

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084172.D
 Acq On : 25 Sep 2024 20:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/26/2024
 Supervised By : Mahesh Dadoda 09/26/2024

Quant Time: Sep 26 01:37:50 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	150354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117505	51.830	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.660%			
35) Dibromofluoromethane	8.165	113	90866	53.009	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.020%			
50) Toluene-d8	10.565	98	325567	54.939	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.880%			
62) 4-Bromofluorobenzene	12.847	95	128146	52.414	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	63364	36.288	ug/l	97
3) Chloromethane	2.365	50	74139	41.256	ug/l	97
4) Vinyl Chloride	2.518	62	78039	40.774	ug/l	98
5) Bromomethane	2.953	94	47821	43.518	ug/l	98
6) Chloroethane	3.118	64	51325	38.230	ug/l	90
7) Trichlorofluoromethane	3.500	101	135770	41.791	ug/l	100
8) Diethyl Ether	3.959	74	49589	45.535	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	77193	44.828	ug/l	98
10) Methyl Iodide	4.589	142	89291	40.772	ug/l	94
11) Tert butyl alcohol	5.518	59	80735	265.935	ug/l	100
12) 1,1-Dichloroethene	4.342	96	73384	45.125	ug/l	93
13) Acrolein	4.183	56	79361	264.941	ug/l	98
14) Allyl chloride	5.030	41	124436	42.943	ug/l	99
15) Acrylonitrile	5.724	53	226805	274.710	ug/l	99
16) Acetone	4.430	43	185711	204.339	ug/l	98
17) Carbon Disulfide	4.712	76	165770	36.441	ug/l	99
18) Methyl Acetate	5.024	43	113365	60.248	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	278435	47.315	ug/l	99
20) Methylene Chloride	5.277	84	87824	47.222	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	77285	44.345	ug/l	94
22) Diisopropyl ether	6.671	45	307775	51.596	ug/l	98
23) Vinyl Acetate	6.606	43	1082390	247.782	ug/l	99
24) 1,1-Dichloroethane	6.571	63	165893	48.272	ug/l	97
25) 2-Butanone	7.482	43	296517	248.231	ug/l	99
26) 2,2-Dichloropropane	7.494	77	134538	42.510	ug/l	95
27) cis-1,2-Dichloroethene	7.482	96	99722	48.201	ug/l	98
28) Bromochloromethane	7.818	49	76580	52.915	ug/l	95
29) Tetrahydrofuran	7.841	42	192188	272.101	ug/l	98
30) Chloroform	7.965	83	175709	48.160	ug/l	97
31) Cyclohexane	8.259	56	125132	38.189	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	153256	45.683	ug/l	98
36) 1,1-Dichloropropene	8.371	75	114896	44.532	ug/l	98
37) Ethyl Acetate	7.559	43	121453	51.860	ug/l	98
38) Carbon Tetrachloride	8.365	117	130249	44.498	ug/l	97
39) Methylcyclohexane	9.600	83	116152	39.551	ug/l	97
40) Benzene	8.606	78	361162	46.508	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	71077	51.314	ug/l	99
42) 1,2-Dichloroethane	8.671	62	131460	45.304	ug/l	99
43) Isopropyl Acetate	8.688	43	212931	50.174	ug/l	97
44) Trichloroethene	9.353	130	83396	46.374	ug/l	93
45) 1,2-Dichloropropane	9.624	63	93270	49.693	ug/l	99
46) Dibromomethane	9.706	93	65316	49.683	ug/l	98
47) Bromodichloromethane	9.888	83	143064	50.283	ug/l	98
48) Methyl methacrylate	9.682	41	102913	51.112	ug/l	97
49) 1,4-Dioxane	9.694	88	31299	944.940	ug/l #	98
51) 4-Methyl-2-Pentanone	10.441	43	639819	276.959	ug/l	99
52) Toluene	10.629	92	221492	46.630	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	141018	48.898	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	150081	49.542	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	89311	50.364	ug/l	96
56) Ethyl methacrylate	10.876	69	149035	54.625	ug/l	98
57) 1,3-Dichloropropane	11.165	76	153286	50.294	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	304953	310.202	ug/l	97
59) 2-Hexanone	11.194	43	458743	268.446	ug/l	100
60) Dibromochloromethane	11.359	129	105830	53.326	ug/l	99
61) 1,2-Dibromoethane	11.470	107	87804	49.647	ug/l	99
64) Tetrachloroethene	11.106	164	71553	44.384	ug/l	97
65) Chlorobenzene	11.888	112	243487	45.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	88626	47.449	ug/l	98
67) Ethyl Benzene	11.965	91	439174	45.885	ug/l	99
68) m/p-Xylenes	12.070	106	332748	93.642	ug/l	98
69) o-Xylene	12.400	106	157272	45.719	ug/l	98
70) Styrene	12.412	104	281993	49.950	ug/l	99
71) Bromoform	12.576	173	68670	54.559	ug/l #	99
73) Isopropylbenzene	12.694	105	418425	43.406	ug/l	99
74) N-amyl acetate	12.494	43	192101	46.707	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	129231	45.627	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	125810m	50.040	ug/l	
77) Bromobenzene	12.976	156	100438	43.284	ug/l	98
78) n-propylbenzene	13.035	91	508506	45.337	ug/l	98
79) 2-Chlorotoluene	13.123	91	308633	43.147	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	357710	44.013	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	45142	47.025	ug/l	99
82) 4-Chlorotoluene	13.217	91	320518	44.652	ug/l	99
83) tert-Butylbenzene	13.435	119	313037	44.024	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	364100	44.598	ug/l	100
85) sec-Butylbenzene	13.617	105	435676	46.201	ug/l	100
86) p-Isopropyltoluene	13.729	119	359675	45.500	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	188369	43.014	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	189061	42.636	ug/l	99
89) n-Butylbenzene	14.053	91	320262	45.124	ug/l	99
90) Hexachloroethane	14.329	117	67530	42.497	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	181837	43.025	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25953	45.966	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	93227	41.106	ug/l	99
94) Hexachlorobutadiene	15.500	225	39316	40.820	ug/l	99
95) Naphthalene	15.641	128	303110	43.929	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	91782	42.345	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

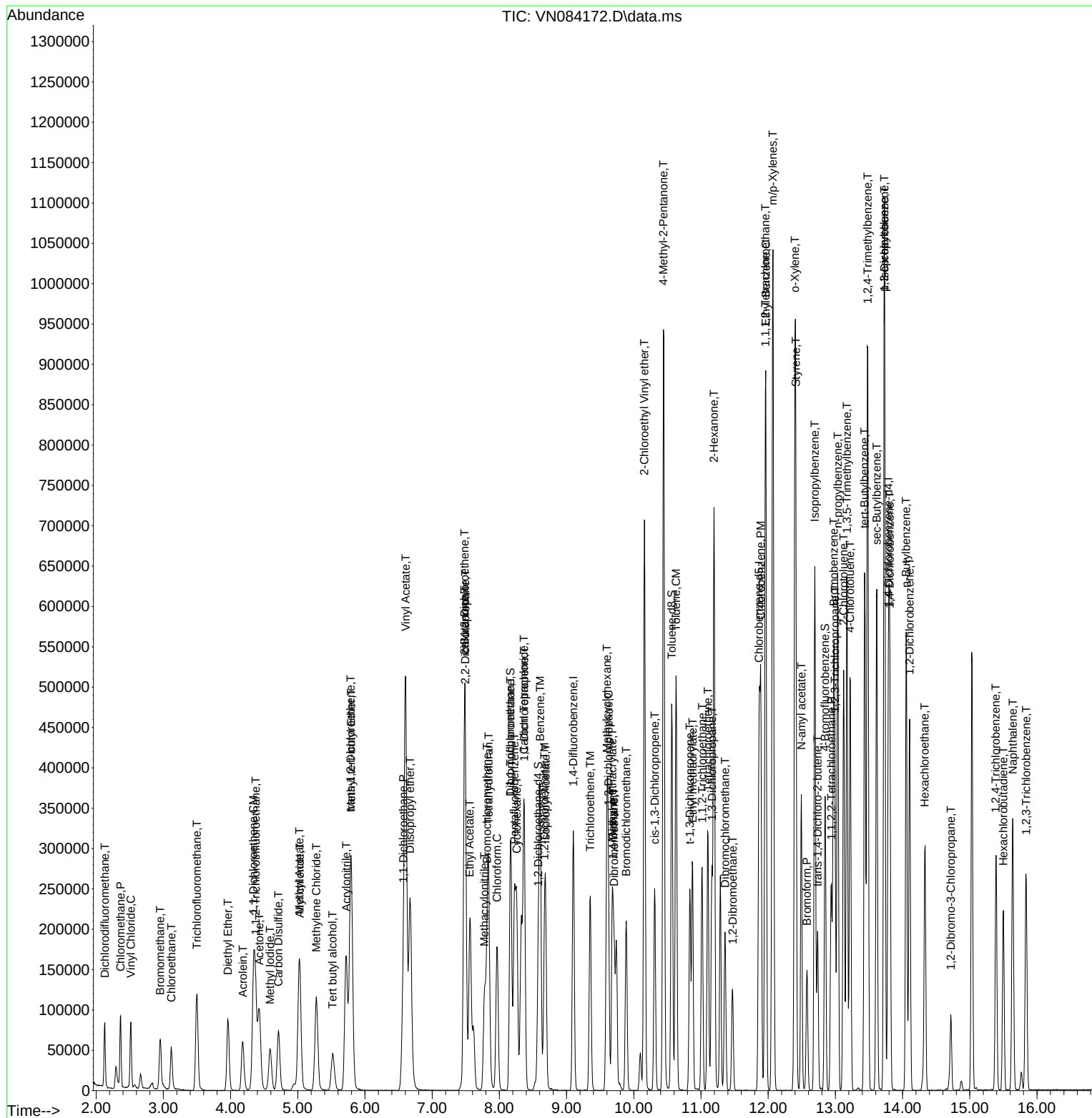
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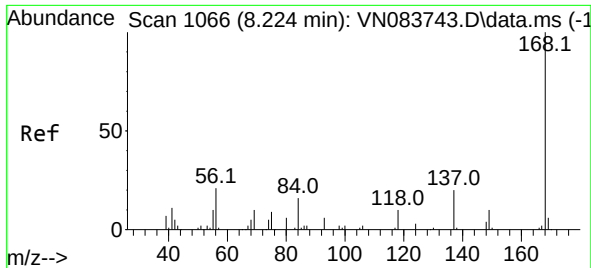
Instrument :
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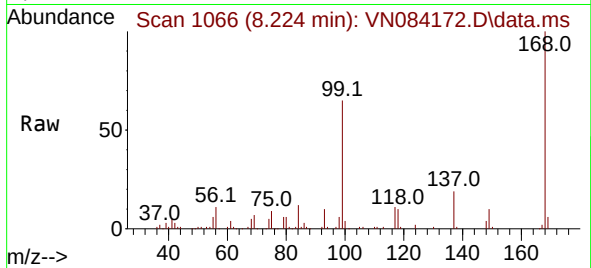
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

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MSVOA_N

ClientSampleId :

VSTDCCC050EC



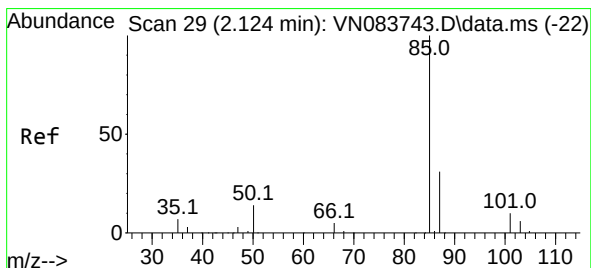
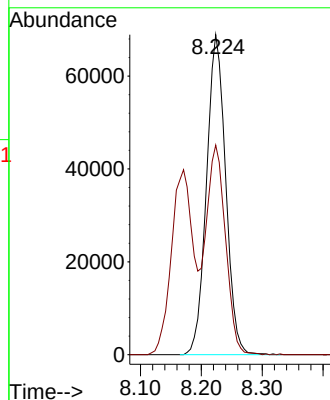
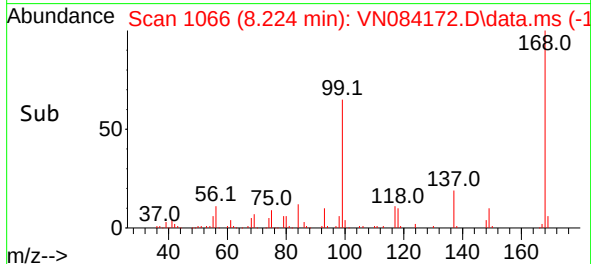
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Ion Ratio Lower Upper
168 100
99 65.2 54.2 81.2

Manual Integrations

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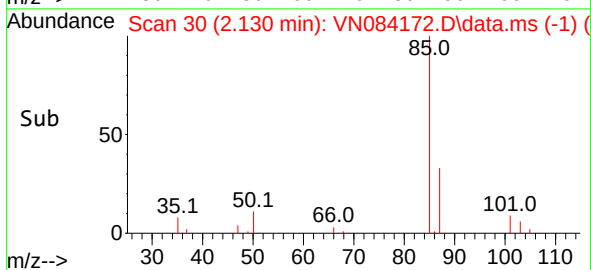
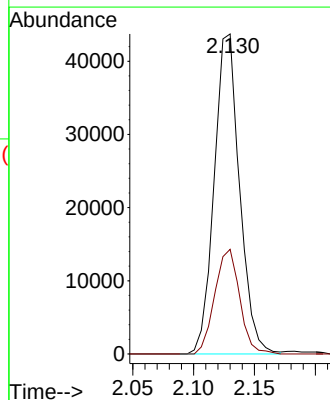
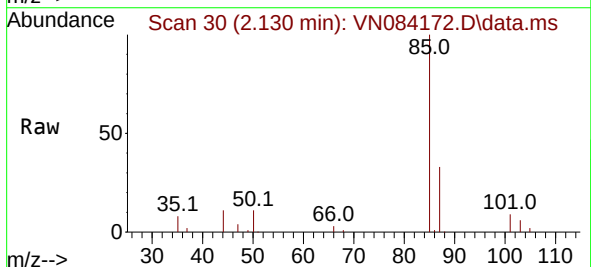
Reviewed By :John Carlone 09/26/2024

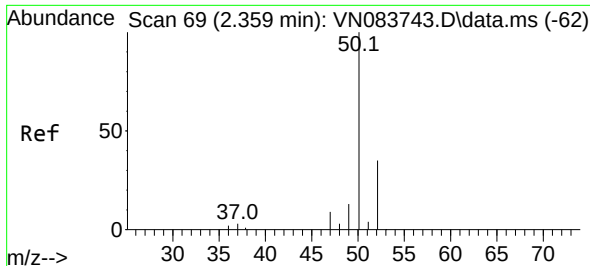
Supervised By :Mahesh Dadoda 09/26/2024



#2
Dichlorodifluoromethane
Concen: 36.288 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Tgt Ion: 85 Resp: 63364
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.0





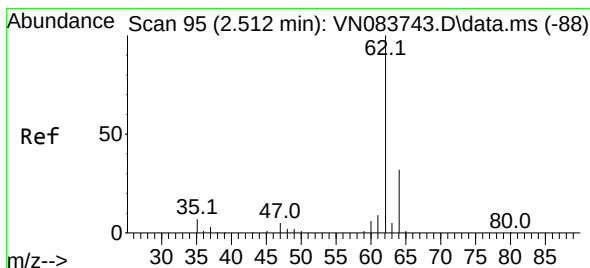
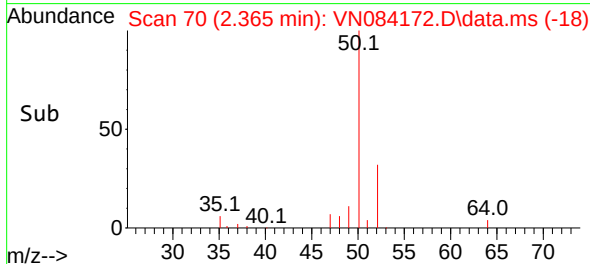
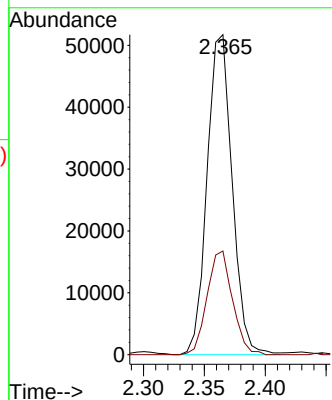
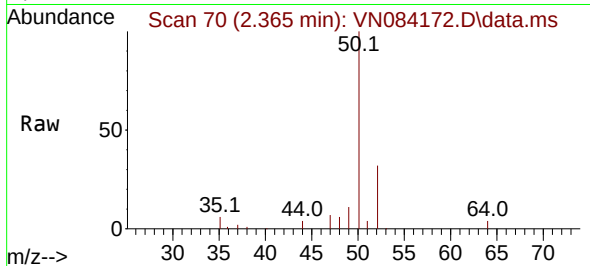
#3
Chloromethane
Concen: 41.256 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 74139
Ion Ratio Lower Upper
50 100
52 32.4 27.2 40.8

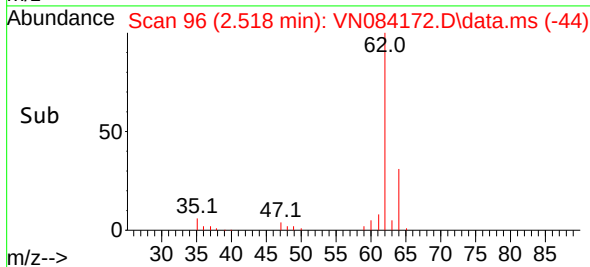
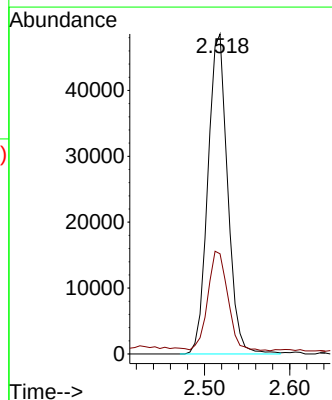
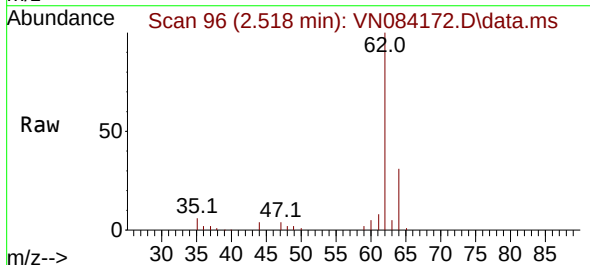
Manual Integrations
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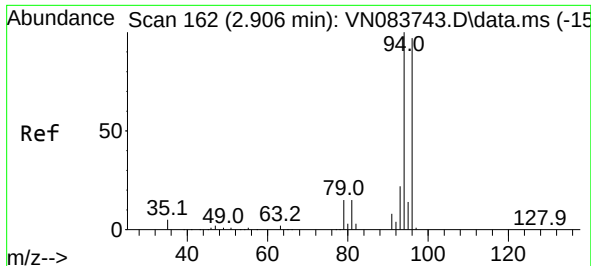
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#4
Vinyl Chloride
Concen: 40.774 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Tgt Ion: 62 Resp: 78039
Ion Ratio Lower Upper
62 100
64 30.0 24.7 37.1





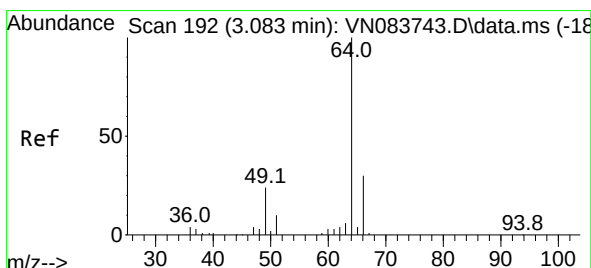
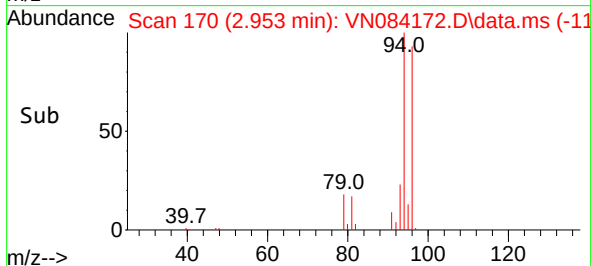
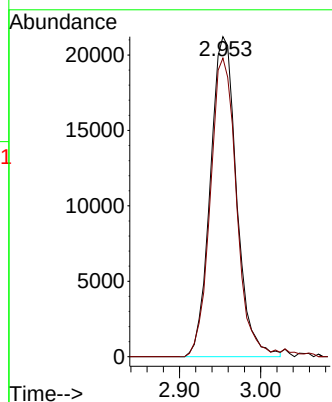
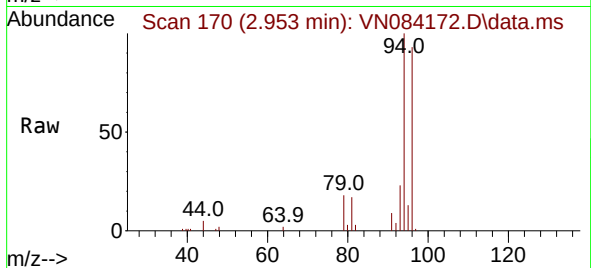
#5
Bromomethane
Concen: 43.518 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 4782
Ion Ratio Lower Upper
94 100
96 93.3 76.0 114.0

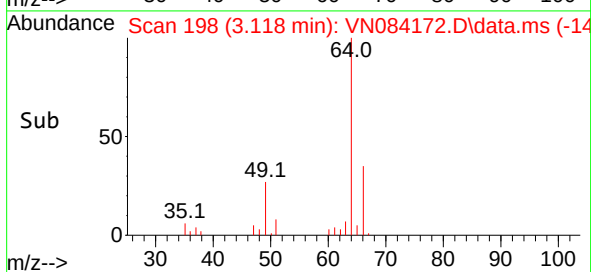
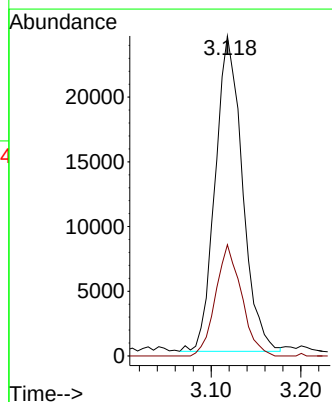
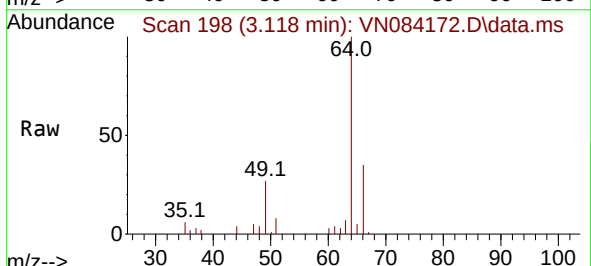
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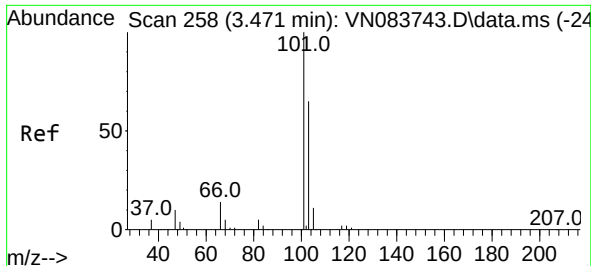
Reviewed By :John Carlone 09/26/2024
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#6
Chloroethane
Concen: 38.230 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.035 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Tgt Ion: 64 Resp: 51325
Ion Ratio Lower Upper
64 100
66 35.3 23.9 35.9





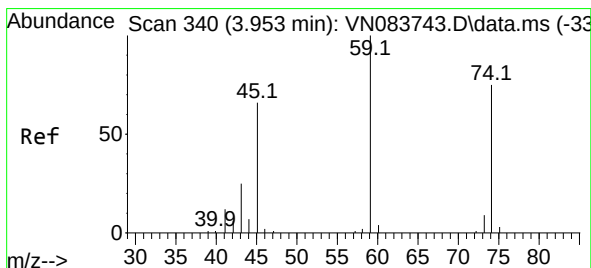
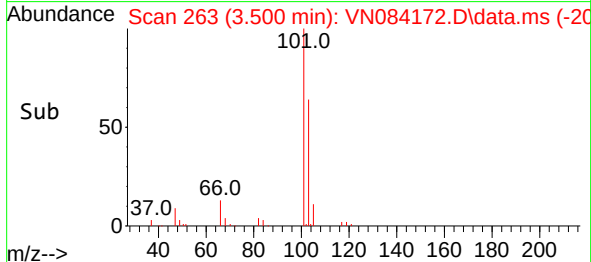
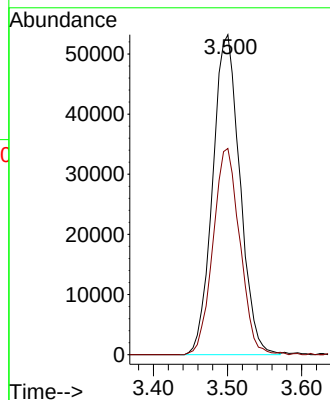
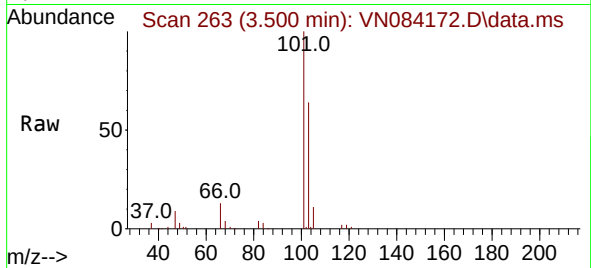
#7
Trichlorofluoromethane
Concen: 41.791 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.029 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 135770
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

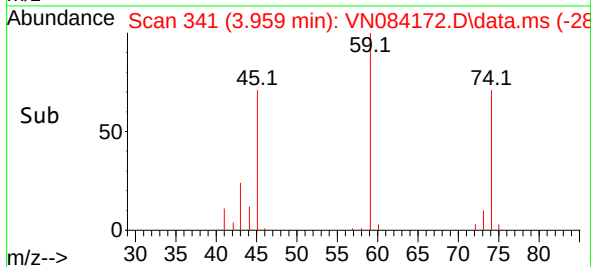
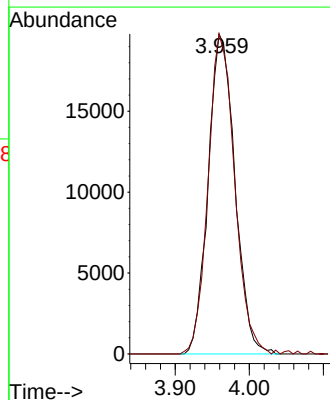
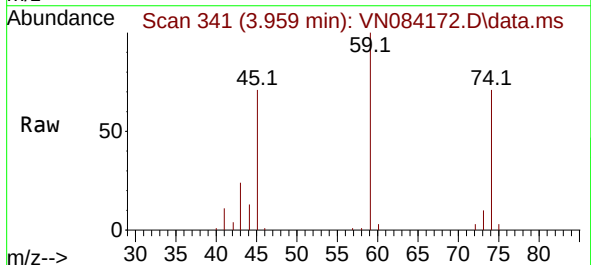
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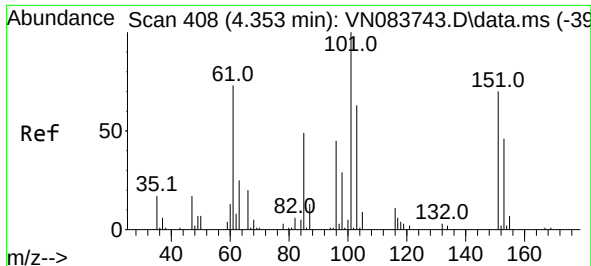
Reviewed By :John Carlone 09/26/2024
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#8
Diethyl Ether
Concen: 45.535 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Tgt Ion: 74 Resp: 49589
Ion Ratio Lower Upper
74 100
45 99.1 46.7 140.1





