.0 128.6

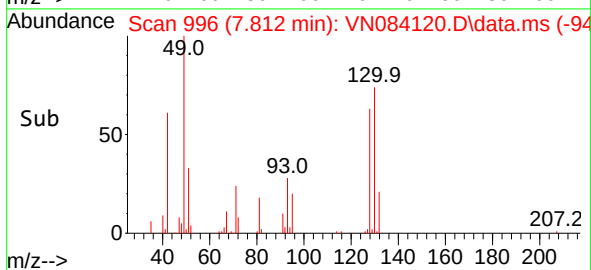
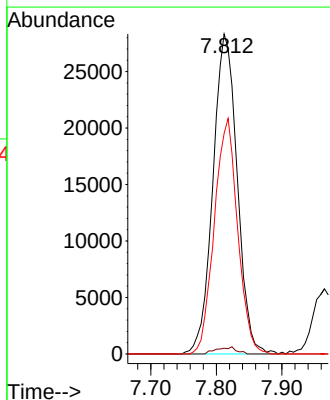
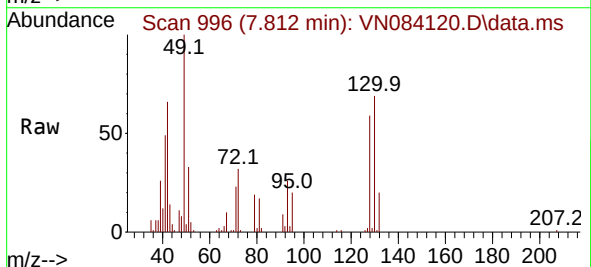
Manual Integrations
 APPROVED

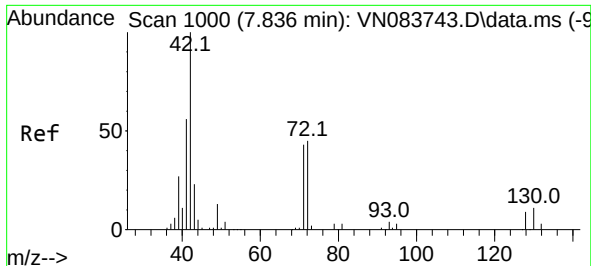
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024



#28
 Bromochloromethane
 Concen: 54.005 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN084120.D
 Acq: 23 Sep 2024 19:29

Tgt Ion: 49 Resp: 72790
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 70.6 60.2 90.2





#29

Tetrahydrofuran

Concen: 287.841 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

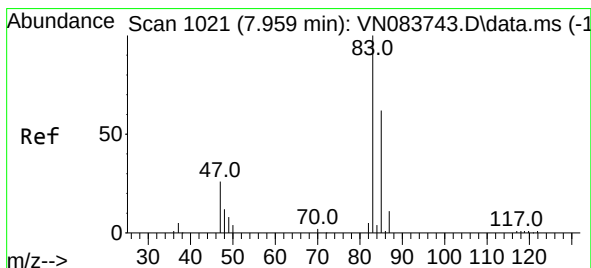
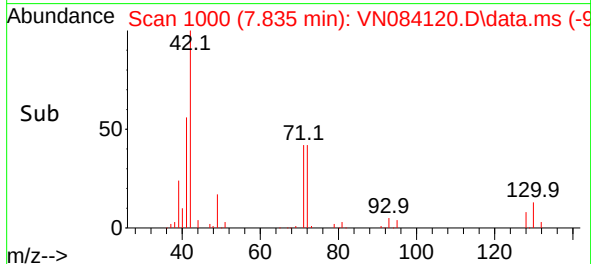
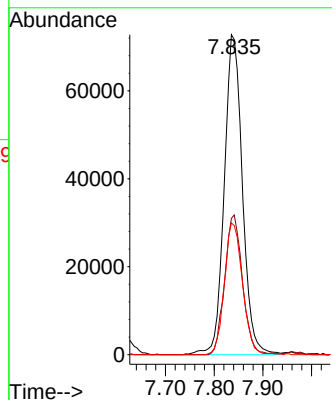
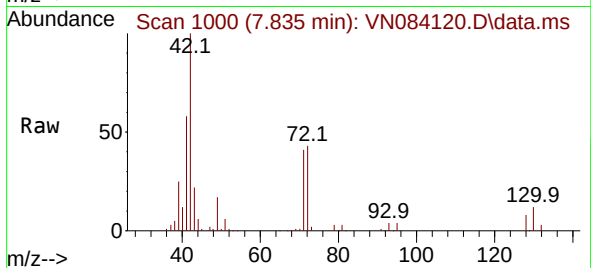
Tgt Ion:	42	Resp:	18934
Ion	Ratio	Lower	Upper
42	100		
72	42.7	35.9	53.9
71	40.8	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#30

Chloroform

Concen: 48.961 ug/l

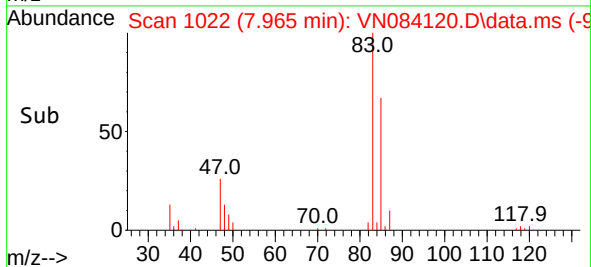
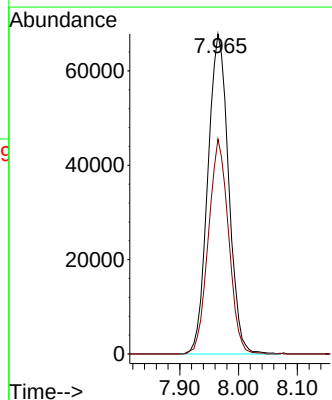
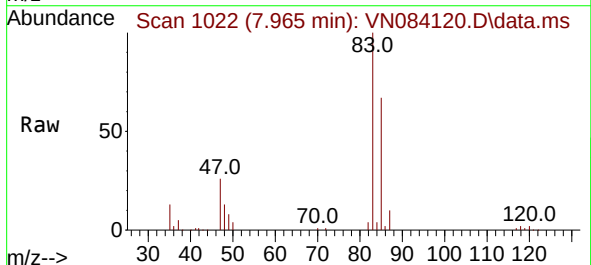
RT: 7.965 min Scan# 1022

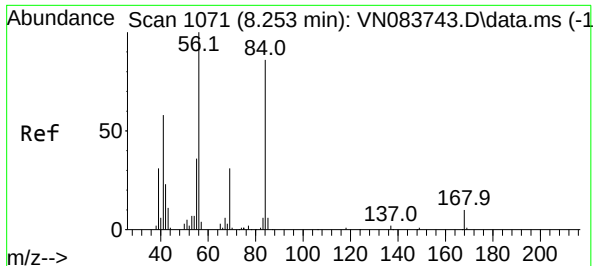
Delta R.T. 0.006 min

Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

Tgt Ion:	83	Resp:	166362
Ion	Ratio	Lower	Upper
83	100		
85	67.2	52.8	79.2





#31

Cyclohexane

Concen: 40.169 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 122580

Ion Ratio Lower Upper

56 100

69 30.3 26.9 40.3

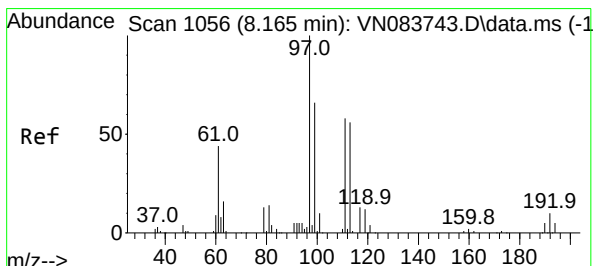
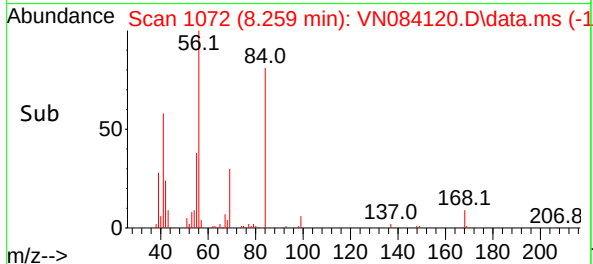
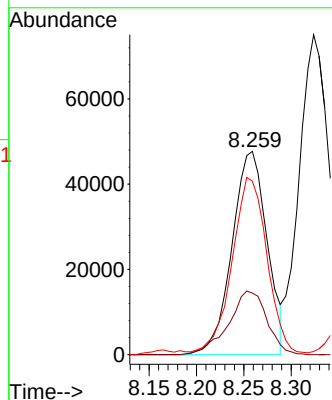
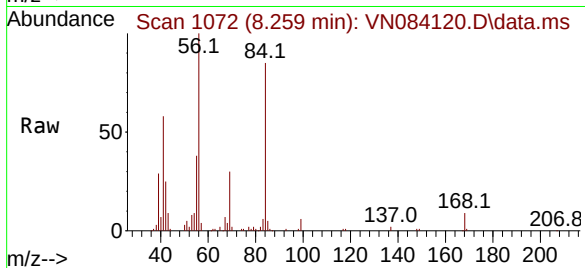
84 83.3 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#32

1,1,1-Trichloroethane

Concen: 46.943 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

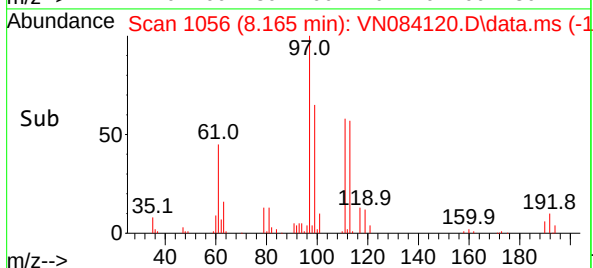
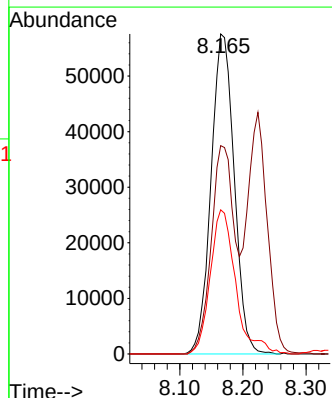
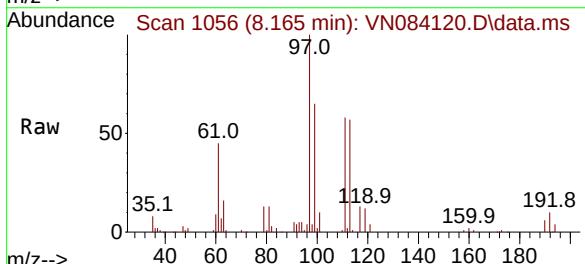
Tgt Ion: 97 Resp: 146666

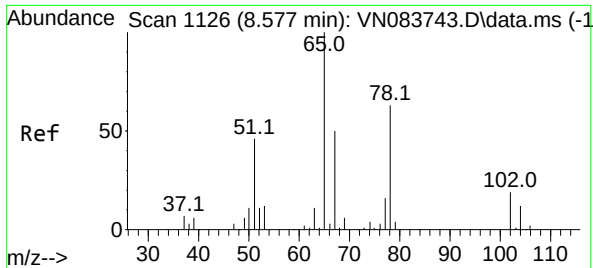
Ion Ratio Lower Upper

97 100

99 64.6 52.3 78.5

61 49.4 38.2 57.2





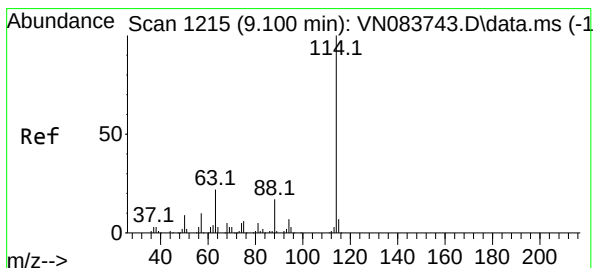
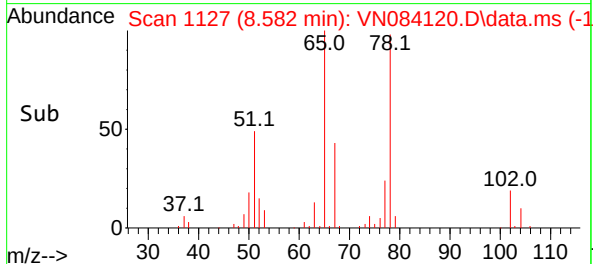
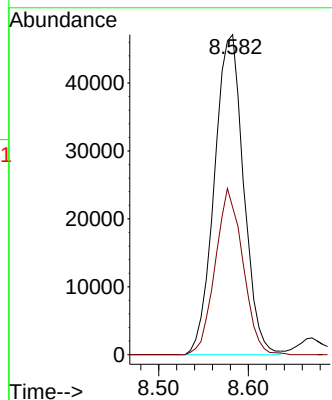
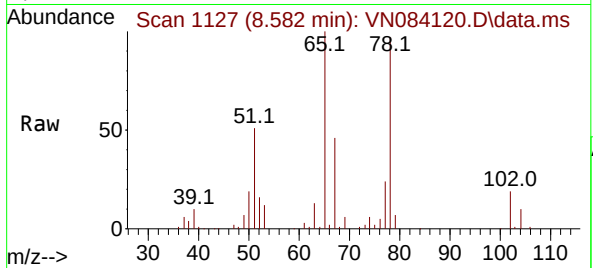
#33
1,2-Dichloroethane-d4
Concen: 50.480 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 106584
Ion Ratio Lower Upper
65 100
67 49.2 0.0 100.8

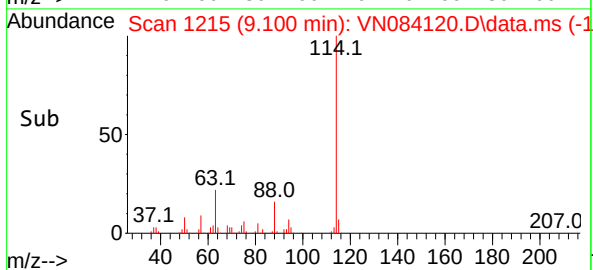
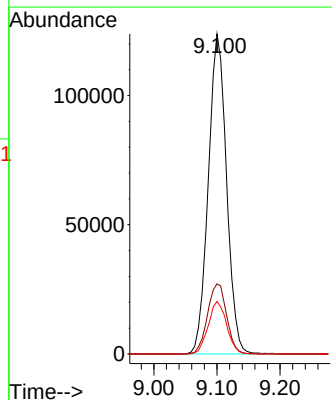
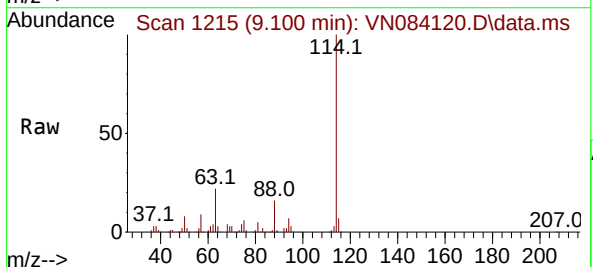
Manual Integrations
APPROVED

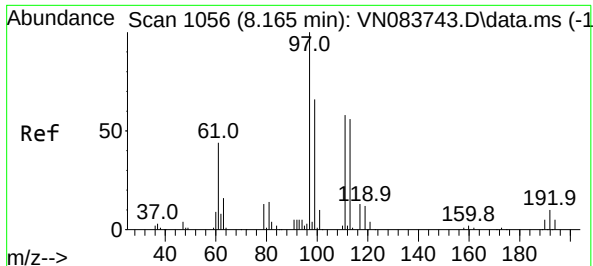
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Tgt Ion:114 Resp: 248524
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.4
88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.238 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 78338

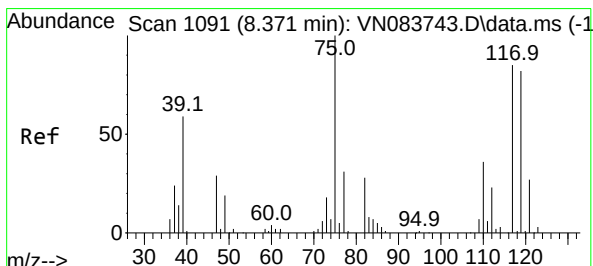
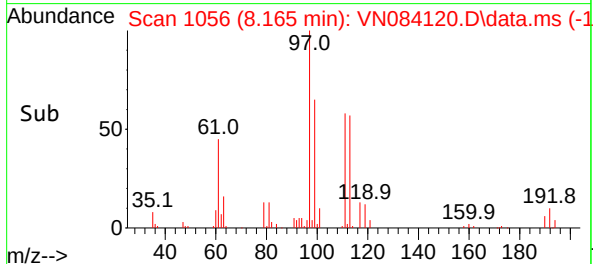
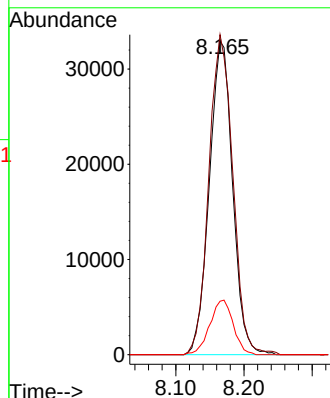
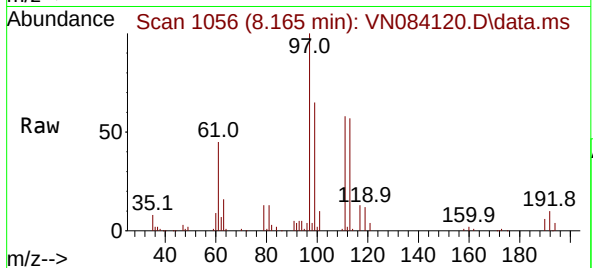
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.6	124.0
192	17.5	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#36

1,1-Dichloropropene

Concen: 44.804 ug/l

RT: 8.371 min Scan# 1091

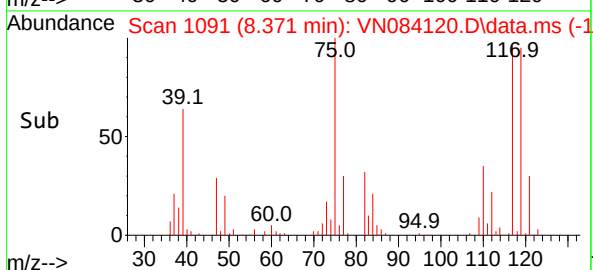
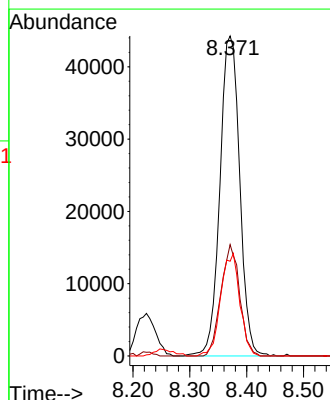
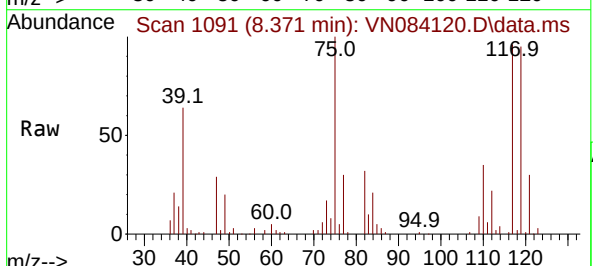
Delta R.T. -0.000 min

