

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
 Data File : VN085142.D
 Acq On : 09 Dec 2024 10:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 10 04:56:19 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/10/2024
 Supervised By : Mahesh Dadoda 12/10/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114719	47.569	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.140%
35) Dibromofluoromethane	8.165	113	92766	51.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.760%
50) Toluene-d8	10.565	98	326526	50.960	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.847	95	123192	51.412	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	74077	38.695	ug/l	98
3) Chloromethane	2.359	50	80185	36.113	ug/l	97
4) Vinyl Chloride	2.512	62	83740	41.966	ug/l	97
5) Bromomethane	2.942	94	53457	47.797	ug/l	91
6) Chloroethane	3.118	64	59690	44.380	ug/l	100
7) Trichlorofluoromethane	3.495	101	155891	45.926	ug/l	99
8) Diethyl Ether	3.959	74	54603	47.263	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	91050	47.294	ug/l	97
10) Methyl Iodide	4.583	142	89363	35.067	ug/l	97
11) Tert butyl alcohol	5.518	59	76683	237.948	ug/l	96
12) 1,1-Dichloroethene	4.342	96	82362	45.833	ug/l	99
13) Acrolein	4.177	56	64513	300.005	ug/l	97
14) Allyl chloride	5.018	41	117645	38.835	ug/l	92
15) Acrylonitrile	5.712	53	221719	243.009	ug/l	100
16) Acetone	4.424	43	203220	289.341	ug/l	96
17) Carbon Disulfide	4.706	76	226138	42.635	ug/l	98
18) Methyl Acetate	5.018	43	108094	48.108	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	282616	48.135	ug/l	100
20) Methylene Chloride	5.271	84	95322	44.476	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	87778	46.418	ug/l	96
22) Diisopropyl ether	6.665	45	281466	46.165	ug/l	98
23) Vinyl Acetate	6.600	43	1037308	246.613	ug/l	100
24) 1,1-Dichloroethane	6.565	63	169467	46.447	ug/l	98
25) 2-Butanone	7.477	43	297377	258.973	ug/l	97
26) 2,2-Dichloropropane	7.489	77	159044	46.682	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	105165	46.131	ug/l	99
28) Bromochloromethane	7.812	49	63733	46.274	ug/l	95
29) Tetrahydrofuran	7.836	42	184053	257.747	ug/l	98
30) Chloroform	7.965	83	183970	47.401	ug/l	100
31) Cyclohexane	8.253	56	140953	43.877	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	165151	47.089	ug/l	98
36) 1,1-Dichloropropene	8.365	75	123613	51.043	ug/l	99
37) Ethyl Acetate	7.559	43	116196	52.778	ug/l	98
38) Carbon Tetrachloride	8.359	117	148269	53.041	ug/l	96
39) Methylcyclohexane	9.600	83	131927	52.424	ug/l	97
40) Benzene	8.606	78	386295	50.434	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	62238	51.058	ug/l	96
42) 1,2-Dichloroethane	8.671	62	132099	50.412	ug/l	99
43) Isopropyl Acetate	8.688	43	196670	43.006	ug/l	97
44) Trichloroethene	9.347	130	91956	51.660	ug/l	94
45) 1,2-Dichloropropane	9.618	63	92953	49.272	ug/l	93
46) Dibromomethane	9.706	93	67996	51.870	ug/l	98
47) Bromodichloromethane	9.888	83	145741	52.456	ug/l	97
48) Methyl methacrylate	9.677	41	91470	53.750	ug/l	98
49) 1,4-Dioxane	9.694	88	37193	1260.284	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	608624	291.377	ug/l	99
52) Toluene	10.630	92	245225	54.081	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	143697	51.589	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	153615	51.984	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	91610	54.241	ug/l	98
56) Ethyl methacrylate	10.871	69	145017	58.759	ug/l	98
57) 1,3-Dichloropropane	11.165	76	154792	52.074	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	312633	258.243	ug/l	100
59) 2-Hexanone	11.194	43	467460	299.229	ug/l	100
60) Dibromochloromethane	11.359	129	114019	55.238	ug/l	99
61) 1,2-Dibromoethane	11.465	107	93195	53.317	ug/l	97
64) Tetrachloroethene	11.100	164	83557	52.620	ug/l	97
65) Chlorobenzene	11.888	112	264819	49.550	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	96896	51.493	ug/l	99
67) Ethyl Benzene	11.959	91	466309	53.779	ug/l	99
68) m/p-Xylenes	12.071	106	362598	109.841	ug/l	100
69) o-Xylene	12.394	106	169397	53.945	ug/l	100
70) Styrene	12.412	104	301784	57.790	ug/l	98
71) Bromoform	12.576	173	79256	56.742	ug/l #	100
73) Isopropylbenzene	12.694	105	441629	52.158	ug/l	100
74) N-amyl acetate	12.494	43	176132	50.480	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	134339	46.462	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	109621m	50.213	ug/l	
77) Bromobenzene	12.976	156	109596	48.098	ug/l	99
78) n-propylbenzene	13.035	91	528037	54.068	ug/l	99
79) 2-Chlorotoluene	13.123	91	319326	48.981	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	387163	54.491	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	49298m	49.850	ug/l	
82) 4-Chlorotoluene	13.218	91	331046	48.778	ug/l	99
83) tert-Butylbenzene	13.435	119	310870	50.852	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	387968	53.047	ug/l	100
85) sec-Butylbenzene	13.612	105	447037	54.132	ug/l	99
86) p-Isopropyltoluene	13.729	119	379947	55.734	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	202457	45.047	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	202736	44.203	ug/l	98
89) n-Butylbenzene	14.053	91	317319	50.053	ug/l	99
90) Hexachloroethane	14.329	117	74535	50.159	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	190711	44.283	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26256	46.961	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	98579	42.133	ug/l	99
94) Hexachlorobutadiene	15.500	225	46941	43.472	ug/l	98
95) Naphthalene	15.641	128	299742	44.981	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	97267	43.570	ug/l	99

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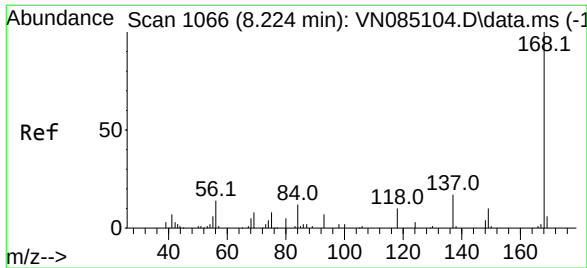
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

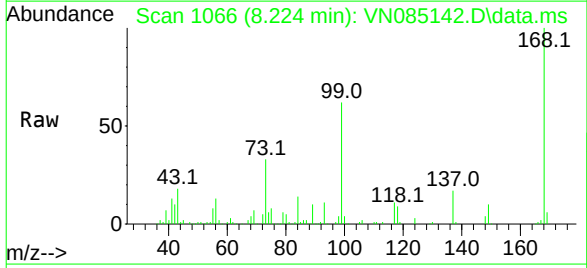
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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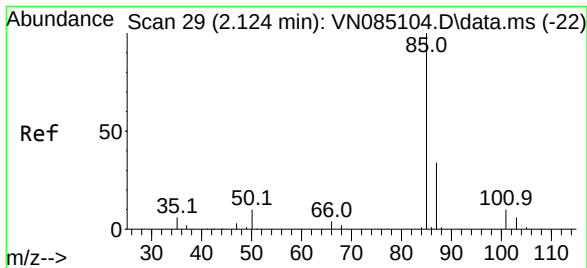
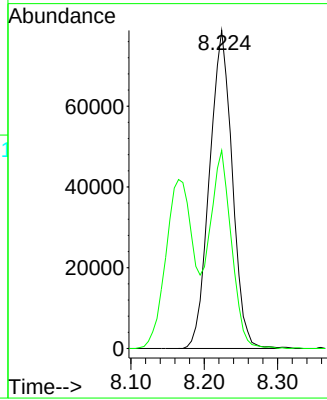
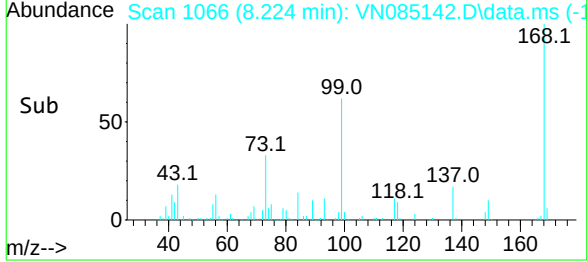
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 169304
Ion Ratio Lower Upper
168 100
99 62.3 51.2 76.8

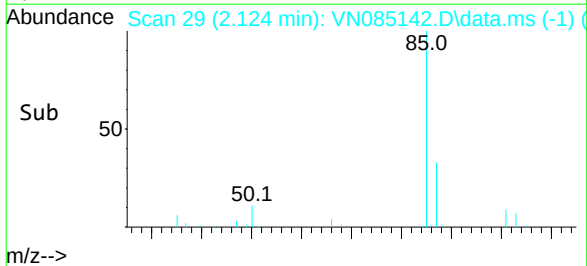
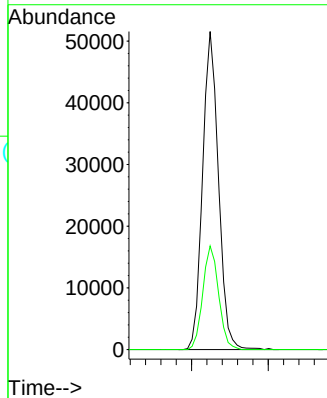
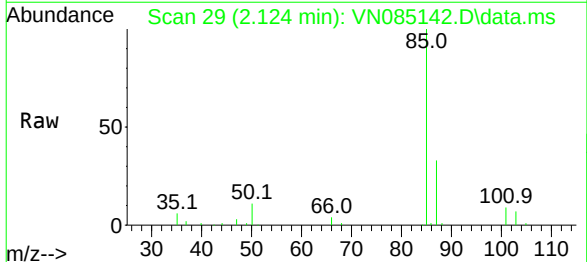
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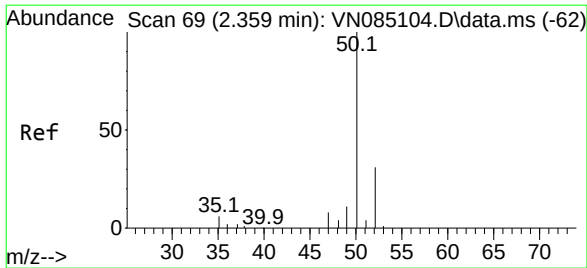
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#2
Dichlorodifluoromethane
Concen: 38.695 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

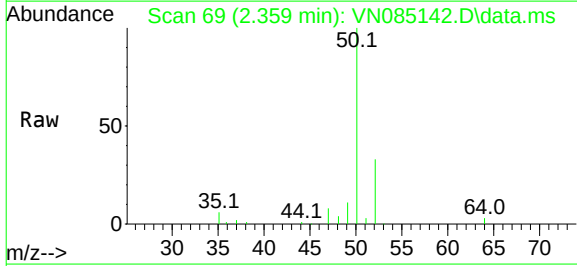
Tgt Ion: 85 Resp: 74077
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.1





#3
Chloromethane
Concen: 36.113 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

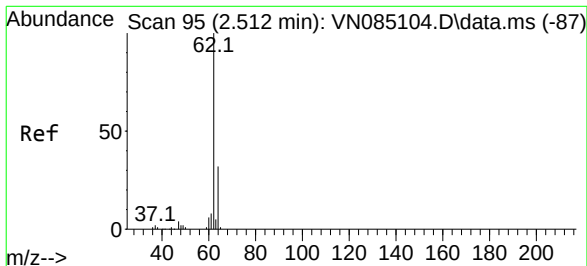
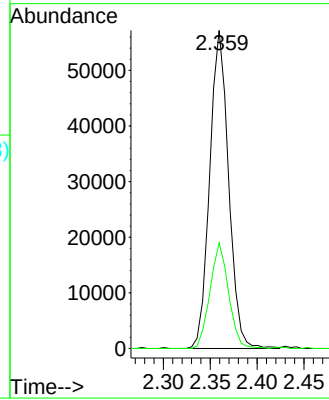
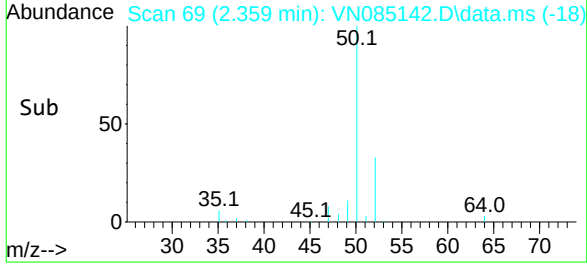
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 80185
Ion Ratio Lower Upper
50 100
52 33.2 27.8 41.8

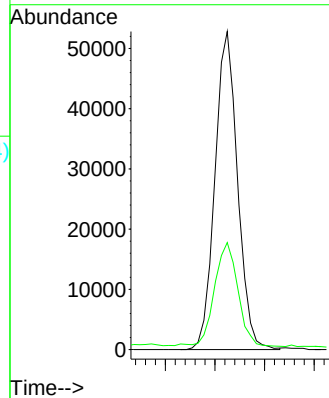
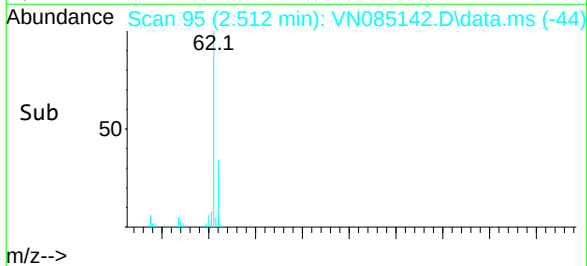
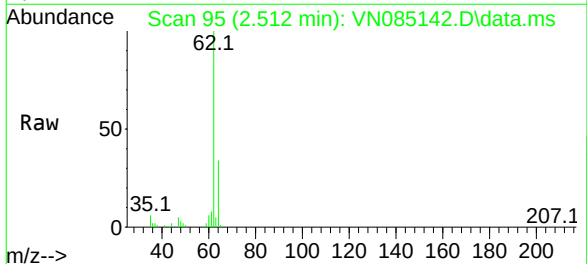
Manual Integrations
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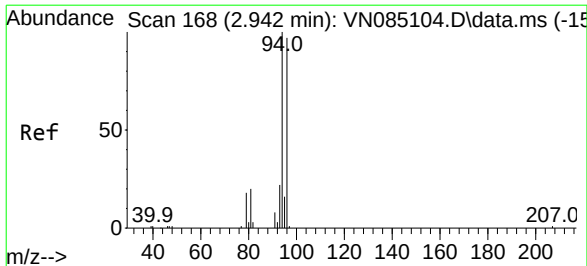
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#4
Vinyl Chloride
Concen: 41.966 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 62 Resp: 83740
Ion Ratio Lower Upper
62 100
64 32.6 24.6 36.8





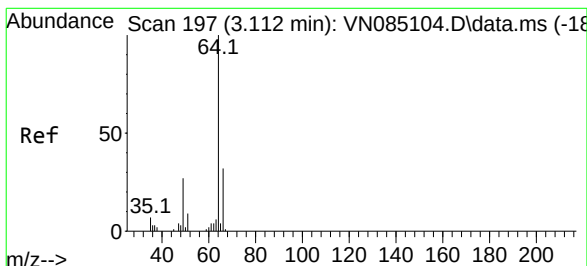
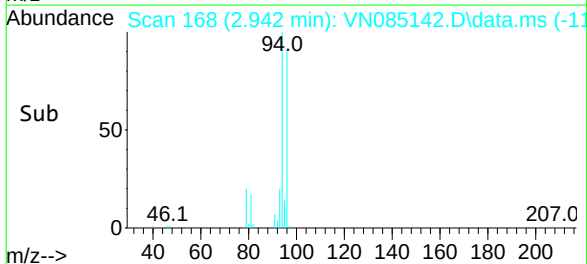
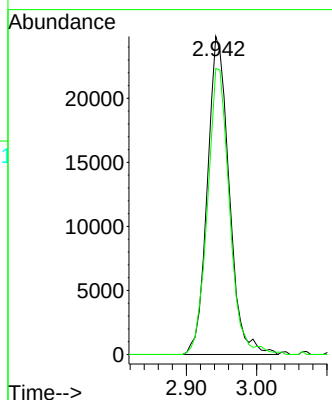
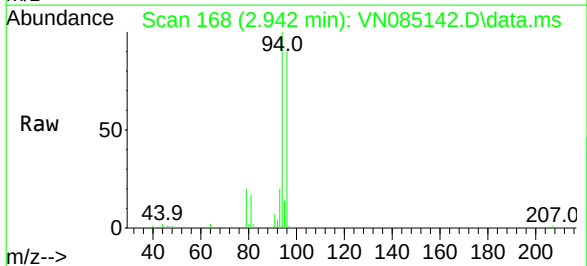
#5
Bromomethane
Concen: 47.797 ug/l
RT: 2.942 min Scan# 168
Delta R.T. 0.041 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

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ClientSampleId :
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Tgt Ion: 94 Resp: 53457
Ion Ratio Lower Upper
94 100
96 89.9 78.7 118.1

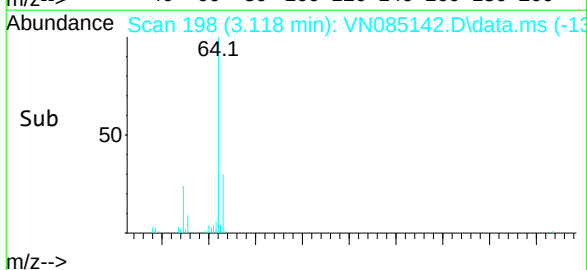
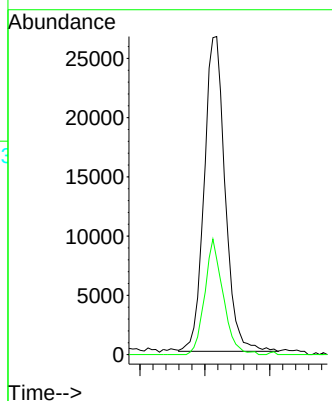
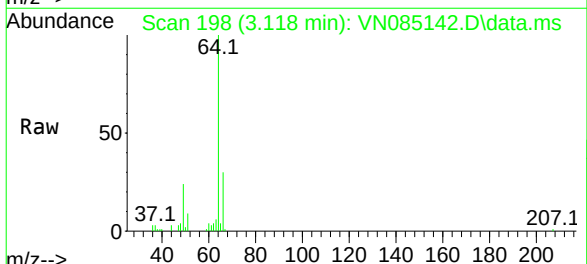
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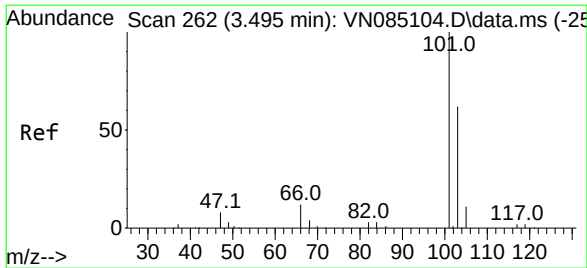
Reviewed By :John Carlone 12/10/2024
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#6
Chloroethane
Concen: 44.380 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.053 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

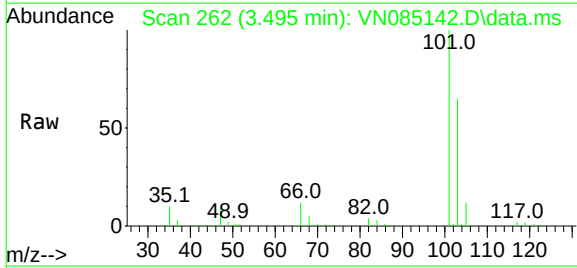
Tgt Ion: 64 Resp: 59690
Ion Ratio Lower Upper
64 100
66 30.3 24.4 36.6





#7
Trichlorofluoromethane
Concen: 45.926 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.035 min
Lab File: VN085142.D
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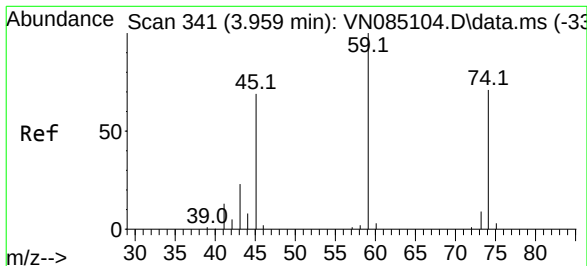
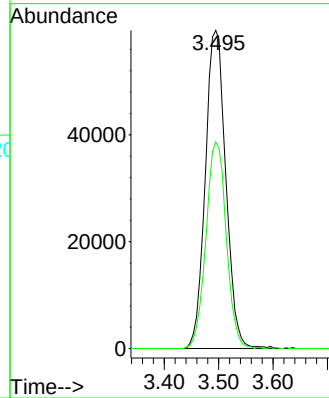
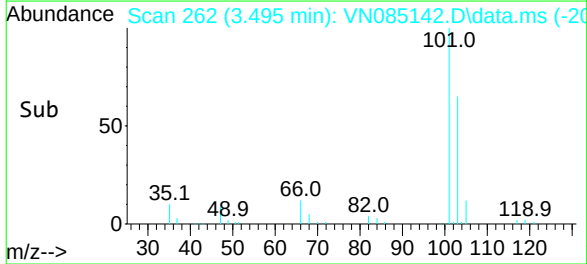
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 155891
Ion Ratio Lower Upper
101 100
103 65.0 52.6 78.8

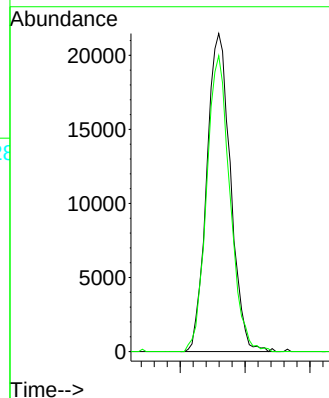
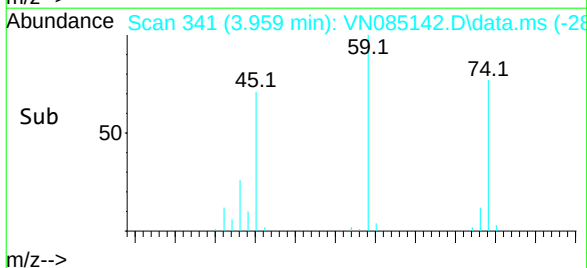
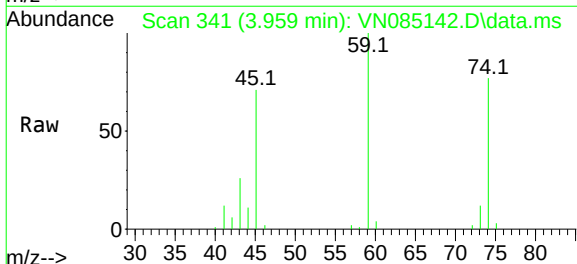
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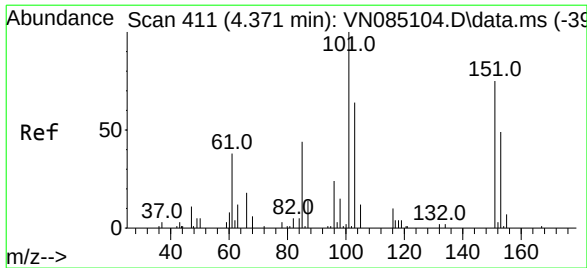
Reviewed By :John Carlone 12/10/2024
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#8
Diethyl Ether
Concen: 47.263 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.012 min
Lab File: VN085142.D
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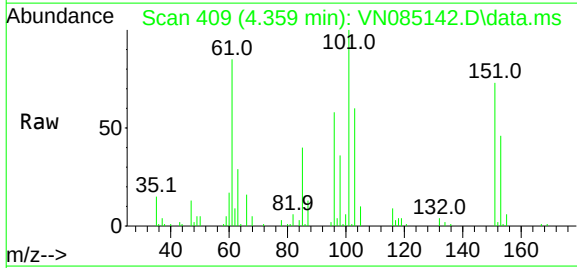
Tgt Ion: 74 Resp: 54603
Ion Ratio Lower Upper
74 100
45 91.6 46.7 140.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.294 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN085142.D
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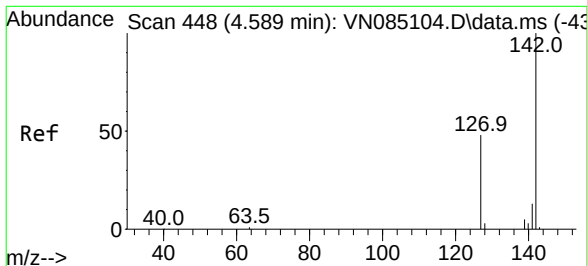
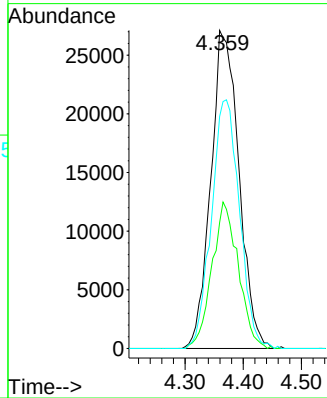
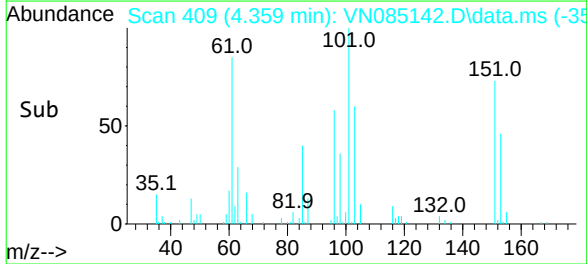
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ClientSampleId :
VSTDCCC050



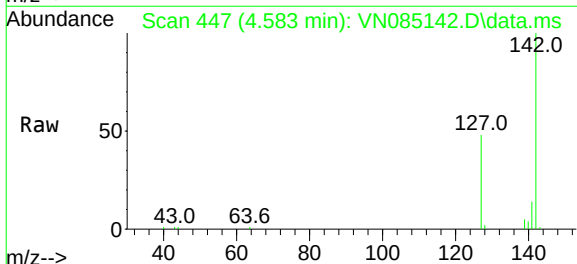
Tgt Ion:	101	Resp:	91050
Ion Ratio	Lower	Upper	
101	100		
85	43.3	36.9	55.3
151	78.1	60.8	91.2

