

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085307.D
 Acq On : 23 Dec 2024 20:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 24 04:18:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	147108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	265702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103470	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	117276	45.611	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.220%
35) Dibromofluoromethane	8.159	113	90780	48.597	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.200%
50) Toluene-d8	10.565	98	347082	50.835	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.680%
62) 4-Bromofluorobenzene	12.847	95	116620	47.822	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.640%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	99889	42.624	ug/l	93
3) Chloromethane	2.359	50	104492	46.778	ug/l	99
4) Vinyl Chloride	2.512	62	117789	56.280	ug/l	98
5) Bromomethane	2.953	94	72370	52.712	ug/l	95
6) Chloroethane	3.118	64	77089	60.069	ug/l	93
7) Trichlorofluoromethane	3.500	101	151299	44.766	ug/l	97
8) Diethyl Ether	3.953	74	52507	49.462	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	81503	44.963	ug/l	98
10) Methyl Iodide	4.589	142	103868	50.255	ug/l #	94
11) Tert butyl alcohol	5.512	59	63764	178.528	ug/l	99
12) 1,1-Dichloroethene	4.342	96	81623	48.612	ug/l	90
13) Acrolein	4.177	56	100281	243.806	ug/l	96
14) Allyl chloride	5.018	41	122971	42.289	ug/l	97
15) Acrylonitrile	5.712	53	200652	206.260	ug/l	98
16) Acetone	4.418	43	165667	186.660	ug/l	97
17) Carbon Disulfide	4.712	76	233948	40.829	ug/l	100
18) Methyl Acetate	5.012	43	99561	39.624	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	274702	47.732	ug/l	99
20) Methylene Chloride	5.277	84	90299	46.511	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	83216	44.953	ug/l	89
22) Diisopropyl ether	6.665	45	283257	45.662	ug/l	98
23) Vinyl Acetate	6.594	43	1059930	221.126	ug/l	99
24) 1,1-Dichloroethane	6.565	63	164714	45.838	ug/l	99
25) 2-Butanone	7.477	43	261732	192.567	ug/l	98
26) 2,2-Dichloropropane	7.483	77	143150	43.022	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	100739	46.739	ug/l	95
28) Bromochloromethane	7.812	49	69853	38.546	ug/l	96
29) Tetrahydrofuran	7.835	42	177835	202.974	ug/l	97
30) Chloroform	7.959	83	166242	43.321	ug/l	97
31) Cyclohexane	8.253	56	143744	43.212	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	150345	43.958	ug/l	99
36) 1,1-Dichloropropene	8.365	75	120671	46.392	ug/l	99
37) Ethyl Acetate	7.553	43	114470	38.146	ug/l	97
38) Carbon Tetrachloride	8.359	117	133711	42.516	ug/l	94
39) Methylcyclohexane	9.594	83	135234	49.962	ug/l	93
40) Benzene	8.600	78	364607	45.058	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	62946	41.160	ug/l	99
42) 1,2-Dichloroethane	8.665	62	127394	41.331	ug/l	99
43) Isopropyl Acetate	8.682	43	198792	36.225	ug/l	96
44) Trichloroethene	9.347	130	82965	46.052	ug/l	97
45) 1,2-Dichloropropane	9.618	63	90382	45.110	ug/l	97
46) Dibromomethane	9.706	93	63218	44.200	ug/l	97
47) Bromodichloromethane	9.882	83	133825	43.671	ug/l	99
48) Methyl methacrylate	9.677	41	89956	39.988	ug/l	89
49) 1,4-Dioxane	9.688	88	27747	782.304	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	575286	199.514	ug/l	97
52) Toluene	10.629	92	225957	46.439	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	137342	45.980	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	148009	46.606	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	81870	44.937	ug/l	98
56) Ethyl methacrylate	10.871	69	135447	39.588	ug/l	95
57) 1,3-Dichloropropane	11.159	76	145362	45.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	316997	196.501	ug/l	98
59) 2-Hexanone	11.194	43	409350	199.157	ug/l	97
60) Dibromochloromethane	11.359	129	95975	44.449	ug/l	100
61) 1,2-Dibromoethane	11.465	107	82055	43.726	ug/l	99
64) Tetrachloroethene	11.100	164	71272	46.299	ug/l	97
65) Chlorobenzene	11.888	112	242847	47.226	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.953	131	83309	46.436	ug/l	99
67) Ethyl Benzene	11.959	91	437013	49.582	ug/l	98
68) m/p-Xylenes	12.065	106	328404	99.623	ug/l	99
69) o-Xylene	12.394	106	160414	51.771	ug/l	96
70) Styrene	12.406	104	266433	51.507	ug/l	99
71) Bromoform	12.576	173	59461	42.283	ug/l #	99
73) Isopropylbenzene	12.694	105	408048	54.668	ug/l	100
74) N-amyl acetate	12.488	43	177861	47.710	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	113769	42.779	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	102337m	41.493	ug/l	
77) Bromobenzene	12.976	156	89012	45.420	ug/l	99
78) n-propylbenzene	13.029	91	471269	51.482	ug/l	99
79) 2-Chlorotoluene	13.123	91	284228	48.903	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	330019	53.009	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	41708	44.903	ug/l	95
82) 4-Chlorotoluene	13.217	91	284446	48.363	ug/l	97
83) tert-Butylbenzene	13.435	119	286215	54.209	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	334166	52.510	ug/l	97
85) sec-Butylbenzene	13.612	105	401162	54.499	ug/l	100
86) p-Isopropyltoluene	13.723	119	332203	46.771	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	168522	46.695	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	165332	44.275	ug/l	98
89) n-Butylbenzene	14.053	91	287609	53.131	ug/l	99
90) Hexachloroethane	14.329	117	61565	45.529	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	158414	47.193	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	21606	42.364	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	79017	45.986	ug/l	99
94) Hexachlorobutadiene	15.494	225	33710	37.747	ug/l	94
95) Naphthalene	15.635	128	378416	66.502	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	74971	43.683	ug/l	99

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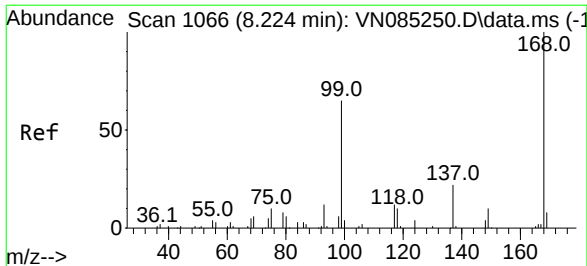
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/26/2024

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Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

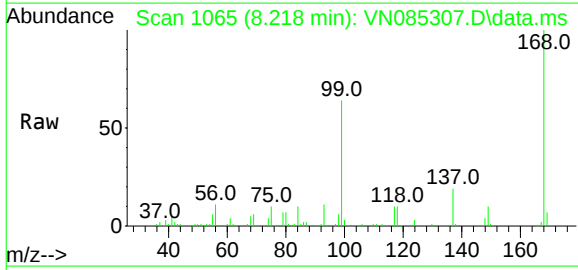
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085307.D
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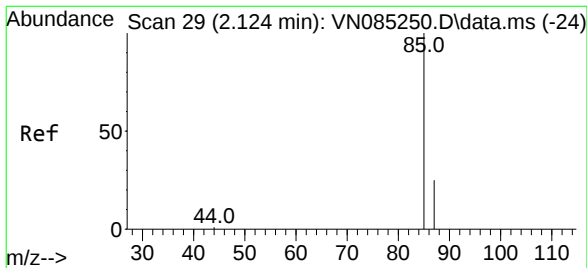
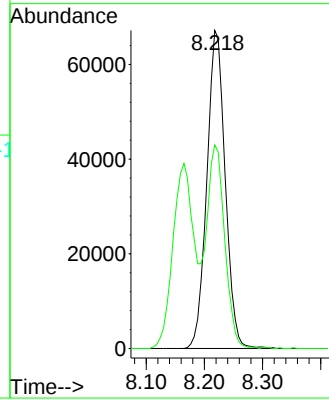
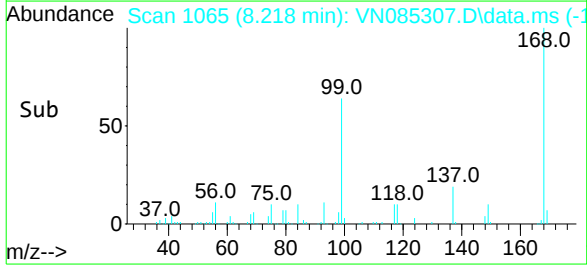
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 147108
Ion Ratio Lower Upper
168 100
99 63.8 50.7 76.1

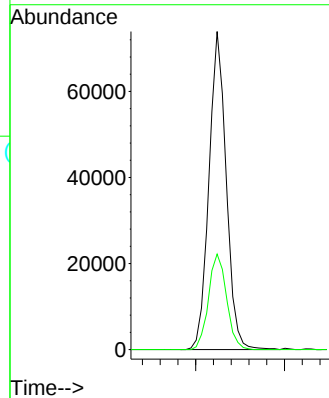
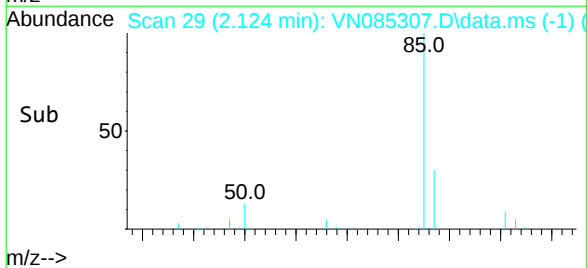
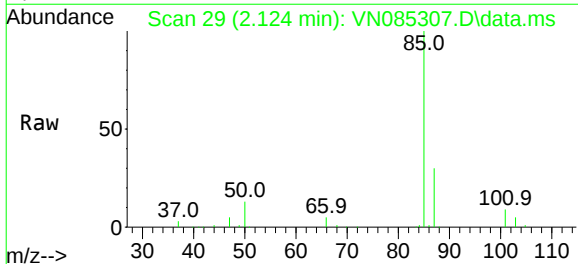
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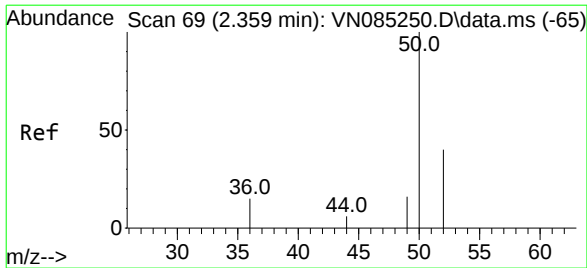
Reviewed By :John Carlone 12/26/2024
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#2
Dichlorodifluoromethane
Concen: 42.624 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