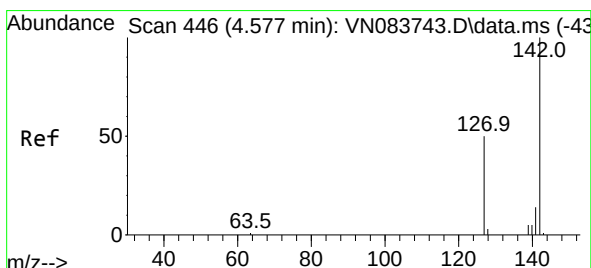
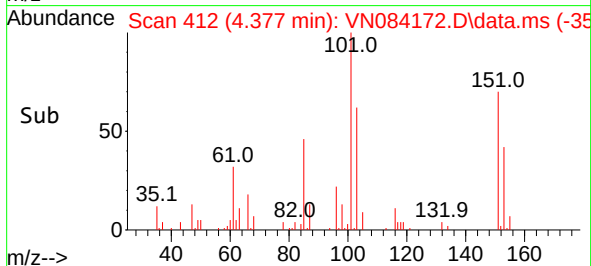
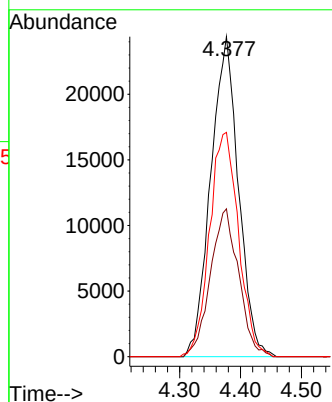
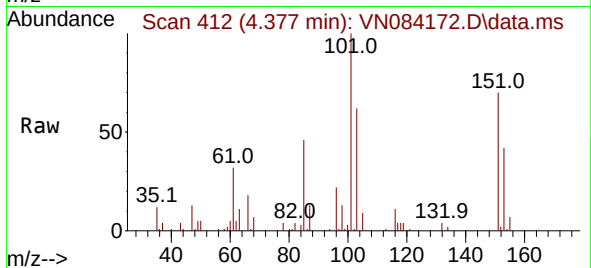
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.828 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.023 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7719
Ion Ratio Lower Upper
101 100
85 47.0 36.2 54.4
151 73.2 57.7 86.5

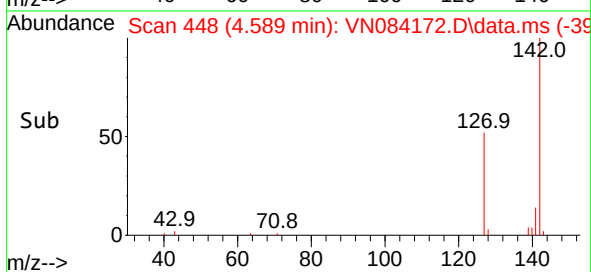
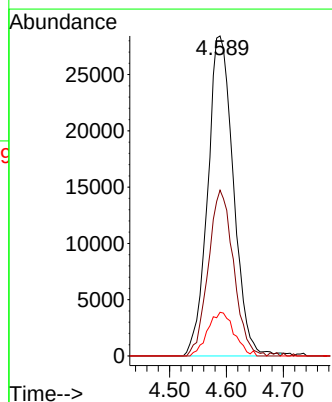
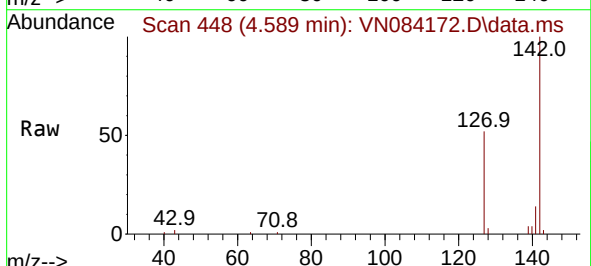
Manual Integrations
APPROVED

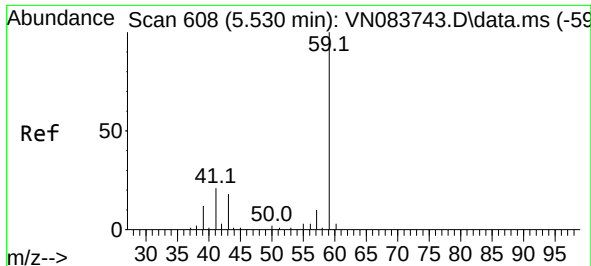
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#10
Methyl Iodide
Concen: 40.772 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

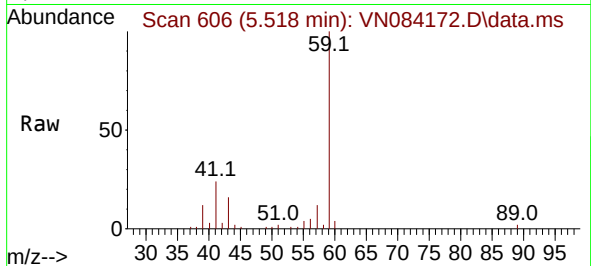
Tgt Ion:142 Resp: 89291
Ion Ratio Lower Upper
142 100
127 51.8 37.5 56.3
141 13.6 11.0 16.4





#11
Tert butyl alcohol
Concen: 265.935 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

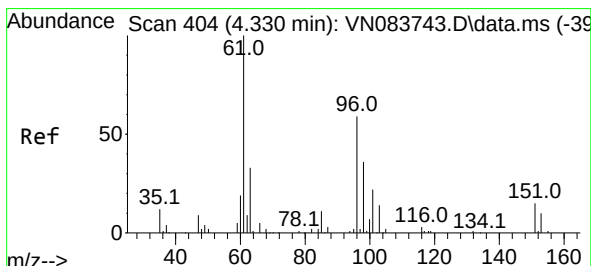
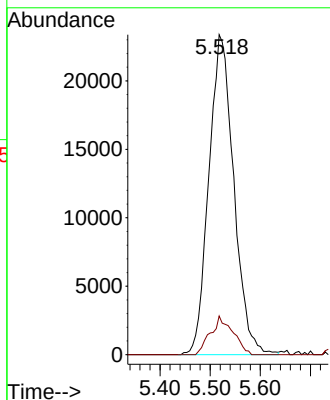
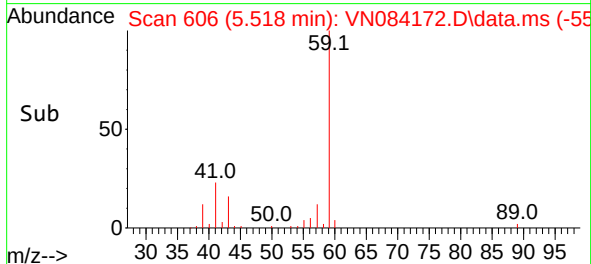
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



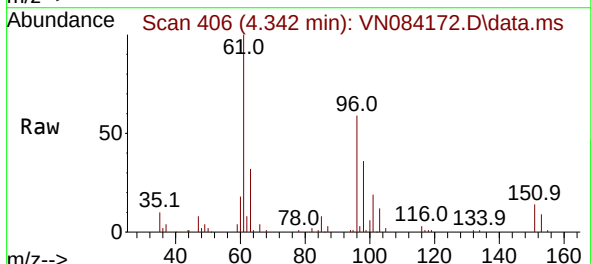
Tgt Ion: 59 Resp: 80735
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

Manual Integrations
APPROVED

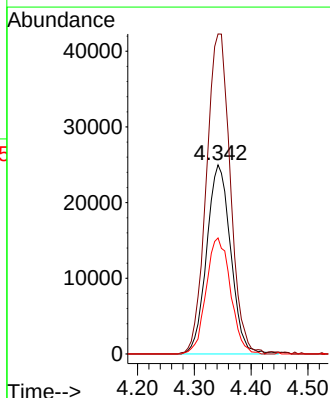
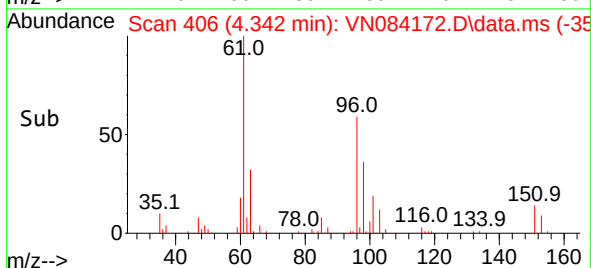
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

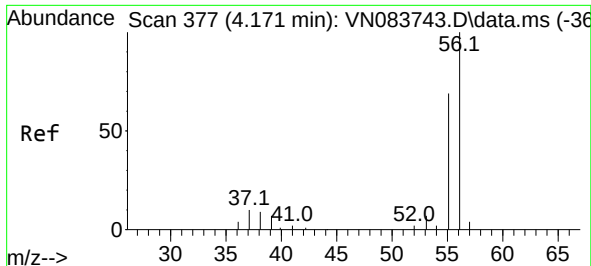


#12
1,1-Dichloroethene
Concen: 45.125 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11



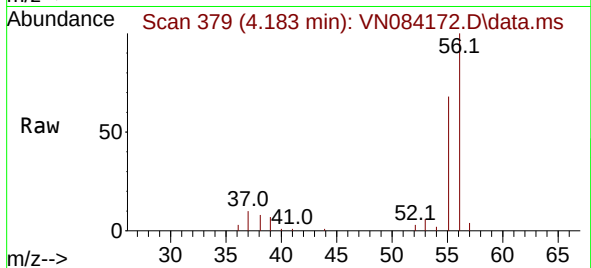
Tgt Ion: 96 Resp: 73384
Ion Ratio Lower Upper
96 100
61 169.2 143.4 215.0
98 61.3 52.7 79.1





#13
Acrolein
Concen: 264.941 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

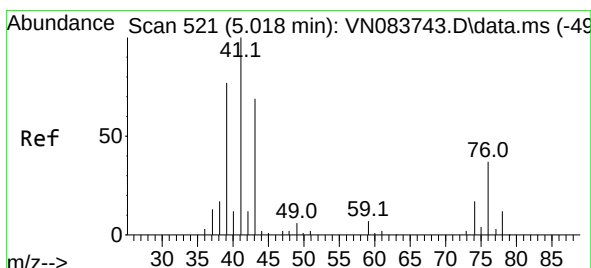
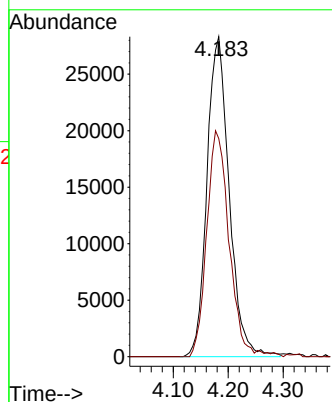
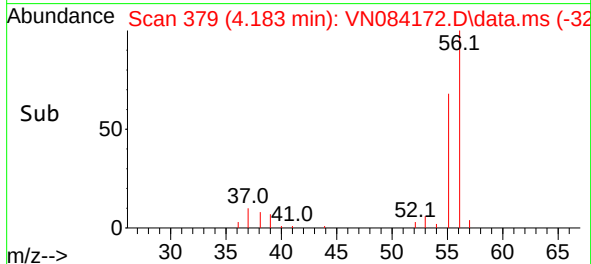
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



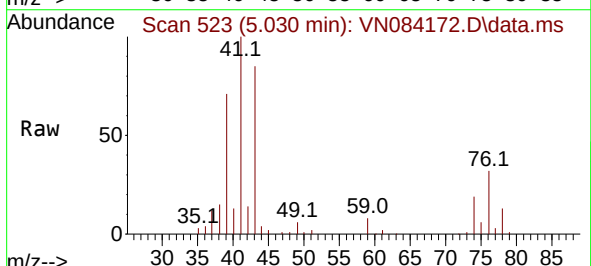
Tgt Ion: 56 Resp: 7936
Ion Ratio Lower Upper
56 100
55 71.3 58.2 87.2

Manual Integrations
APPROVED

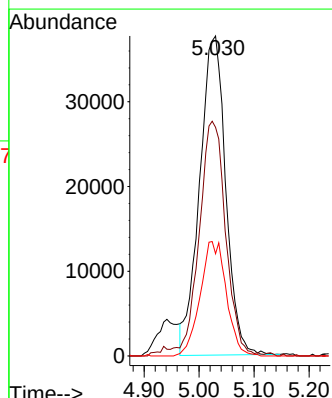
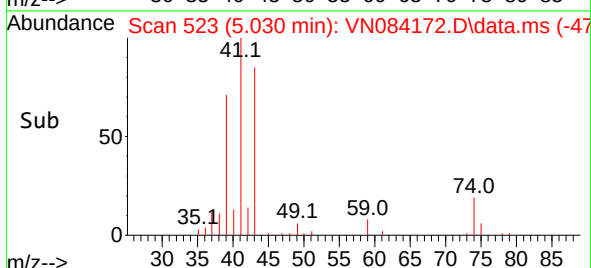
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

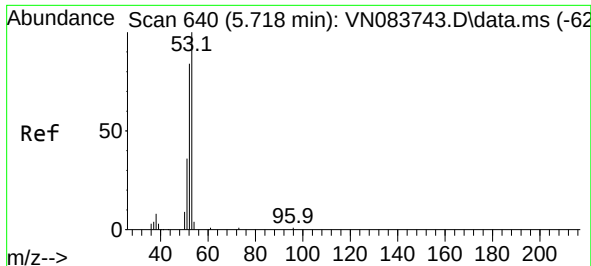


#14
Allyl chloride
Concen: 42.943 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11



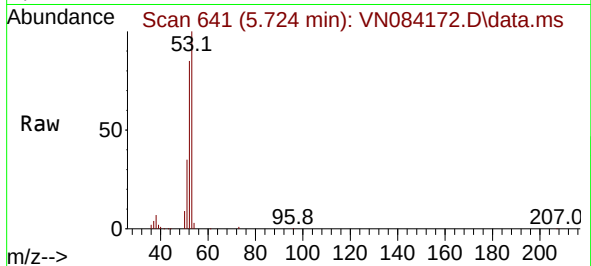
Tgt Ion: 41 Resp: 124436
Ion Ratio Lower Upper
41 100
39 73.5 59.3 88.9
76 36.0 27.7 41.5





#15
Acrylonitrile
Concen: 274.710 ug/l
RT: 5.724 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

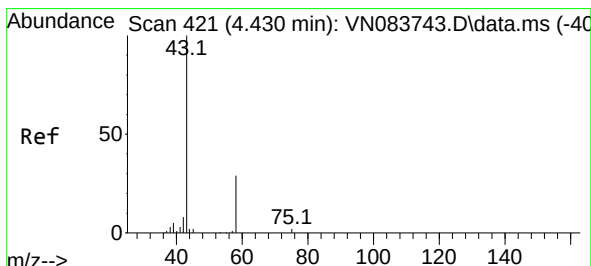
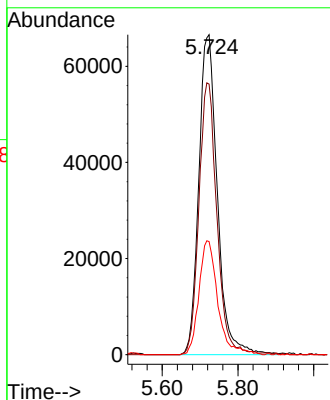
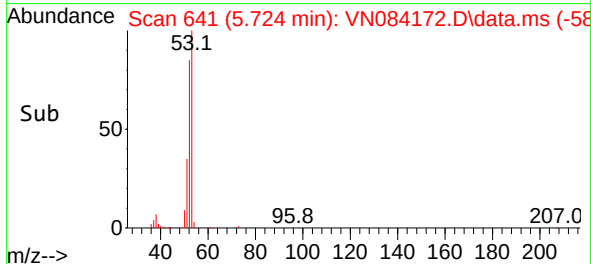
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 226809
Ion Ratio Lower Upper
53 100
52 81.7 66.1 99.1
51 36.2 29.6 44.4

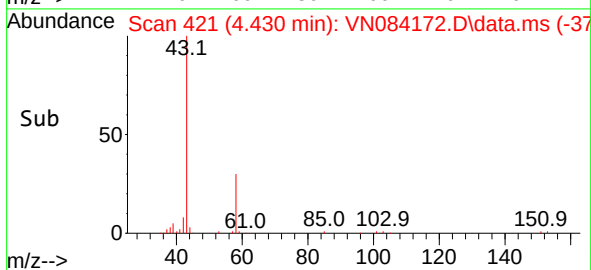
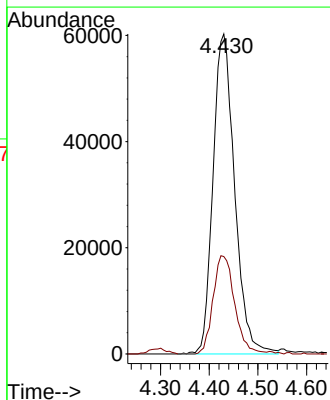
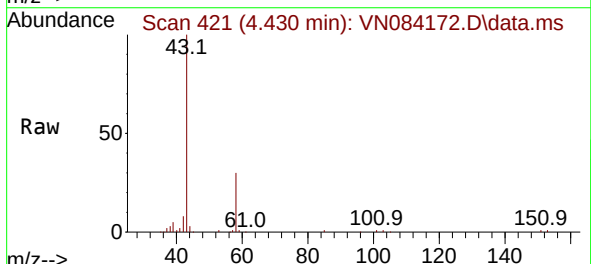
Manual Integrations
APPROVED

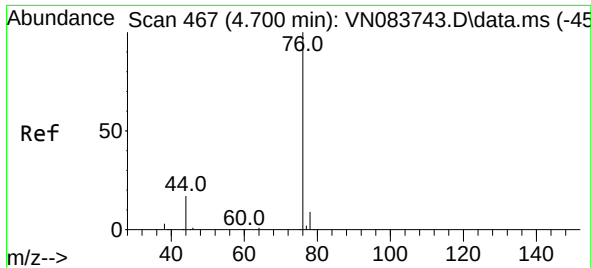
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#16
Acetone
Concen: 204.339 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

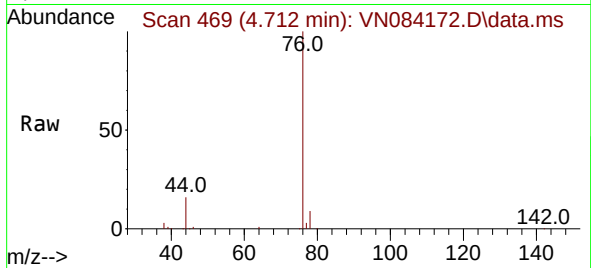
Tgt Ion: 43 Resp: 185711
Ion Ratio Lower Upper
43 100
58 30.5 23.7 35.5





#17
Carbon Disulfide
Concen: 36.441 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

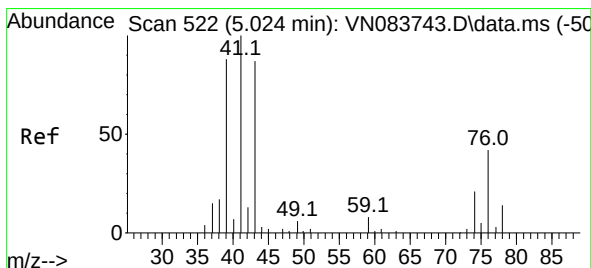
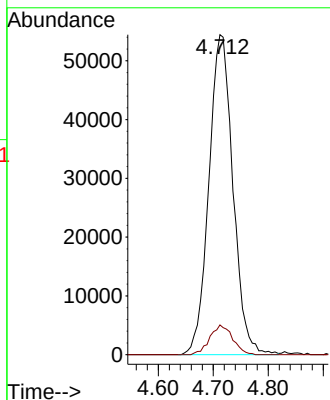
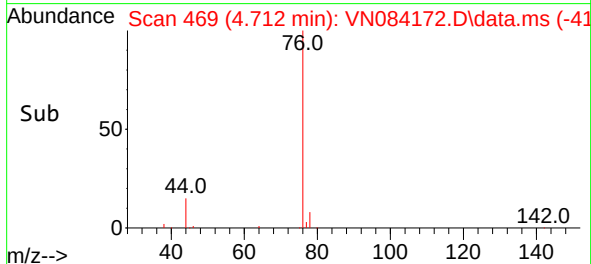
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 165770
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

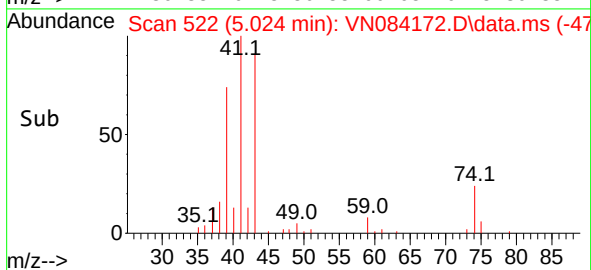
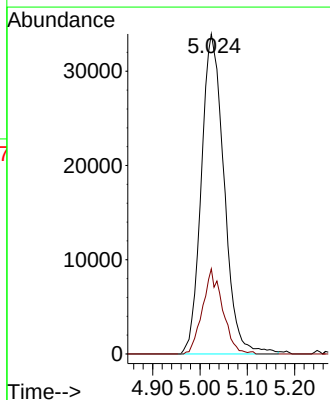
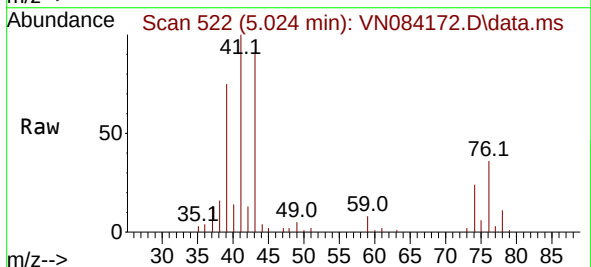
Manual Integrations
APPROVED

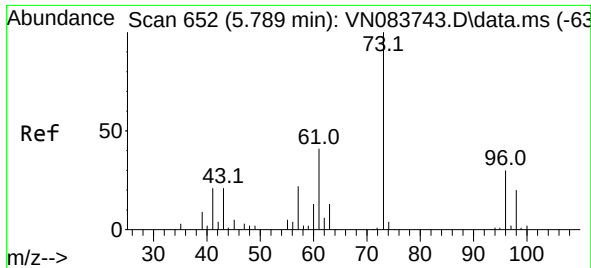
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#18
Methyl Acetate
Concen: 60.248 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Tgt Ion: 43 Resp: 113365
Ion Ratio Lower Upper
43 100
74 23.5 19.0 28.4





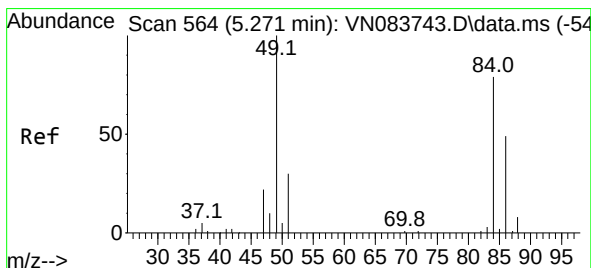
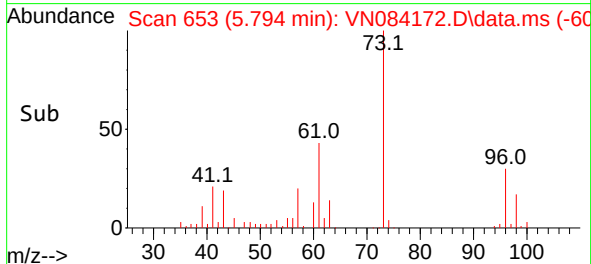
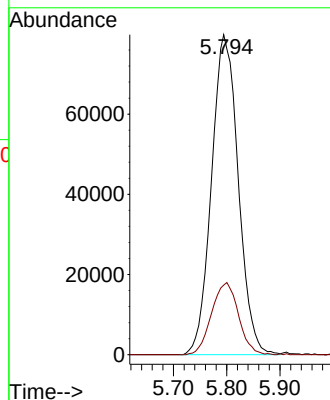
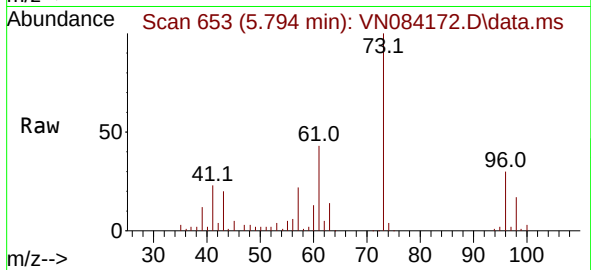
#19
Methyl tert-butyl Ether
Concen: 47.315 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 27843
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6

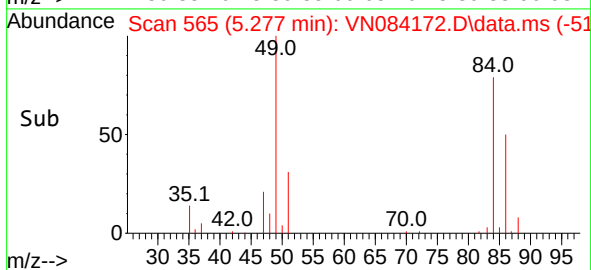
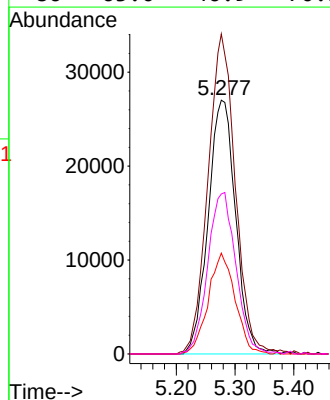
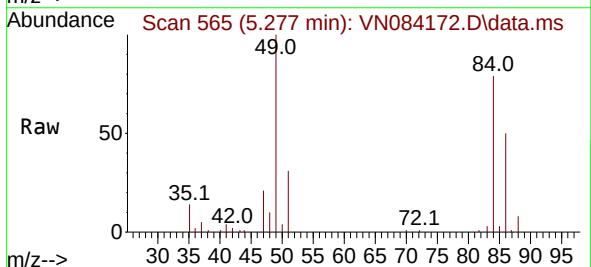
Manual Integrations
APPROVED

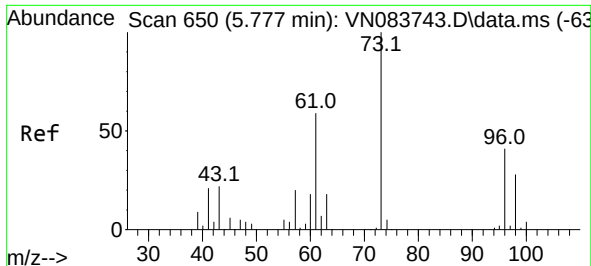
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#20
Methylene Chloride
Concen: 47.222 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Tgt Ion: 84 Resp: 87824
Ion Ratio Lower Upper
84 100
49 125.3 93.4 140.0
51 39.7 29.2 43.8
86 63.0 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 44.345 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