Manual Integrations
APPROVED

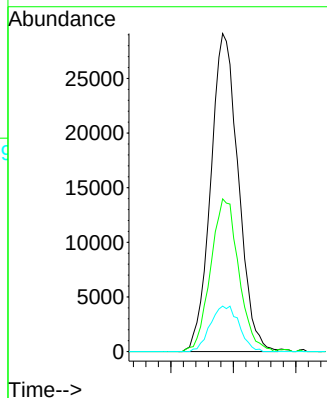
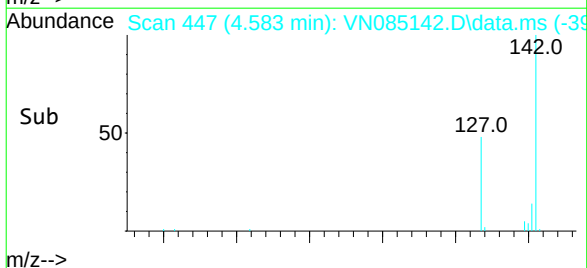
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

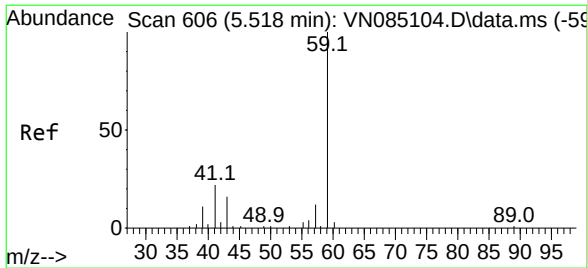


#10
Methyl Iodide
Concen: 35.067 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32



Tgt Ion:	142	Resp:	89363
Ion Ratio	Lower	Upper	
142	100		
127	48.0	36.6	54.8
141	14.3	12.2	18.4





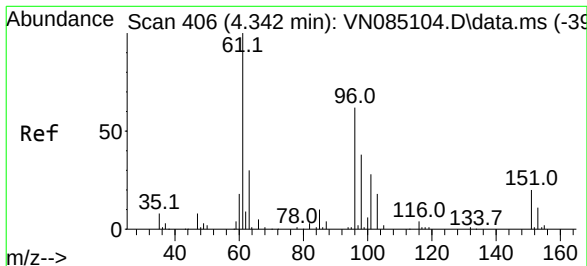
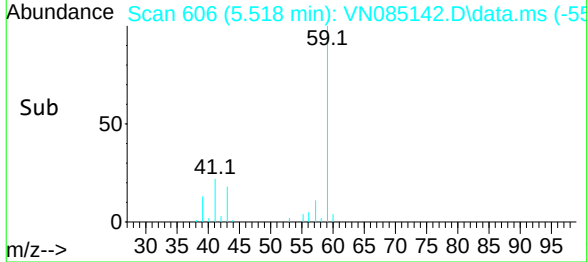
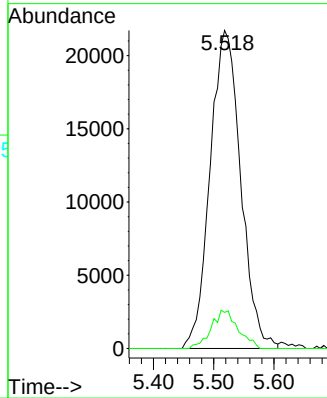
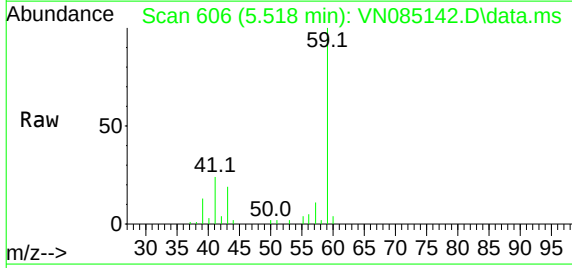
#11
Tert butyl alcohol
Concen: 237.948 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.024 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 76683
Ion Ratio Lower Upper
59 100
57 10.5 7.4 11.0

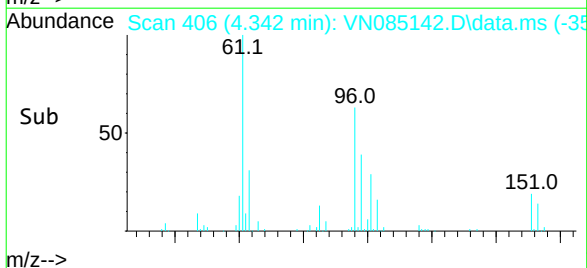
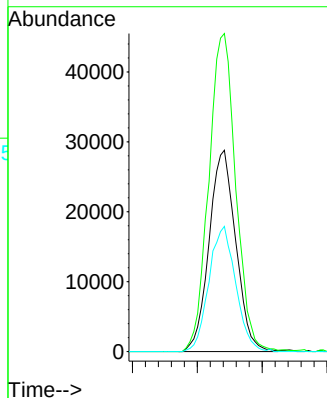
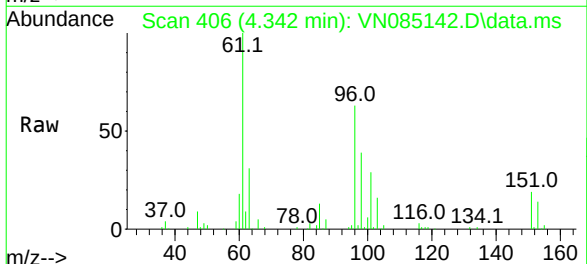
Manual Integrations
APPROVED

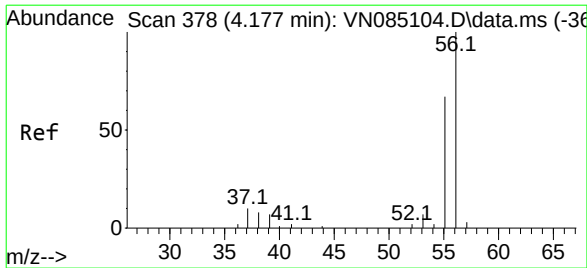
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#12
1,1-Dichloroethene
Concen: 45.833 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.023 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 96 Resp: 82362
Ion Ratio Lower Upper
96 100
61 157.9 127.8 191.8
98 62.2 49.2 73.8





#13

Acrolein

Concen: 300.005 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.012 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

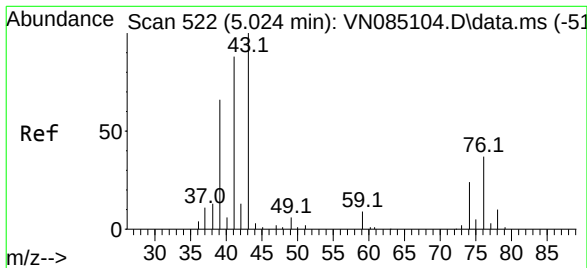
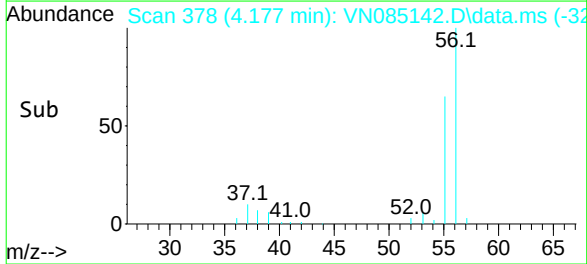
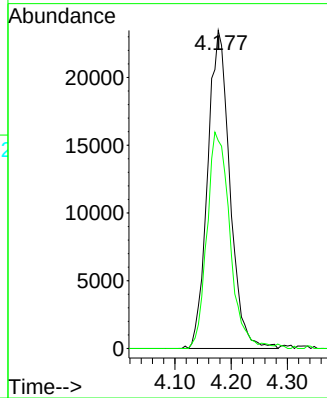
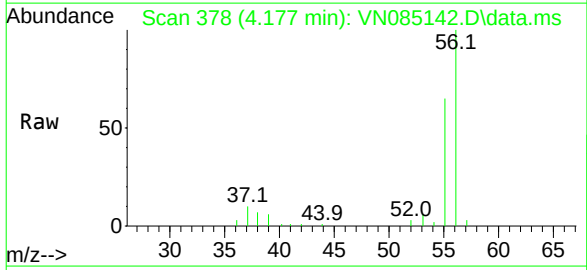
Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.2	54.5	81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#14

Allyl chloride

Concen: 38.835 ug/l

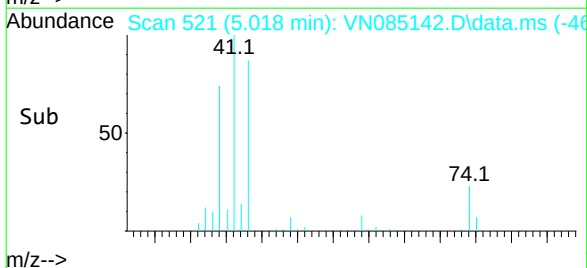
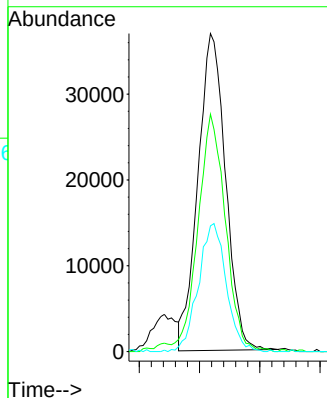
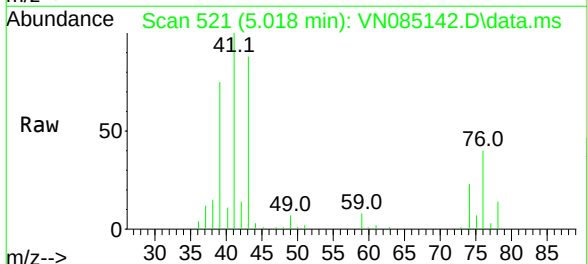
RT: 5.018 min Scan# 521

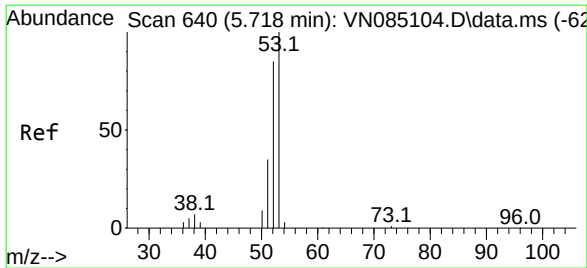
Delta R.T. 0.012 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Tgt Ion	Ratio	Lower	Upper
41	100		
39	74.1	53.8	80.8
76	40.7	29.3	43.9





#15

Acrylonitrile

Concen: 243.009 ug/l

RT: 5.712 min Scan# 63

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

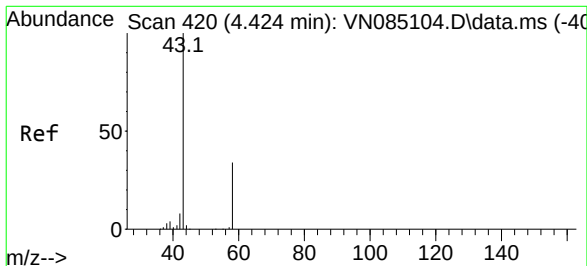
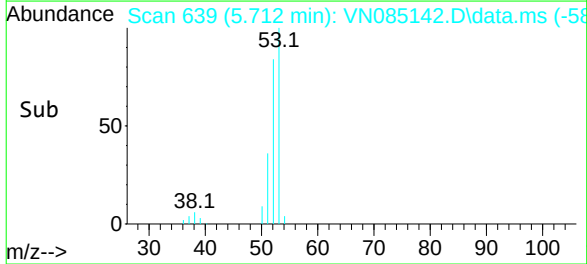
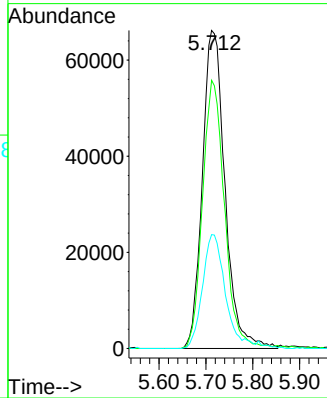
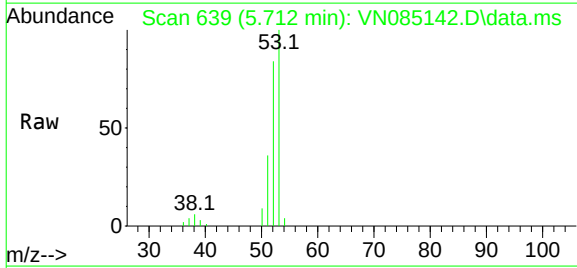
Tgt Ion:	53	Resp:	221719
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	36.2	28.4	42.6

Manual Integrations

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Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#16

Acetone

Concen: 289.341 ug/l

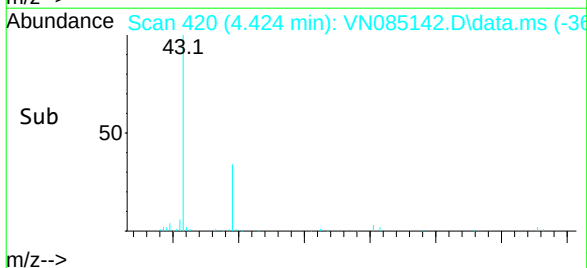
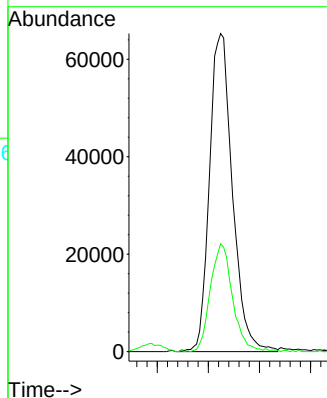
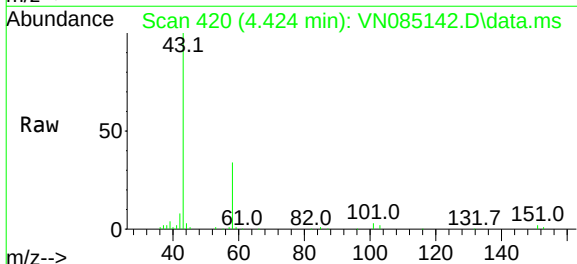
RT: 4.424 min Scan# 420

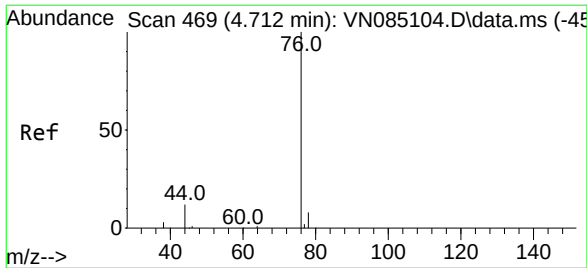
Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

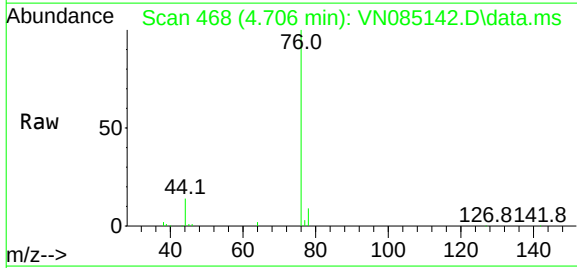
Tgt Ion:	43	Resp:	203220
Ion	Ratio	Lower	Upper
43	100		
58	33.9	25.4	38.2





#17
Carbon Disulfide
Concen: 42.635 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.012 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

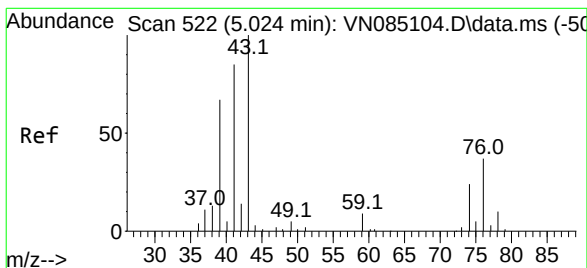
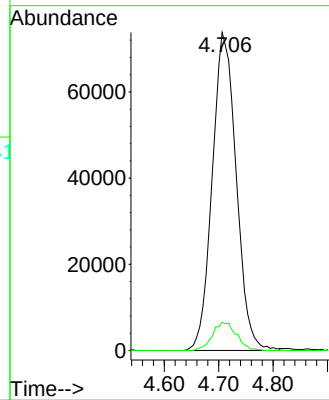
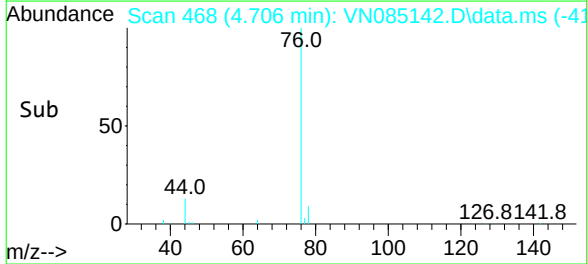
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 226138
Ion Ratio Lower Upper
76 100
78 8.9 6.5 9.7

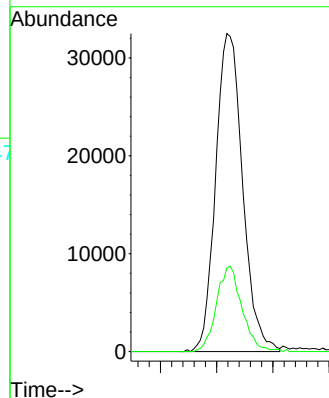
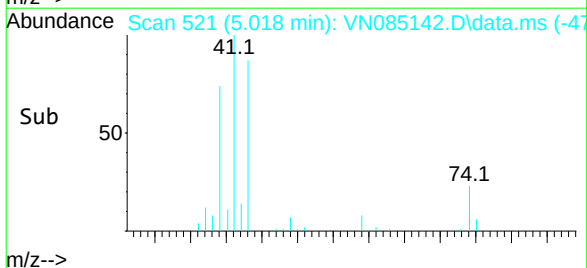
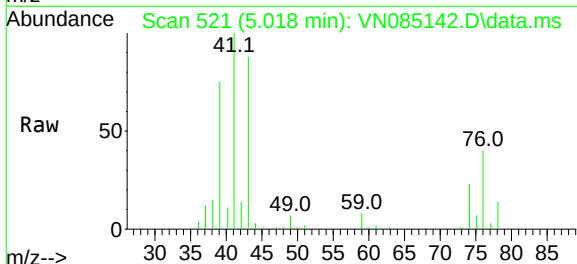
Manual Integrations
APPROVED

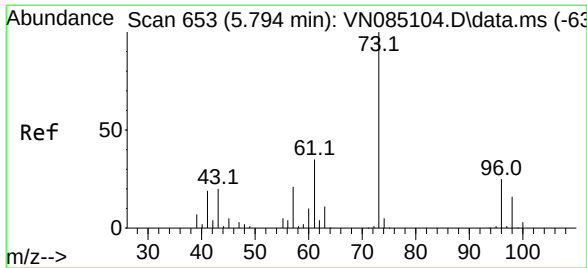
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#18
Methyl Acetate
Concen: 48.108 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 43 Resp: 108094
Ion Ratio Lower Upper
43 100
74 25.3 20.1 30.1





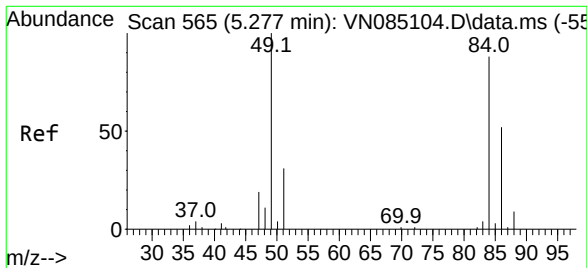
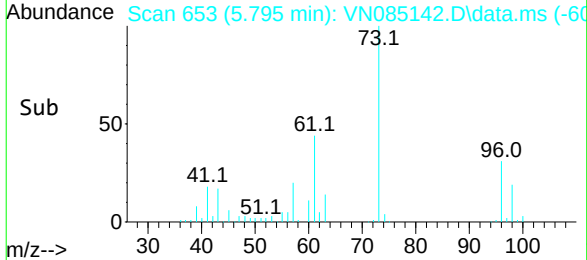
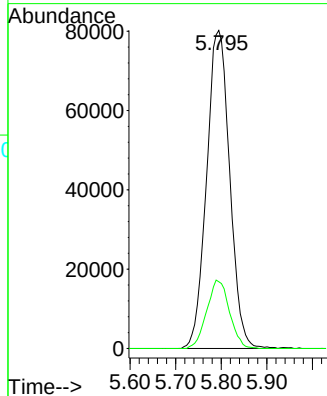
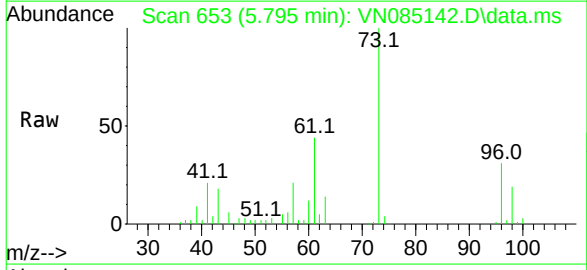
#19
Methyl tert-butyl Ether
Concen: 48.135 ug/l
RT: 5.795 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 282616
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.4

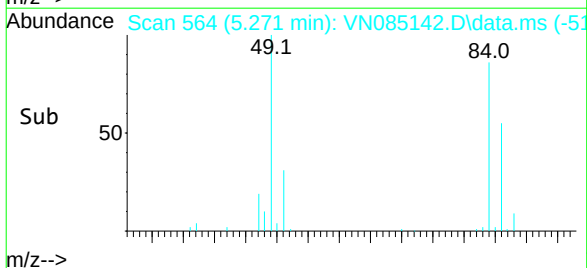
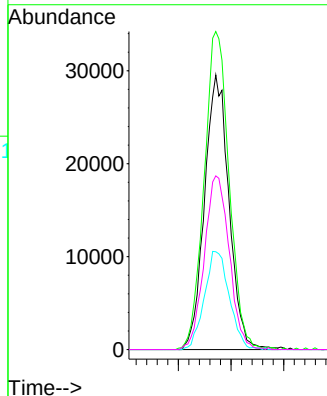
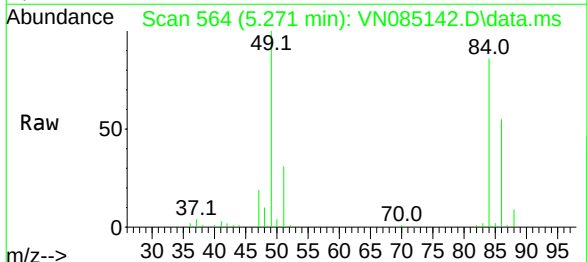
Manual Integrations
APPROVED

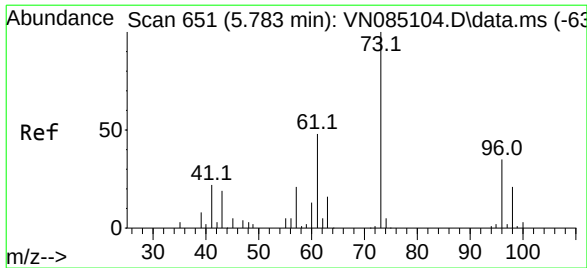
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#20
Methylene Chloride
Concen: 44.476 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

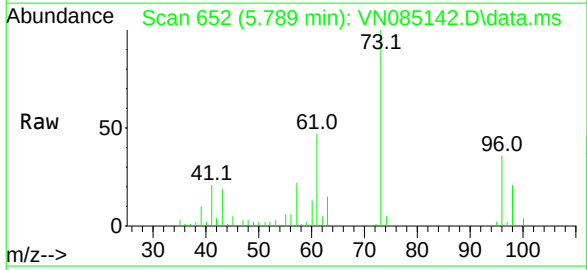
Tgt Ion: 84 Resp: 95322
Ion Ratio Lower Upper
84 100
49 115.8 92.7 139.1
51 35.6 29.4 44.2
86 63.3 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 46.418 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.018 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

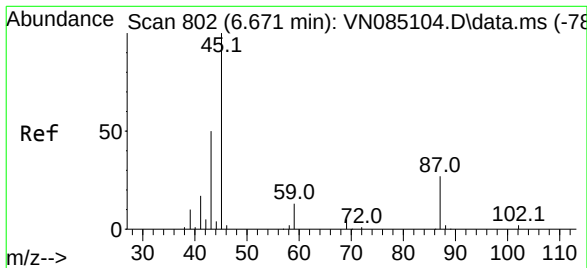
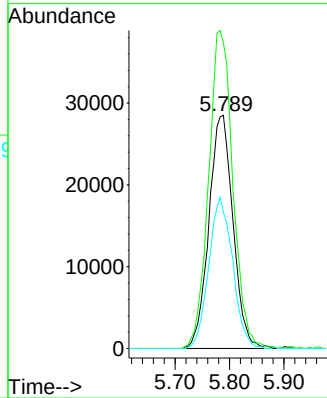
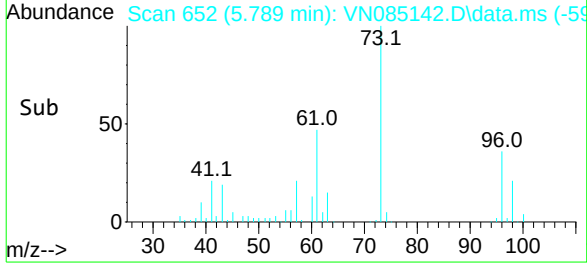
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



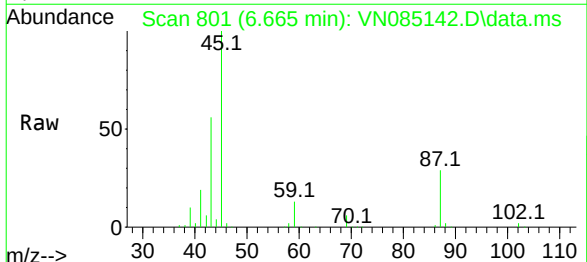
Tgt Ion: 96 Resp: 87778
Ion Ratio Lower Upper
96 100
61 131.2 100.7 151.1
98 58.4 45.8 68.6

Manual Integrations
APPROVED

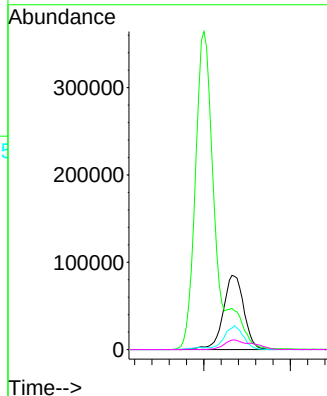
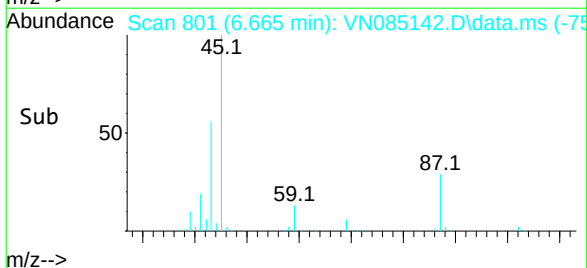
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