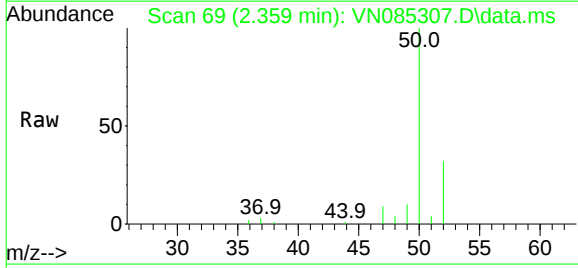
Tgt Ion: 85 Resp: 99889
Ion Ratio Lower Upper
85 100
87 30.0 17.1 51.3





#3
Chloromethane
Concen: 46.778 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

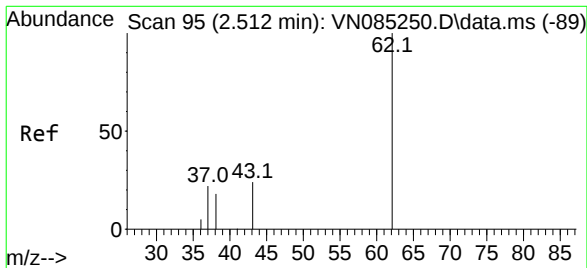
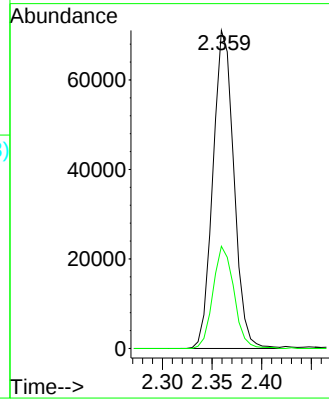
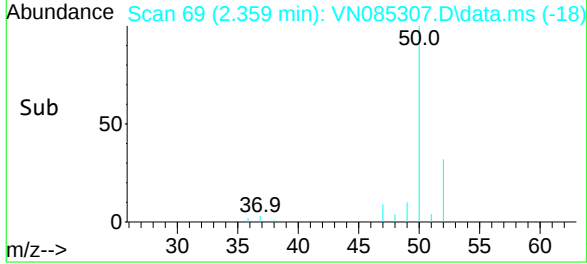
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Tgt Ion: 50 Resp: 104492
Ion Ratio Lower Upper
50 100
52 32.1 26.2 39.2

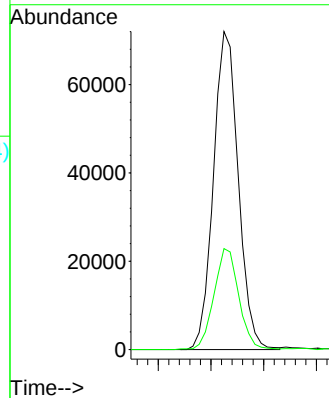
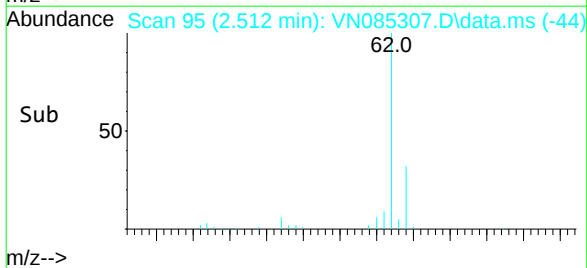
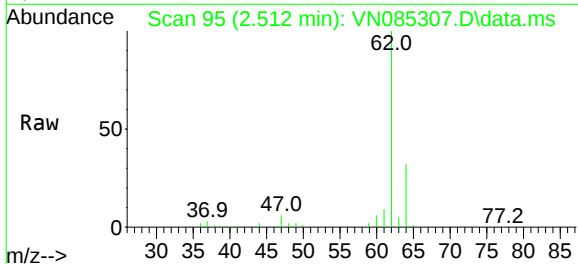
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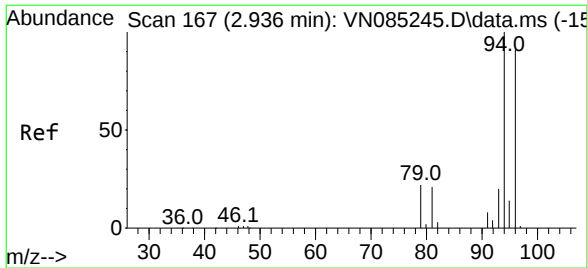
Reviewed By :John Carlone 12/26/2024
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#4
Vinyl Chloride
Concen: 56.280 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

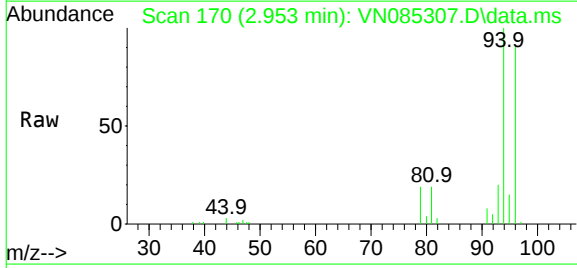
Tgt Ion: 62 Resp: 117789
Ion Ratio Lower Upper
62 100
64 31.5 24.5 36.7





#5
Bromomethane
Concen: 52.712 ug/l
RT: 2.953 min Scan# 17
Delta R.T. 0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

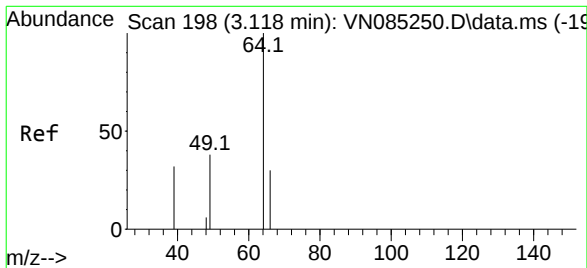
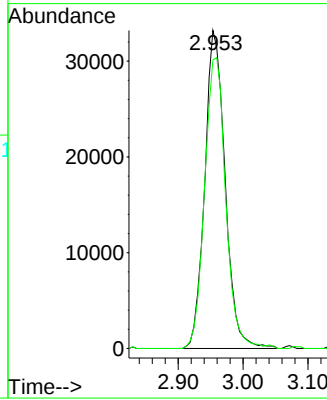
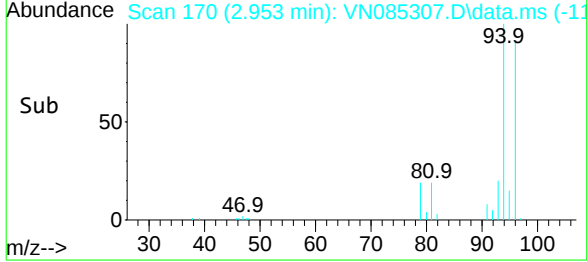
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Tgt Ion: 94 Resp: 72376
Ion Ratio Lower Upper
94 100
96 90.7 76.8 115.2

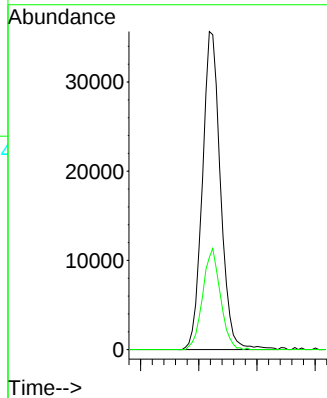
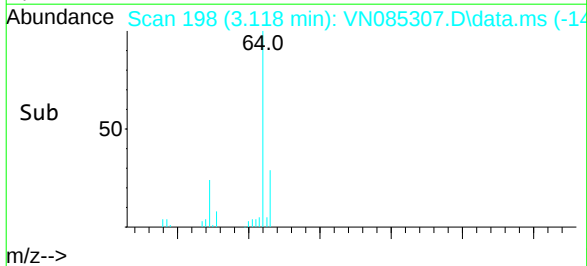
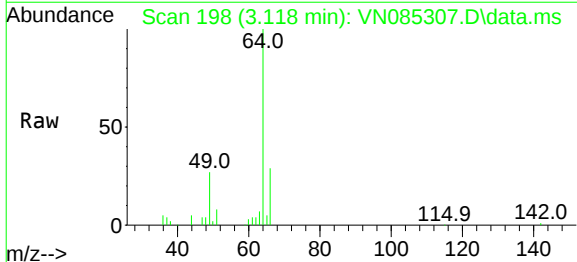
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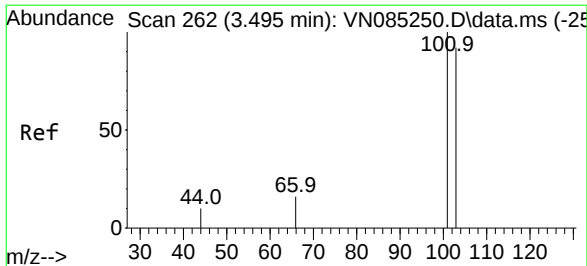
Reviewed By :John Carlone 12/26/2024
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#6
Chloroethane
Concen: 60.069 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