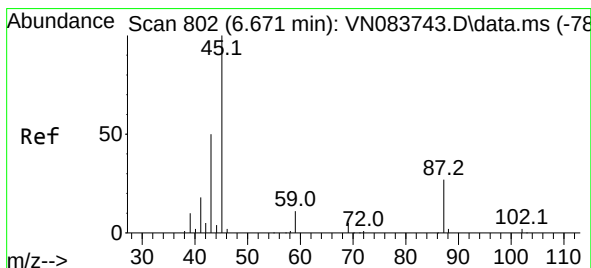
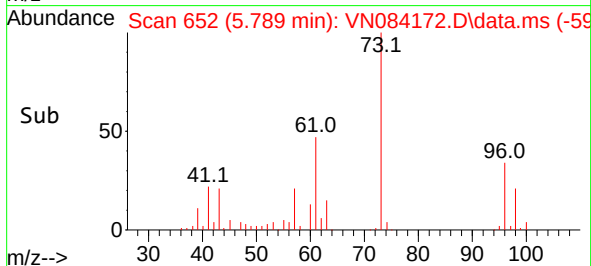
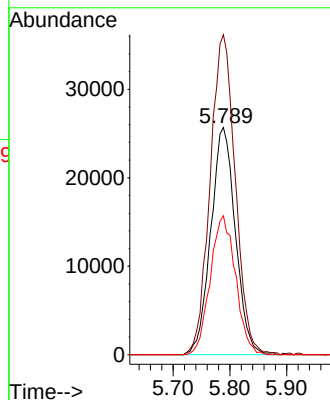
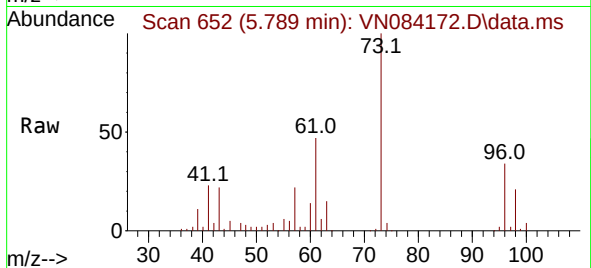
VSTDCCC050EC

Tgt Ion: 96 Resp: 7728
Ion Ratio Lower Upper
96 100
61 140.9 106.0 159.0
98 61.1 52.2 78.2

Manual Integrations

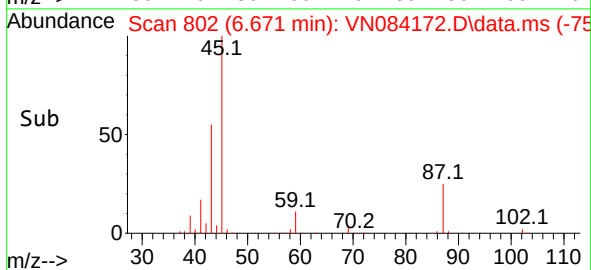
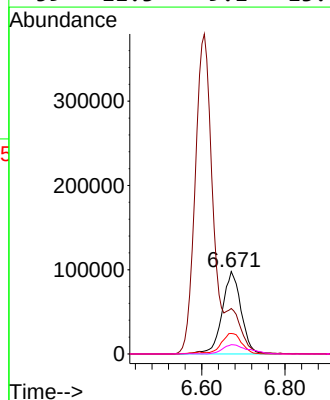
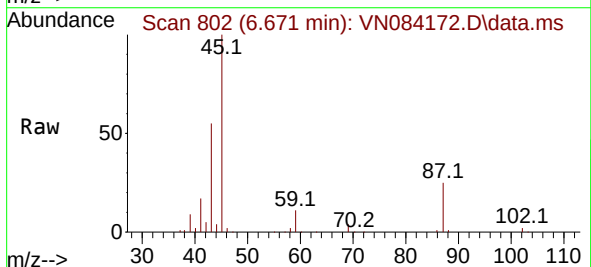
APPROVED

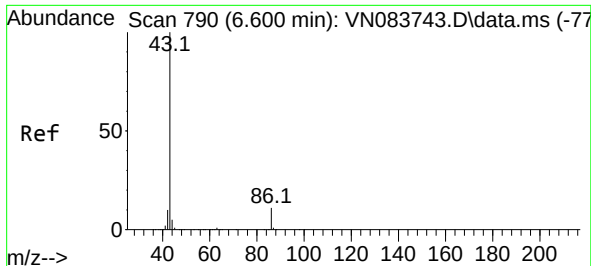
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#22
Diisopropyl ether
Concen: 51.596 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

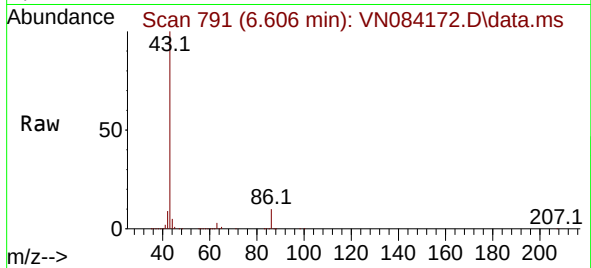
Tgt Ion: 45 Resp: 307775
Ion Ratio Lower Upper
45 100
43 53.9 43.4 65.0
87 24.9 22.6 33.8
59 11.3 9.1 13.7





#23
 Vinyl Acetate
 Concen: 247.782 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN084172.D
 Acq: 25 Sep 2024 20:11

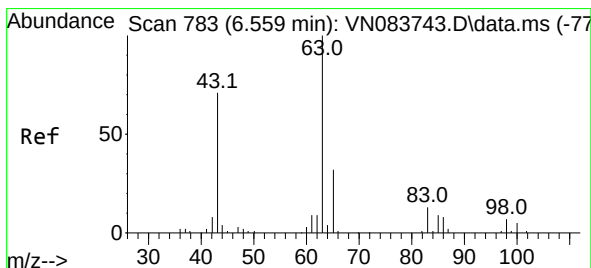
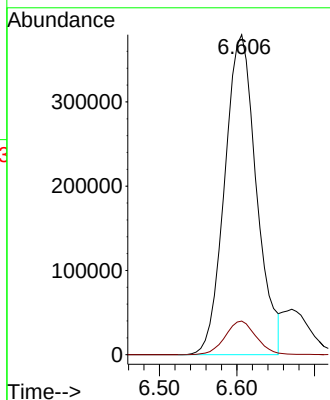
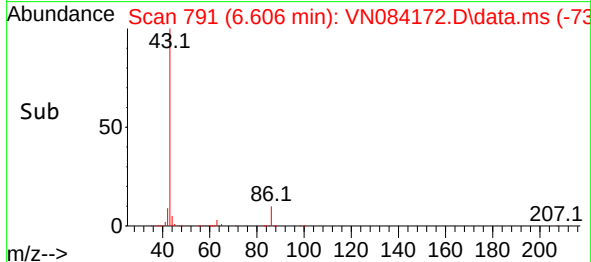
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



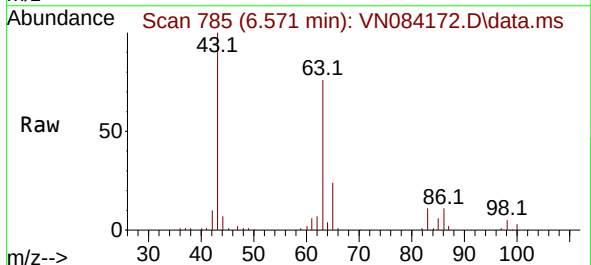
Tgt Ion: 43 Resp: 1082390
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.7 13.1

Manual Integrations
 APPROVED

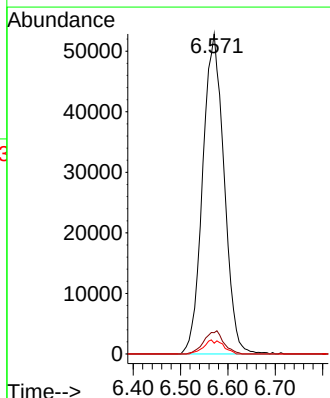
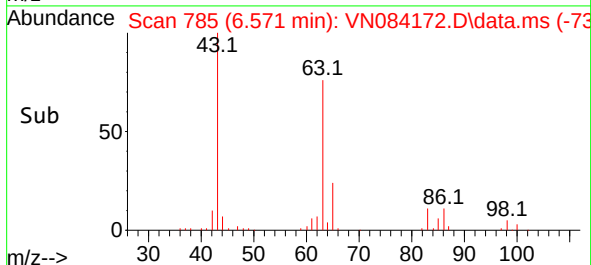
Reviewed By :John Carlone 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

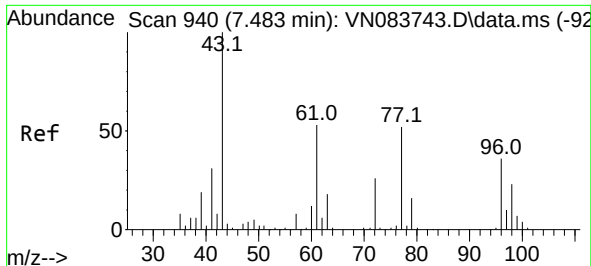


#24
 1,1-Dichloroethane
 Concen: 48.272 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.012 min
 Lab File: VN084172.D
 Acq: 25 Sep 2024 20:11



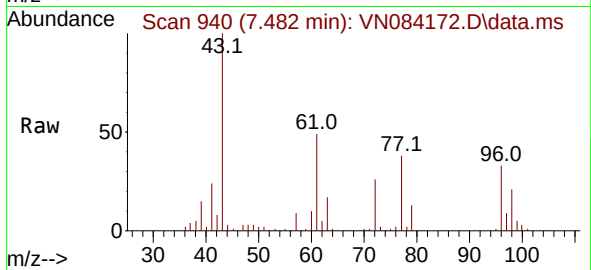
Tgt Ion: 63 Resp: 165893
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 3.3 2.5 7.5





#25
2-Butanone
Concen: 248.231 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

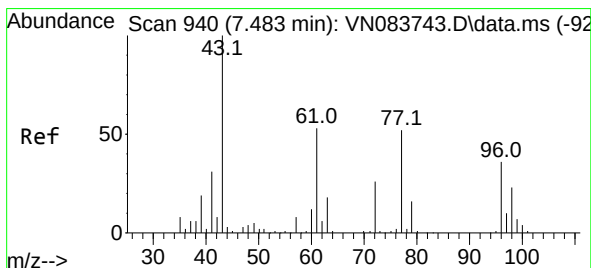
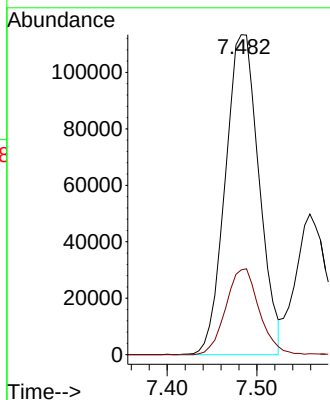
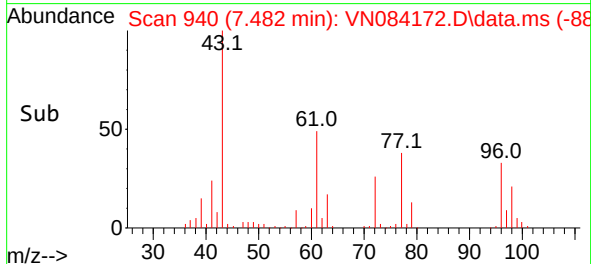
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



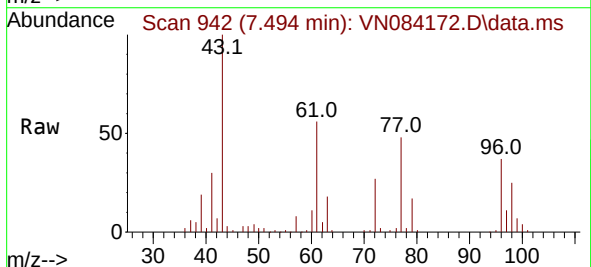
Tgt Ion: 43 Resp: 29651
Ion Ratio Lower Upper
43 100
72 26.5 20.8 31.2

Manual Integrations
APPROVED

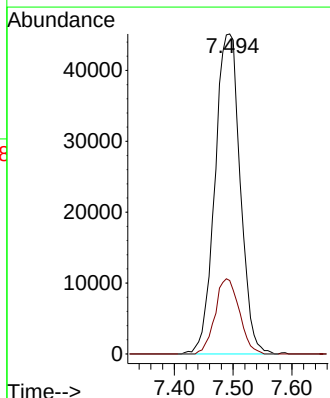
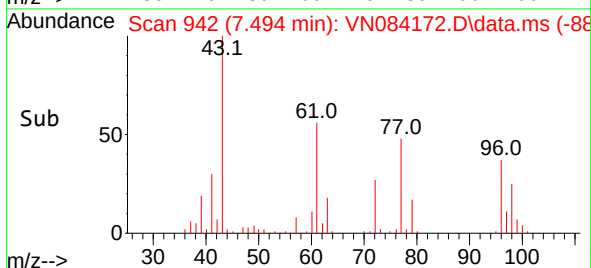
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

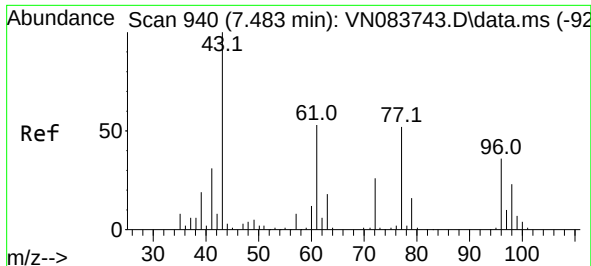


#26
2,2-Dichloropropane
Concen: 42.510 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11



Tgt Ion: 77 Resp: 134538
Ion Ratio Lower Upper
77 100
97 22.6 10.2 30.4





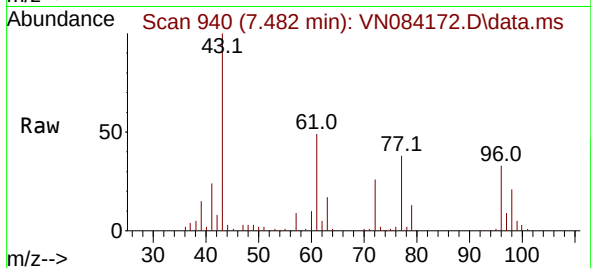
#27
cis-1,2-Dichloroethene
Concen: 48.201 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



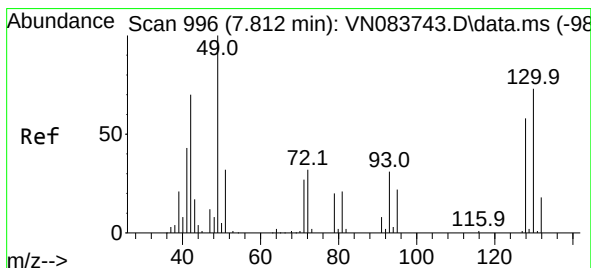
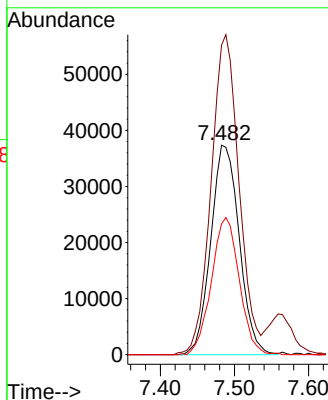
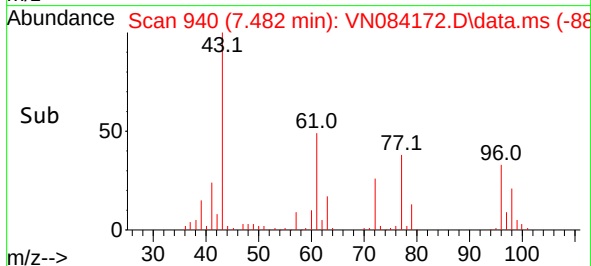
Tgt Ion: 96 Resp: 9972
Ion Ratio Lower Upper
96 100
61 149.5 0.0 306.2
98 64.2 0.0 128.6

Manual Integrations

APPROVED

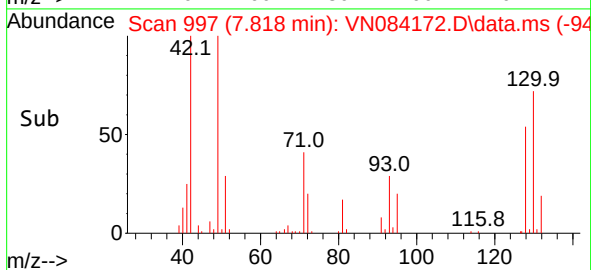
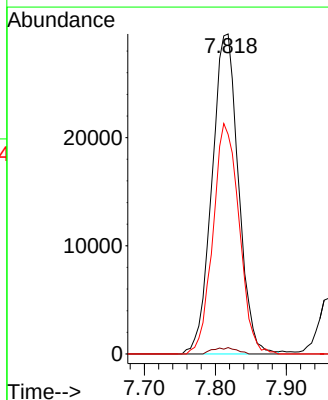
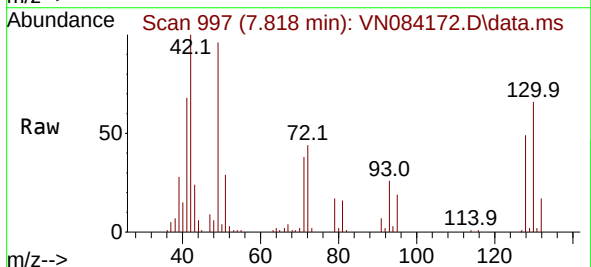
Reviewed By :John Carlone 09/26/2024

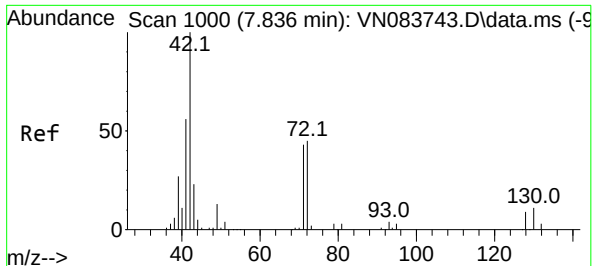
Supervised By :Mahesh Dadoda 09/26/2024



#28
Bromochloromethane
Concen: 52.915 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Tgt Ion: 49 Resp: 76580
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.4
130 71.1 60.2 90.2





#29

Tetrahydrofuran

Concen: 272.101 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

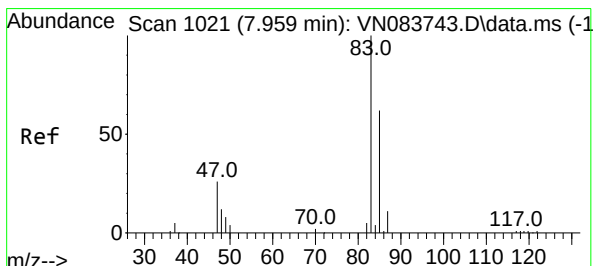
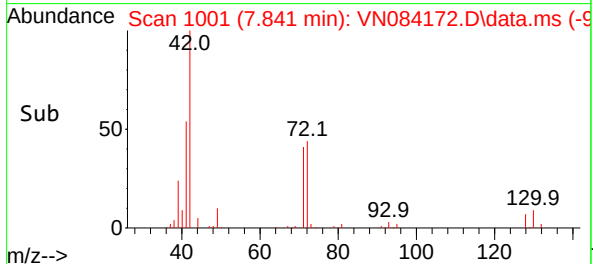
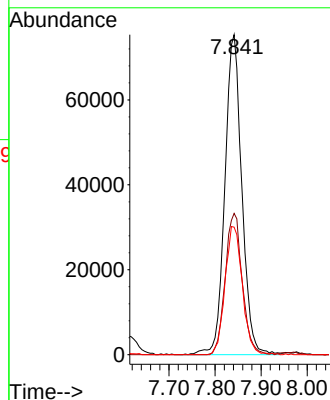
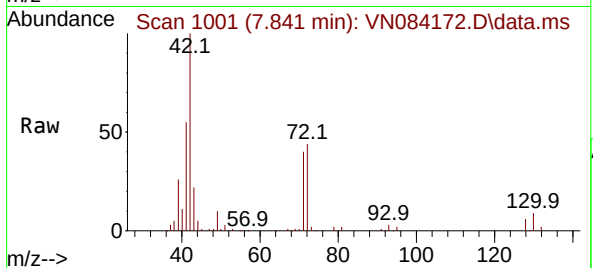
Tgt Ion:	42	Resp:	19218
Ion Ratio	Lower	Upper	
42	100		
72	44.3	35.9	53.9
71	40.9	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#30

Chloroform

Concen: 48.160 ug/l

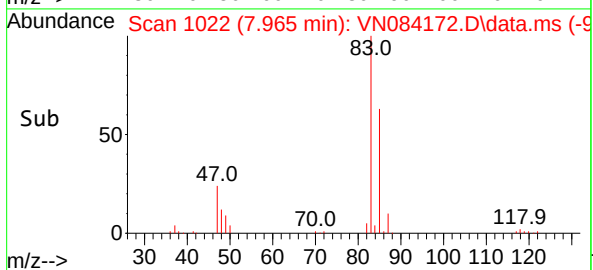
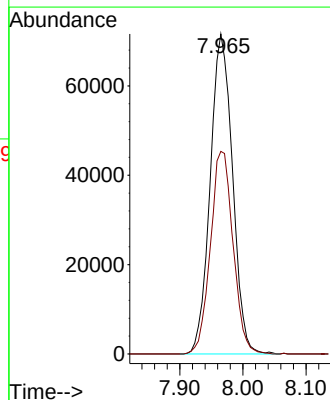
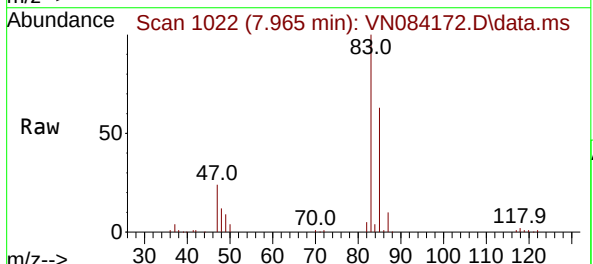
RT: 7.965 min Scan# 1022

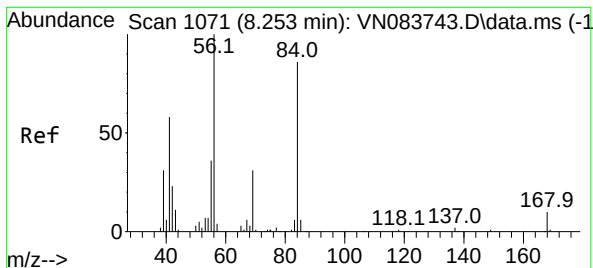
Delta R.T. 0.006 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Tgt Ion:	83	Resp:	175709
Ion Ratio	Lower	Upper	
83	100		
85	63.3	52.8	79.2





#31

Cyclohexane

Concen: 38.189 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 12513

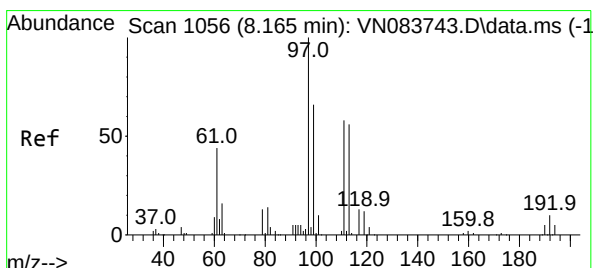
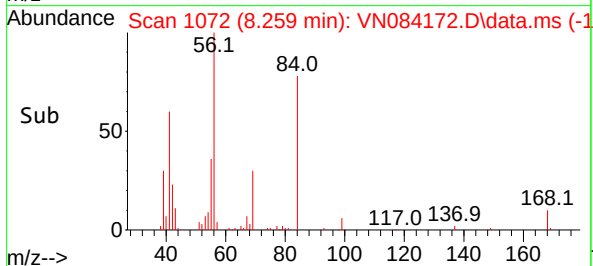
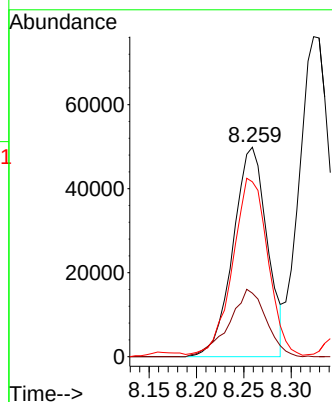
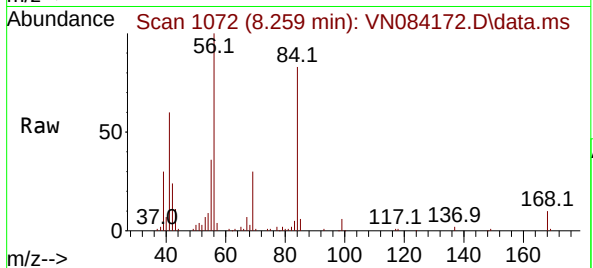
Ion	Ratio	Lower	Upper
56	100		
69	30.4	26.9	40.3
84	81.8	69.2	103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#32

1,1,1-Trichloroethane

Concen: 45.683 ug/l

RT: 8.165 min Scan# 1056

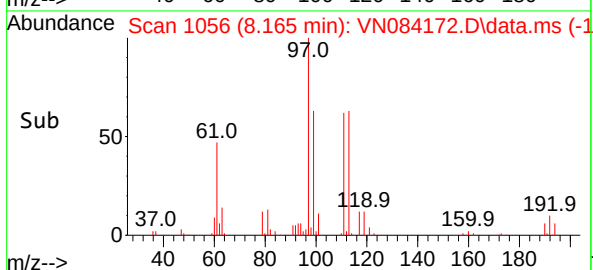
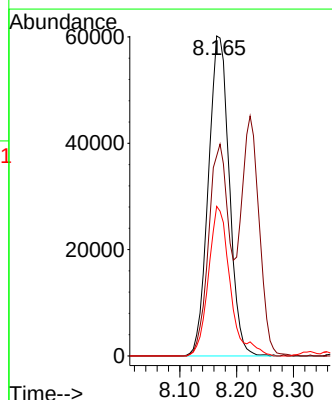
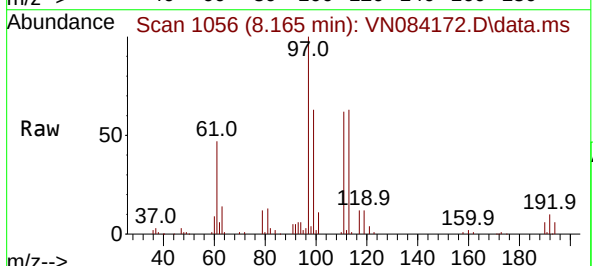
Delta R.T. -0.000 min

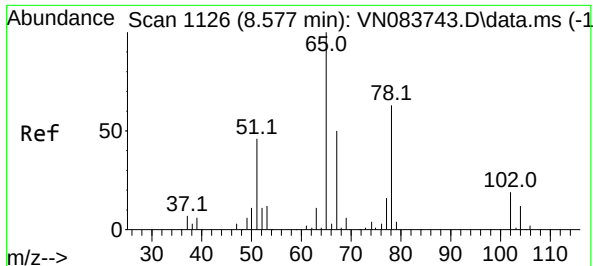
Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Tgt Ion: 97 Resp: 153256

Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.3	78.5
61	48.6	38.2	57.2





#33

1,2-Dichloroethane-d4

Concen: 51.830 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC

Tgt Ion: 65 Resp: 11750

Ion Ratio Lower Upper

65 100

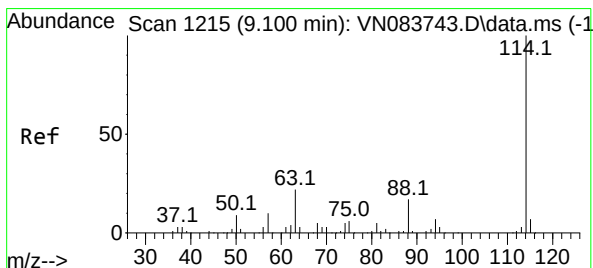
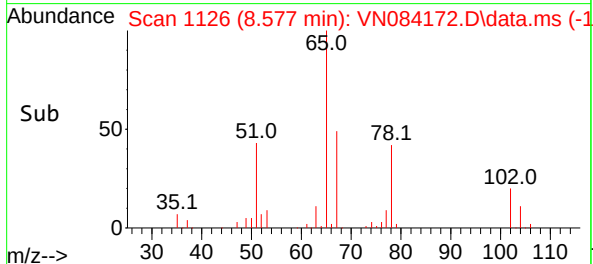
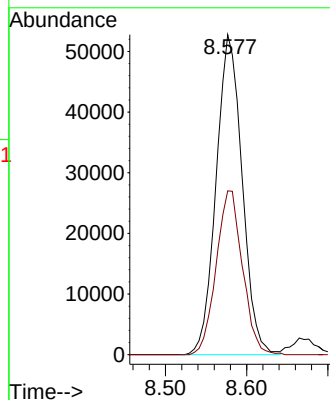
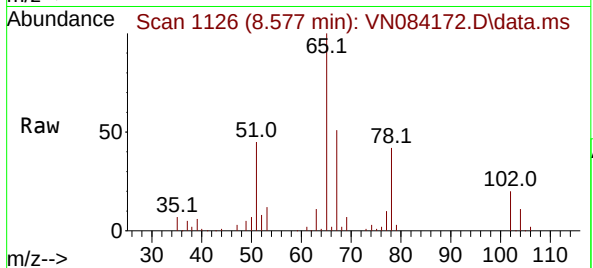
67 51.7 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