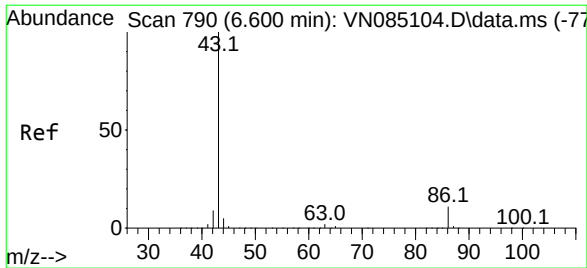


#22
Diisopropyl ether
Concen: 46.165 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32



Tgt Ion: 45 Resp: 281466
Ion Ratio Lower Upper
45 100
43 54.8 42.7 64.1
87 29.1 22.6 34.0
59 12.6 9.9 14.9





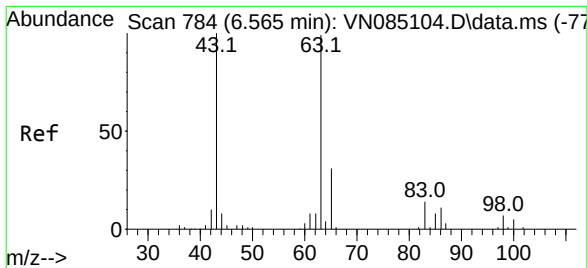
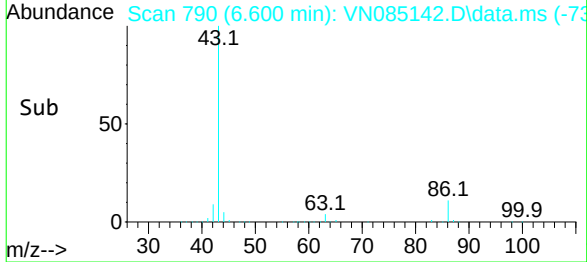
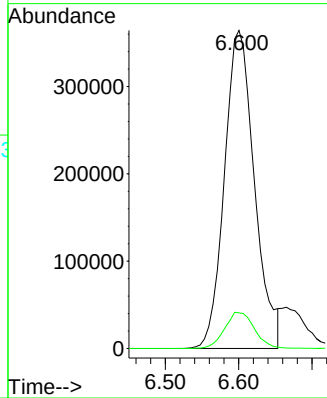
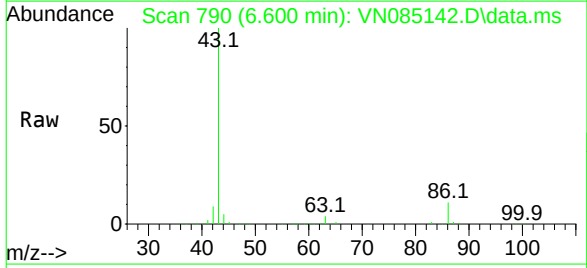
#23
 Vinyl Acetate
 Concen: 246.613 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1037308
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.9 13.3

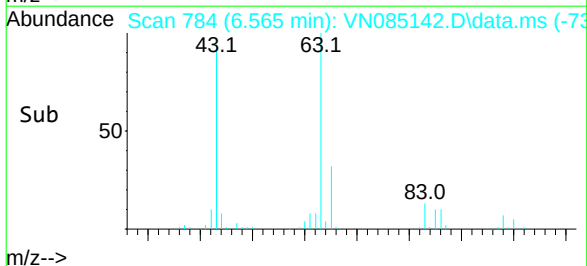
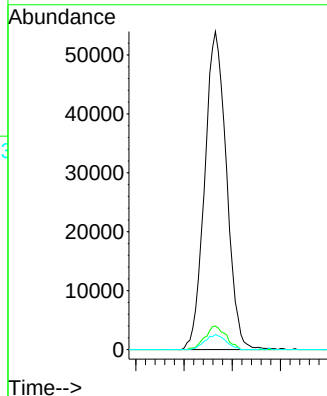
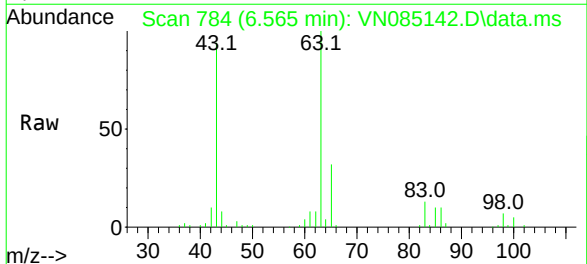
Manual Integrations
 APPROVED

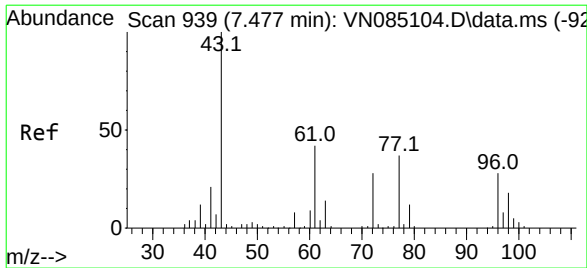
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#24
 1,1-Dichloroethane
 Concen: 46.447 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.012 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

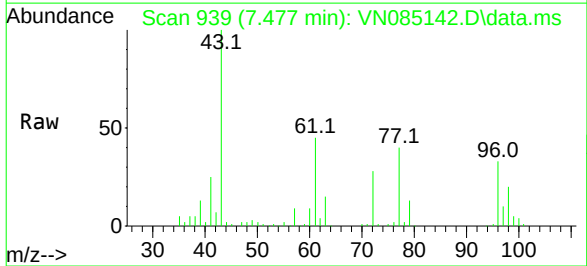
Tgt Ion: 63 Resp: 169467
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.7 2.2 6.6





#25
2-Butanone
Concen: 258.973 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

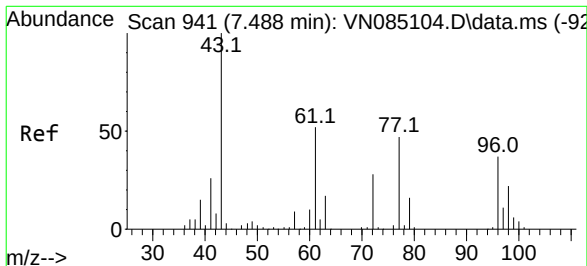
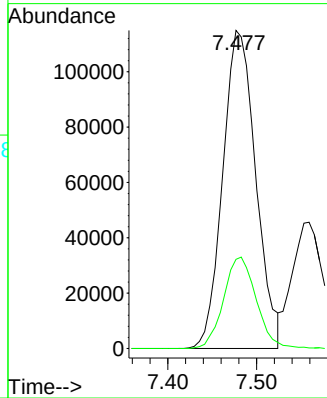
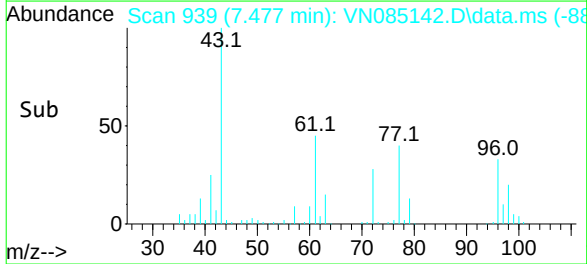
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



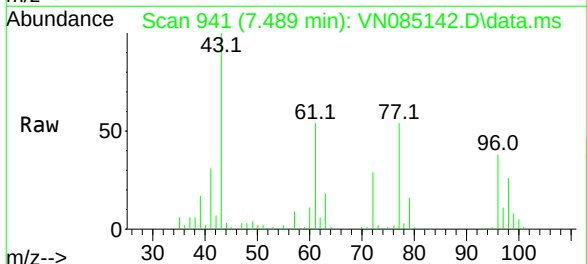
Tgt Ion: 43 Resp: 297377
Ion Ratio Lower Upper
43 100
72 28.0 21.4 32.0

Manual Integrations
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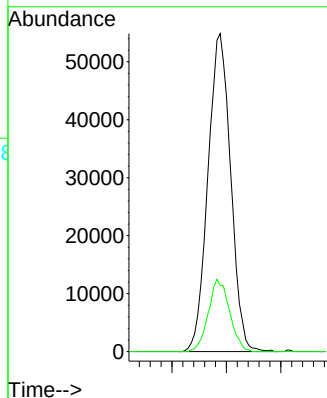
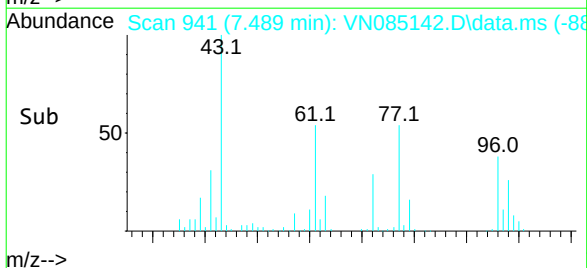
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

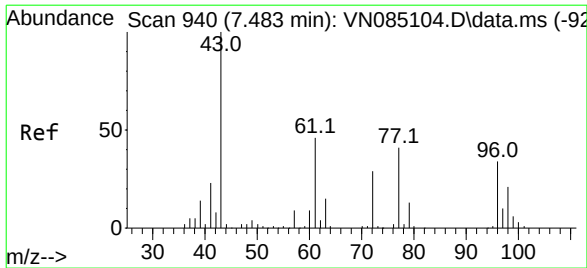


#26
2,2-Dichloropropane
Concen: 46.682 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32



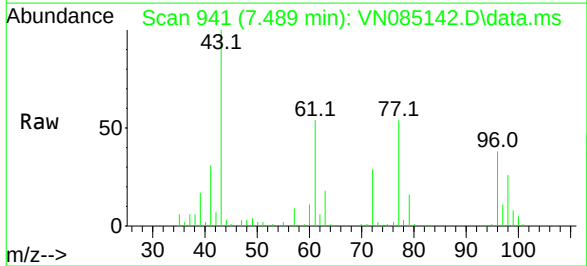
Tgt Ion: 77 Resp: 159044
Ion Ratio Lower Upper
77 100
97 21.2 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 46.131 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

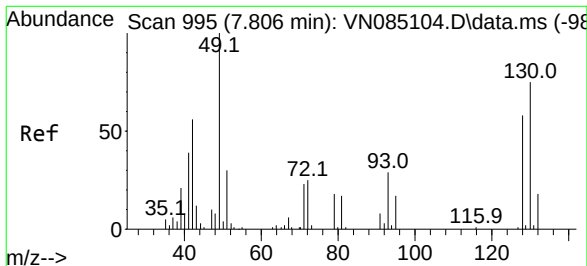
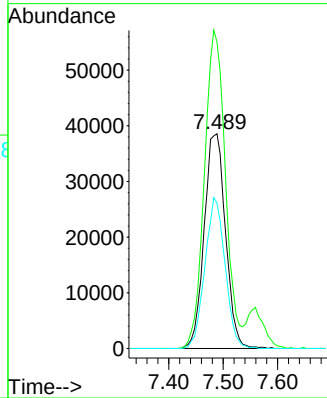
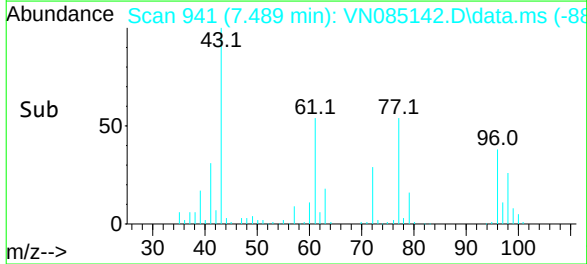
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 105165
 Ion Ratio Lower Upper
 96 100
 61 145.9 0.0 291.6
 98 66.4 0.0 129.8

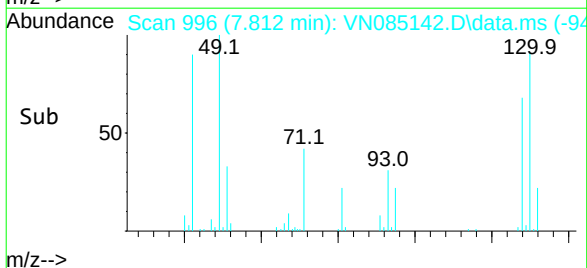
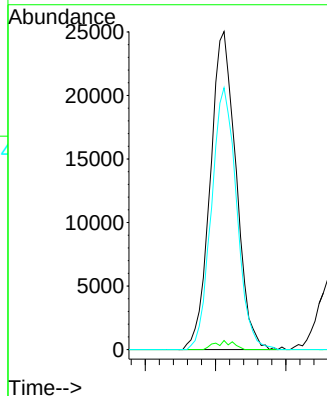
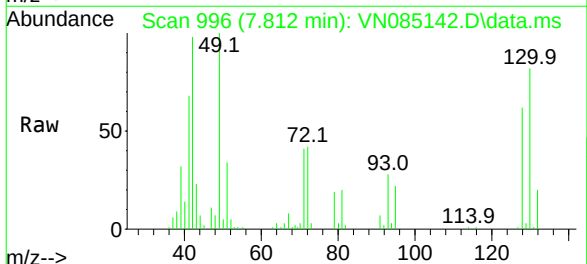
Manual Integrations
 APPROVED

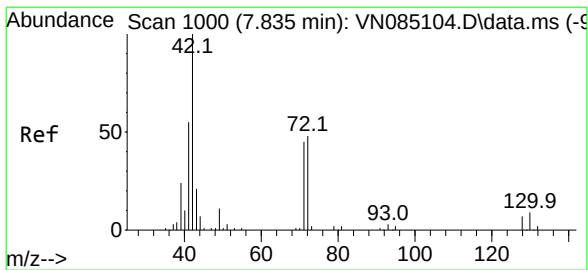
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#28
 Bromochloromethane
 Concen: 46.274 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

Tgt Ion: 49 Resp: 63733
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 80.5 60.6 90.8





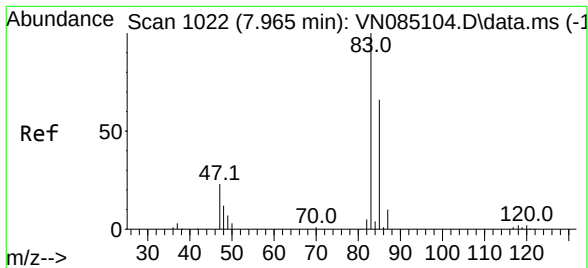
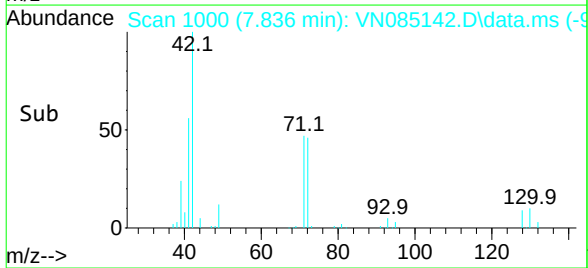
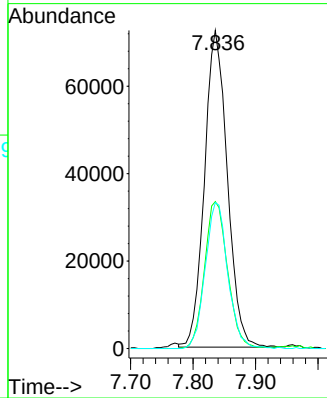
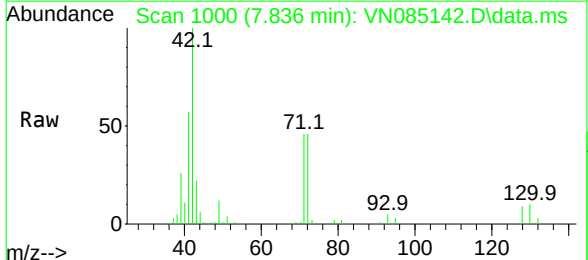
#29
Tetrahydrofuran
Concen: 257.747 ug/l
RT: 7.836 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 184053
Ion Ratio Lower Upper
42 100
72 46.9 37.0 55.4
71 45.6 35.0 52.4

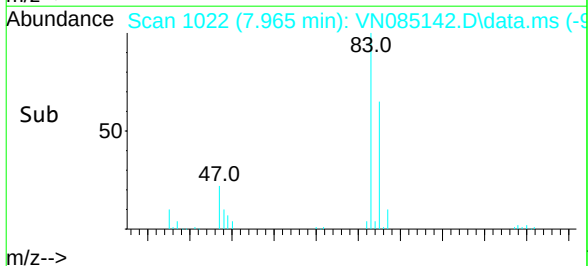
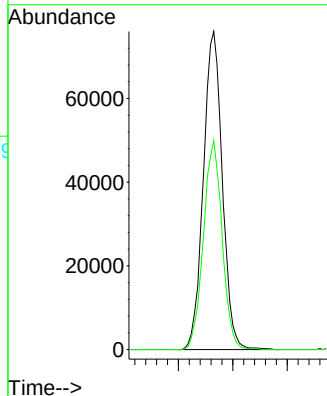
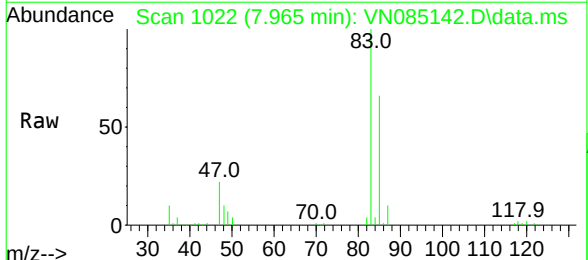
Manual Integrations
APPROVED

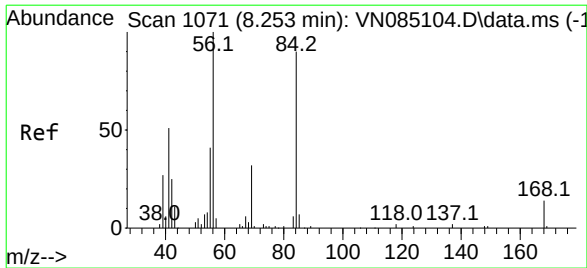
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#30
Chloroform
Concen: 47.401 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

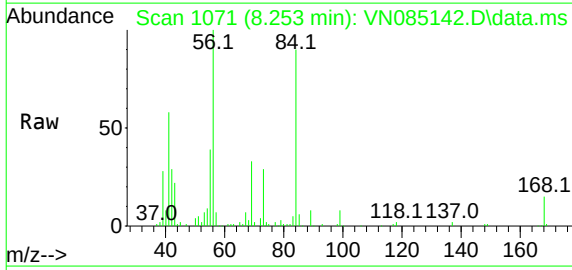
Tgt Ion: 83 Resp: 183970
Ion Ratio Lower Upper
83 100
85 65.7 52.6 78.8





#31
Cyclohexane
Concen: 43.877 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

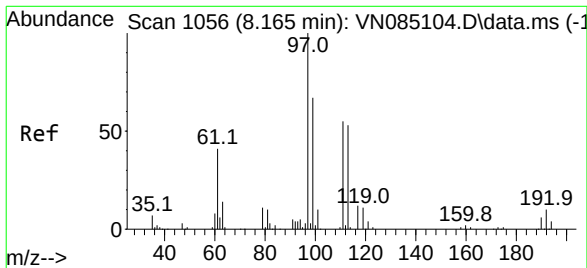
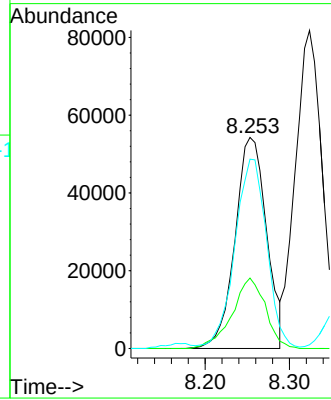
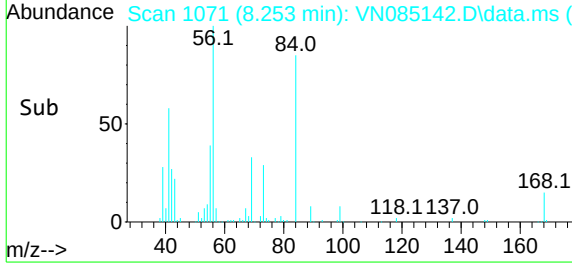
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 140953
Ion Ratio Lower Upper
56 100
69 33.4 24.6 36.8
84 87.4 71.4 107.2

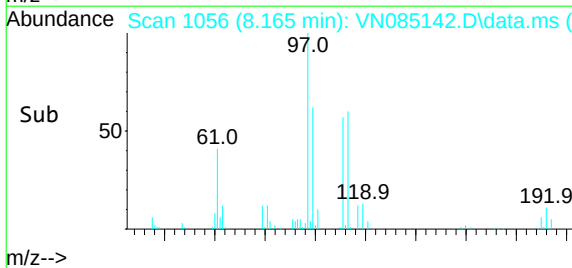
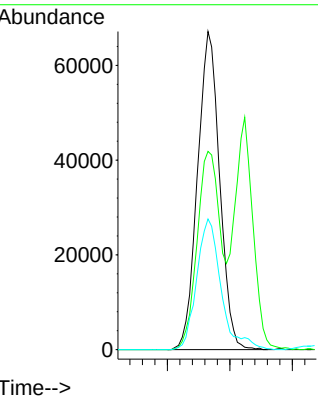
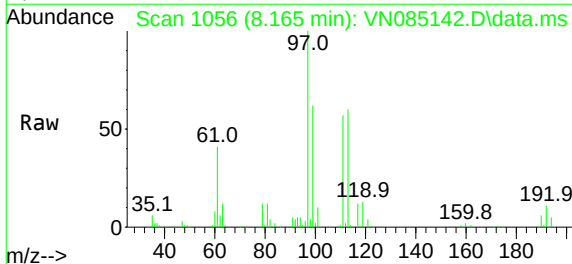
Manual Integrations
APPROVED

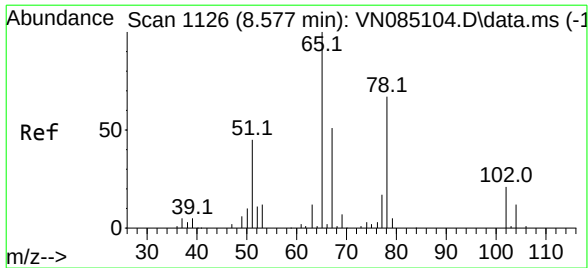
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#32
1,1,1-Trichloroethane
Concen: 47.089 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 97 Resp: 165151
Ion Ratio Lower Upper
97 100
99 65.9 51.0 76.4
61 45.1 36.2 54.2





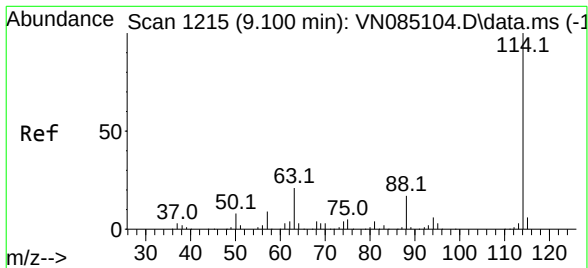
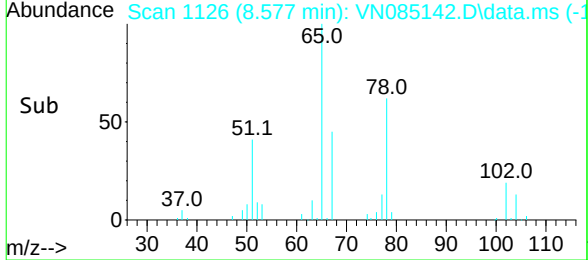
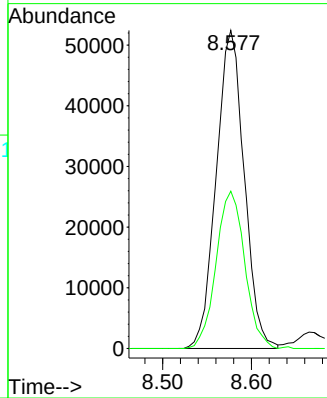
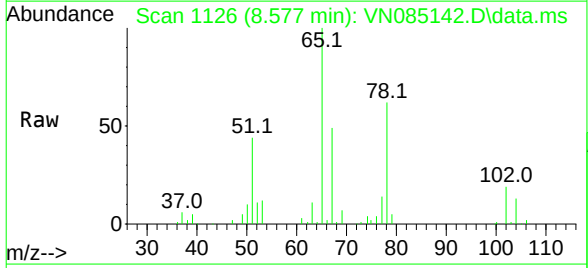
#33
1,2-Dichloroethane-d4
Concen: 47.569 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 114719
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.0

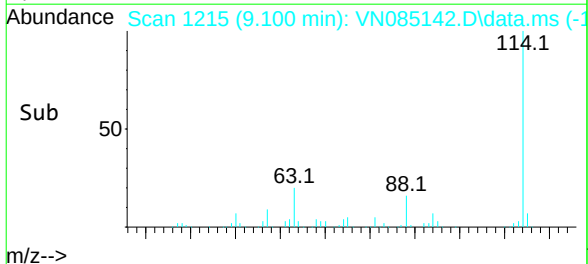
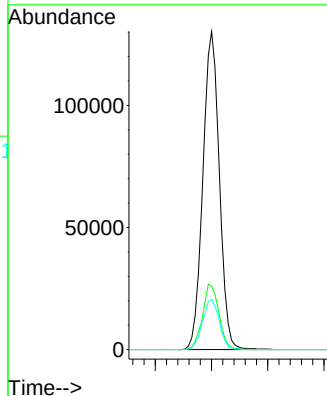
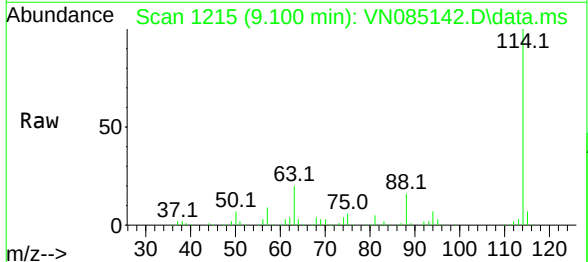
Manual Integrations
APPROVED