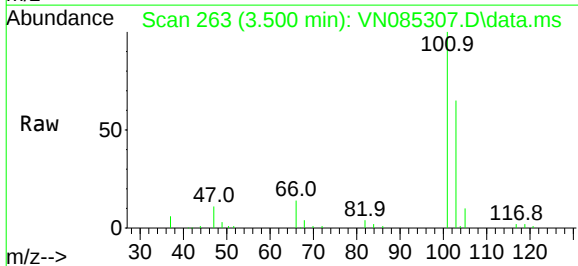
Tgt Ion: 64 Resp: 77089
Ion Ratio Lower Upper
64 100
66 29.0 26.3 39.5





#7
Trichlorofluoromethane
Concen: 44.766 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

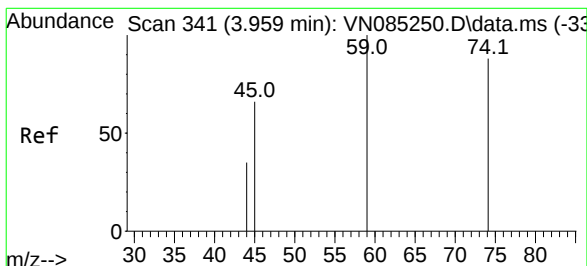
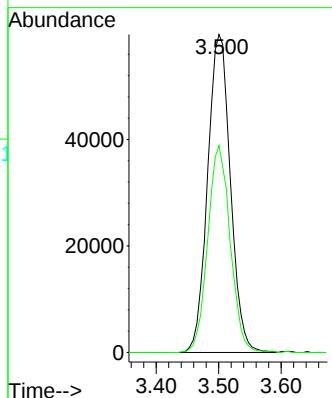
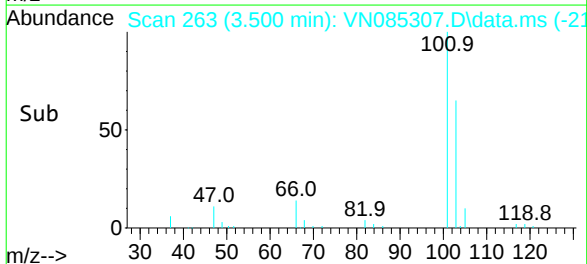
Instrument :
MSVOA_N
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Tgt Ion: 101 Resp: 151299
Ion Ratio Lower Upper
101 100
103 65.1 50.2 75.4

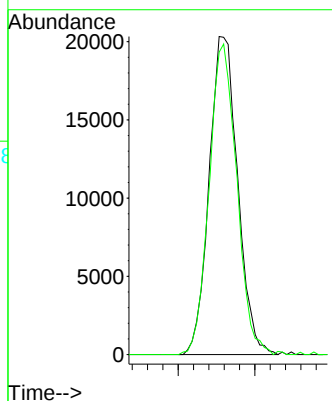
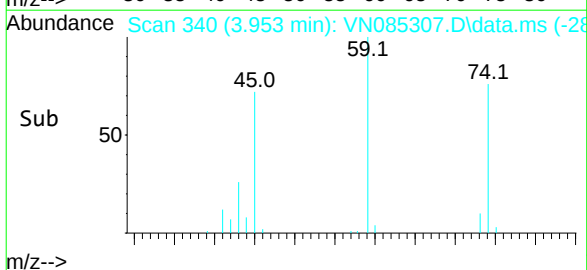
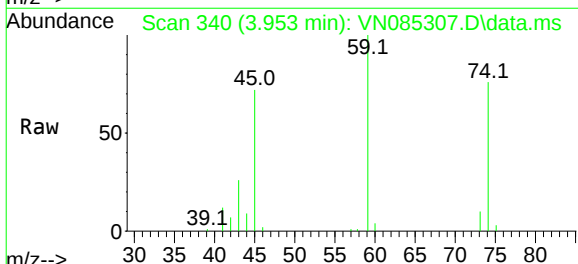
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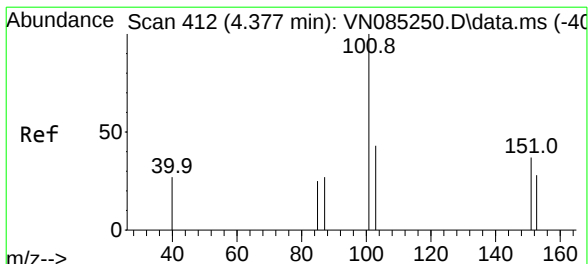
Reviewed By : John Carlone 12/26/2024
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#8
Diethyl Ether
Concen: 49.462 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN085307.D
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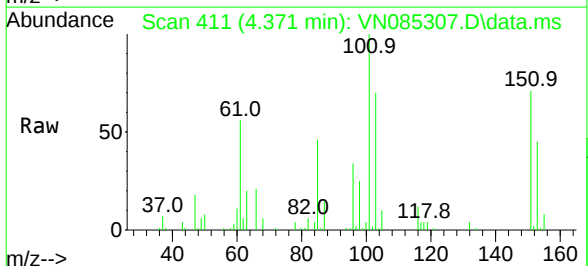
Tgt Ion: 74 Resp: 52507
Ion Ratio Lower Upper
74 100
45 94.9 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.963 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

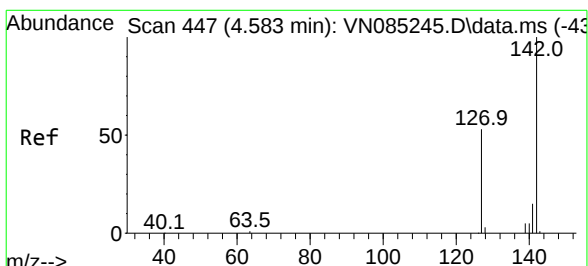
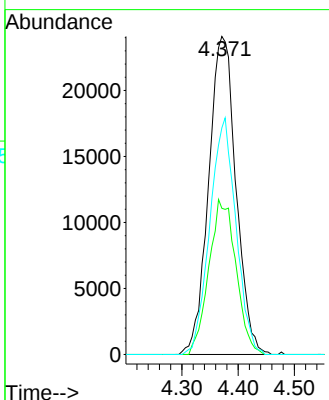
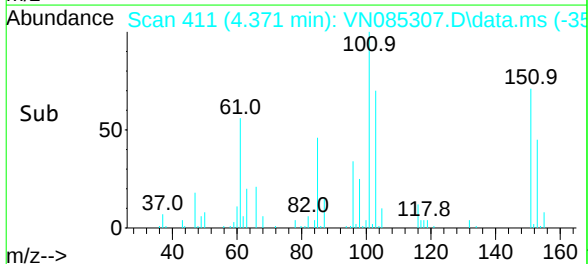
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



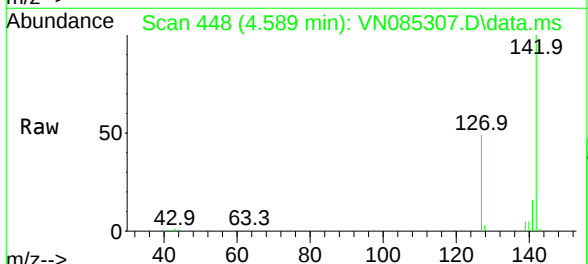
Tgt Ion:101 Resp: 81503
Ion Ratio Lower Upper
101 100
85 48.1 39.0 58.4
151 71.0 58.6 87.8

Manual Integrations
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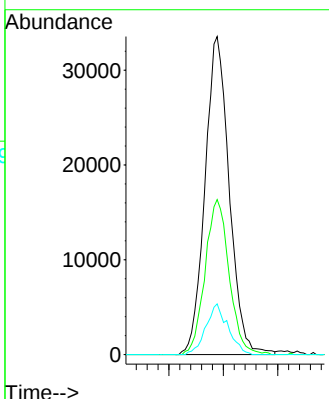
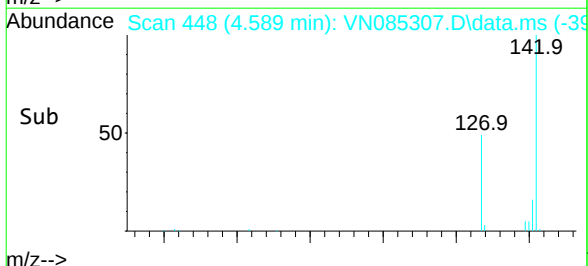
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

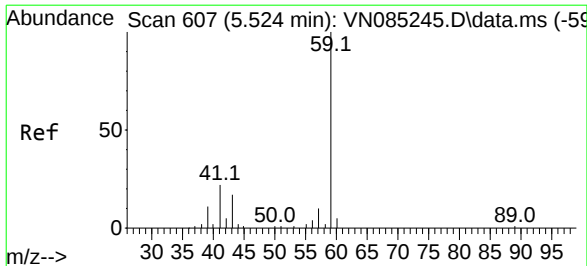


#10
Methyl Iodide
Concen: 50.255 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23



Tgt Ion:142 Resp: 103868
Ion Ratio Lower Upper
142 100
127 48.7 42.5 63.7
141 15.9 10.2 15.4#





