

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085172.D
 Acq On : 10 Dec 2024 17:41
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/11/2024
 Supervised By : Mahesh Dadoda 12/11/2024

Quant Time: Dec 11 04:19:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114862	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99444	46.318	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.640%
35) Dibromofluoromethane	8.165	113	79991	47.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.260%
50) Toluene-d8	10.565	98	283574	46.619	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.240%
62) 4-Bromofluorobenzene	12.847	95	110078	48.391	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	59712	35.036	ug/l	99
3) Chloromethane	2.359	50	50275	25.433	ug/l	97
4) Vinyl Chloride	2.506	62	57100	32.143	ug/l	98
5) Bromomethane	2.936	94	39428	39.599	ug/l	94
6) Chloroethane	3.106	64	42884	35.815	ug/l	99
7) Trichlorofluoromethane	3.489	101	125466	41.519	ug/l	94
8) Diethyl Ether	3.959	74	47068	45.762	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	74764	43.622	ug/l	100
10) Methyl Iodide	4.583	142	76562	33.747	ug/l	90
11) Tert butyl alcohol	5.524	59	97134	338.561	ug/l	96
12) 1,1-Dichloroethene	4.336	96	60788	37.997	ug/l	100
13) Acrolein	4.177	56	49457	258.340	ug/l	94
14) Allyl chloride	5.018	41	96139	35.648	ug/l	90
15) Acrylonitrile	5.718	53	226236	278.524	ug/l	98
16) Acetone	4.424	43	202444	323.765	ug/l	97
17) Carbon Disulfide	4.706	76	95778	20.283	ug/l	99
18) Methyl Acetate	5.030	43	113988	57.201	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	272387	52.111	ug/l	98
20) Methylene Chloride	5.277	84	79686	41.763	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	62643	37.210	ug/l	92
22) Diisopropyl ether	6.671	45	265521	48.917	ug/l	99
23) Vinyl Acetate	6.600	43	949873	253.662	ug/l	99
24) 1,1-Dichloroethane	6.565	63	150423	46.309	ug/l	99
25) 2-Butanone	7.483	43	298593	292.085	ug/l	97
26) 2,2-Dichloropropane	7.488	77	131960	43.507	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	90345	44.515	ug/l	98
28) Bromochloromethane	7.812	49	54322	44.303	ug/l	94
29) Tetrahydrofuran	7.841	42	186921	294.029	ug/l	99
30) Chloroform	7.965	83	166218	48.106	ug/l	98
31) Cyclohexane	8.259	56	90533	31.656	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	146456	46.906	ug/l	98
36) 1,1-Dichloropropene	8.371	75	92485	40.228	ug/l	99
37) Ethyl Acetate	7.559	43	111946	53.562	ug/l	100
38) Carbon Tetrachloride	8.359	117	126792	47.779	ug/l	96
39) Methylcyclohexane	9.600	83	84306	35.289	ug/l	95
40) Benzene	8.606	78	314532	43.257	ug/l	99

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 Supervised By :Mahesh Dadoda 12/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	65765	56.831	ug/l	98
42) 1,2-Dichloroethane	8.671	62	120340	48.376	ug/l	100
43) Isopropyl Acetate	8.688	43	242787	55.924	ug/l	93
44) Trichloroethene	9.353	130	74301	43.970	ug/l	86
45) 1,2-Dichloropropane	9.618	63	83806	46.795	ug/l	99
46) Dibromomethane	9.706	93	60986	49.006	ug/l	99
47) Bromodichloromethane	9.888	83	138216	52.404	ug/l	97
48) Methyl methacrylate	9.682	41	95544	59.142	ug/l	96
49) 1,4-Dioxane	9.688	88	39779	1419.867	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	642306	323.917	ug/l	99
52) Toluene	10.629	92	206263	47.917	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	131148	49.597	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	136143	48.531	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	89853	56.040	ug/l	97
56) Ethyl methacrylate	10.871	69	142969	61.022	ug/l	98
57) 1,3-Dichloropropane	11.165	76	143204	50.747	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	342181	297.739	ug/l	99
59) 2-Hexanone	11.194	43	473207	319.078	ug/l	100
60) Dibromochloromethane	11.359	129	110253	56.265	ug/l	100
61) 1,2-Dibromoethane	11.471	107	87127	52.507	ug/l	98
64) Tetrachloroethene	11.100	164	64602	42.107	ug/l	96
65) Chlorobenzene	11.888	112	237555	46.005	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	94822	52.156	ug/l	99
67) Ethyl Benzene	11.965	91	412501	49.240	ug/l	99
68) m/p-Xylenes	12.070	106	316063	99.097	ug/l	99
69) o-Xylene	12.400	106	156020	51.425	ug/l	99
70) Styrene	12.412	104	276812	54.865	ug/l	98
71) Bromoform	12.576	173	78319	58.034	ug/l #	98
73) Isopropylbenzene	12.694	105	403225	49.762	ug/l	100
74) N-amyl acetate	12.494	43	186263	55.783	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	137235	49.597	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	94604m	45.281	ug/l	
77) Bromobenzene	12.982	156	102357	46.940	ug/l	99
78) n-propylbenzene	13.035	91	477810	51.123	ug/l	100
79) 2-Chlorotoluene	13.123	91	298295	47.811	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	347320	51.080	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	48536m	51.285	ug/l	
82) 4-Chlorotoluene	13.223	91	304025	46.810	ug/l	100
83) tert-Butylbenzene	13.435	119	305890	52.285	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	355279	50.760	ug/l	99
85) sec-Butylbenzene	13.617	105	412903	52.246	ug/l	100
86) p-Isopropyltoluene	13.729	119	346099	53.050	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	189358	44.026	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	187023	42.610	ug/l	99
89) n-Butylbenzene	14.053	91	282283	46.527	ug/l	99
90) Hexachloroethane	14.335	117	70963	49.901	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	187898	45.590	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28131	52.575	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	91733	40.969	ug/l	98
94) Hexachlorobutadiene	15.500	225	42285	40.920	ug/l	98
95) Naphthalene	15.641	128	315637	49.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	93818	43.913	ug/l	99

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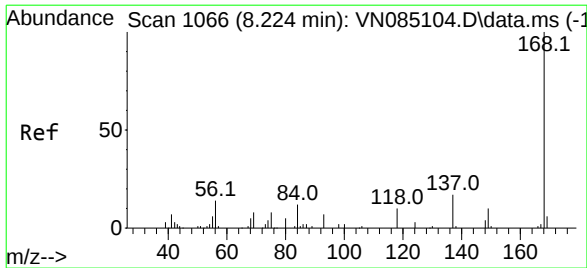
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/11/2024

Quant Time: Dec 11 04:19:09 2024
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Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

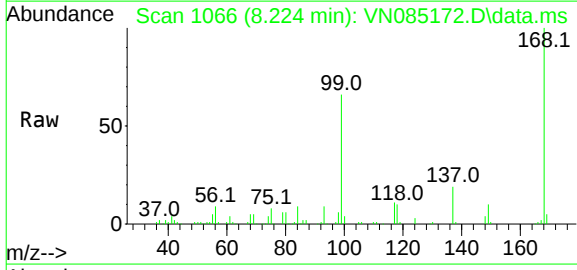
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
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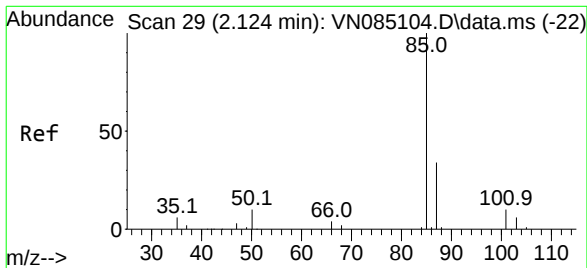
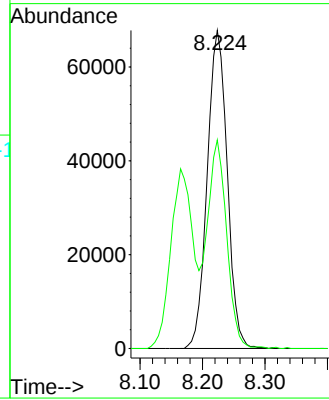
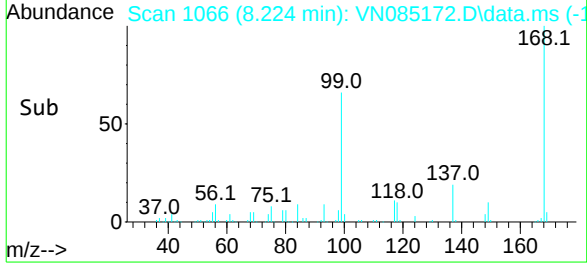
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



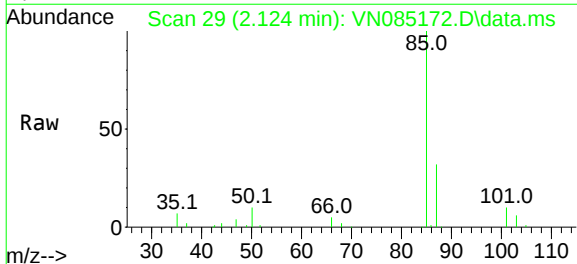
Tgt Ion: 168 Resp: 150725
Ion Ratio Lower Upper
168 100
99 65.6 51.2 76.8

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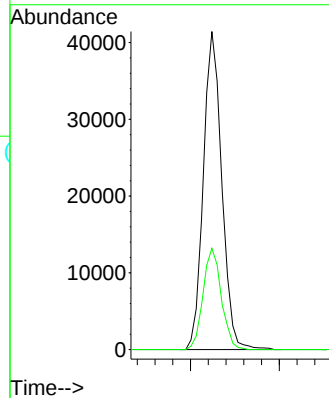
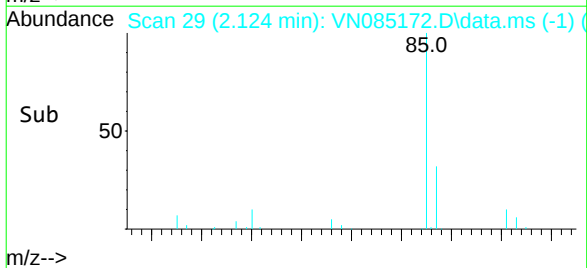
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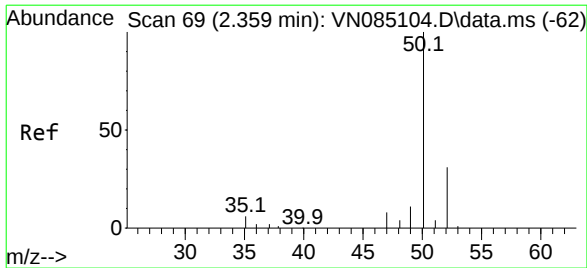


#2
Dichlorodifluoromethane
Concen: 35.036 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41



Tgt Ion: 85 Resp: 59712
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1





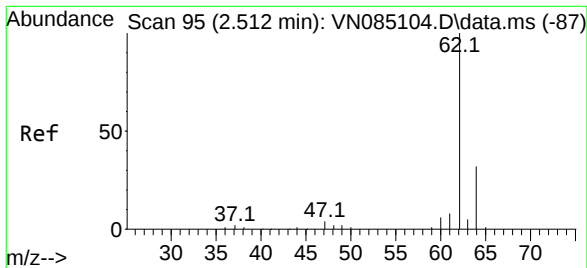
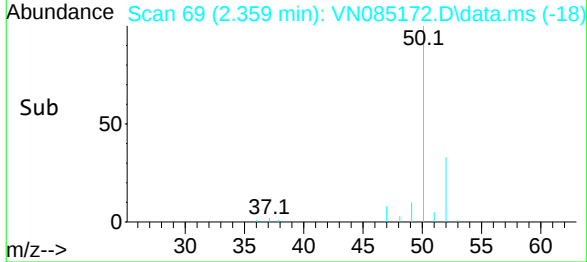
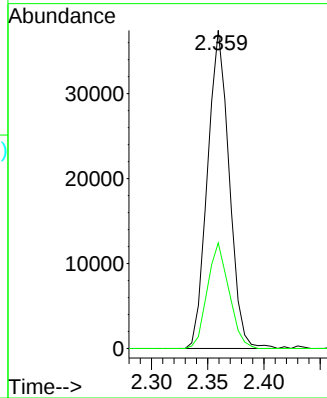
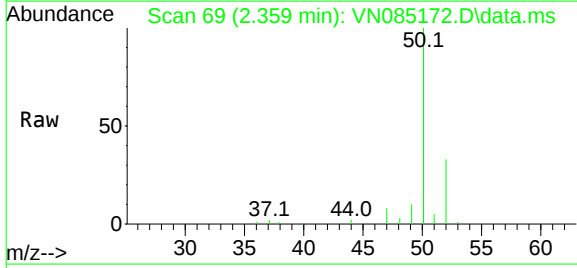
#3
Chloromethane
Concen: 25.433 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

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Tgt Ion: 50 Resp: 50275
Ion Ratio Lower Upper
50 100
52 33.2 27.8 41.8

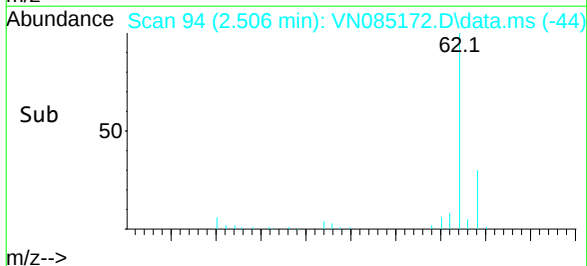
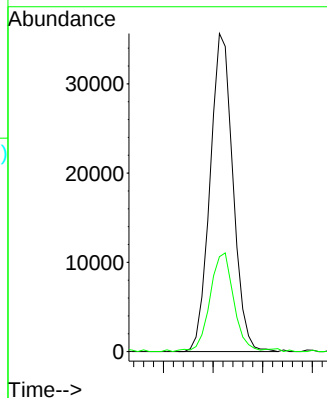
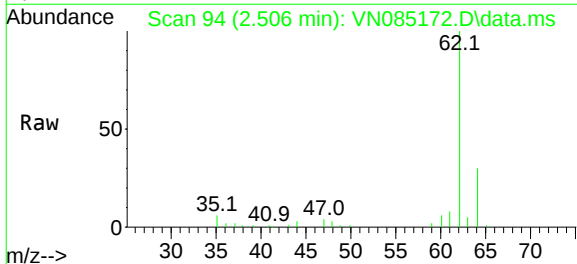
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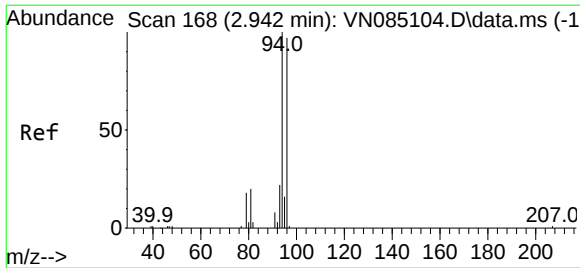
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#4
Vinyl Chloride
Concen: 32.143 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

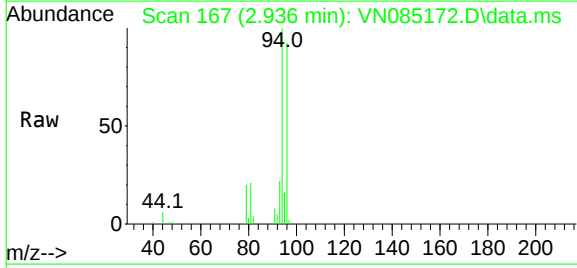
Tgt Ion: 62 Resp: 57100
Ion Ratio Lower Upper
62 100
64 29.4 24.6 36.8





#5
Bromomethane
Concen: 39.599 ug/l
RT: 2.936 min Scan# 168
Delta R.T. 0.035 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

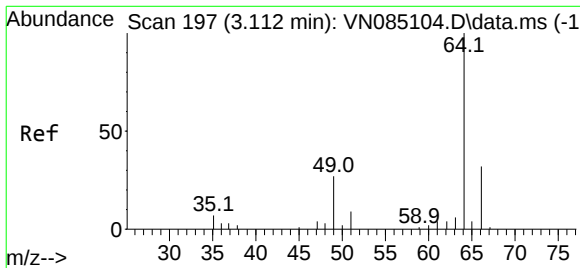
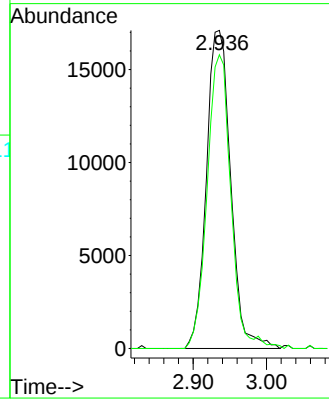
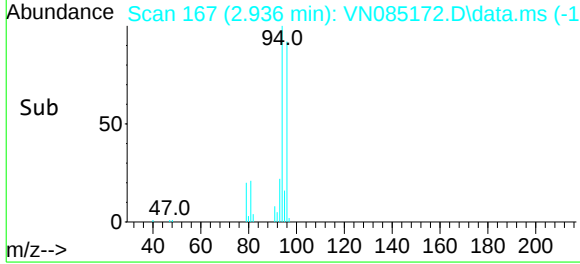
Instrument :
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Tgt Ion: 94 Resp: 39428
Ion Ratio Lower Upper
94 100
96 92.4 78.7 118.1

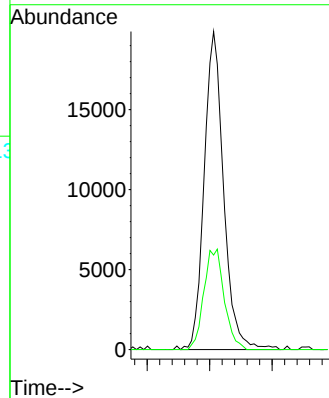
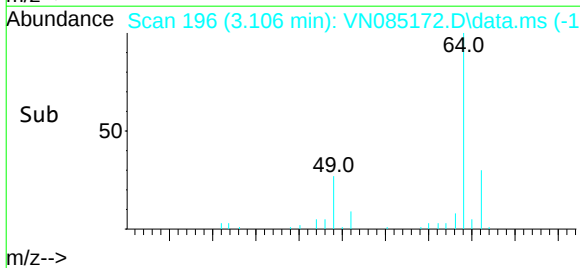
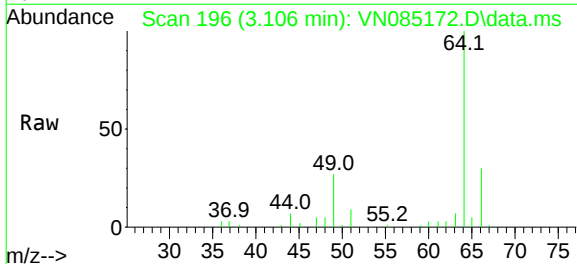
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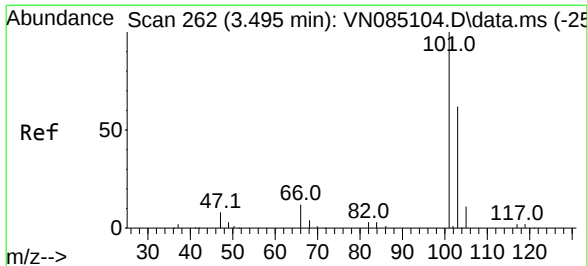
Reviewed By :John Carlone 12/11/2024
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#6
Chloroethane
Concen: 35.815 ug/l
RT: 3.106 min Scan# 196
Delta R.T. 0.041 min
Lab File: VN085172.D
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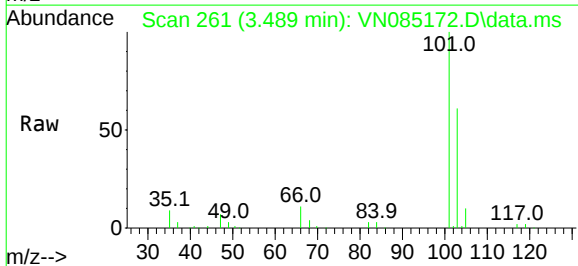
Tgt Ion: 64 Resp: 42884
Ion Ratio Lower Upper
64 100
66 29.7 24.4 36.6





#7
Trichlorofluoromethane
Concen: 41.519 ug/l
RT: 3.489 min Scan# 262
Delta R.T. 0.029 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

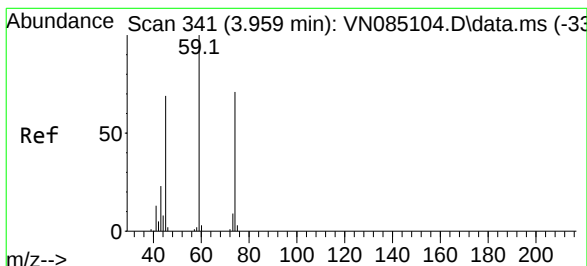
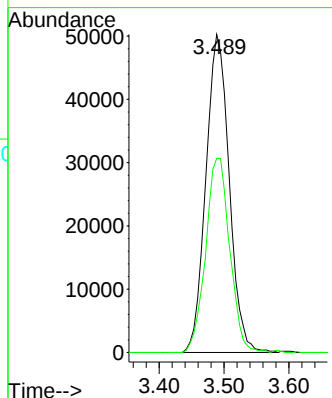
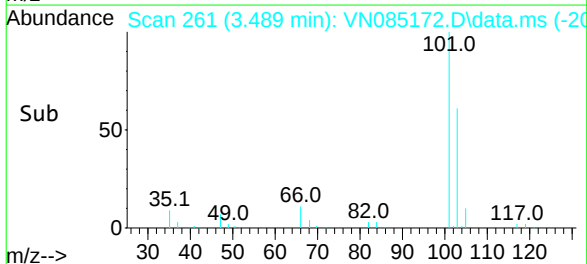
Instrument :
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Tgt Ion: 101 Resp: 125466
Ion Ratio Lower Upper
101 100
103 61.0 52.6 78.8

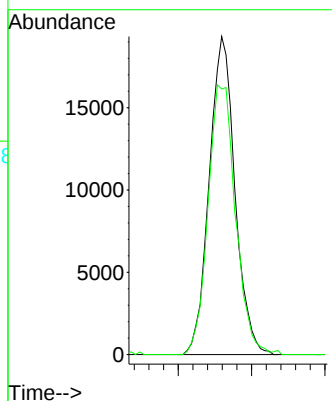
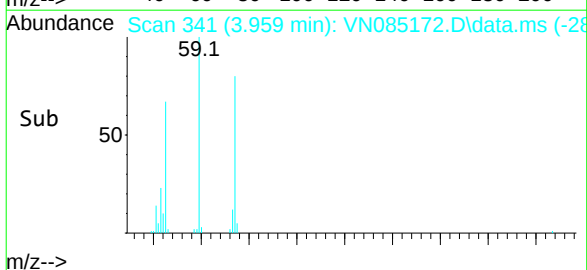
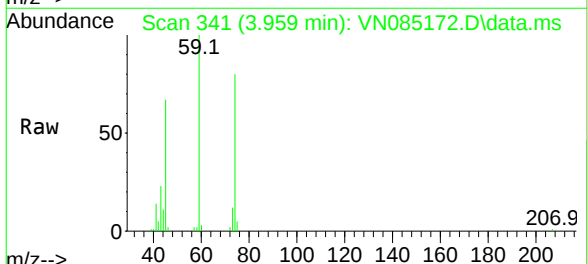
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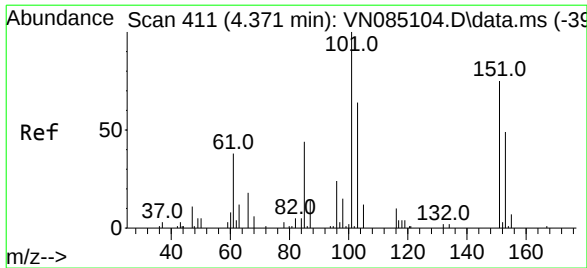
Reviewed By : John Carlone 12/11/2024
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#8
Diethyl Ether
Concen: 45.762 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.012 min
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Tgt Ion: 74 Resp: 47068
Ion Ratio Lower Upper
74 100
45 90.9 46.7 140.1





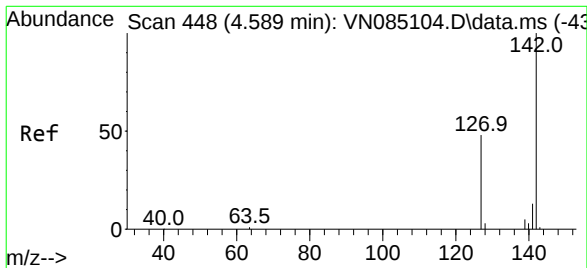
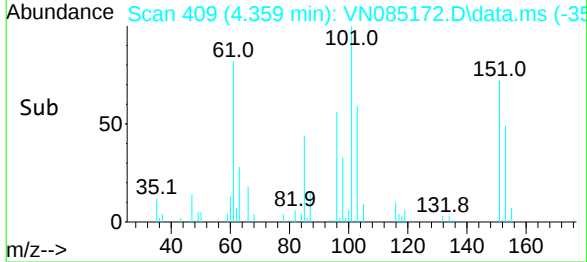
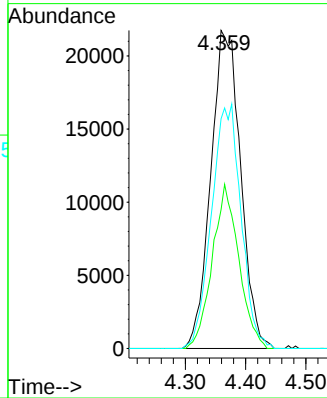
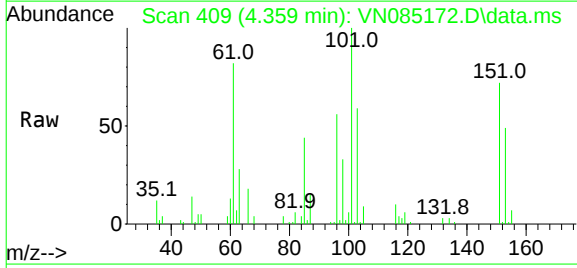
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.622 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 74764
Ion Ratio Lower Upper
101 100
85 45.9 36.9 55.3
151 76.1 60.8 91.2