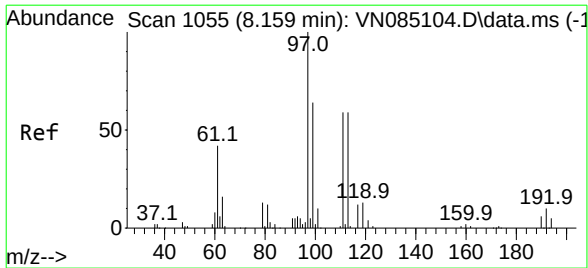
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

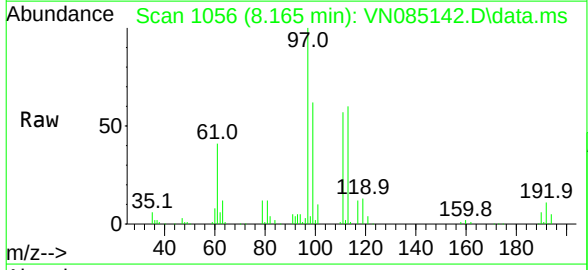
Tgt Ion:114 Resp: 265126
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.0
88 15.8 0.0 34.8





#35
Dibromofluoromethane
Concen: 51.885 ug/l
RT: 8.165 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

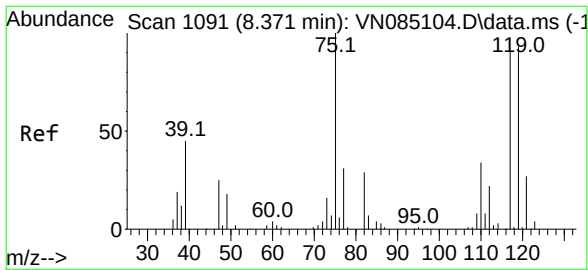
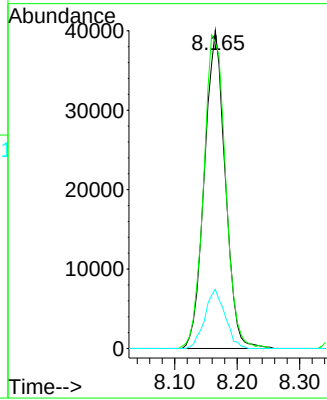
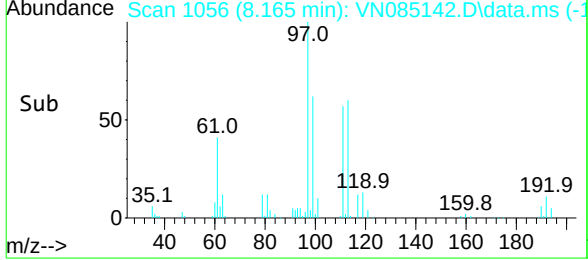
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 92766
Ion Ratio Lower Upper
113 100
111 103.9 82.0 123.0
192 18.1 14.8 22.2

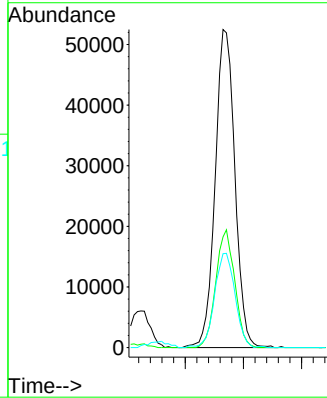
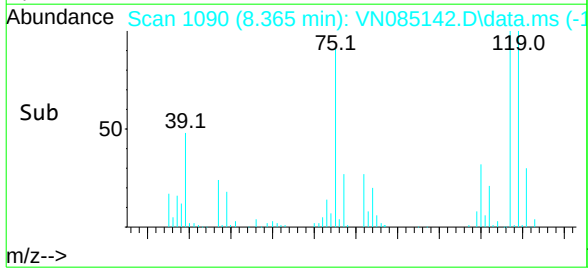
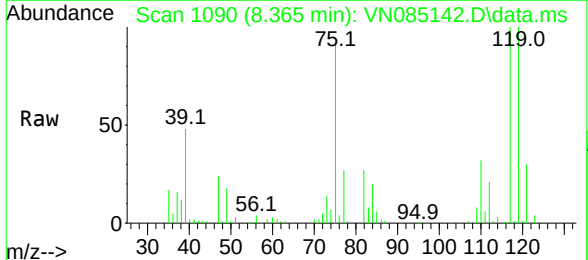
Manual Integrations
APPROVED

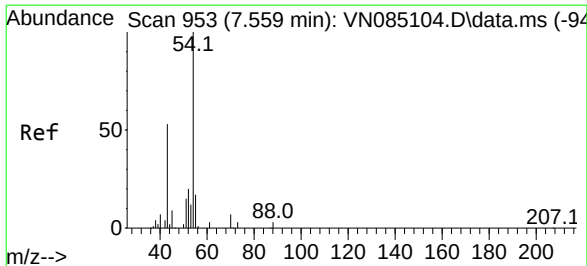
Reviewed By : John Carlone 12/10/2024
Supervised By : Mahesh Dadoda 12/10/2024



#36
1,1-Dichloropropene
Concen: 51.043 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

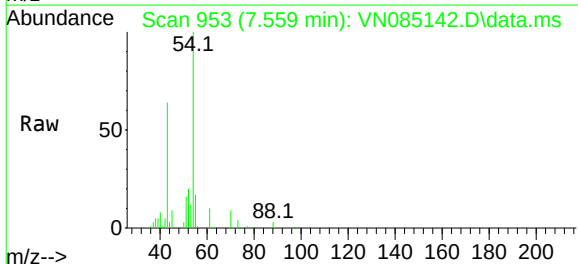
Tgt Ion: 75 Resp: 123613
Ion Ratio Lower Upper
75 100
110 35.5 17.2 51.6
77 30.7 24.2 36.4





#37
Ethyl Acetate
Concen: 52.778 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

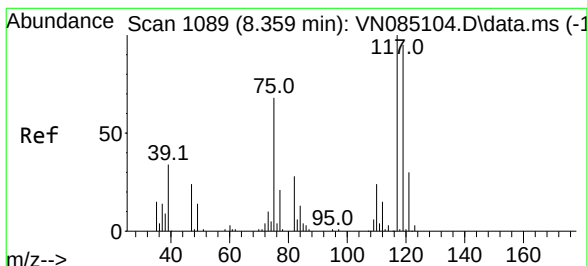
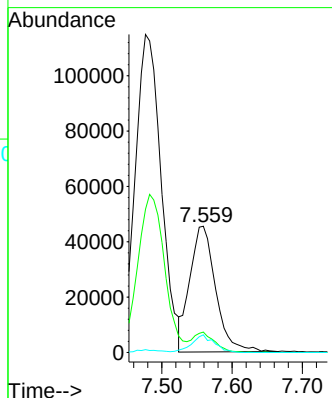
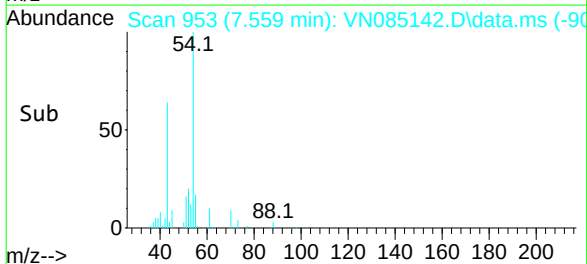
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 116196
Ion Ratio Lower Upper
43 100
61 13.6 11.7 17.5
70 12.2 9.3 13.9

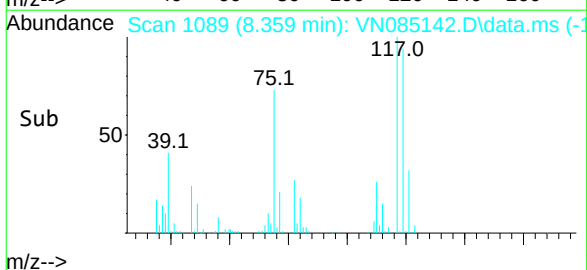
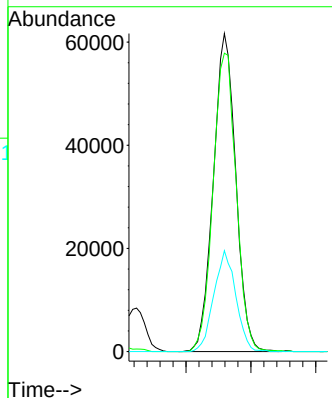
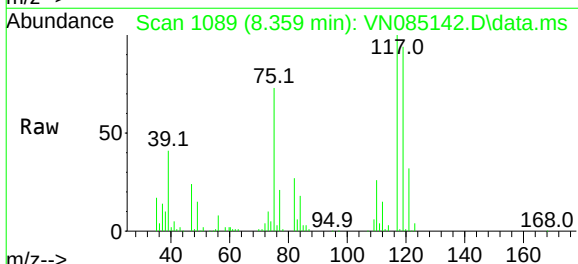
Manual Integrations
APPROVED

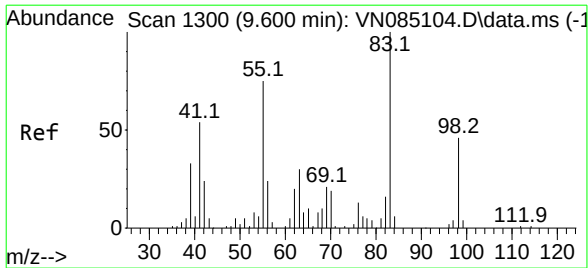
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#38
Carbon Tetrachloride
Concen: 53.041 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:117 Resp: 148269
Ion Ratio Lower Upper
117 100
119 93.8 78.6 117.8
121 31.7 24.2 36.2





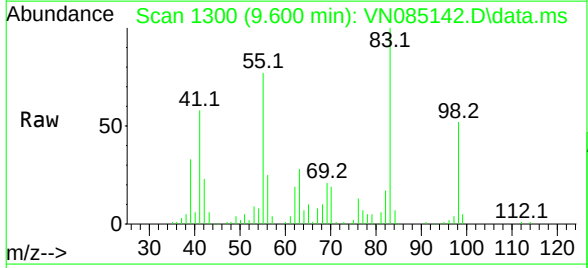
#39
Methylcyclohexane
Concen: 52.424 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



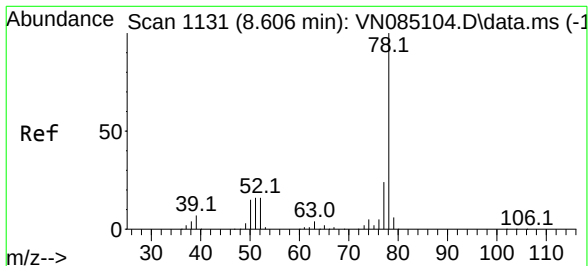
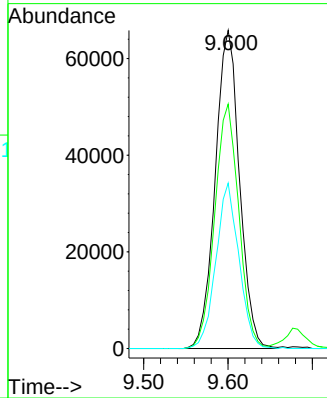
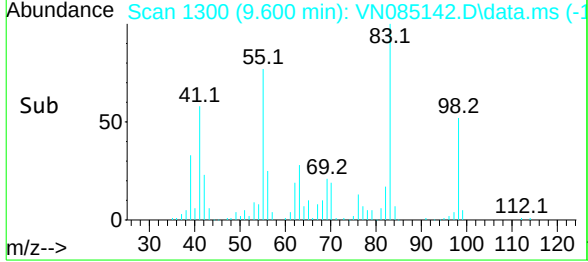
Tgt Ion: 83 Resp: 131927
Ion Ratio Lower Upper
83 100
55 76.8 61.8 92.6
98 52.0 37.0 55.6

Manual Integrations

APPROVED

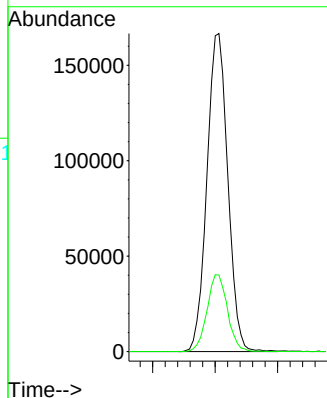
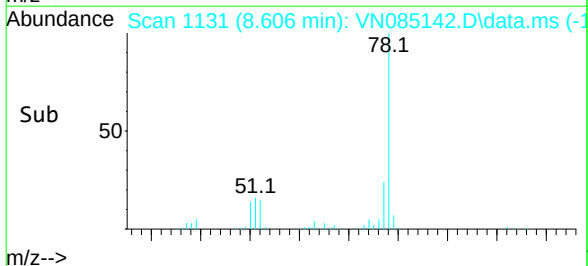
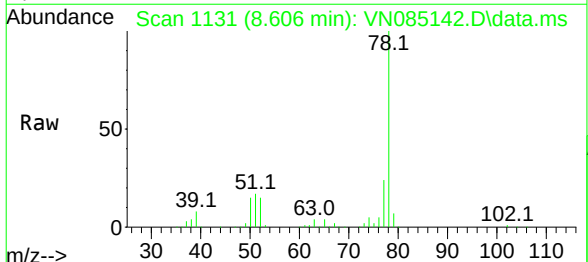
Reviewed By :John Carlone 12/10/2024

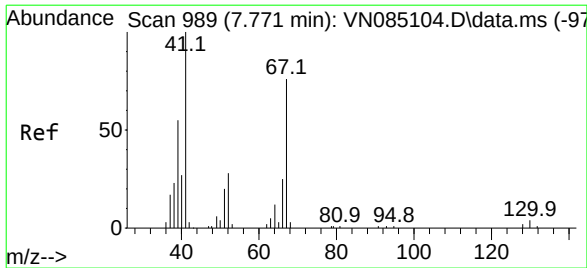
Supervised By :Mahesh Dadoda 12/10/2024



#40
Benzene
Concen: 50.434 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 78 Resp: 386295
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7





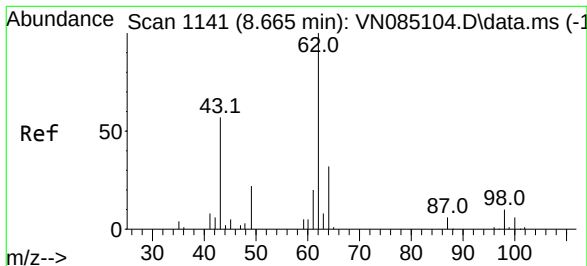
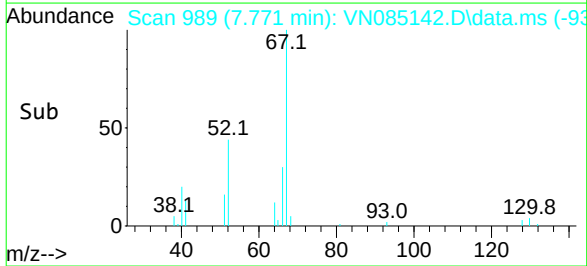
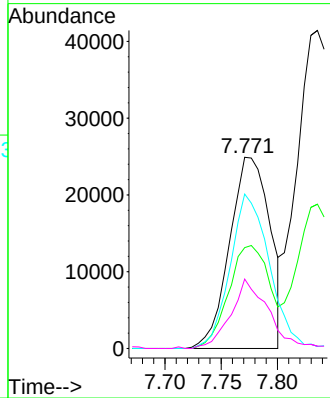
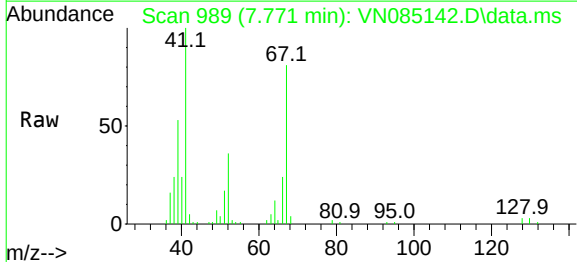
#41
Methacrylonitrile
Concen: 51.058 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41	Resp: 62238
Ion Ratio	Lower Upper
41	100
39	54.3 42.6 63.8
67	79.1 59.9 89.9
52	33.8 24.8 37.2

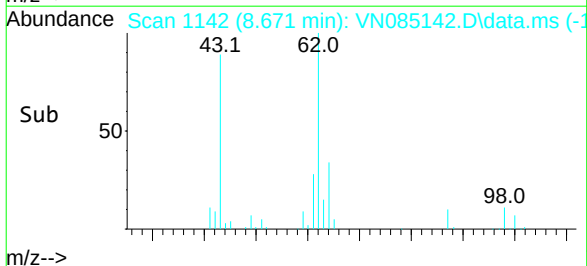
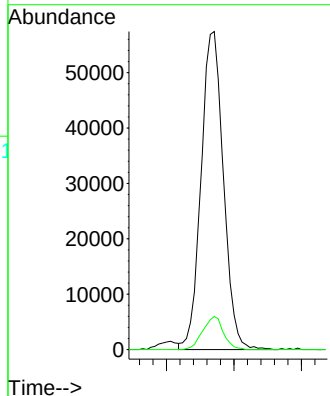
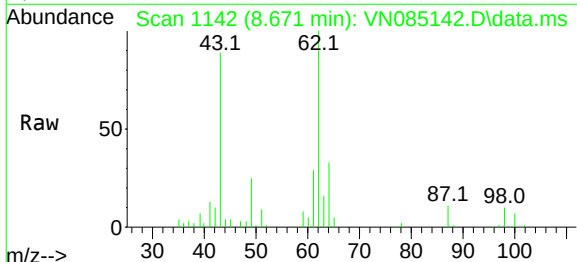
Manual Integrations
APPROVED

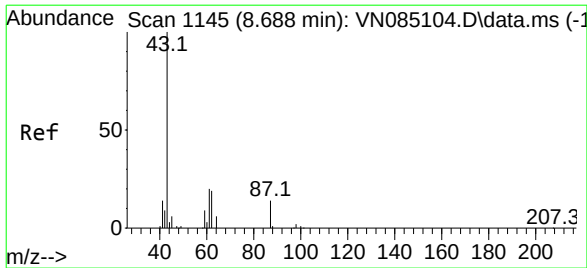
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#42
1,2-Dichloroethane
Concen: 50.412 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

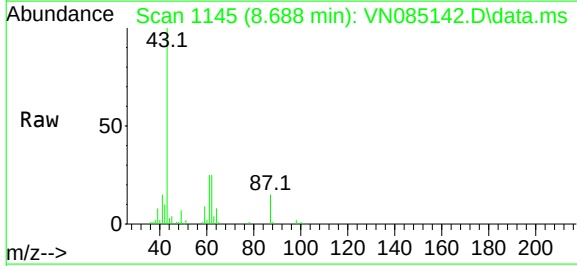
Tgt Ion: 62	Resp: 132099
Ion Ratio	Lower Upper
62	100
98	9.6 0.0 18.2





#43
Isopropyl Acetate
Concen: 43.006 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

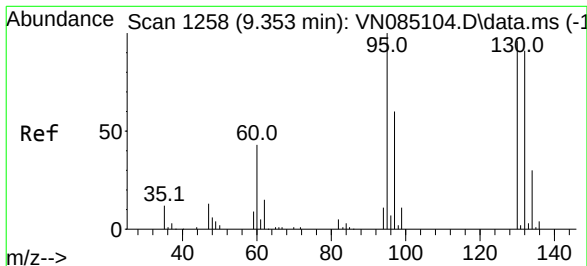
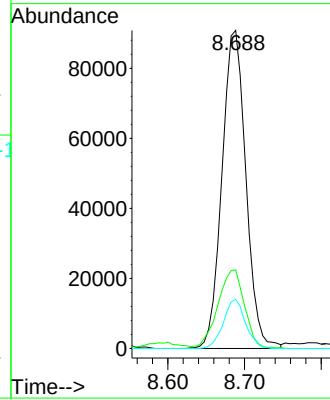
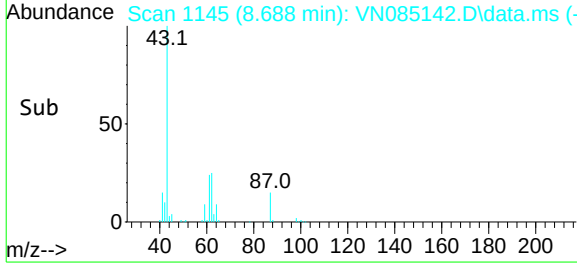
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 196670
Ion Ratio Lower Upper
43 100
61 27.6 20.6 30.8
87 14.2 11.0 16.4

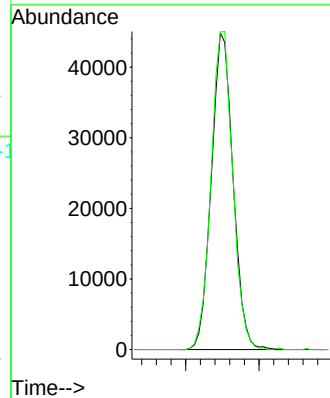
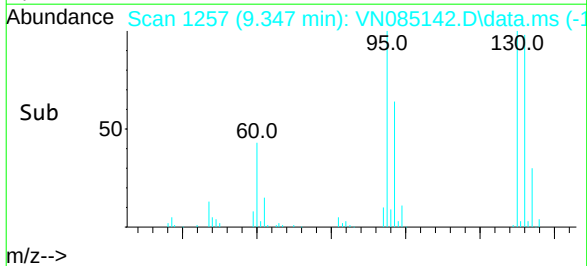
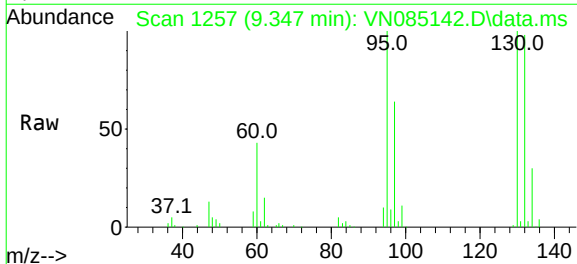
Manual Integrations
APPROVED

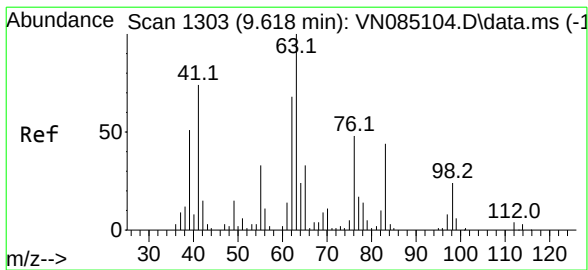
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#44
Trichloroethene
Concen: 51.660 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:130 Resp: 91956
Ion Ratio Lower Upper
130 100
95 100.3 0.0 213.4





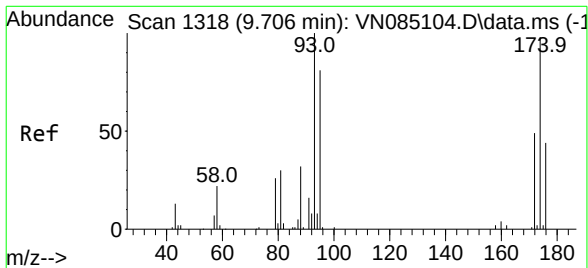
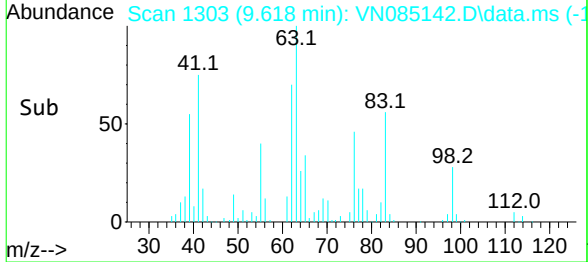
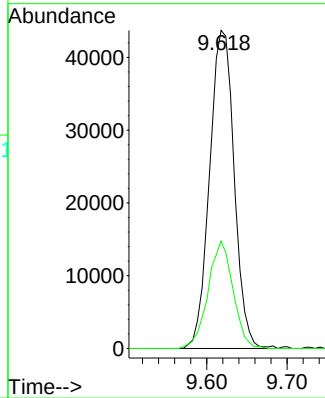
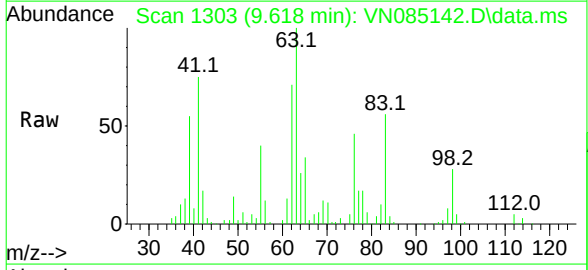
#45
1,2-Dichloropropane
Concen: 49.272 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 92953
Ion Ratio Lower Upper
63 100
65 33.8 24.0 36.0

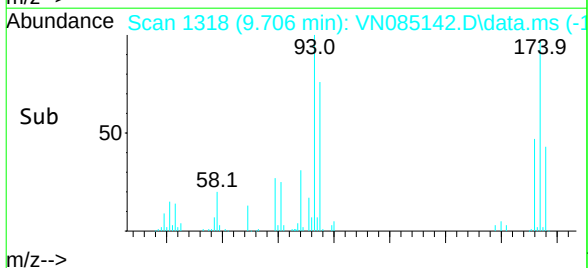
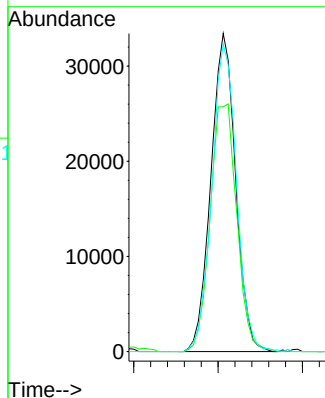
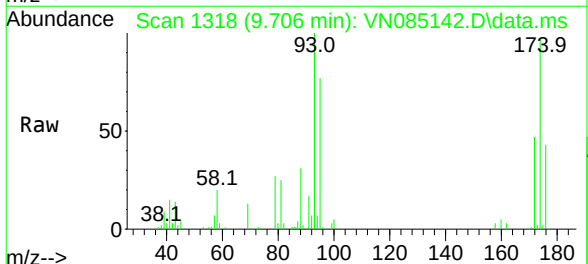
Manual Integrations
APPROVED

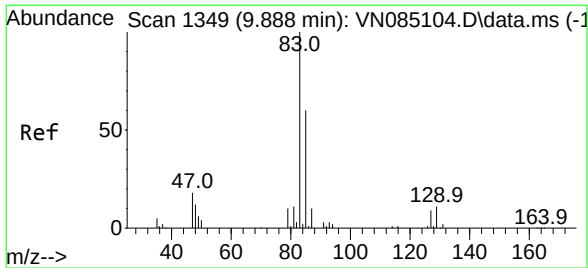
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#46
Dibromomethane
Concen: 51.870 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 93 Resp: 67996
Ion Ratio Lower Upper
93 100
95 83.8 66.2 99.4
174 96.4 74.9 112.3