#11

Tert butyl alcohol

Concen: 178.528 ug/l

RT: 5.512 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 63764

Ion Ratio Lower Upper

59 100

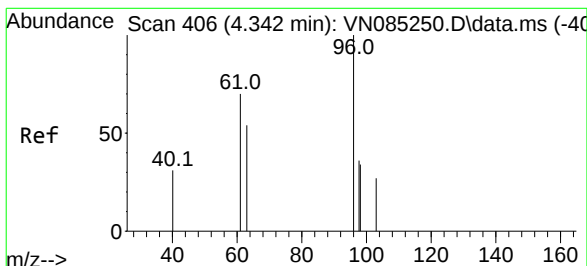
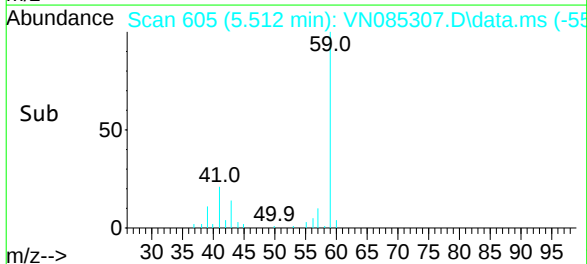
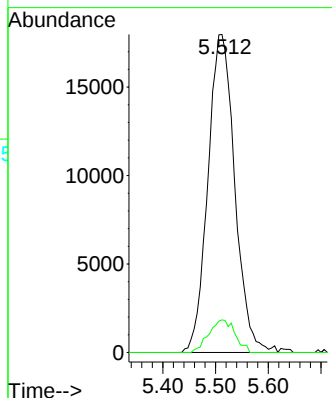
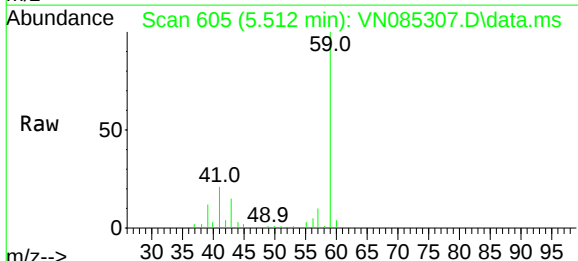
57 10.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#12

1,1-Dichloroethene

Concen: 48.612 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

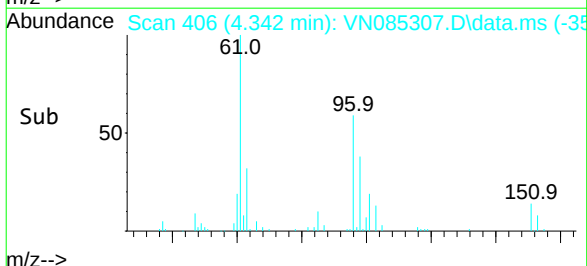
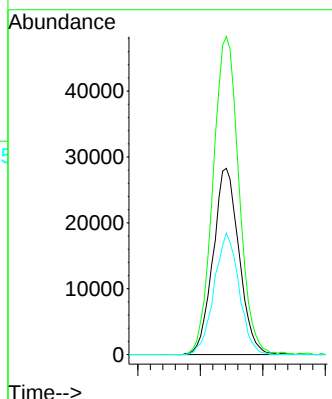
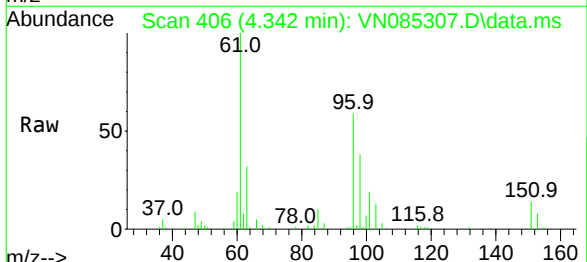
Tgt Ion: 96 Resp: 81623

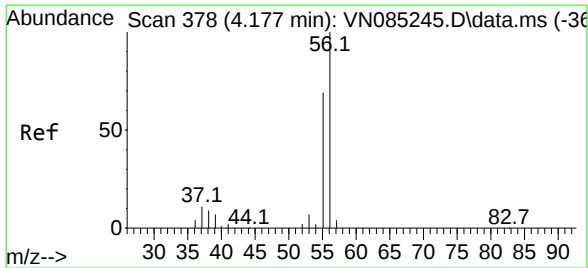
Ion Ratio Lower Upper

96 100

61 170.7 151.6 227.4

98 65.2 51.9 77.9





#13

Acrolein

Concen: 243.806 ug/l

RT: 4.177 min Scan# 37

Delta R.T. -0.000 min

Lab File: VN085307.D

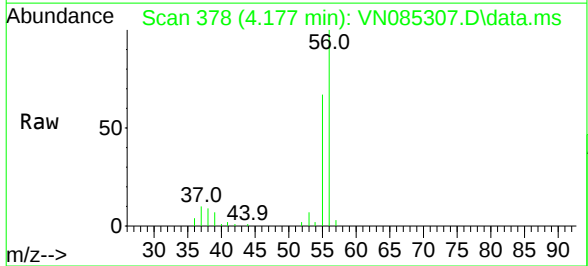
Acq: 23 Dec 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 100281

Ion Ratio Lower Upper

56 100

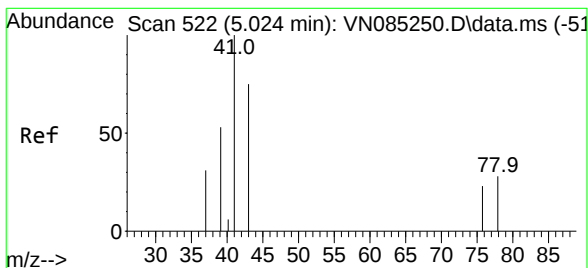
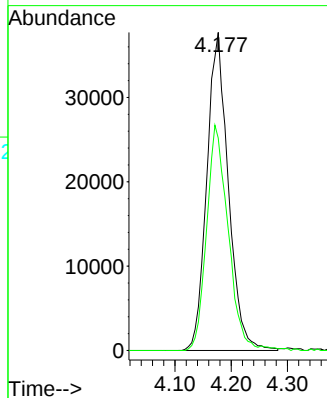
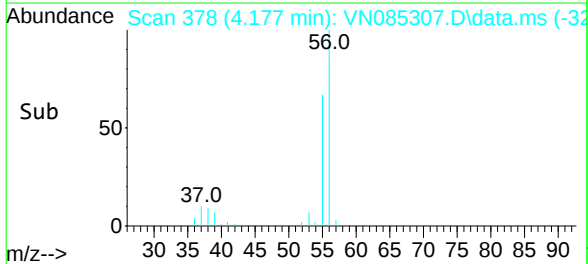
55 70.2 59.0 88.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#14

Allyl chloride

Concen: 42.289 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

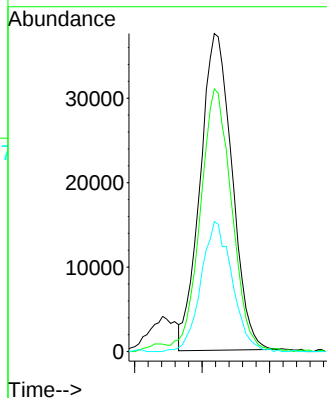
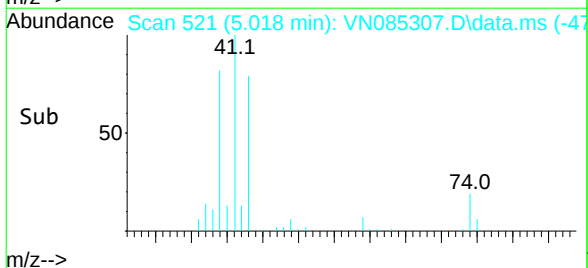
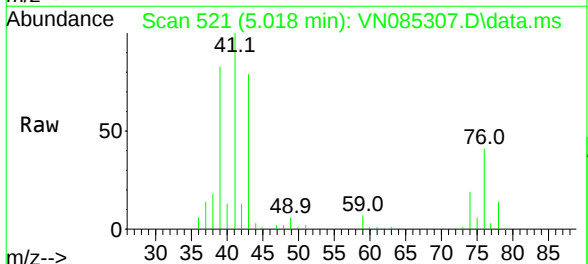
Tgt Ion: 41 Resp: 122971

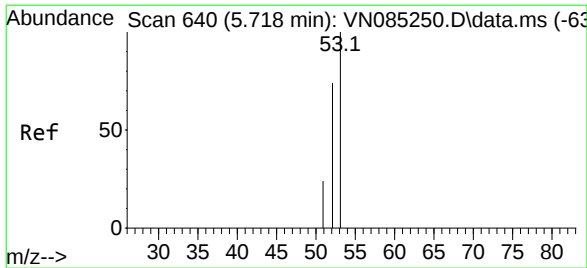
Ion Ratio Lower Upper

41 100

39 81.9 66.7 100.1

76 40.2 29.4 44.2





#15

Acrylonitrile

Concen: 206.260 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.000 min

Lab File: VN085307.D

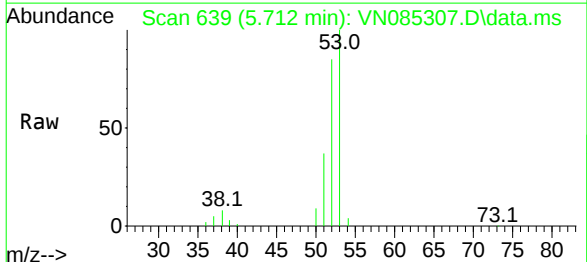
Acq: 23 Dec 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 53 Resp: 200652