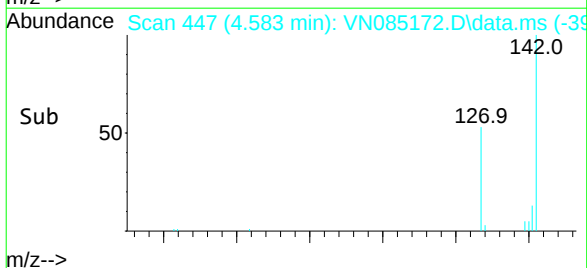
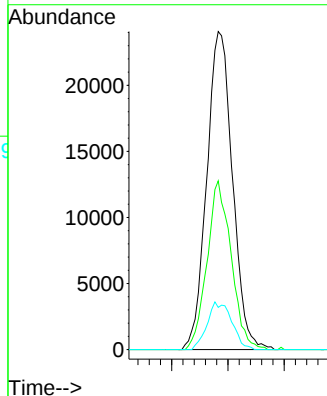
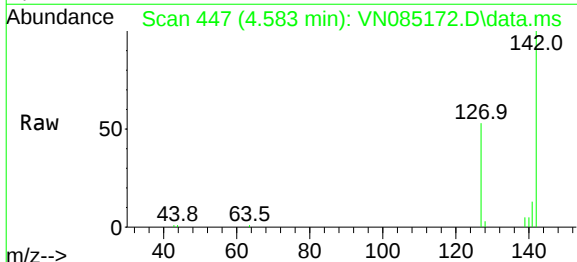
Manual Integrations
APPROVED

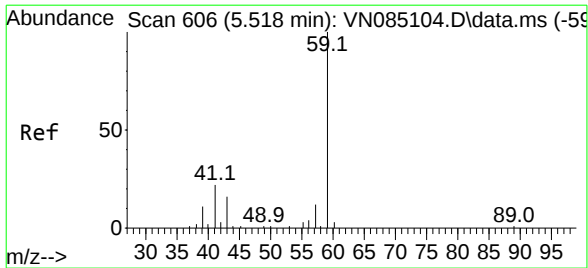
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#10
Methyl Iodide
Concen: 33.747 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

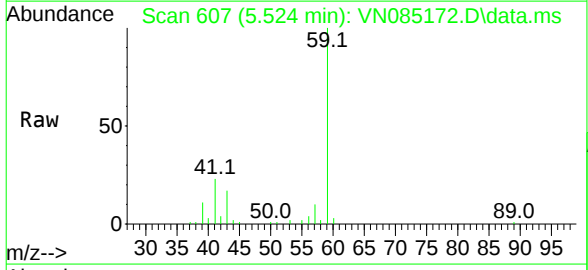
Tgt Ion:142 Resp: 76562
Ion Ratio Lower Upper
142 100
127 53.0 36.6 54.8
141 13.3 12.2 18.4





#11
Tert butyl alcohol
Concen: 338.561 ug/l
RT: 5.524 min Scan# 60
Delta R.T. -0.018 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

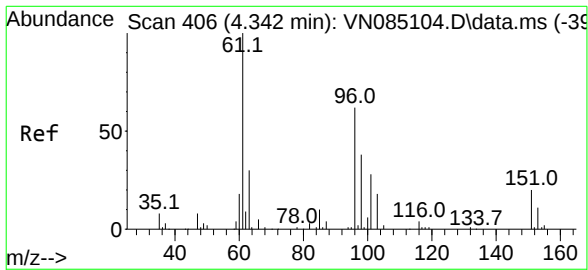
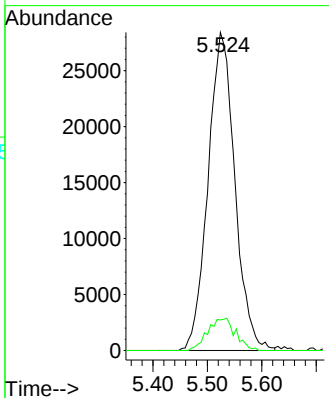
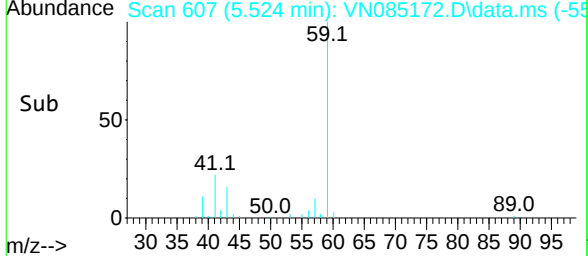
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 97134
Ion Ratio Lower Upper
59 100
57 10.5 7.4 11.0

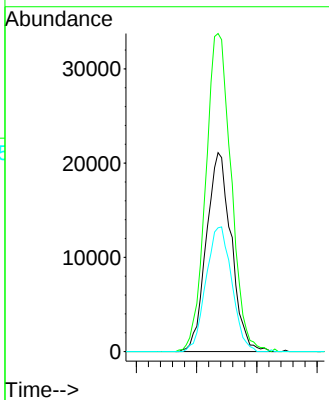
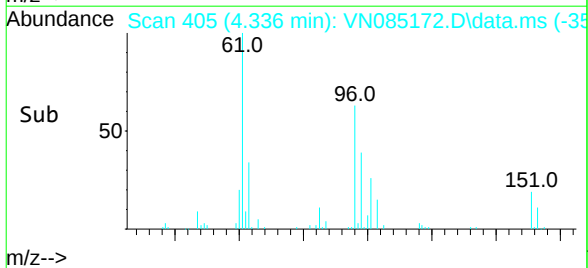
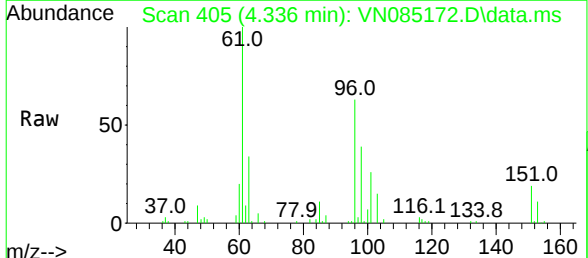
Manual Integrations
APPROVED

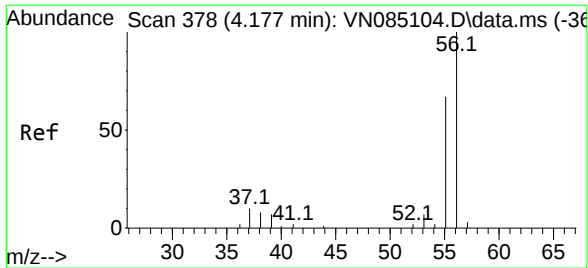
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#12
1,1-Dichloroethene
Concen: 37.997 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.017 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion: 96 Resp: 60788
Ion Ratio Lower Upper
96 100
61 159.9 127.8 191.8
98 62.2 49.2 73.8





#13
 Acrolein
 Concen: 258.340 ug/l
 RT: 4.177 min Scan# 378
 Delta R.T. 0.012 min
 Lab File: VN085172.D
 Acq: 10 Dec 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

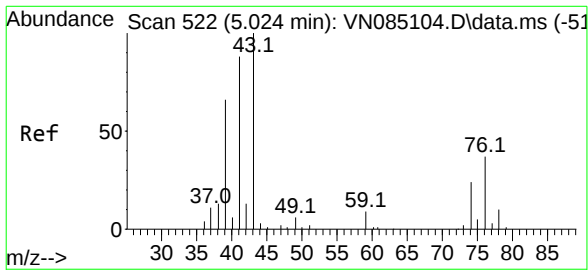
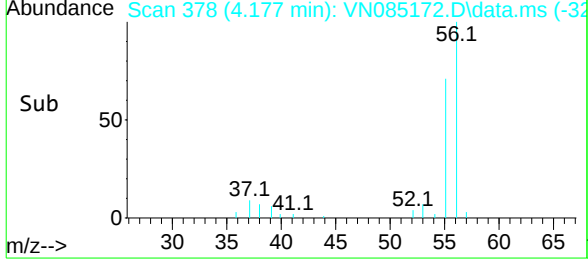
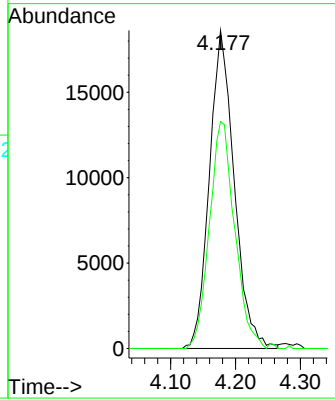
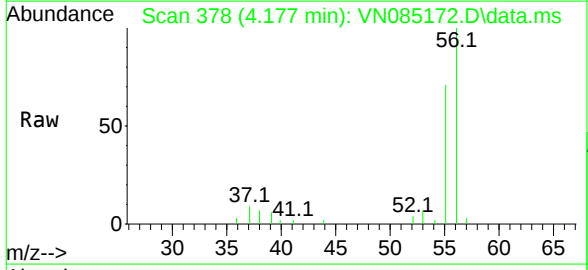
VSTDCCC050EC

Tgt Ion:	56	Resp:	49457
Ion Ratio	Lower	Upper	
56	100		
55	72.6	54.5	81.7

Manual Integrations

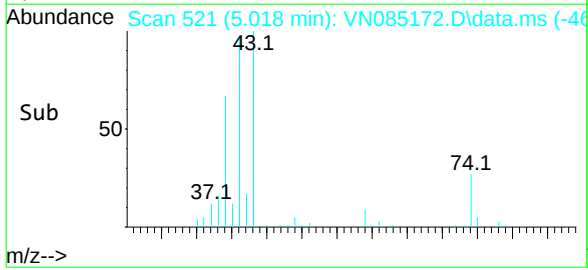
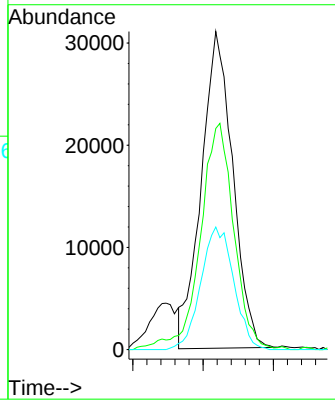
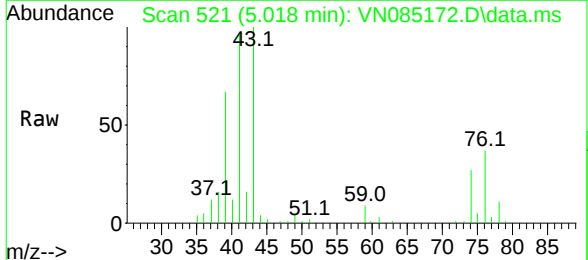
APPROVED

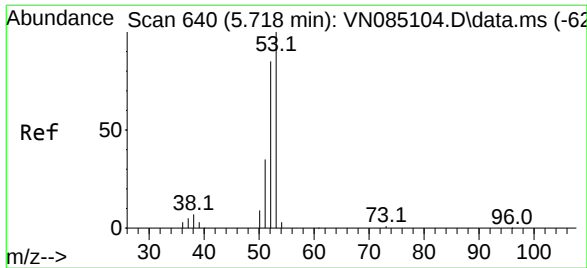
Reviewed By :John Carlone 12/11/2024
 Supervised By :Mahesh Dadoda 12/11/2024



#14
 Allyl chloride
 Concen: 35.648 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. 0.012 min
 Lab File: VN085172.D
 Acq: 10 Dec 2024 17:41

Tgt Ion:	41	Resp:	96139
Ion Ratio	Lower	Upper	
41	100		
39	76.3	53.8	80.8
76	40.6	29.3	43.9





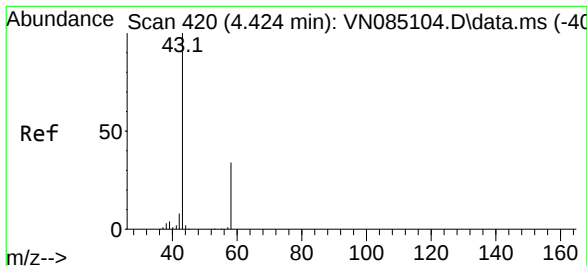
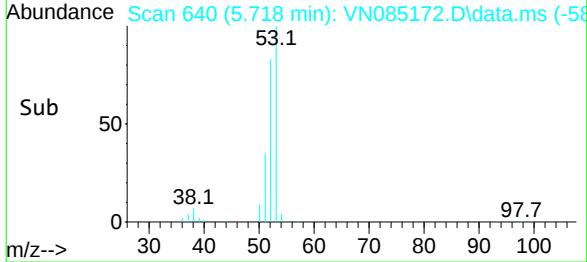
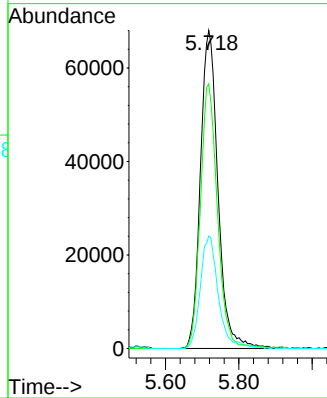
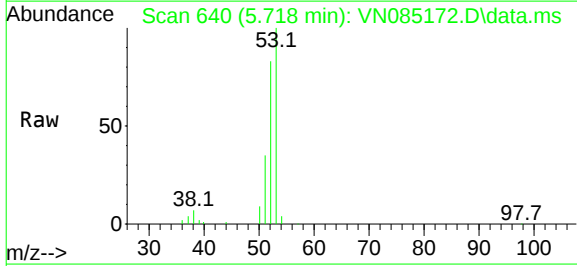
#15
Acrylonitrile
Concen: 278.524 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	53	Resp:	226236
Ion	Ratio	Lower	Upper
53	100		
52	79.9	65.5	98.3
51	36.3	28.4	42.6

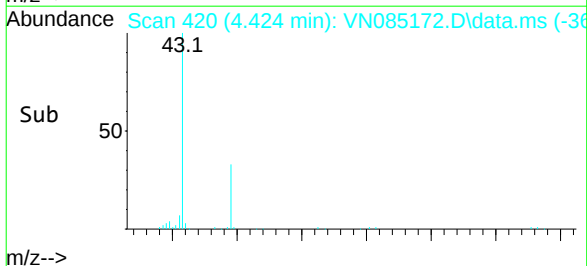
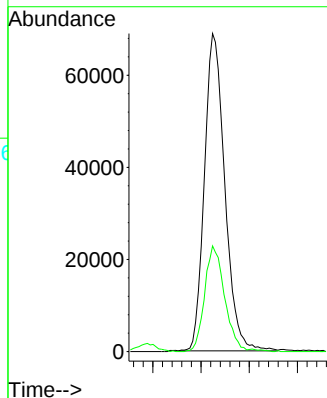
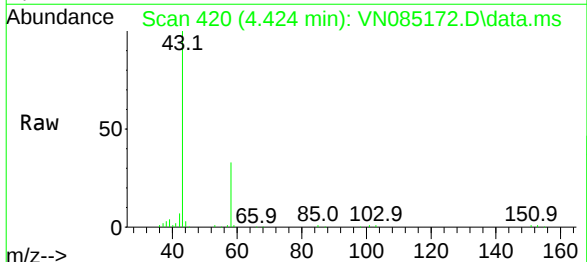
Manual Integrations
APPROVED

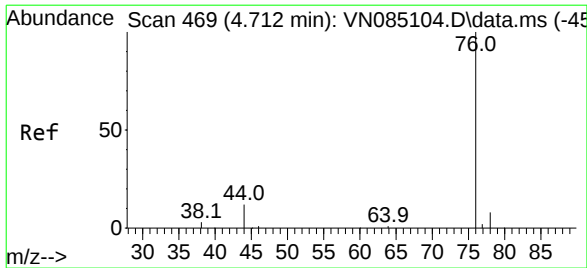
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#16
Acetone
Concen: 323.765 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion:	43	Resp:	202444
Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.4	38.2





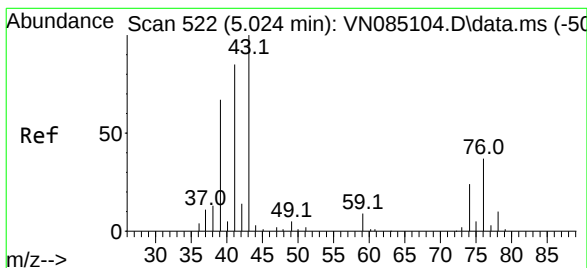
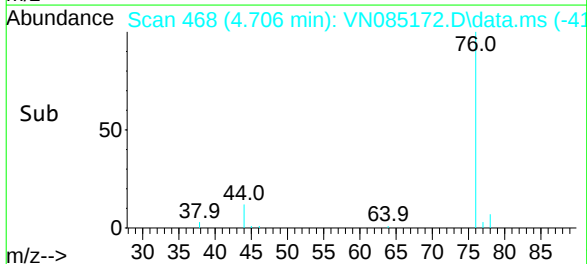
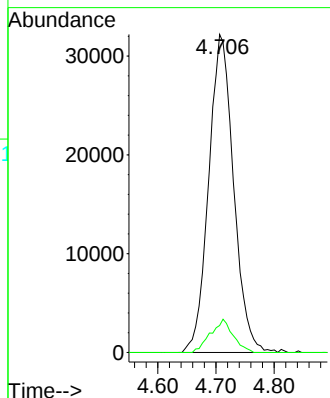
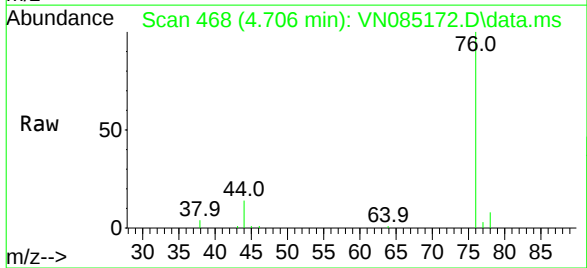
#17
Carbon Disulfide
Concen: 20.283 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.012 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 95778
Ion Ratio Lower Upper
76 100
78 8.5 6.5 9.7

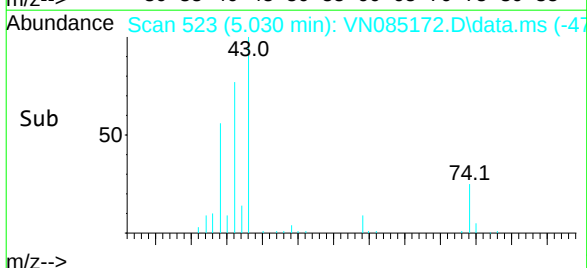
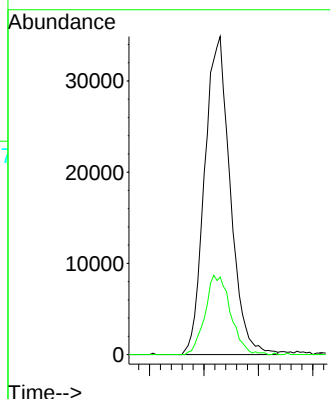
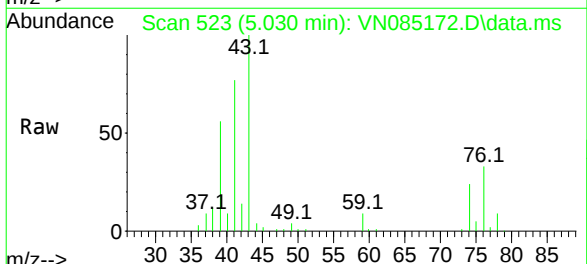
Manual Integrations
APPROVED

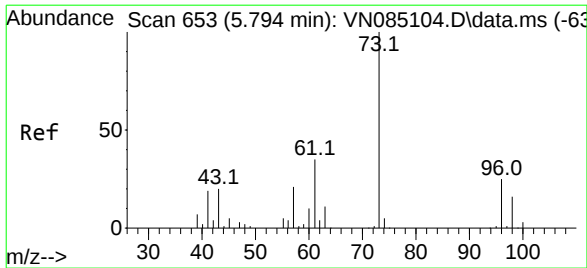
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#18
Methyl Acetate
Concen: 57.201 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion: 43 Resp: 113988
Ion Ratio Lower Upper
43 100
74 24.8 20.1 30.1





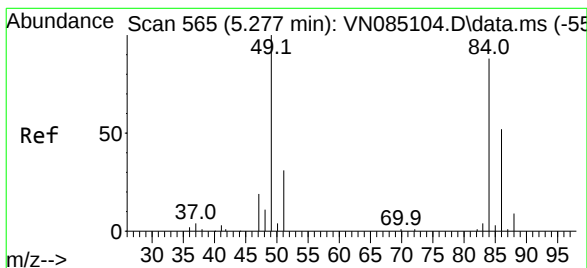
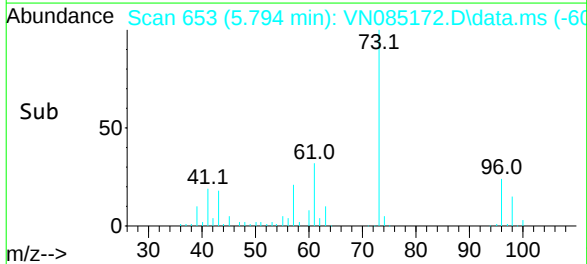
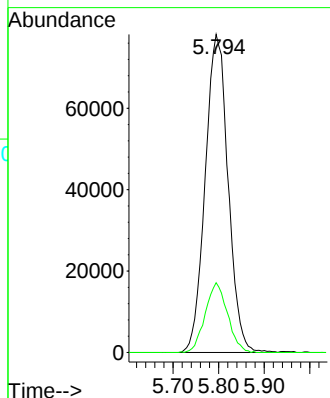
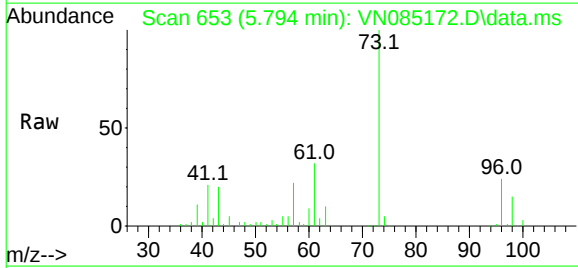
#19
Methyl tert-butyl Ether
Concen: 52.111 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 272387
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.4

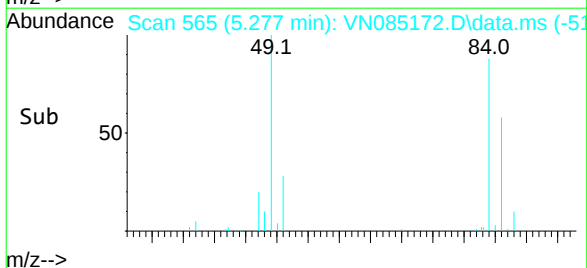
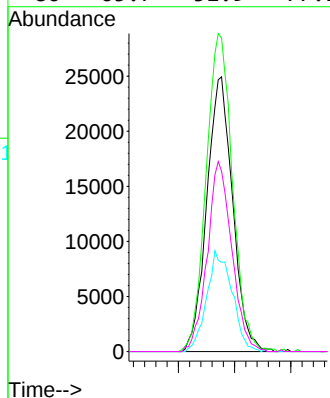
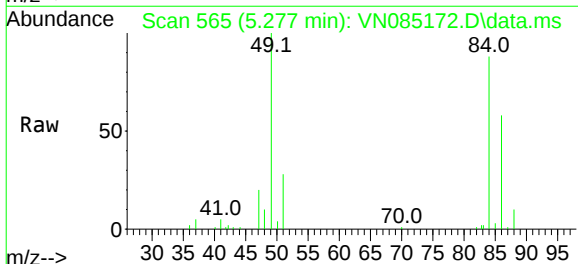
Manual Integrations
APPROVED

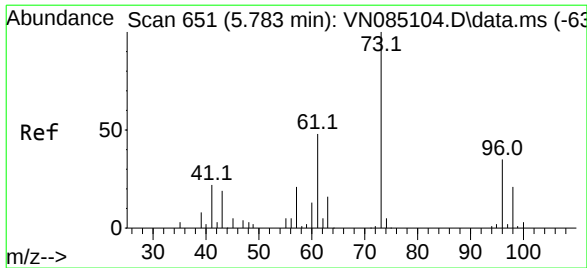
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#20
Methylene Chloride
Concen: 41.763 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.012 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

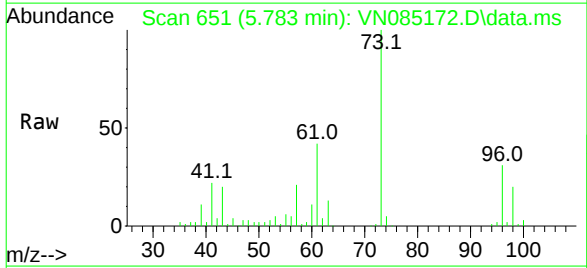
Tgt Ion: 84 Resp: 79686
Ion Ratio Lower Upper
84 100
49 114.2 92.7 139.1
51 32.5 29.4 44.2
86 65.7 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 37.210 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.012 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

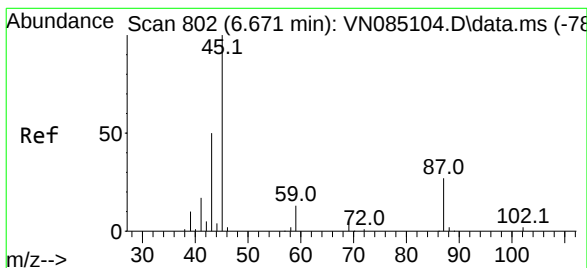
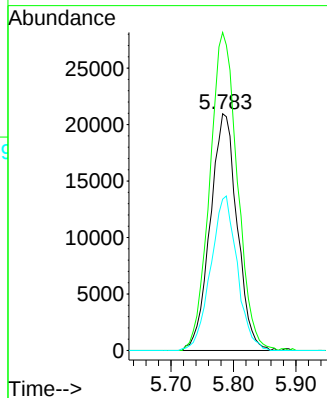
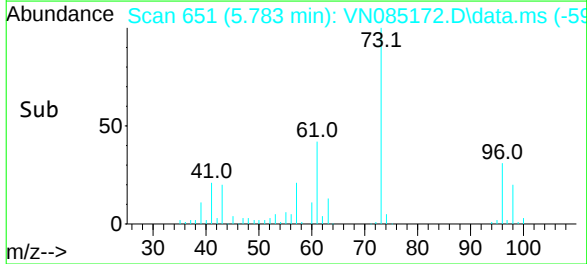
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



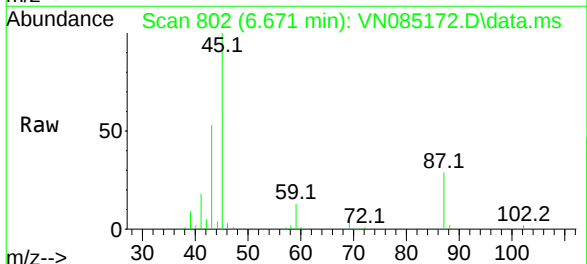
Tgt Ion: 96 Resp: 62643
Ion Ratio Lower Upper
96 100
61 134.4 100.7 151.1
98 63.9 45.8 68.6