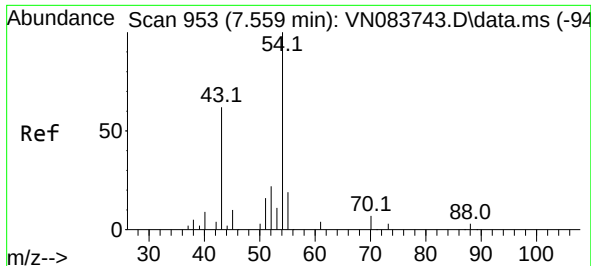
Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

Tgt Ion: 75 Resp: 107293

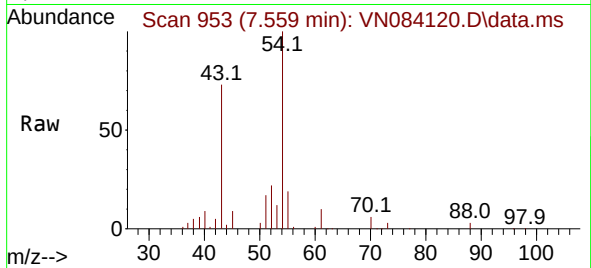
Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.7	50.1
77	31.1	25.2	37.8





#37
Ethyl Acetate
Concen: 56.119 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

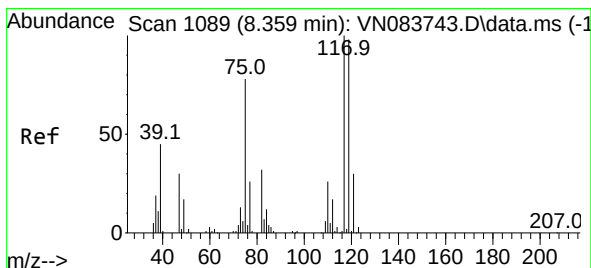
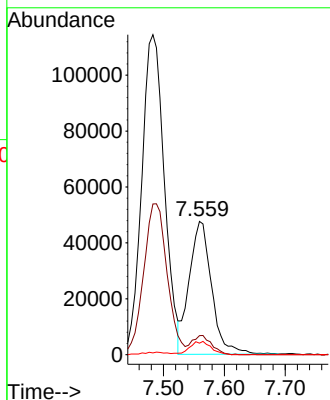
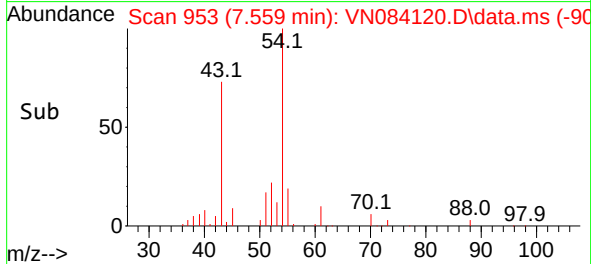
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 121984
Ion Ratio Lower Upper
43 100
61 12.9 11.1 16.7
70 9.4 8.8 13.2

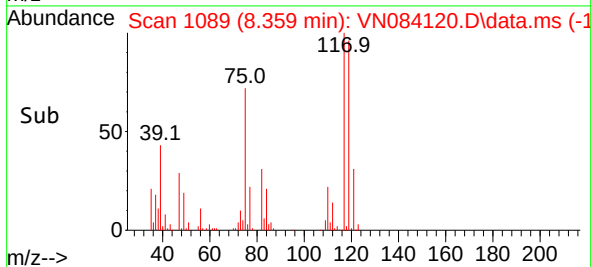
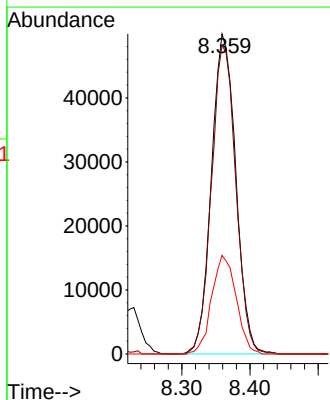
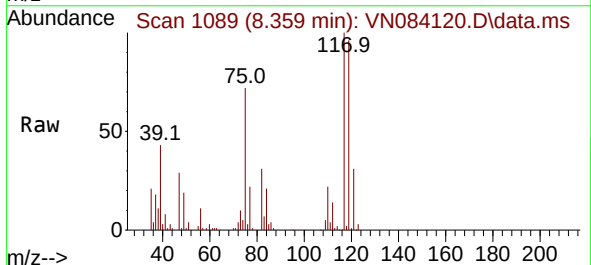
Manual Integrations
APPROVED

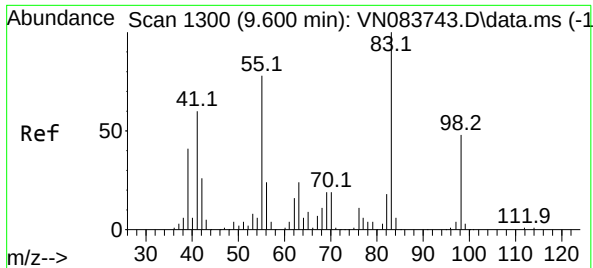
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#38
Carbon Tetrachloride
Concen: 45.777 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Tgt Ion:117 Resp: 124367
Ion Ratio Lower Upper
117 100
119 96.4 76.1 114.1
121 30.8 24.1 36.1





#39
Methylcyclohexane
Concen: 41.336 ug/l
RT: 9.600 min Scan# 11267
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

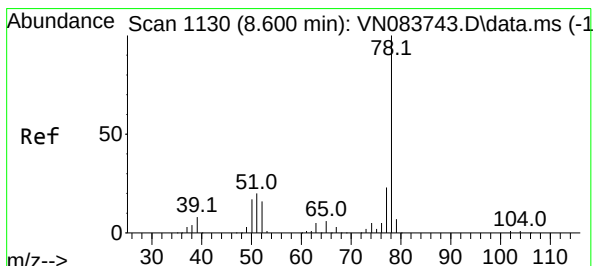
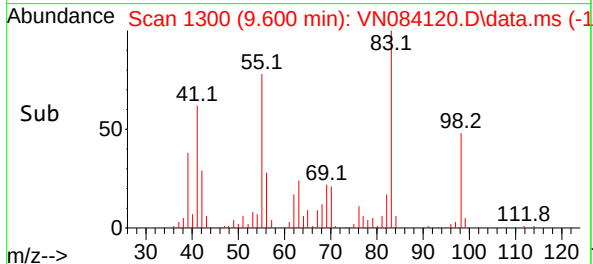
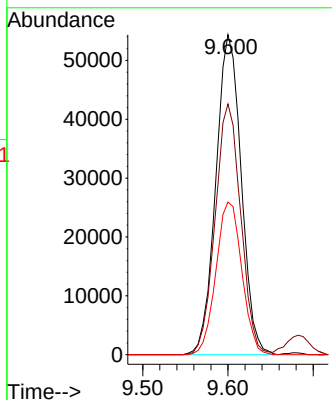
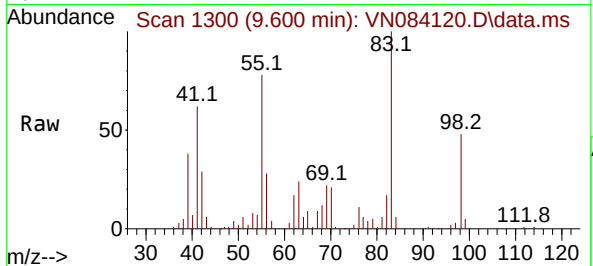
Tgt Ion: 83 Resp: 11267
Ion Ratio Lower Upper
83 100
55 78.4 62.2 93.4
98 47.7 37.6 56.4

Manual Integrations

APPROVED

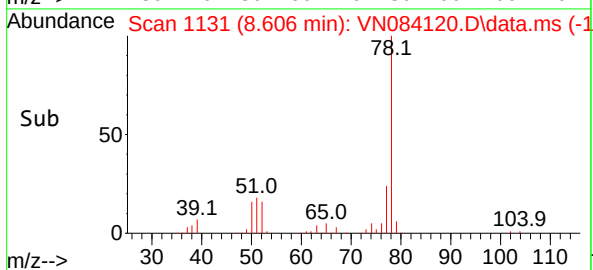
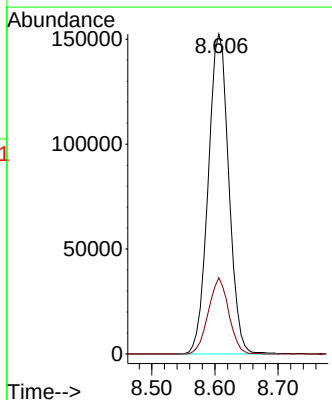
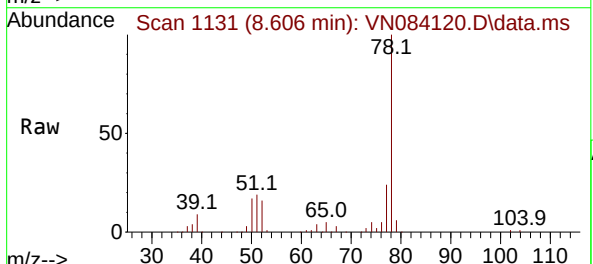
Reviewed By :John Carlone 09/24/2024

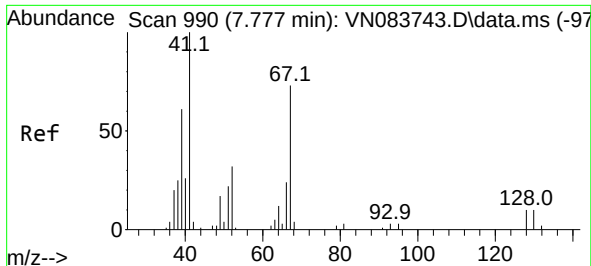
Supervised By :Mahesh Dadoda 09/24/2024



#40
Benzene
Concen: 47.913 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

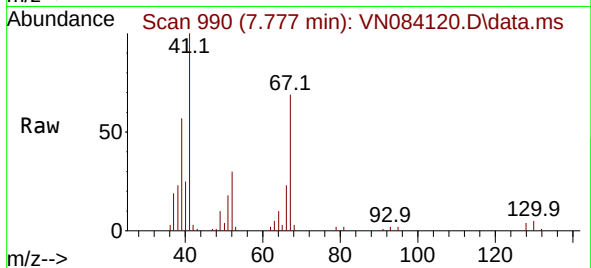
Tgt Ion: 78 Resp: 345346
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 53.417 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

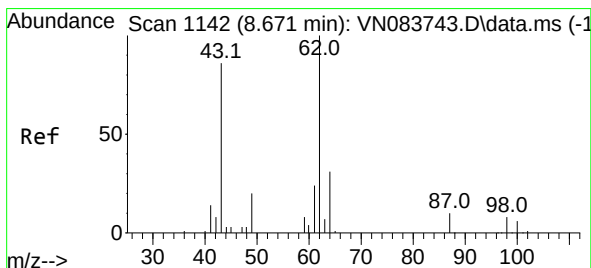
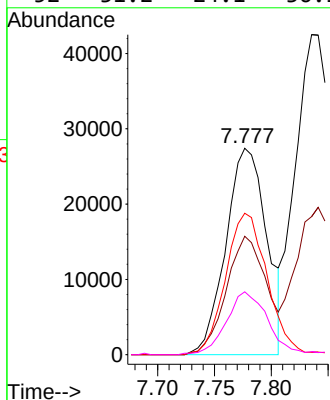
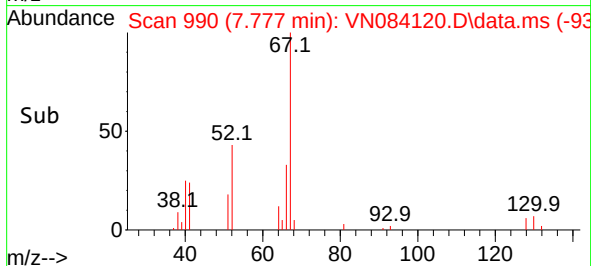
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 68675
Ion Ratio Lower Upper
41 100
39 56.3 45.4 68.2
67 70.0 55.9 83.9
52 31.2 24.1 36.1

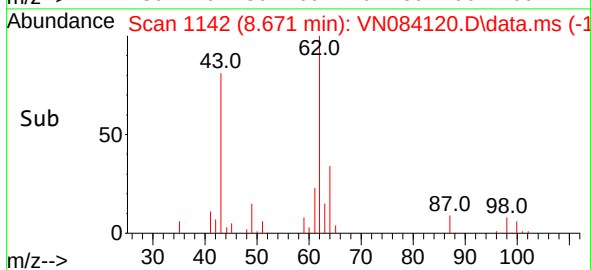
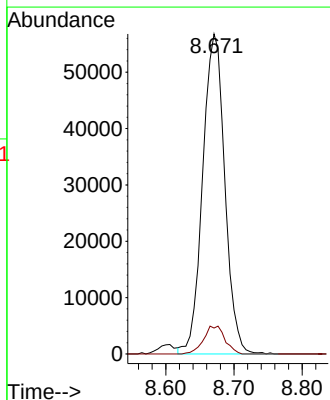
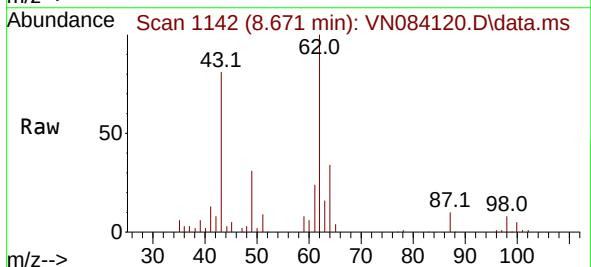
Manual Integrations
APPROVED

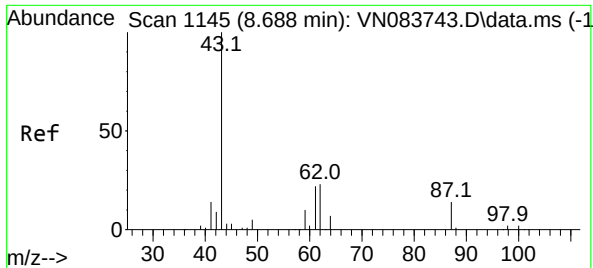
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#42
1,2-Dichloroethane
Concen: 47.675 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Tgt Ion: 62 Resp: 128404
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.6





#43

Isopropyl Acetate

Concen: 53.773 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

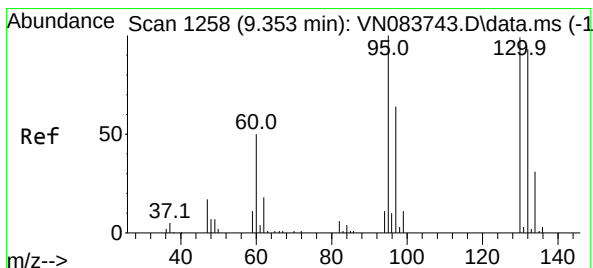
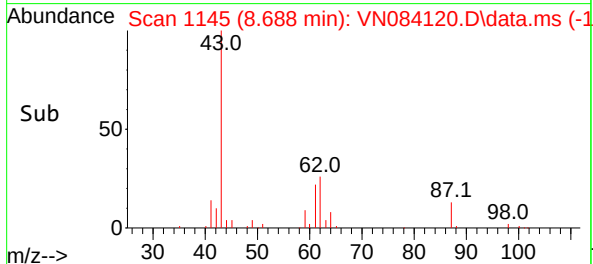
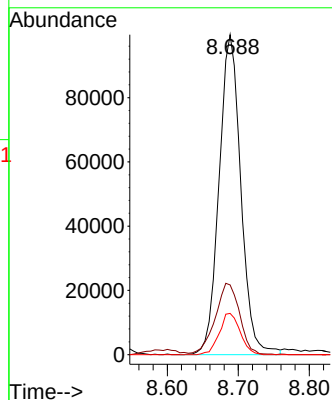
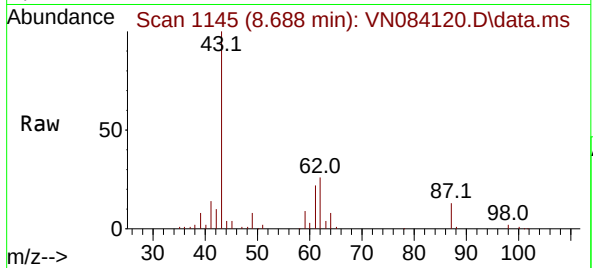
Tgt Ion:	43	Resp:	21181
Ion Ratio	Lower	Upper	
43	100		
61	25.0	19.4	29.0
87	12.4	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#44

Trichloroethene

Concen: 46.760 ug/l

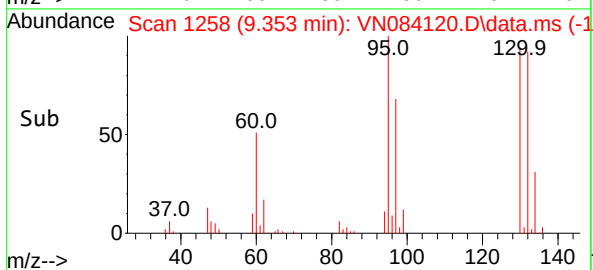
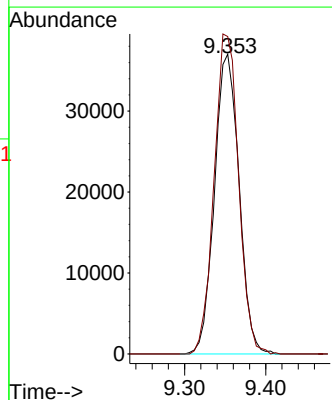
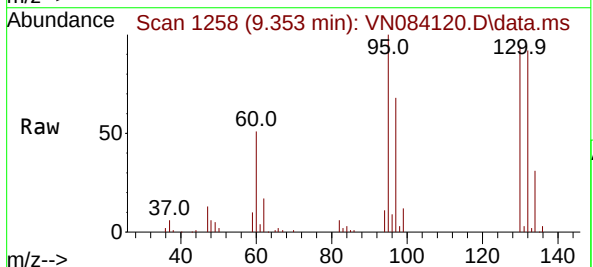
RT: 9.353 min Scan# 1258