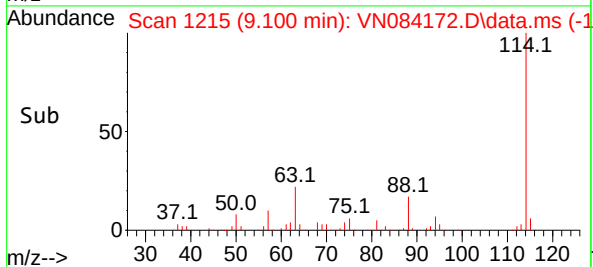
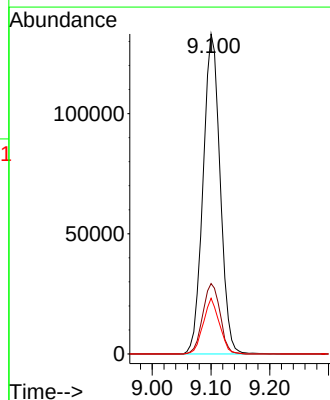
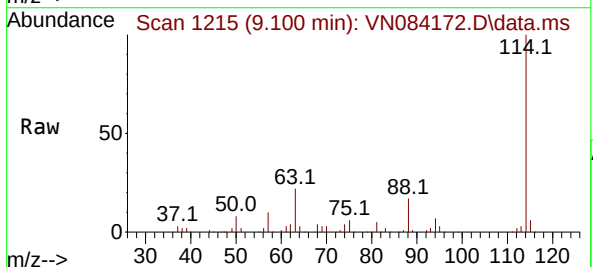
Tgt Ion:114 Resp: 267759

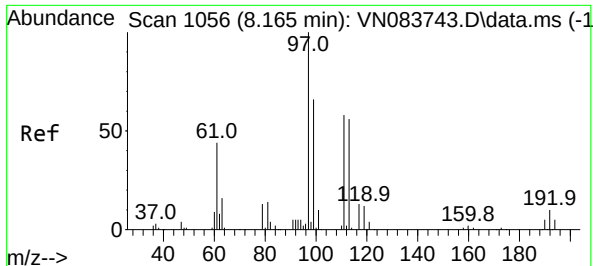
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 17.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.009 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

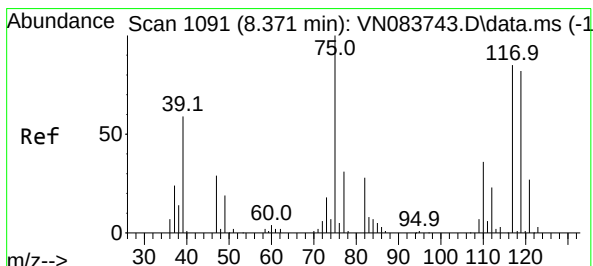
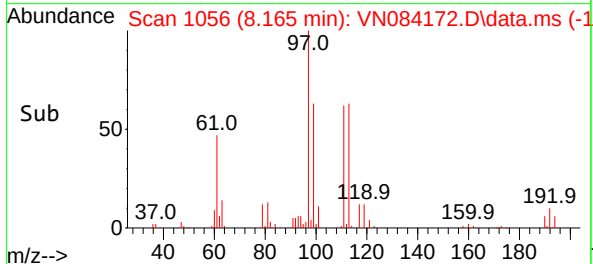
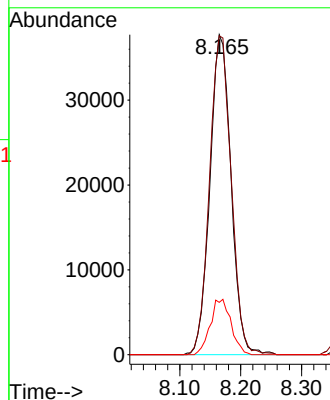
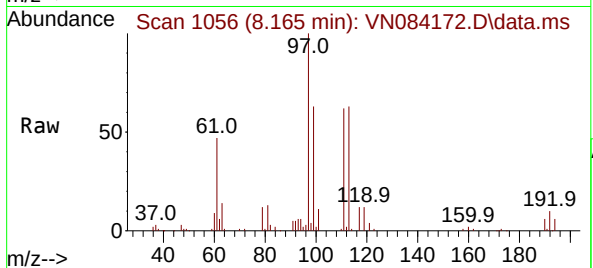
Tgt Ion:	113	Resp:	9086
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.6	124.0
192	17.0	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#36

1,1-Dichloropropene

Concen: 44.532 ug/l

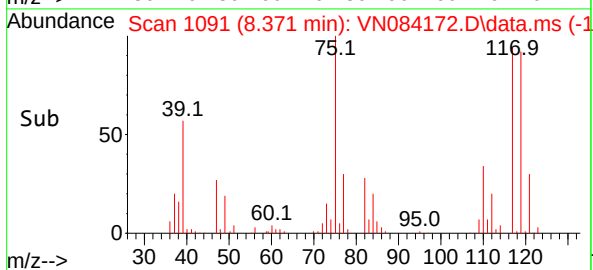
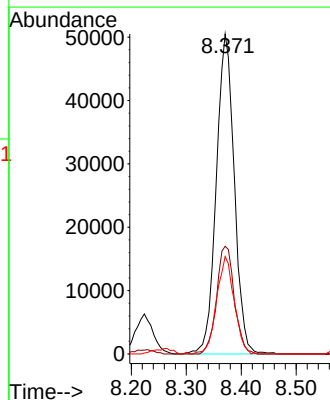
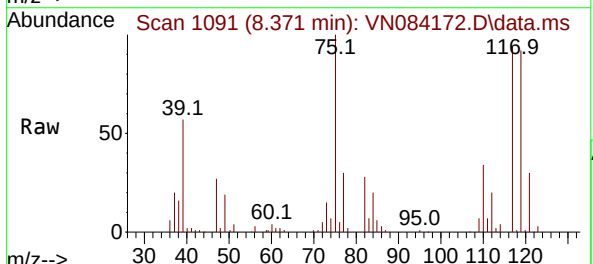
RT: 8.371 min Scan# 1091

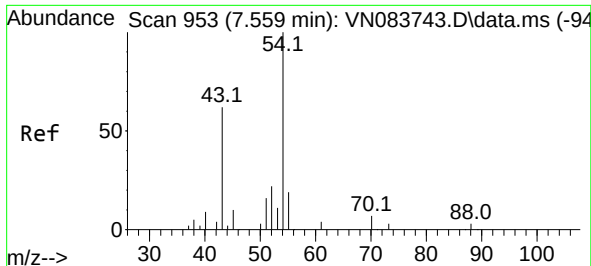
Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

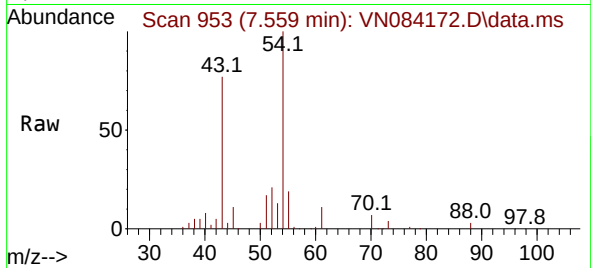
Tgt Ion:	75	Resp:	114896
Ion Ratio	Lower	Upper	
75	100		
110	33.0	16.7	50.1
77	29.8	25.2	37.8





#37
Ethyl Acetate
Concen: 51.860 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

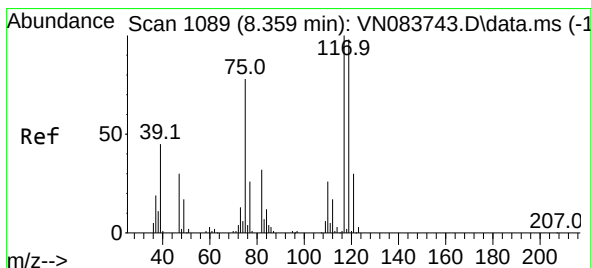
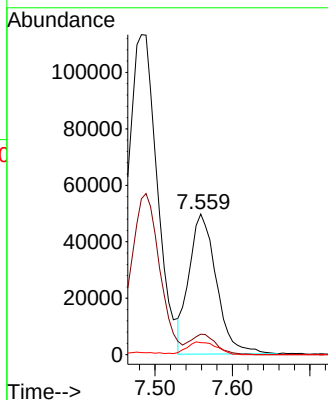
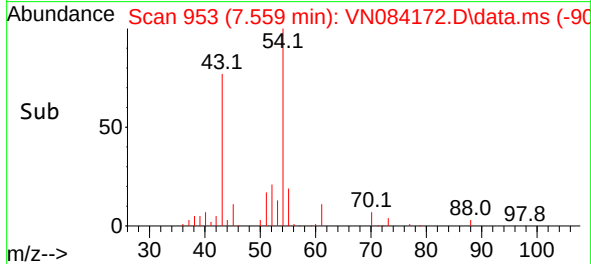
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 12145
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 9.8 8.8 13.2

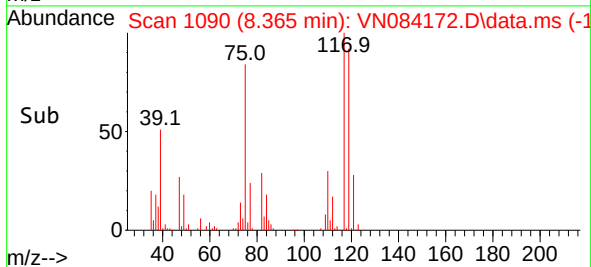
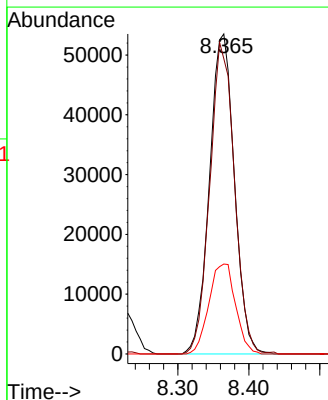
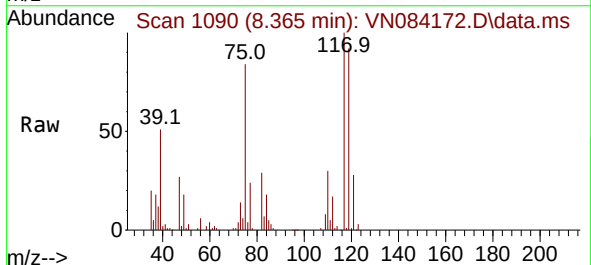
Manual Integrations
APPROVED

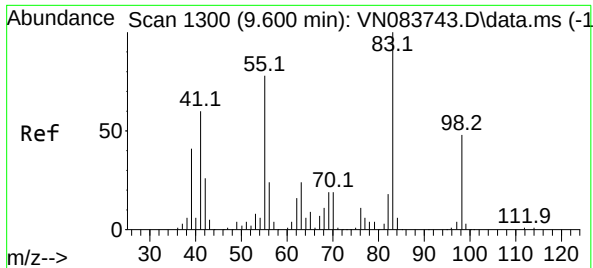
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#38
Carbon Tetrachloride
Concen: 44.498 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

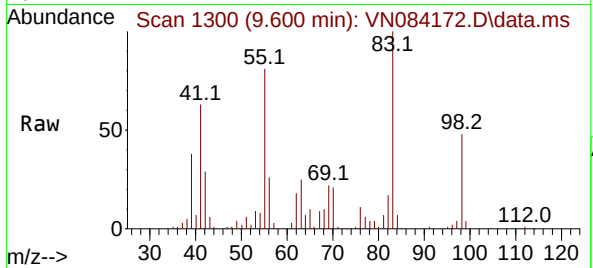
Tgt Ion:117 Resp: 130249
Ion Ratio Lower Upper
117 100
119 92.3 76.1 114.1
121 28.1 24.1 36.1





#39
Methylcyclohexane
Concen: 39.551 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

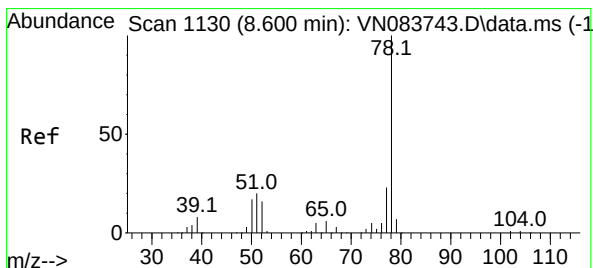
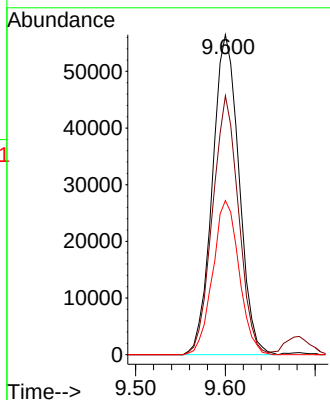
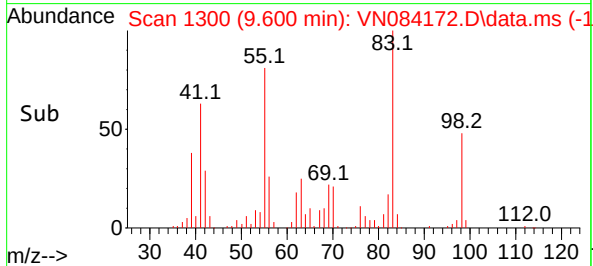
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 116152
Ion Ratio Lower Upper
83 100
55 80.9 62.2 93.4
98 48.1 37.6 56.4

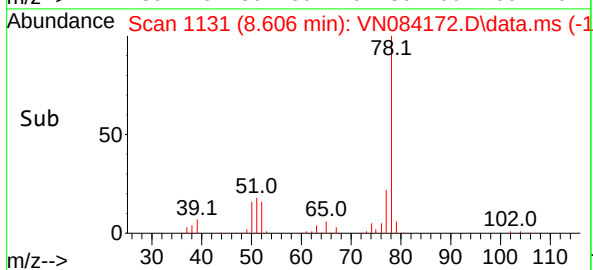
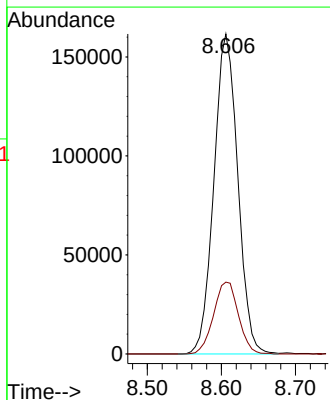
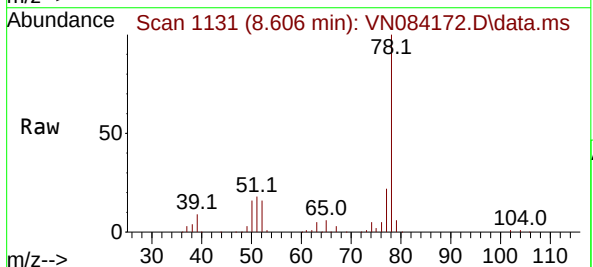
Manual Integrations
APPROVED

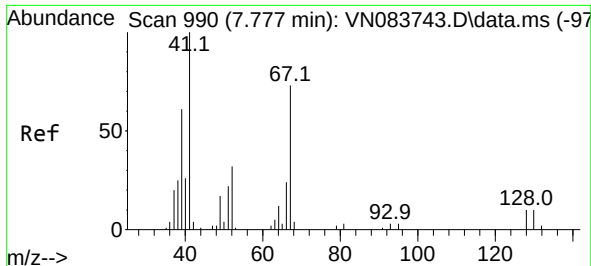
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#40
Benzene
Concen: 46.508 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

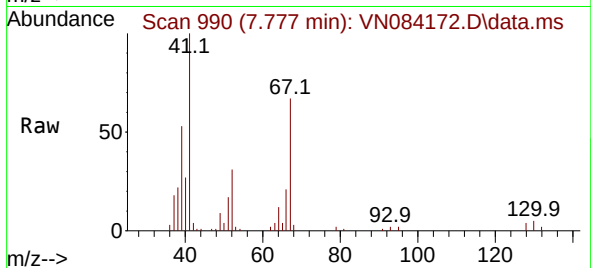
Tgt Ion: 78 Resp: 361162
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.6





#41
Methacrylonitrile
Concen: 51.314 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

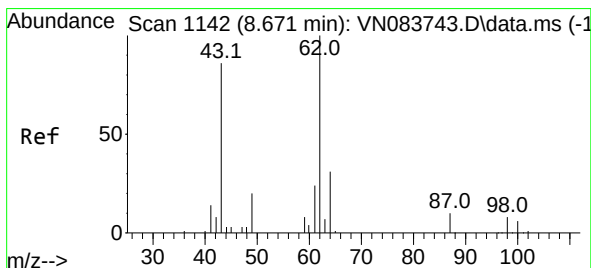
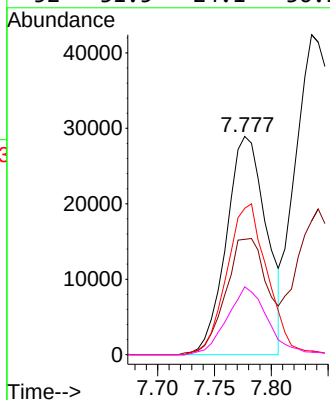
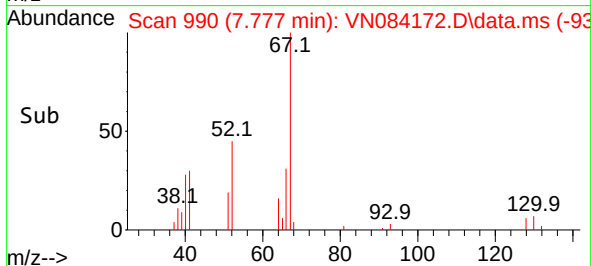
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	7107
Ion Ratio	100	Lower	Upper
39	55.7	45.4	68.2
67	70.4	55.9	83.9
52	31.5	24.1	36.1

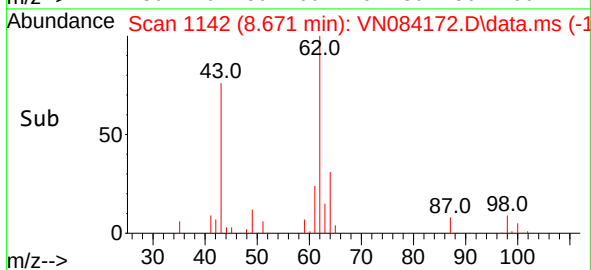
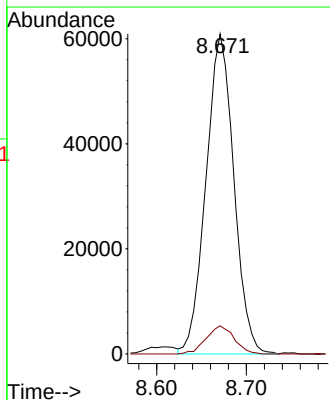
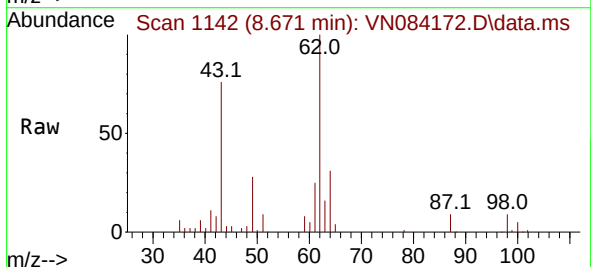
Manual Integrations
APPROVED

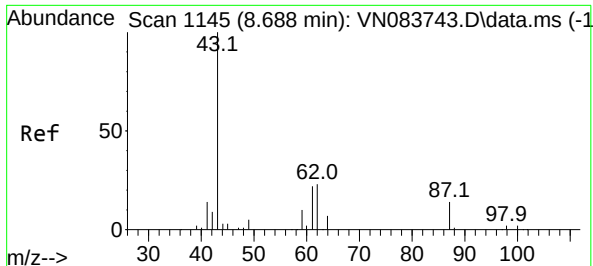
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#42
1,2-Dichloroethane
Concen: 45.304 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

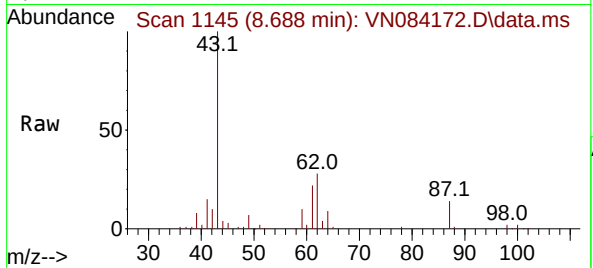
Tgt Ion:	62	Resp:	131460
Ion Ratio	100	Lower	Upper
98	8.8	0.0	16.6





#43
Isopropyl Acetate
Concen: 50.174 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

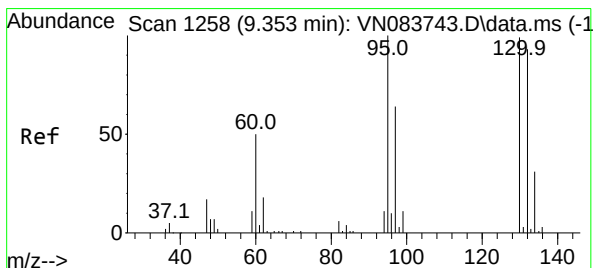
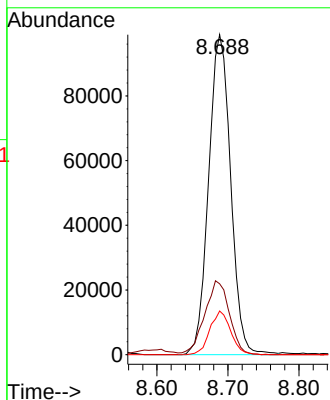
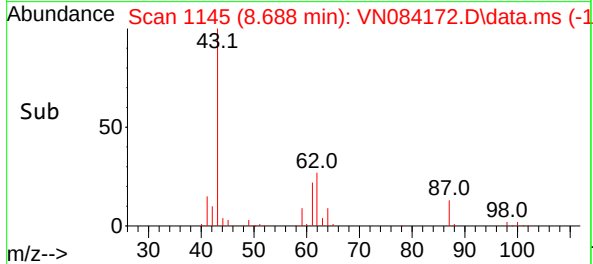
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 21293
Ion Ratio Lower Upper
43 100
61 26.0 19.4 29.0
87 12.9 9.8 14.6

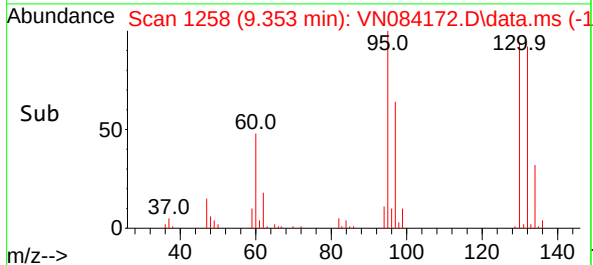
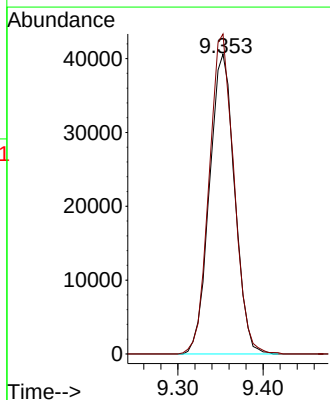
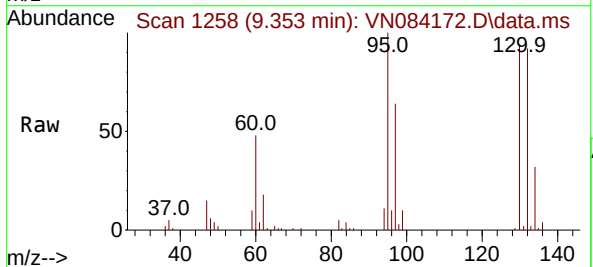
Manual Integrations
APPROVED

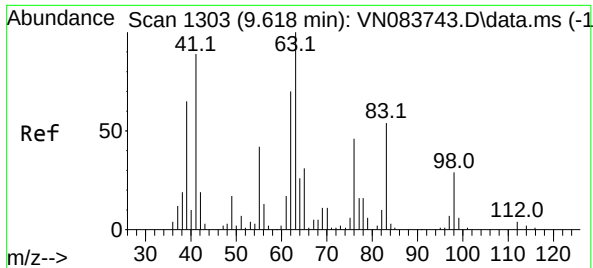
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#44
Trichloroethene
Concen: 46.374 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Tgt Ion:130 Resp: 83396
Ion Ratio Lower Upper
130 100
95 106.7 0.0 200.4





#45

1,2-Dichloropropane

Concen: 49.693 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 93270

Ion Ratio Lower Upper

63 100

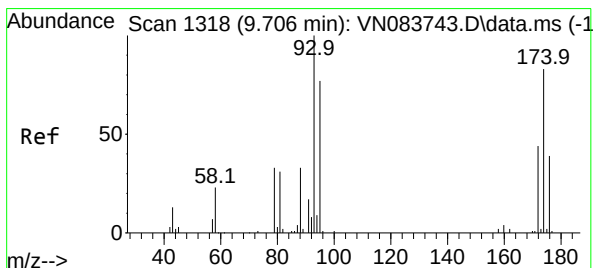
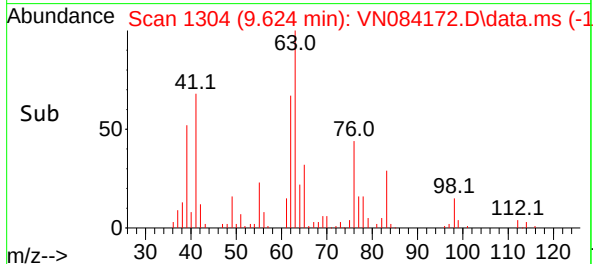
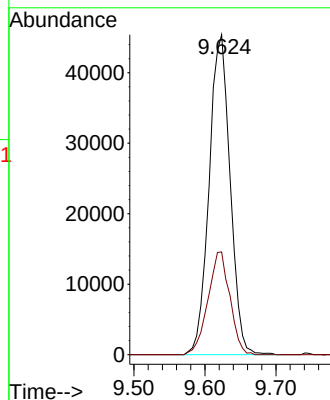
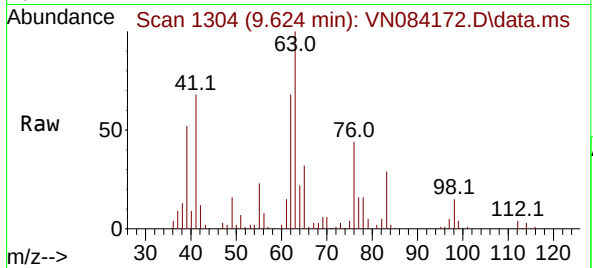
65 32.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#46