Manual Integrations
APPROVED

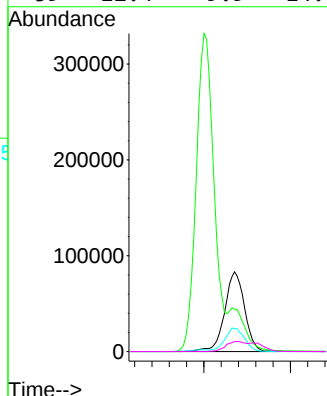
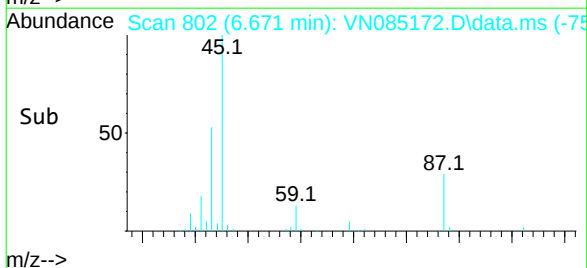
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

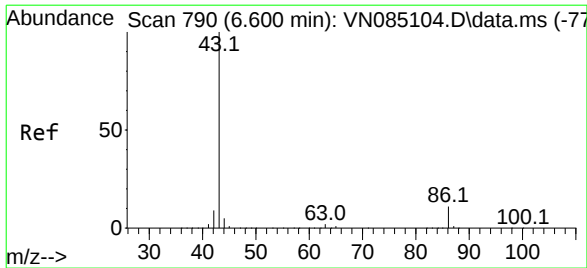


#22
Diisopropyl ether
Concen: 48.917 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41



Tgt Ion: 45 Resp: 265521
Ion Ratio Lower Upper
45 100
43 52.1 42.7 64.1
87 28.9 22.6 34.0
59 12.4 9.9 14.9





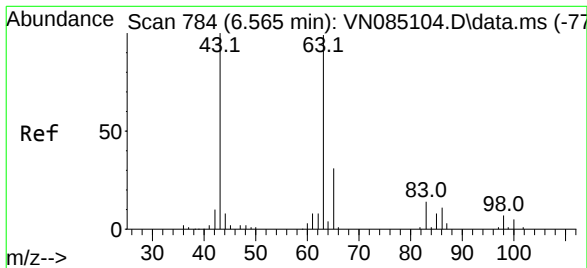
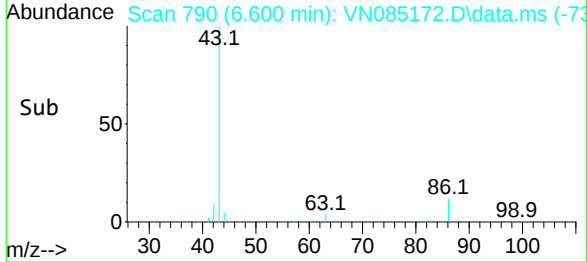
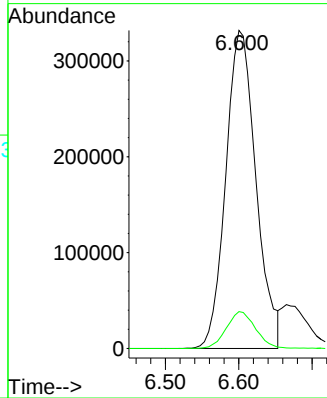
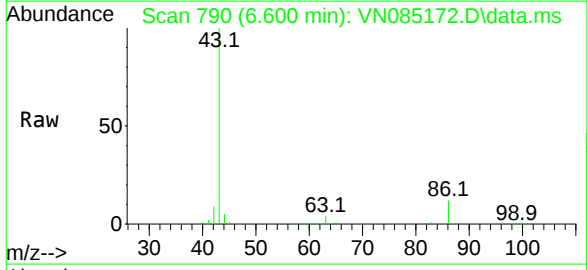
#23
 Vinyl Acetate
 Concen: 253.662 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085172.D
 Acq: 10 Dec 2024 17:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 949873
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.9 13.3

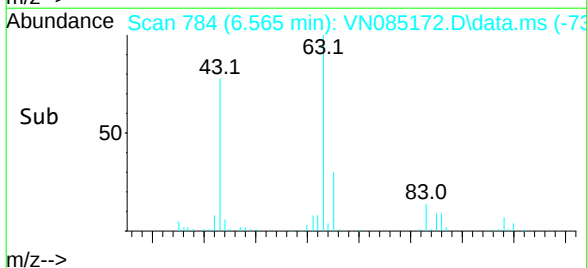
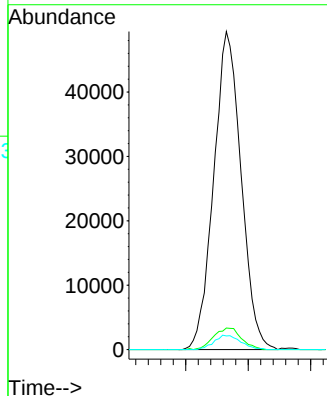
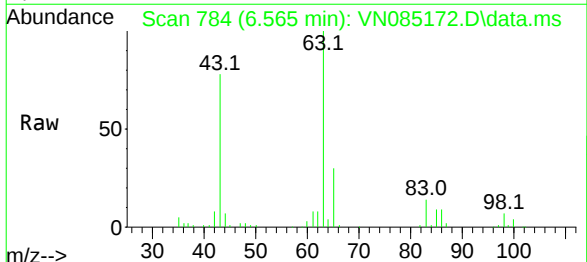
Manual Integrations
 APPROVED

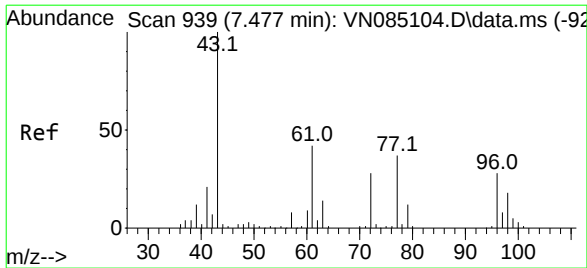
Reviewed By :John Carlone 12/11/2024
 Supervised By :Mahesh Dadoda 12/11/2024



#24
 1,1-Dichloroethane
 Concen: 46.309 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.012 min
 Lab File: VN085172.D
 Acq: 10 Dec 2024 17:41

Tgt Ion: 63 Resp: 150423
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.3 2.2 6.6





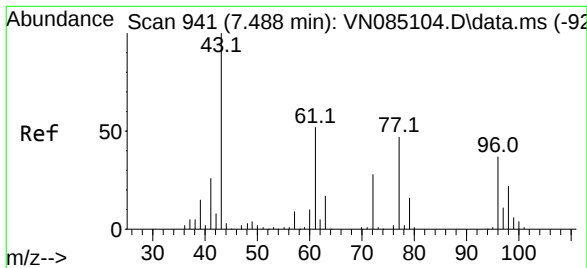
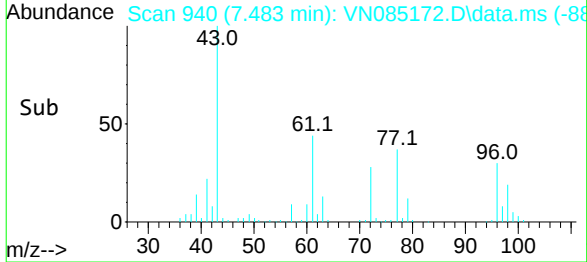
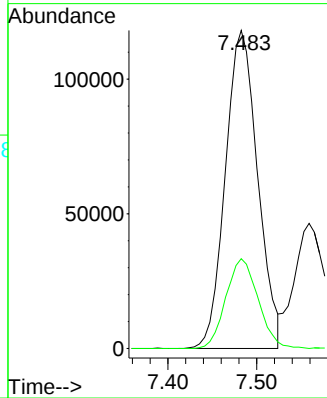
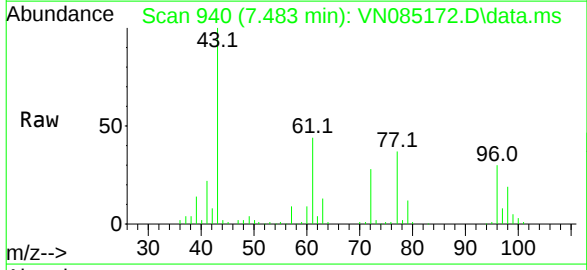
#25
2-Butanone
Concen: 292.085 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 298593
Ion Ratio Lower Upper
43 100
72 28.2 21.4 32.0

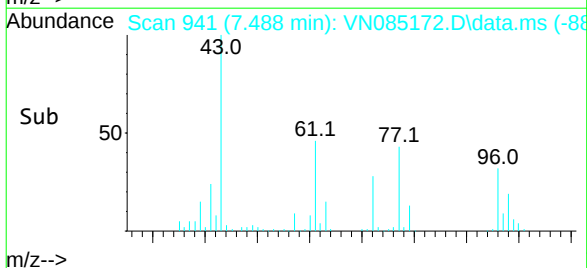
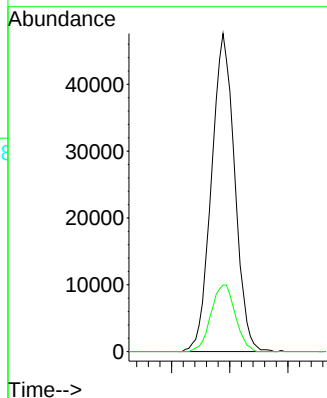
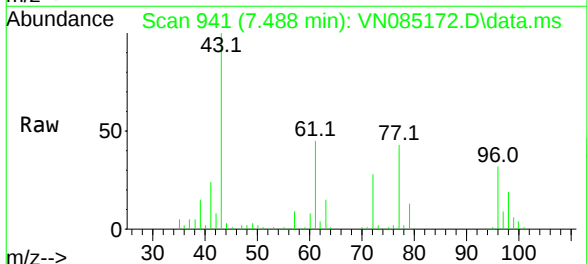
Manual Integrations
APPROVED

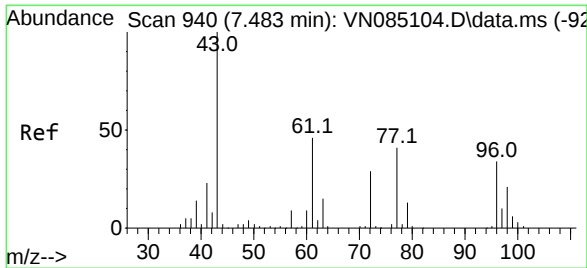
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#26
2,2-Dichloropropane
Concen: 43.507 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

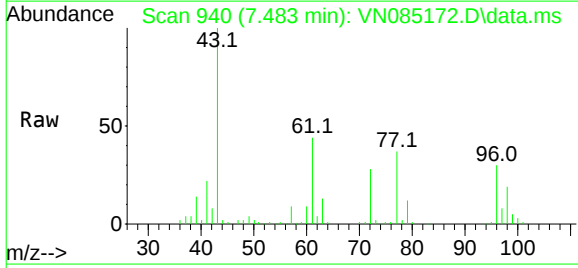
Tgt Ion: 77 Resp: 131960
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7





#27
cis-1,2-Dichloroethene
Concen: 44.515 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

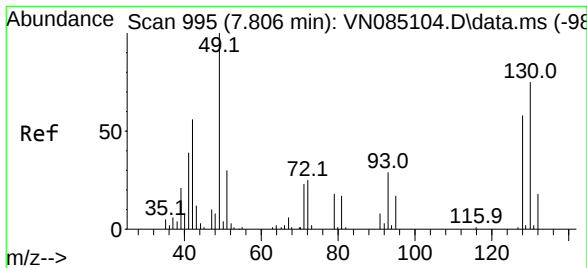
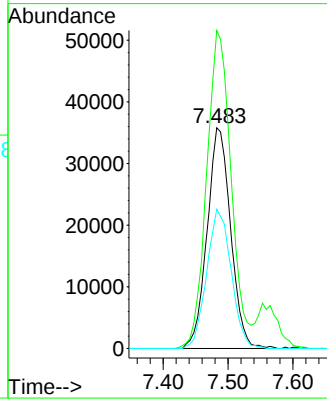
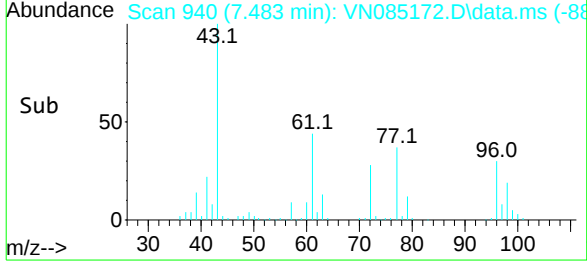
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



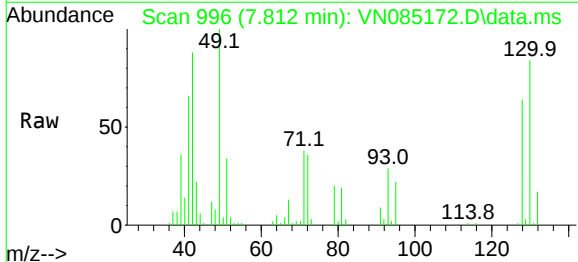
Tgt Ion: 96 Resp: 90345
Ion Ratio Lower Upper
96 100
61 149.3 0.0 291.6
98 65.5 0.0 129.8

Manual Integrations
APPROVED

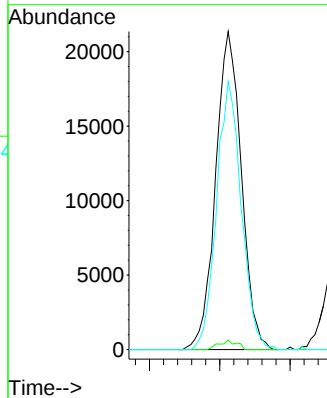
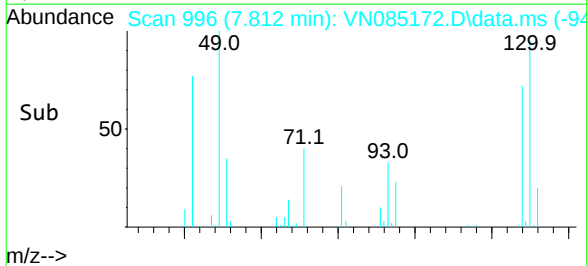
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

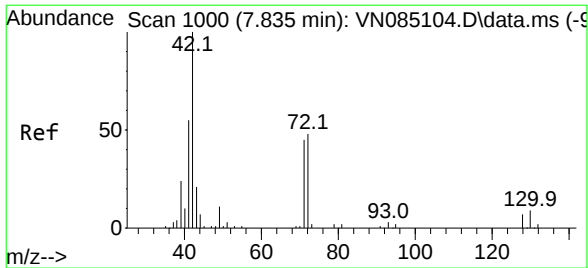


#28
Bromochloromethane
Concen: 44.303 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41



Tgt Ion: 49 Resp: 54322
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 81.0 60.6 90.8





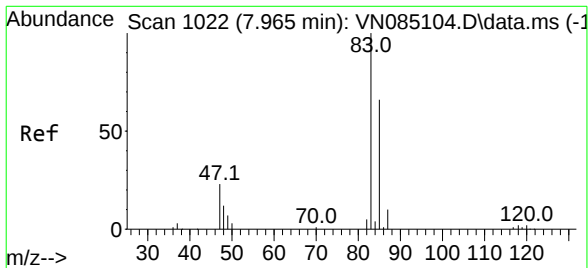
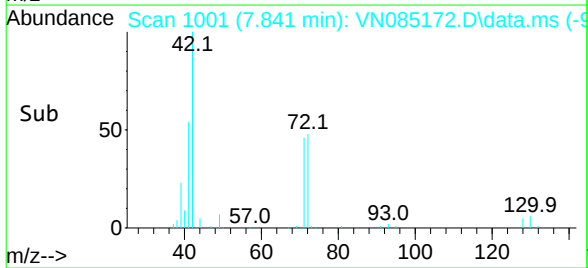
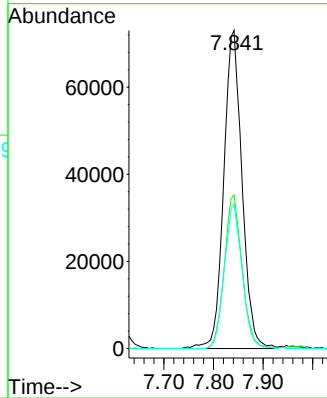
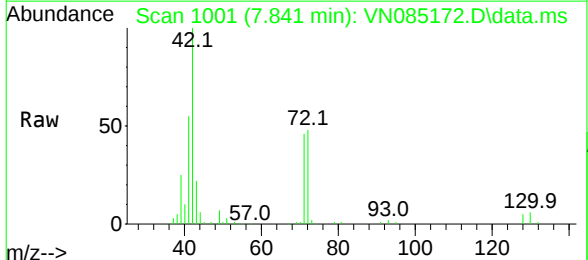
#29
Tetrahydrofuran
Concen: 294.029 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 186921
Ion Ratio Lower Upper
42 100
72 46.7 37.0 55.4
71 44.2 35.0 52.4

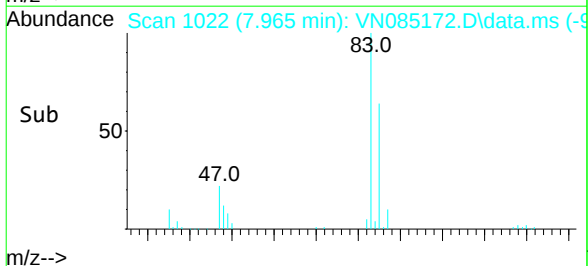
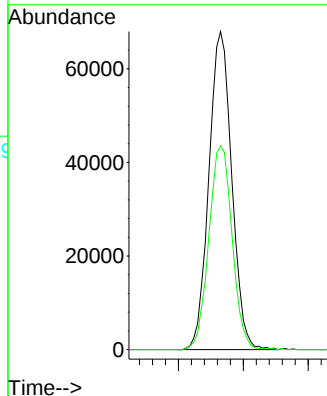
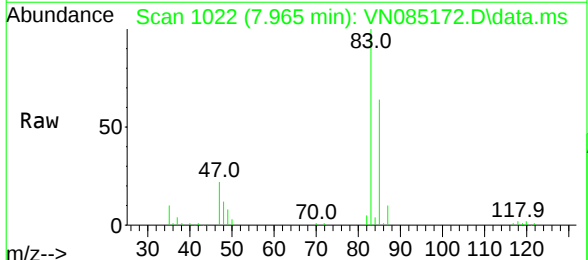
Manual Integrations
APPROVED

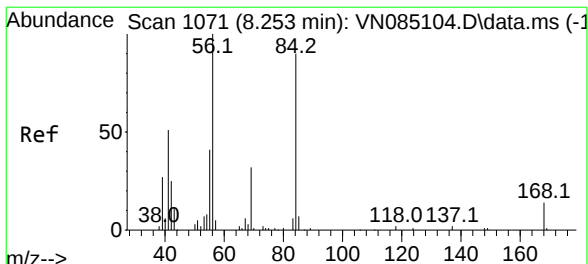
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#30
Chloroform
Concen: 48.106 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

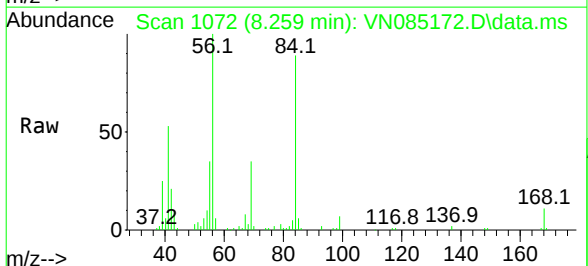
Tgt Ion: 83 Resp: 166218
Ion Ratio Lower Upper
83 100
85 64.1 52.6 78.8





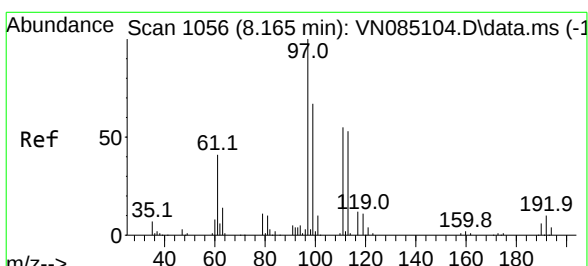
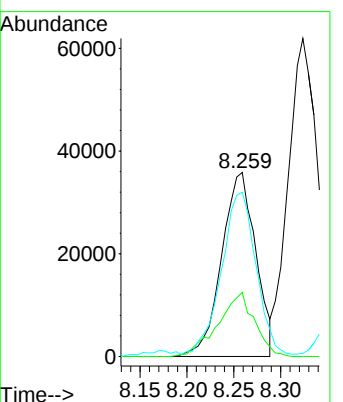
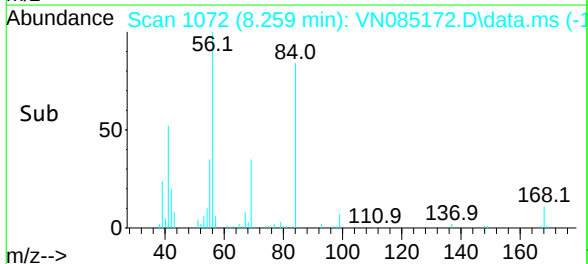
#31
Cyclohexane
Concen: 31.656 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

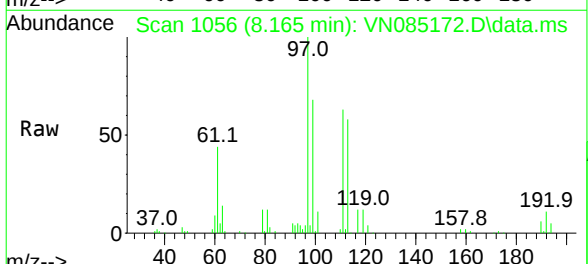


Tgt Ion:	56	Resp:	90533
Ion	Ratio	Lower	Upper
56	100		
69	34.8	24.6	36.8
84	87.6	71.4	107.2

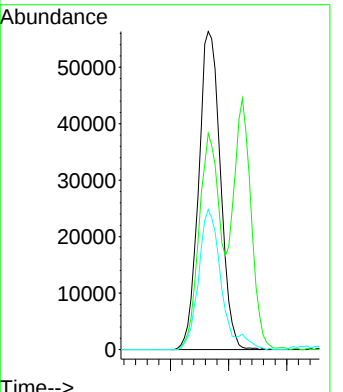
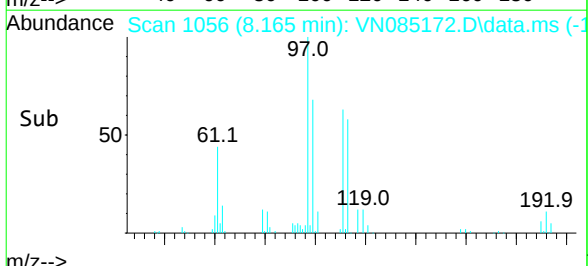
Manual Integrations
APPROVED
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

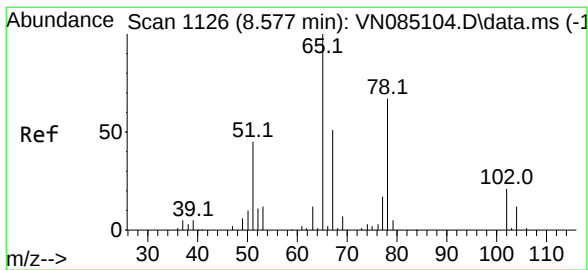


#32
1,1,1-Trichloroethane
Concen: 46.906 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41



Tgt Ion:	97	Resp:	146456
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.0	76.4
61	43.4	36.2	54.2





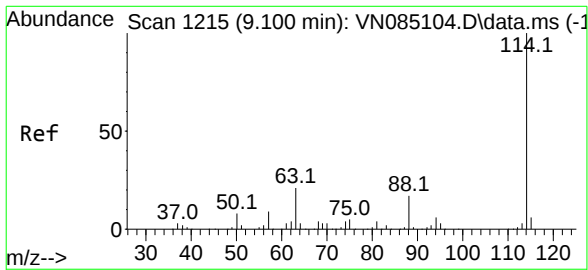
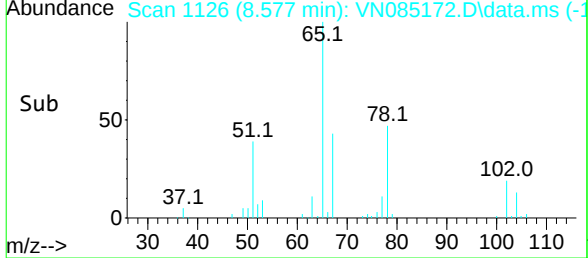
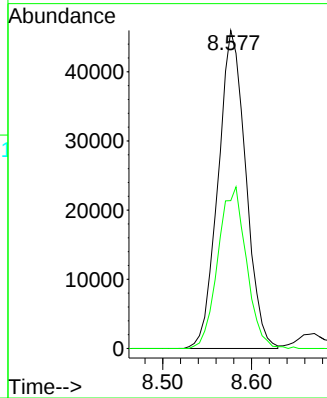
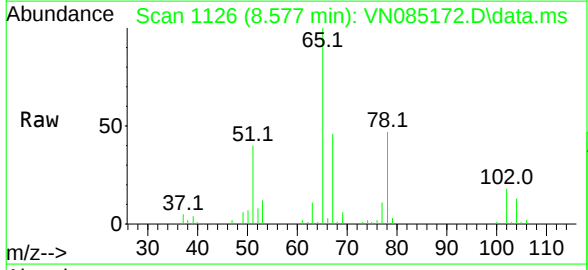
#33
 1,2-Dichloroethane-d4
 Concen: 46.318 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085172.D
 Acq: 10 Dec 2024 17:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 99444
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.0

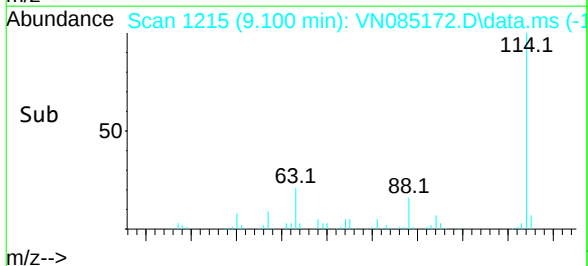
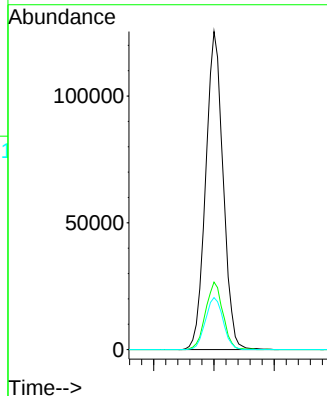
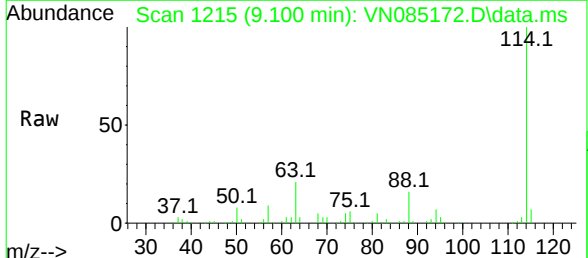
Manual Integrations
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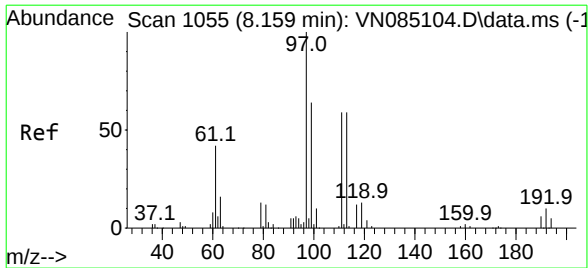
Reviewed By :John Carlone 12/11/2024
 Supervised By :Mahesh Dadoda 12/11/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085172.D
 Acq: 10 Dec 2024 17:41