Ion Ratio Lower Upper

53 100

52 82.4 66.3 99.5

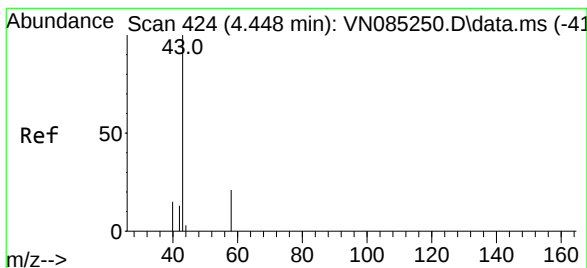
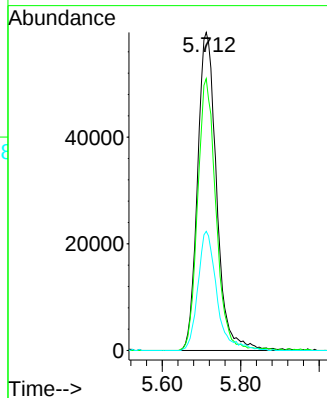
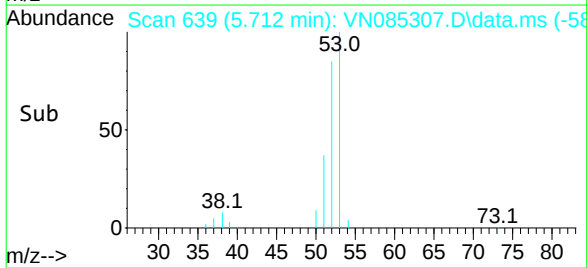
51 37.4 28.2 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#16

Acetone

Concen: 186.660 ug/l

RT: 4.418 min Scan# 419

Delta R.T. -0.006 min

Lab File: VN085307.D

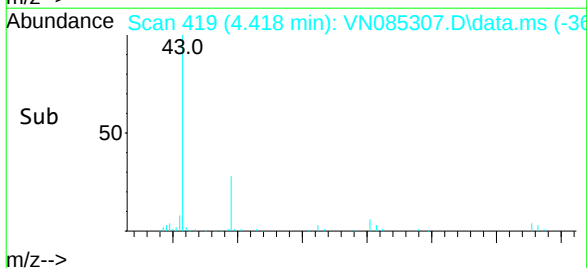
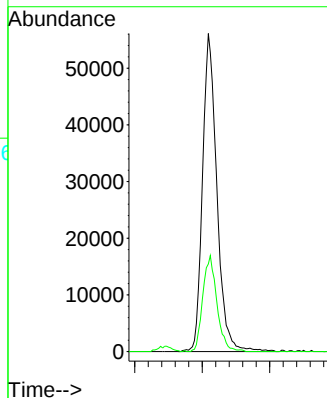
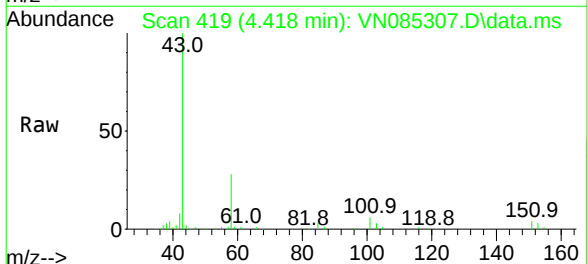
Acq: 23 Dec 2024 20:23

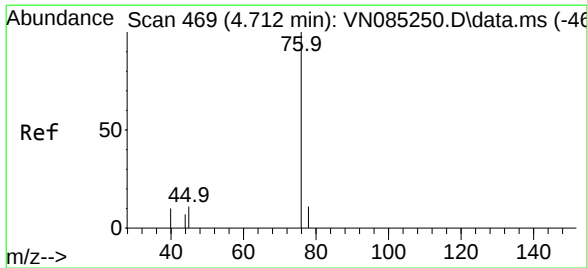
Tgt Ion: 43 Resp: 165667

Ion Ratio Lower Upper

43 100

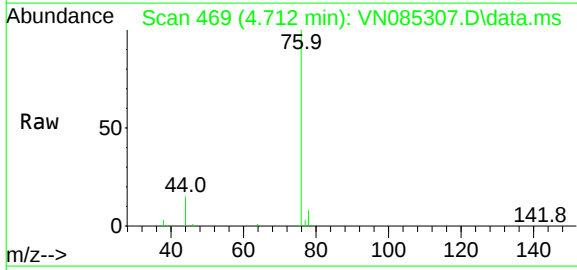
58 27.6 20.8 31.2





#17
Carbon Disulfide
Concen: 40.829 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

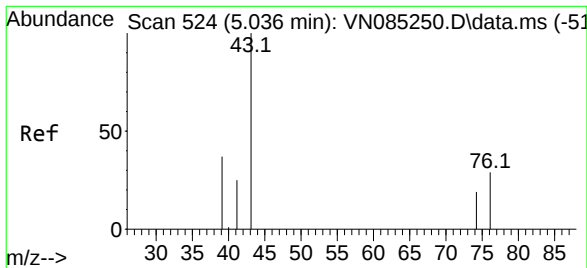
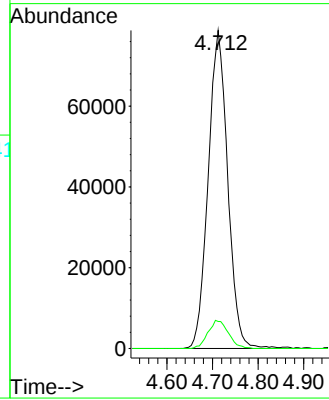
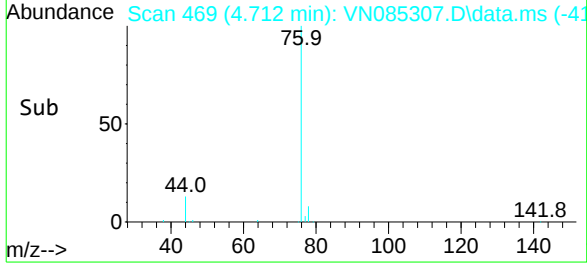
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 233948
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2

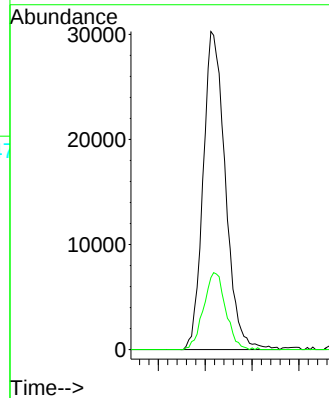
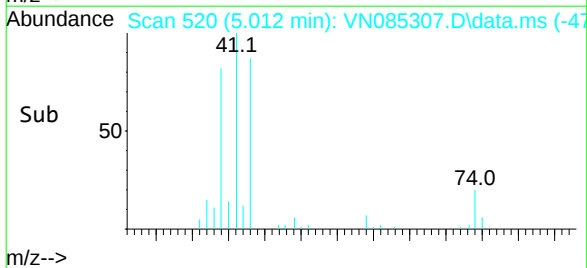
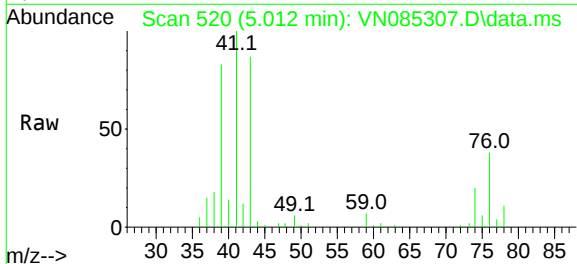
Manual Integrations
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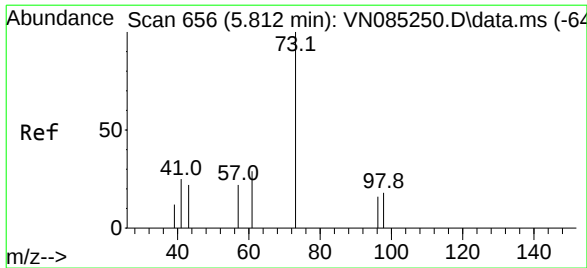
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#18
Methyl Acetate
Concen: 39.624 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Tgt Ion: 43 Resp: 99561
Ion Ratio Lower Upper
43 100
74 24.0 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 47.732 ug/l

RT: 5.789 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 274702

Ion Ratio Lower Upper

73 100

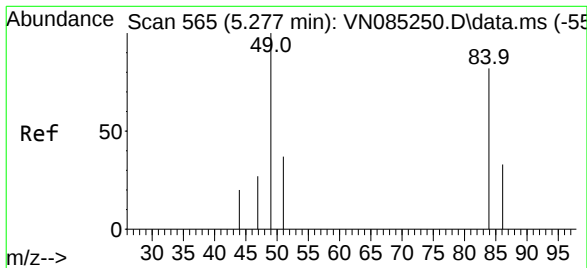
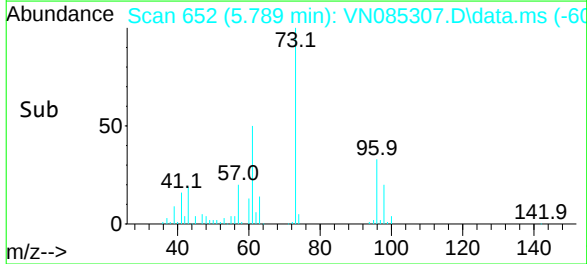
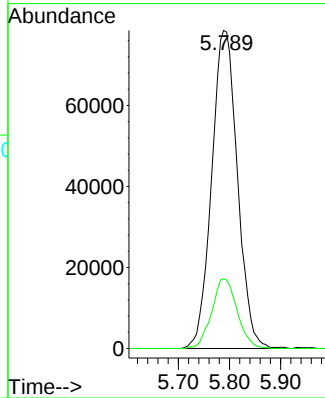
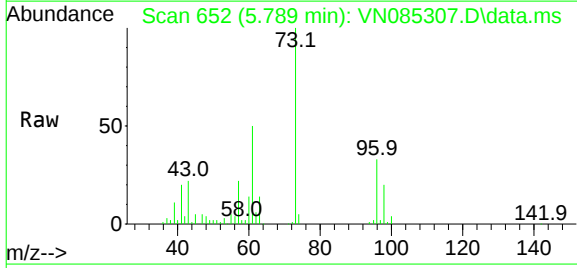
57 21.9 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#20