#47
 Bromodichloromethane
 Concen: 52.456 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. 0.006 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

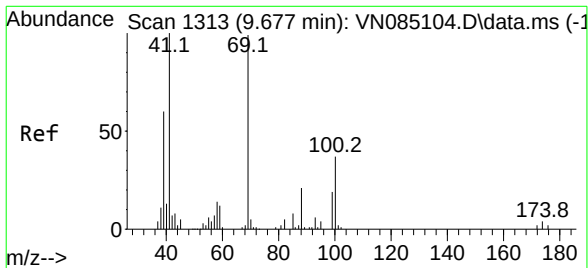
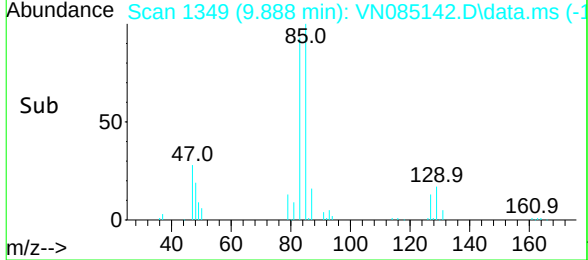
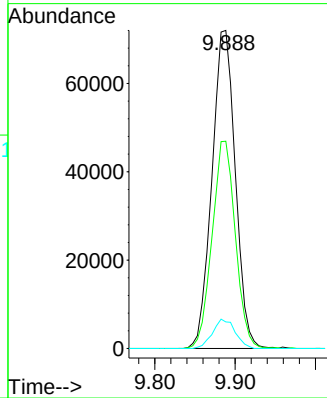
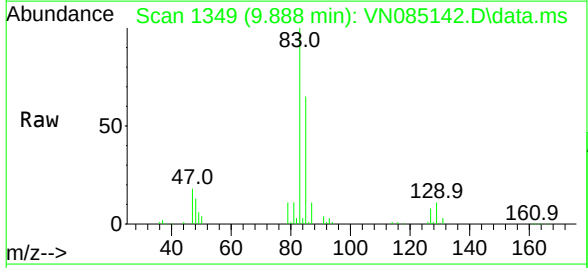
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	145741
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.5	75.7
127	8.3	7.1	10.7

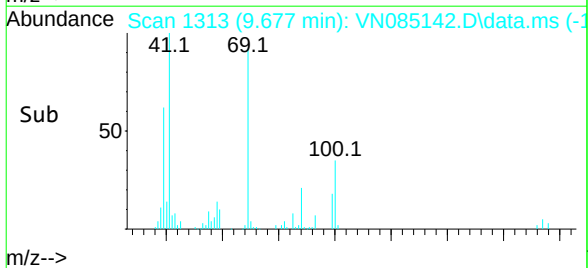
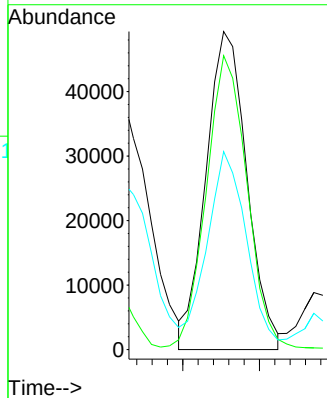
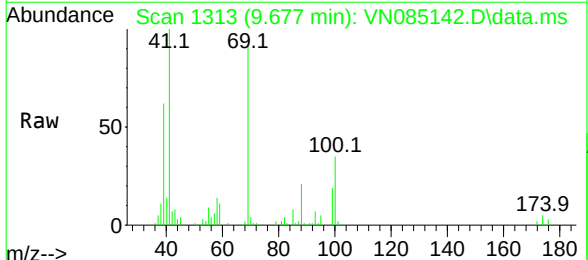
Manual Integrations
 APPROVED

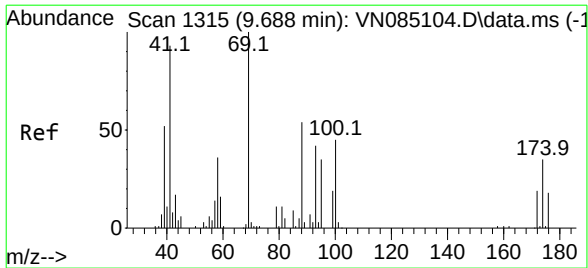
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#48
 Methyl methacrylate
 Concen: 53.750 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

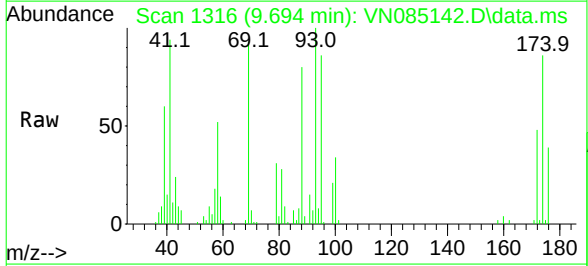
Tgt Ion:	41	Resp:	91470
Ion	Ratio	Lower	Upper
41	100		
69	92.6	73.2	109.8
39	60.3	46.2	69.4





#49
1,4-Dioxane
Concen: 1260.284 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

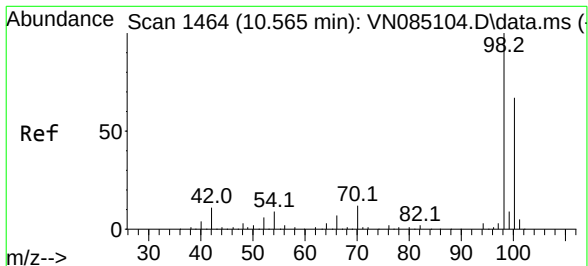
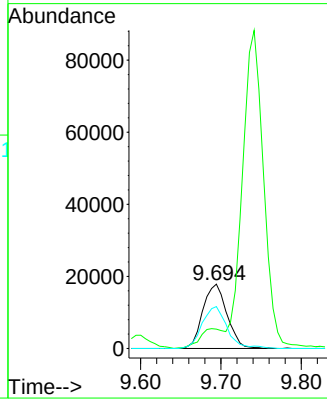
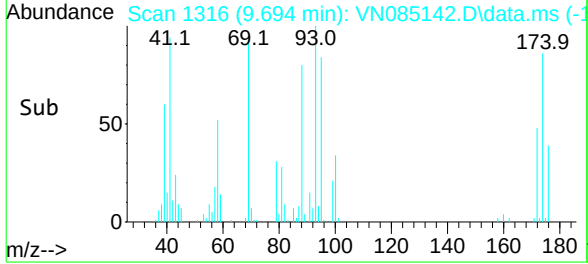
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 37193
Ion Ratio Lower Upper
88 100
43 32.2 16.7 25.1#
58 67.9 56.5 84.7

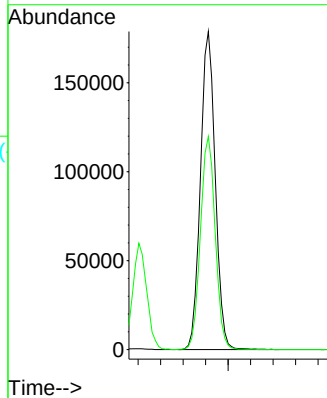
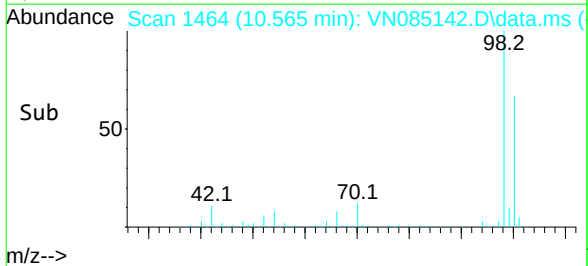
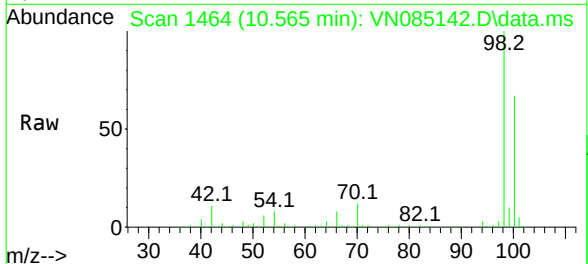
Manual Integrations
APPROVED

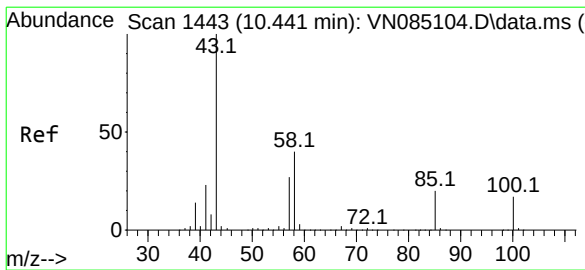
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#50
Toluene-d8
Concen: 50.960 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 98 Resp: 326526
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7





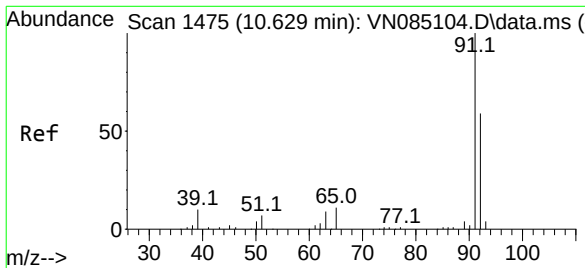
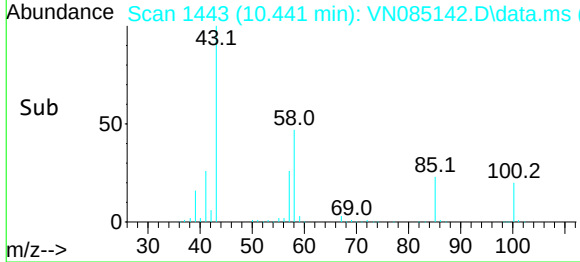
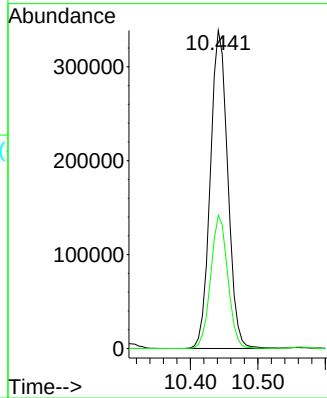
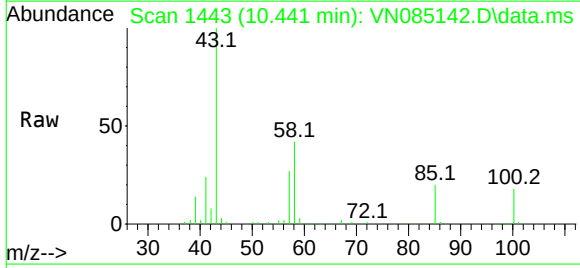
#51
4-Methyl-2-Pentanone
Concen: 291.377 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 608624
Ion Ratio Lower Upper
43 100
58 41.0 32.1 48.1

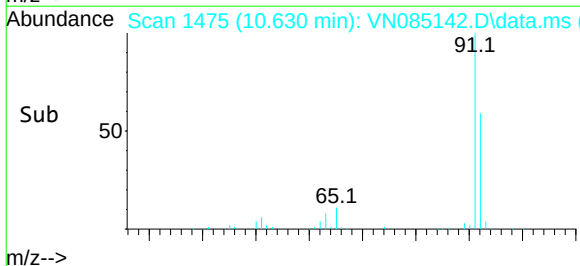
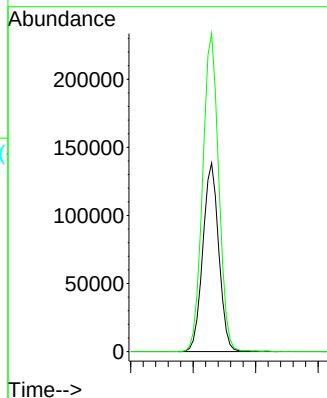
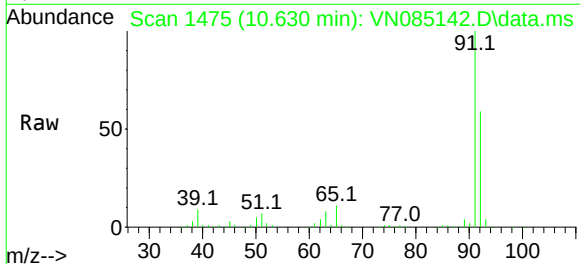
Manual Integrations
APPROVED

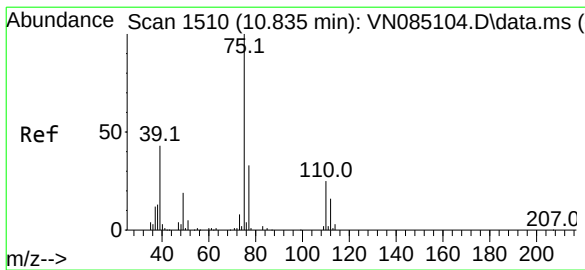
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#52
Toluene
Concen: 54.081 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

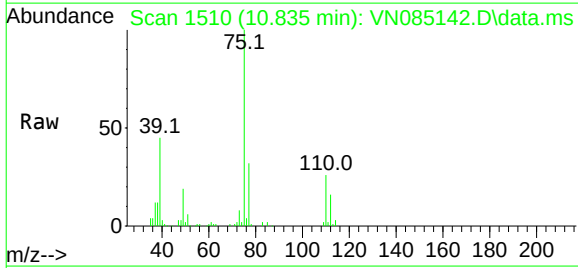
Tgt Ion: 92 Resp: 245225
Ion Ratio Lower Upper
92 100
91 170.5 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 51.589 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

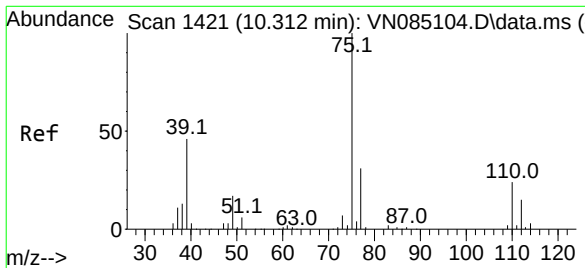
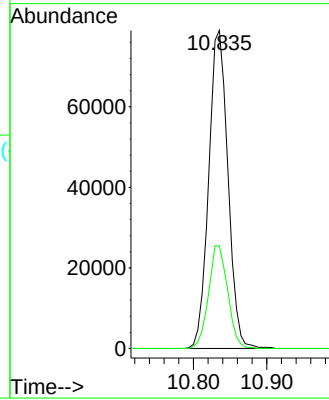
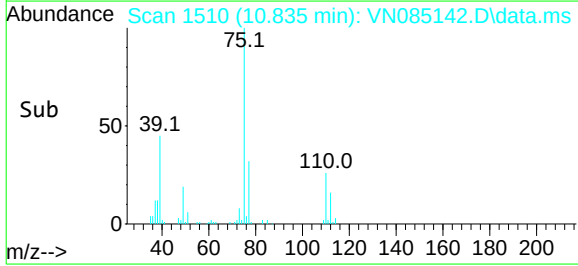
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



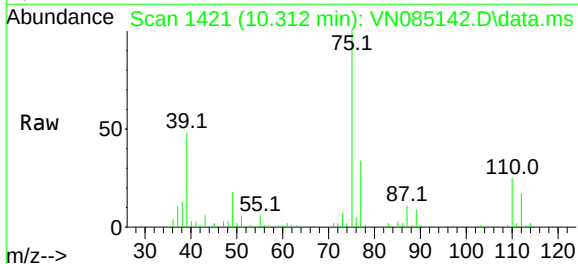
Tgt Ion: 75 Resp: 143697
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4

Manual Integrations
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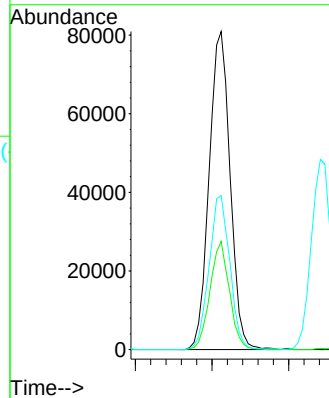
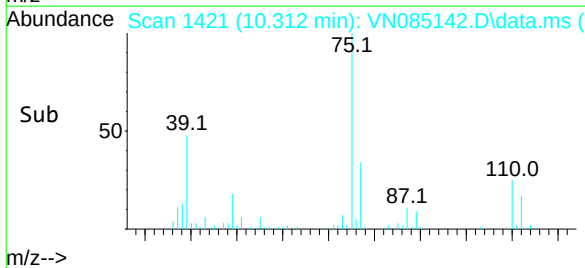
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

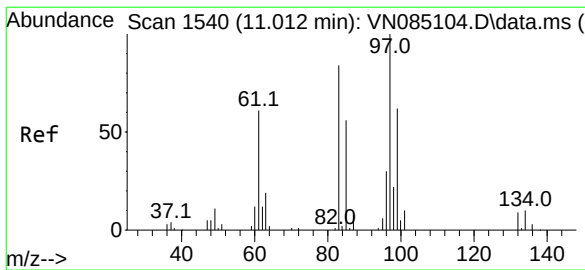


#54
cis-1,3-Dichloropropene
Concen: 51.984 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32



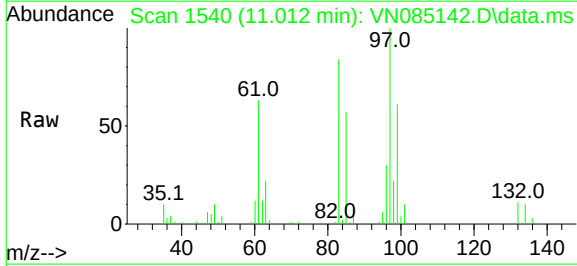
Tgt Ion: 75 Resp: 153615
Ion Ratio Lower Upper
75 100
77 34.0 25.0 37.4
39 48.4 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 54.241 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

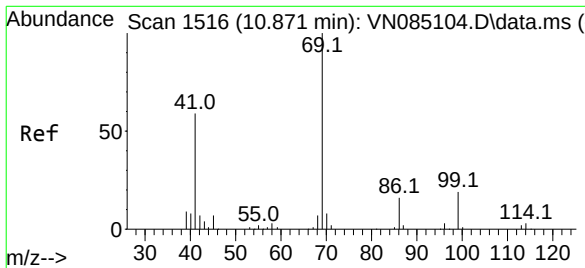
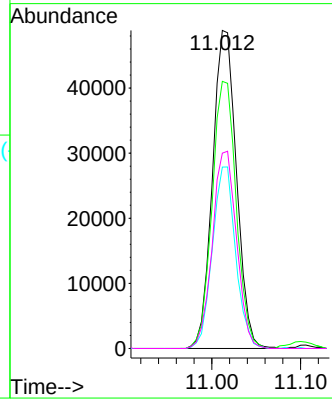
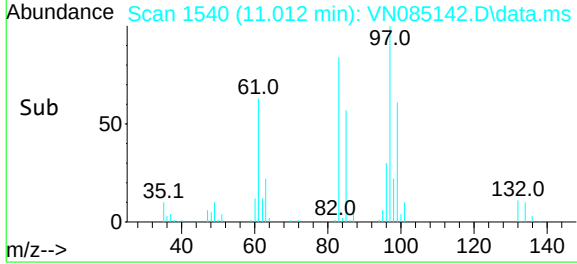
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



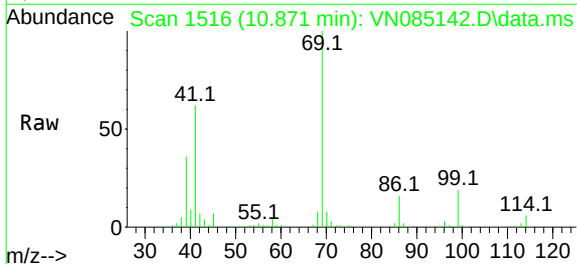
Tgt Ion:	97	Resp:	91610
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.4	101.2
85	57.0	43.1	64.7
99	61.4	50.9	76.3

Manual Integrations
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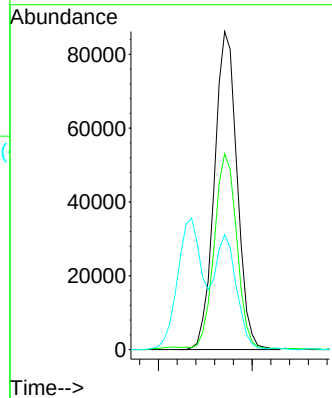
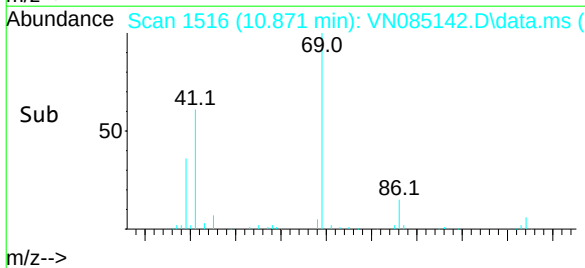
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

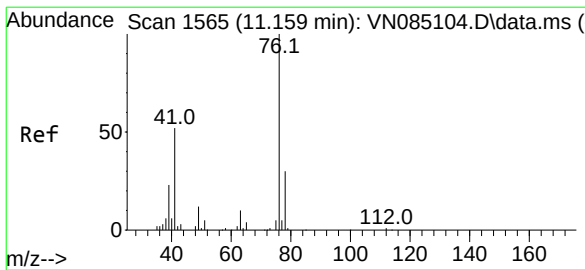


#56
Ethyl methacrylate
Concen: 58.759 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32



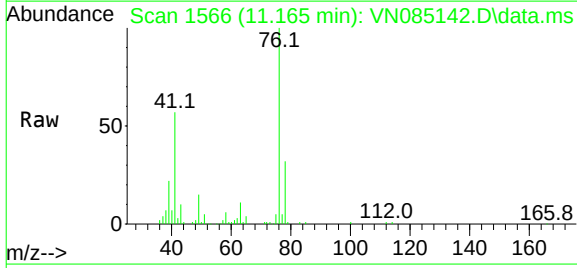
Tgt Ion:	69	Resp:	145017
Ion	Ratio	Lower	Upper
69	100		
41	60.6	50.0	75.0
39	33.6	27.0	40.6





#57
1,3-Dichloropropane
Concen: 52.074 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

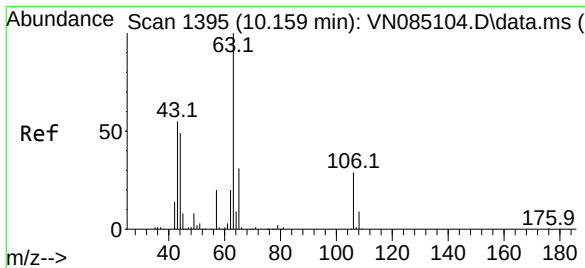
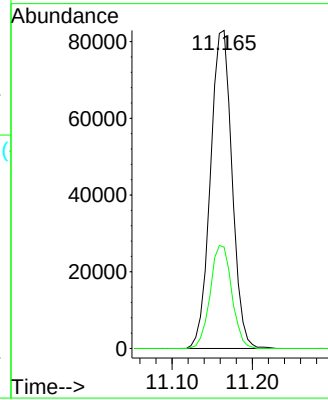
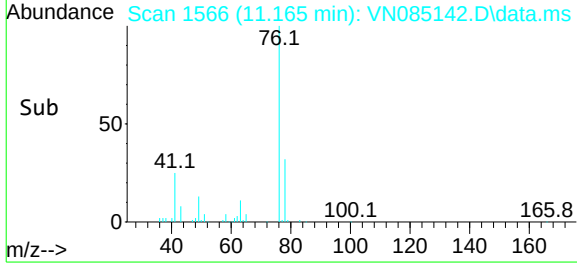
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 154792
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

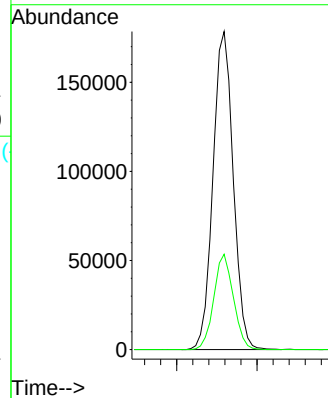
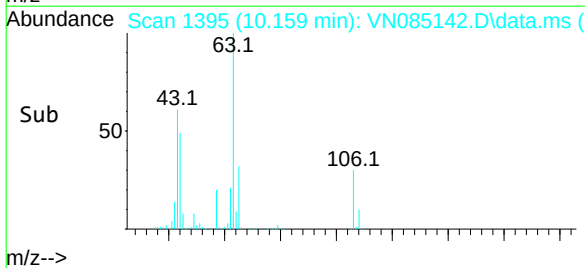
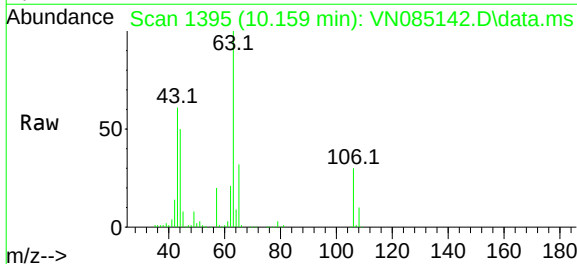
Manual Integrations
APPROVED

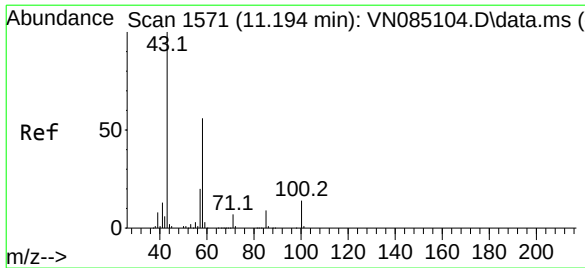
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#58
2-Chloroethyl Vinyl ether
Concen: 258.243 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 63 Resp: 312633
Ion Ratio Lower Upper
63 100
106 29.0 23.0 34.6