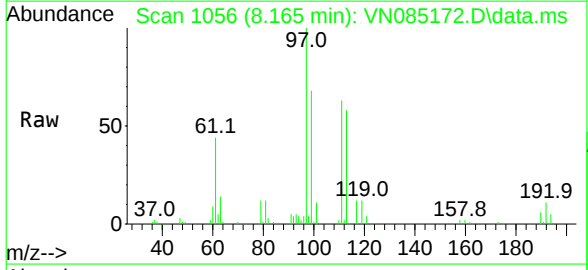
Tgt Ion:114 Resp: 251690
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.0
 88 16.3 0.0 34.8





#35
 Dibromofluoromethane
 Concen: 47.128 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085172.D
 Acq: 10 Dec 2024 17:41

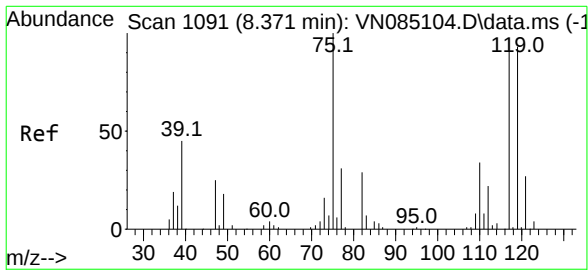
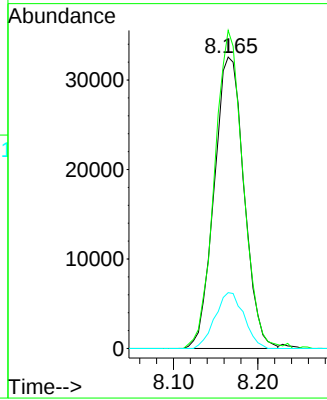
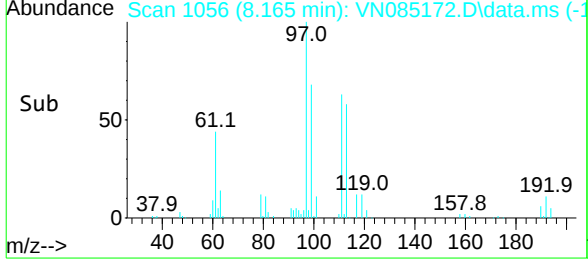
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:	113	Resp:	79991
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.0	123.0
192	18.6	14.8	22.2

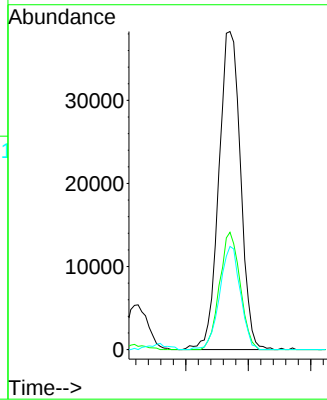
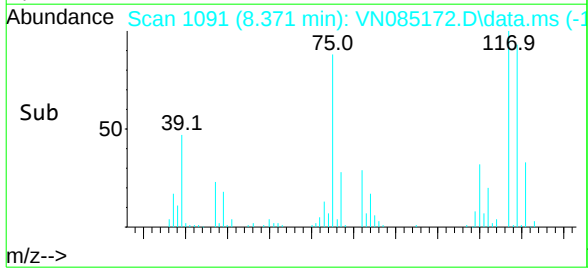
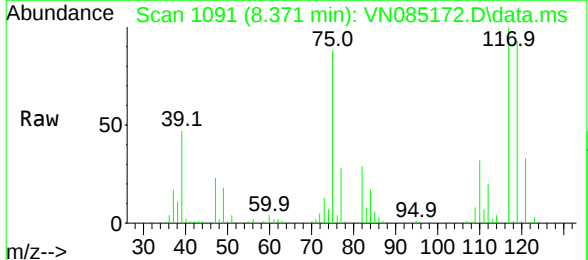
Manual Integrations
 APPROVED

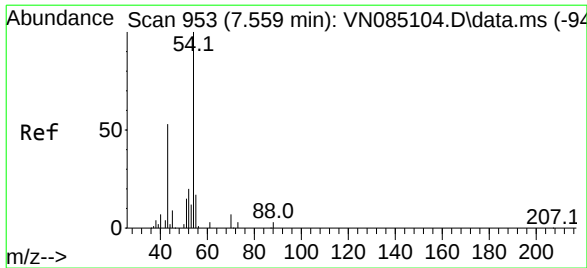
Reviewed By :John Carlone 12/11/2024
 Supervised By :Mahesh Dadoda 12/11/2024



#36
 1,1-Dichloropropene
 Concen: 40.228 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085172.D
 Acq: 10 Dec 2024 17:41

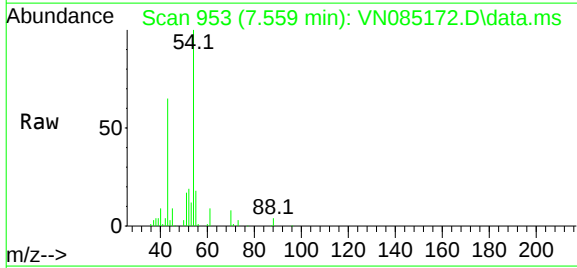
Tgt Ion:	75	Resp:	92485
Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.2	51.6
77	31.0	24.2	36.4





#37
Ethyl Acetate
Concen: 53.562 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

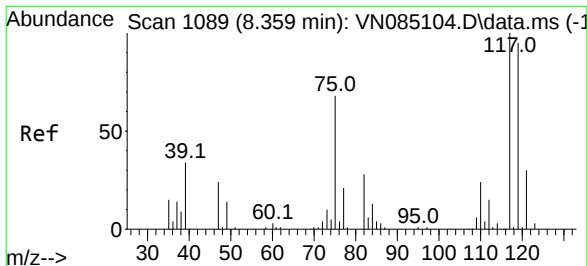
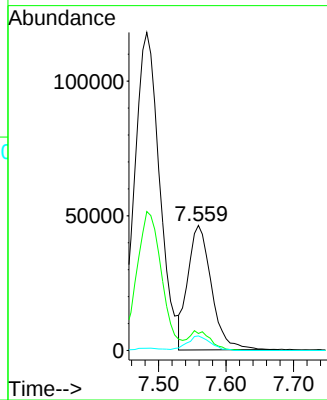
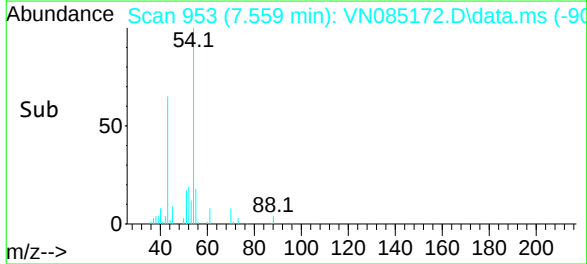
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 111946
Ion Ratio Lower Upper
43 100
61 14.8 11.7 17.5
70 11.5 9.3 13.9

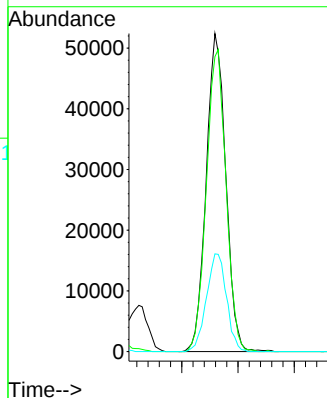
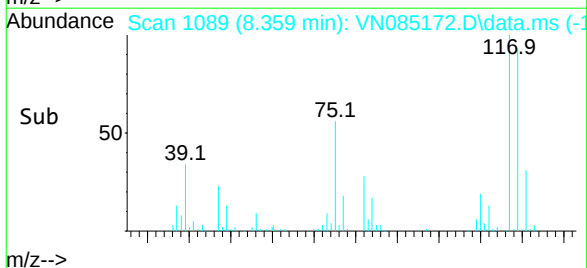
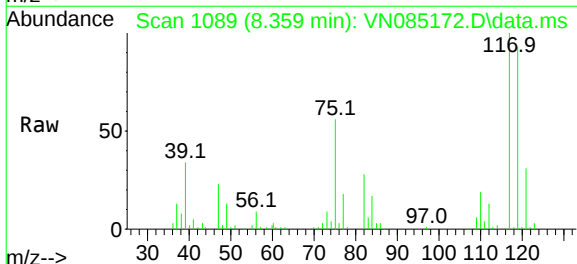
Manual Integrations
APPROVED

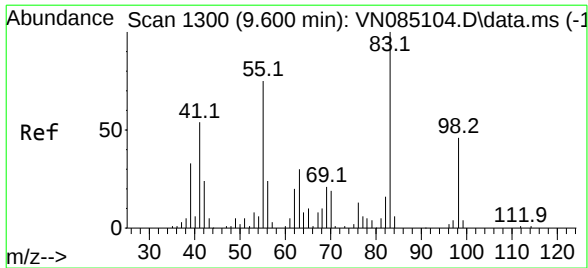
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#38
Carbon Tetrachloride
Concen: 47.779 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

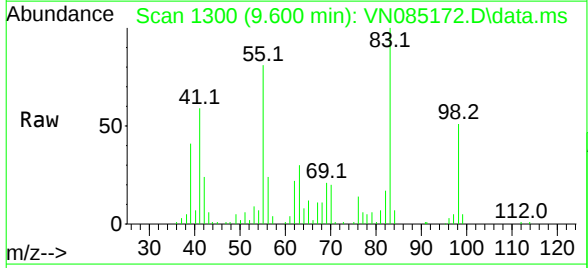
Tgt Ion:117 Resp: 126792
Ion Ratio Lower Upper
117 100
119 92.7 78.6 117.8
121 30.7 24.2 36.2





#39
Methylcyclohexane
Concen: 35.289 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

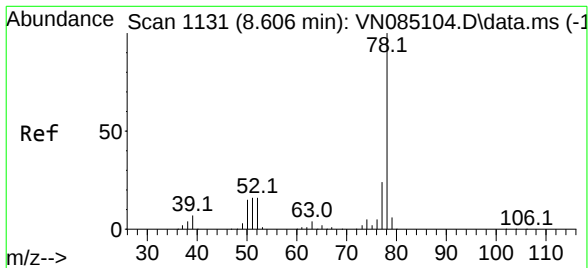
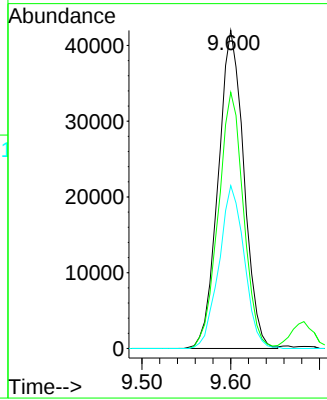
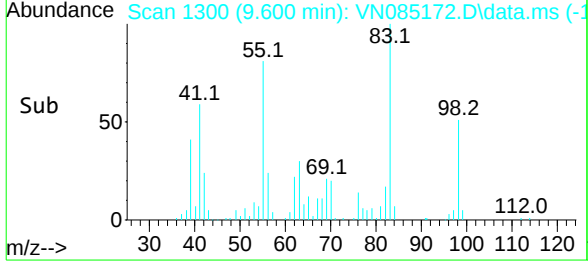
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 84306
Ion Ratio Lower Upper
83 100
55 80.5 61.8 92.6
98 51.2 37.0 55.6

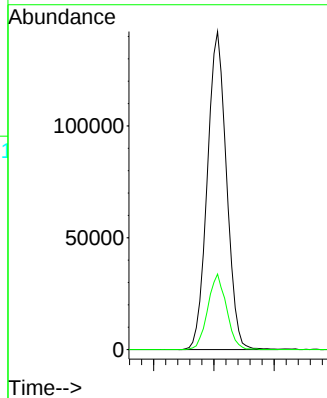
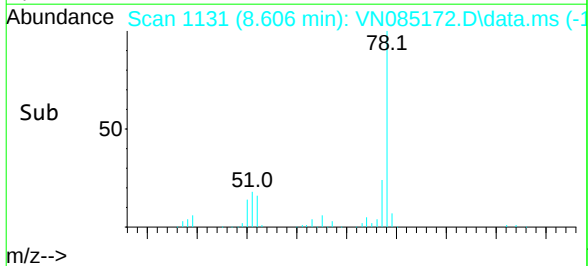
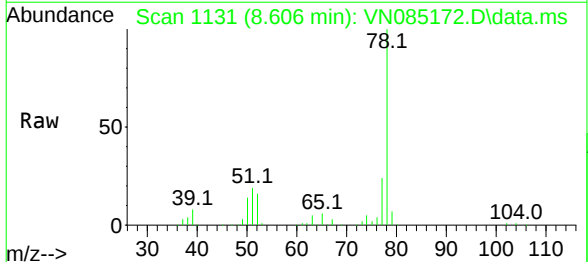
Manual Integrations
APPROVED

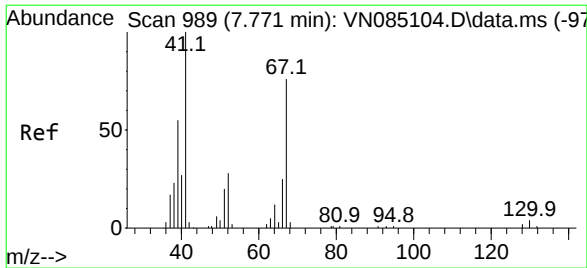
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#40
Benzene
Concen: 43.257 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion: 78 Resp: 314532
Ion Ratio Lower Upper
78 100
77 23.8 18.5 27.7





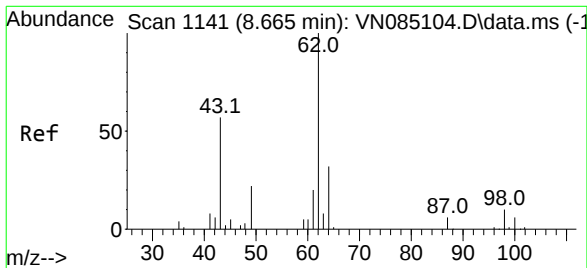
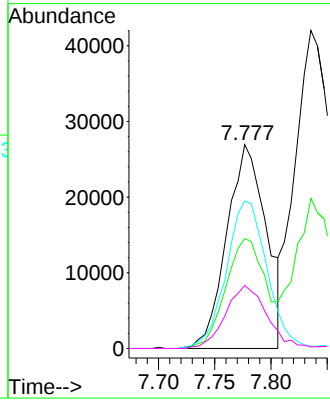
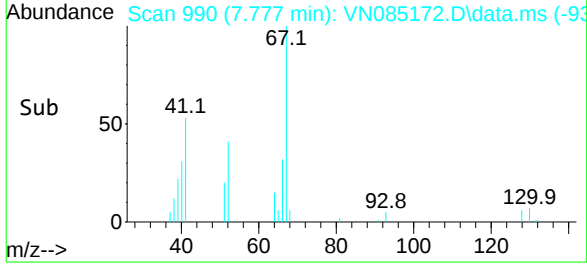
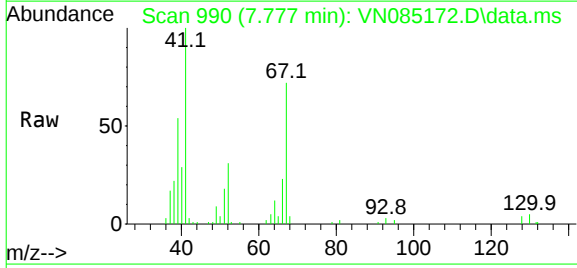
#41
Methacrylonitrile
Concen: 56.831 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	65765
Ion	Ratio	Lower	Upper
41	100		
39	55.3	42.6	63.8
67	75.2	59.9	89.9
52	32.4	24.8	37.2

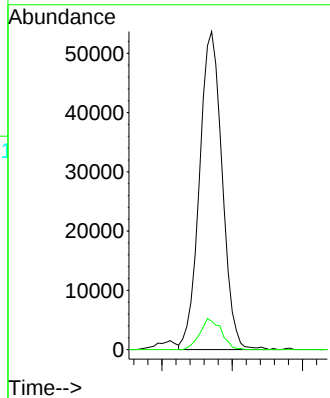
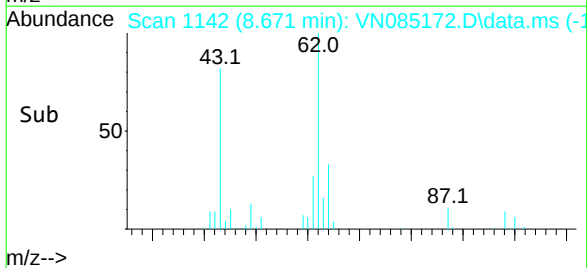
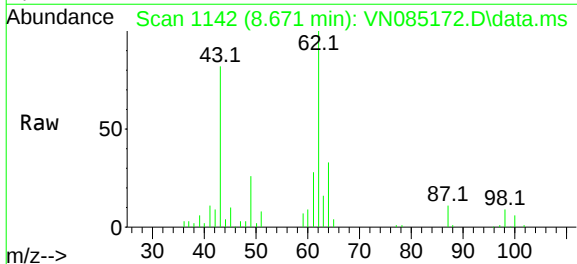
Manual Integrations
APPROVED

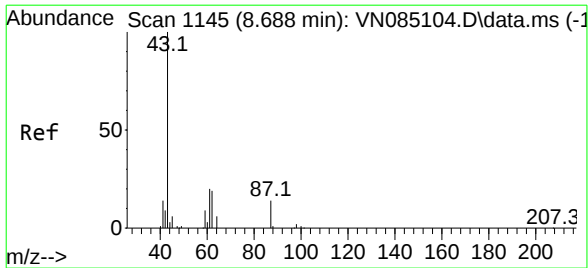
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#42
1,2-Dichloroethane
Concen: 48.376 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

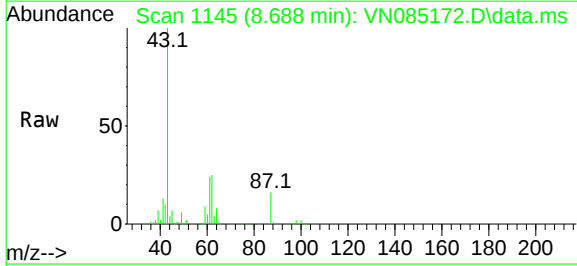
Tgt Ion:	62	Resp:	120340
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2





#43
Isopropyl Acetate
Concen: 55.924 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

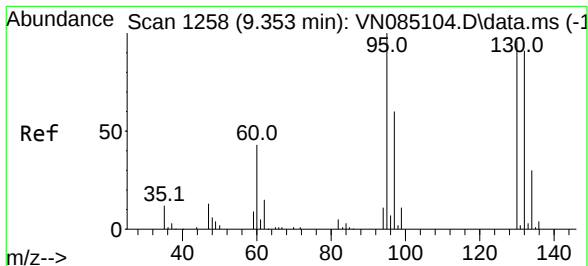
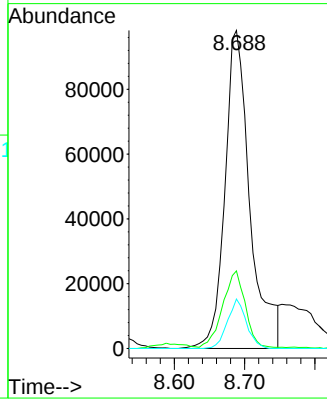
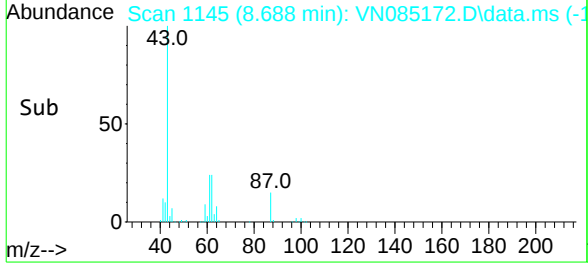
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 242787
Ion Ratio Lower Upper
43 100
61 21.9 20.6 30.8
87 11.8 11.0 16.4

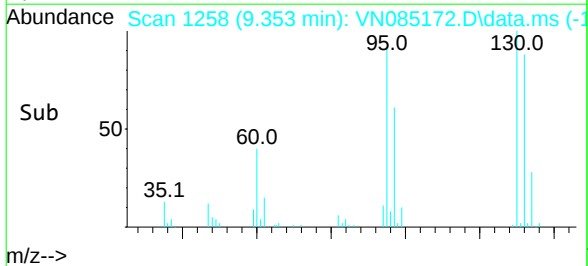
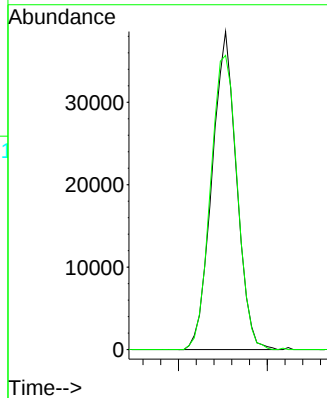
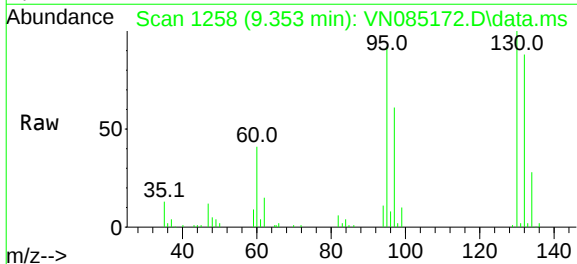
Manual Integrations
APPROVED

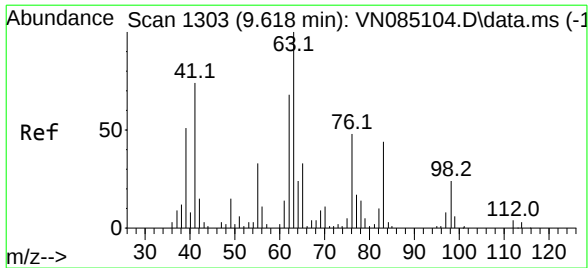
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#44
Trichloroethene
Concen: 43.970 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion:130 Resp: 74301
Ion Ratio Lower Upper
130 100
95 92.5 0.0 213.4





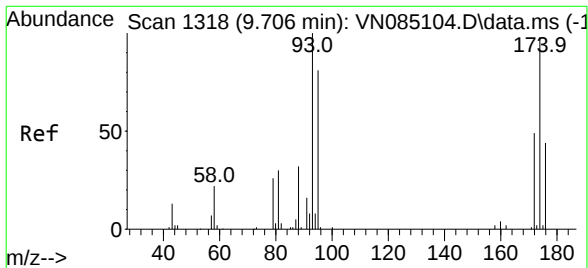
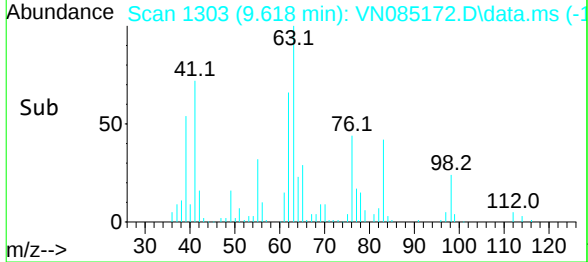
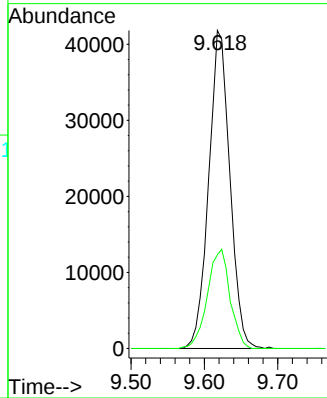
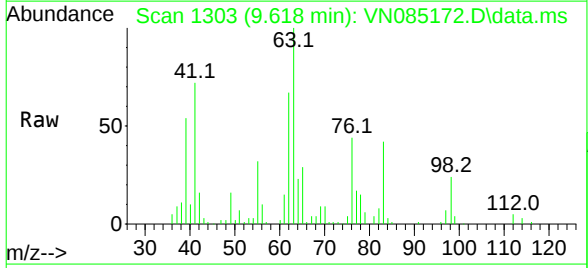
#45
1,2-Dichloropropane
Concen: 46.795 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 83806
Ion Ratio Lower Upper
63 100
65 29.4 24.0 36.0

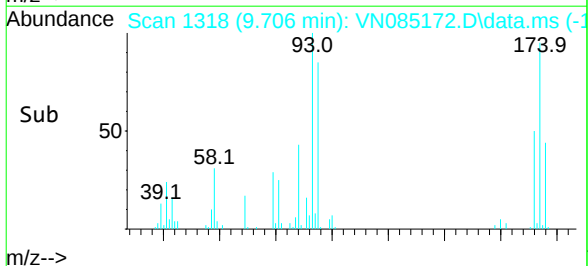
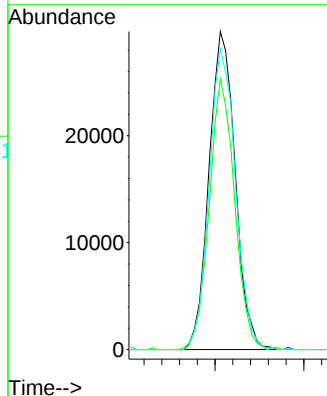
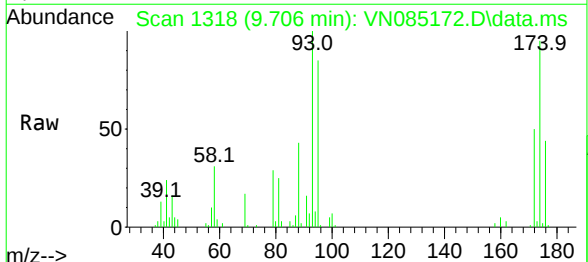
Manual Integrations
APPROVED

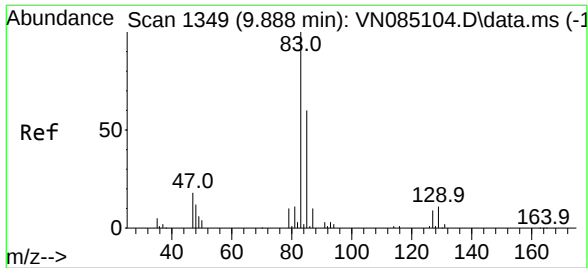
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#46
Dibromomethane
Concen: 49.006 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion: 93 Resp: 60986
Ion Ratio Lower Upper
93 100
95 82.7 66.2 99.4
174 94.9 74.9 112.3