Methylene Chloride

Concen: 46.511 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

Tgt Ion: 84 Resp: 90299

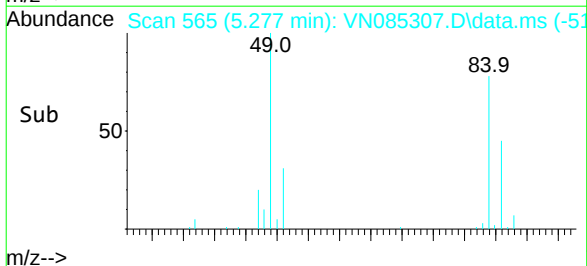
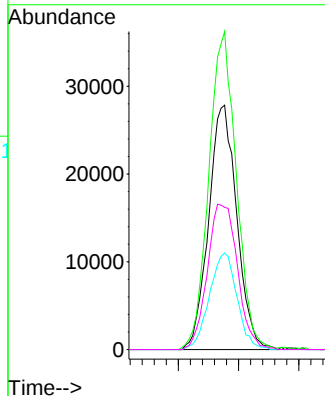
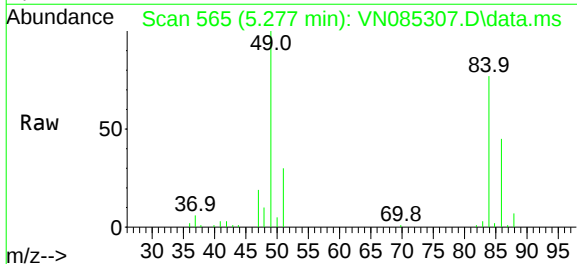
Ion Ratio Lower Upper

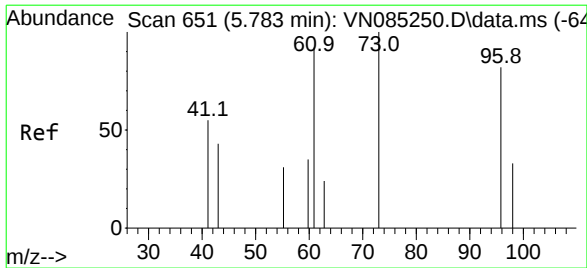
84 100

49 130.1 103.6 155.4

51 39.5 34.2 51.2

86 58.2 48.9 73.3





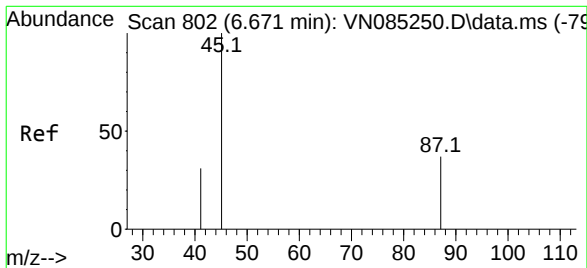
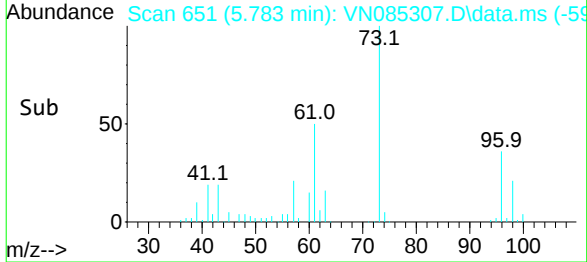
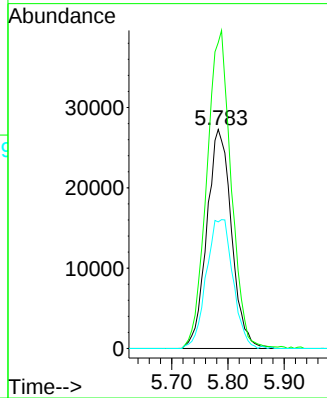
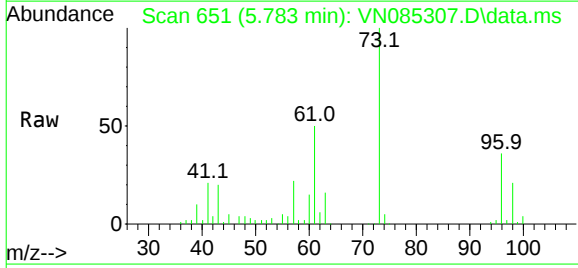
#21
trans-1,2-Dichloroethene
Concen: 44.953 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 83216
Ion Ratio Lower Upper
96 100
61 139.7 122.0 183.0
98 57.8 54.3 81.5

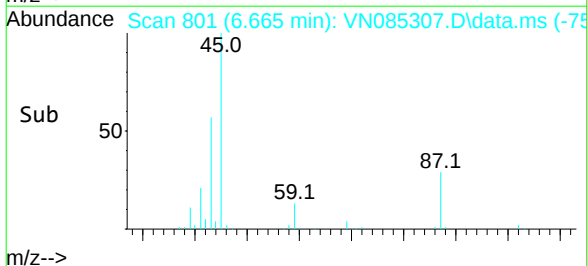
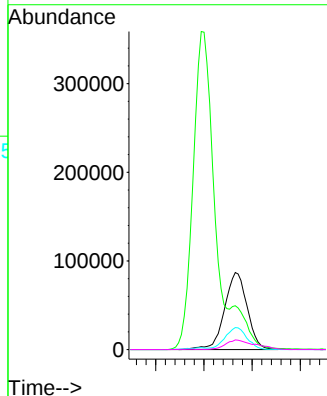
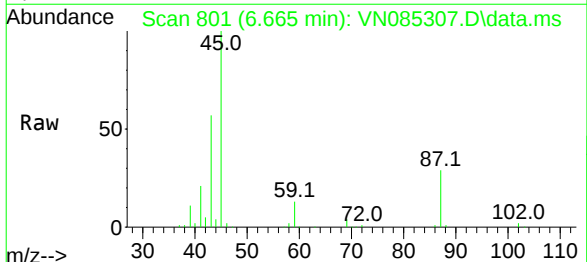
Manual Integrations
APPROVED

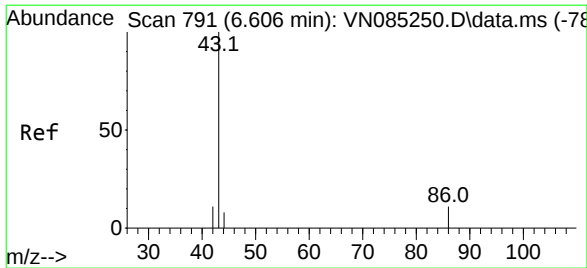
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#22
Diisopropyl ether
Concen: 45.662 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Tgt Ion: 45 Resp: 283257
Ion Ratio Lower Upper
45 100
43 55.3 43.8 65.6
87 28.3 21.2 31.8
59 12.3 8.6 13.0





#23

Vinyl Acetate

Concen: 221.126 ug/l

RT: 6.594 min Scan# 78

Delta R.T. -0.006 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1059930

Ion Ratio Lower Upper

43 100

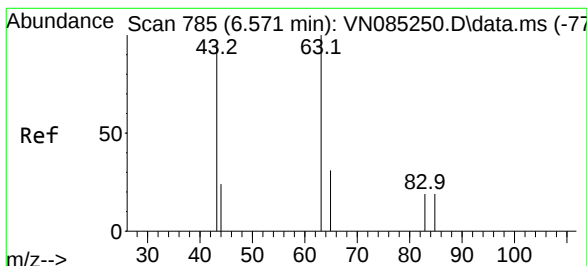
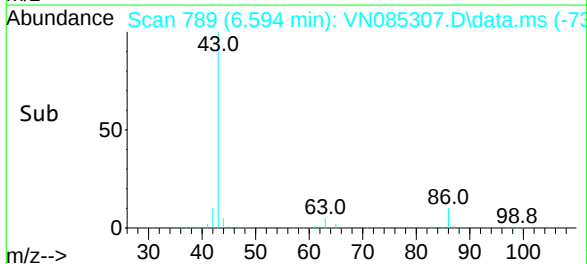
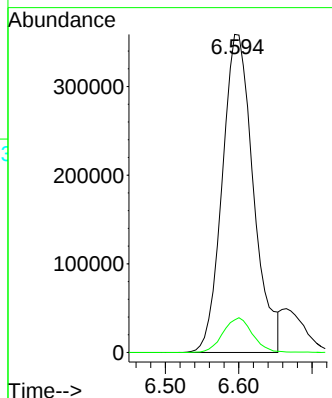
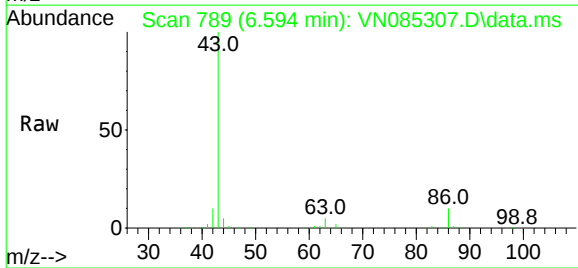
86 10.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#24