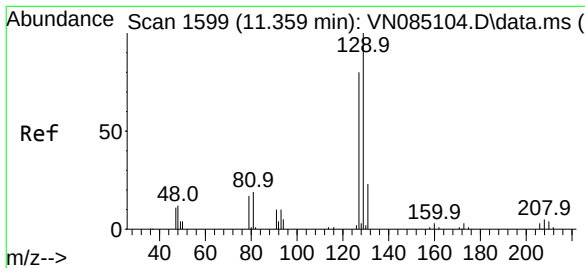
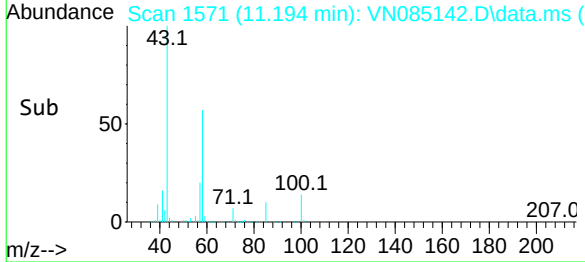
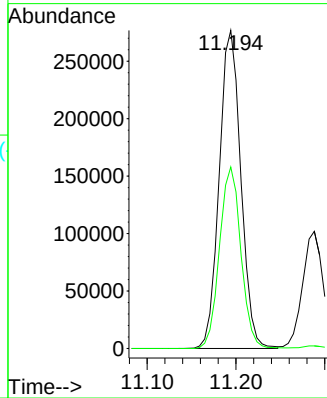
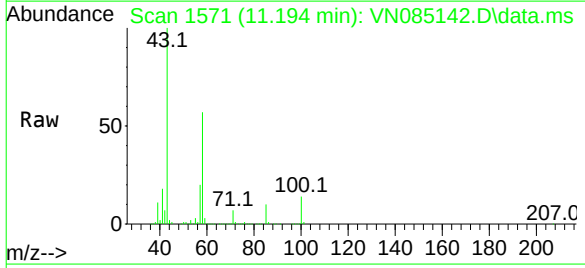
#59
2-Hexanone
Concen: 299.229 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 467460
Ion Ratio Lower Upper
43 100
58 56.5 28.3 85.0

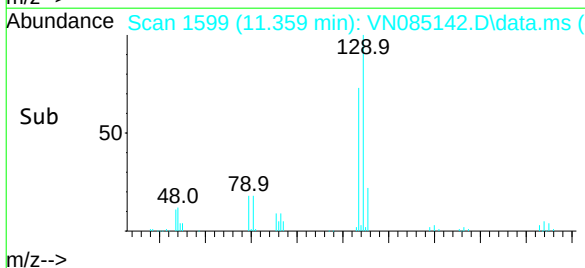
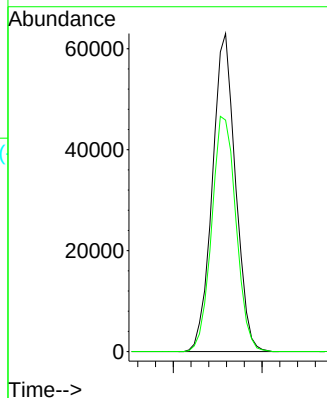
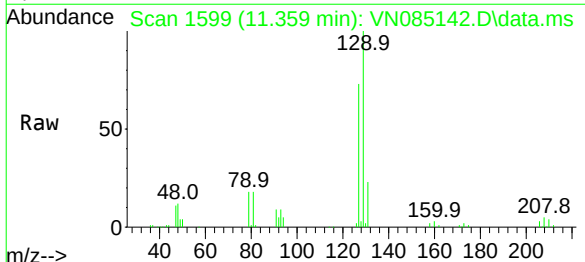
Manual Integrations
APPROVED

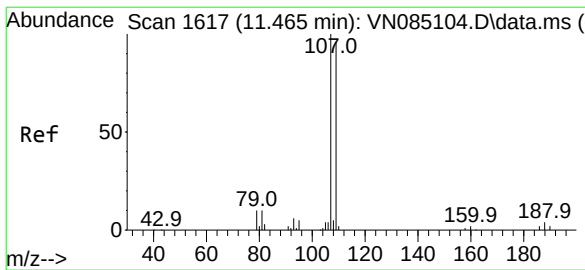
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#60
Dibromochloromethane
Concen: 55.238 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:129 Resp: 114019
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6





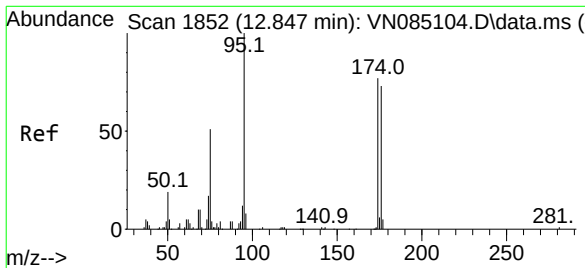
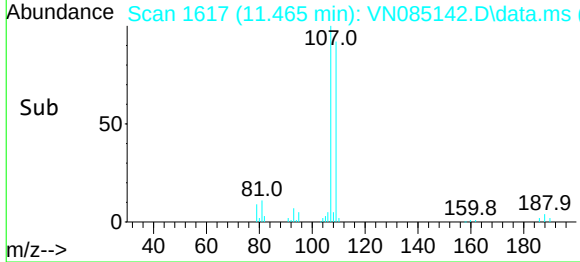
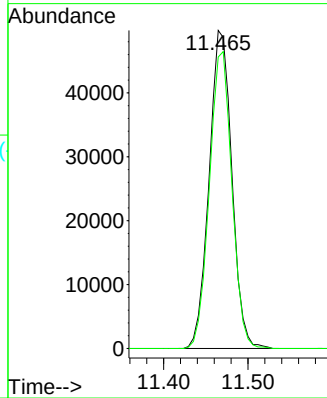
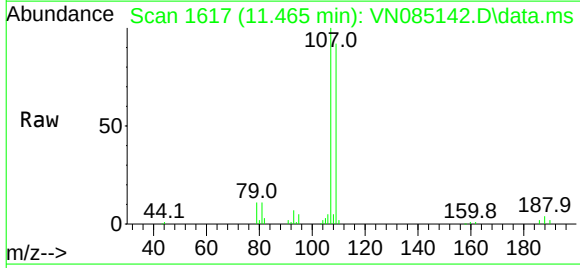
#61
1,2-Dibromoethane
Concen: 53.317 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 93195
Ion Ratio Lower Upper
107 100
109 92.3 76.1 114.1

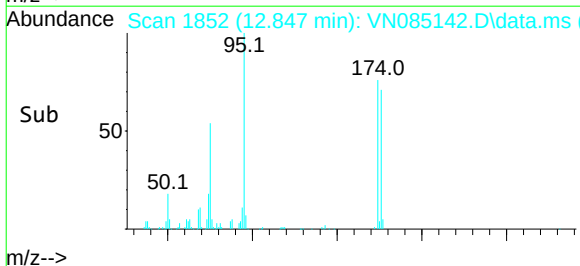
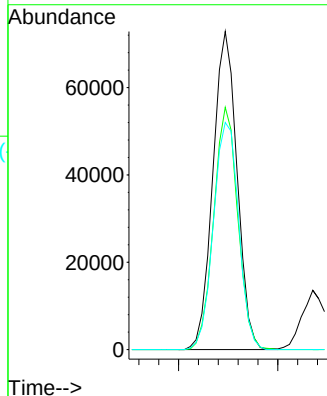
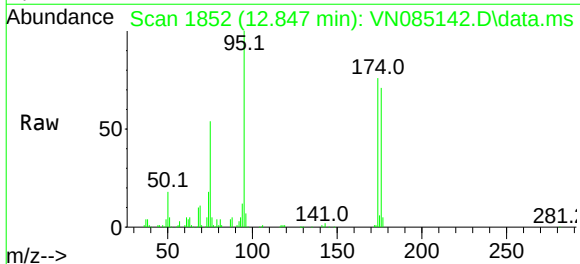
Manual Integrations
APPROVED

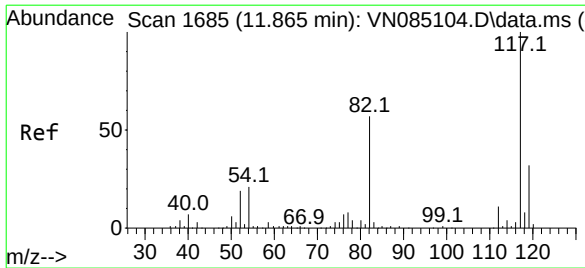
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#62
4-Bromofluorobenzene
Concen: 51.412 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 95 Resp: 123192
Ion Ratio Lower Upper
95 100
174 76.0 0.0 146.6
176 74.5 0.0 141.8





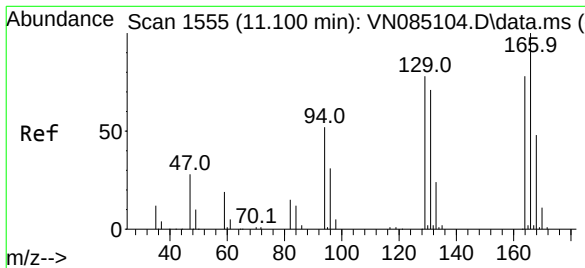
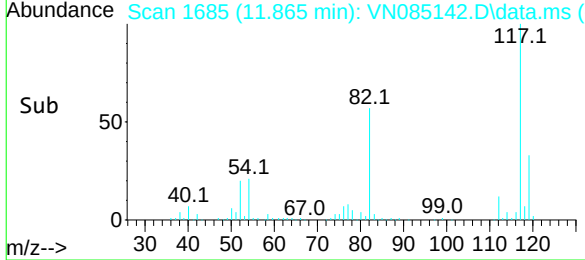
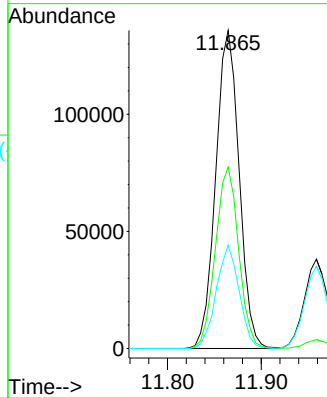
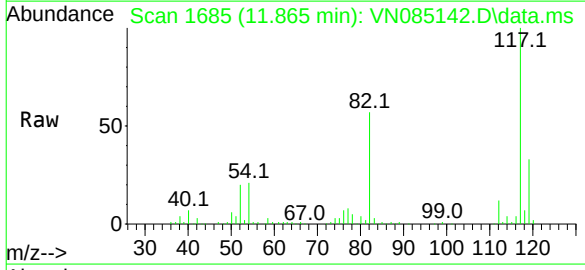
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	117	Resp:	235660
Ion	Ratio	Lower	Upper
117	100		
82	57.1	46.0	69.0
119	32.6	25.6	38.4

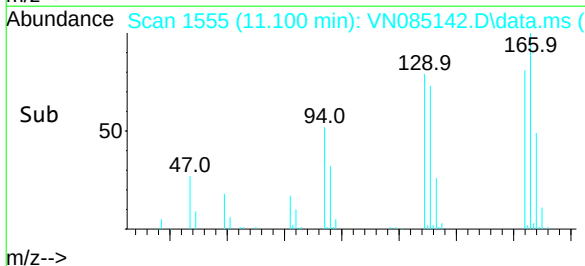
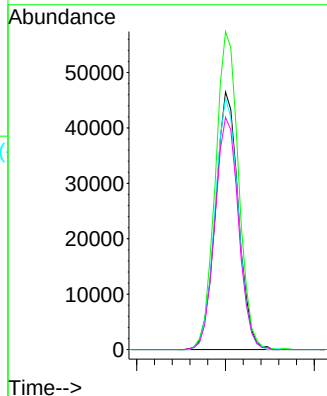
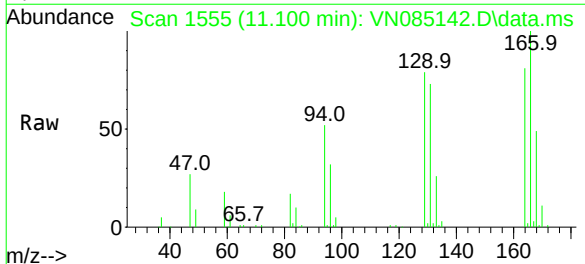
Manual Integrations
APPROVED

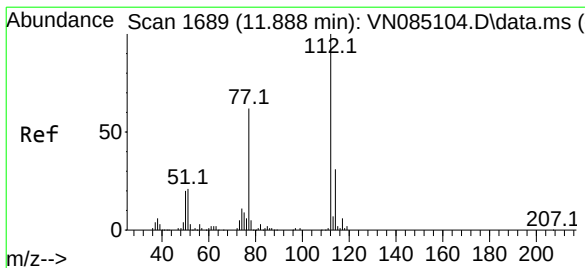
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#64
Tetrachloroethene
Concen: 52.620 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:	164	Resp:	83557
Ion	Ratio	Lower	Upper
164	100		
166	123.5	100.6	151.0
129	97.8	77.7	116.5
131	90.1	77.2	115.8





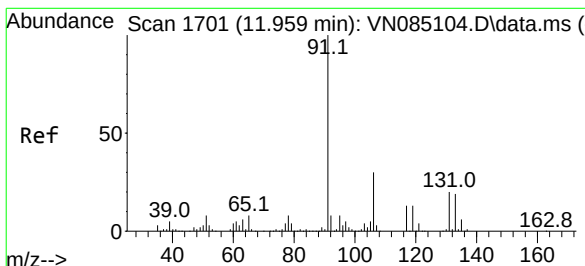
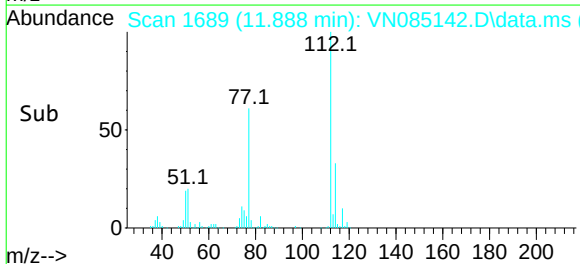
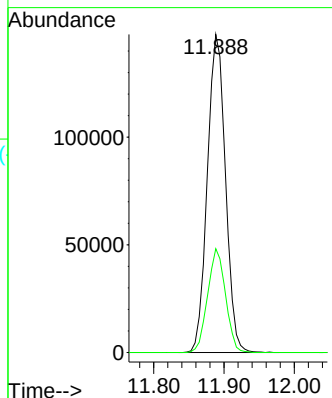
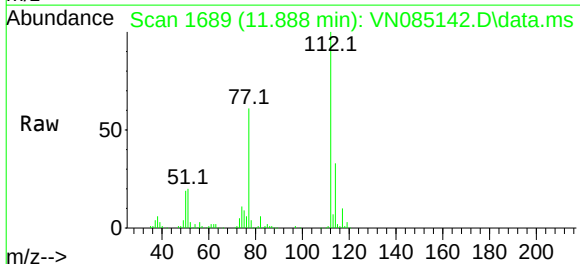
#65
Chlorobenzene
Concen: 49.550 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 264819
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

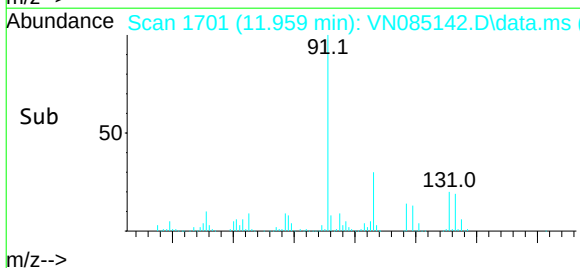
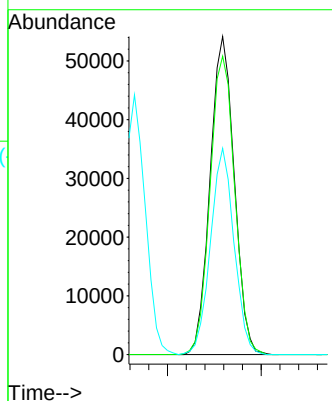
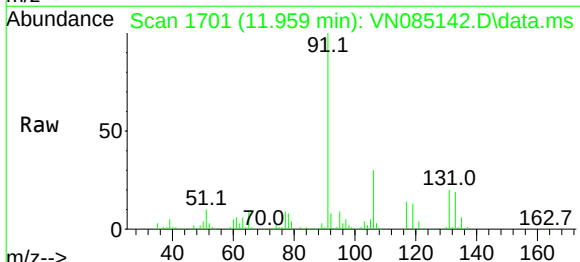
Manual Integrations
APPROVED

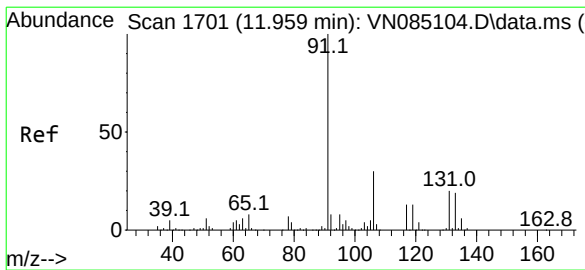
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.493 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:131 Resp: 96896
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.4
119 63.3 32.1 96.3





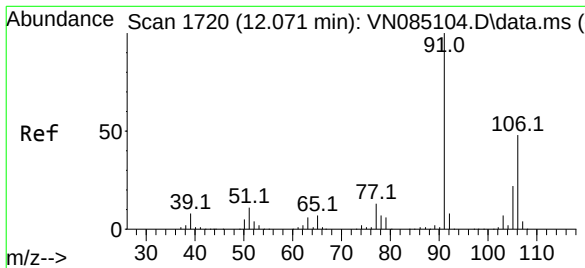
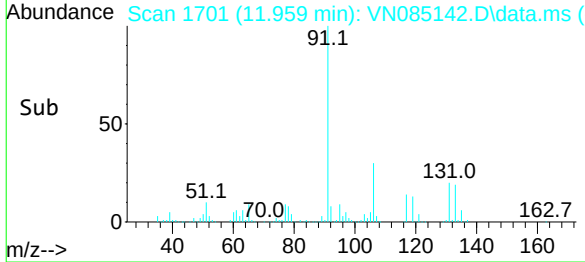
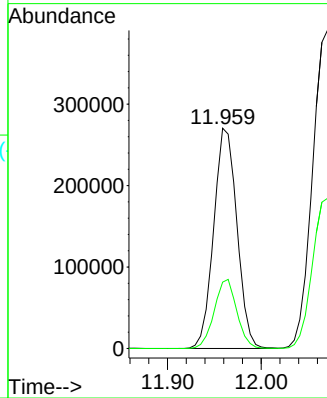
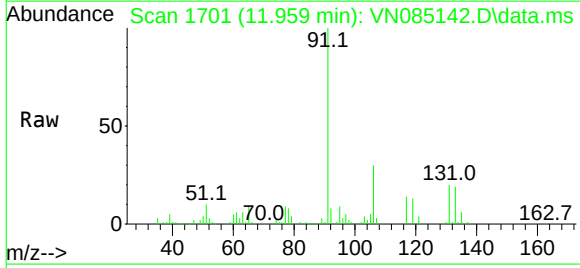
#67
Ethyl Benzene
Concen: 53.779 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 466309
Ion Ratio Lower Upper
91 100
106 30.1 24.7 37.1

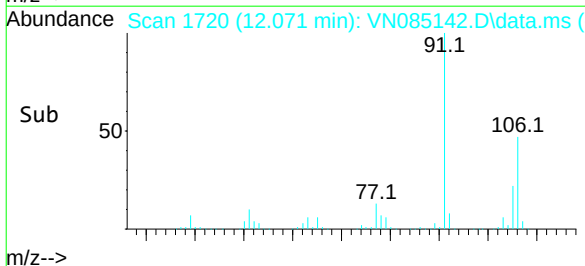
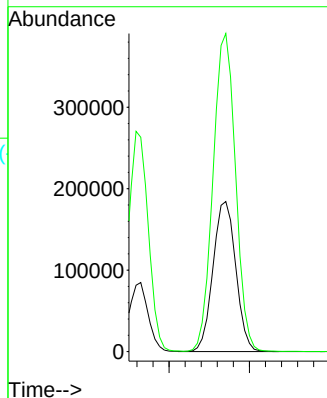
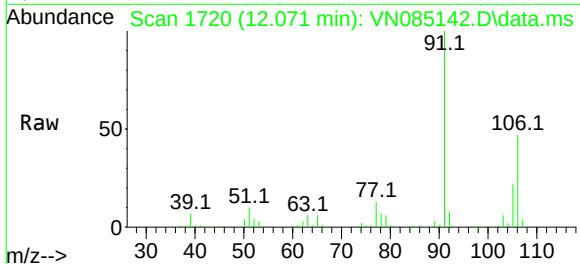
Manual Integrations
APPROVED

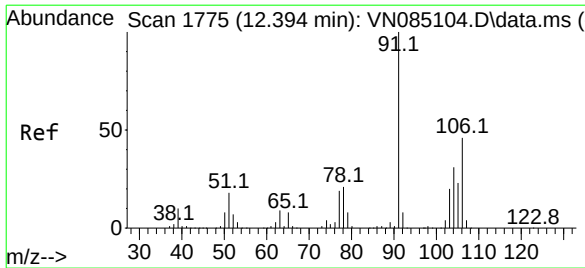
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#68
m/p-Xylenes
Concen: 109.841 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:106 Resp: 362598
Ion Ratio Lower Upper
106 100
91 209.6 168.0 252.0





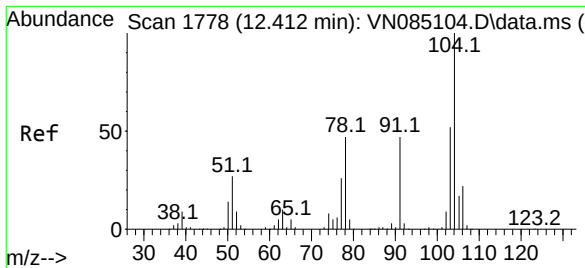
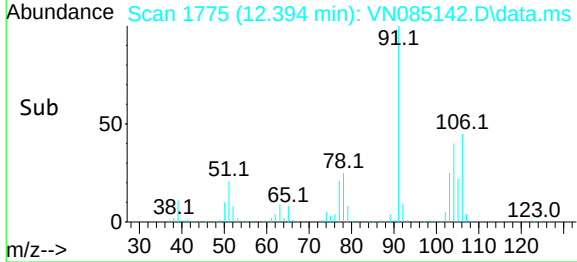
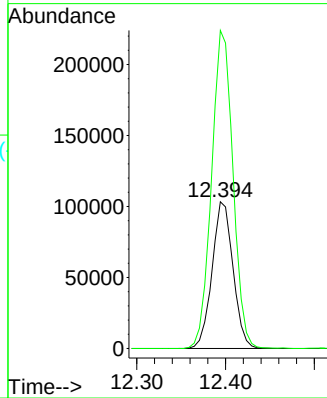
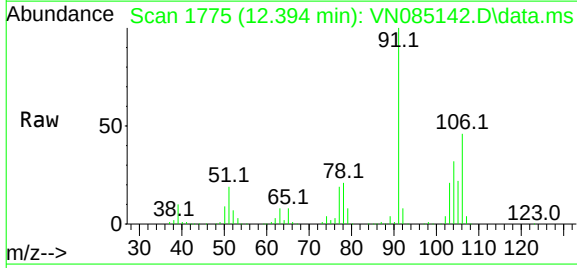
#69
o-Xylene
Concen: 53.945 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 169397
Ion Ratio Lower Upper
106 100
91 221.5 110.7 331.9

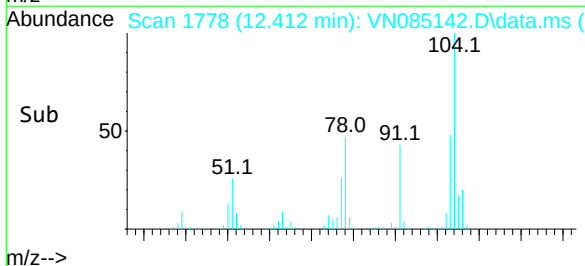
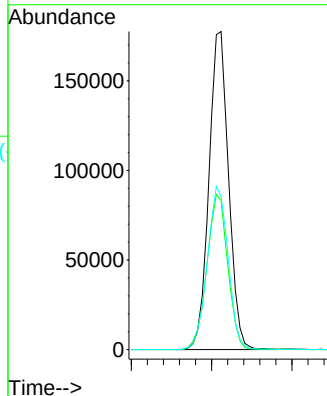
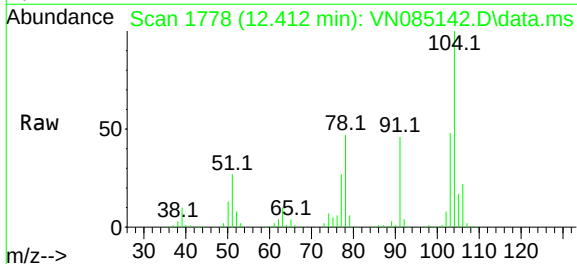
Manual Integrations
APPROVED

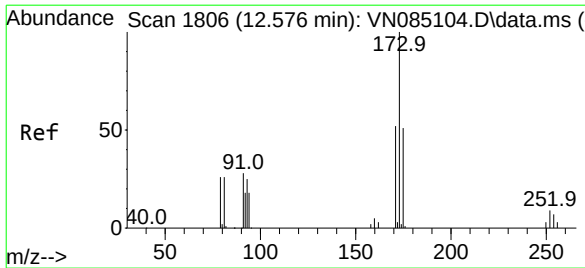
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#70
Styrene
Concen: 57.790 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:104 Resp: 301784
Ion Ratio Lower Upper
104 100
78 51.7 42.3 63.5
103 54.2 44.2 66.2





#71

Bromoform

Concen: 56.742 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

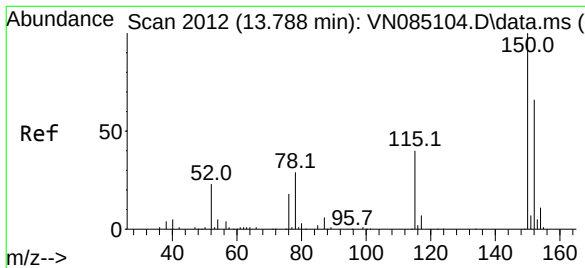
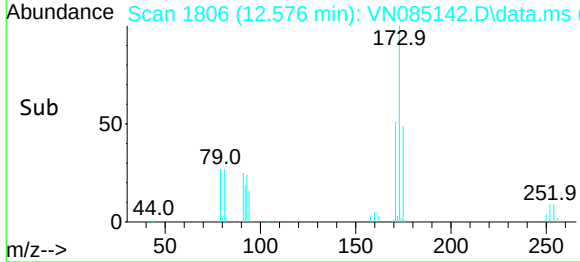
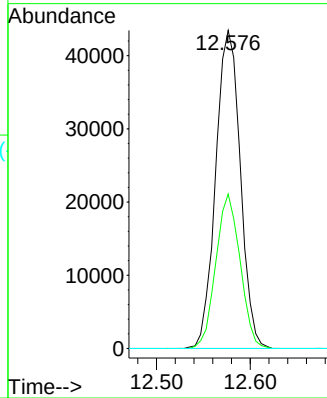
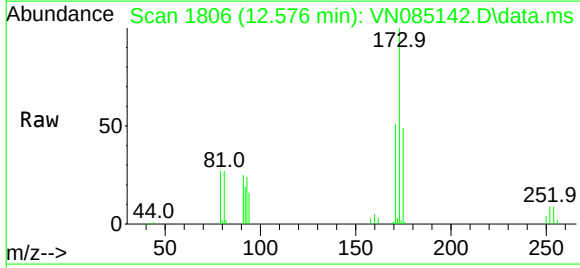
Tgt Ion:	173	Resp:	79256
Ion Ratio	Lower	Upper	
173	100		
175	47.7	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