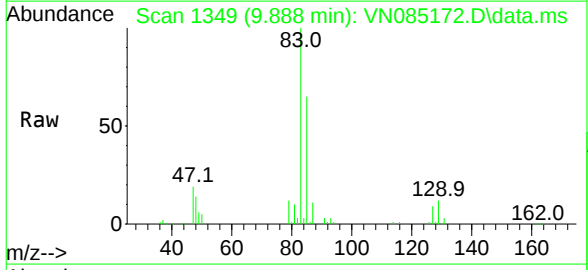
#47
Bromodichloromethane
Concen: 52.404 ug/l
RT: 9.888 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

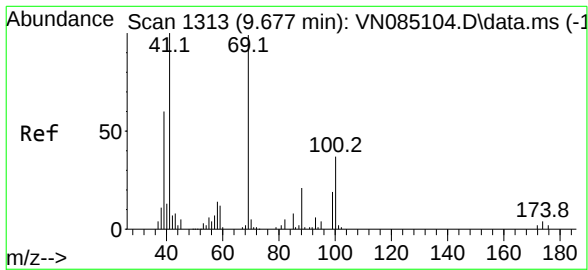
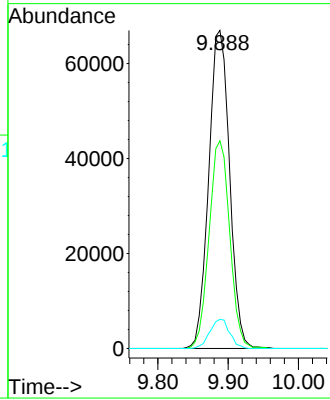
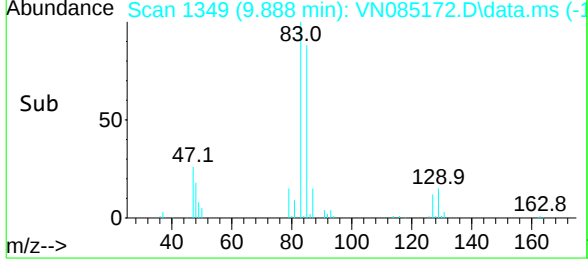
VSTDCCC050EC



Tgt Ion:	83	Resp:	138216
Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.5	75.7
127	9.1	7.1	10.7

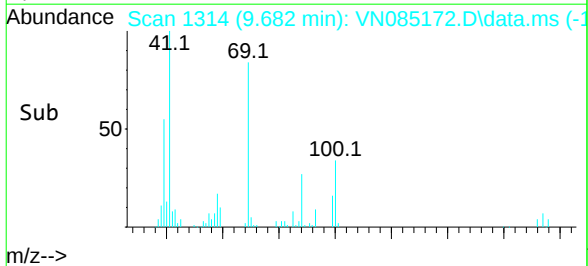
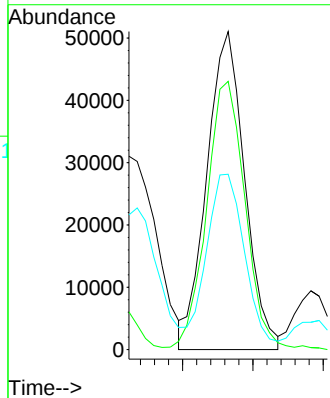
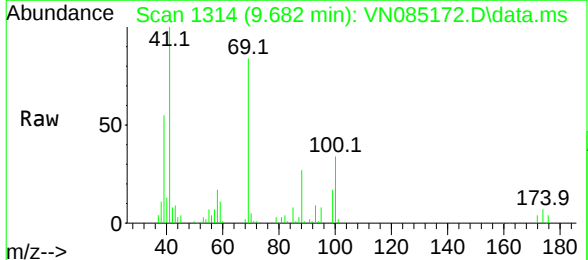
Manual Integrations
APPROVED

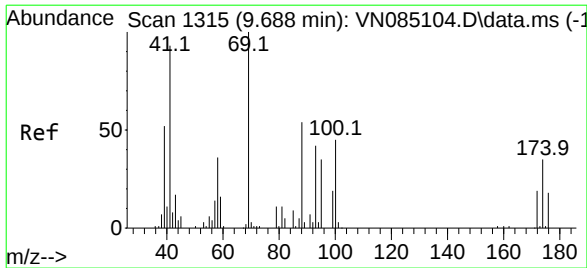
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#48
Methyl methacrylate
Concen: 59.142 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

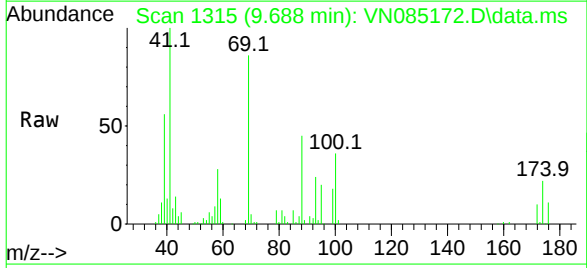
Tgt Ion:	41	Resp:	95544
Ion	Ratio	Lower	Upper
41	100		
69	86.0	73.2	109.8
39	56.8	46.2	69.4





#49
1,4-Dioxane
Concen: 1419.867 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

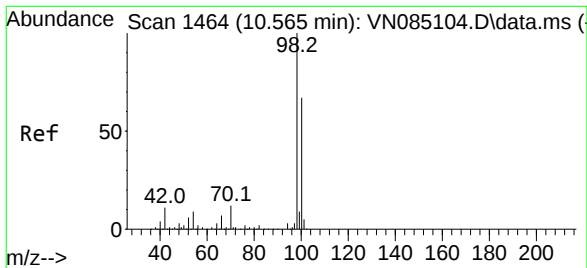
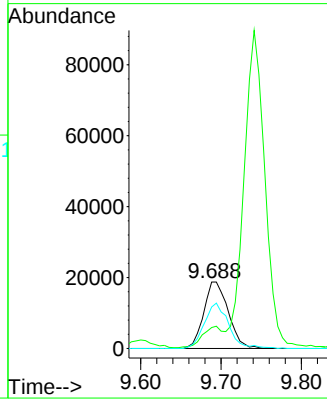
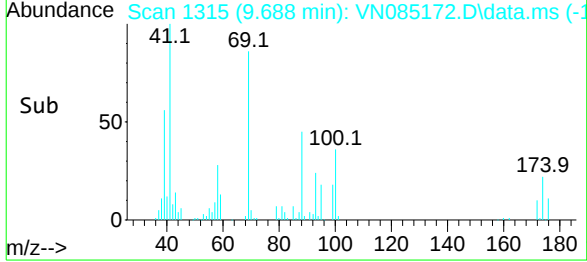
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 39779
Ion Ratio Lower Upper
88 100
43 28.9 16.7 25.1#
58 68.0 56.5 84.7

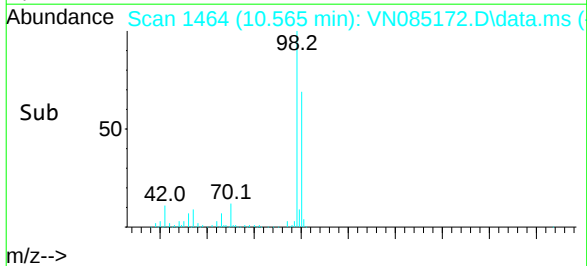
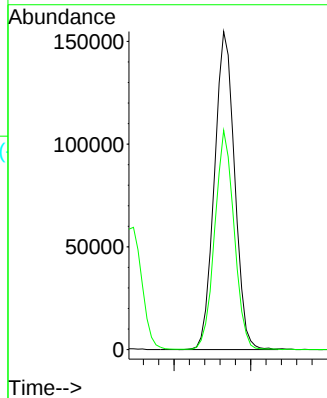
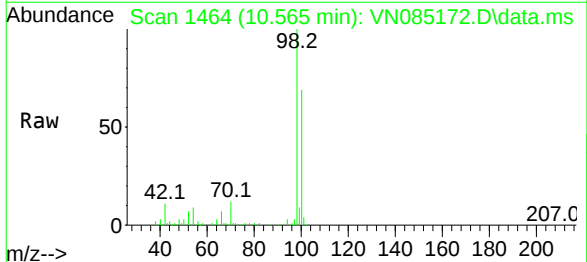
Manual Integrations
APPROVED

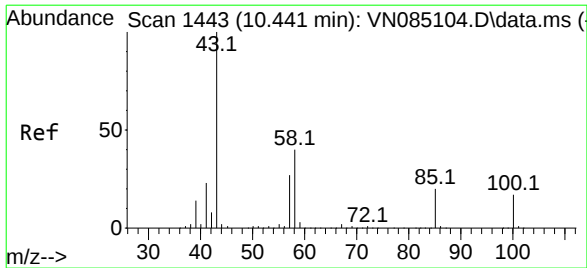
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#50
Toluene-d8
Concen: 46.619 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion: 98 Resp: 283574
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





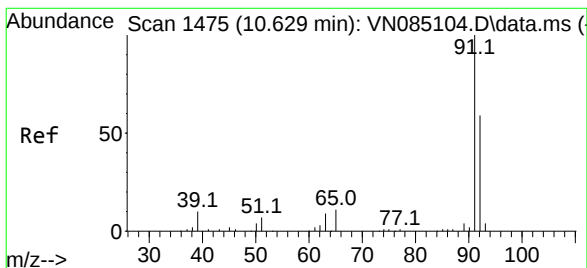
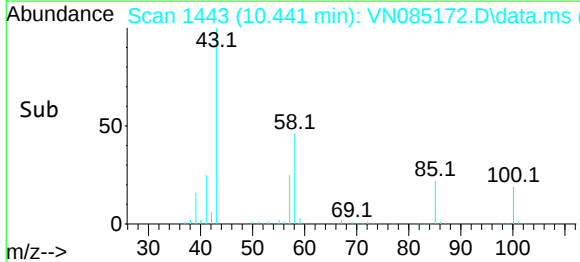
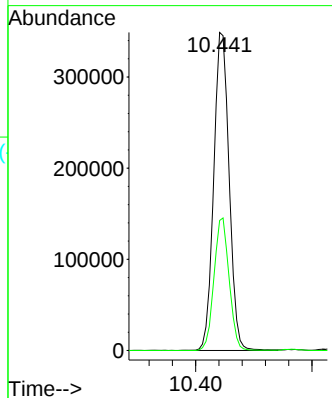
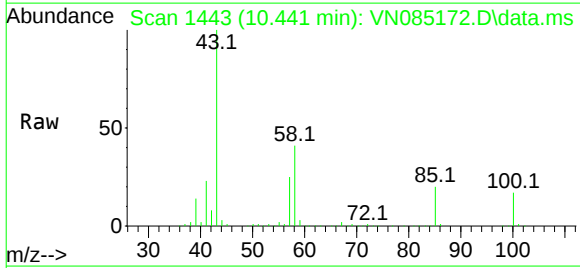
#51
4-Methyl-2-Pentanone
Concen: 323.917 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 642306
Ion Ratio Lower Upper
43 100
58 40.9 32.1 48.1

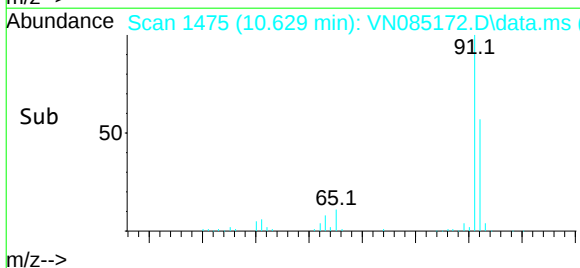
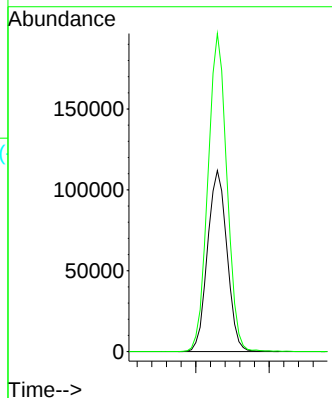
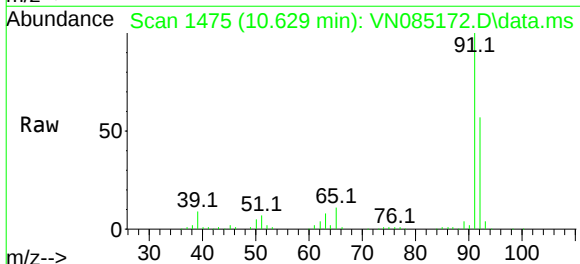
Manual Integrations
APPROVED

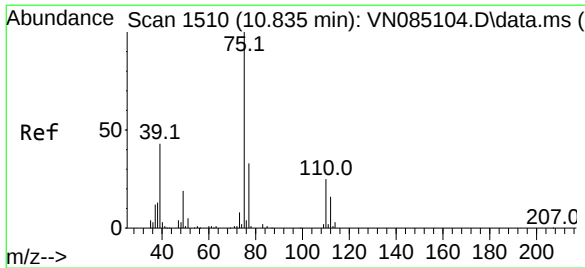
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#52
Toluene
Concen: 47.917 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

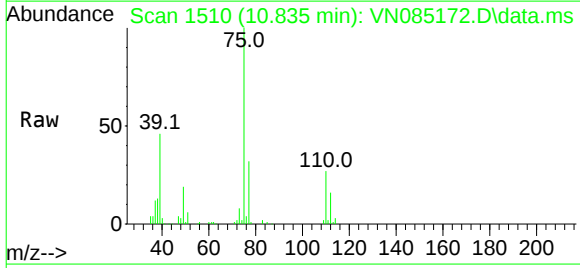
Tgt Ion: 92 Resp: 206263
Ion Ratio Lower Upper
92 100
91 171.3 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 49.597 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

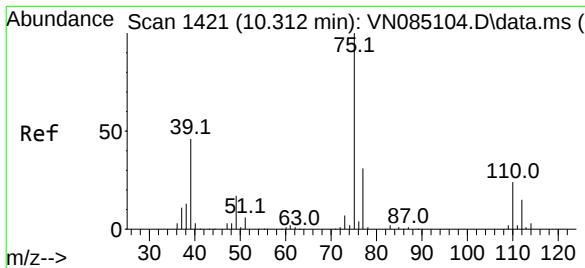
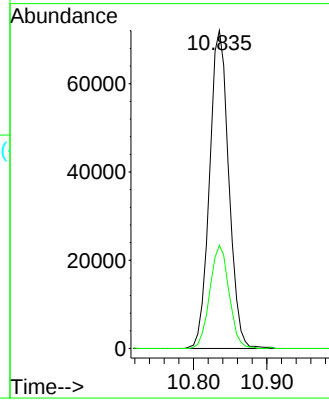
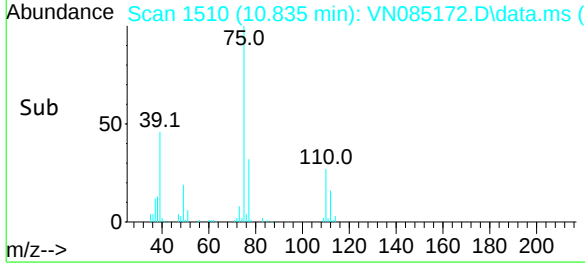
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 131148
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.4

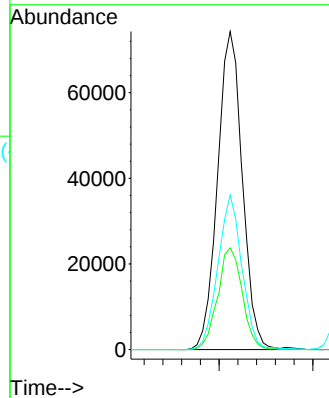
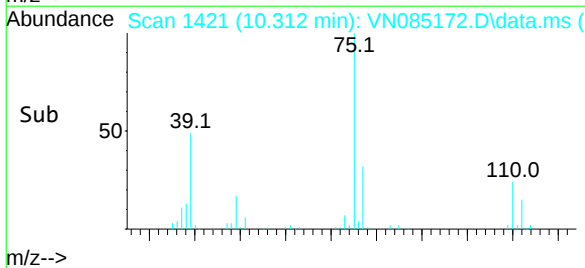
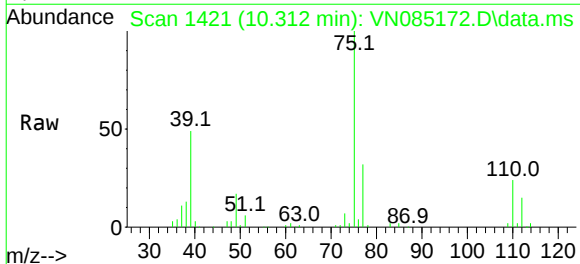
Manual Integrations
APPROVED

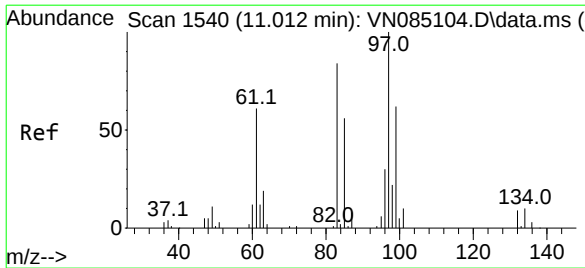
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#54
cis-1,3-Dichloropropene
Concen: 48.531 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion: 75 Resp: 136143
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4
39 48.6 37.6 56.4





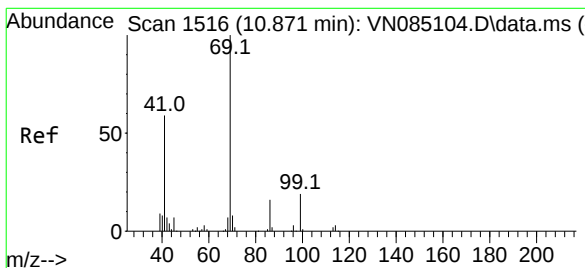
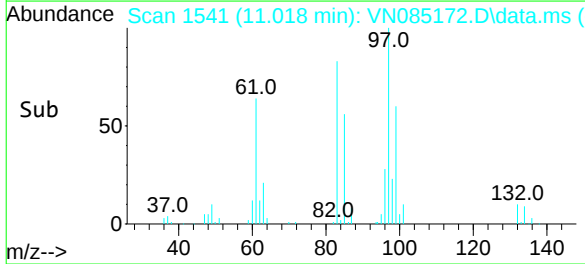
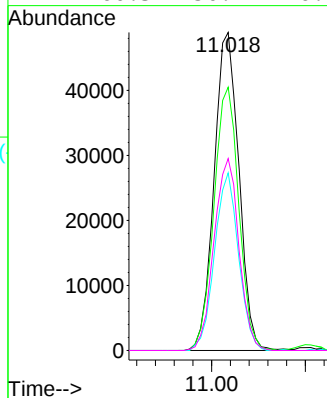
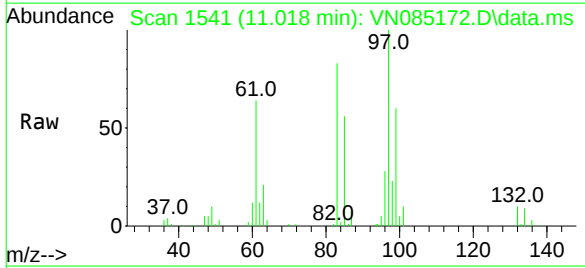
#55
1,1,2-Trichloroethane
Concen: 56.040 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	89853
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.4	101.2
85	55.8	43.1	64.7
99	60.3	50.9	76.3

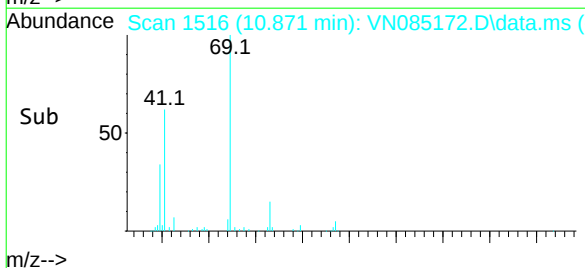
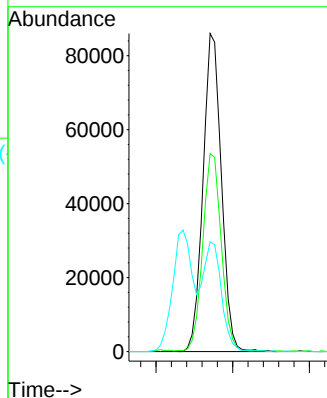
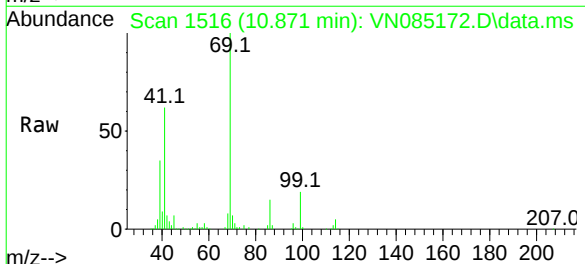
Manual Integrations
APPROVED

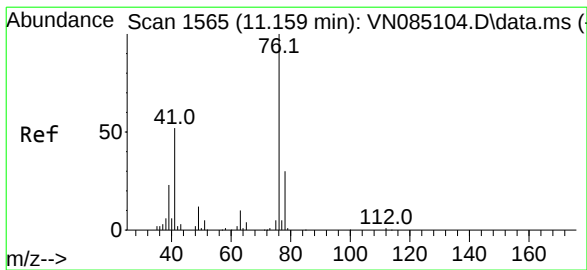
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#56
Ethyl methacrylate
Concen: 61.022 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

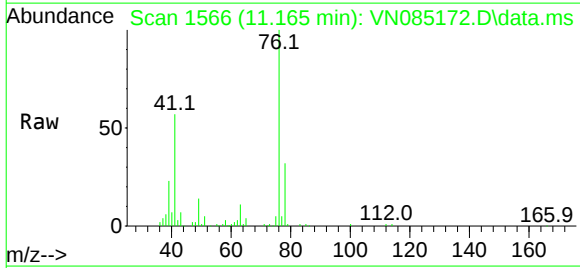
Tgt Ion:	69	Resp:	142969
Ion	Ratio	Lower	Upper
69	100		
41	63.2	50.0	75.0
39	35.4	27.0	40.6





#57
1,3-Dichloropropane
Concen: 50.747 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

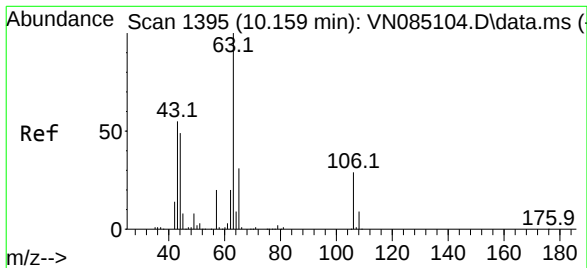
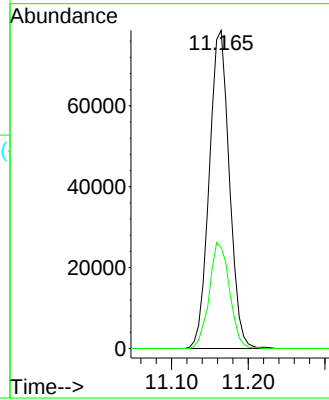
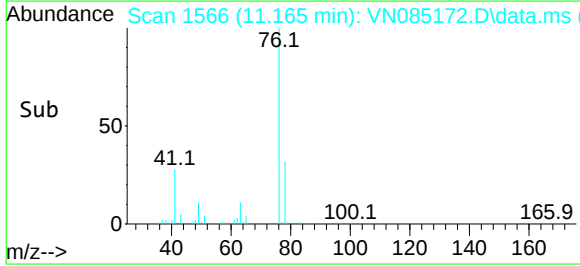
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 143204
Ion Ratio Lower Upper
76 100
78 33.5 26.1 39.1

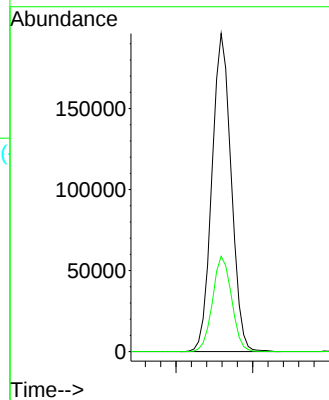
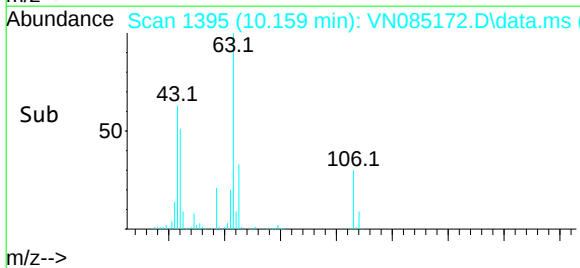
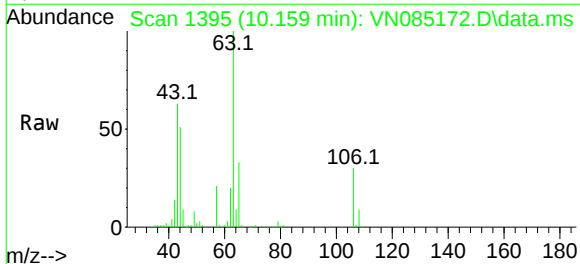
Manual Integrations
APPROVED

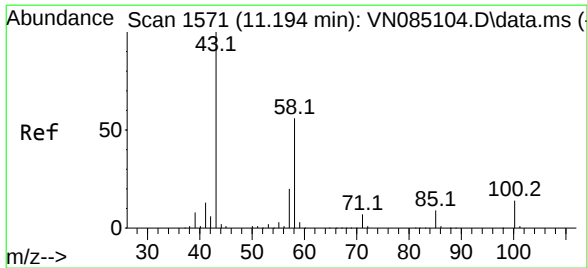
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#58
2-Chloroethyl Vinyl ether
Concen: 297.739 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion: 63 Resp: 342181
Ion Ratio Lower Upper
63 100
106 29.6 23.0 34.6