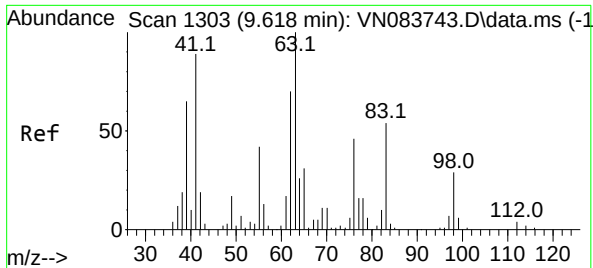
Delta R.T. -0.000 min

Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

Tgt Ion:	130	Resp:	78048
Ion Ratio	Lower	Upper	
130	100		
95	105.9	0.0	200.4





#45

1,2-Dichloropropane

Concen: 49.637 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 86472

Ion Ratio Lower Upper

63 100

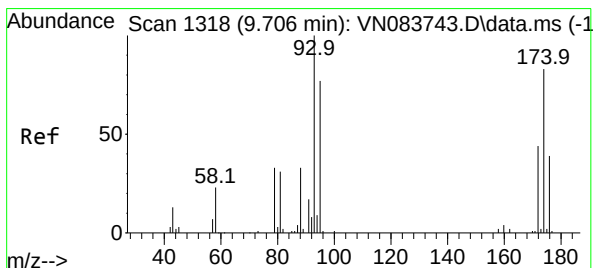
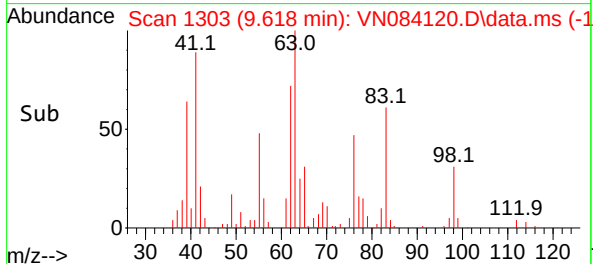
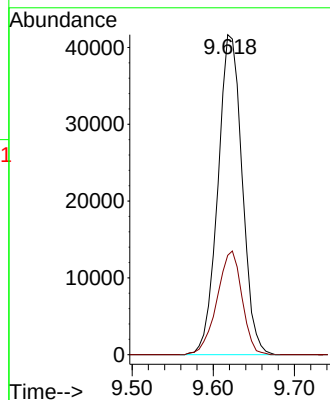
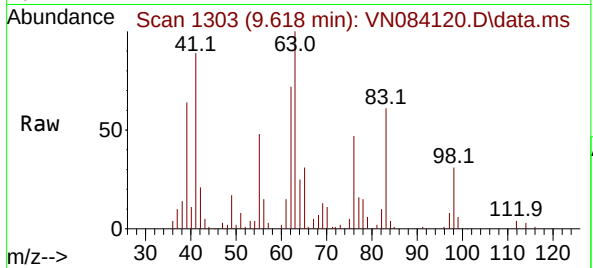
65 31.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#46

Dibromomethane

Concen: 50.337 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

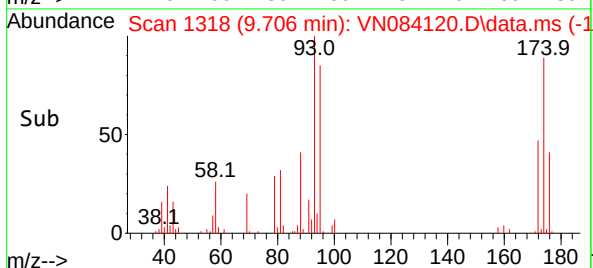
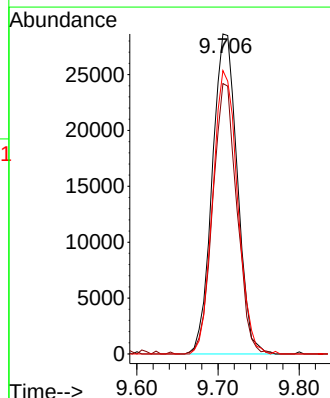
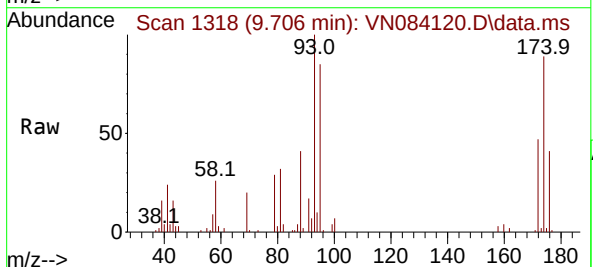
Tgt Ion: 93 Resp: 61422

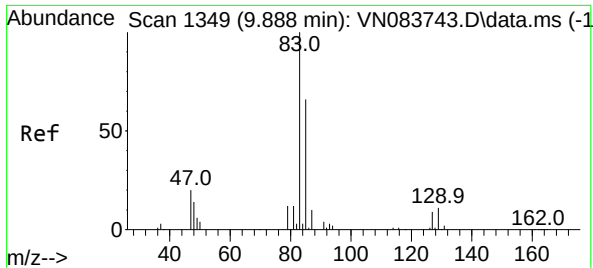
Ion Ratio Lower Upper

93 100

95 81.3 65.3 97.9

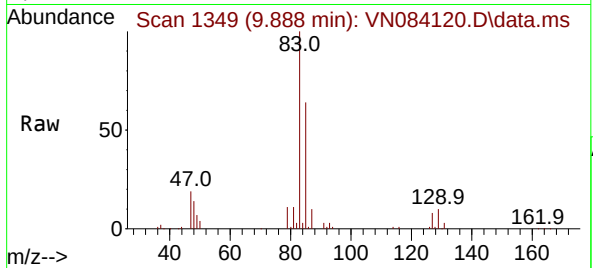
174 87.6 71.0 106.4





#47
Bromodichloromethane
Concen: 51.862 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

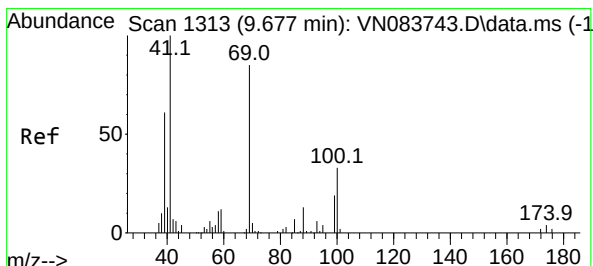
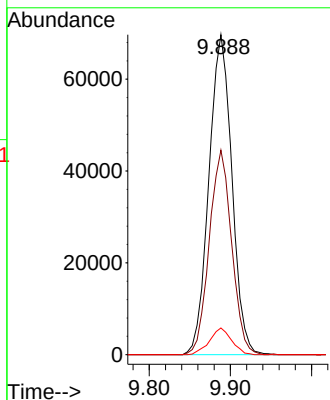
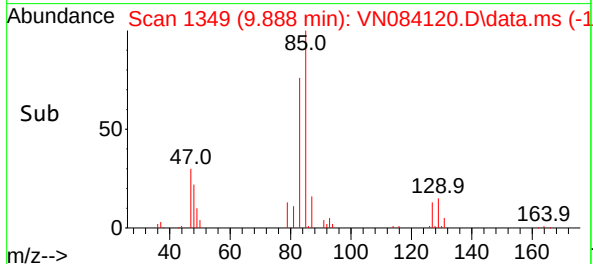
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 13695
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8
127 8.3 6.6 9.8

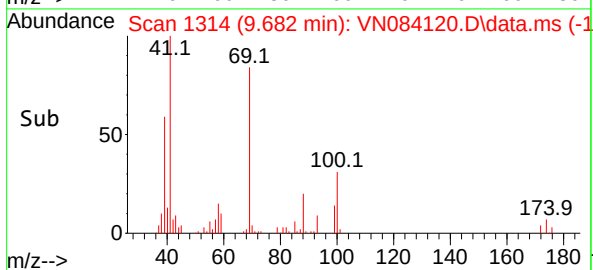
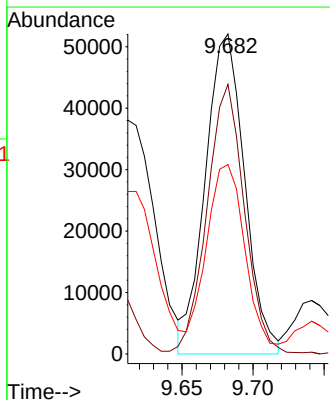
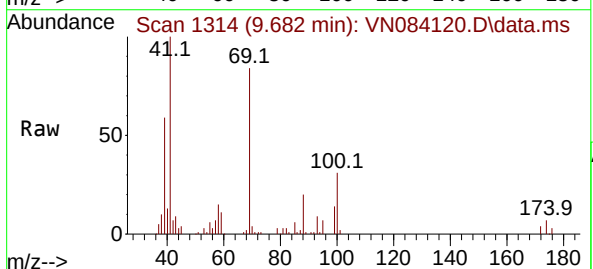
Manual Integrations
APPROVED

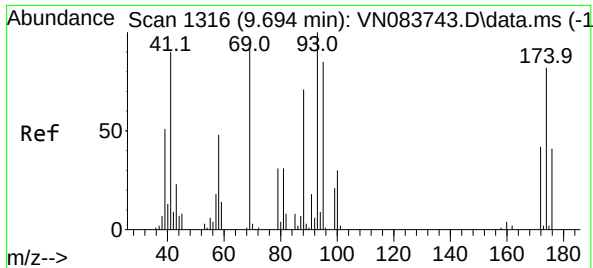
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#48
Methyl methacrylate
Concen: 53.594 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Tgt Ion: 41 Resp: 100158
Ion Ratio Lower Upper
41 100
69 80.5 64.3 96.5
39 58.6 48.9 73.3





#49

1,4-Dioxane

Concen: 1111.201 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3416

Ion Ratio Lower Upper

88 100

43 32.8 0.0 0.0

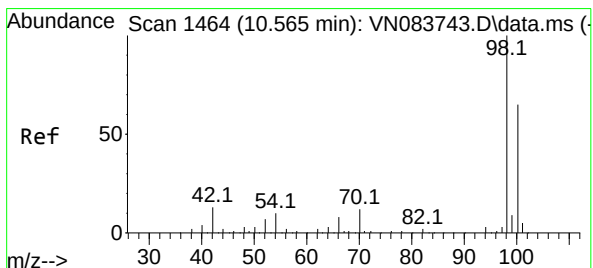
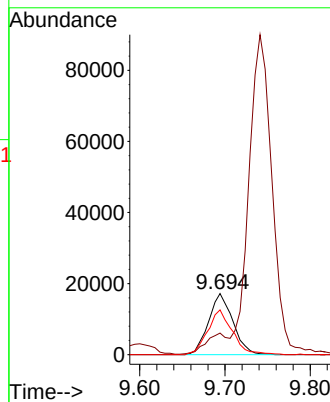
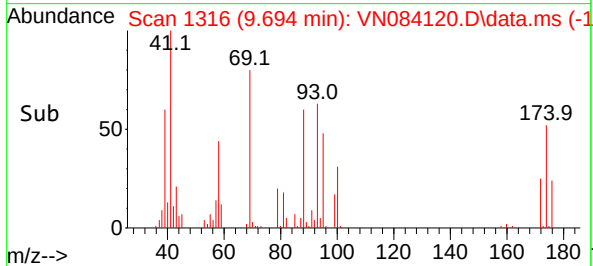
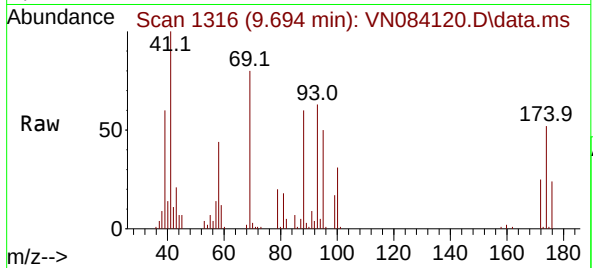
58 74.9 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#50

Toluene-d8

Concen: 51.072 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084120.D

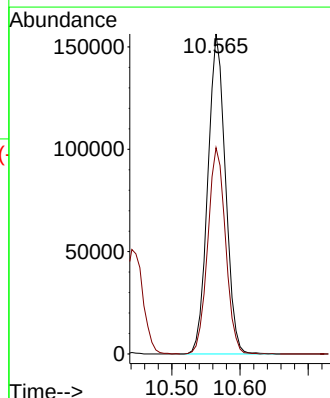
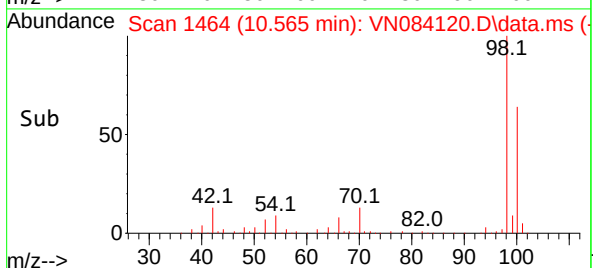
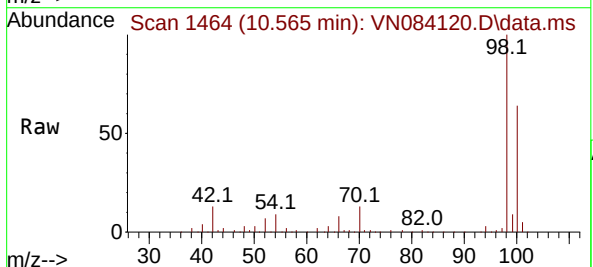
Acq: 23 Sep 2024 19:29

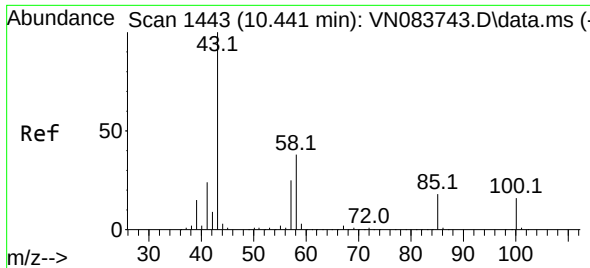
Tgt Ion: 98 Resp: 280910

Ion Ratio Lower Upper

98 100

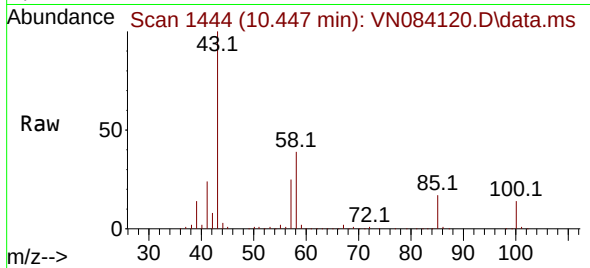
100 65.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 290.819 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

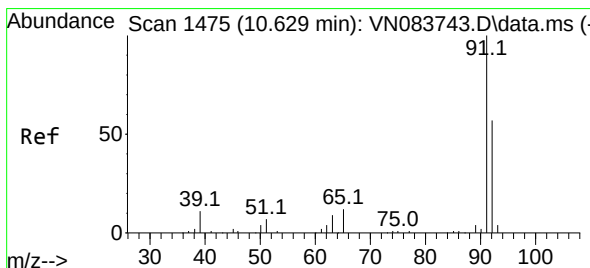
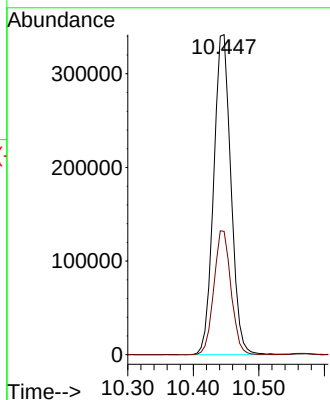
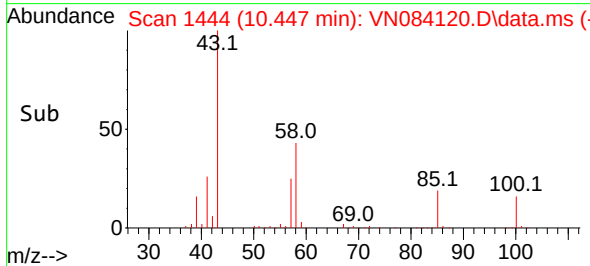
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 623570
Ion Ratio Lower Upper
43 100
58 38.5 31.6 47.4

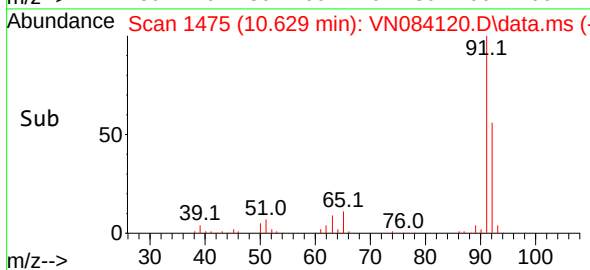
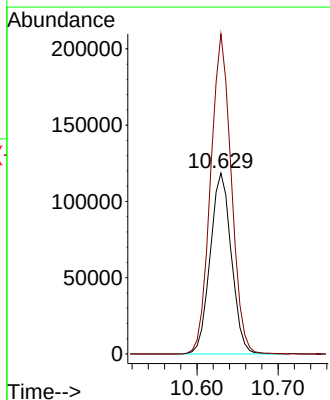
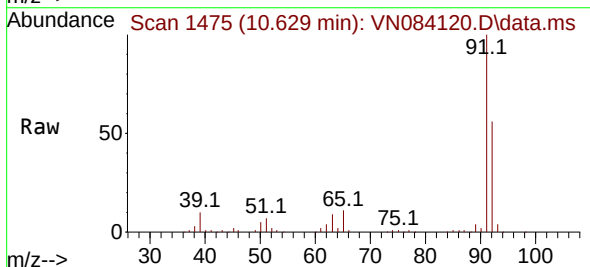
Manual Integrations
APPROVED

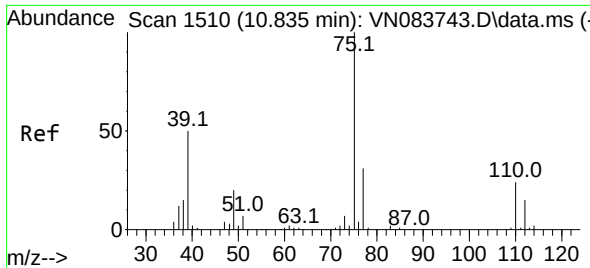
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#52
Toluene
Concen: 48.657 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

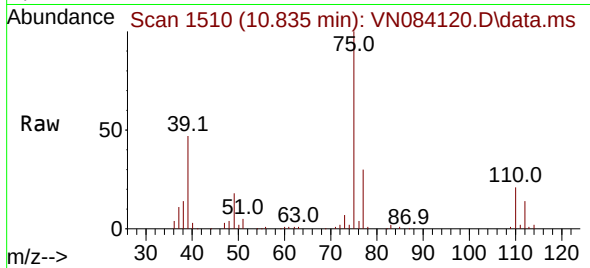
Tgt Ion: 92 Resp: 214518
Ion Ratio Lower Upper
92 100
91 173.3 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 50.816 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