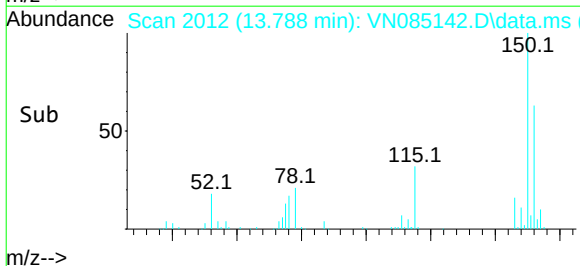
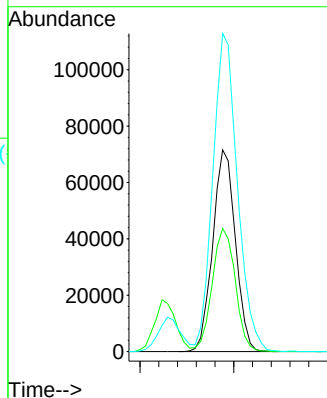
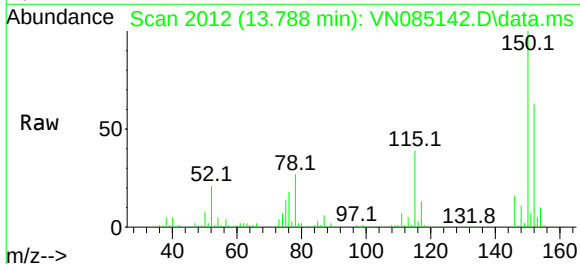
RT: 13.788 min Scan# 2012

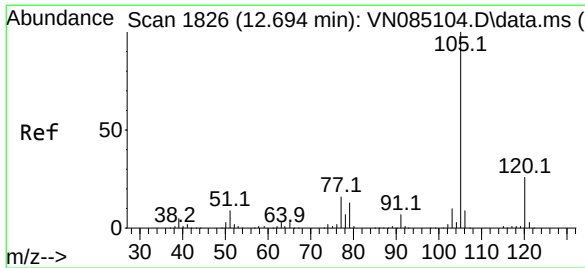
Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Tgt Ion:	152	Resp:	120023
Ion Ratio	Lower	Upper	
152	100		
115	62.3	31.7	95.1
150	171.3	0.0	351.4





#73

Isopropylbenzene

Concen: 52.158 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 441629

Ion Ratio Lower Upper

105 100

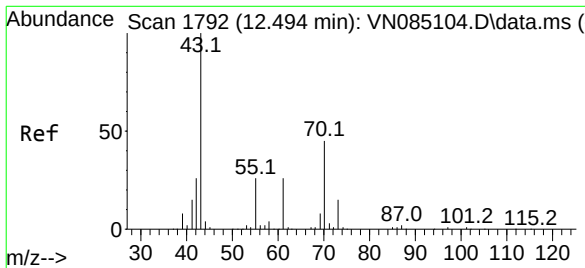
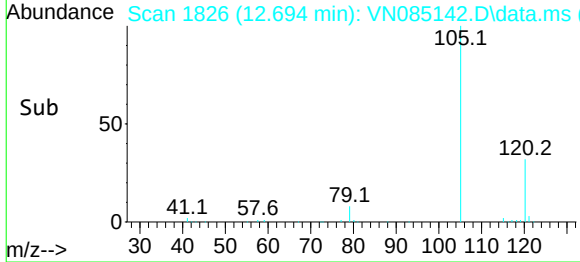
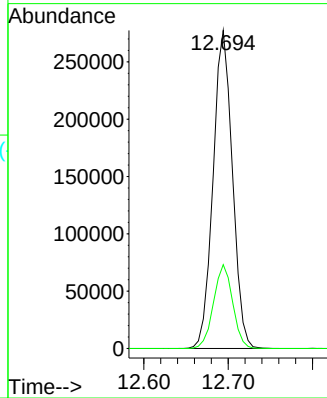
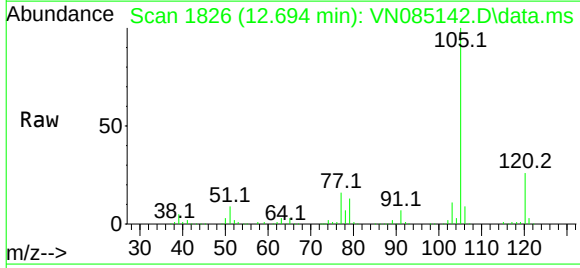
120 26.0 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#74

N-ethyl acetate

Concen: 50.480 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Tgt Ion: 43 Resp: 176132

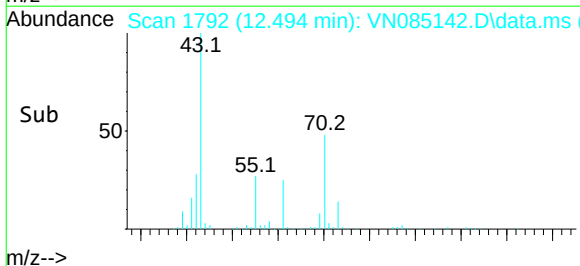
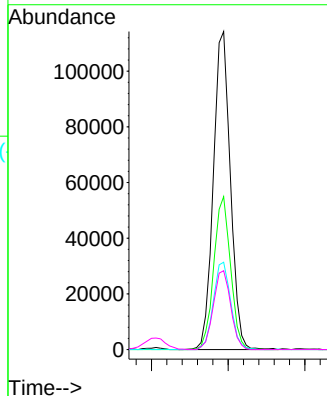
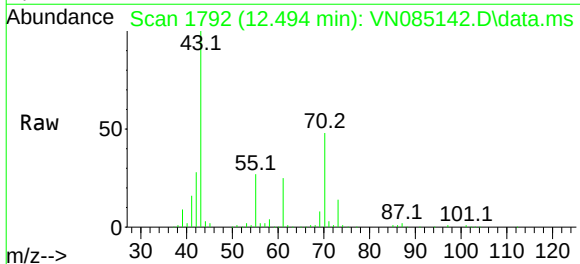
Ion Ratio Lower Upper

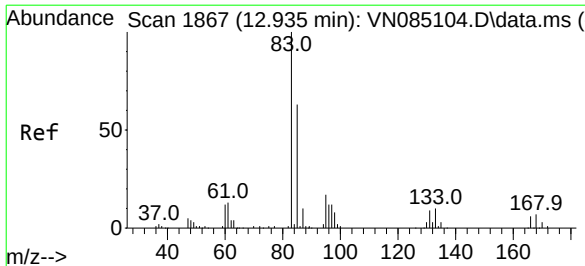
43 100

70 47.3 34.6 51.8

55 28.0 20.5 30.7

61 25.4 19.6 29.4





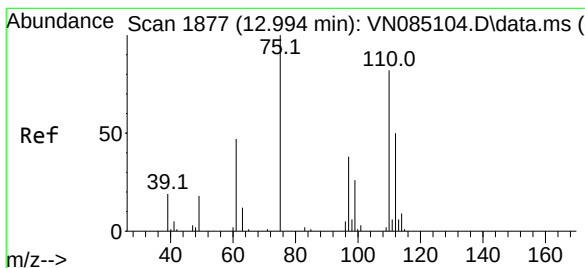
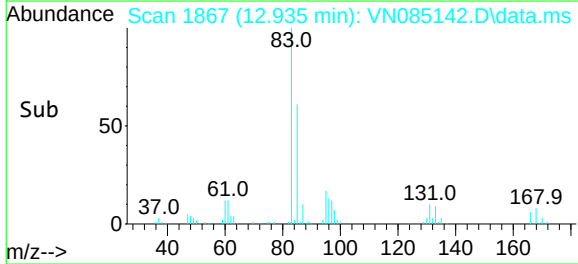
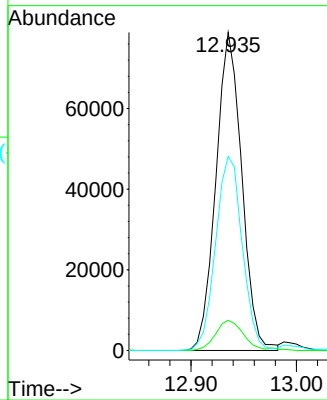
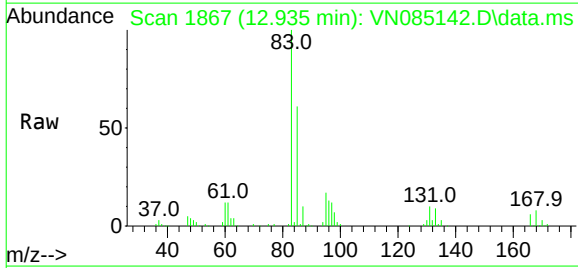
#75
1,1,2,2-Tetrachloroethane
Concen: 46.462 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	83	Resp:	134339
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.4
85	62.9	32.1	96.3

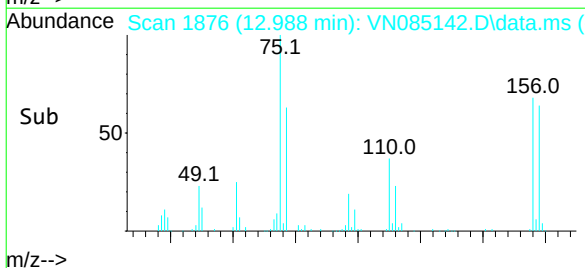
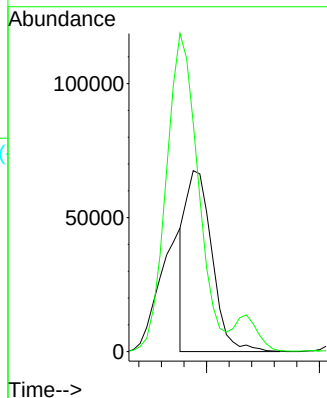
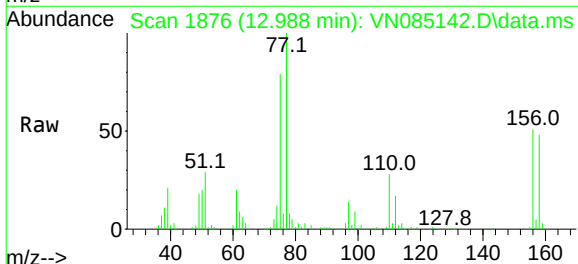
Manual Integrations
APPROVED

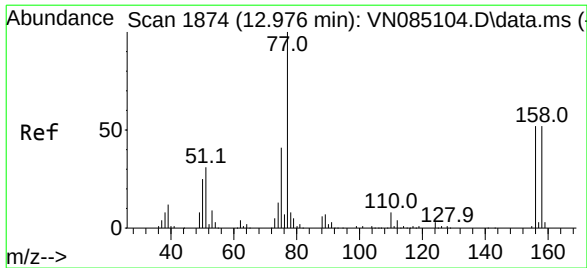
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#76
1,2,3-Trichloropropane
Concen: 50.213 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

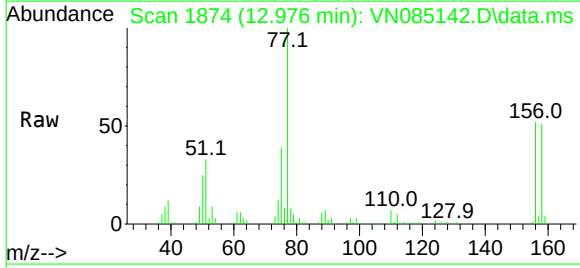
Tgt Ion:	75	Resp:	109621
Ion	Ratio	Lower	Upper
75	100		
77	212.9	109.1	327.4





#77
Bromobenzene
Concen: 48.098 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

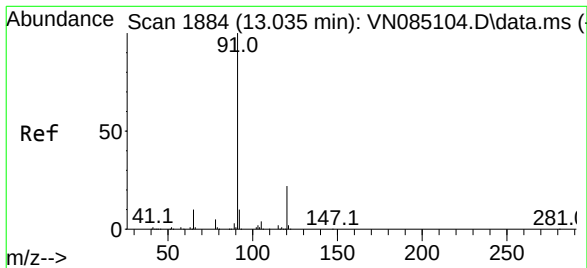
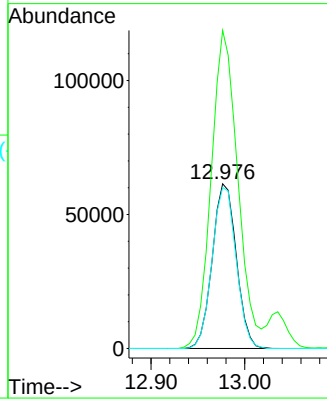
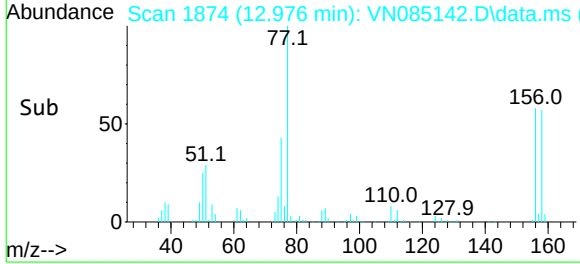
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 109596
Ion Ratio Lower Upper
156 100
77 213.0 107.2 321.6
158 97.8 48.5 145.6

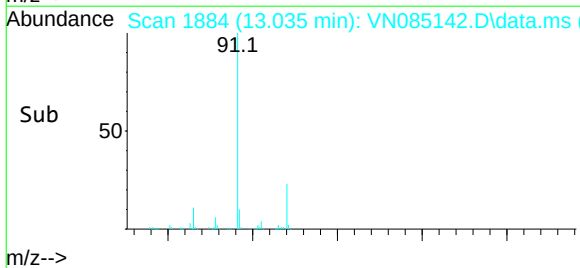
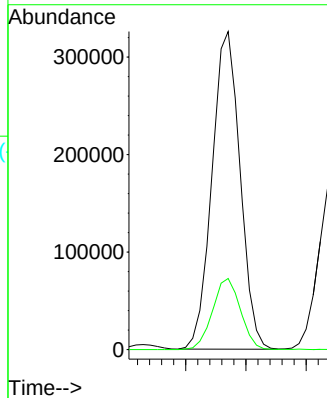
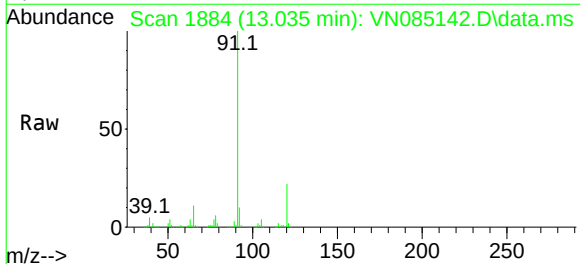
Manual Integrations
APPROVED

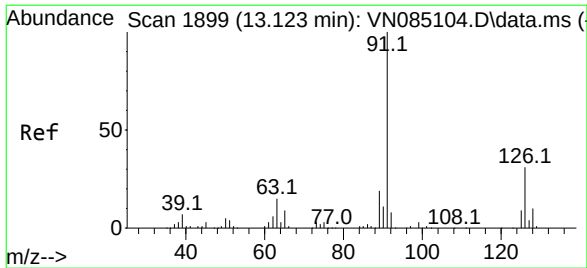
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#78
n-propylbenzene
Concen: 54.068 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 91 Resp: 528037
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.9





#79

2-Chlorotoluene

Concen: 48.981 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 319326

Ion Ratio Lower Upper

91 100

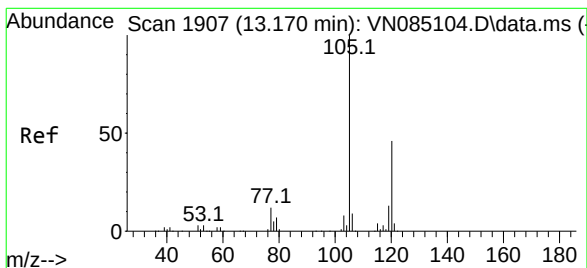
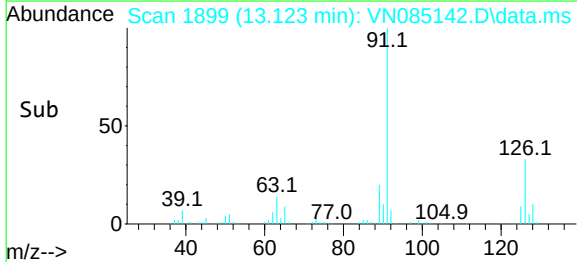
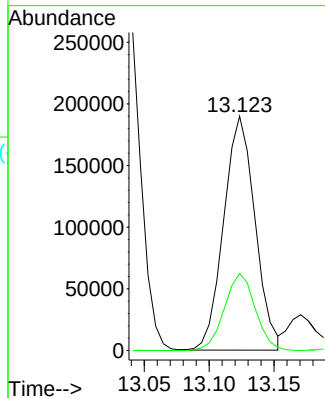
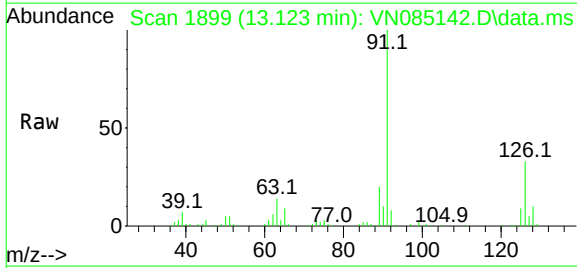
126 32.3 16.1 48.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#80

1,3,5-Trimethylbenzene

Concen: 54.491 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085142.D

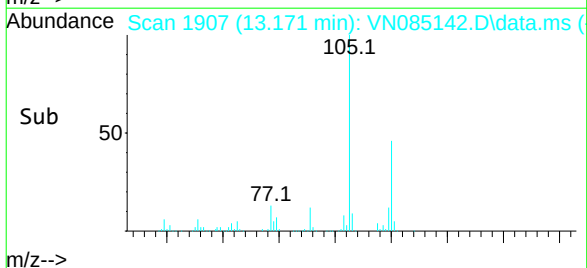
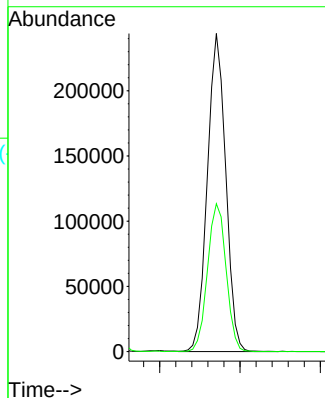
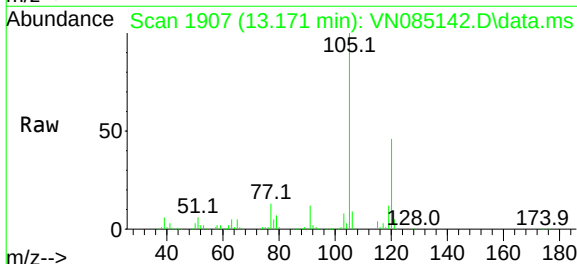
Acq: 09 Dec 2024 10:32

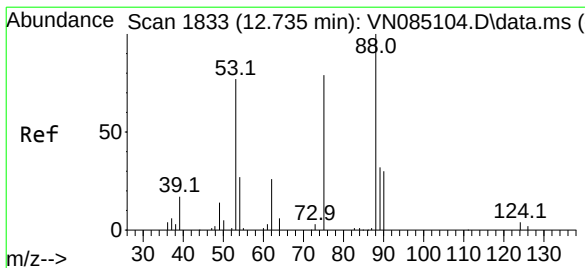
Tgt Ion:105 Resp: 387163

Ion Ratio Lower Upper

105 100

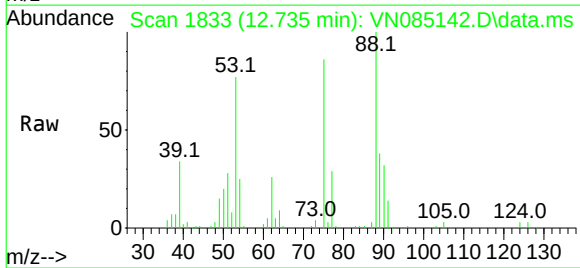
120 47.1 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.850 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

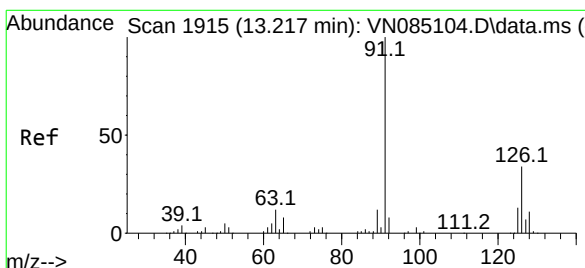
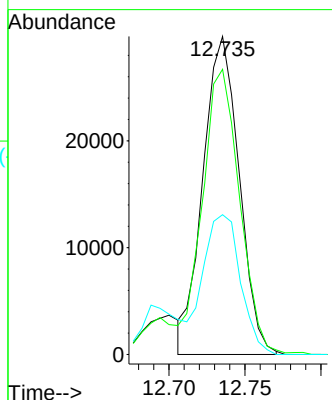
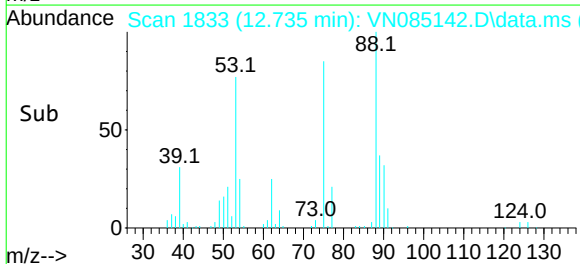
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 49298
Ion Ratio Lower Upper
75 100
53 92.4 78.2 117.4
89 45.0 37.9 56.9

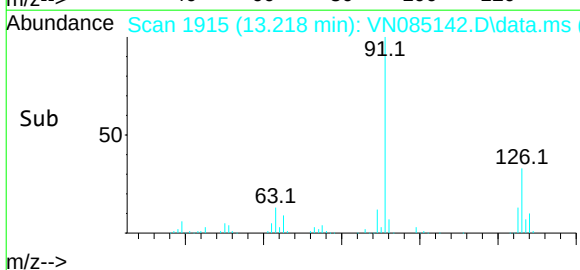
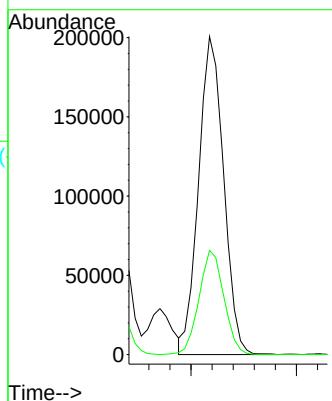
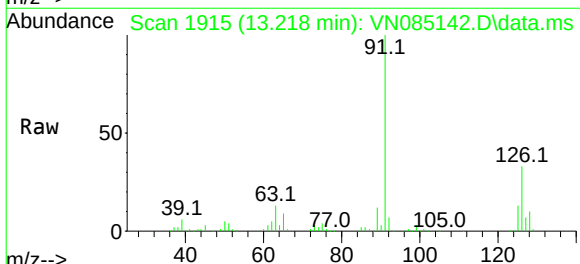
Manual Integrations
APPROVED

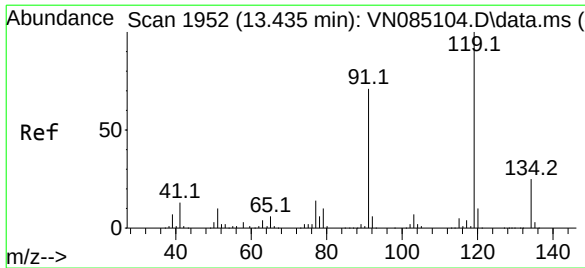
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#82
4-Chlorotoluene
Concen: 48.778 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 91 Resp: 331046
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.3





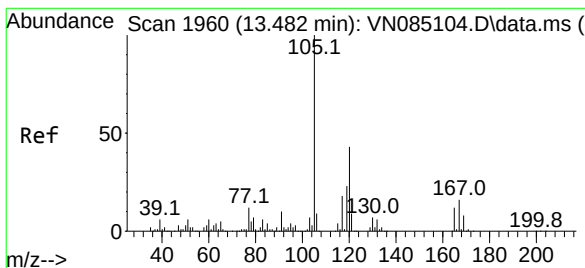
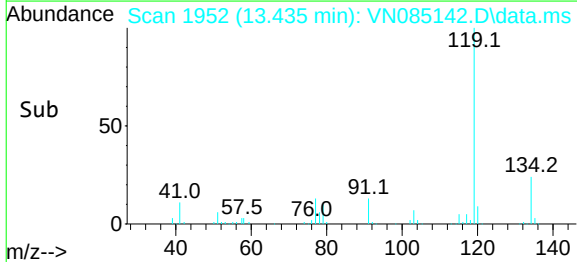
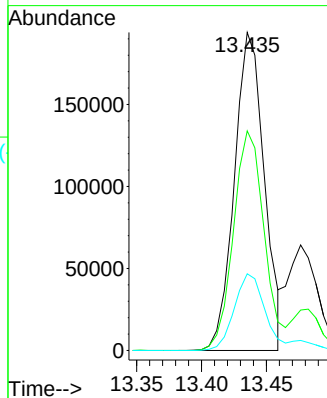
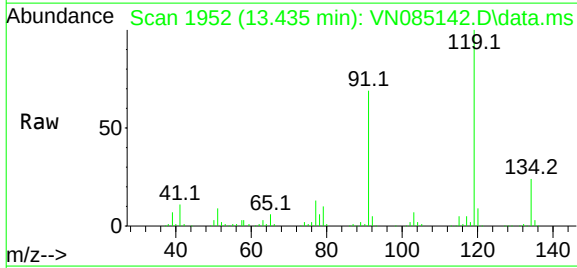
#83
tert-Butylbenzene
Concen: 50.852 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 310870
Ion Ratio Lower Upper
119 100
91 71.2 35.1 105.5
134 24.5 12.1 36.3