1,1-Dichloroethane

Concen: 45.838 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

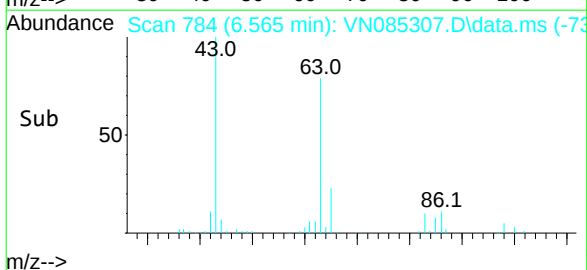
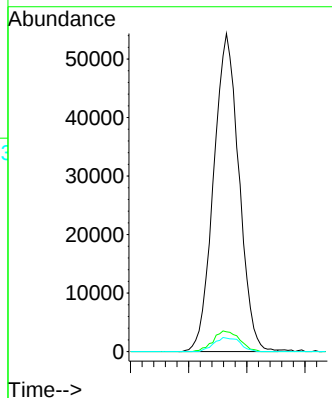
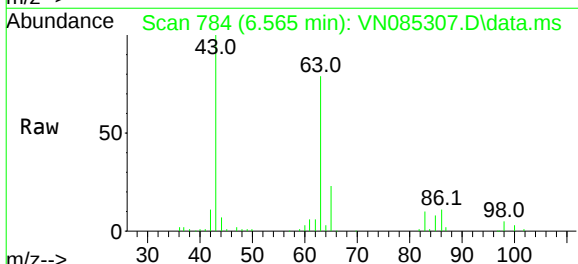
Tgt Ion: 63 Resp: 164714

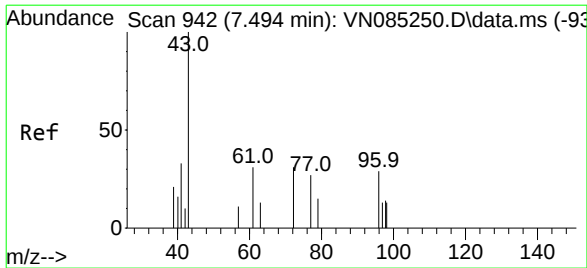
Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.6

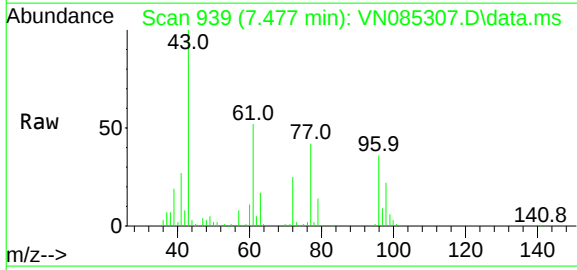
100 4.2 2.1 6.5





#25
2-Butanone
Concen: 192.567 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

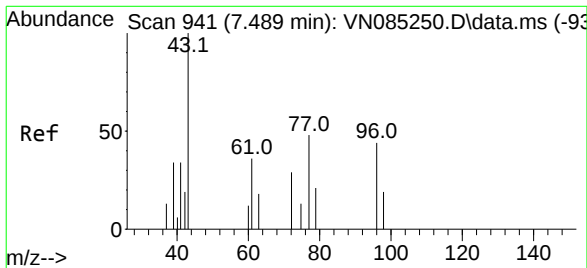
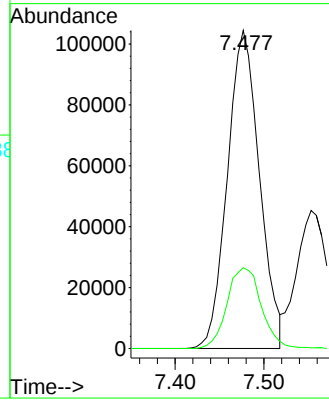
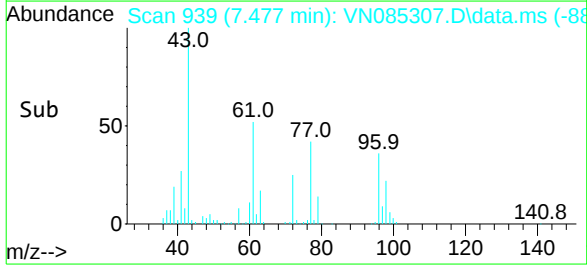
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 261732
Ion Ratio Lower Upper
43 100
72 25.4 19.6 29.4

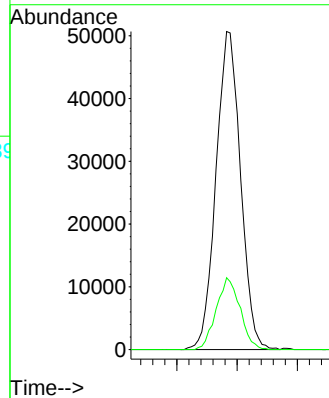
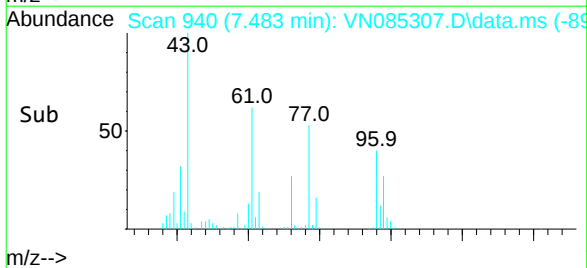
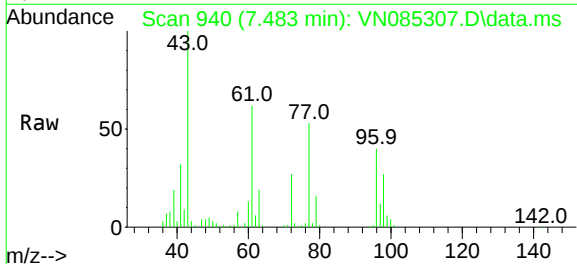
Manual Integrations
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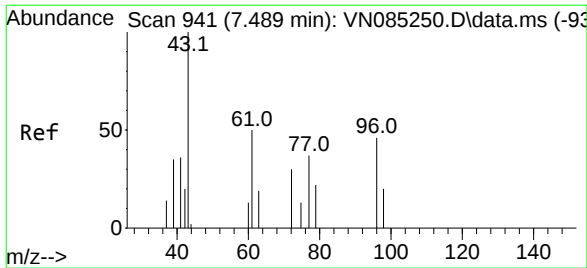
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#26
2,2-Dichloropropane
Concen: 43.022 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

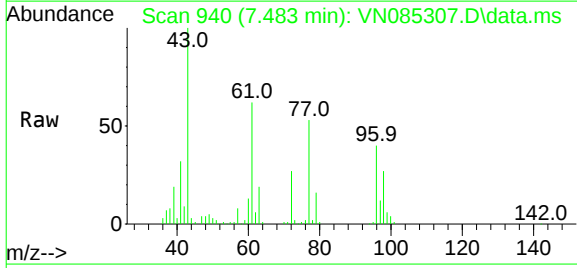
Tgt Ion: 77 Resp: 143150
Ion Ratio Lower Upper
77 100
97 21.9 10.5 31.6





#27
cis-1,2-Dichloroethene
Concen: 46.739 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

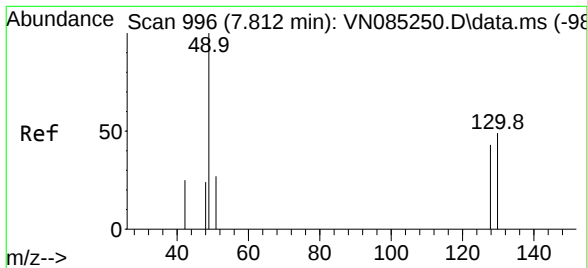
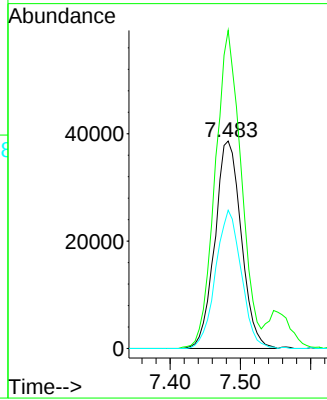
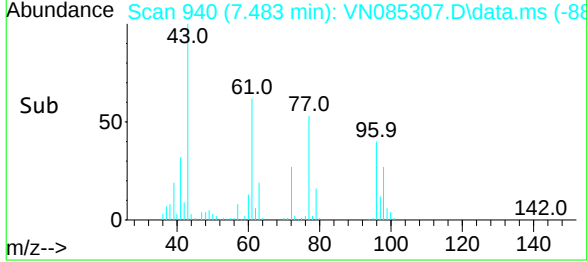
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 100739
Ion Ratio Lower Upper
96 100
61 151.2 0.0 316.4
98 65.0 0.0 125.4

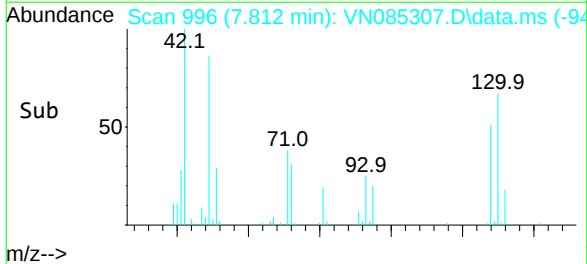
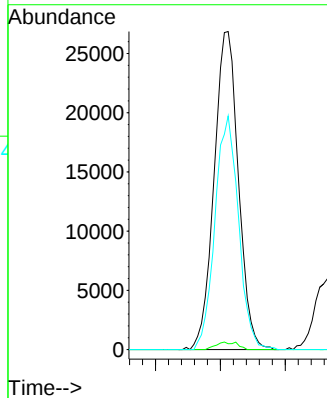
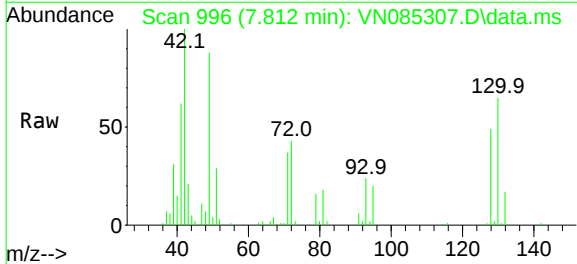
Manual Integrations
APPROVED