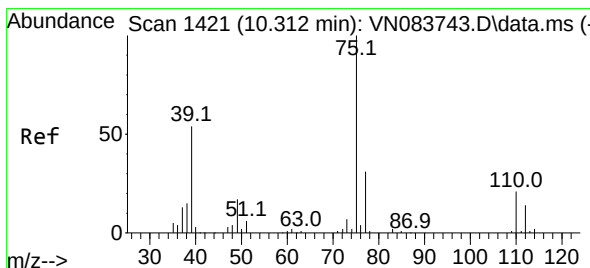
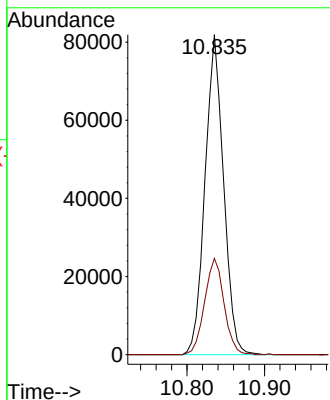
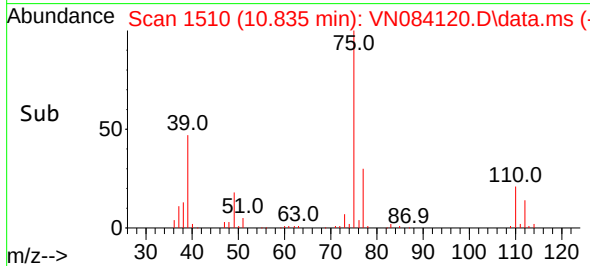
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



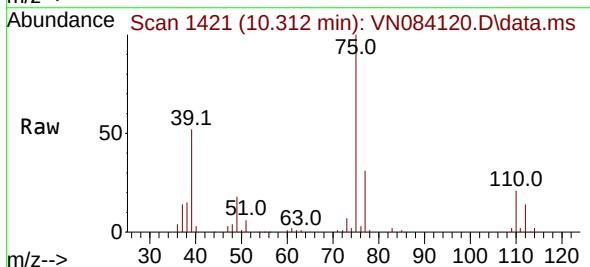
Tgt Ion: 75 Resp: 13602
Ion Ratio Lower Upper
75 100
77 30.1 25.8 38.6

Manual Integrations
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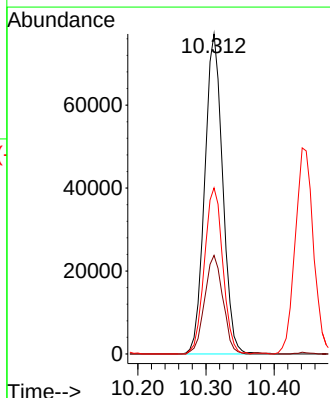
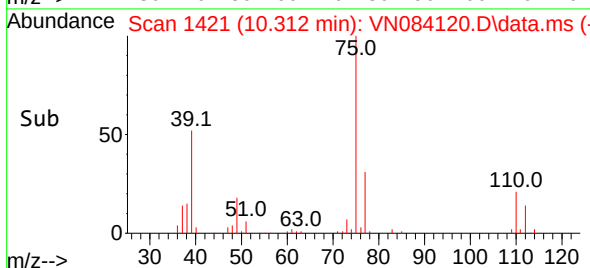
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

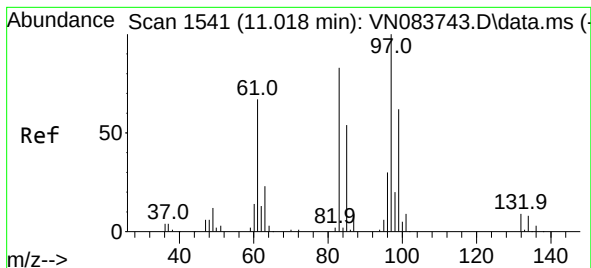


#54
cis-1,3-Dichloropropene
Concen: 50.256 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29



Tgt Ion: 75 Resp: 141306
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6
39 51.9 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 50.893 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

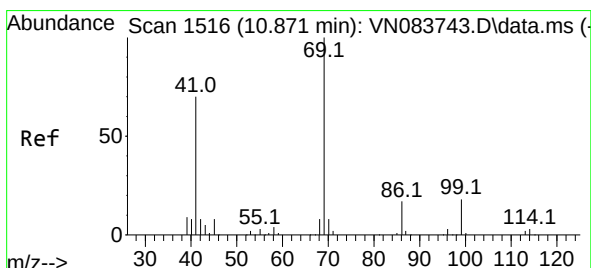
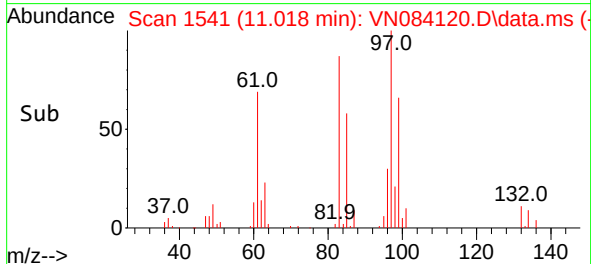
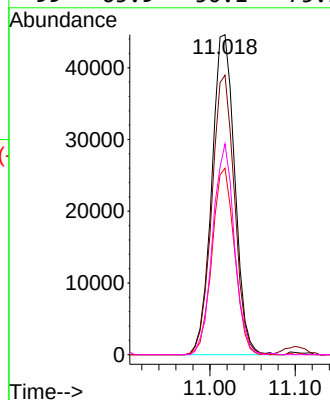
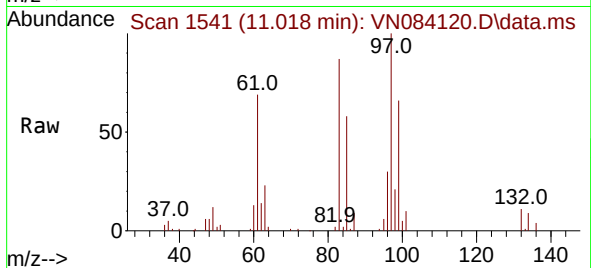
Tgt Ion:	97	Resp:	8376
Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.5	101.3
85	58.3	44.2	66.2
99	65.9	50.1	75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#56

Ethyl methacrylate

Concen: 55.474 ug/l

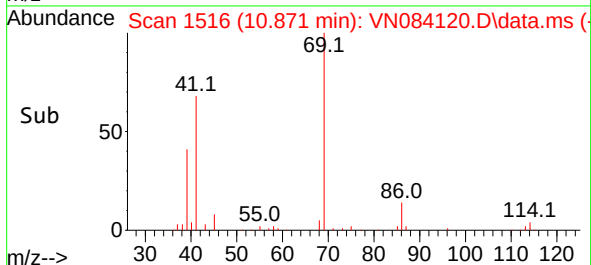
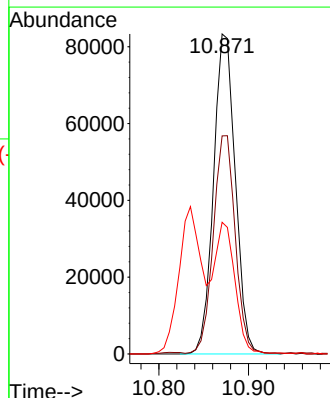
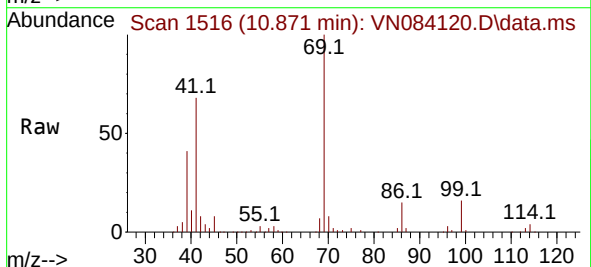
RT: 10.871 min Scan# 1516

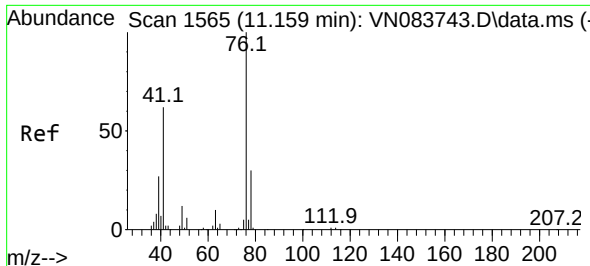
Delta R.T. -0.000 min

Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

Tgt Ion:	69	Resp:	140480
Ion	Ratio	Lower	Upper
69	100		
41	68.3	53.9	80.9
39	39.8	32.6	48.8





#57

1,3-Dichloropropane

Concen: 51.490 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 145650

Ion Ratio Lower Upper

76 100

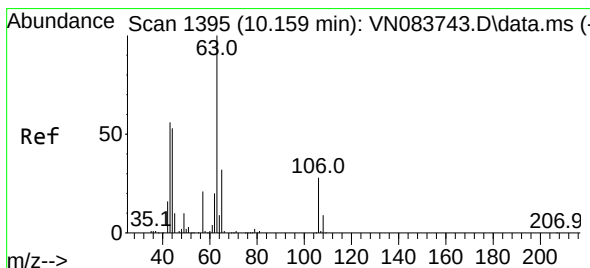
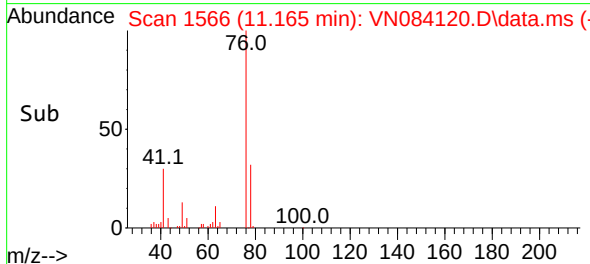
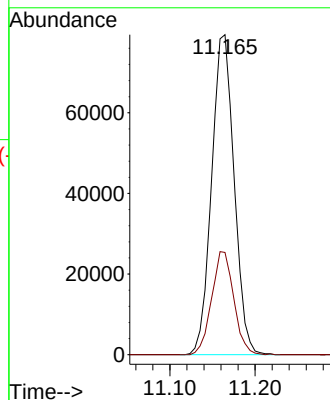
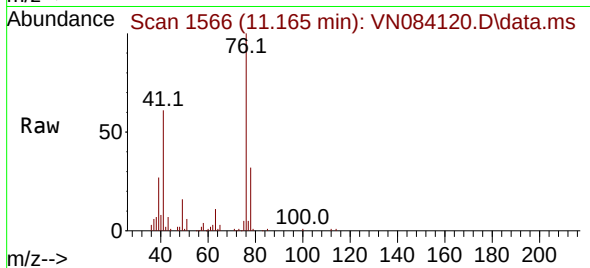
78 31.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#58

2-Chloroethyl Vinyl ether

Concen: 353.473 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084120.D

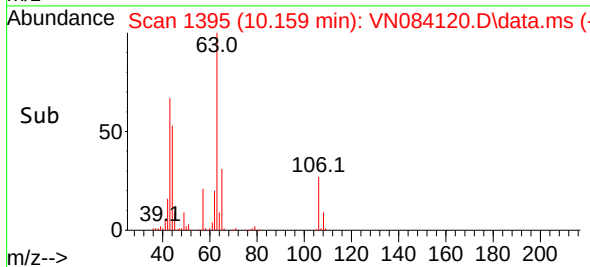
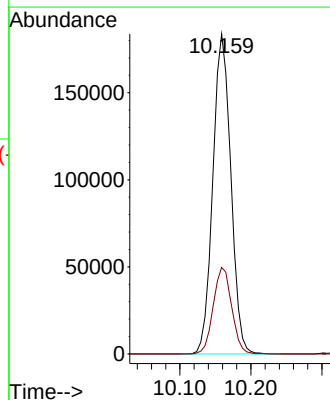
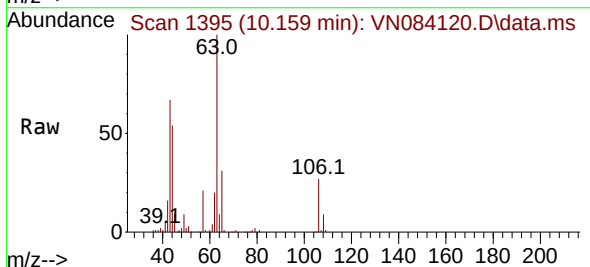
Acq: 23 Sep 2024 19:29

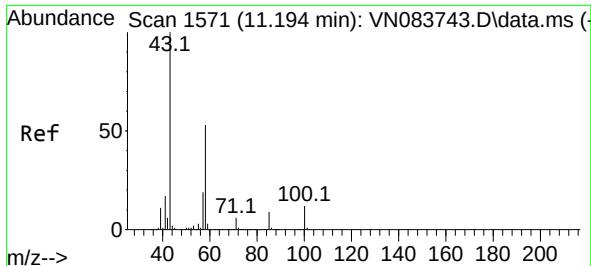
Tgt Ion: 63 Resp: 322529

Ion Ratio Lower Upper

63 100

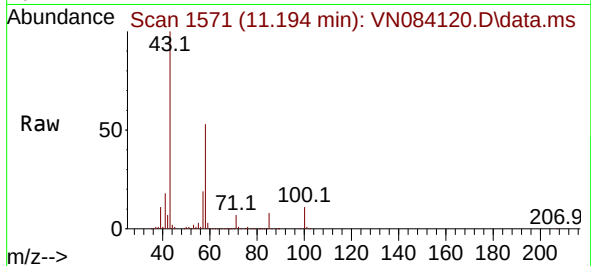
106 27.6 23.3 34.9





#59
2-Hexanone
Concen: 287.911 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

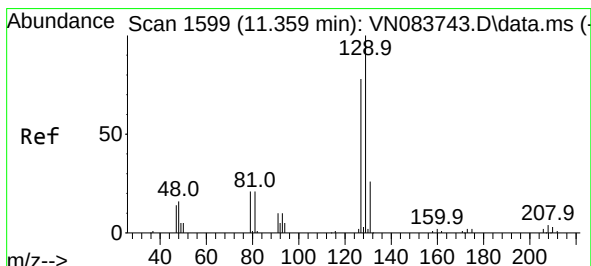
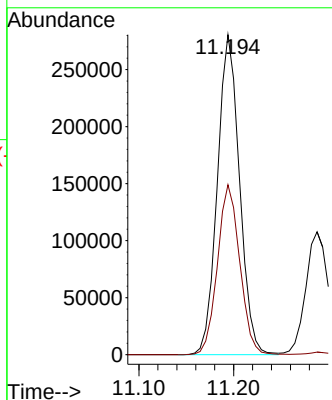
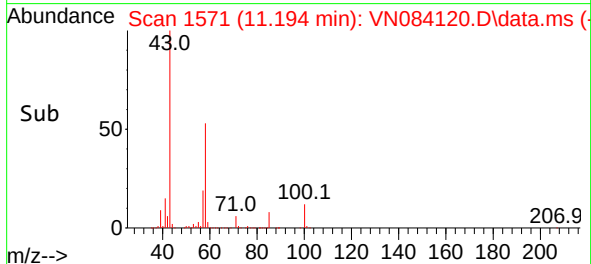
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 456662
Ion Ratio Lower Upper
43 100
58 53.5 27.2 81.5

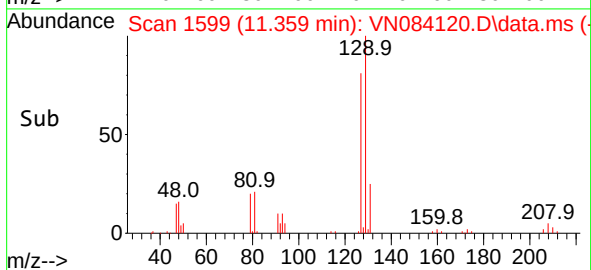
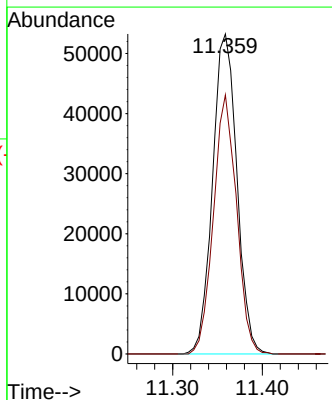
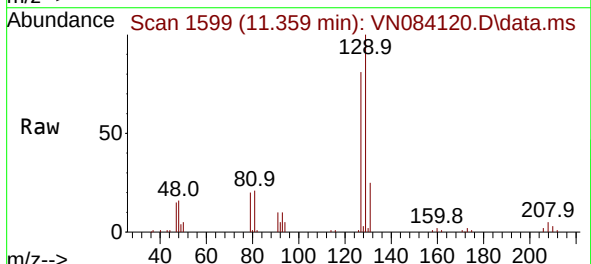
Manual Integrations
APPROVED

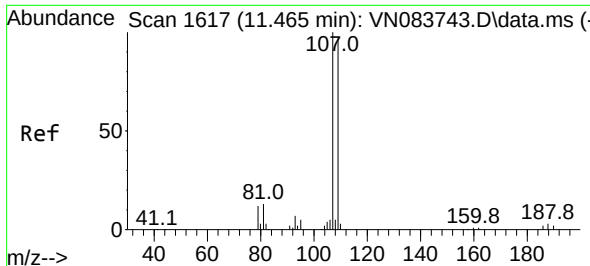
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#60
Dibromochloromethane
Concen: 54.436 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Tgt Ion:129 Resp: 100273
Ion Ratio Lower Upper
129 100
127 76.7 39.0 116.9





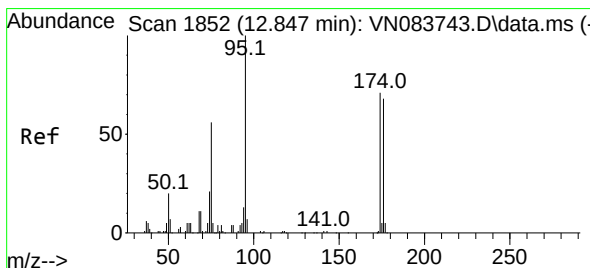
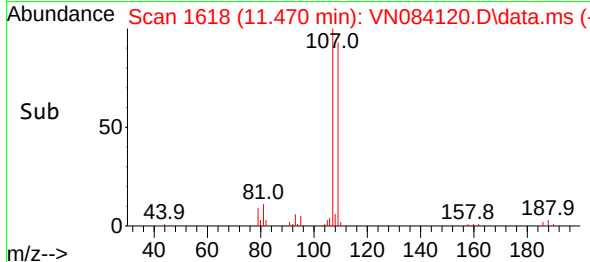
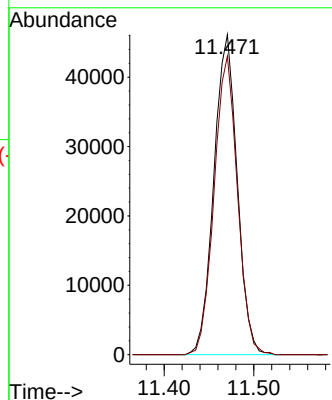
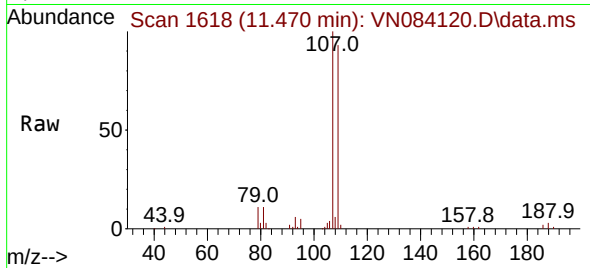
#61
1,2-Dibromoethane
Concen: 50.740 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 83289
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4