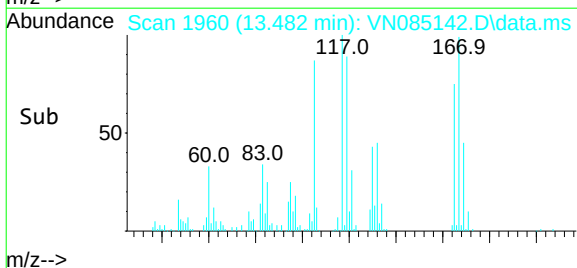
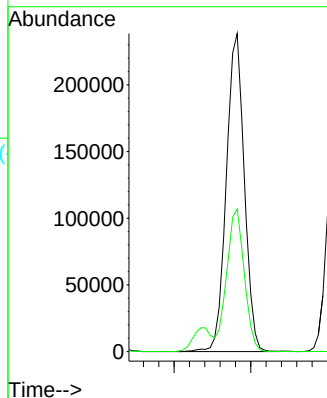
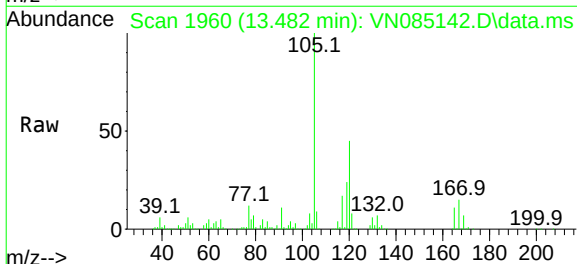
Manual Integrations
APPROVED

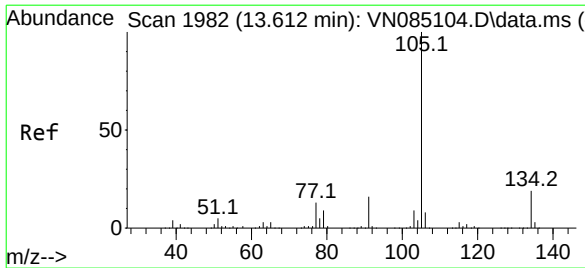
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#84
1,2,4-Trimethylbenzene
Concen: 53.047 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:105 Resp: 387968
Ion Ratio Lower Upper
105 100
120 43.9 21.8 65.4





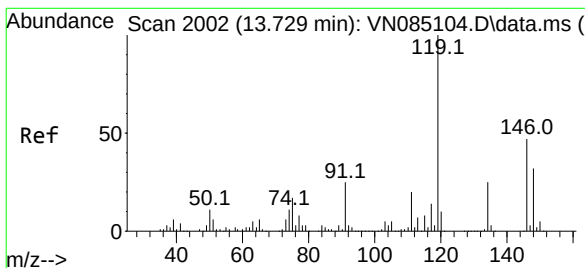
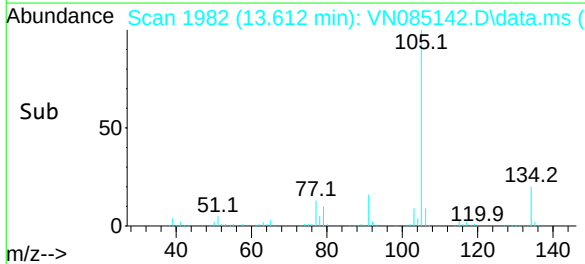
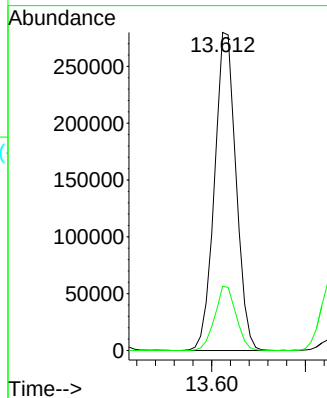
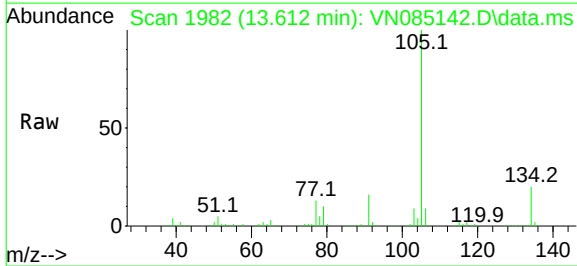
#85
sec-Butylbenzene
Concen: 54.132 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 447037
Ion Ratio Lower Upper
105 100
134 20.0 9.8 29.3

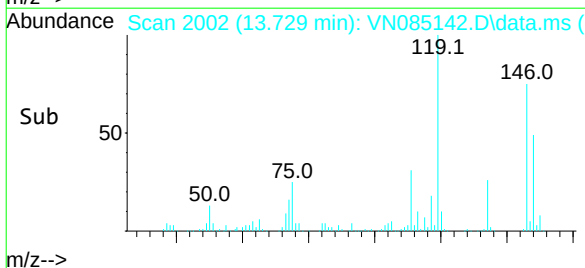
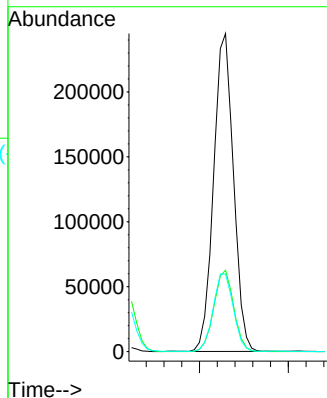
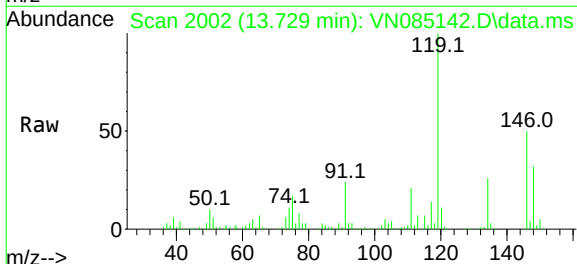
Manual Integrations
APPROVED

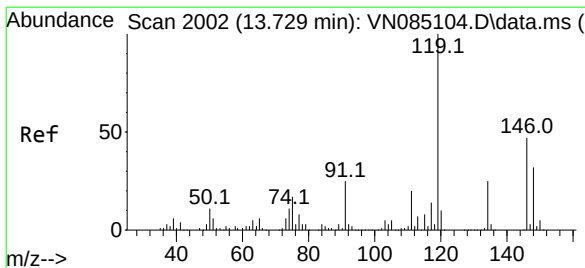
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#86
p-Isopropyltoluene
Concen: 55.734 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:119 Resp: 379947
Ion Ratio Lower Upper
119 100
134 25.5 13.0 39.0
91 24.9 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 45.047 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085142.D

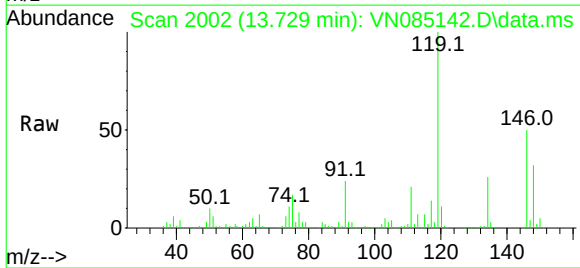
Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



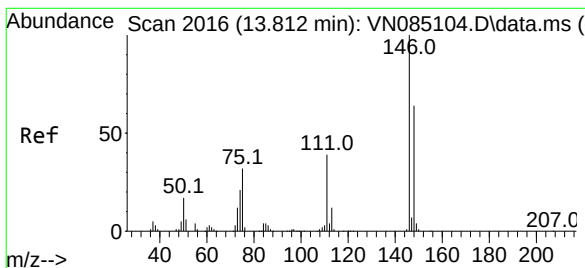
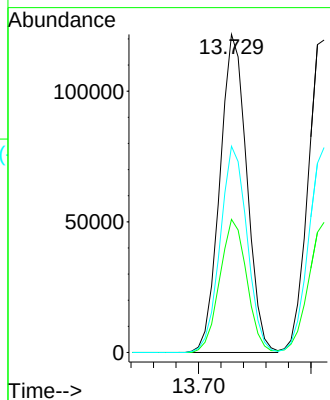
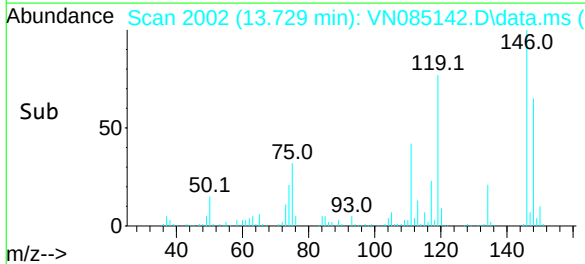
Tgt Ion:	146	Resp:	202457
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.6	65.0
148	64.8	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#88

1,4-Dichlorobenzene

Concen: 44.203 ug/l

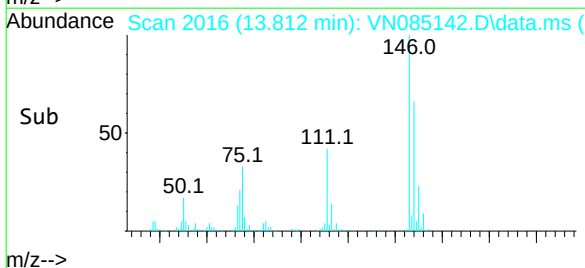
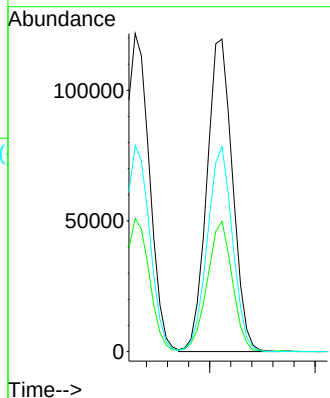
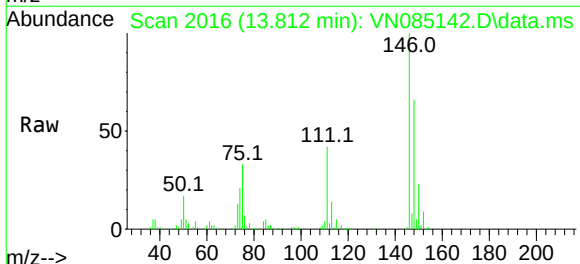
RT: 13.812 min Scan# 2016

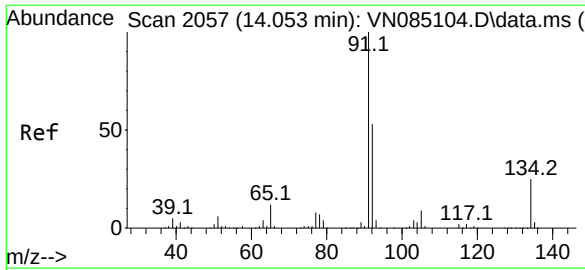
Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Tgt Ion:	146	Resp:	202736
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.9	62.8
148	64.1	31.3	93.9





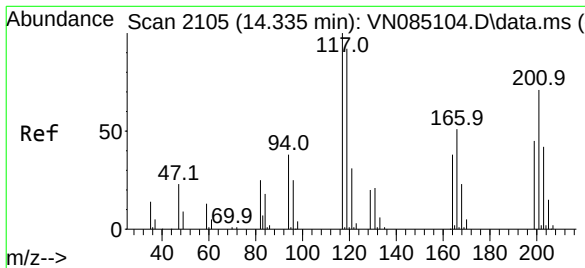
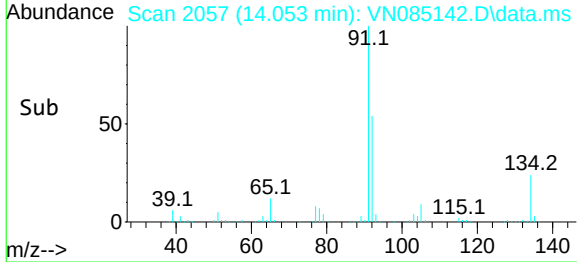
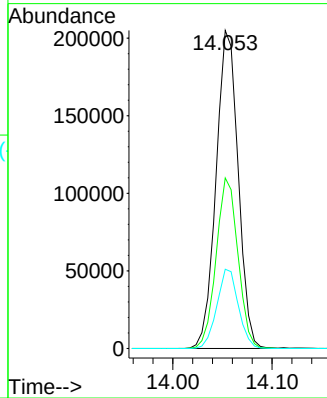
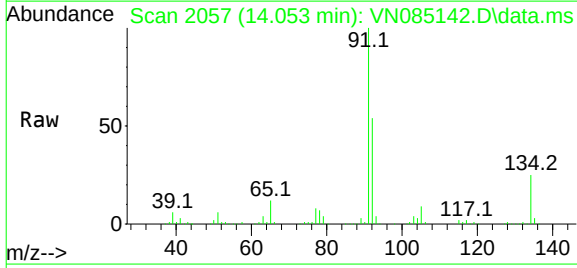
#89
n-Butylbenzene
Concen: 50.053 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	91	Resp:	317319
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.8	80.3
134	24.3	12.8	38.4

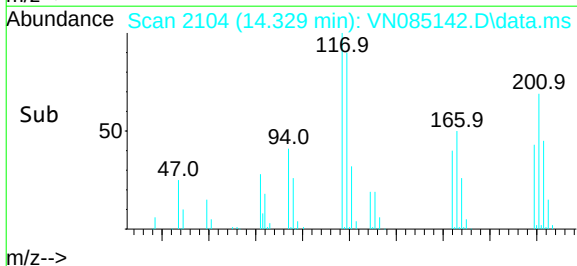
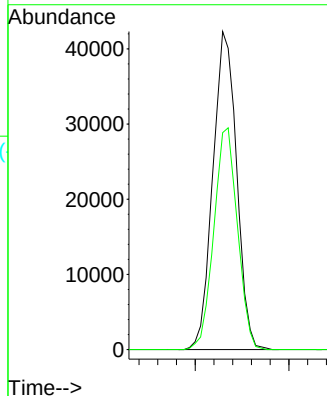
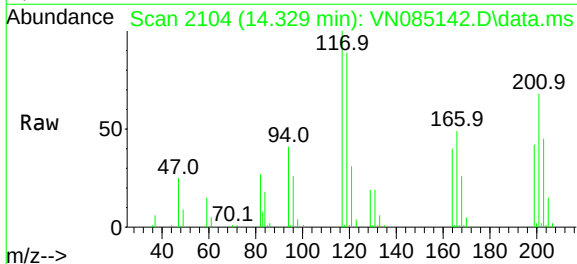
Manual Integrations
APPROVED

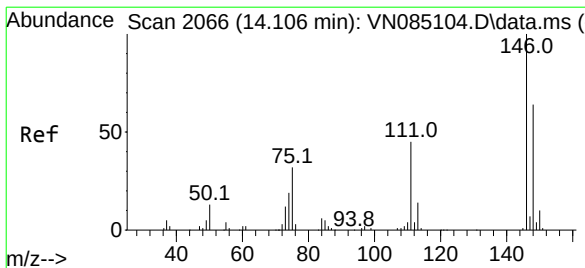
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#90
Hexachloroethane
Concen: 50.159 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:	117	Resp:	74535
Ion	Ratio	Lower	Upper
117	100		
201	69.3	35.2	105.6





#91

1,2-Dichlorobenzene

Concen: 44.283 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

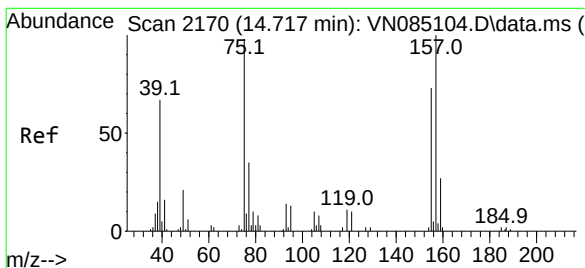
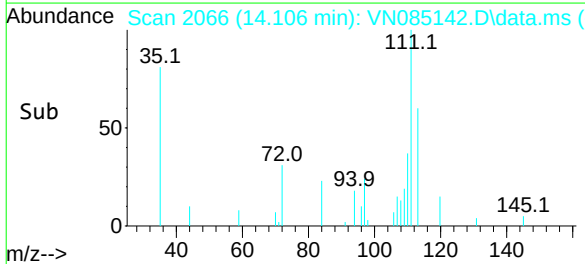
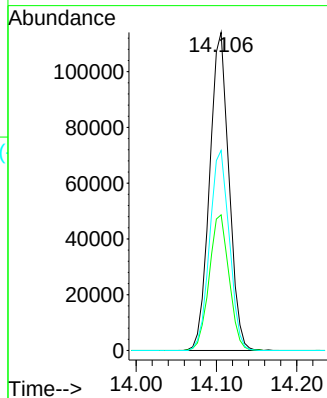
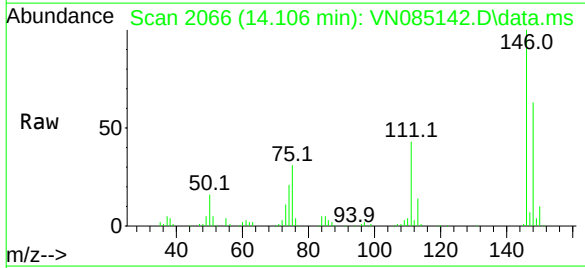
Tgt Ion:	146	Resp:	190711
Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.8
148	63.9	31.1	93.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.961 ug/l

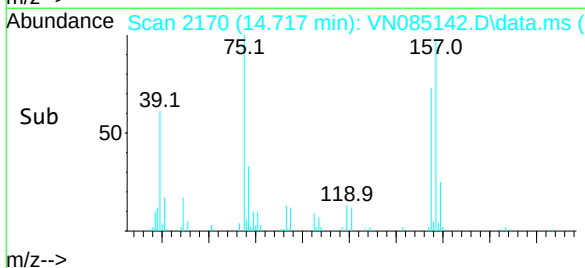
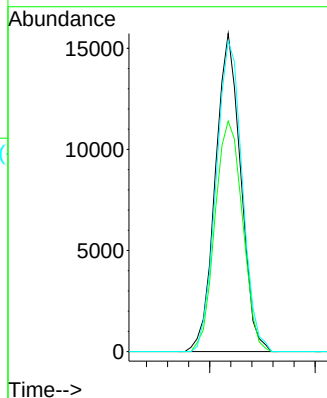
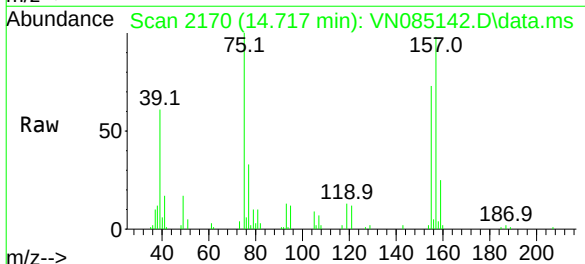
RT: 14.717 min Scan# 2170

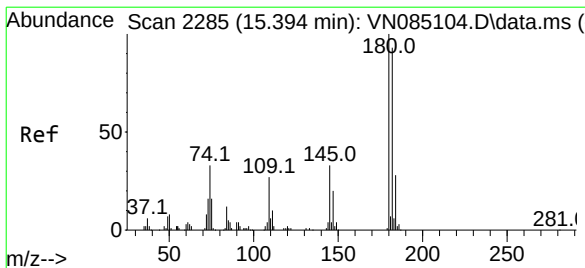
Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Tgt Ion:	75	Resp:	26256
Ion	Ratio	Lower	Upper
75	100		
155	78.7	38.9	116.7
157	100.4	48.3	144.9





#93

1,2,4-Trichlorobenzene

Concen: 42.133 ug/l

RT: 15.388 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

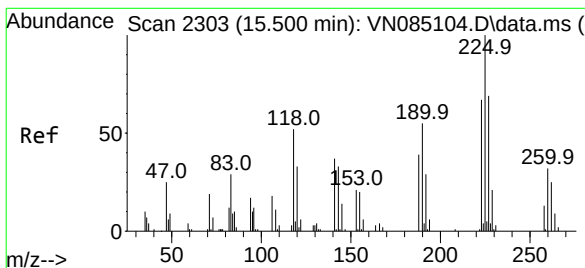
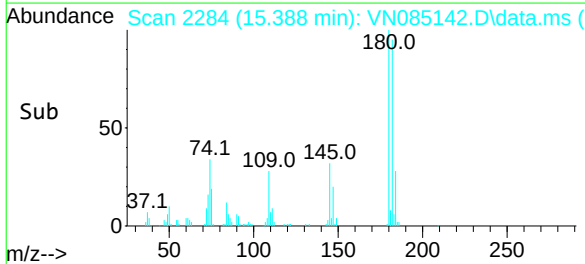
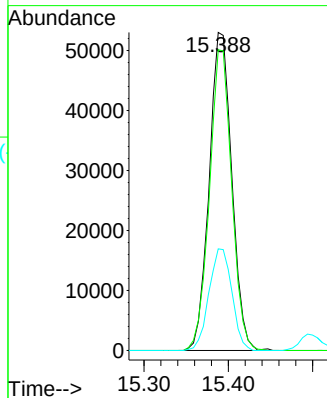
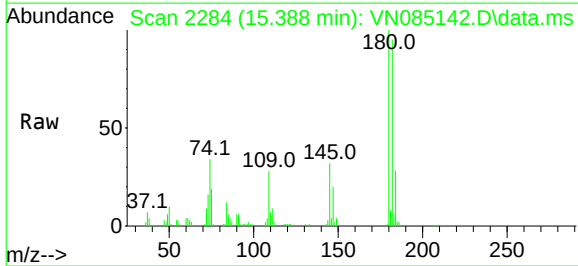
Tgt Ion:	180	Resp:	98579
Ion Ratio	Lower	Upper	
180	100		
182	93.3	46.9	140.8
145	32.4	16.3	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#94

Hexachlorobutadiene

Concen: 43.472 ug/l

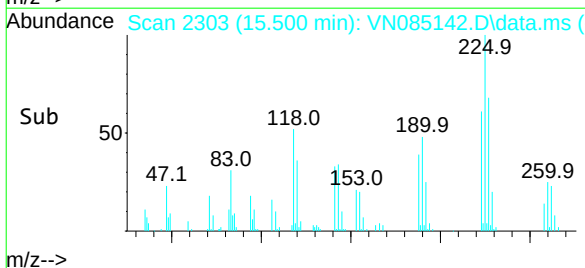
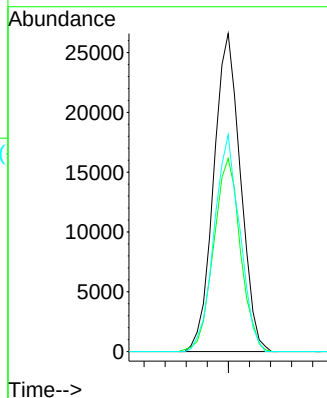
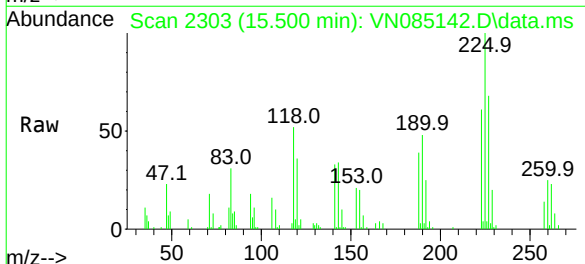
RT: 15.500 min Scan# 2303

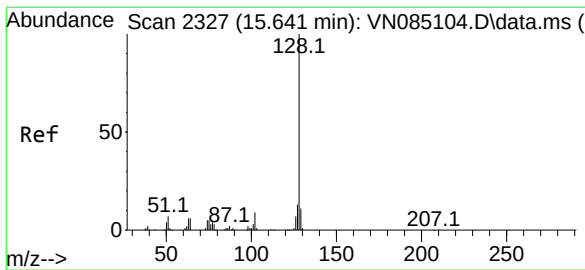
Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Tgt Ion:	225	Resp:	46941
Ion Ratio	Lower	Upper	
225	100		
223	60.7	30.9	92.8
227	65.5	31.5	94.5





#95

Naphthalene

Concen: 44.981 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

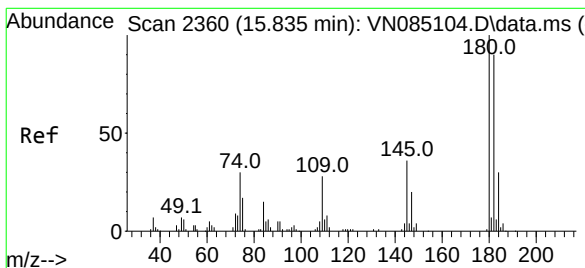
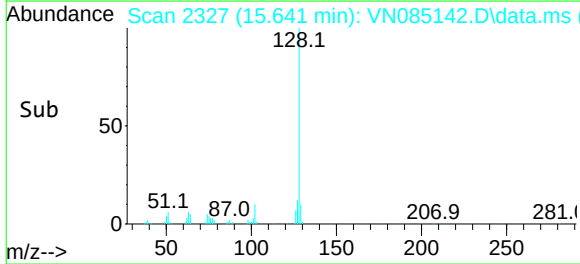
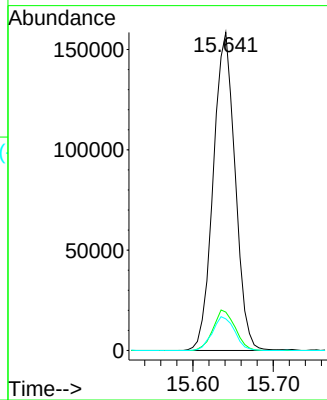
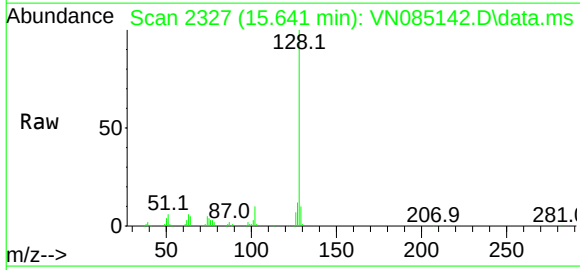
Tgt Ion:	128	Resp:	299742
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#96

1,2,3-Trichlorobenzene

Concen: 43.570 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Tgt Ion:	180	Resp:	97267
Ion	Ratio	Lower	Upper
180	100		
182	93.6	46.4	139.2
145	34.6	17.3	52.0