Dibromomethane

Concen: 49.683 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

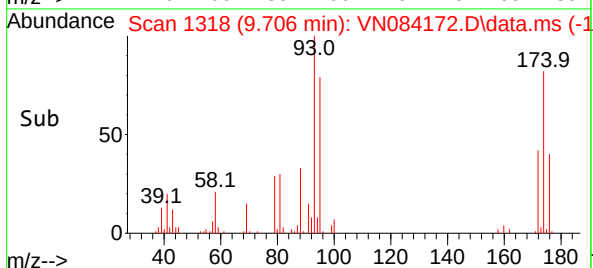
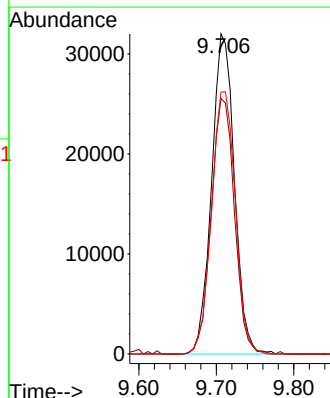
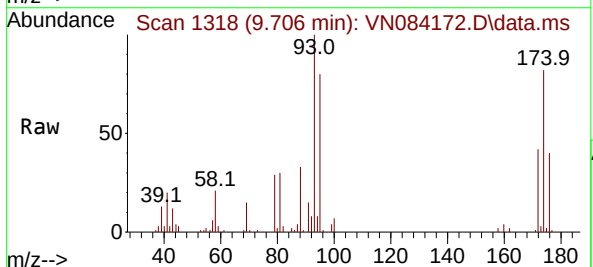
Tgt Ion: 93 Resp: 65316

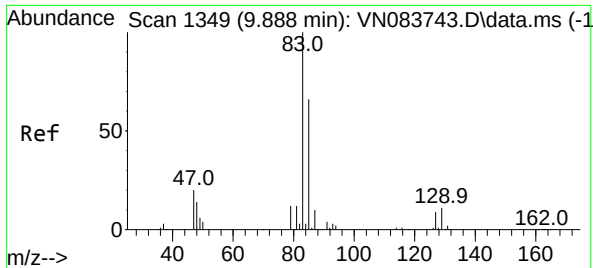
Ion Ratio Lower Upper

93 100

95 81.8 65.3 97.9

174 85.6 71.0 106.4





#47
Bromodichloromethane
Concen: 50.283 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

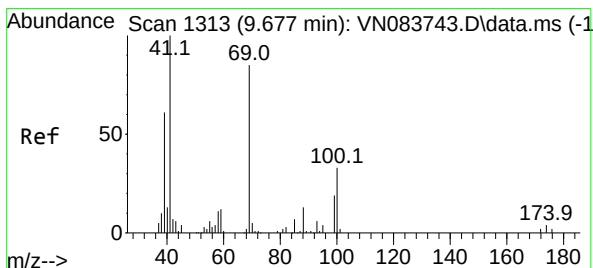
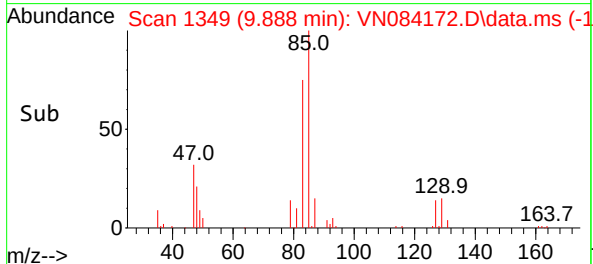
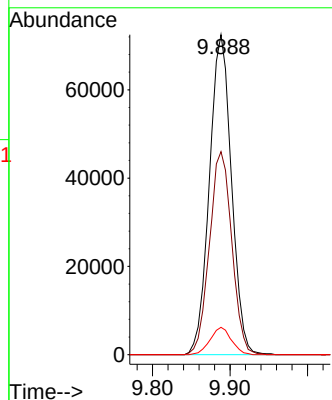
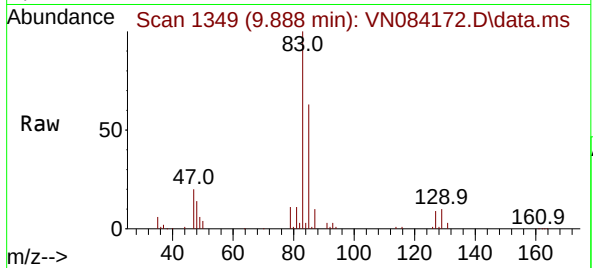
Tgt Ion: 83 Resp: 143064
Ion Ratio Lower Upper
83 100
85 63.4 51.8 77.8
127 8.6 6.6 9.8

Manual Integrations

APPROVED

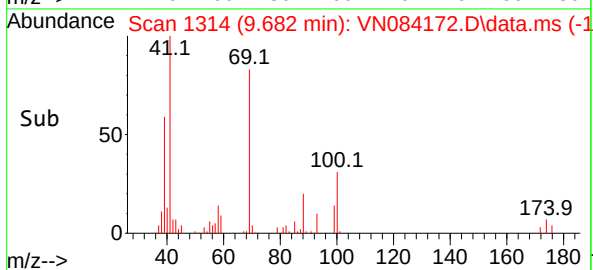
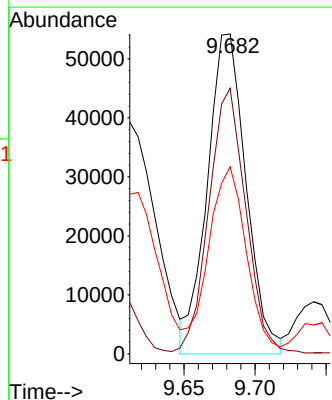
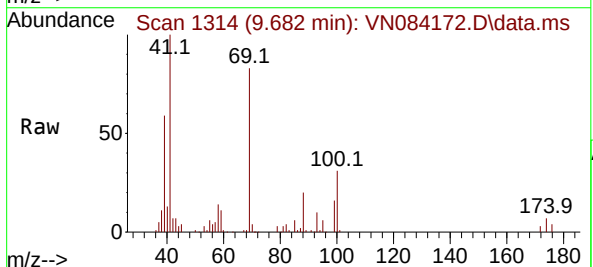
Reviewed By :John Carlone 09/26/2024

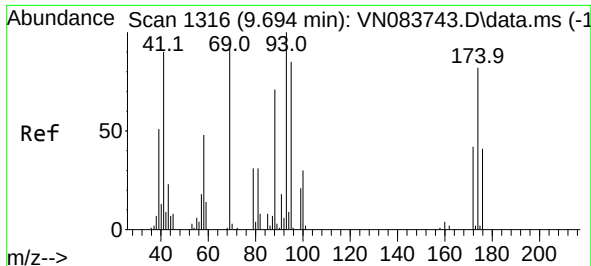
Supervised By :Mahesh Dadoda 09/26/2024



#48
Methyl methacrylate
Concen: 51.112 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

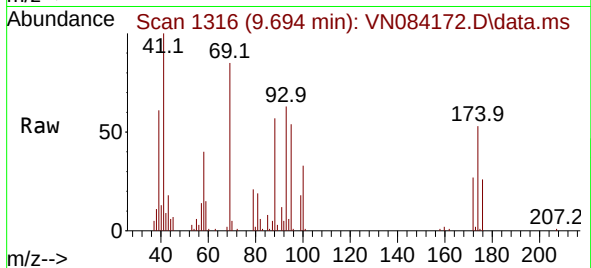
Tgt Ion: 41 Resp: 102913
Ion Ratio Lower Upper
41 100
69 78.7 64.3 96.5
39 57.9 48.9 73.3





#49
1,4-Dioxane
Concen: 944.940 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

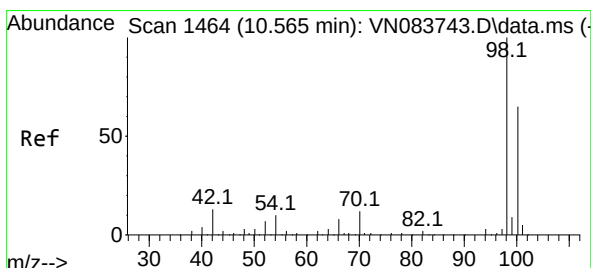
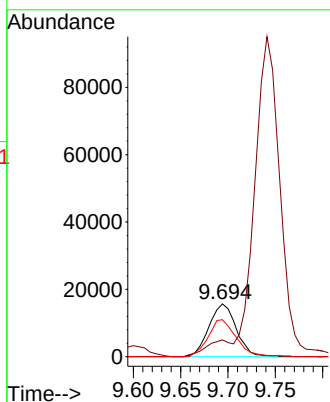
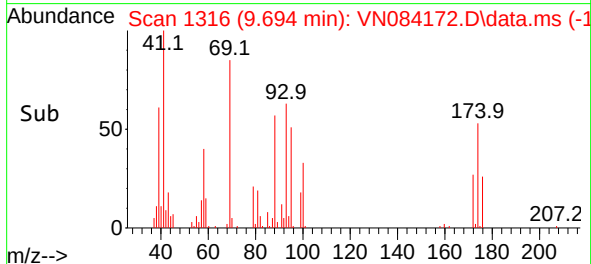
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 31299
Ion Ratio Lower Upper
88 100
43 30.9 0.0 0.0
58 73.2 57.1 85.7

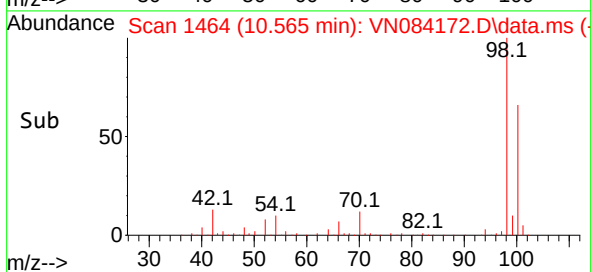
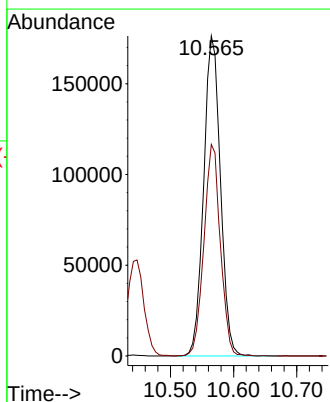
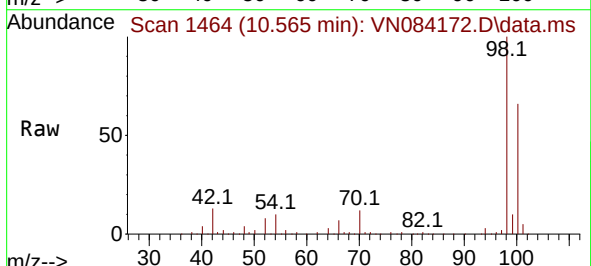
Manual Integrations
APPROVED

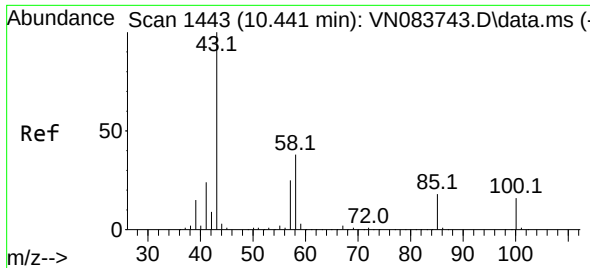
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#50
Toluene-d8
Concen: 54.939 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

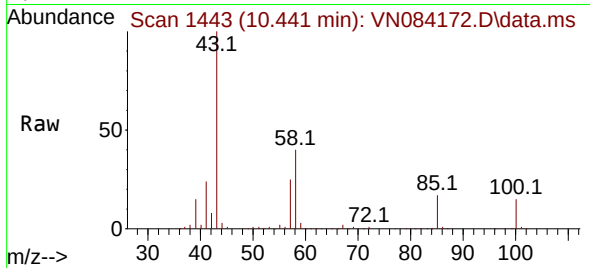
Tgt Ion: 98 Resp: 325567
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 276.959 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

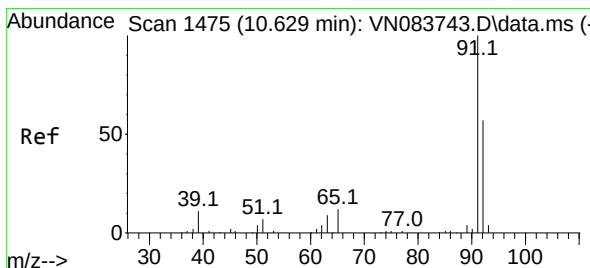
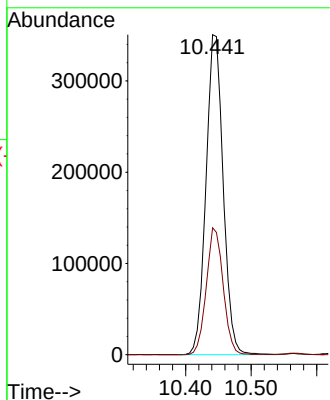
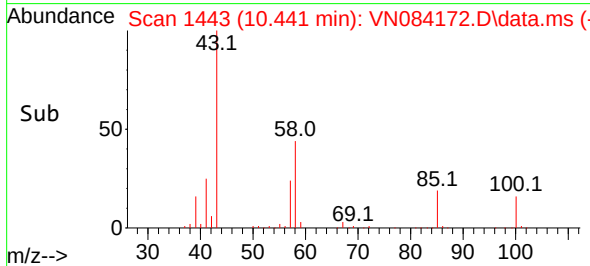
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



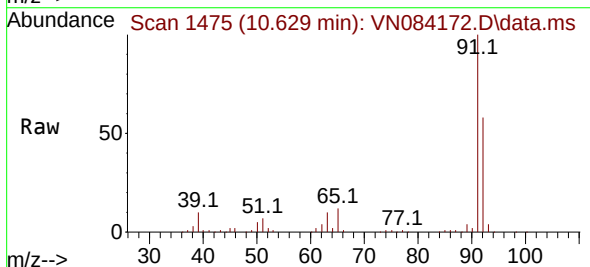
Tgt Ion: 43 Resp: 639819
Ion Ratio Lower Upper
43 100
58 39.0 31.6 47.4

Manual Integrations
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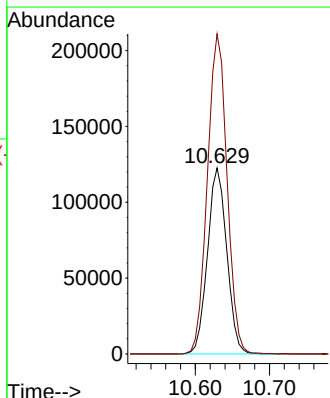
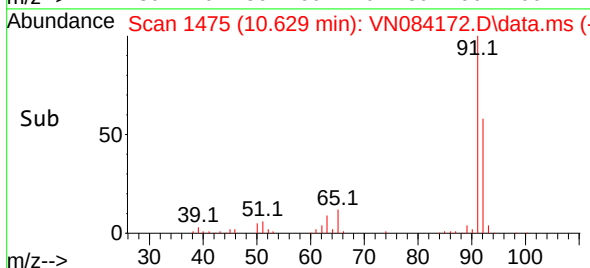
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

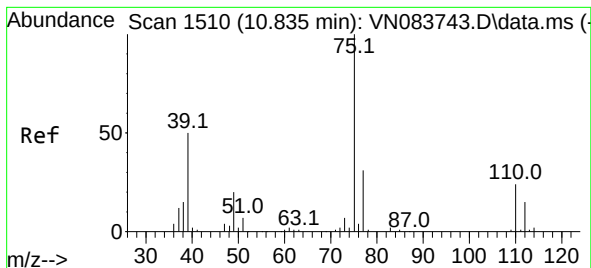


#52
Toluene
Concen: 46.630 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11



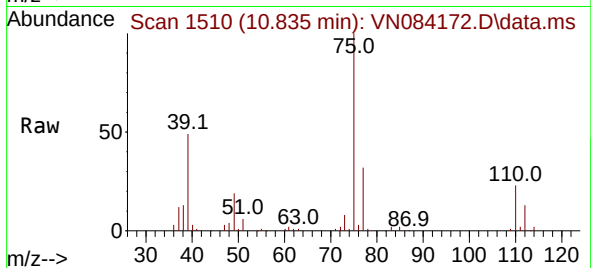
Tgt Ion: 92 Resp: 221492
Ion Ratio Lower Upper
92 100
91 175.5 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 48.898 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

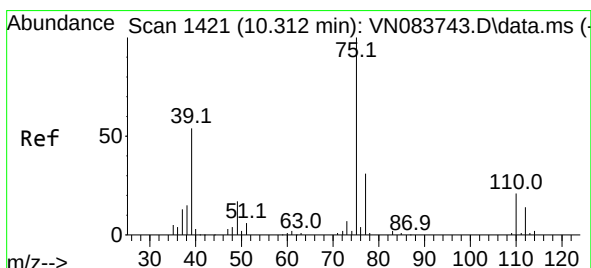
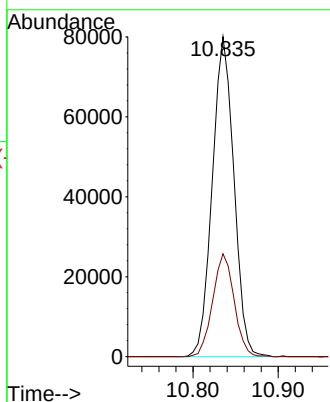
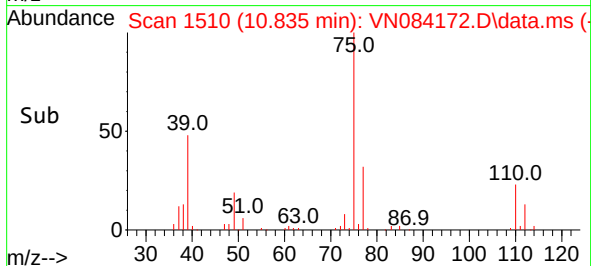
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 141018
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6

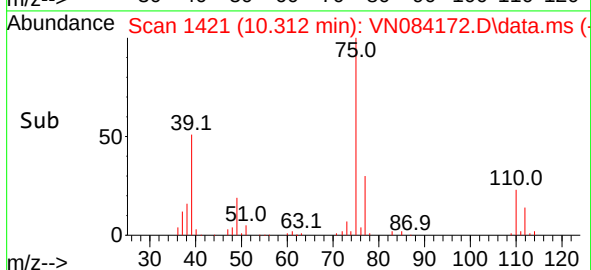
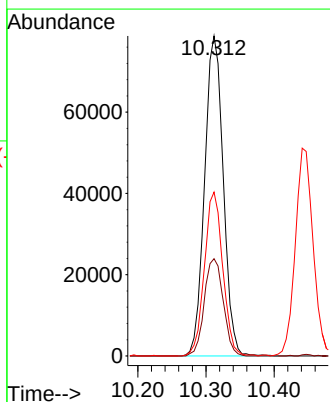
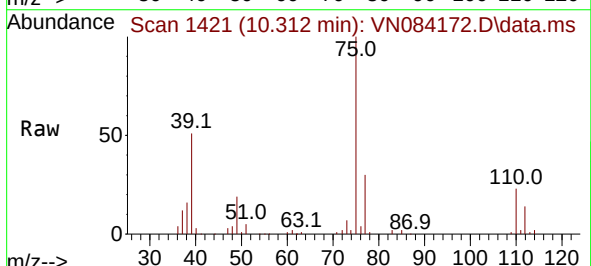
Manual Integrations
APPROVED

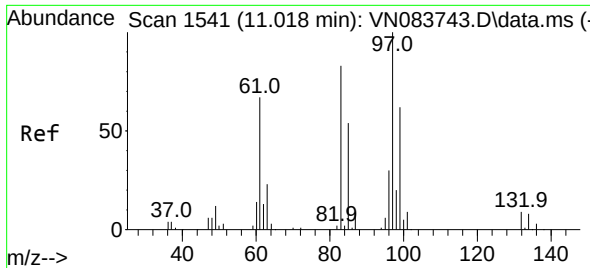
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#54
cis-1,3-Dichloropropene
Concen: 49.542 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

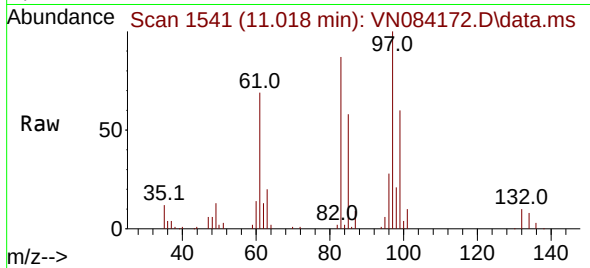
Tgt Ion: 75 Resp: 150081
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.6
39 51.2 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 50.364 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

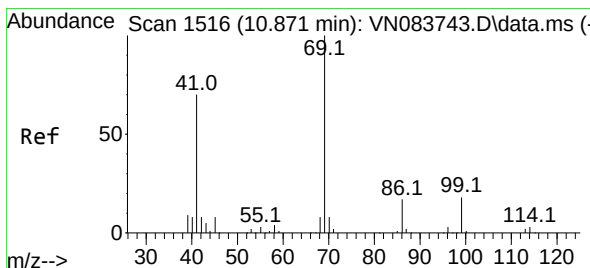
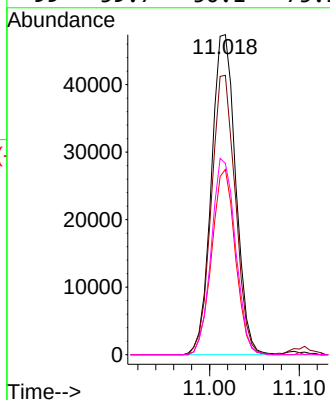
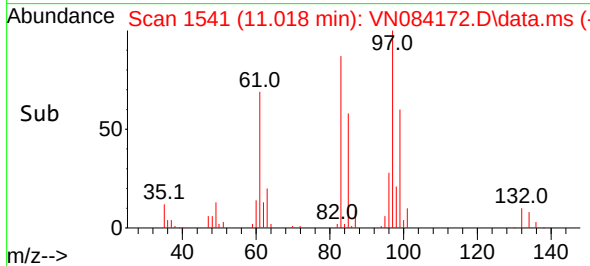
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



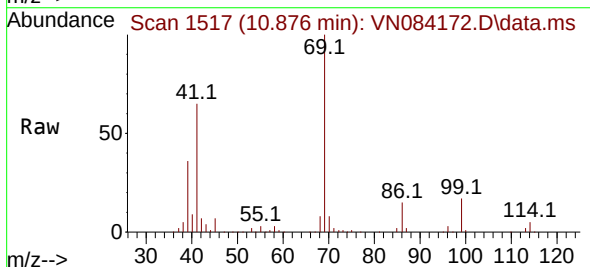
Tgt Ion:	97	Resp:	8931
Ion Ratio	100	Lower	Upper
97	100		
83	87.3	67.5	101.3
85	57.9	44.2	66.2
99	59.7	50.1	75.1

Manual Integrations
APPROVED

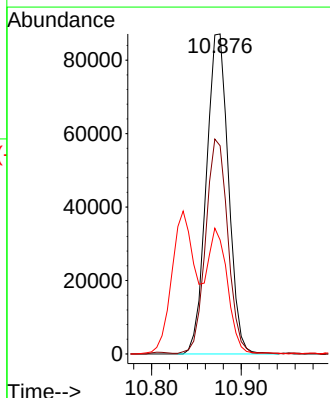
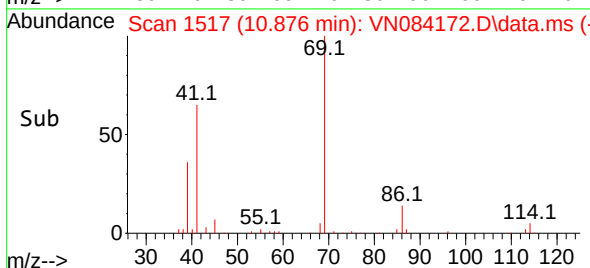
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

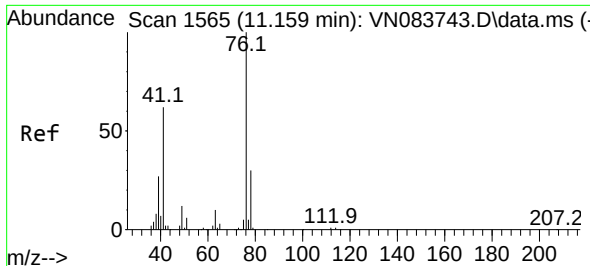


#56
Ethyl methacrylate
Concen: 54.625 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11



Tgt Ion:	69	Resp:	149035
Ion Ratio	100	Lower	Upper
69	100		
41	66.8	53.9	80.9
39	37.7	32.6	48.8





#57

1,3-Dichloropropane

Concen: 50.294 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 153280

Ion Ratio Lower Upper

76 100

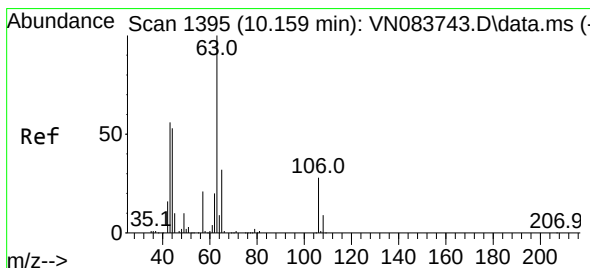
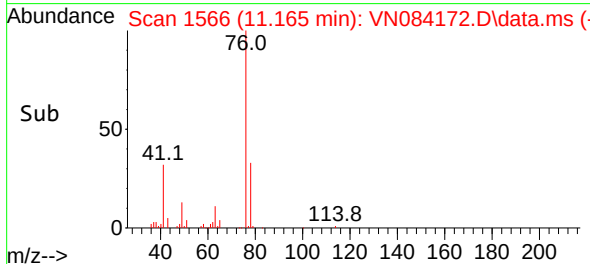
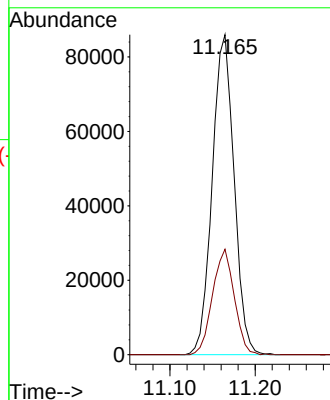
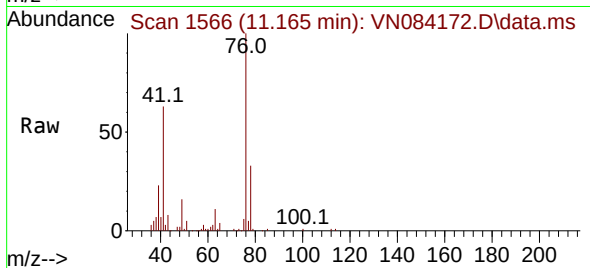
78 32.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#58

2-Chloroethyl Vinyl ether

Concen: 310.202 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084172.D

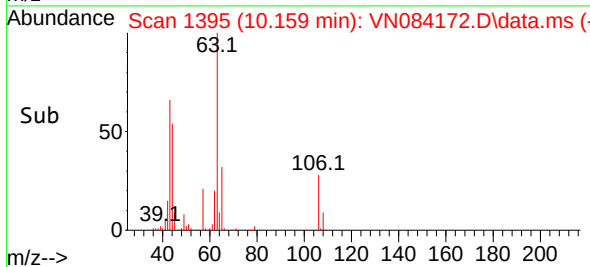
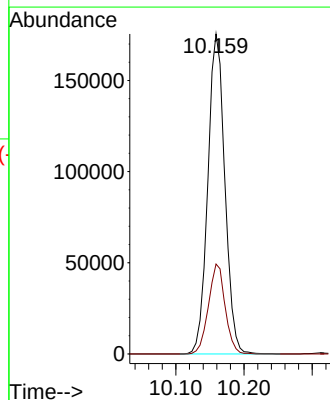
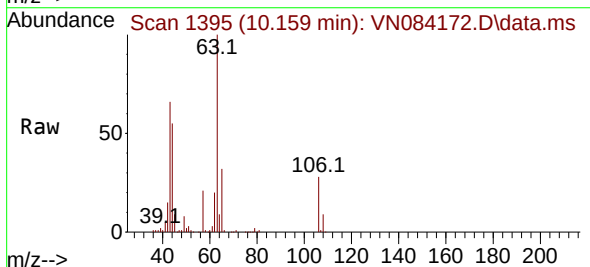
Acq: 25 Sep 2024 20:11