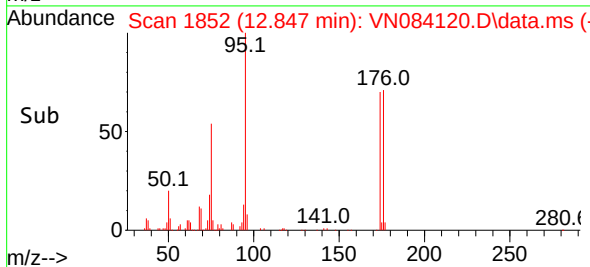
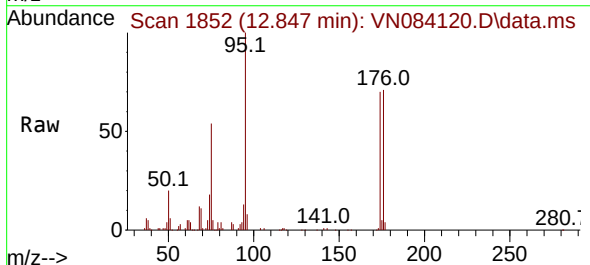
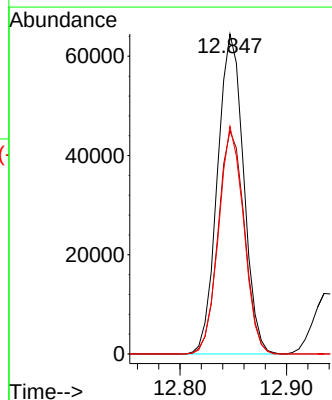
Manual Integrations
APPROVED

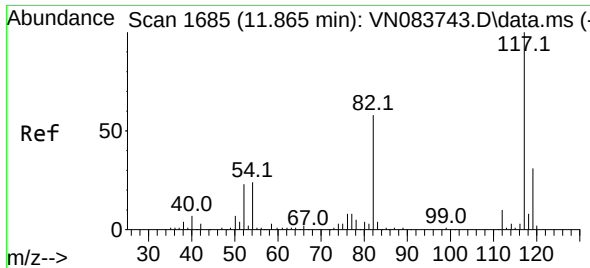
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#62
4-Bromofluorobenzene
Concen: 48.370 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

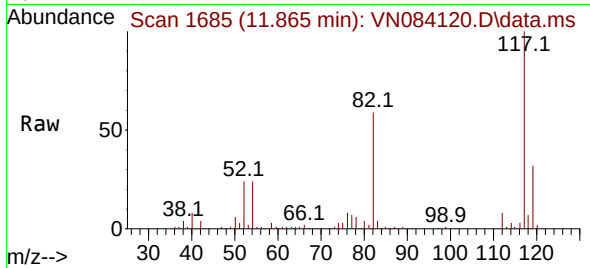
Tgt Ion: 95 Resp: 109764
Ion Ratio Lower Upper
95 100
174 70.0 0.0 139.8
176 68.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

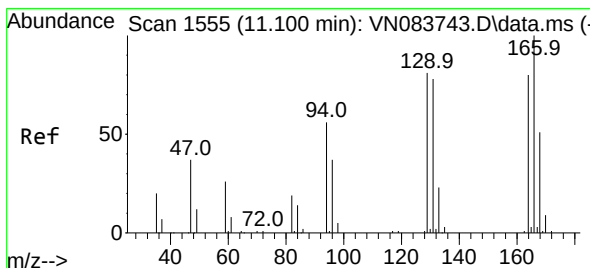
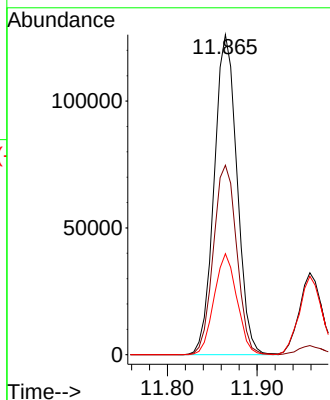
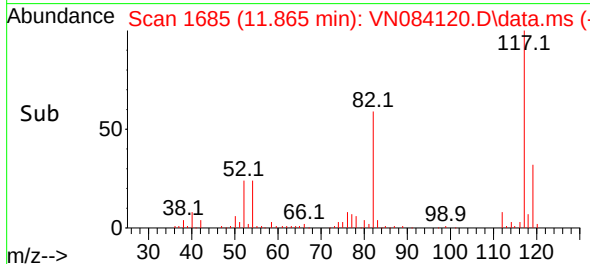
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 223028
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.0
119 31.6 26.3 39.5

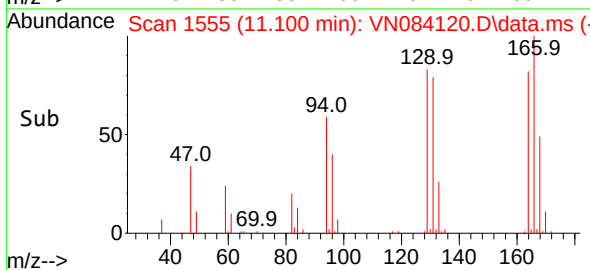
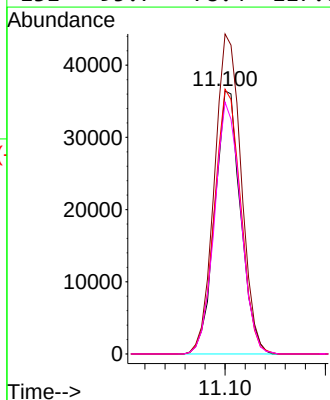
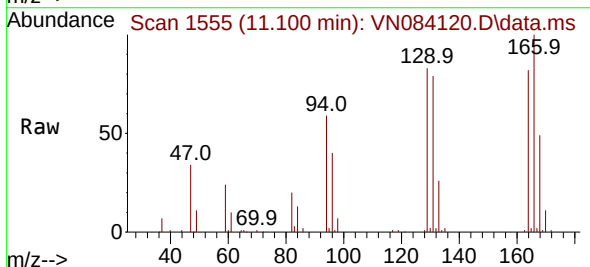
Manual Integrations
APPROVED

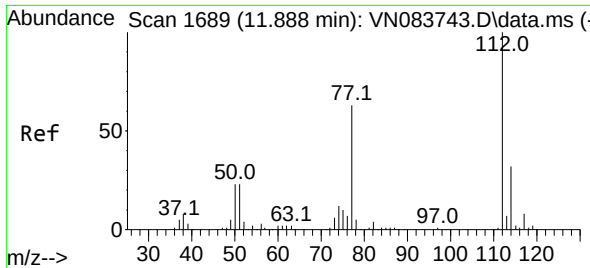
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#64
Tetrachloroethene
Concen: 43.719 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

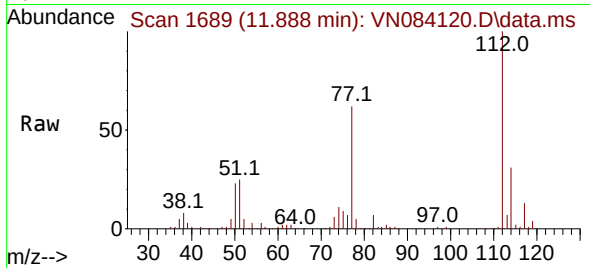
Tgt Ion:164 Resp: 64844
Ion Ratio Lower Upper
164 100
166 121.7 103.7 155.5
129 100.7 79.9 119.9
131 95.7 78.4 117.6





#65
Chlorobenzene
Concen: 46.300 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

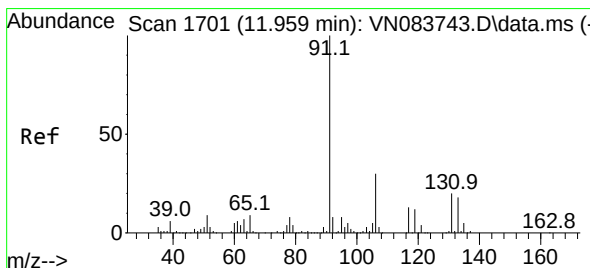
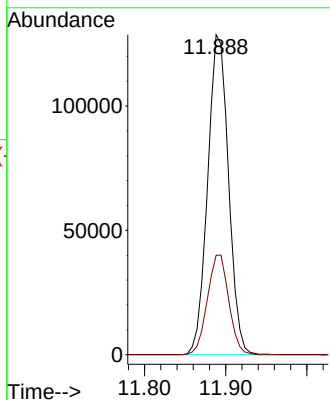
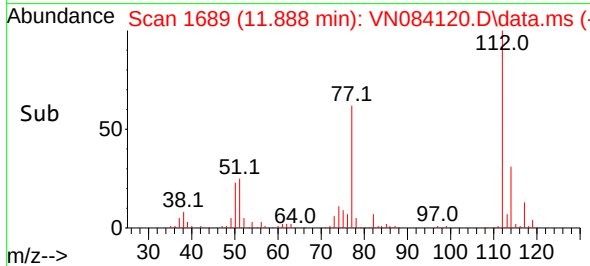
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 22950
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5

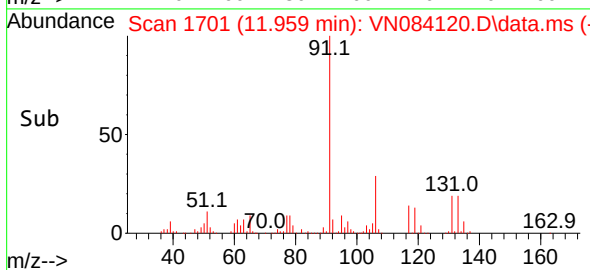
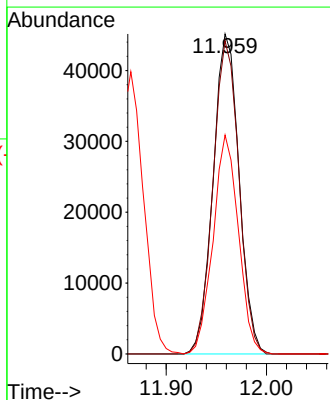
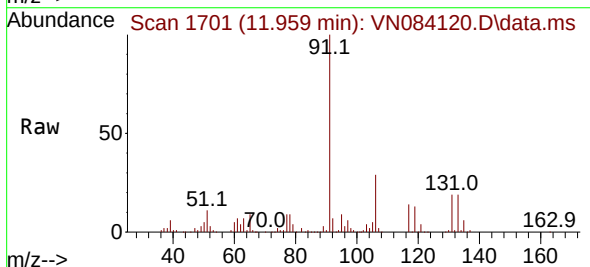
Manual Integrations
APPROVED

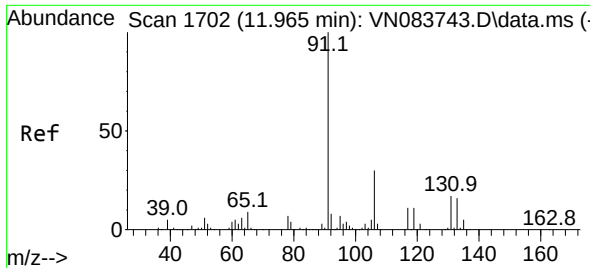
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 47.355 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

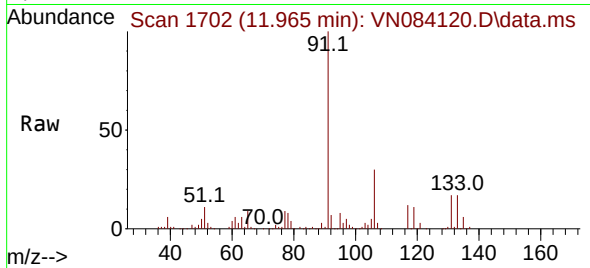
Tgt Ion:131 Resp: 81375
Ion Ratio Lower Upper
131 100
133 97.4 47.5 142.6
119 66.7 31.6 94.8





#67
Ethyl Benzene
Concen: 47.767 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

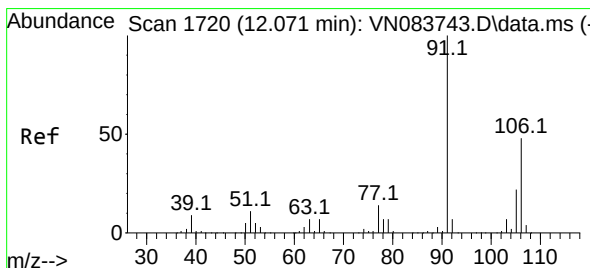
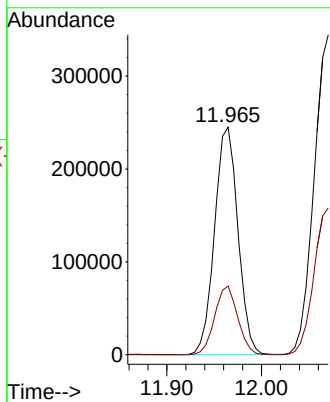
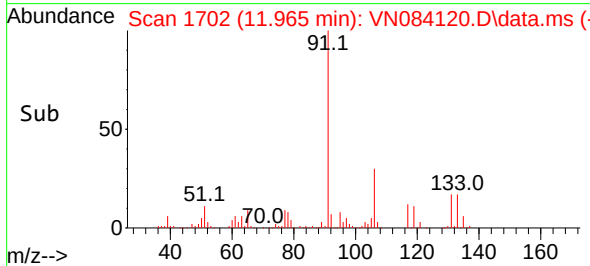
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 420620
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5

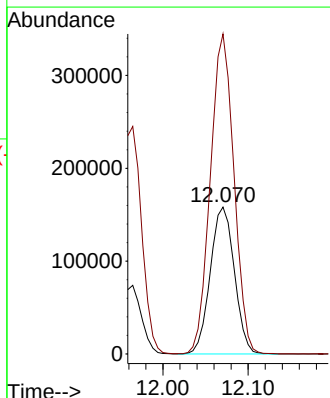
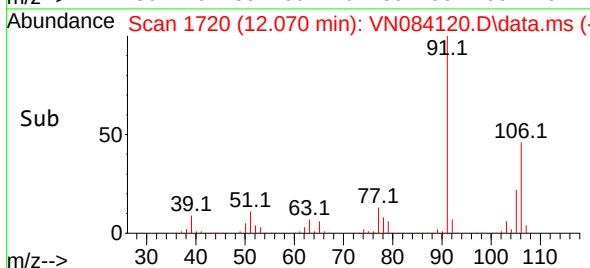
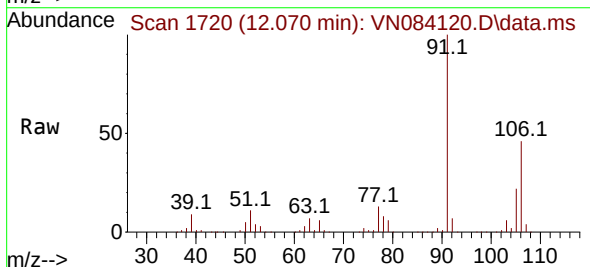
Manual Integrations
APPROVED

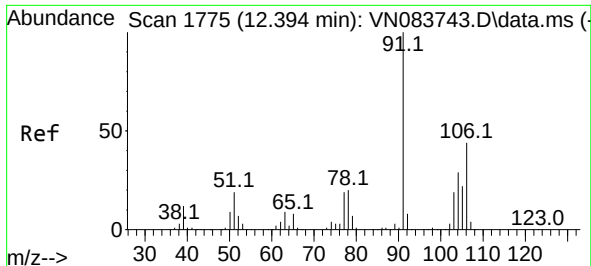
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#68
m/p-Xylenes
Concen: 95.058 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Tgt Ion:106 Resp: 310763
Ion Ratio Lower Upper
106 100
91 213.7 169.2 253.8





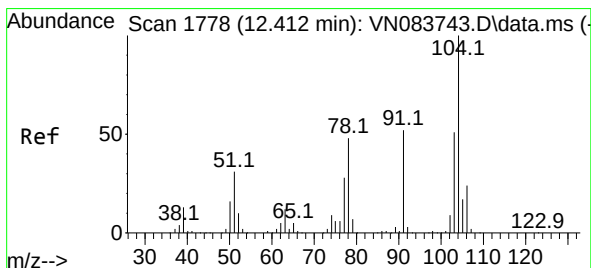
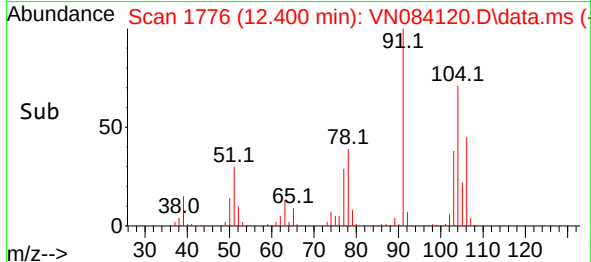
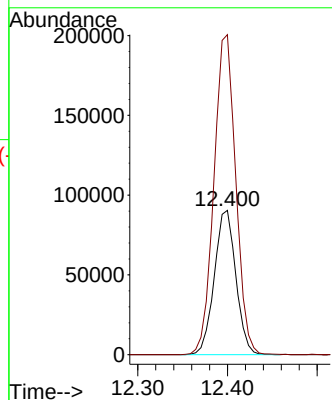
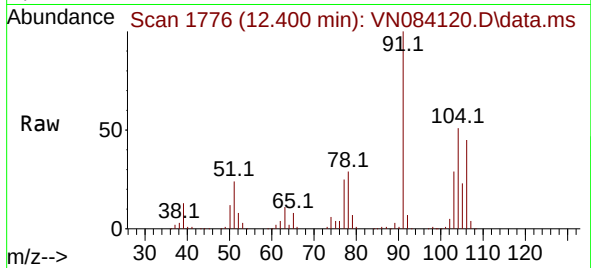
#69
o-Xylene
Concen: 47.667 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 15085
Ion Ratio Lower Upper
106 100
91 224.6 112.9 338.6

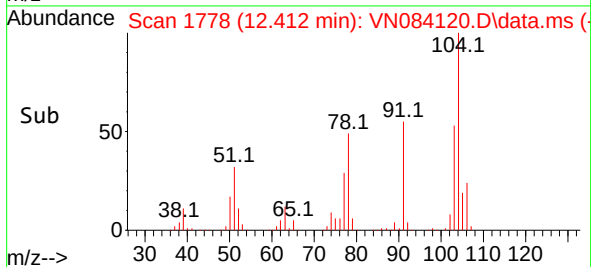
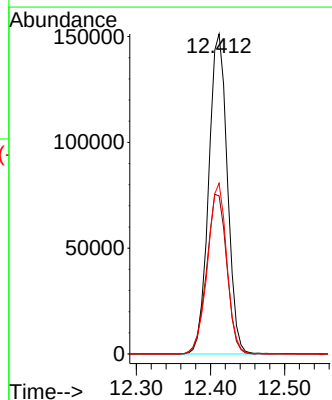
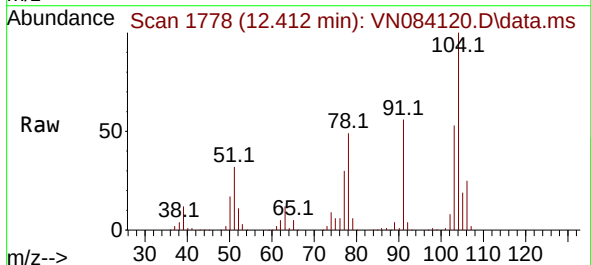
Manual Integrations
APPROVED