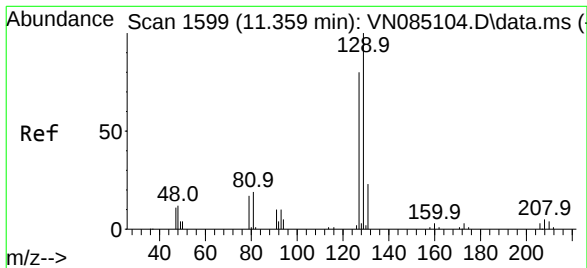
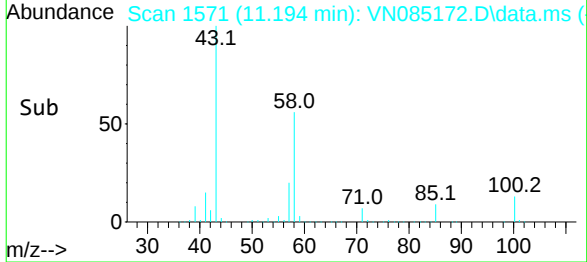
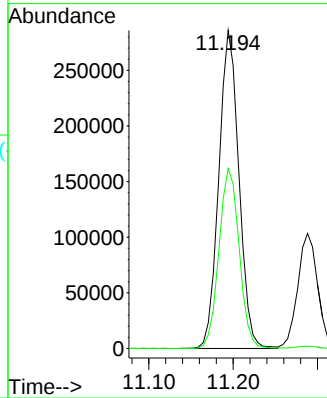
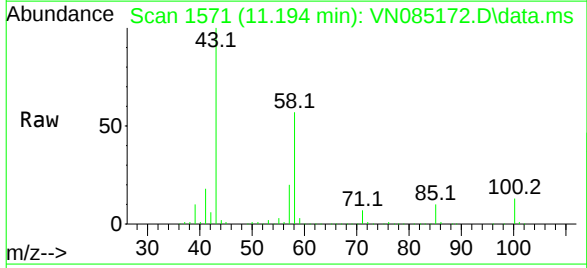
#59
2-Hexanone
Concen: 319.078 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 473207
Ion Ratio Lower Upper
43 100
58 56.9 28.3 85.0

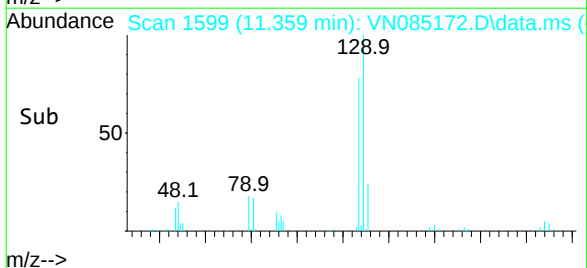
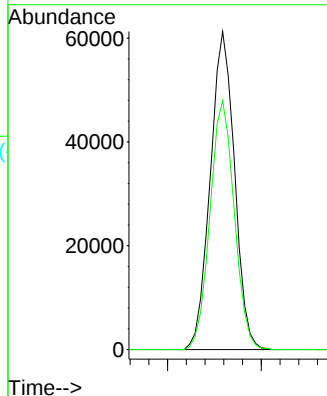
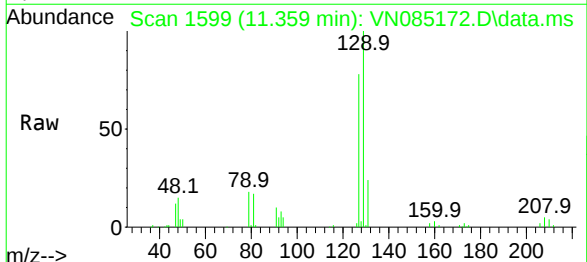
Manual Integrations
APPROVED

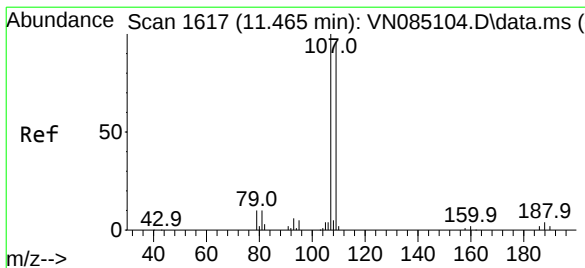
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#60
Dibromochloromethane
Concen: 56.265 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion:129 Resp: 110253
Ion Ratio Lower Upper
129 100
127 78.3 39.2 117.6





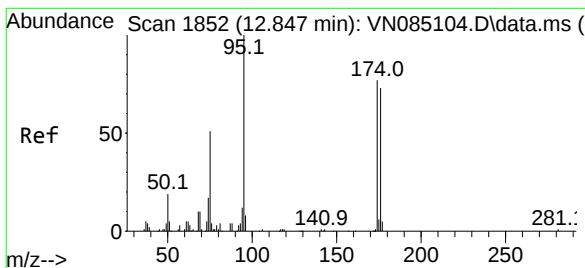
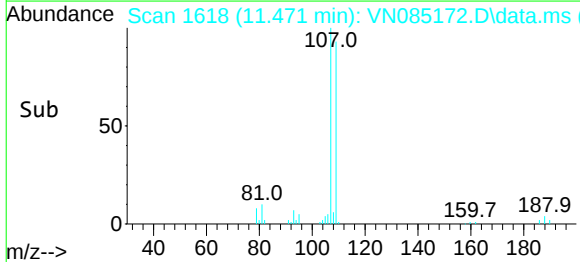
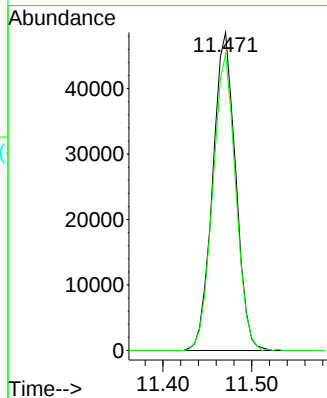
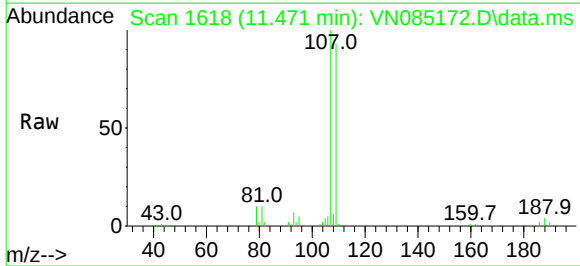
#61
1,2-Dibromoethane
Concen: 52.507 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 87127
Ion Ratio Lower Upper
107 100
109 93.3 76.1 114.1

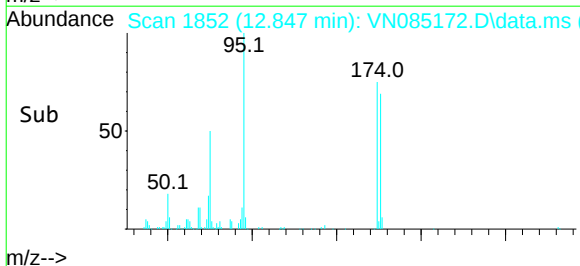
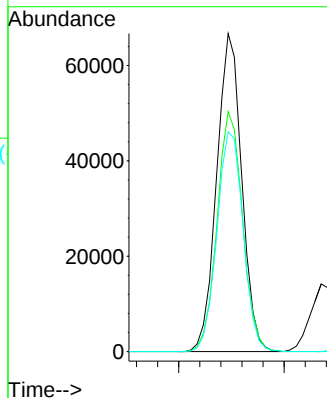
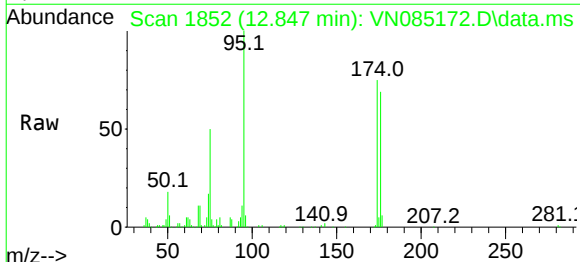
Manual Integrations
APPROVED

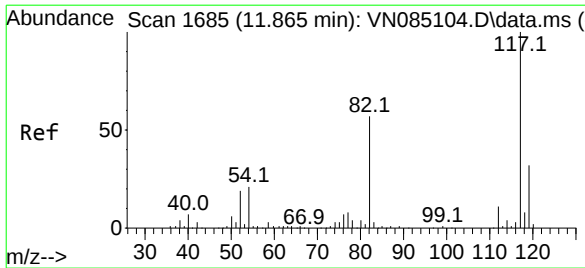
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#62
4-Bromofluorobenzene
Concen: 48.391 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion: 95 Resp: 110078
Ion Ratio Lower Upper
95 100
174 76.8 0.0 146.6
176 72.2 0.0 141.8





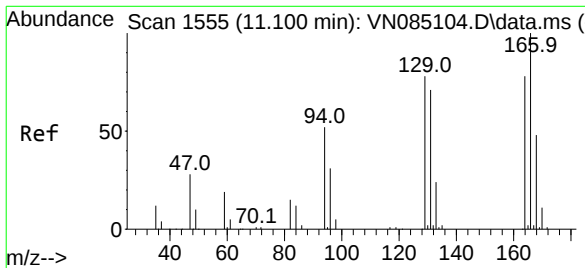
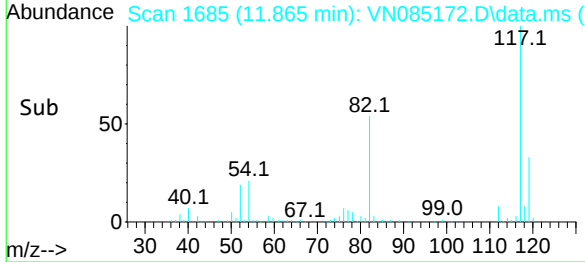
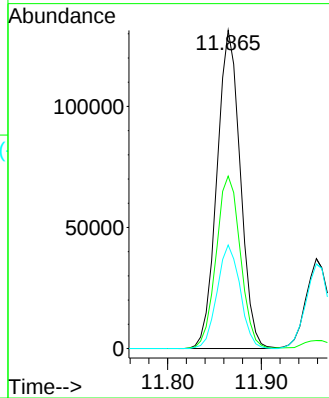
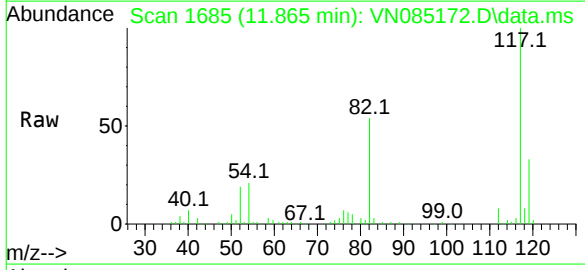
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 227687
Ion Ratio Lower Upper
117 100
82 54.2 46.0 69.0
119 32.5 25.6 38.4

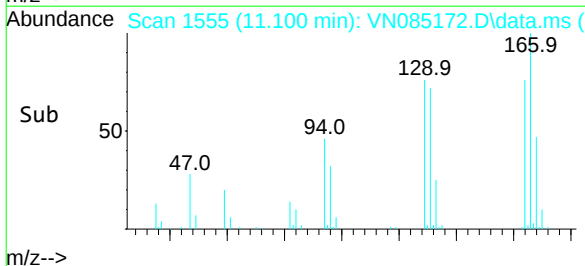
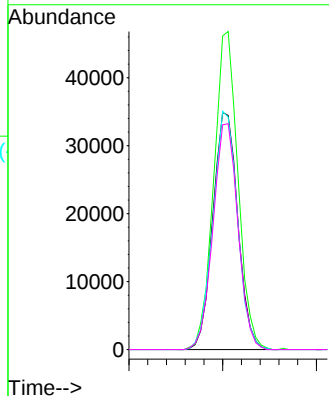
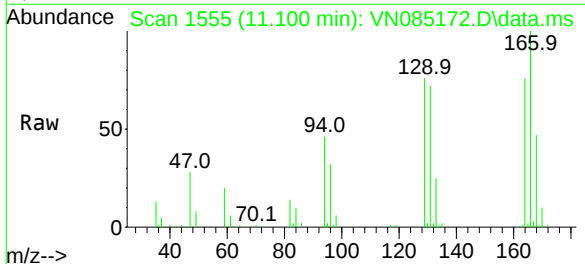
Manual Integrations
APPROVED

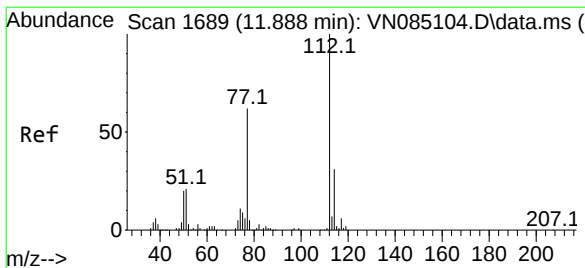
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#64
Tetrachloroethene
Concen: 42.107 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

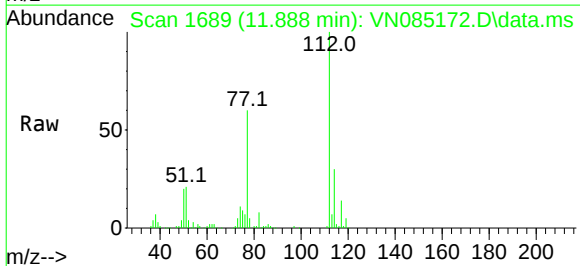
Tgt Ion:164 Resp: 64602
Ion Ratio Lower Upper
164 100
166 132.3 100.6 151.0
129 100.5 77.7 116.5
131 94.8 77.2 115.8





#65
Chlorobenzene
Concen: 46.005 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

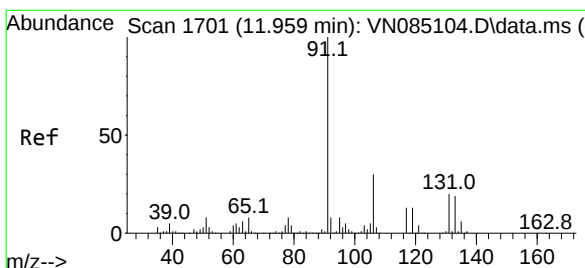
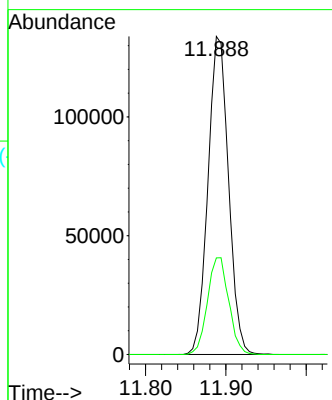
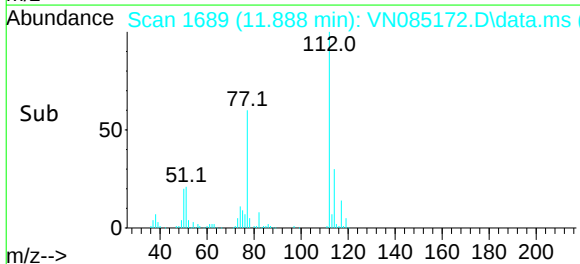
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



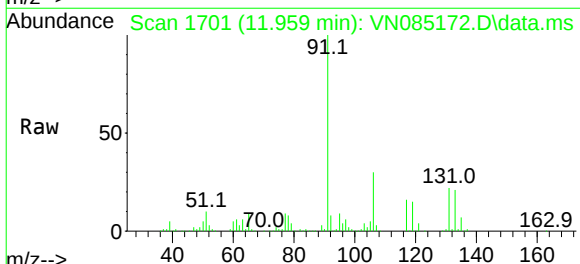
Tgt Ion:112 Resp: 237555
Ion Ratio Lower Upper
112 100
114 30.4 25.8 38.6

Manual Integrations
APPROVED

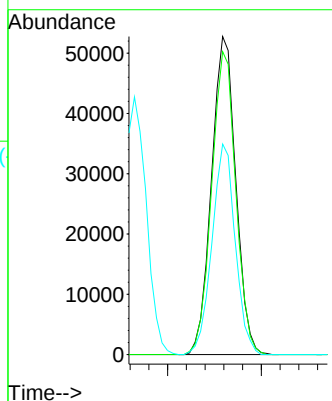
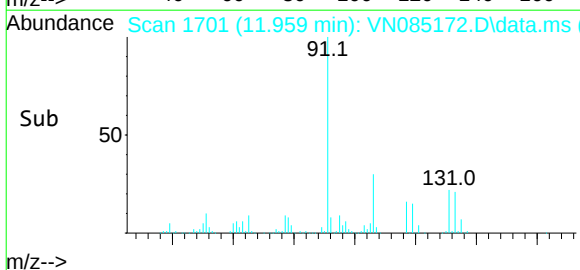
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

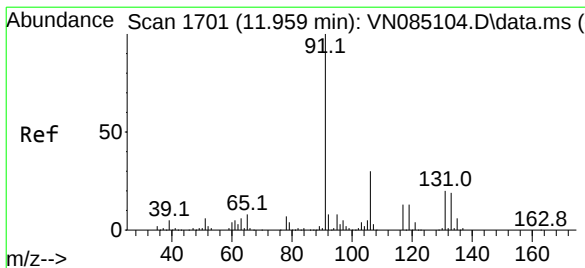


#66
1,1,1,2-Tetrachloroethane
Concen: 52.156 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41



Tgt Ion:131 Resp: 94822
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.4
119 63.4 32.1 96.3





#67

Ethyl Benzene

Concen: 49.240 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN085172.D

Acq: 10 Dec 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 412501

Ion Ratio Lower Upper

91 100

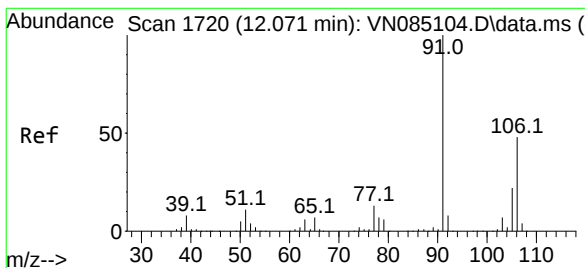
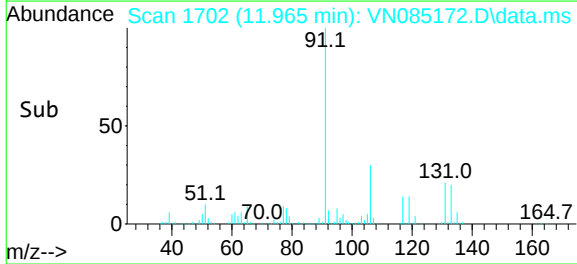
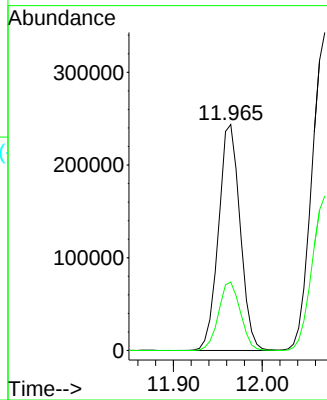
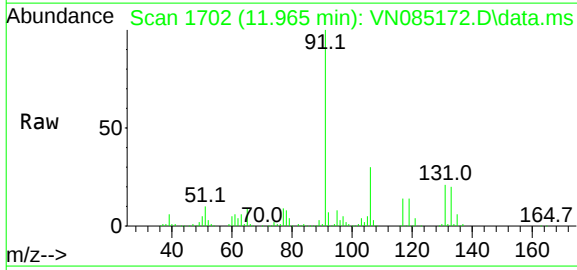
106 30.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#68

m/p-Xylenes

Concen: 99.097 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN085172.D

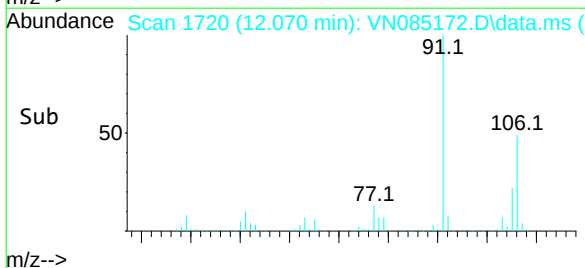
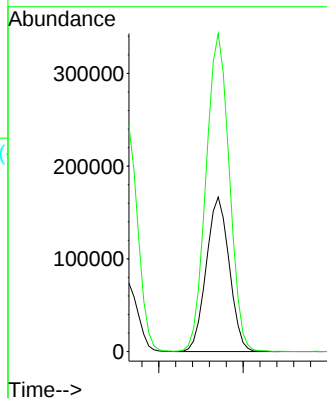
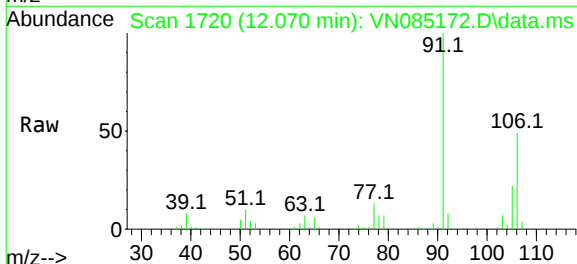
Acq: 10 Dec 2024 17:41

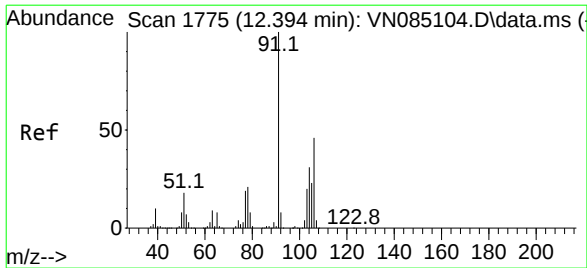
Tgt Ion:106 Resp: 316063

Ion Ratio Lower Upper

106 100

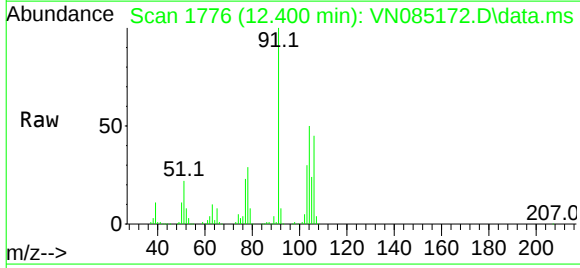
91 208.3 168.0 252.0





#69
o-Xylene
Concen: 51.425 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

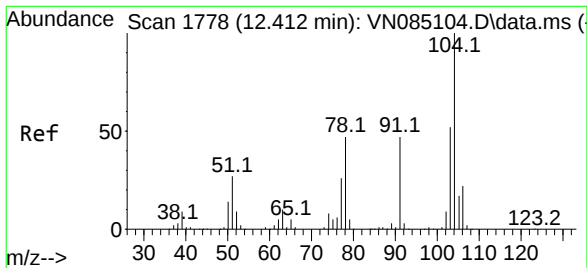
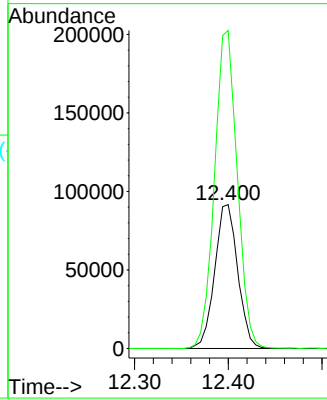
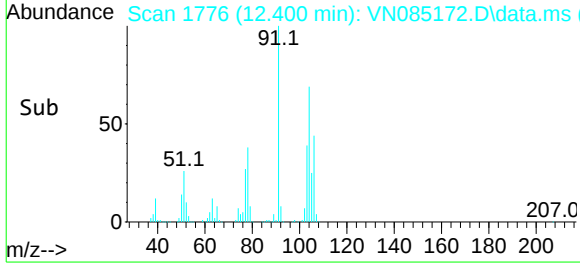
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



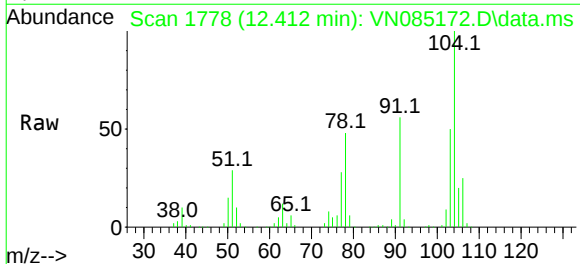
Tgt Ion:106 Resp: 156020
Ion Ratio Lower Upper
106 100
91 218.9 110.7 331.9

Manual Integrations
APPROVED

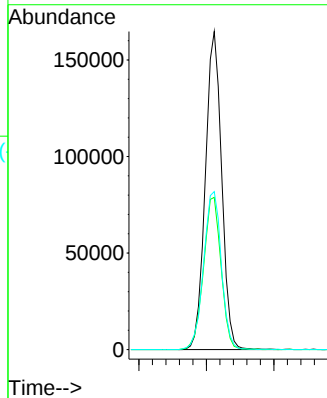
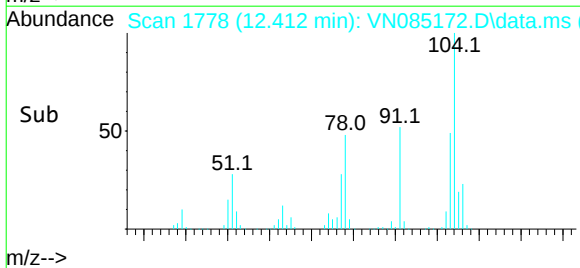
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

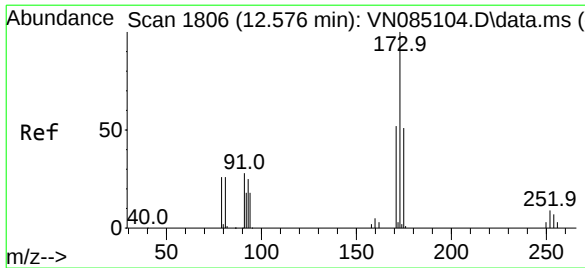


#70
Styrene
Concen: 54.865 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41



Tgt Ion:104 Resp: 276812
Ion Ratio Lower Upper
104 100
78 51.4 42.3 63.5
103 54.0 44.2 66.2





#71

Bromoform

Concen: 58.034 ug/l

RT: 12.576 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085172.D

Acq: 10 Dec 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

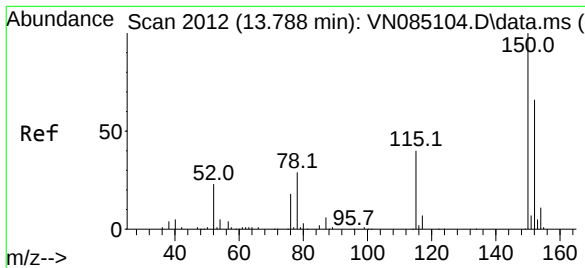
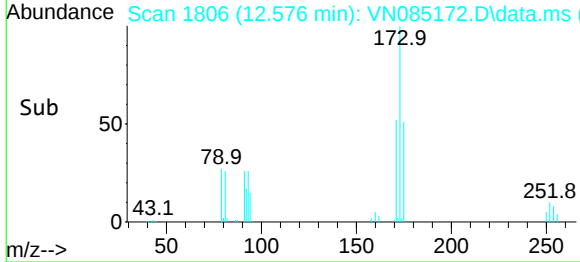
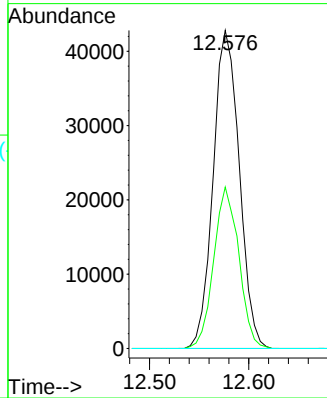
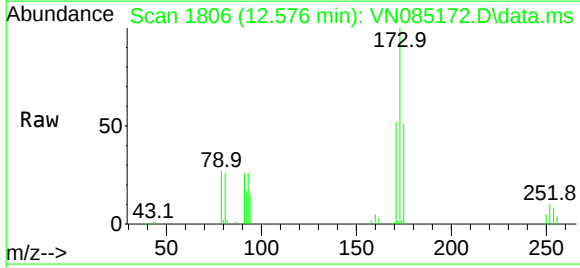
Tgt Ion:	173	Resp:	78319
Ion Ratio	Lower	Upper	
173	100		
175	48.7	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