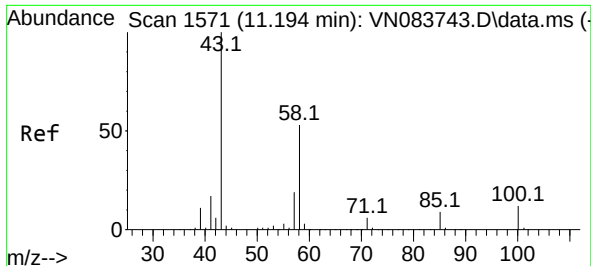
Tgt Ion: 63 Resp: 304953

Ion Ratio Lower Upper

63 100

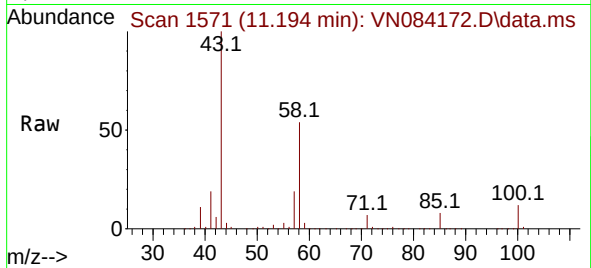
106 27.5 23.3 34.9





#59
2-Hexanone
Concen: 268.446 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

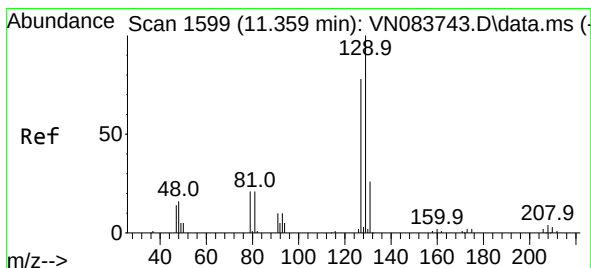
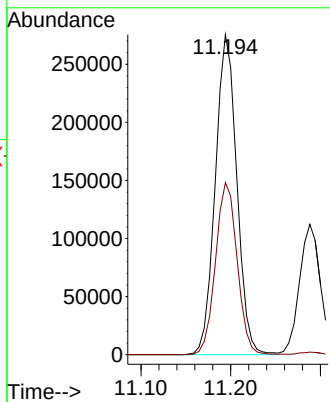
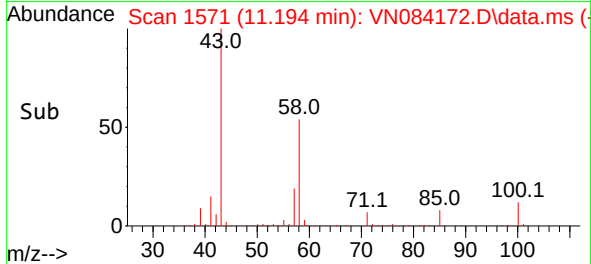
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 458743
Ion Ratio Lower Upper
43 100
58 54.0 27.2 81.5

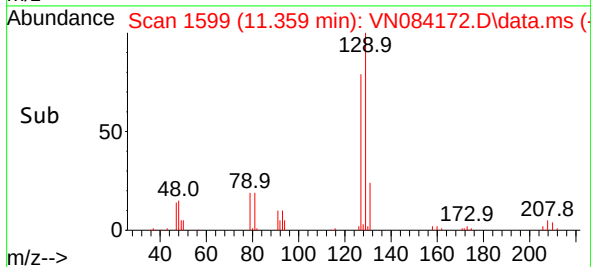
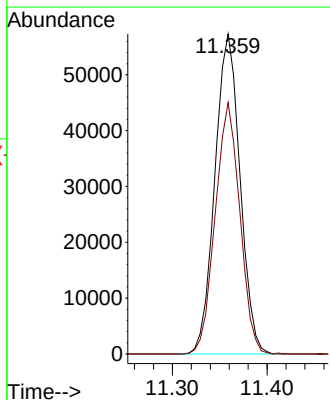
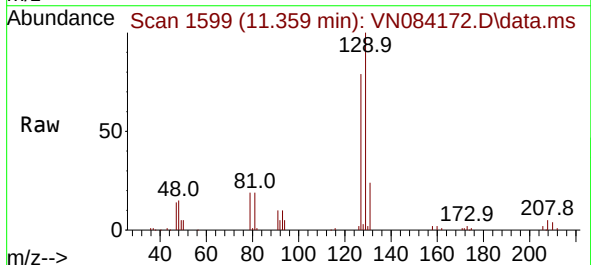
Manual Integrations
APPROVED

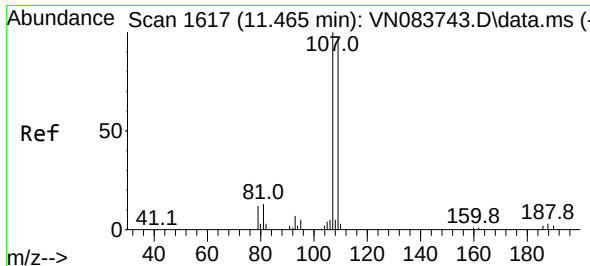
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#60
Dibromochloromethane
Concen: 53.326 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

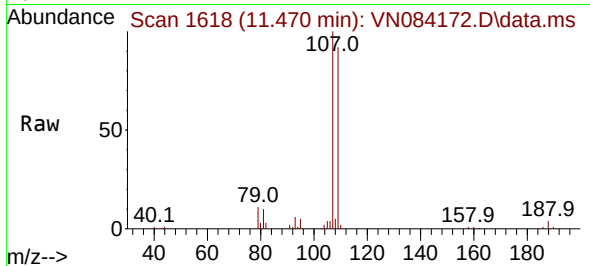
Tgt Ion:129 Resp: 105830
Ion Ratio Lower Upper
129 100
127 76.9 39.0 116.9





#61
1,2-Dibromoethane
Concen: 49.647 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

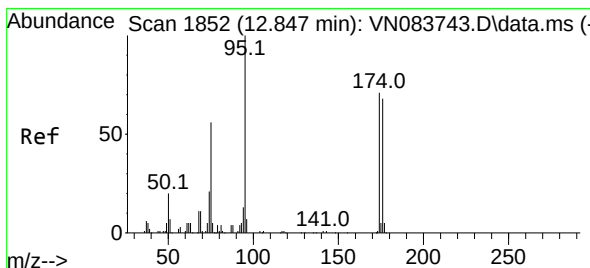
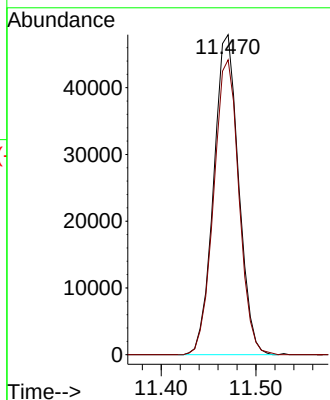
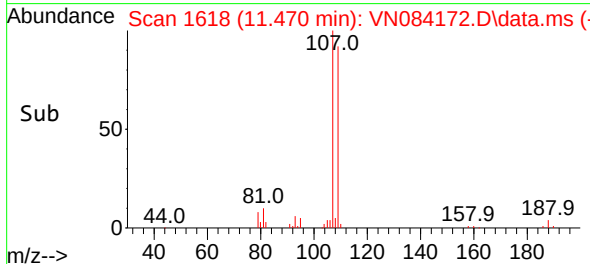
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 87804
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4

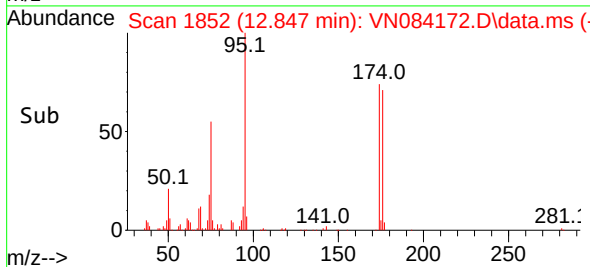
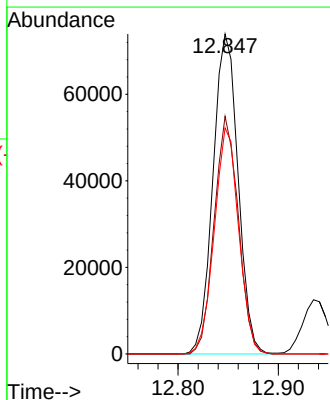
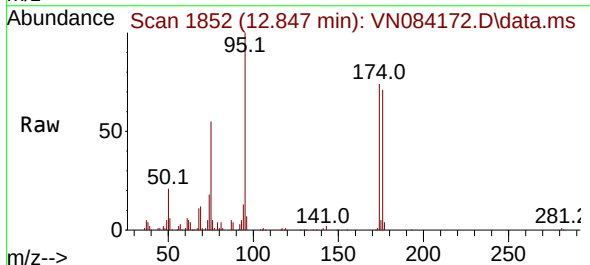
Manual Integrations
APPROVED

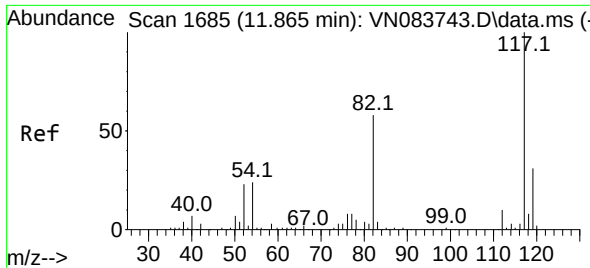
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#62
4-Bromofluorobenzene
Concen: 52.414 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

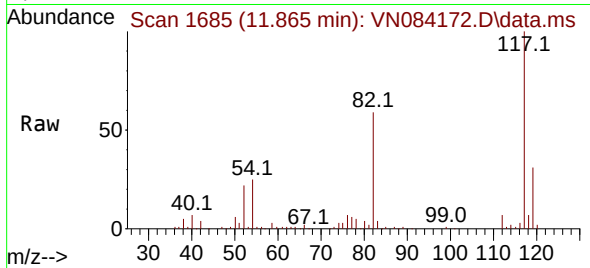
Tgt Ion: 95 Resp: 128146
Ion Ratio Lower Upper
95 100
174 71.4 0.0 139.8
176 69.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

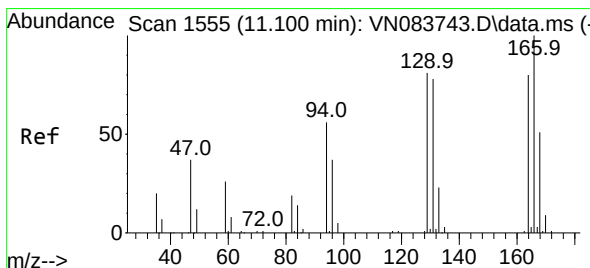
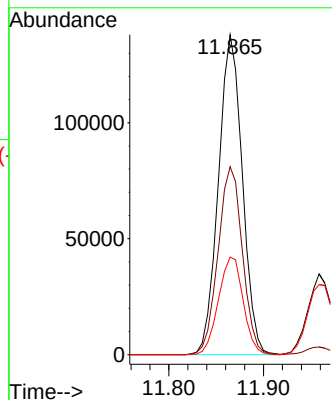
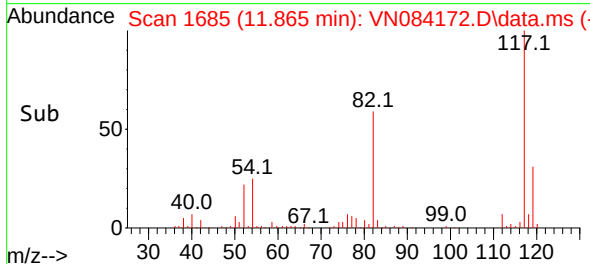
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 24241
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.0
119 30.5 26.3 39.5

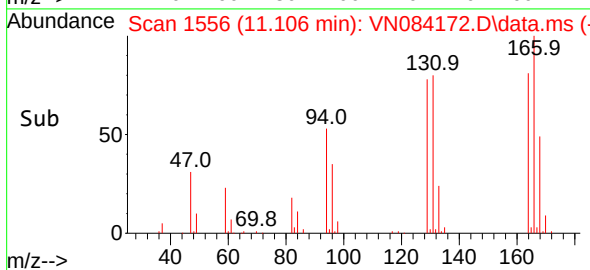
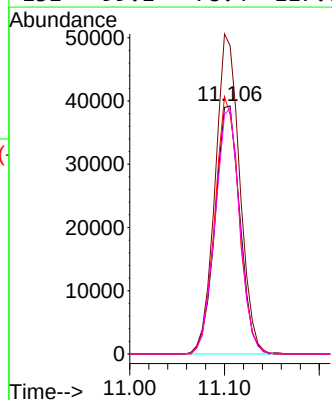
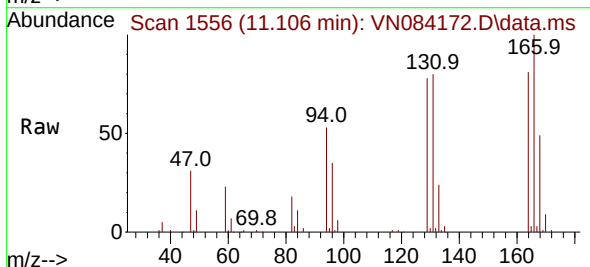
Manual Integrations
APPROVED

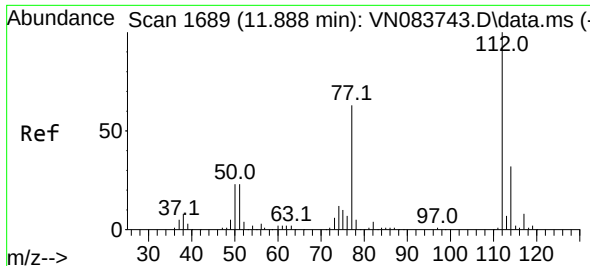
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#64
Tetrachloroethene
Concen: 44.384 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Tgt Ion:164 Resp: 71553
Ion Ratio Lower Upper
164 100
166 124.2 103.7 155.5
129 96.5 79.9 119.9
131 99.1 78.4 117.6





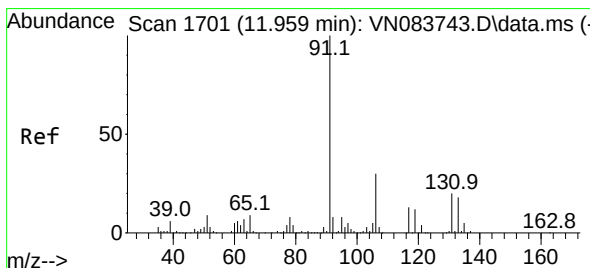
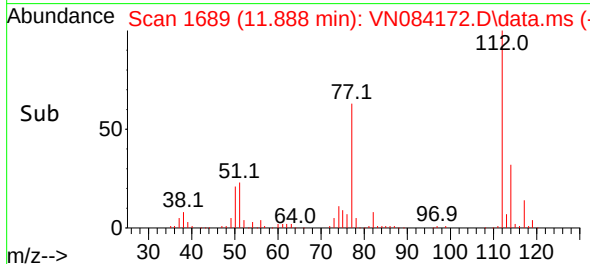
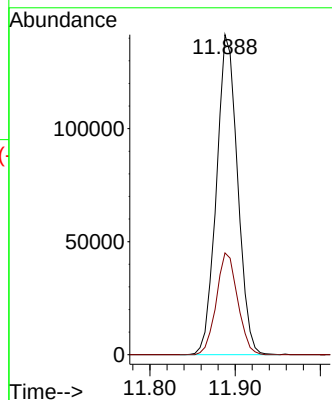
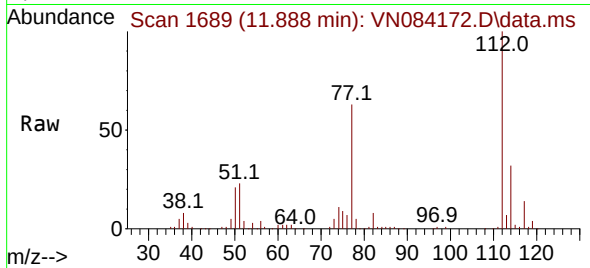
#65
Chlorobenzene
Concen: 45.192 ug/l
RT: 11.888 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 24348
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

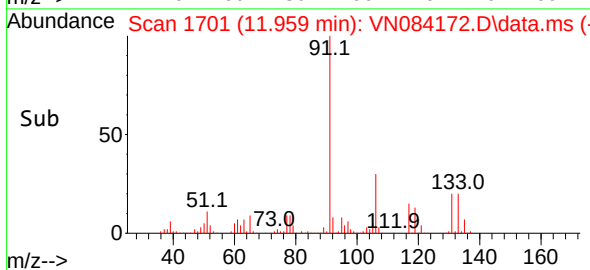
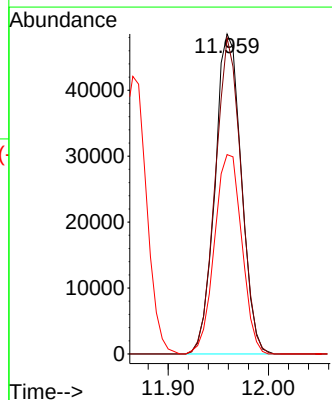
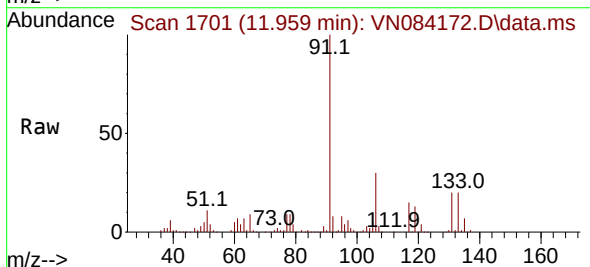
Manual Integrations
APPROVED

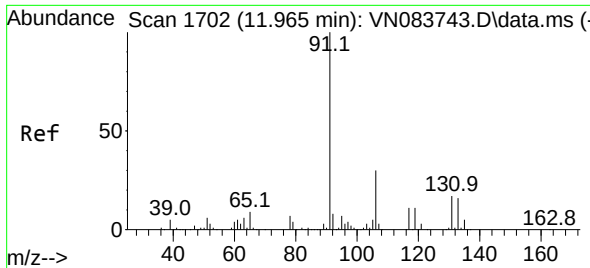
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 47.449 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

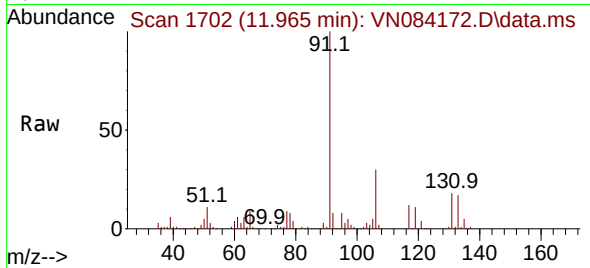
Tgt Ion:131 Resp: 88626
Ion Ratio Lower Upper
131 100
133 96.9 47.5 142.6
119 64.7 31.6 94.8





#67
Ethyl Benzene
Concen: 45.885 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

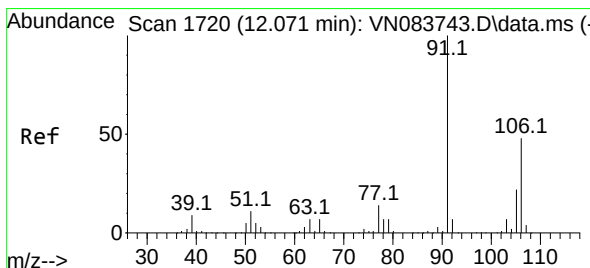
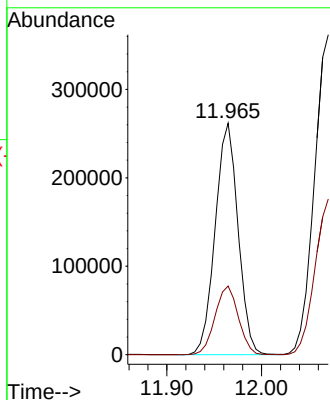
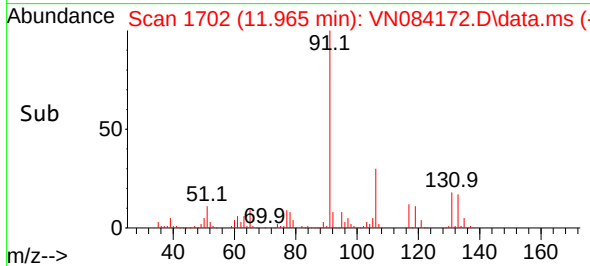
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



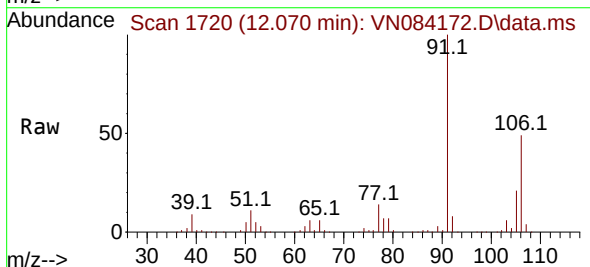
Tgt Ion: 91 Resp: 439174
Ion Ratio Lower Upper
91 100
106 29.7 24.3 36.5

Manual Integrations
APPROVED

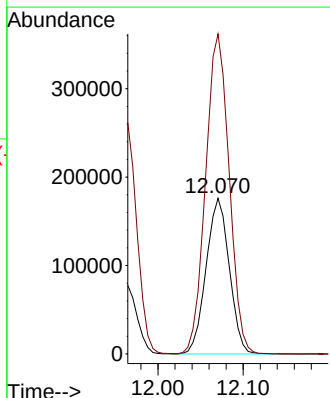
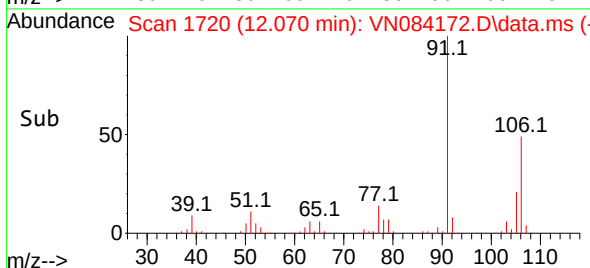
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

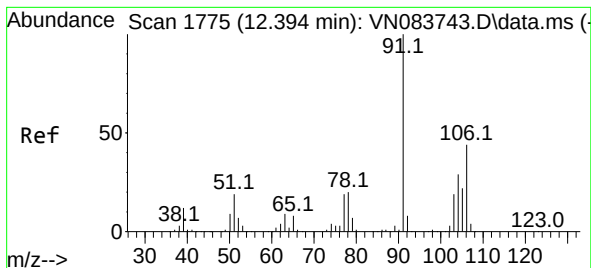


#68
m/p-Xylenes
Concen: 93.642 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11



Tgt Ion:106 Resp: 332748
Ion Ratio Lower Upper
106 100
91 209.1 169.2 253.8





#69

o-Xylene

Concen: 45.719 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 15727

Ion Ratio Lower Upper

106 100

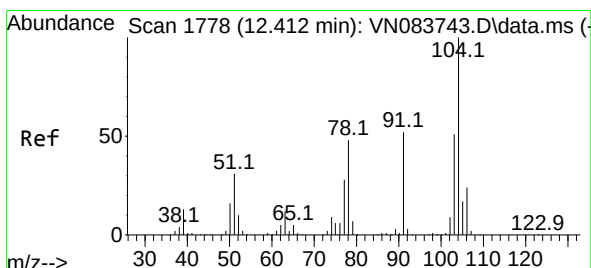
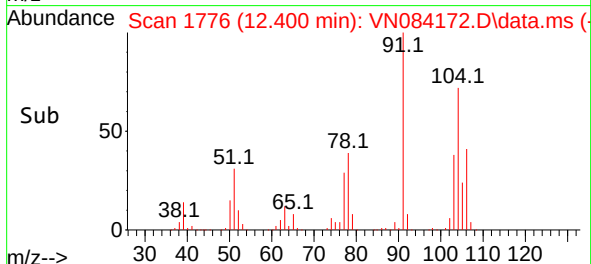
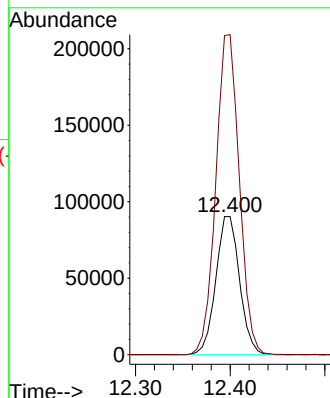
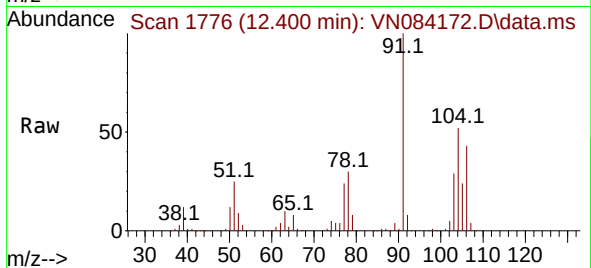
91 229.5 112.9 338.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#70

Styrene

Concen: 49.950 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

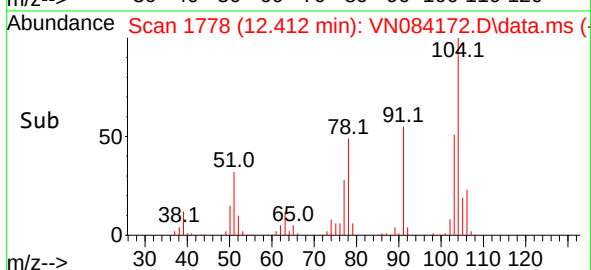
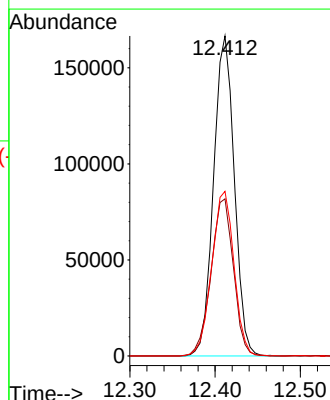
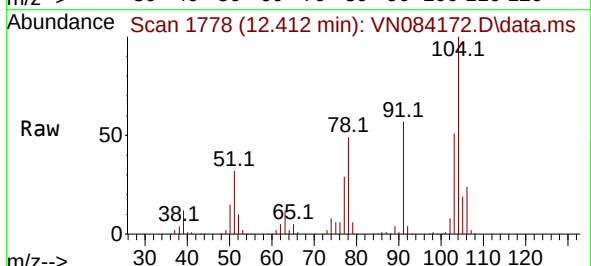
Tgt Ion:104 Resp: 281993

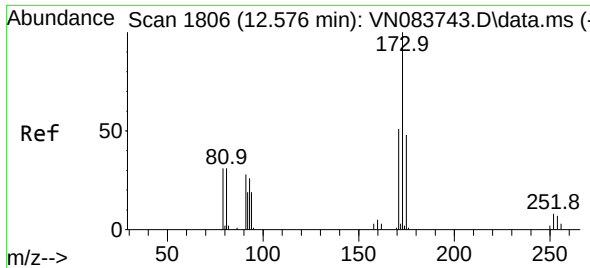
Ion Ratio Lower Upper

104 100

78 52.9 43.3 64.9

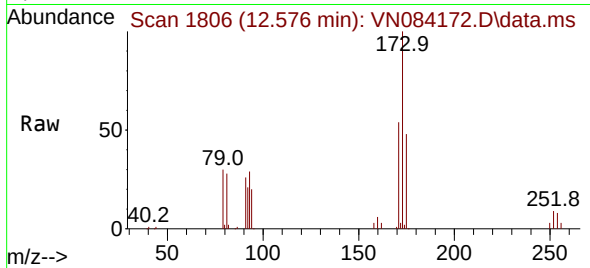
103 55.2 43.4 65.2





#71
Bromoform
Concen: 54.559 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