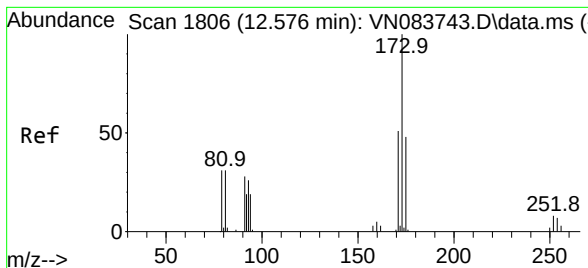
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#70
Styrene
Concen: 50.882 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Tgt Ion:104 Resp: 264279
Ion Ratio Lower Upper
104 100
78 53.8 43.3 64.9
103 54.9 43.4 65.2





#71

Bromoform

Concen: 54.583 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

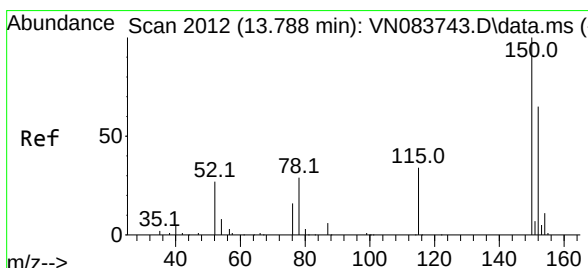
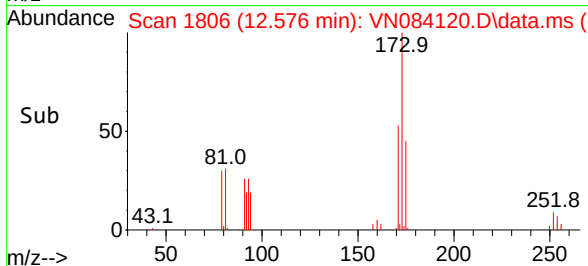
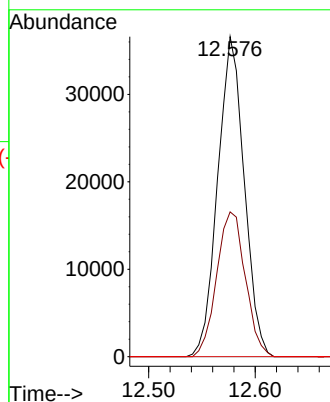
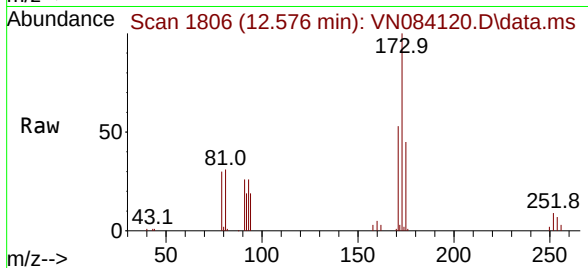
Tgt Ion:173	Resp: 63200
Ion Ratio	Lower Upper
173	100
175	48.8 24.1 72.2
254	0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

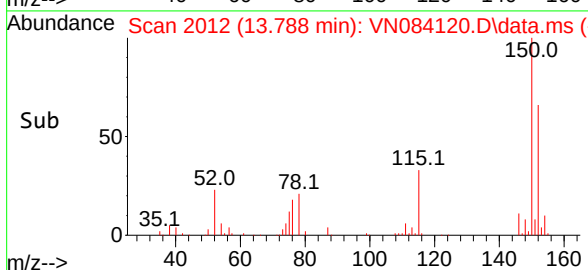
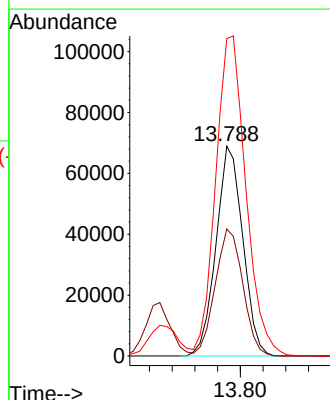
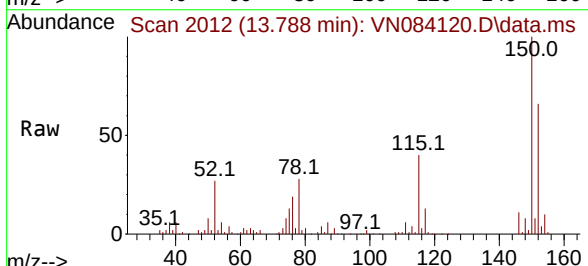
RT: 13.788 min Scan# 2012

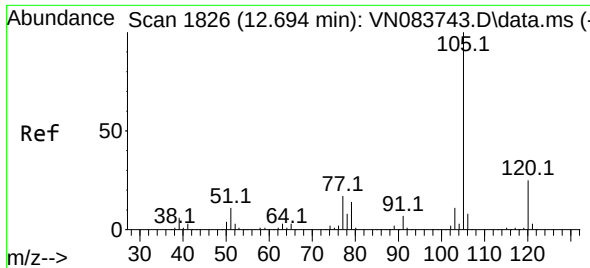
Delta R.T. -0.000 min

Lab File: VN084120.D

Acq: 23 Sep 2024 19:29

Tgt Ion:152	Resp: 112761
Ion Ratio	Lower Upper
152	100
115	62.5 32.2 96.6
150	171.8 0.0 348.6





#73
Isopropylbenzene
Concen: 45.283 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Instrument :

MSVOA_N

ClientSampleId :

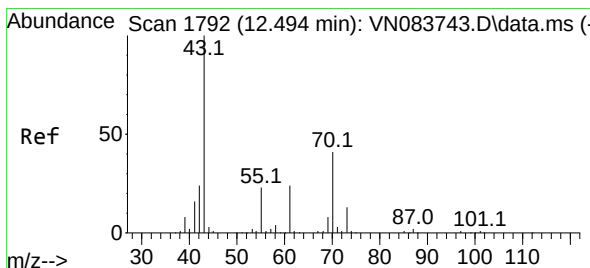
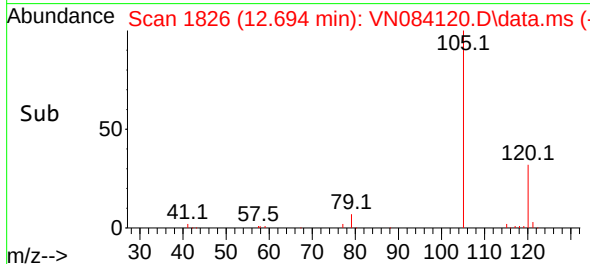
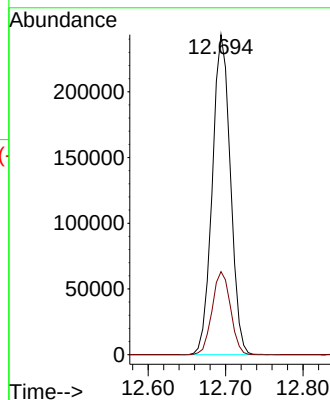
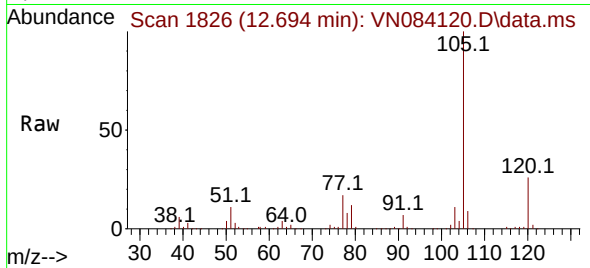
VSTDCCC050EC

Tgt Ion:105 Resp: 395048
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.8

Manual Integrations

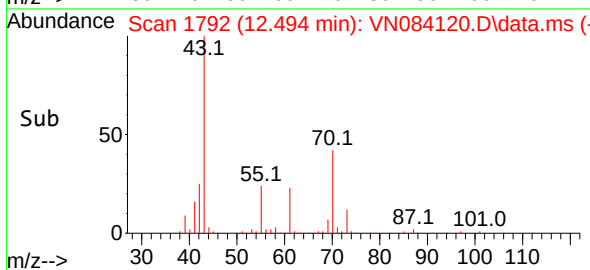
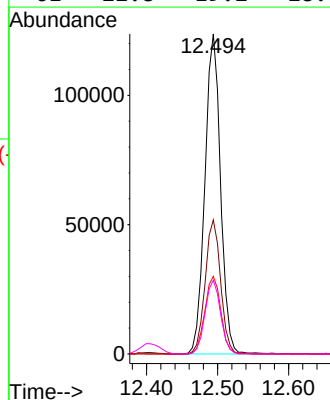
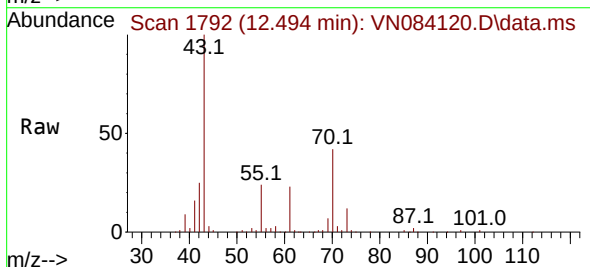
APPROVED

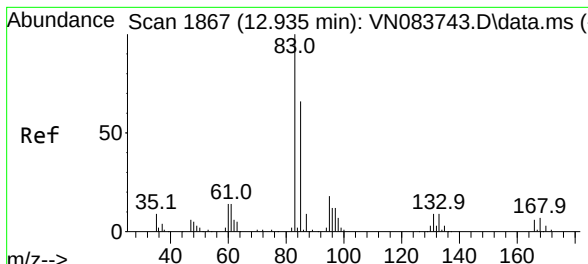
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#74
N-ethyl acetate
Concen: 50.956 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Tgt Ion: 43 Resp: 189662
Ion Ratio Lower Upper
43 100
70 41.4 34.5 51.7
55 24.8 18.6 28.0
61 22.8 19.2 28.8





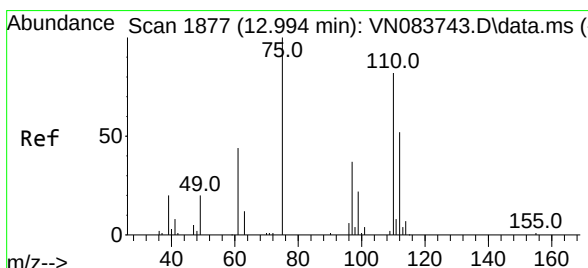
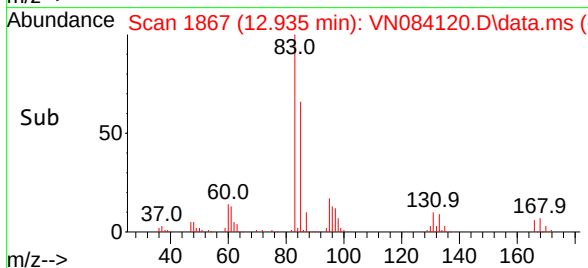
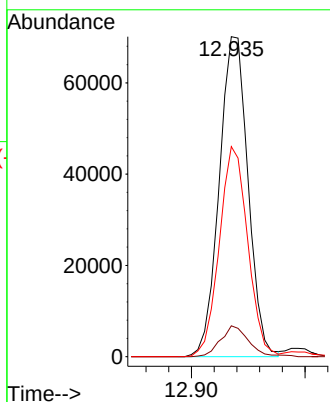
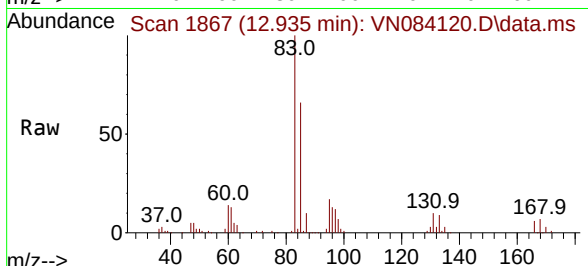
#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.157 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN084120.D
 Acq: 23 Sep 2024 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 123439
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.2 15.6
 85 64.7 31.9 95.9

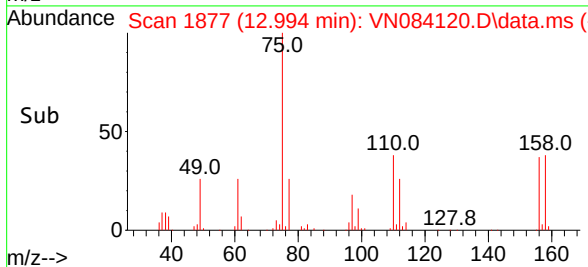
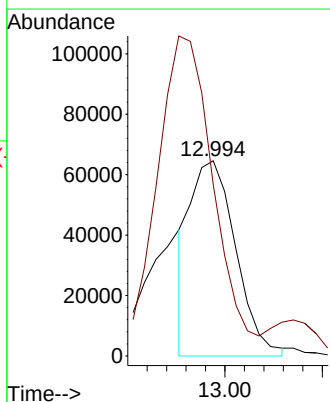
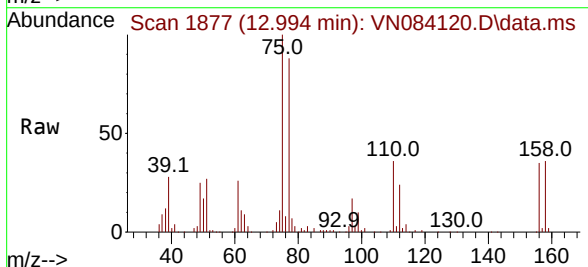
Manual Integrations
 APPROVED

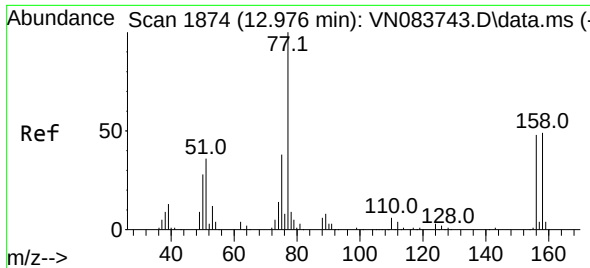
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024



#76
 1,2,3-Trichloropropane
 Concen: 46.136 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN084120.D
 Acq: 23 Sep 2024 19:29

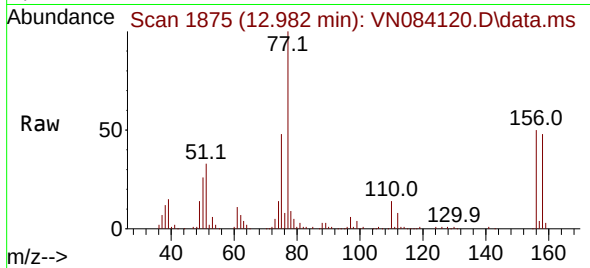
Tgt Ion: 75 Resp: 104973
 Ion Ratio Lower Upper
 75 100
 77 204.5 95.2 285.6





#77
Bromobenzene
Concen: 43.856 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

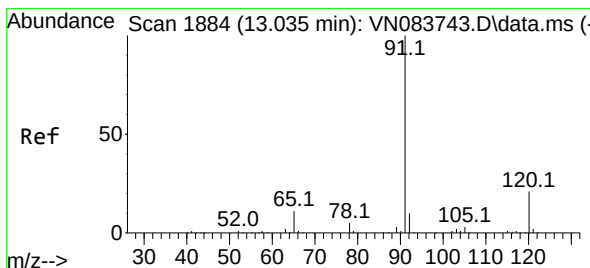
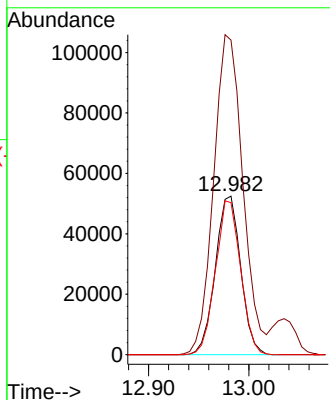
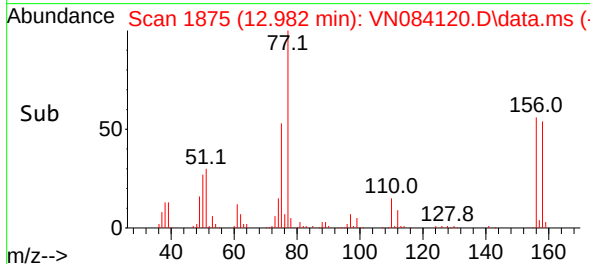
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 92090
Ion Ratio Lower Upper
156 100
77 233.1 114.3 343.1
158 96.3 48.9 146.7

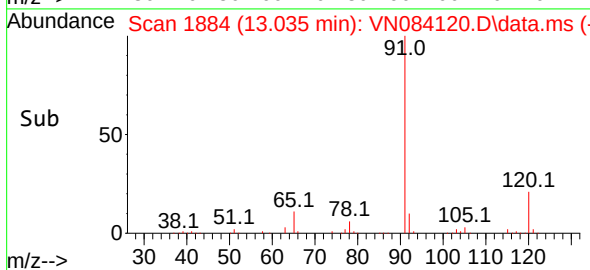
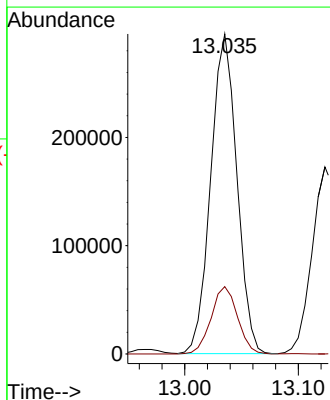
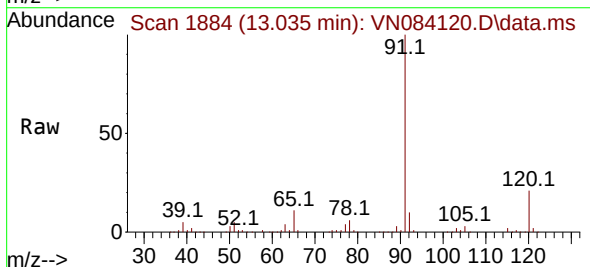
Manual Integrations
APPROVED

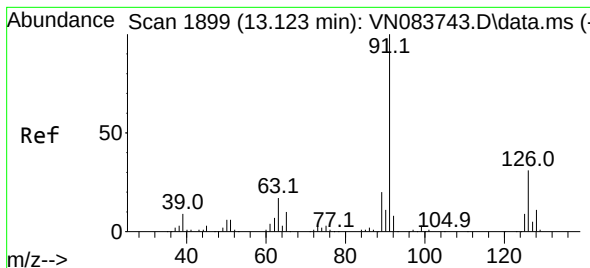
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#78
n-propylbenzene
Concen: 46.544 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Tgt Ion: 91 Resp: 472443
Ion Ratio Lower Upper
91 100
120 21.2 11.0 33.0