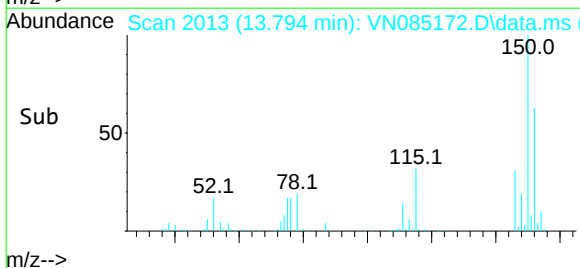
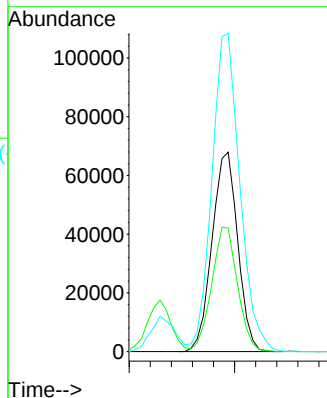
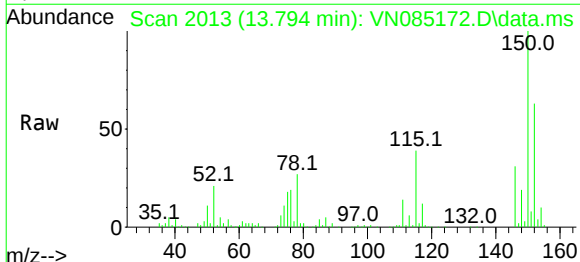
RT: 13.794 min Scan# 2013

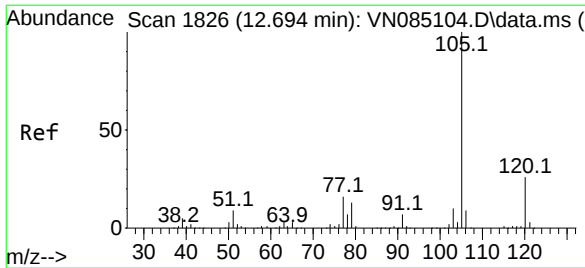
Delta R.T. 0.006 min

Lab File: VN085172.D

Acq: 10 Dec 2024 17:41

Tgt Ion:	152	Resp:	114862
Ion Ratio	Lower	Upper	
152	100		
115	62.7	31.7	95.1
150	173.9	0.0	351.4





#73

Isopropylbenzene

Concen: 49.762 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085172.D

Acq: 10 Dec 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 403225

Ion Ratio Lower Upper

105 100

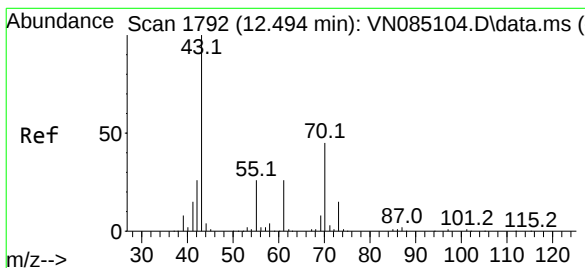
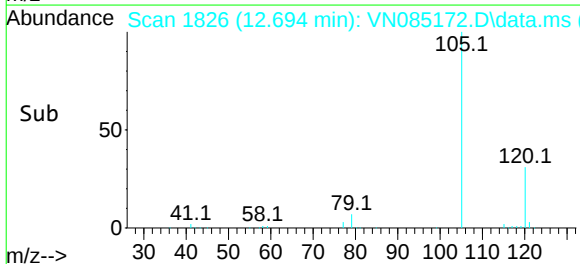
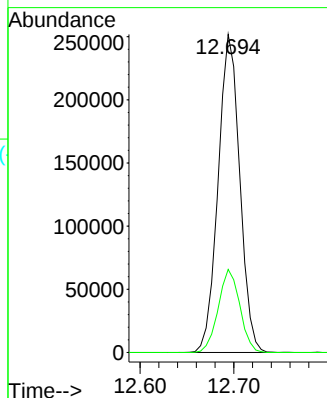
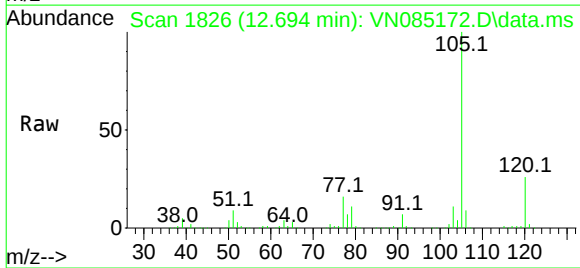
120 26.0 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#74

N-ethyl acetate

Concen: 55.783 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085172.D

Acq: 10 Dec 2024 17:41

Tgt Ion: 43 Resp: 186263

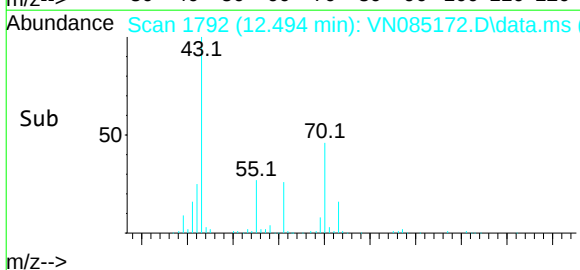
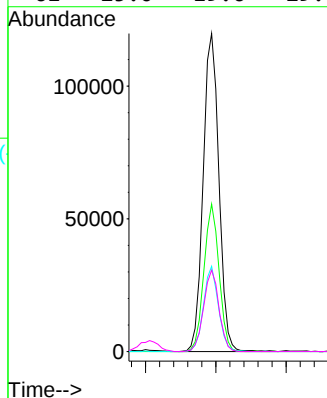
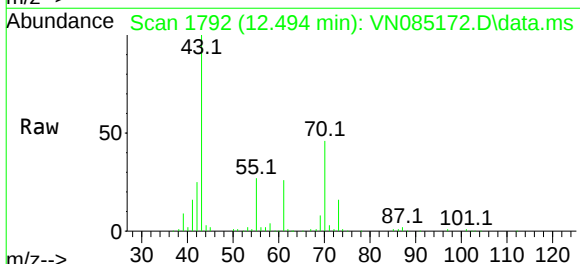
Ion Ratio Lower Upper

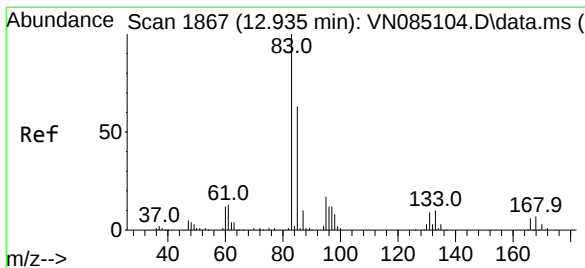
43 100

70 44.5 34.6 51.8

55 25.4 20.5 30.7

61 25.0 19.6 29.4





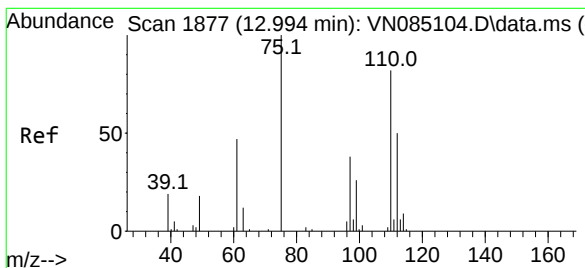
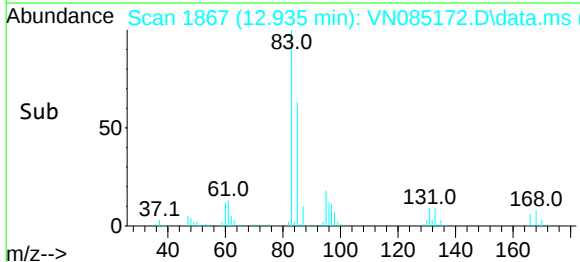
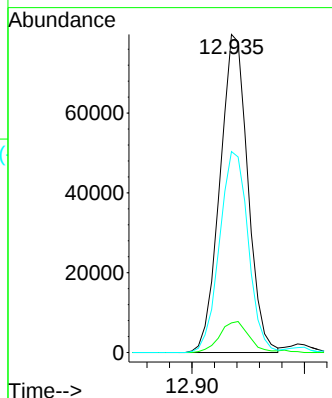
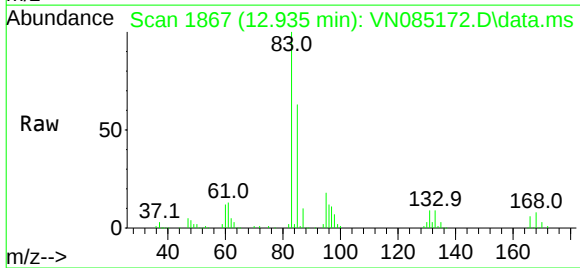
#75
1,1,2,2-Tetrachloroethane
Concen: 49.597 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.4
85	64.9	32.1	96.3

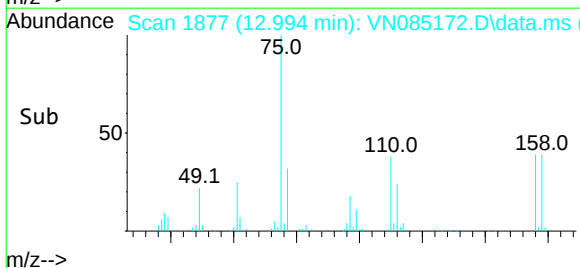
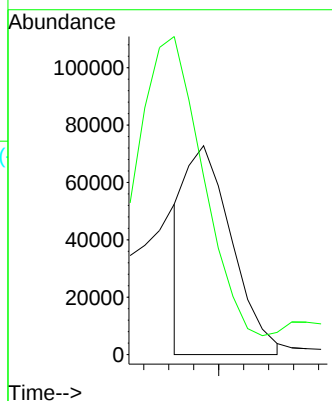
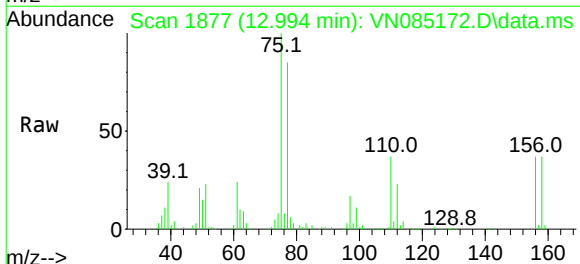
Manual Integrations
APPROVED

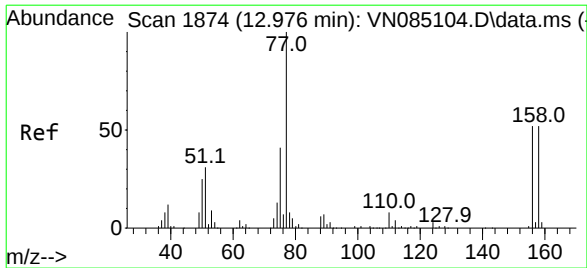
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#76
1,2,3-Trichloropropane
Concen: 45.281 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

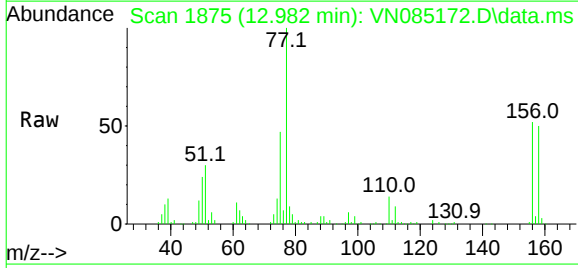
Tgt Ion	Ratio	Lower	Upper
75	100		
77	233.5	109.1	327.4





#77
Bromobenzene
Concen: 46.940 ug/l
RT: 12.982 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

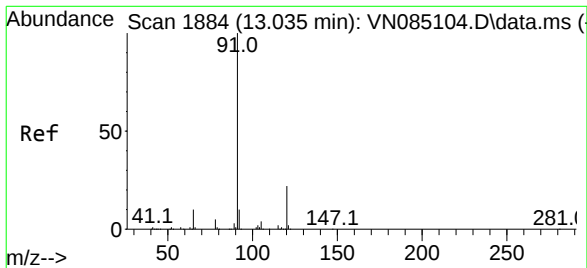
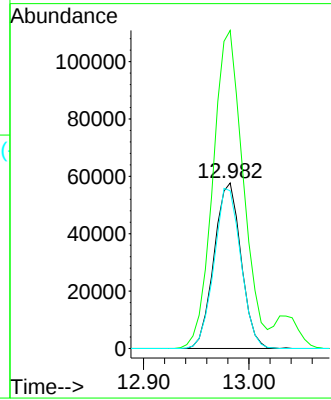
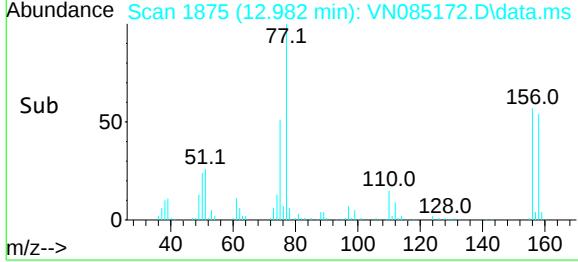
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 102357
Ion Ratio Lower Upper
156 100
77 215.9 107.2 321.6
158 96.2 48.5 145.6

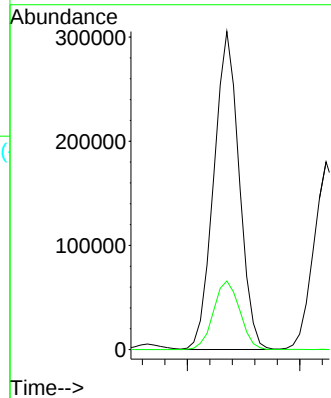
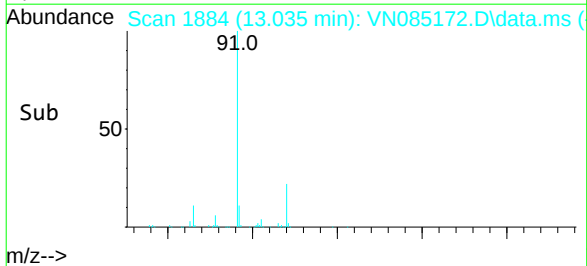
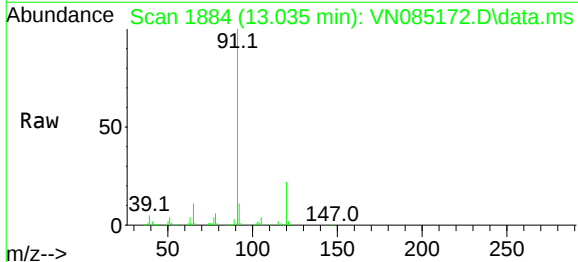
Manual Integrations
APPROVED

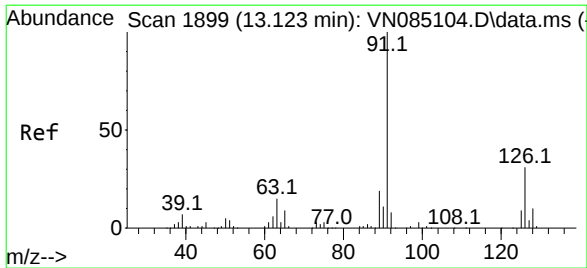
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#78
n-propylbenzene
Concen: 51.123 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion: 91 Resp: 477810
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.9





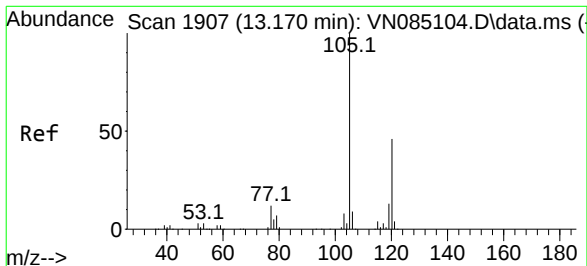
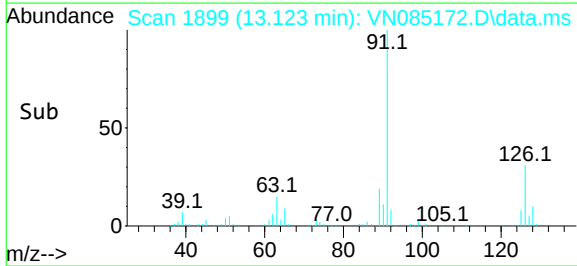
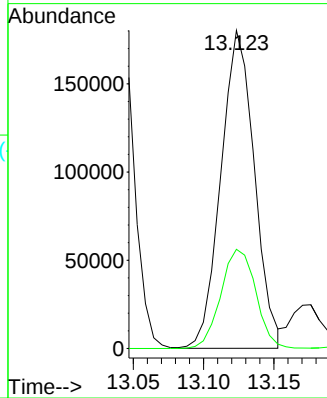
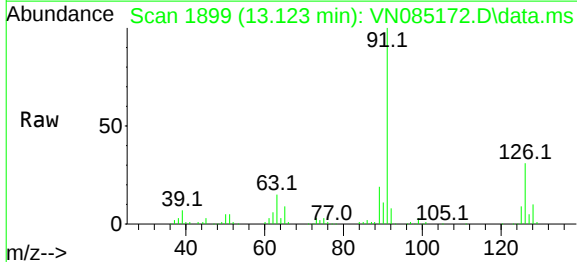
#79
2-Chlorotoluene
Concen: 47.811 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 298295
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.3

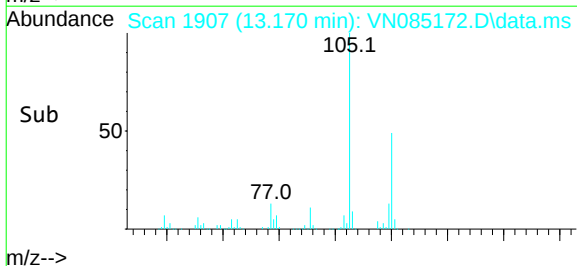
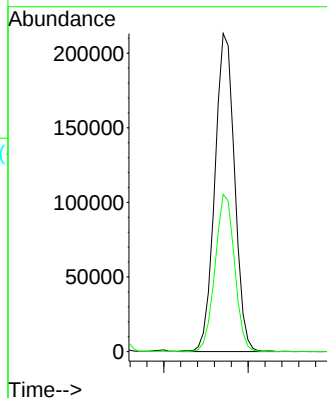
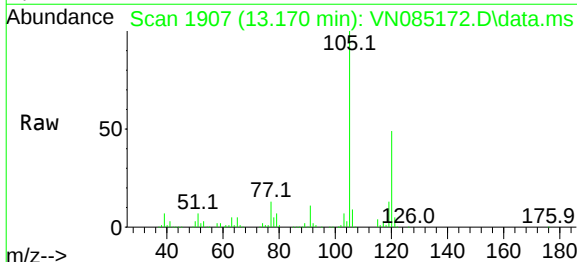
Manual Integrations
APPROVED

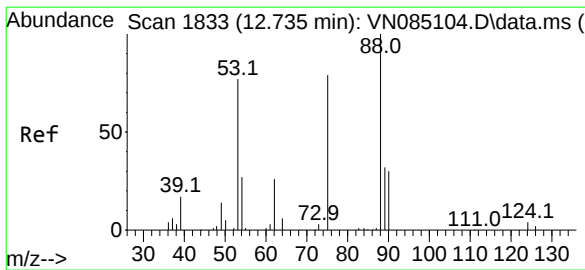
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.080 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

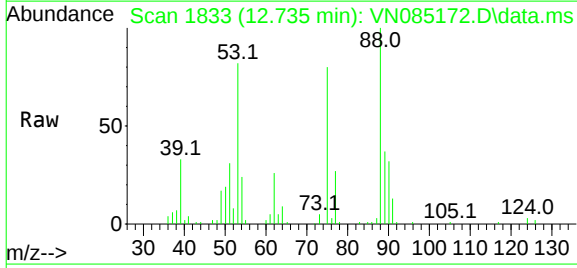
Tgt Ion:105 Resp: 347320
Ion Ratio Lower Upper
105 100
120 48.8 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 51.285 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

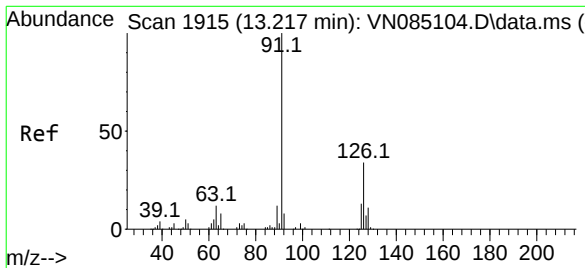
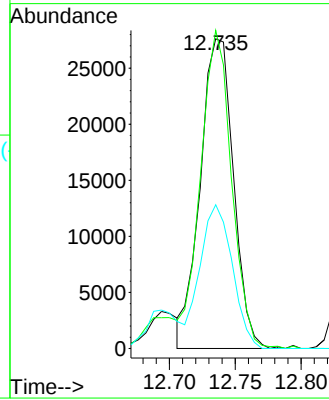
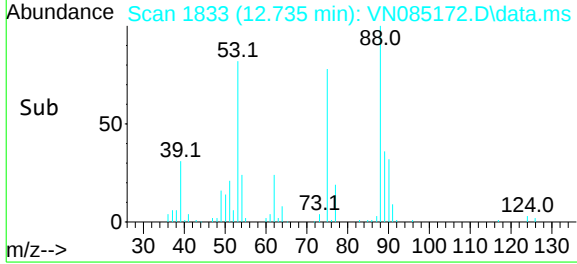
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 48536
Ion Ratio Lower Upper
75 100
53 106.2 78.2 117.4
89 44.7 37.9 56.9

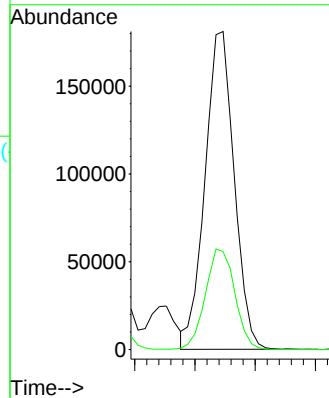
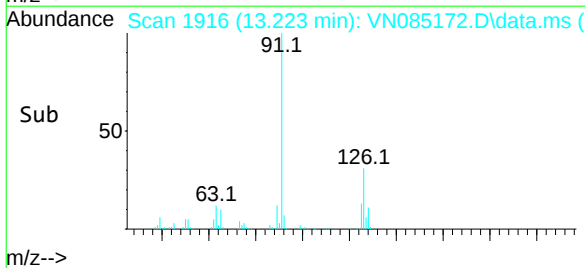
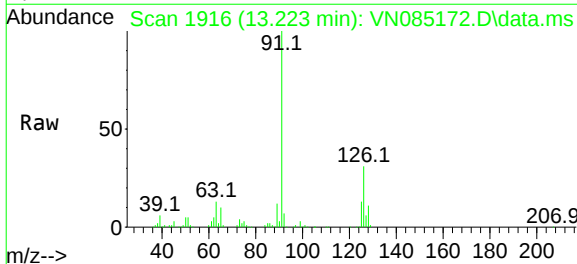
Manual Integrations
APPROVED

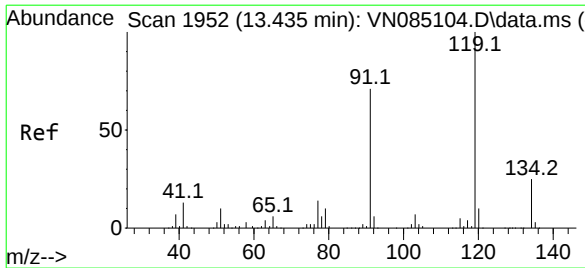
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#82
4-Chlorotoluene
Concen: 46.810 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion: 91 Resp: 304025
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.3





#83
tert-Butylbenzene
Concen: 52.285 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

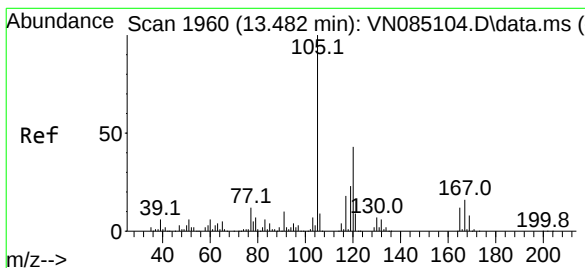
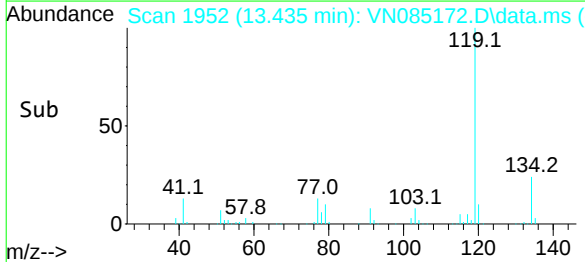
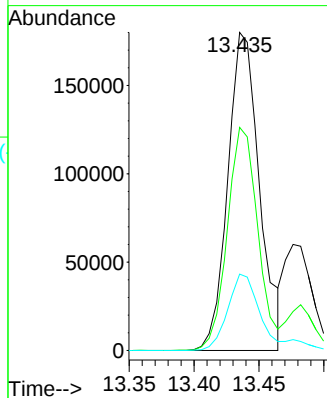
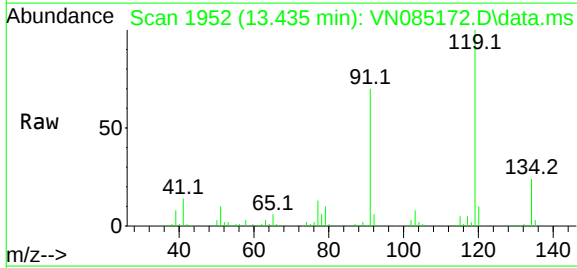
Tgt Ion:119 Resp: 305890
Ion Ratio Lower Upper
119 100
91 67.5 35.1 105.5
134 26.1 12.1 36.3