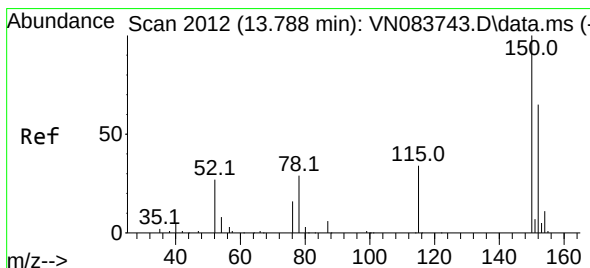
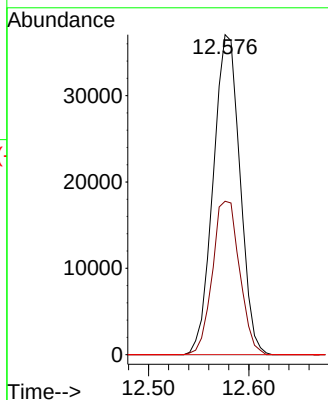
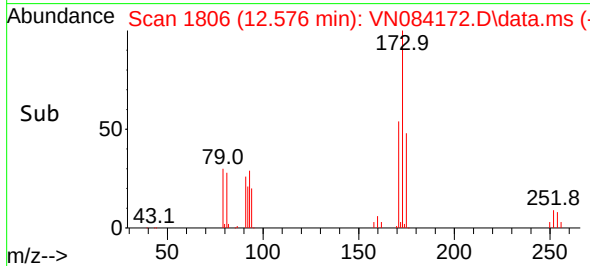
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 68670
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.2
254 0.0 0.0 0.0

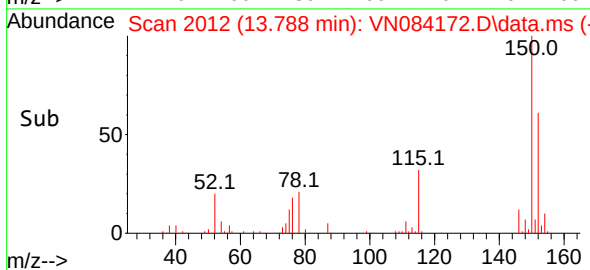
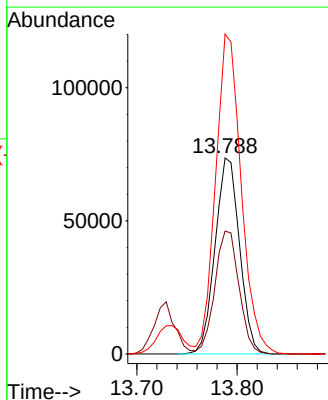
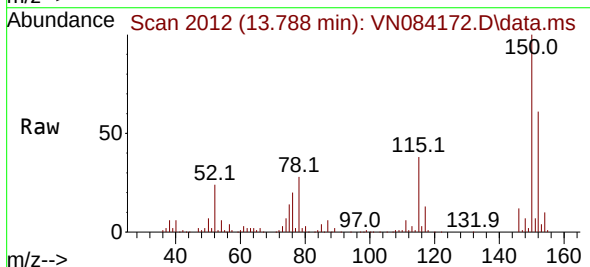
Manual Integrations
APPROVED

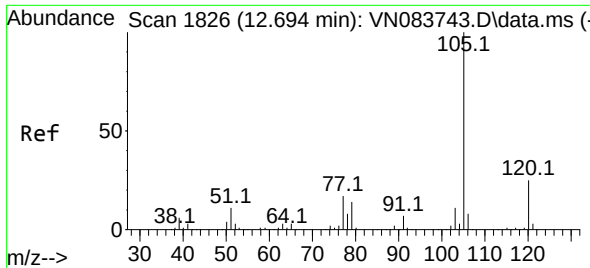
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

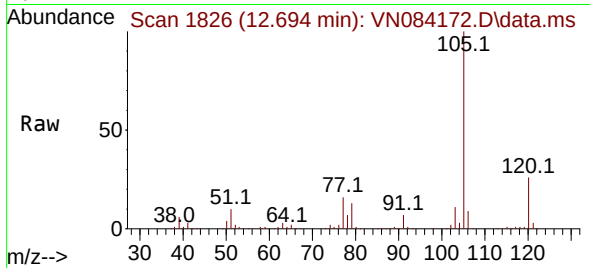
Tgt Ion:152 Resp: 124600
Ion Ratio Lower Upper
152 100
115 62.0 32.2 96.6
150 171.1 0.0 348.6





#73
Isopropylbenzene
Concen: 43.406 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

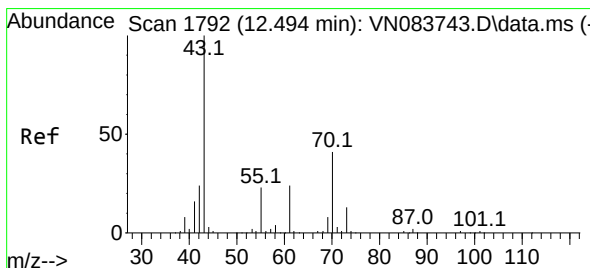
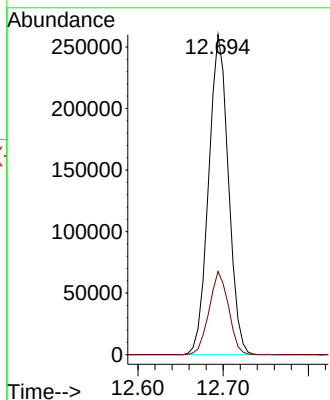
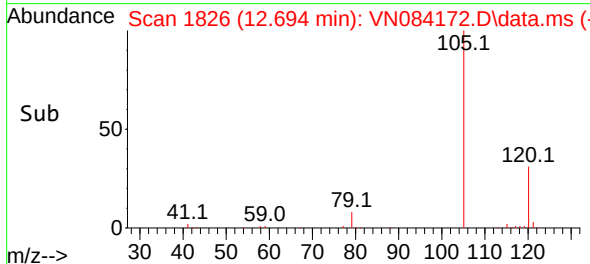
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



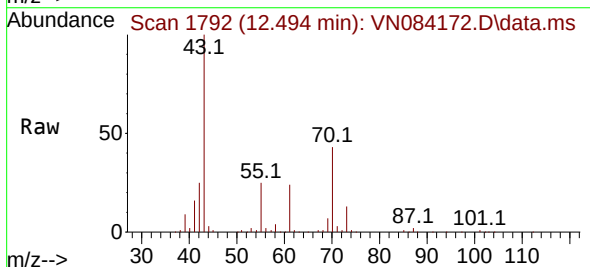
Tgt Ion:105 Resp: 418425
Ion Ratio Lower Upper
105 100
120 25.5 12.6 37.8

Manual Integrations
APPROVED

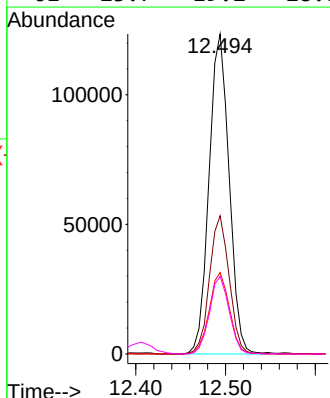
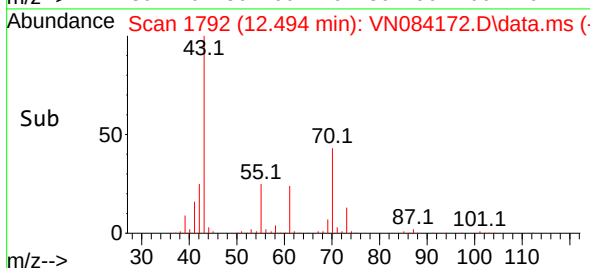
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

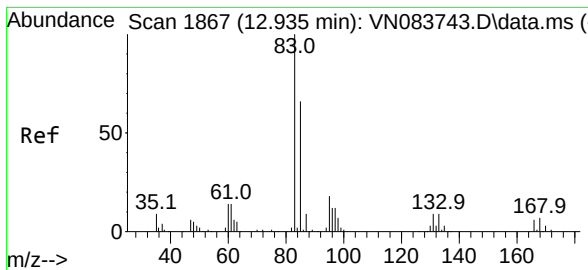


#74
N-ethyl acetate
Concen: 46.707 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11



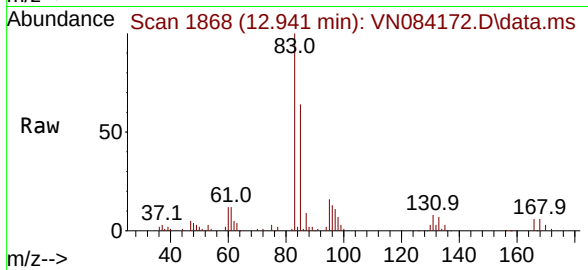
Tgt Ion: 43 Resp: 192101
Ion Ratio Lower Upper
43 100
70 42.3 34.5 51.7
55 25.6 18.6 28.0
61 23.7 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 45.627 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

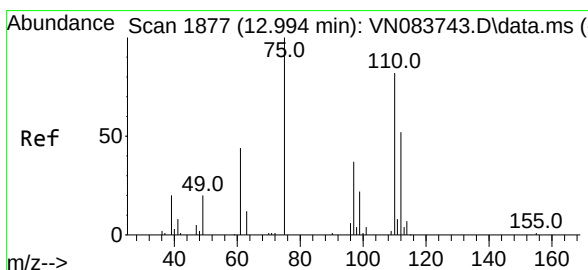
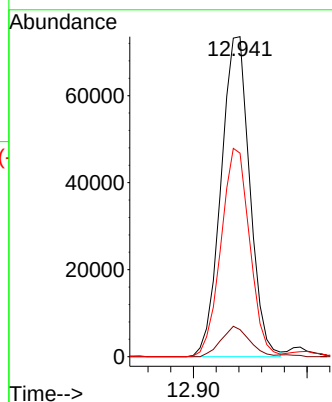
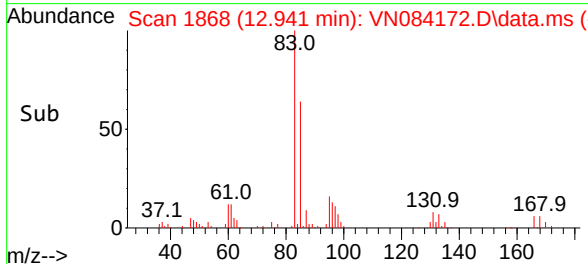
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 12923
Ion Ratio Lower Upper
83 100
131 9.7 5.2 15.6
85 65.1 31.9 95.9

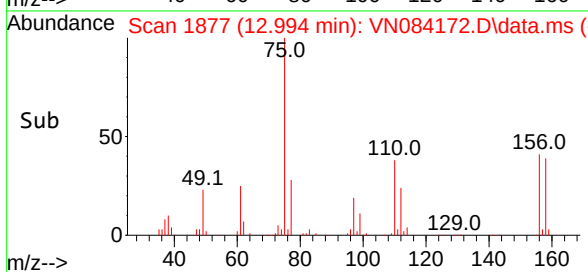
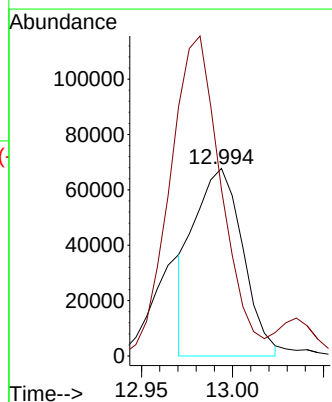
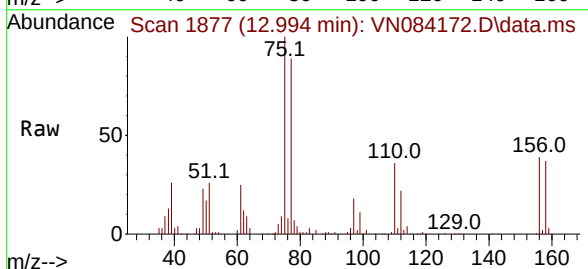
Manual Integrations
APPROVED

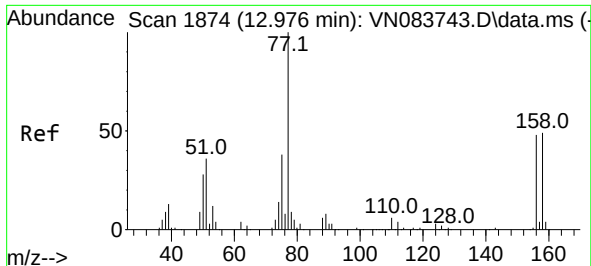
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#76
1,2,3-Trichloropropane
Concen: 50.040 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

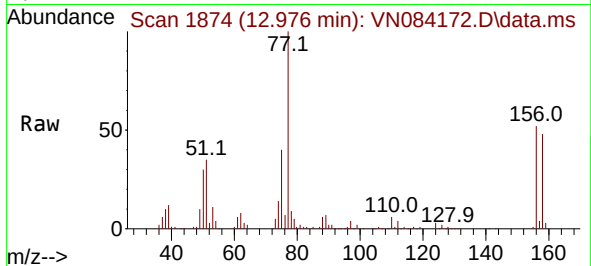
Tgt Ion: 75 Resp: 125810
Ion Ratio Lower Upper
75 100
77 180.7 95.2 285.6





#77
Bromobenzene
Concen: 43.284 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

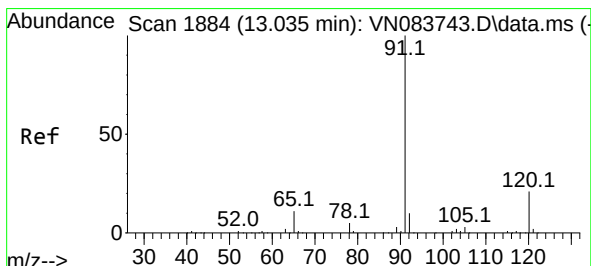
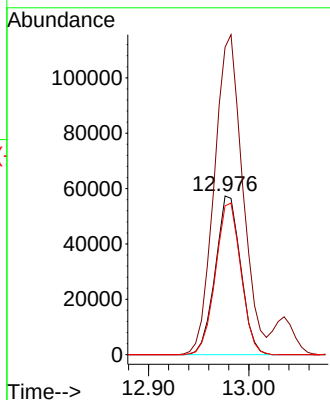
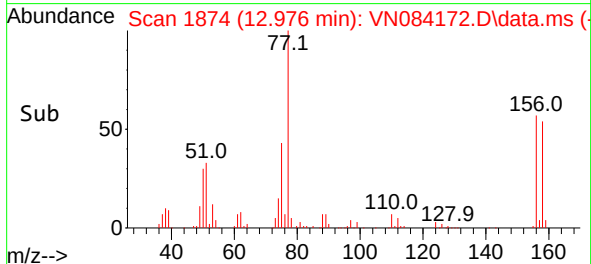
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



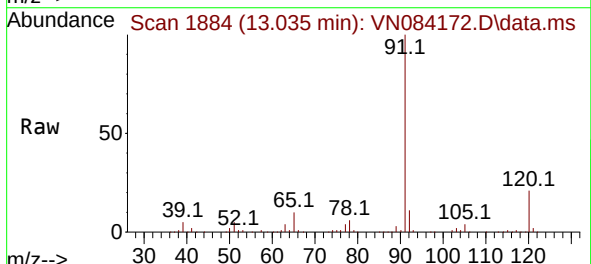
Tgt Ion:156 Resp: 100438
Ion Ratio Lower Upper
156 100
77 226.4 114.3 343.1
158 95.8 48.9 146.7

Manual Integrations
APPROVED

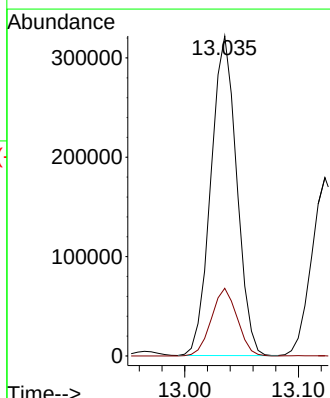
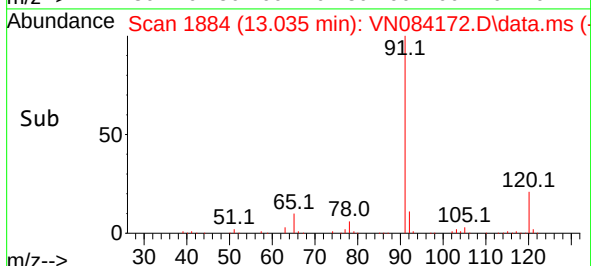
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

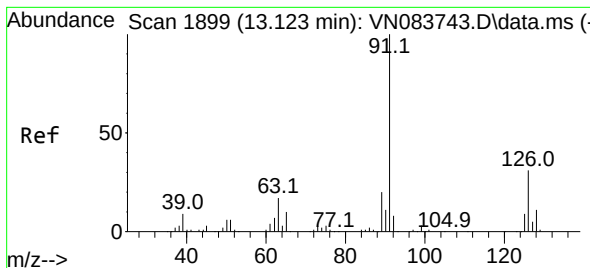


#78
n-propylbenzene
Concen: 45.337 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11



Tgt Ion: 91 Resp: 508506
Ion Ratio Lower Upper
91 100
120 21.2 11.0 33.0





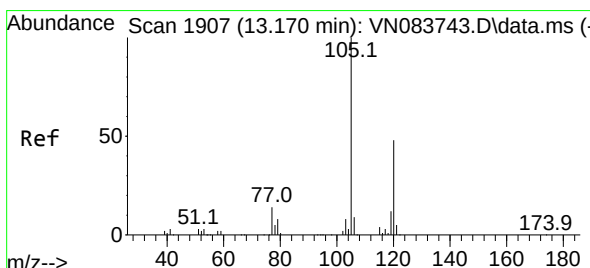
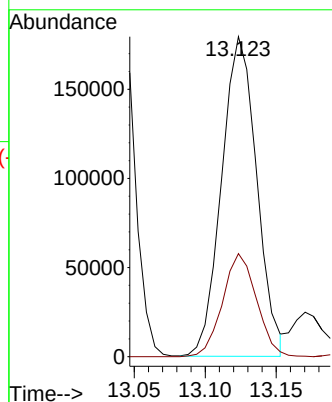
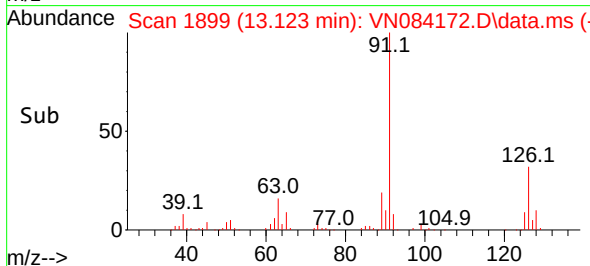
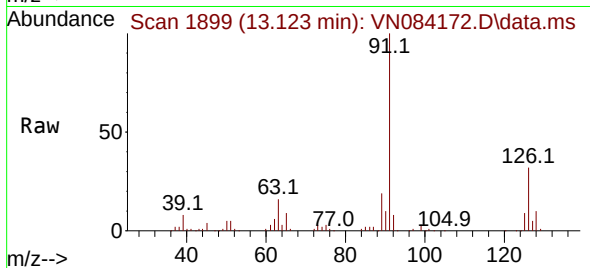
#79
2-Chlorotoluene
Concen: 43.147 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 30863
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.2

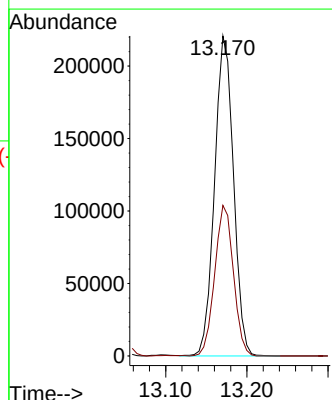
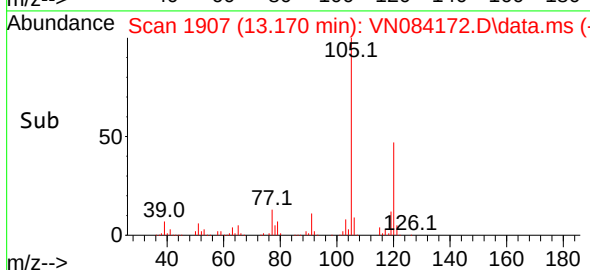
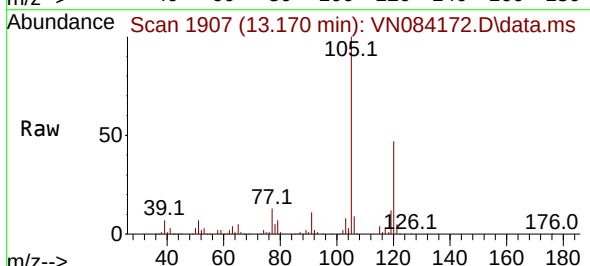
Manual Integrations
APPROVED

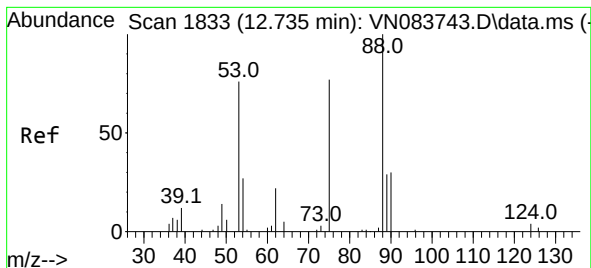
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 44.013 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

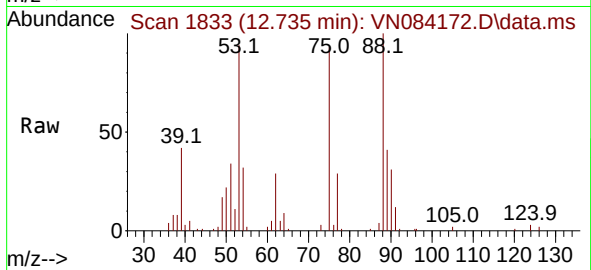
Tgt Ion:105 Resp: 357710
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.025 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

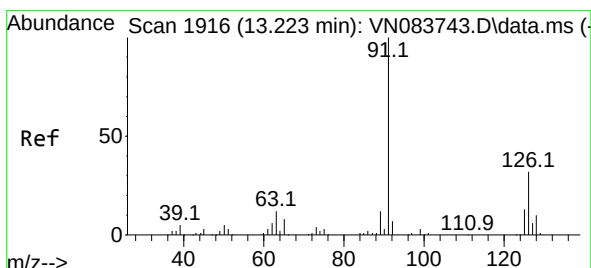
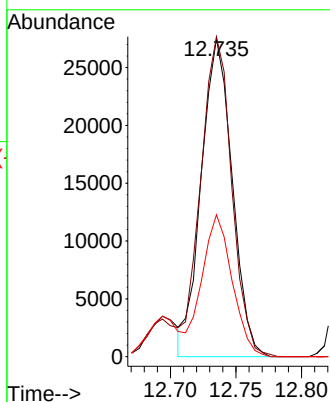
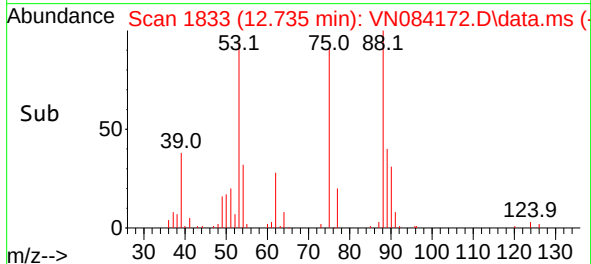
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



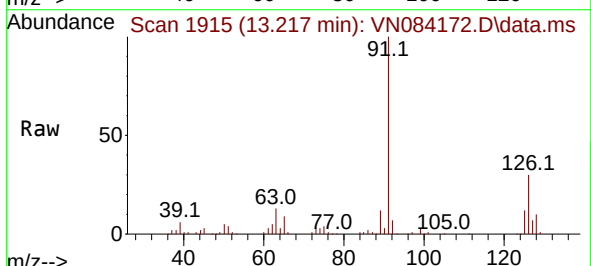
Tgt Ion: 75 Resp: 4514
Ion Ratio Lower Upper
75 100
53 100.8 81.2 121.8
89 43.2 35.7 53.5

Manual Integrations
APPROVED

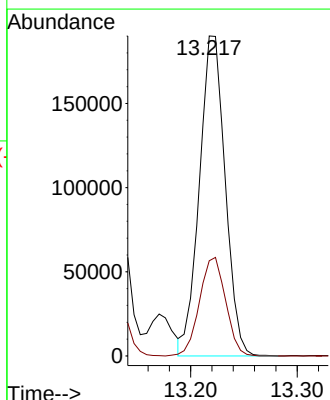
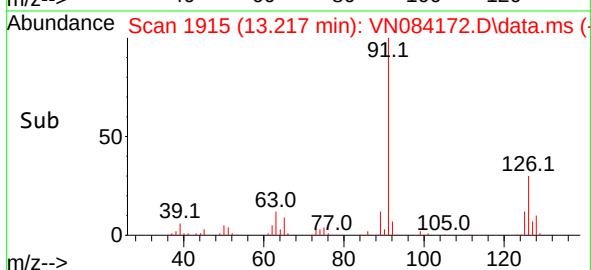
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

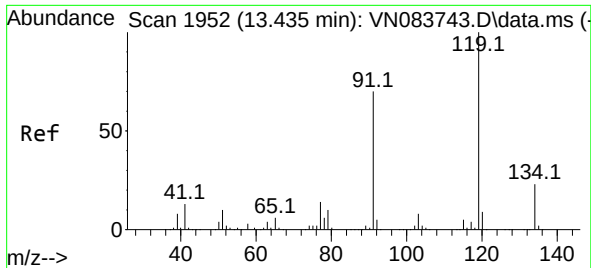


#82
4-Chlorotoluene
Concen: 44.652 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11



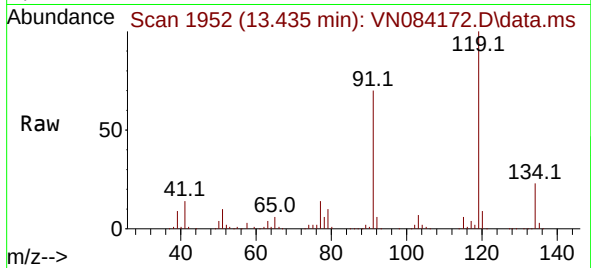
Tgt Ion: 91 Resp: 320518
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.2





#83
tert-Butylbenzene
Concen: 44.024 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

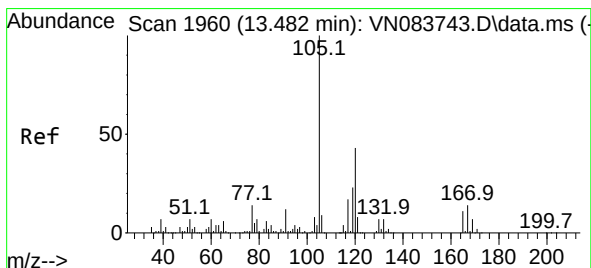
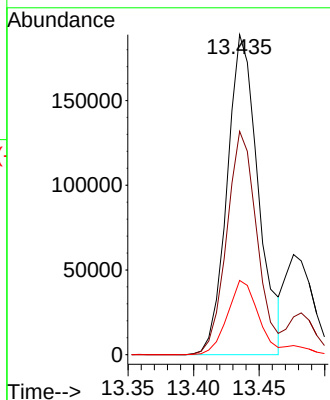
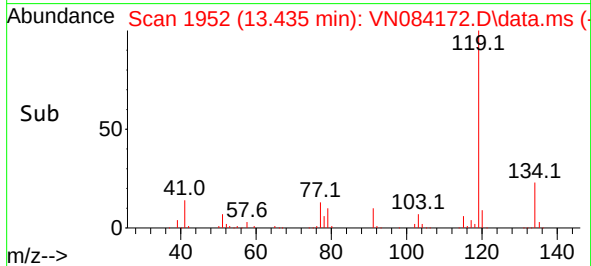
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