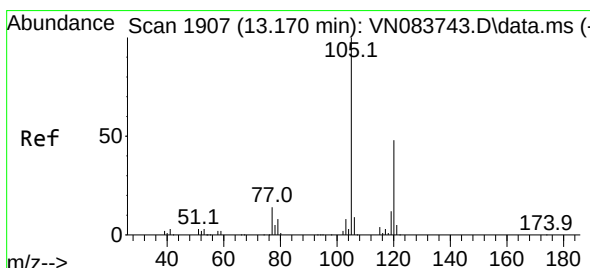
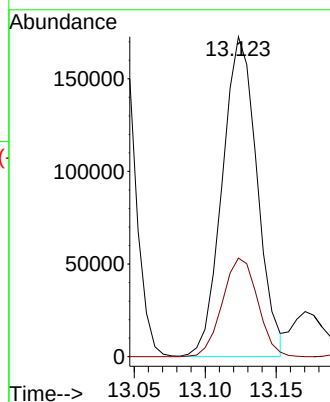
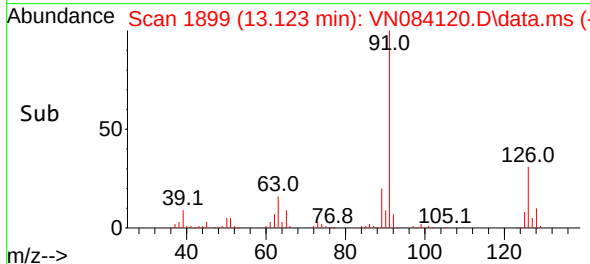
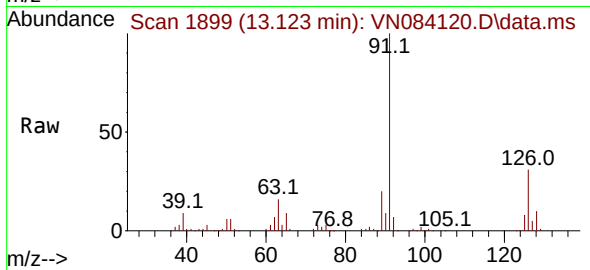
#79
2-Chlorotoluene
Concen: 45.477 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 294388
Ion Ratio Lower Upper
91 100
126 31.2 15.4 46.2

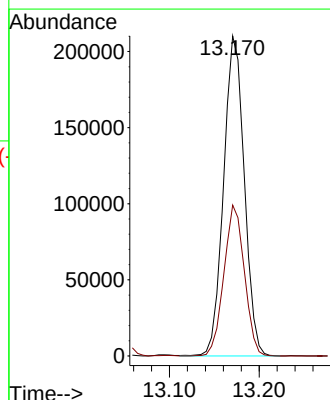
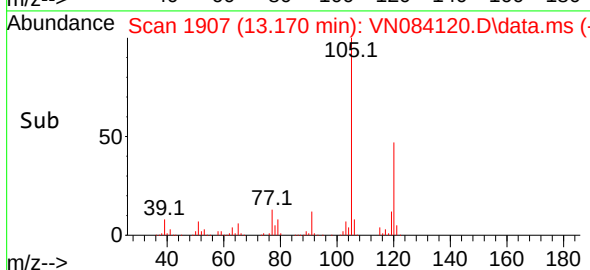
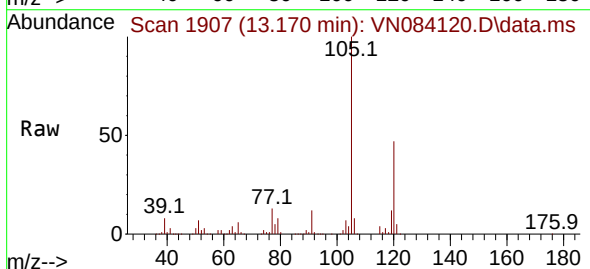
Manual Integrations
APPROVED

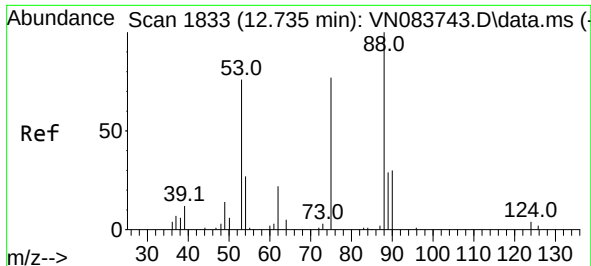
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 45.745 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

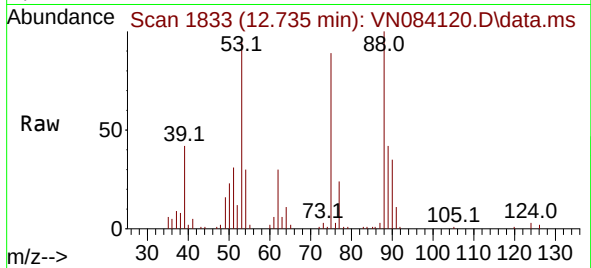
Tgt Ion:105 Resp: 336455
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.155 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

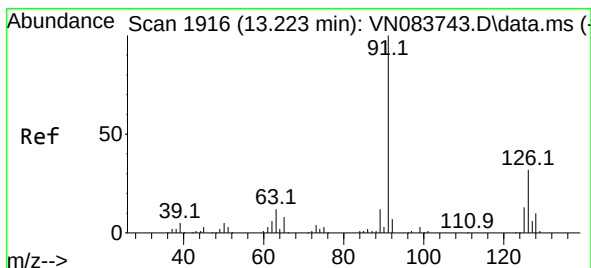
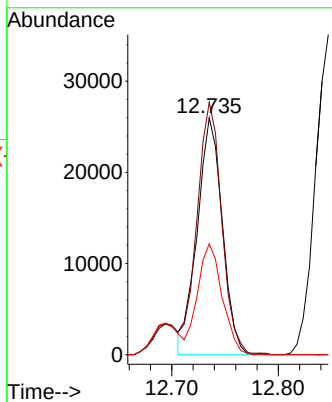
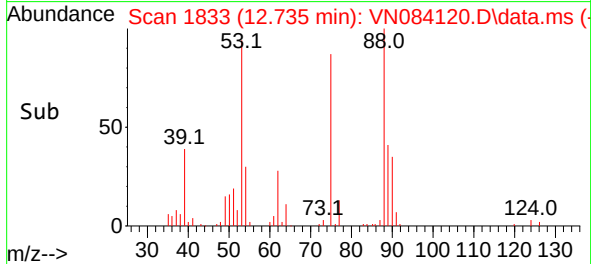
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 42700
Ion Ratio Lower Upper
75 100
53 104.4 81.2 121.8
89 45.7 35.7 53.5

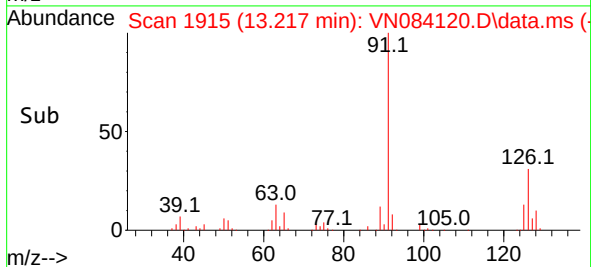
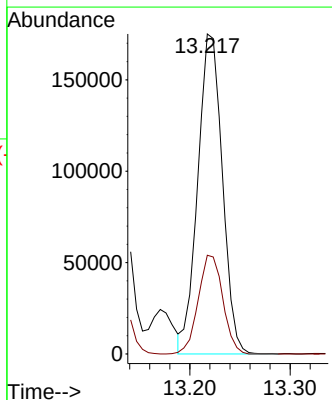
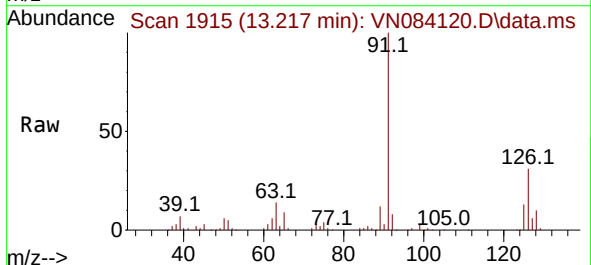
Manual Integrations
APPROVED

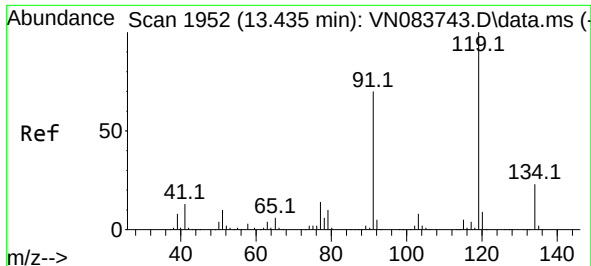
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#82
4-Chlorotoluene
Concen: 46.014 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

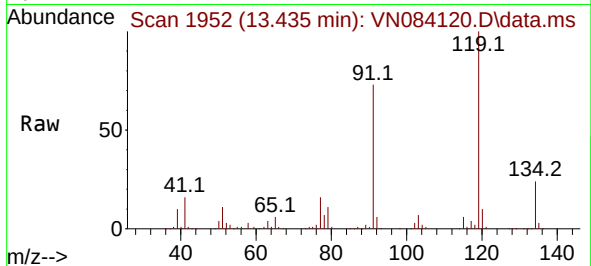
Tgt Ion: 91 Resp: 298914
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2





#83
tert-Butylbenzene
Concen: 45.046 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

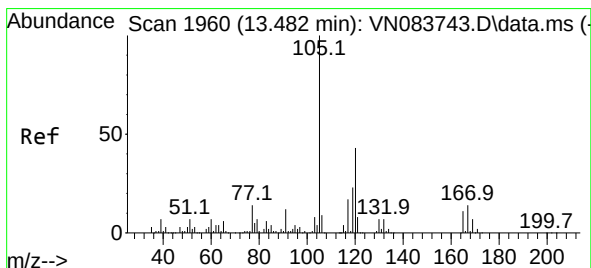
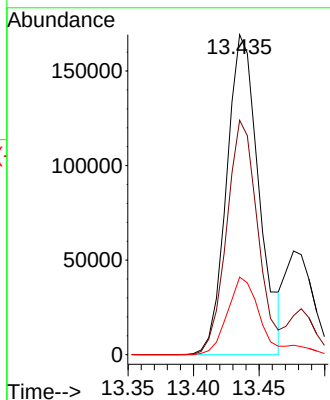
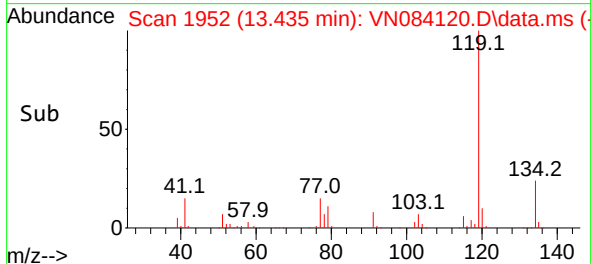
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



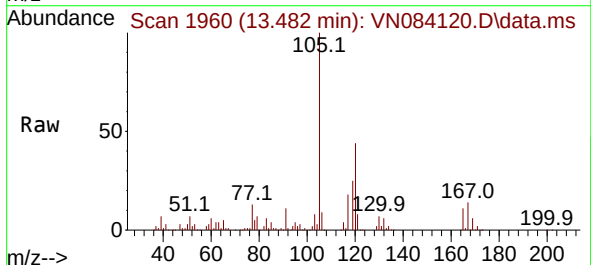
Tgt Ion:119 Resp: 28986
Ion Ratio Lower Upper
119 100
91 70.6 34.5 103.6
134 25.7 12.8 38.4

Manual Integrations
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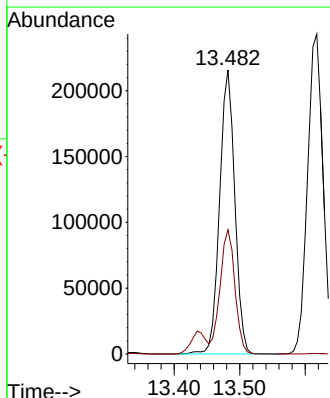
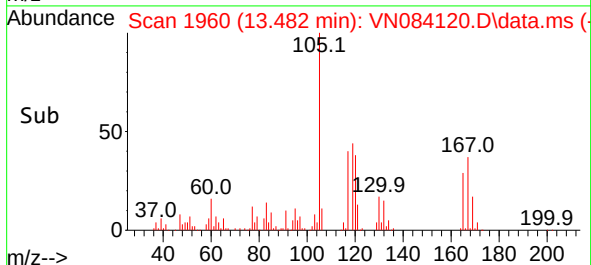
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

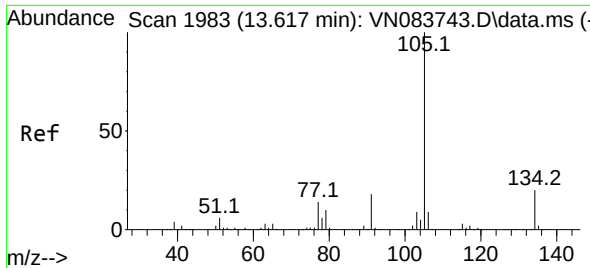


#84
1,2,4-Trimethylbenzene
Concen: 46.750 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29



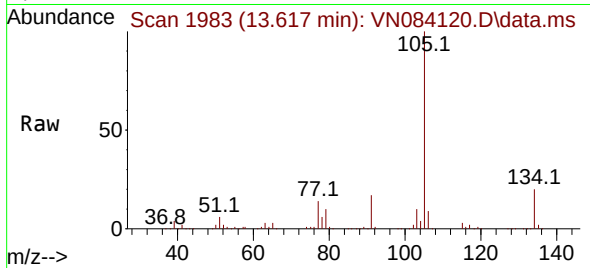
Tgt Ion:105 Resp: 345403
Ion Ratio Lower Upper
105 100
120 42.9 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 46.623 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084120.D
 Acq: 23 Sep 2024 19:29

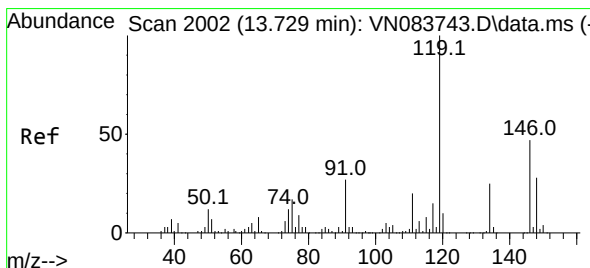
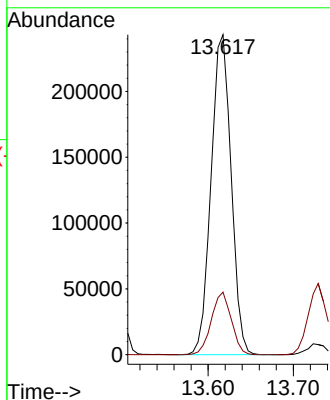
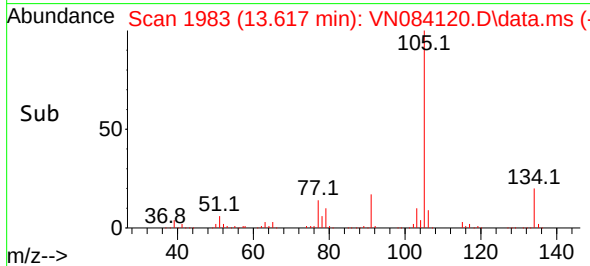
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



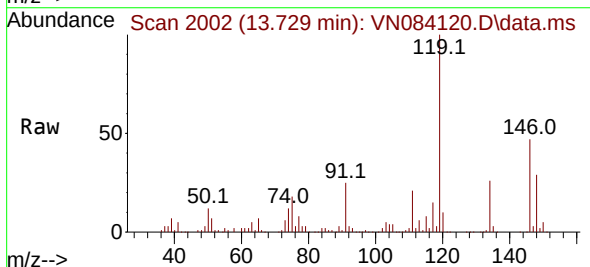
Tgt Ion:105 Resp: 39788
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1

Manual Integrations
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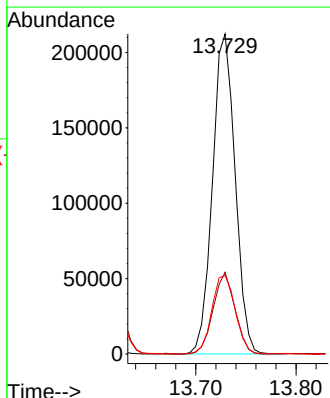
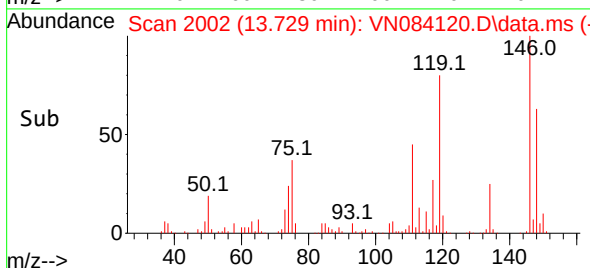
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024

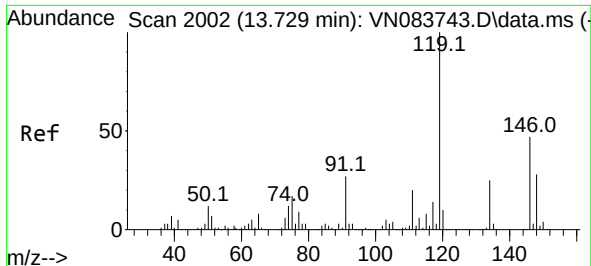


#86
 p-Isopropyltoluene
 Concen: 46.498 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084120.D
 Acq: 23 Sep 2024 19:29



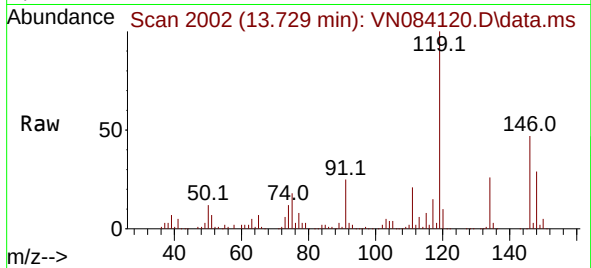
Tgt Ion:119 Resp: 332638
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.8 38.3
 91 25.3 12.9 38.7





#87
 1,3-Dichlorobenzene
 Concen: 43.582 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084120.D
 Acq: 23 Sep 2024 19:29