Manual Integrations

APPROVED

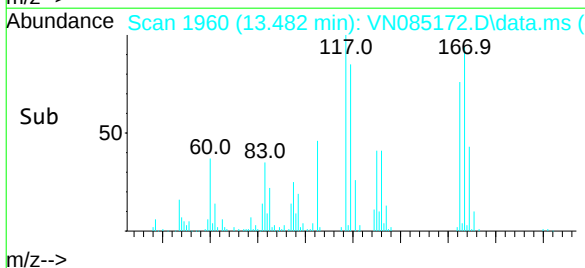
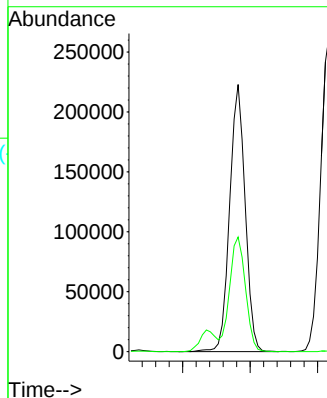
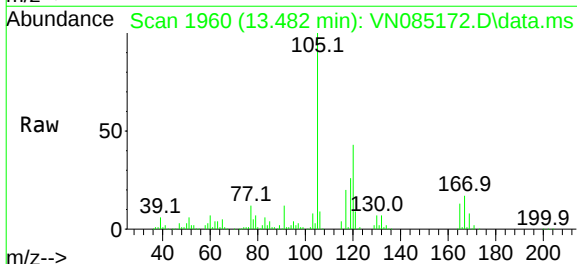
Reviewed By :John Carlone 12/11/2024

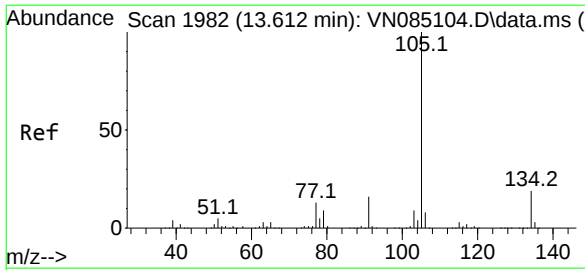
Supervised By :Mahesh Dadoda 12/11/2024



#84
1,2,4-Trimethylbenzene
Concen: 50.760 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion:105 Resp: 355279
Ion Ratio Lower Upper
105 100
120 44.2 21.8 65.4





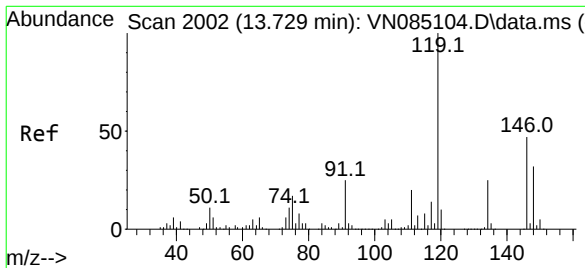
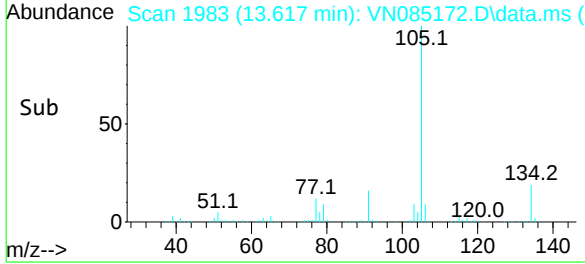
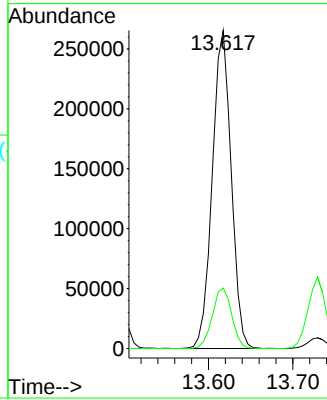
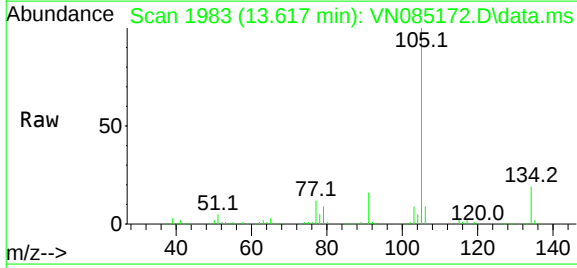
#85
sec-Butylbenzene
Concen: 52.246 ug/l
RT: 13.617 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 412903
Ion Ratio Lower Upper
105 100
134 19.4 9.8 29.3

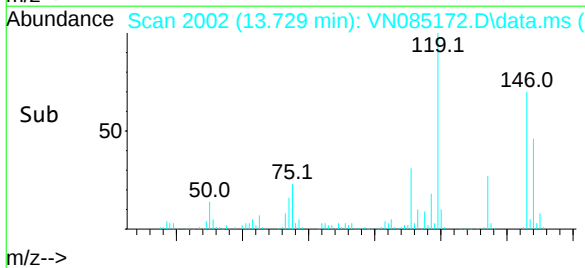
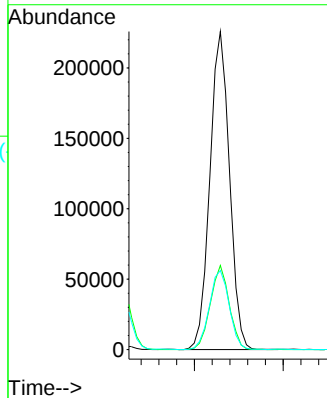
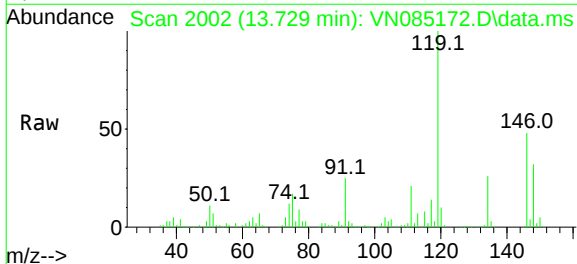
Manual Integrations
APPROVED

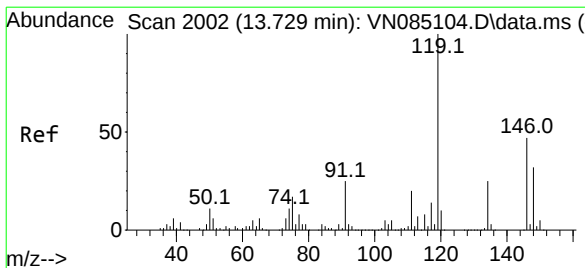
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#86
p-Isopropyltoluene
Concen: 53.050 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion:119 Resp: 346099
Ion Ratio Lower Upper
119 100
134 25.5 13.0 39.0
91 25.3 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 44.026 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085172.D

Acq: 10 Dec 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

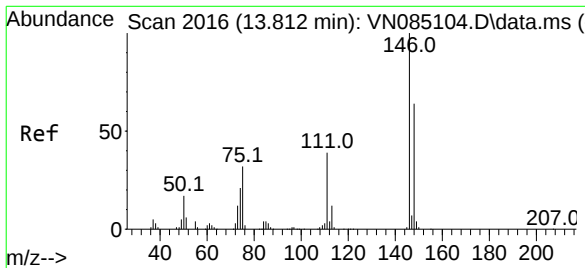
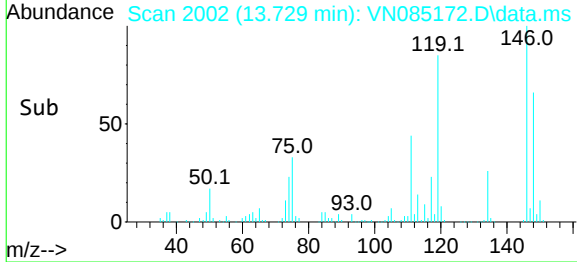
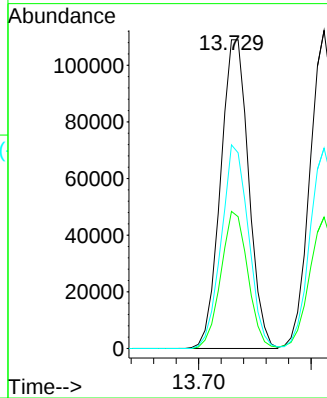
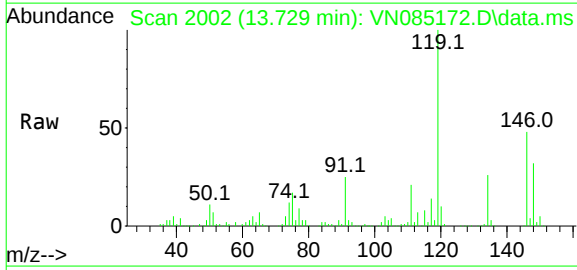
Tgt Ion:	146	Resp:	189358
Ion Ratio	Lower	Upper	
146	100		
111	42.4	21.6	65.0
148	63.9	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#88

1,4-Dichlorobenzene

Concen: 42.610 ug/l

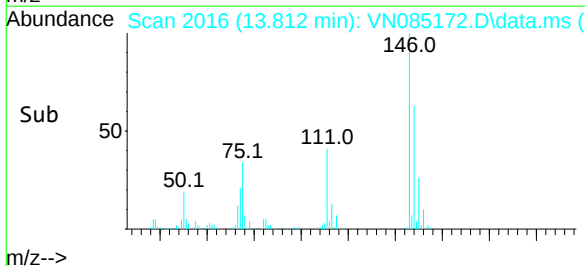
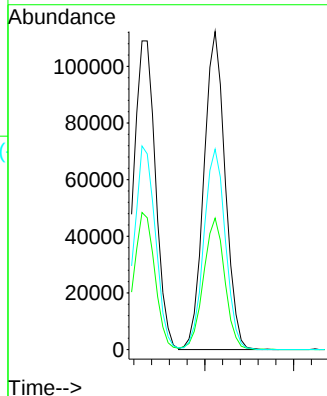
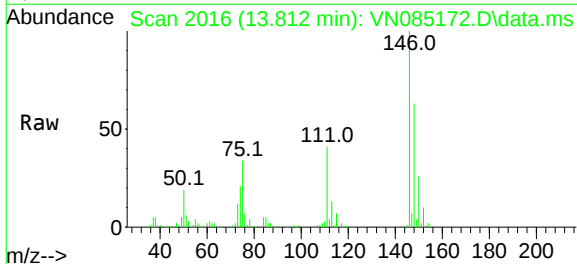
RT: 13.812 min Scan# 2016

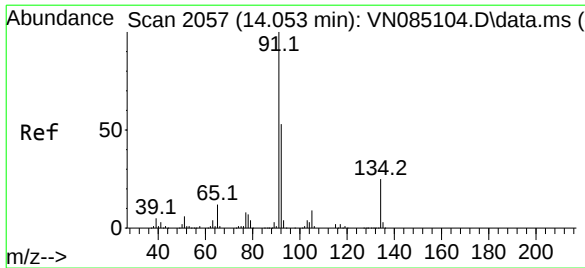
Delta R.T. -0.000 min

Lab File: VN085172.D

Acq: 10 Dec 2024 17:41

Tgt Ion:	146	Resp:	187023
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.9	62.8
148	63.8	31.3	93.9





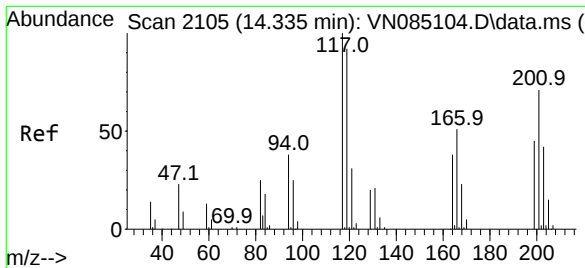
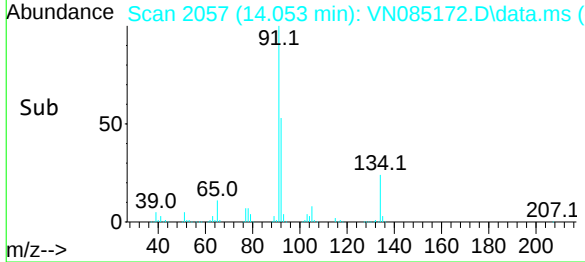
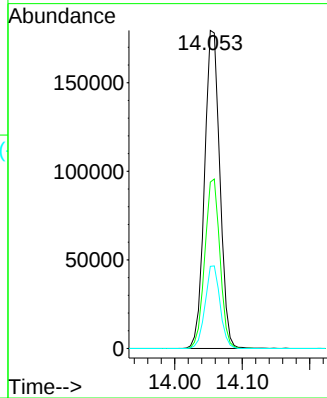
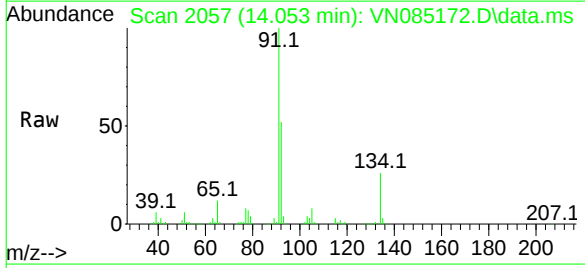
#89
n-Butylbenzene
Concen: 46.527 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	91	Resp:	282283
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.3
134	25.3	12.8	38.4

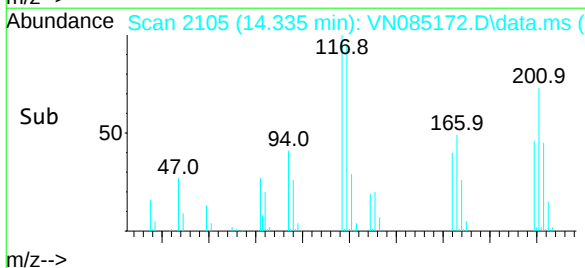
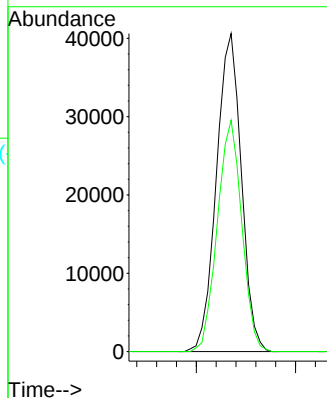
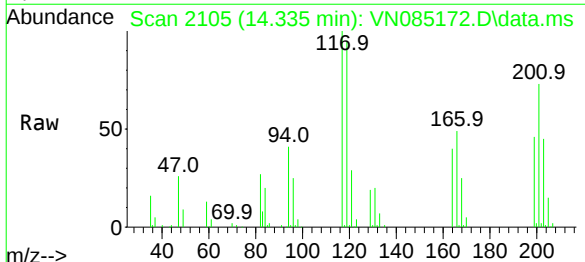
Manual Integrations
APPROVED

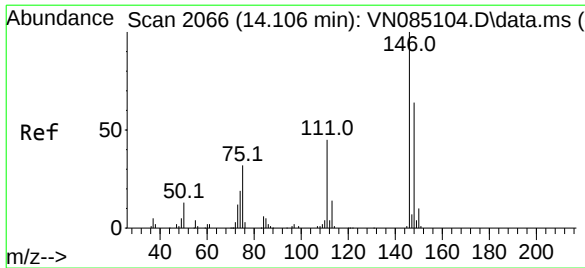
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#90
Hexachloroethane
Concen: 49.901 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion:	117	Resp:	70963
Ion	Ratio	Lower	Upper
117	100		
201	71.2	35.2	105.6





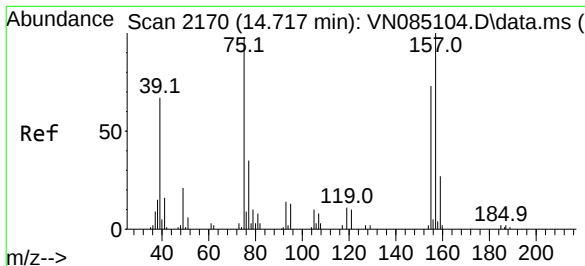
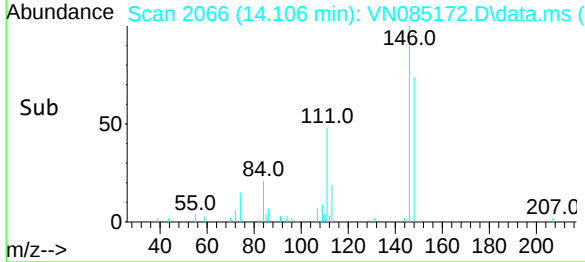
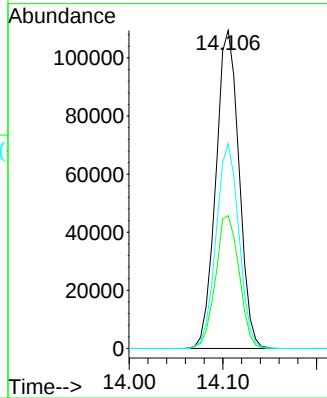
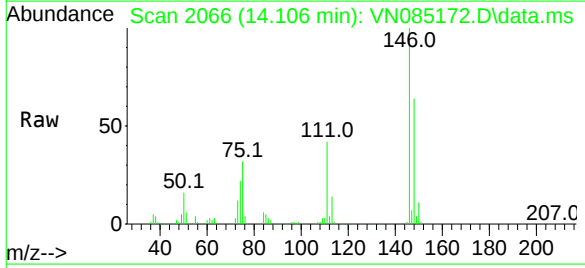
#91
1,2-Dichlorobenzene
Concen: 45.590 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	146	Resp:	187898
Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.9	65.8
148	63.6	31.1	93.2

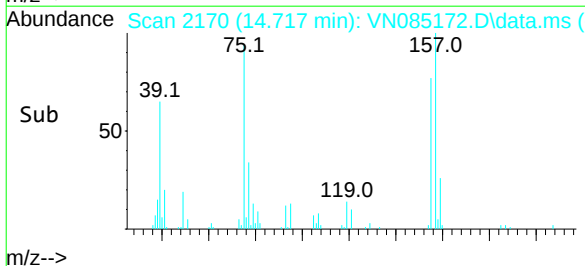
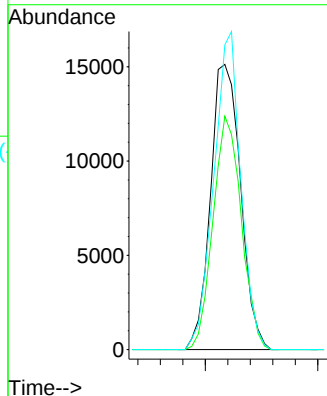
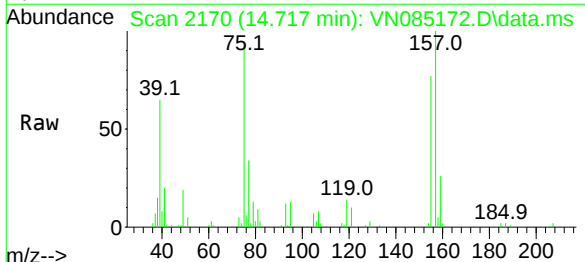
Manual Integrations
APPROVED

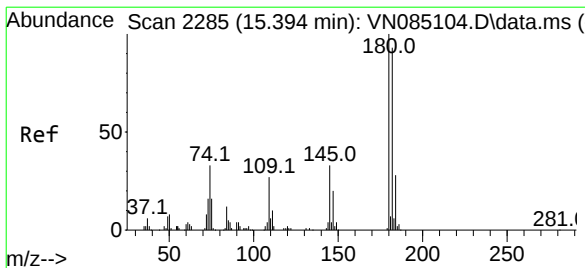
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.575 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085172.D
Acq: 10 Dec 2024 17:41

Tgt Ion:	75	Resp:	28131
Ion	Ratio	Lower	Upper
75	100		
155	76.8	38.9	116.7
157	100.0	48.3	144.9





#93

1,2,4-Trichlorobenzene

Concen: 40.969 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN085172.D

Acq: 10 Dec 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

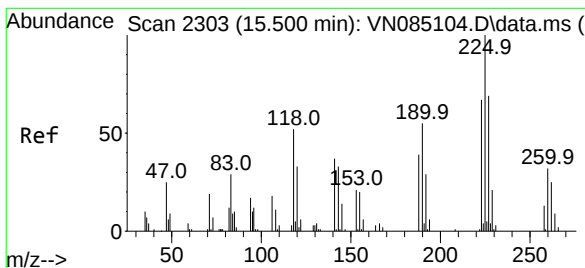
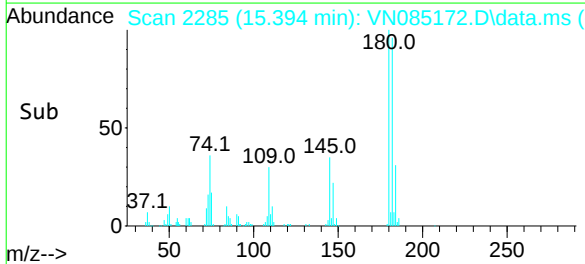
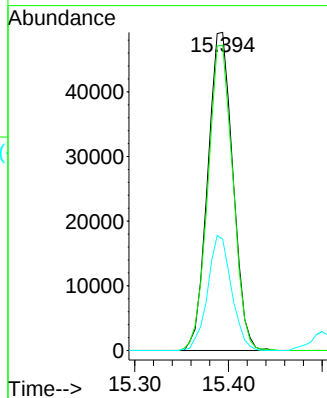
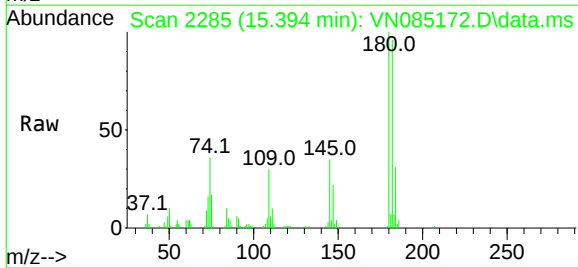
Tgt Ion:	180	Resp:	91733
Ion Ratio	Lower	Upper	
180	100		
182	95.3	46.9	140.8
145	34.3	16.3	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#94

Hexachlorobutadiene

Concen: 40.920 ug/l

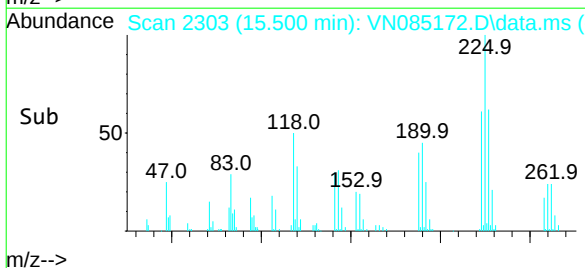
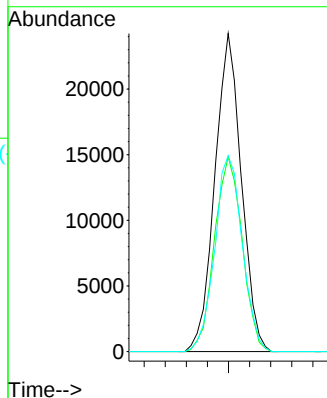
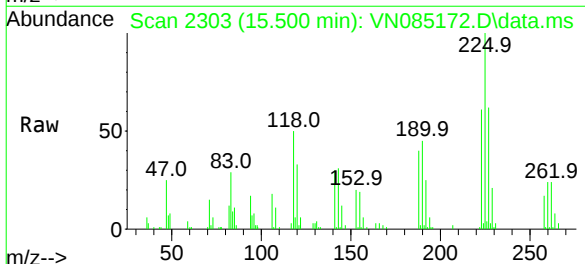
RT: 15.500 min Scan# 2303

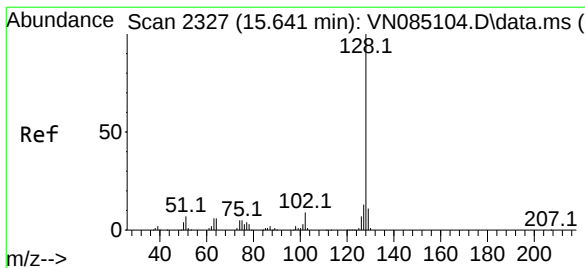
Delta R.T. -0.000 min

Lab File: VN085172.D

Acq: 10 Dec 2024 17:41

Tgt Ion:	225	Resp:	42285
Ion Ratio	Lower	Upper	
225	100		
223	63.9	30.9	92.8
227	64.2	31.5	94.5





#95

Naphthalene

Concen: 49.495 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085172.D

Acq: 10 Dec 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

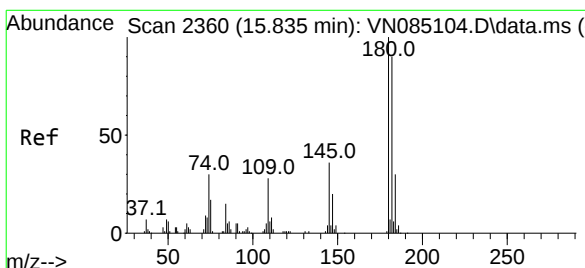
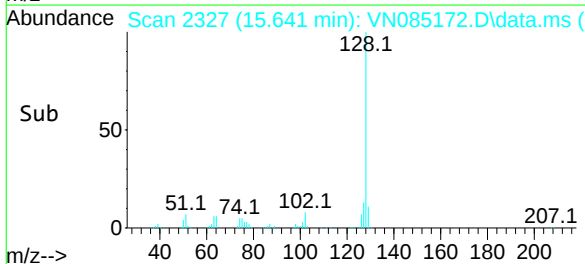
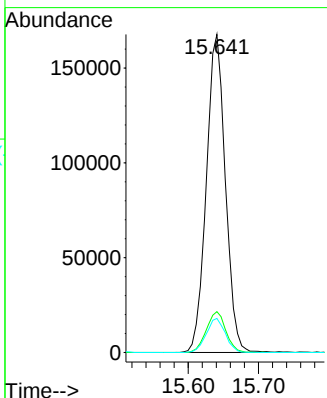
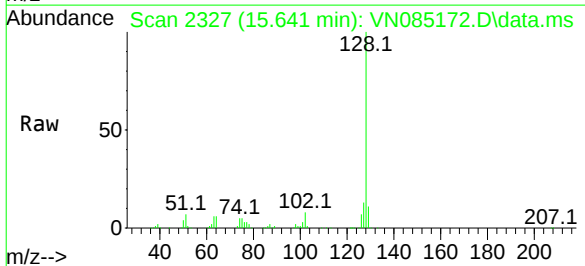
Tgt Ion:	128	Resp:	315637
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#96

1,2,3-Trichlorobenzene

Concen: 43.913 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085172.D

Acq: 10 Dec 2024 17:41

Tgt Ion:	180	Resp:	93818
Ion Ratio	Lower	Upper	
180	100		
182	93.8	46.4	139.2
145	34.4	17.3	52.0