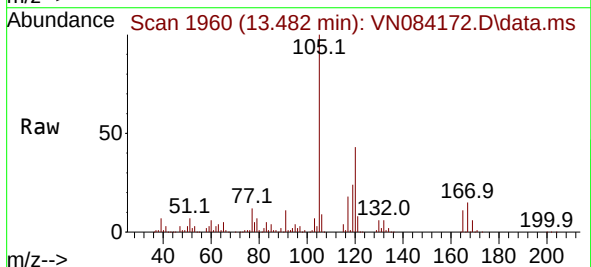
Tgt Ion:119 Resp: 31303
Ion Ratio Lower Upper
119 100
91 67.7 34.5 103.6
134 23.3 12.8 38.4

Manual Integrations
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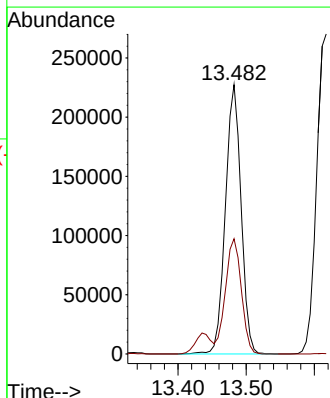
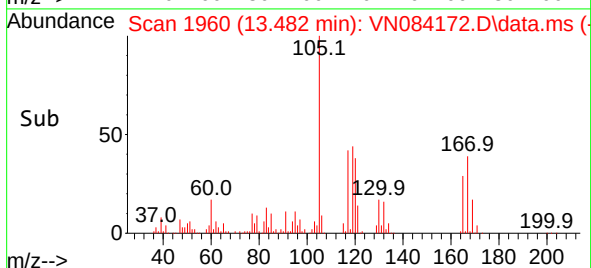
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

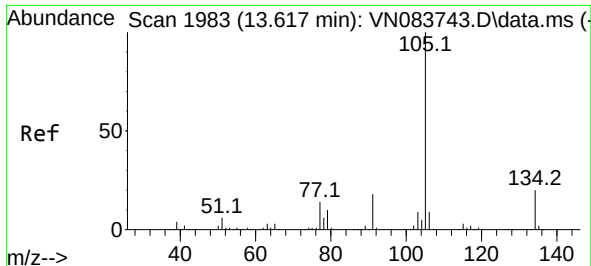


#84
1,2,4-Trimethylbenzene
Concen: 44.598 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11



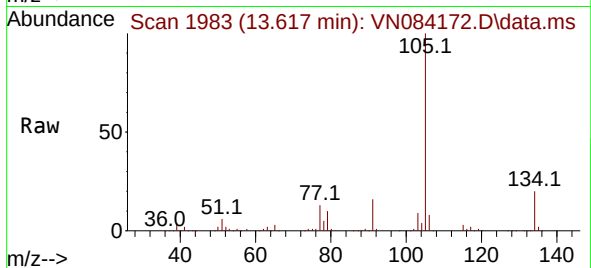
Tgt Ion:105 Resp: 364100
Ion Ratio Lower Upper
105 100
120 43.6 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 46.201 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084172.D
 Acq: 25 Sep 2024 20:11

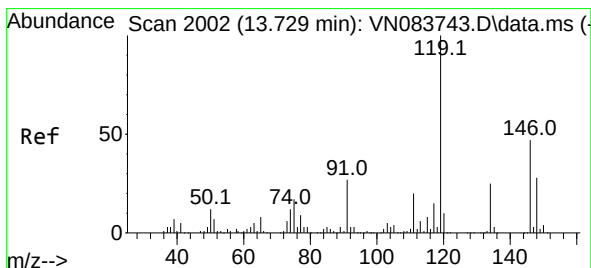
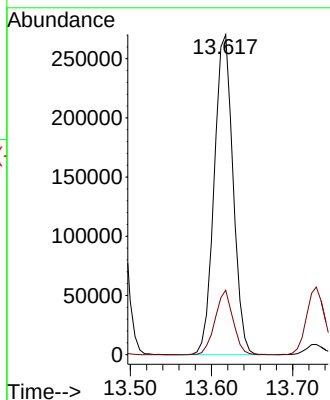
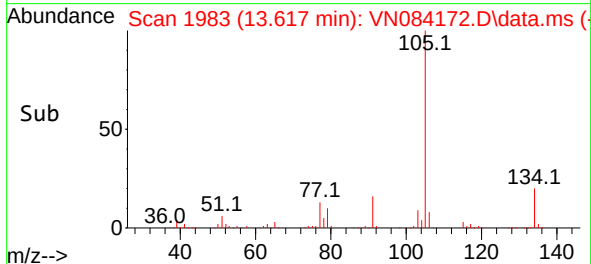
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



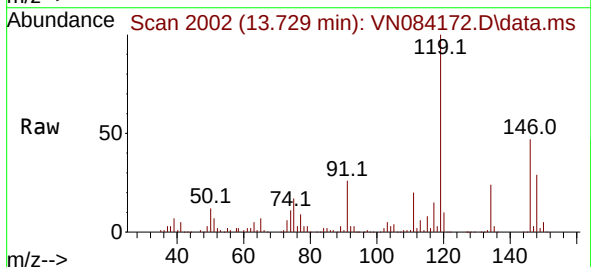
Tgt Ion:105 Resp: 435670
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1

Manual Integrations
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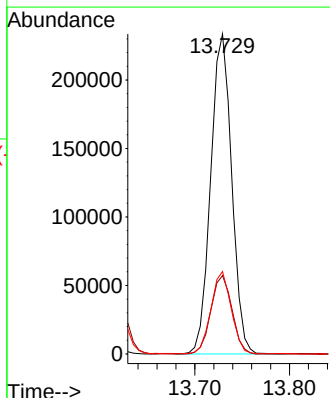
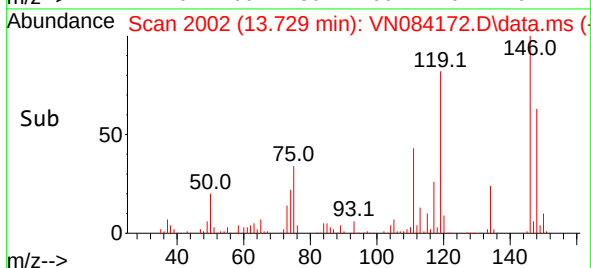
Reviewed By :John Carlone 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

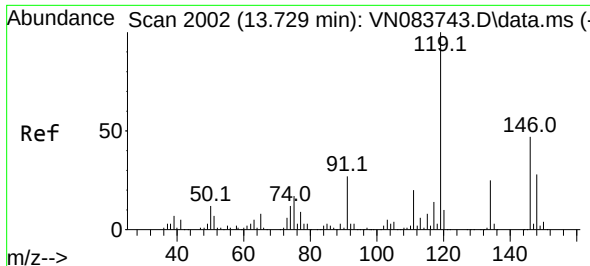


#86
 p-Isopropyltoluene
 Concen: 45.500 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084172.D
 Acq: 25 Sep 2024 20:11



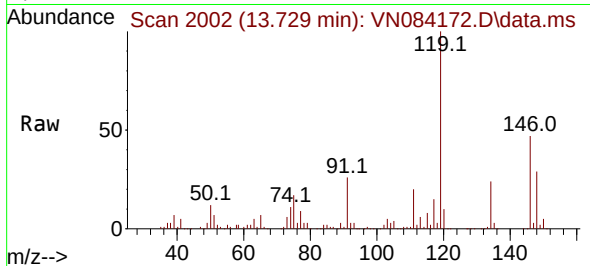
Tgt Ion:119 Resp: 359675
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.8 38.3
 91 24.8 12.9 38.7





#87
 1,3-Dichlorobenzene
 Concen: 43.014 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084172.D
 Acq: 25 Sep 2024 20:11

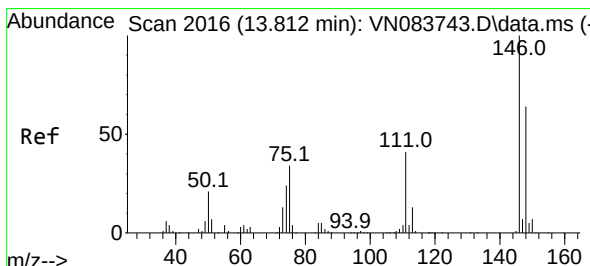
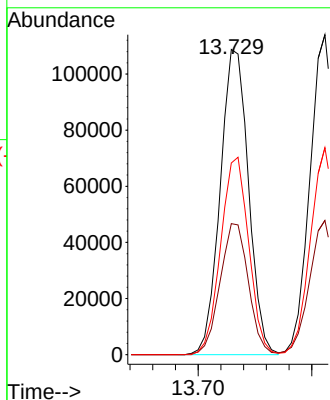
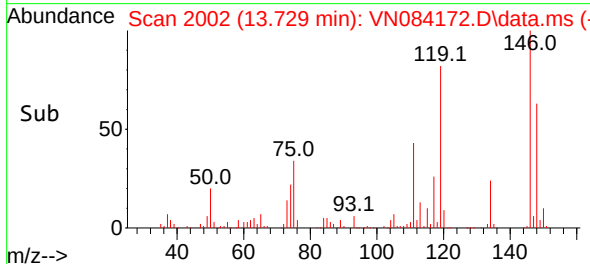
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



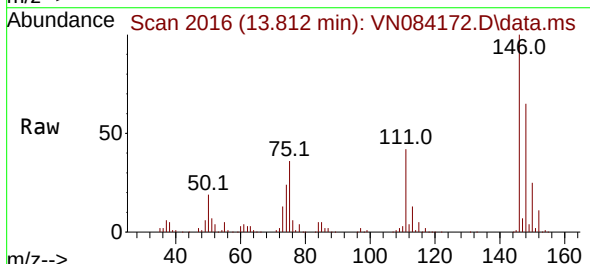
Tgt Ion:146 Resp: 188369
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.7 65.1
 148 64.0 31.7 95.1

Manual Integrations
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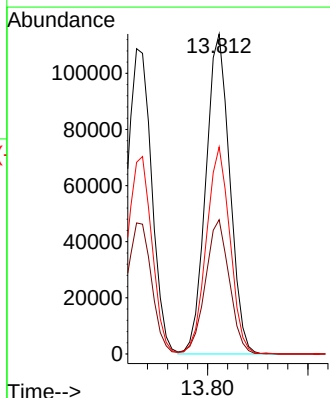
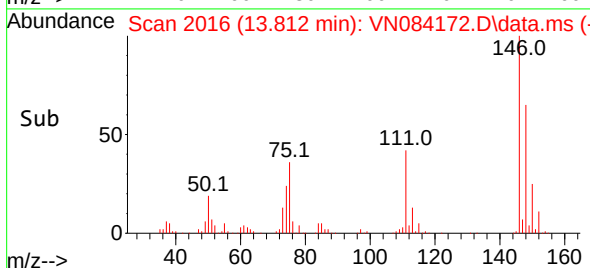
Reviewed By :John Carlone 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

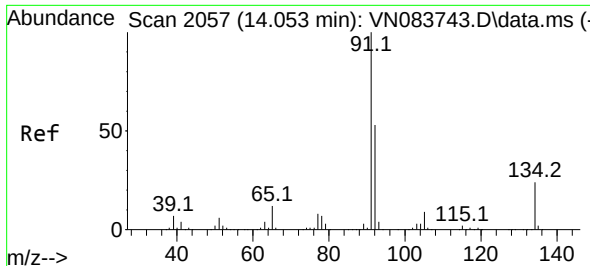


#88
 1,4-Dichlorobenzene
 Concen: 42.636 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN084172.D
 Acq: 25 Sep 2024 20:11



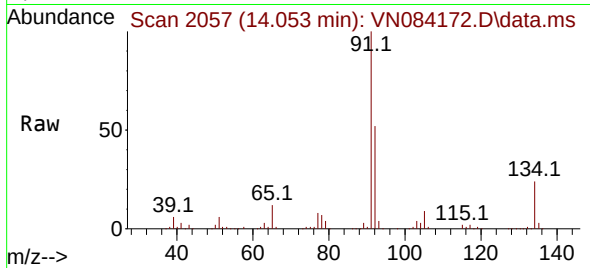
Tgt Ion:146 Resp: 189061
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 64.0
 148 63.9 32.0 96.2





#89
n-Butylbenzene
Concen: 45.124 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

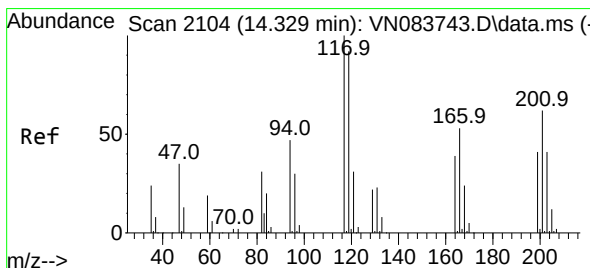
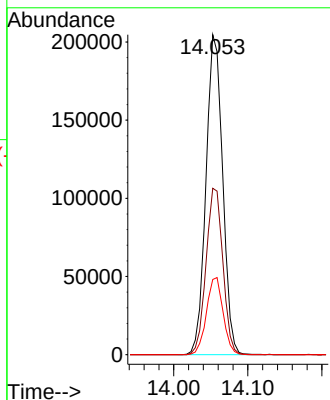
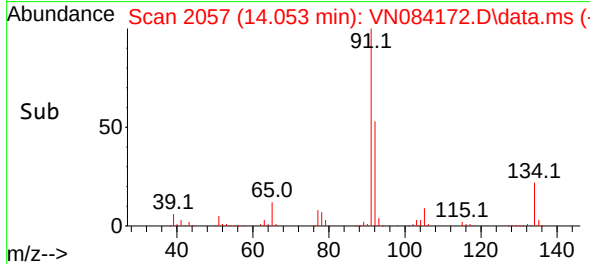
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 32026
Ion Ratio Lower Upper
91 100
92 52.4 26.7 80.1
134 24.1 12.2 36.4

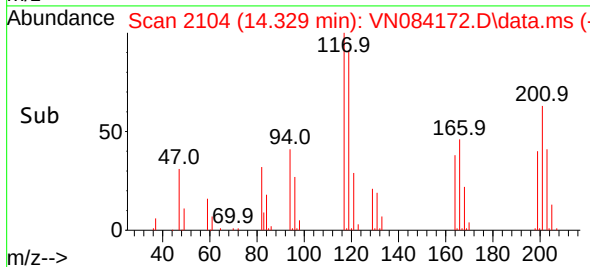
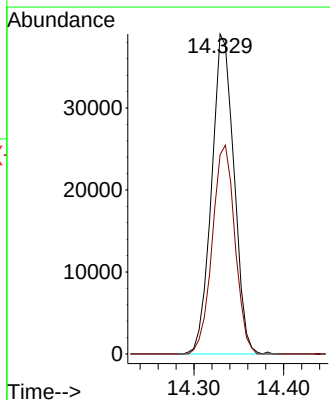
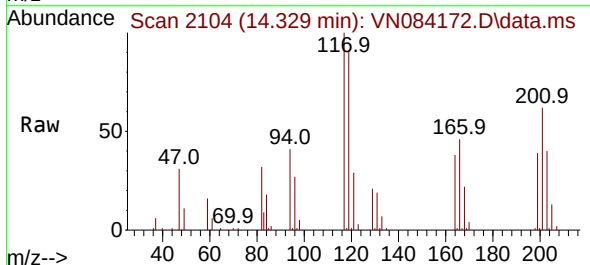
Manual Integrations
APPROVED

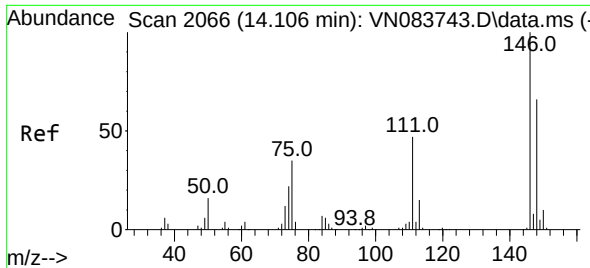
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#90
Hexachloroethane
Concen: 42.497 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

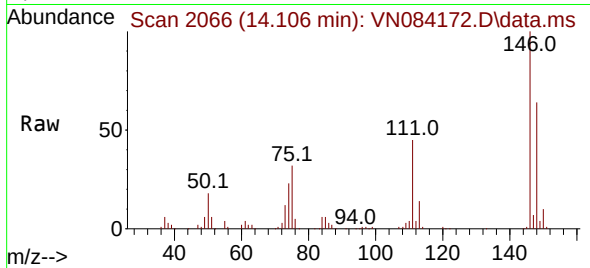
Tgt Ion:117 Resp: 67530
Ion Ratio Lower Upper
117 100
201 66.0 32.8 98.3





#91
1,2-Dichlorobenzene
Concen: 43.025 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

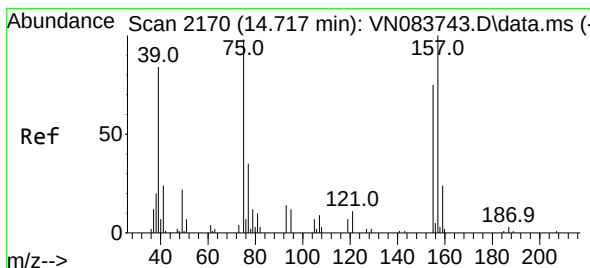
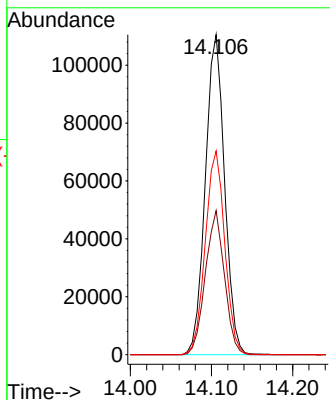
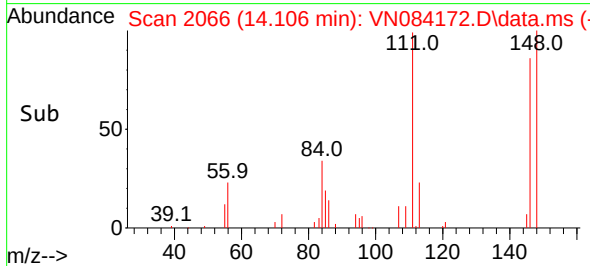
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



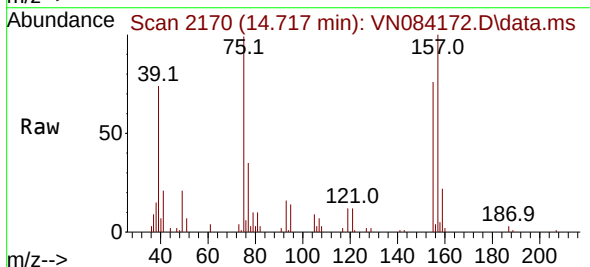
Tgt Ion:146 Resp: 18183
Ion Ratio Lower Upper
146 100
111 44.7 22.8 68.3
148 64.6 32.1 96.5

Manual Integrations
APPROVED

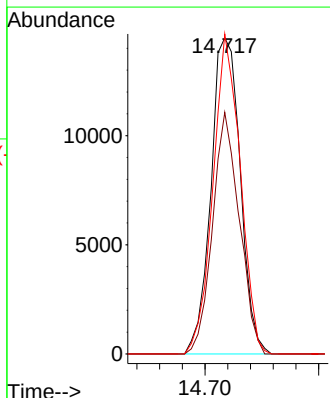
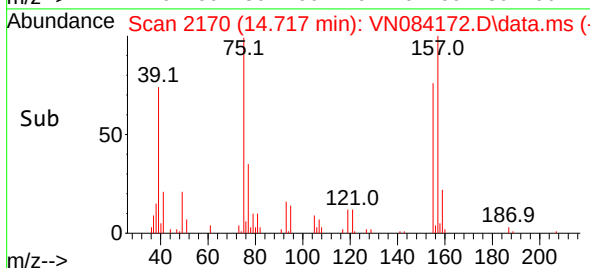
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

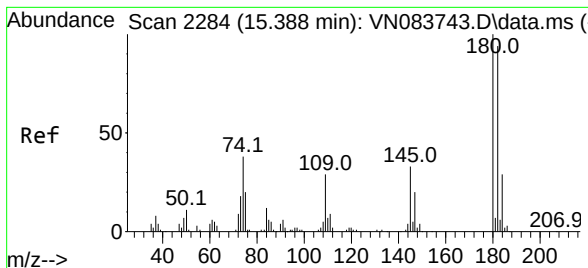


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.966 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11



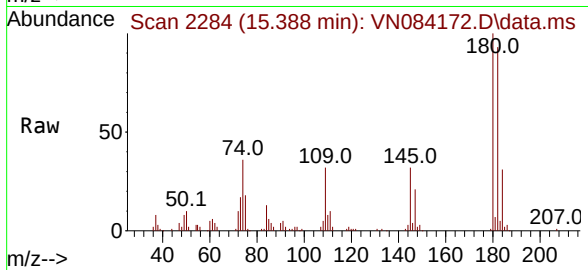
Tgt Ion: 75 Resp: 25953
Ion Ratio Lower Upper
75 100
155 69.9 35.9 107.7
157 94.1 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 41.106 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

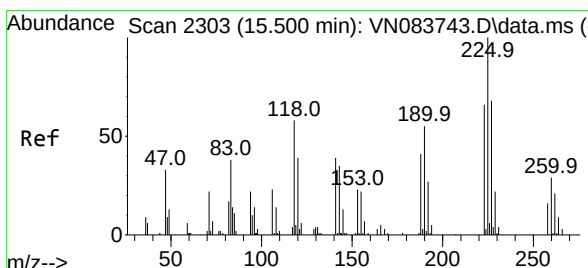
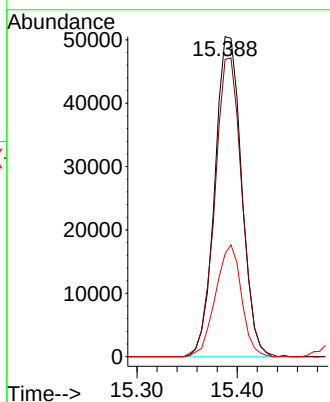
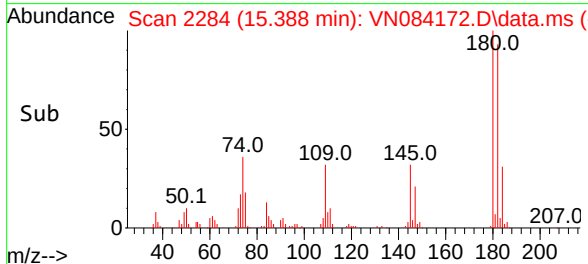
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



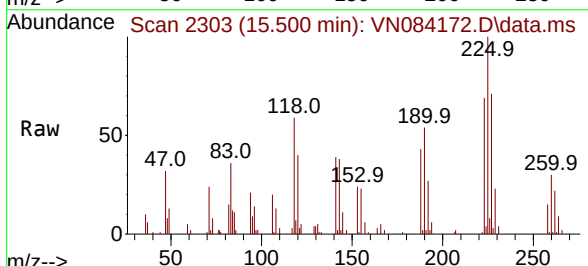
Tgt Ion:180 Resp: 93227
Ion Ratio Lower Upper
180 100
182 94.8 48.1 144.3
145 34.0 16.9 50.7

Manual Integrations
APPROVED

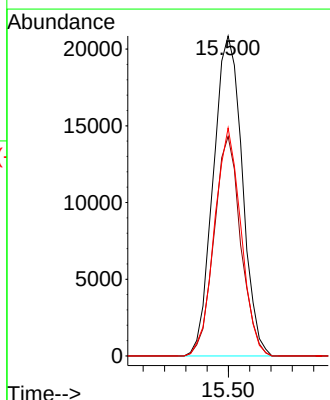
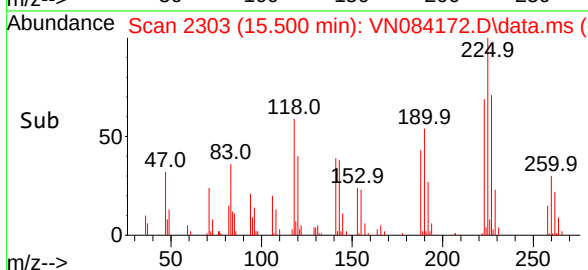
Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

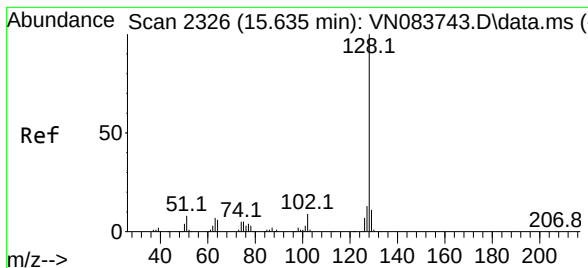


#94
Hexachlorobutadiene
Concen: 40.820 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11



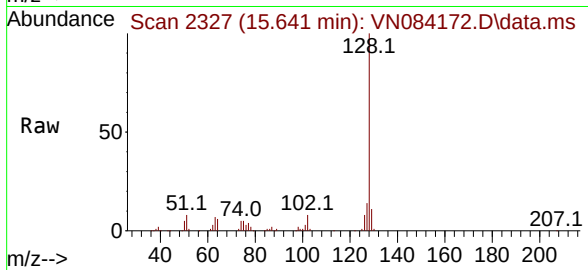
Tgt Ion:225 Resp: 39316
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.5
227 65.5 32.0 96.2





#95
Naphthalene
Concen: 43.929 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11

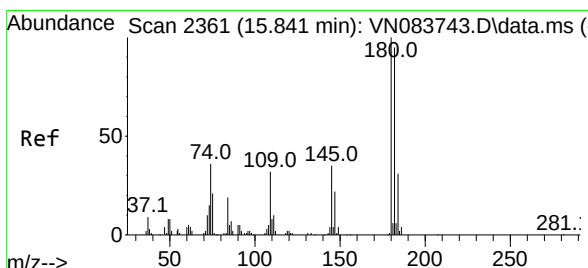
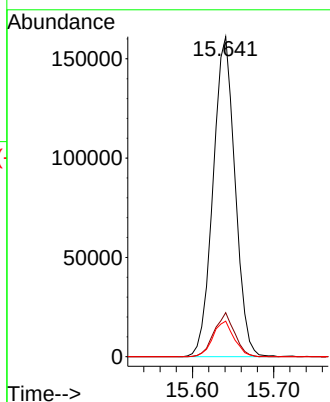
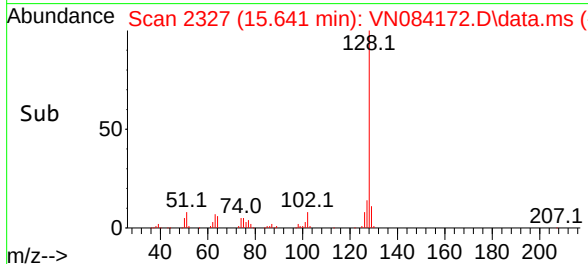
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



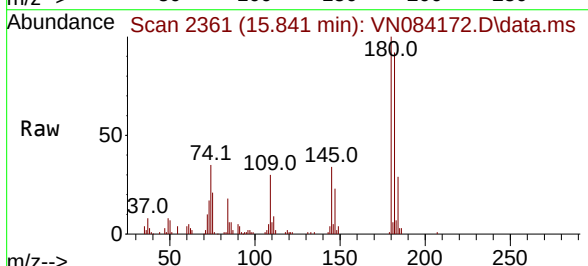
Tgt Ion:128 Resp: 303110
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 42.345 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN084172.D
Acq: 25 Sep 2024 20:11



Tgt Ion:180 Resp: 91782
Ion Ratio Lower Upper
180 100
182 94.6 47.1 141.4
145 34.3 17.8 53.5