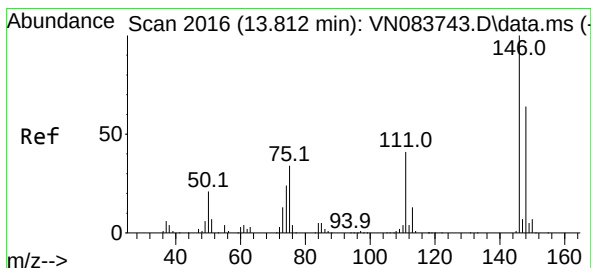
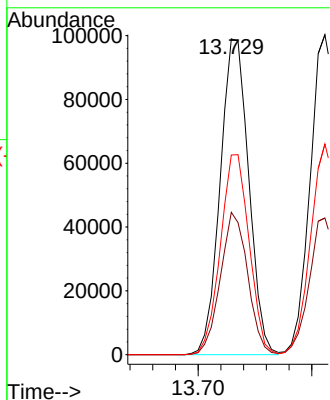
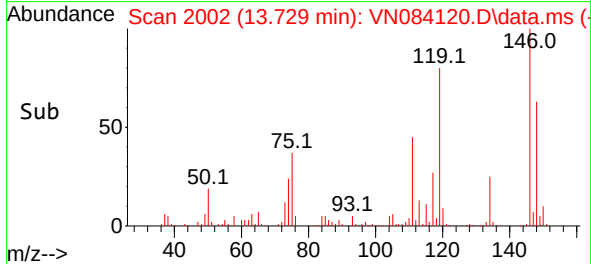
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



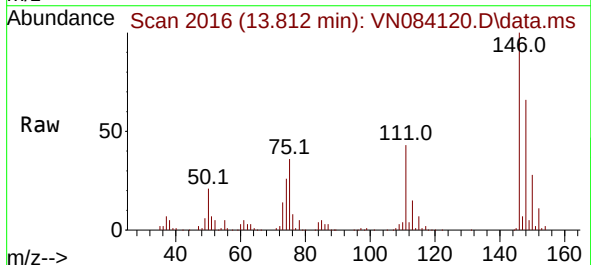
Tgt Ion:146 Resp: 172720
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.7 65.1
 148 63.8 31.7 95.1

Manual Integrations
 APPROVED

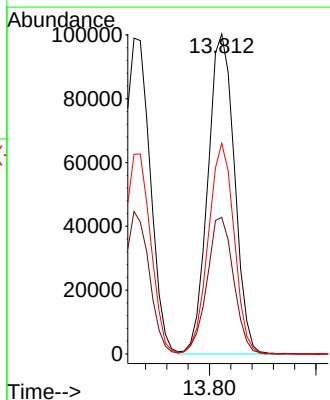
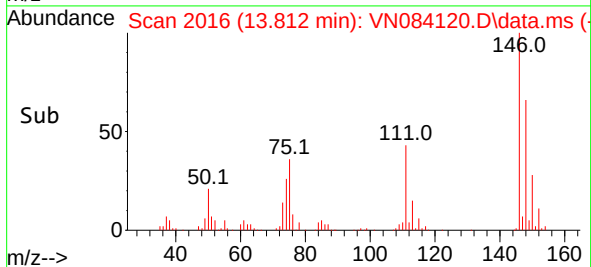
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024

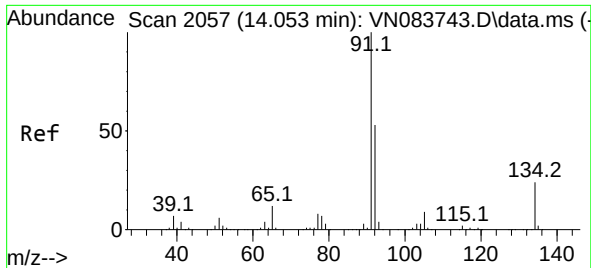


#88
 1,4-Dichlorobenzene
 Concen: 43.257 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN084120.D
 Acq: 23 Sep 2024 19:29



Tgt Ion:146 Resp: 173587
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.3 64.0
 148 64.0 32.0 96.2





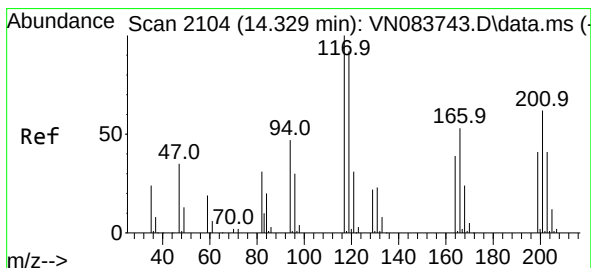
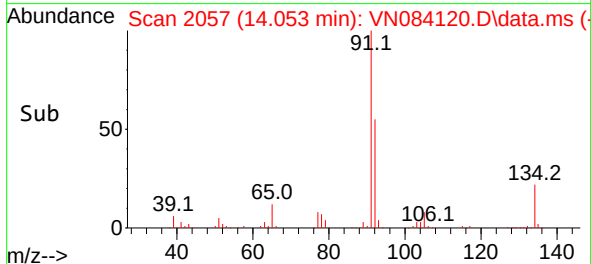
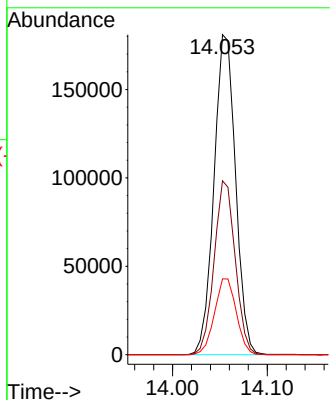
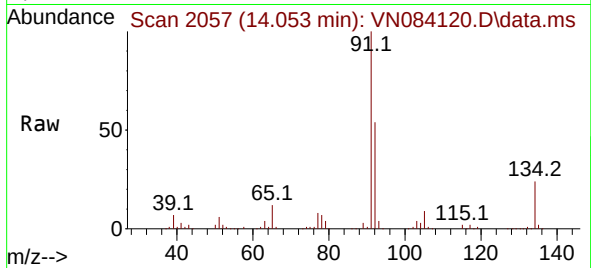
#89
n-Butylbenzene
Concen: 44.683 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 286998
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.1
134 24.0 12.2 36.4

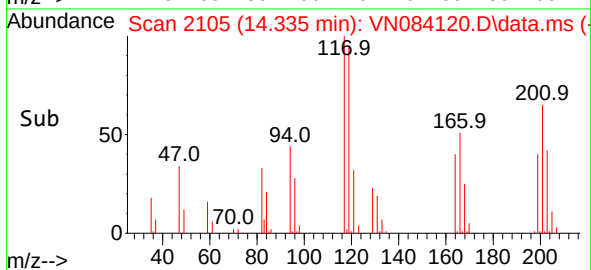
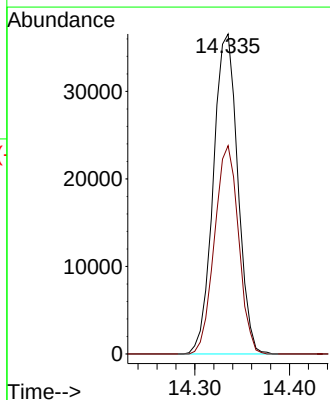
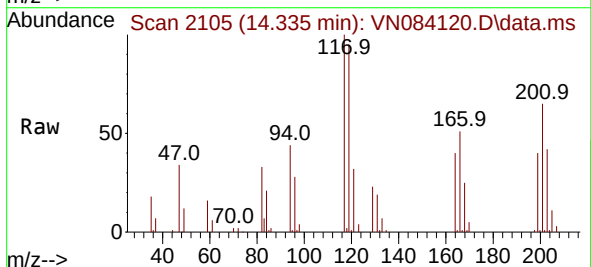
Manual Integrations
APPROVED

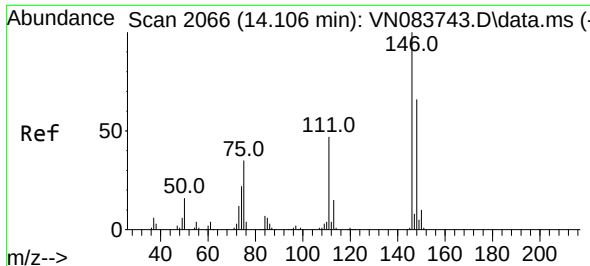
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#90
Hexachloroethane
Concen: 45.653 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

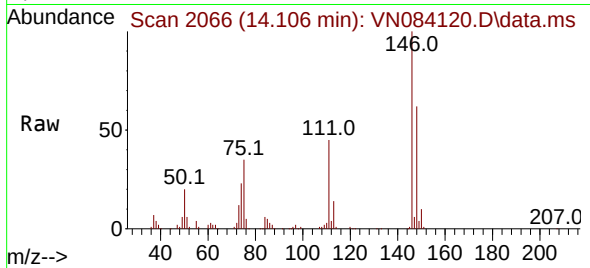
Tgt Ion:117 Resp: 65652
Ion Ratio Lower Upper
117 100
201 64.1 32.8 98.3





#91
1,2-Dichlorobenzene
Concen: 44.795 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

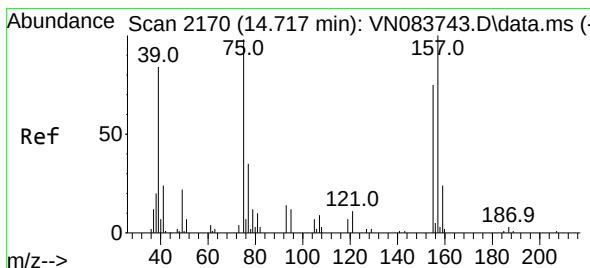
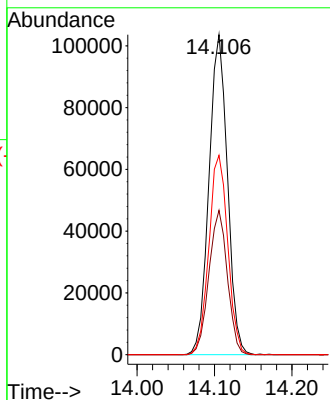
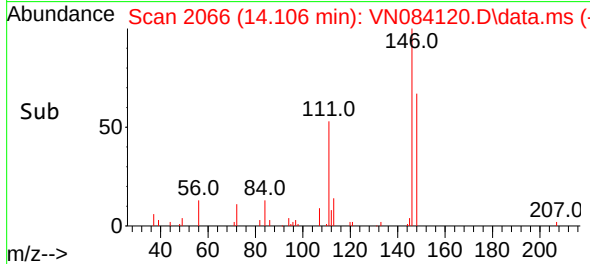
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 17133
Ion Ratio Lower Upper
146 100
111 45.2 22.8 68.3
148 63.7 32.1 96.5

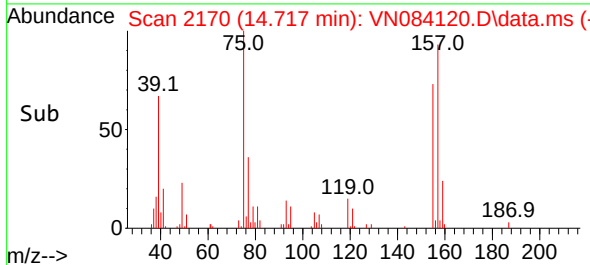
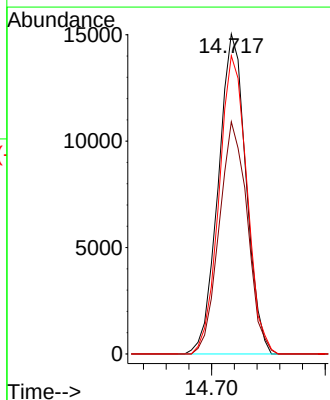
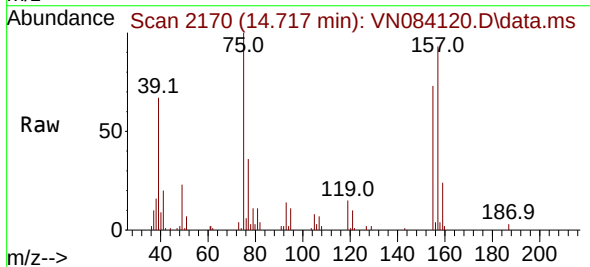
Manual Integrations
APPROVED

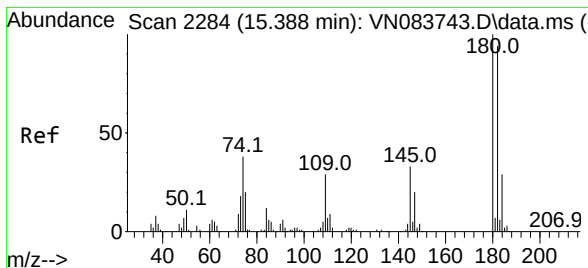
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.806 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

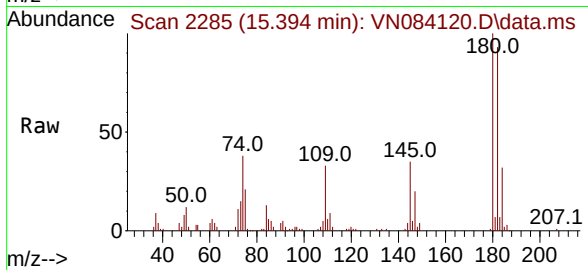
Tgt Ion: 75 Resp: 25449
Ion Ratio Lower Upper
75 100
155 73.6 35.9 107.7
157 93.5 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 39.434 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

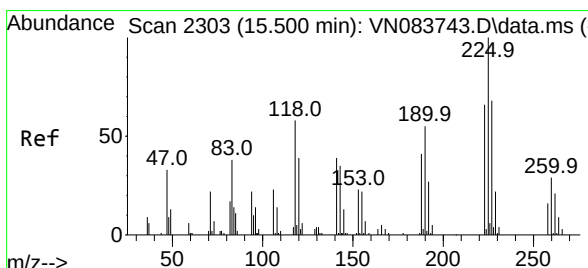
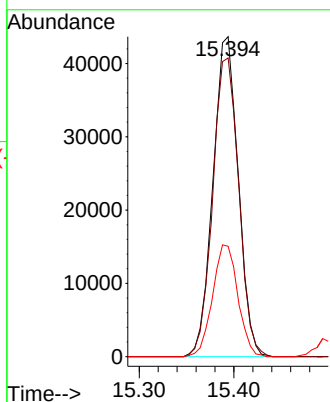
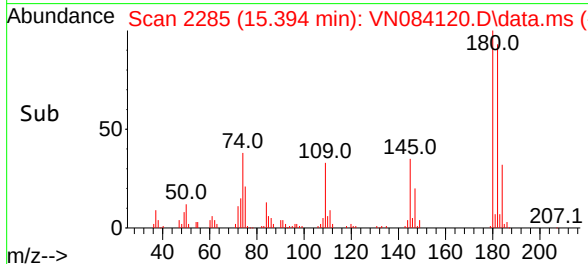
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



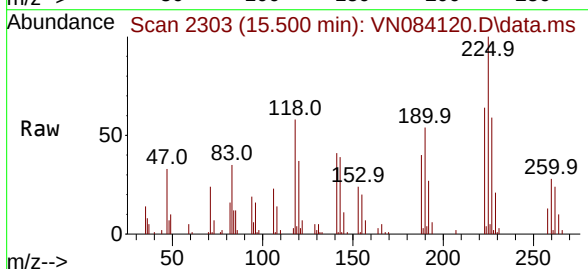
Tgt Ion:180 Resp: 8093
Ion Ratio Lower Upper
180 100
182 95.9 48.1 144.3
145 35.0 16.9 50.7

Manual Integrations
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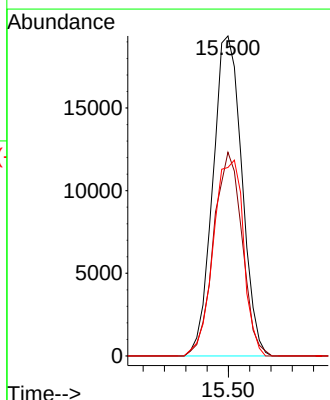
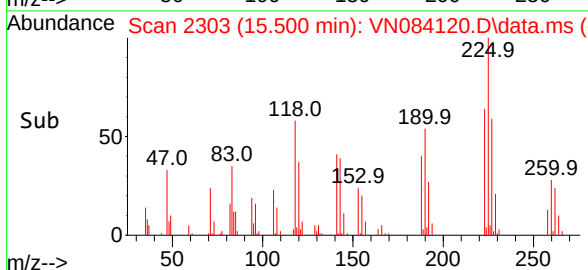
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

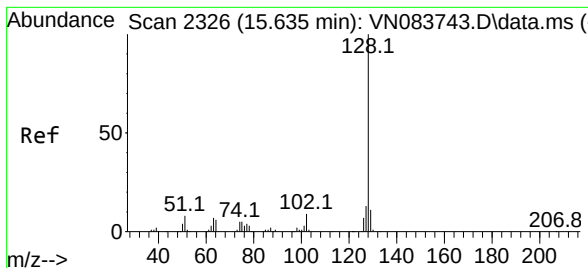


#94
Hexachlorobutadiene
Concen: 41.999 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29



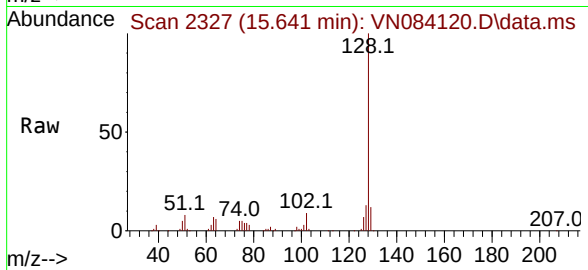
Tgt Ion:225 Resp: 36608
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.5
227 63.6 32.0 96.2





#95
Naphthalene
Concen: 45.062 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

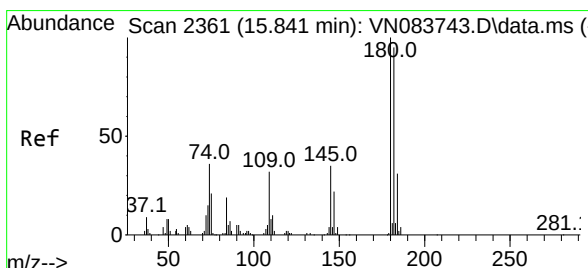
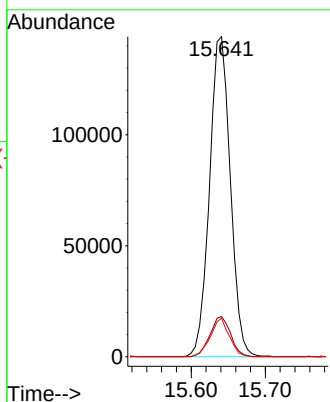
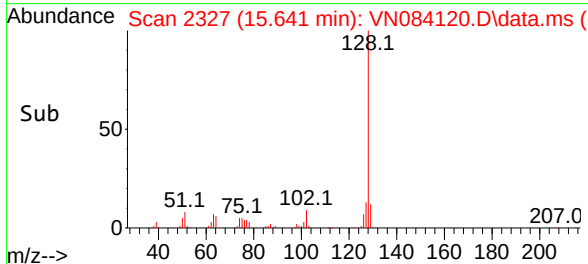
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 281379
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#96
1,2,3-Trichlorobenzene
Concen: 41.843 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN084120.D
Acq: 23 Sep 2024 19:29

Tgt Ion:180 Resp: 82077
Ion Ratio Lower Upper
180 100
182 95.0 47.1 141.4
145 35.7 17.8 53.5