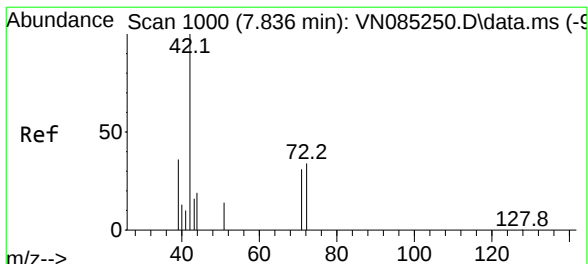
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#28
Bromochloromethane
Concen: 38.546 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

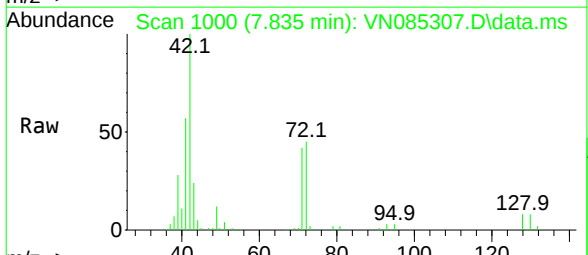
Tgt Ion: 49 Resp: 69853
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.4
130 71.2 54.1 81.1





#29
Tetrahydrofuran
Concen: 202.974 ug/l
RT: 7.835 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

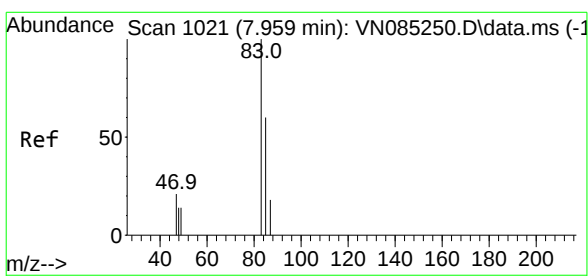
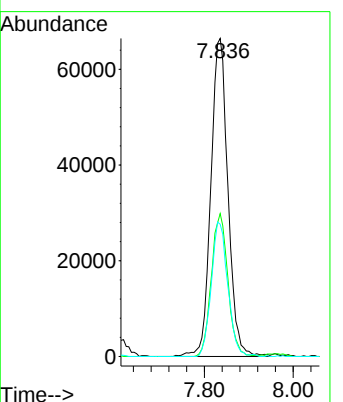
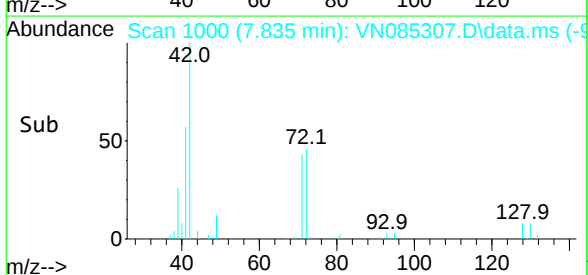
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC



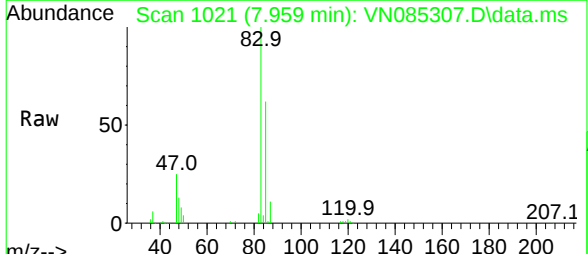
Tgt Ion: 42 Resp: 177835

Ion	Ratio	Lower	Upper
42	100		
72	43.4	32.7	49.1
71	40.5	31.4	47.2

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Supervised By :Mahesh Dadoda 12/26/2024

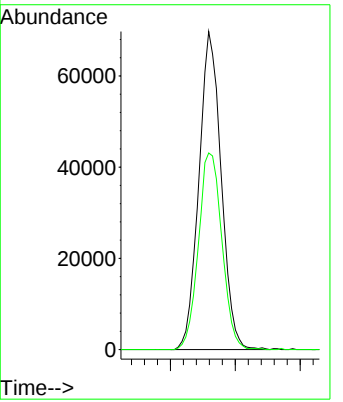
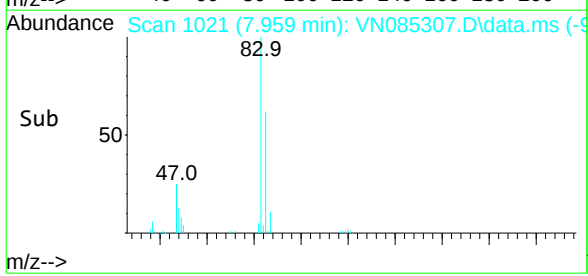


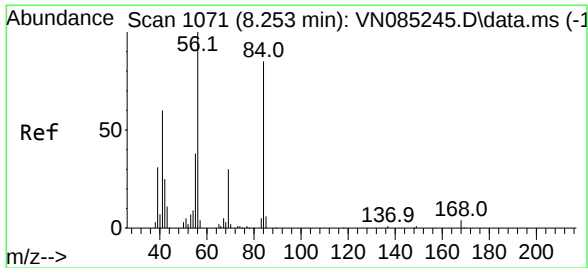
#30
Chloroform
Concen: 43.321 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23



Tgt Ion: 83 Resp: 166242

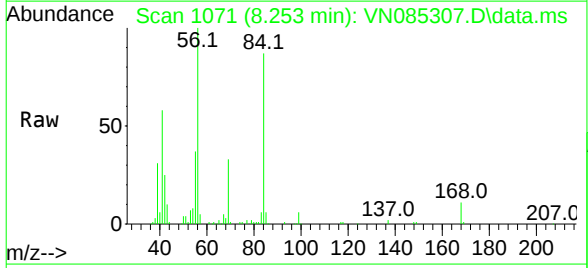
Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.4	77.0





#31
Cyclohexane
Concen: 43.212 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

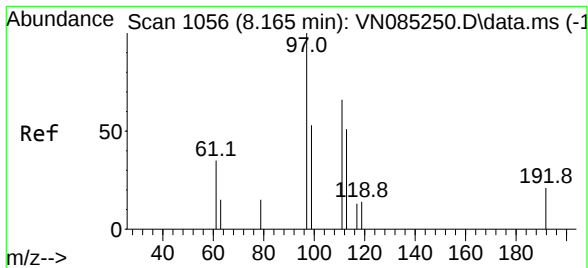
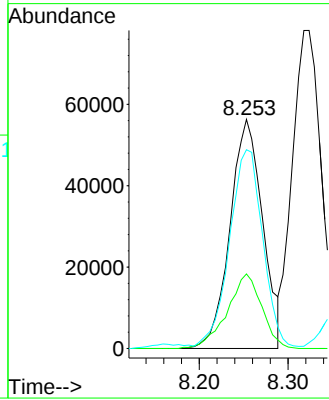
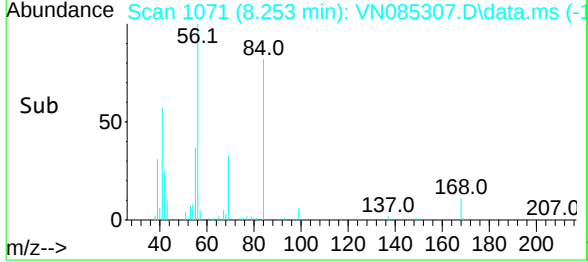
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 143744
Ion Ratio Lower Upper
56 100
69 32.5 23.6 35.4
84 85.1 66.6 99.8

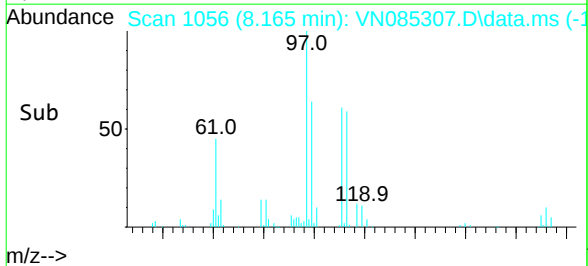
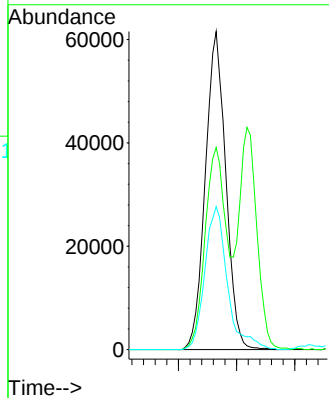
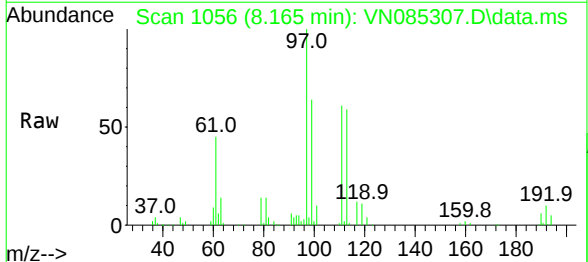
Manual Integrations
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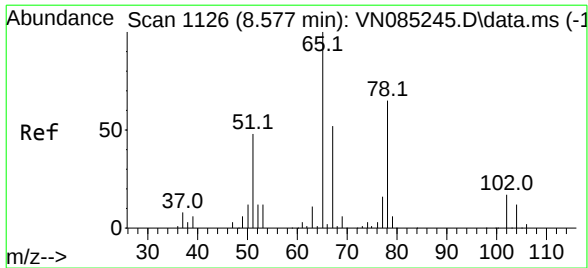
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#32
1,1,1-Trichloroethane
Concen: 43.958 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

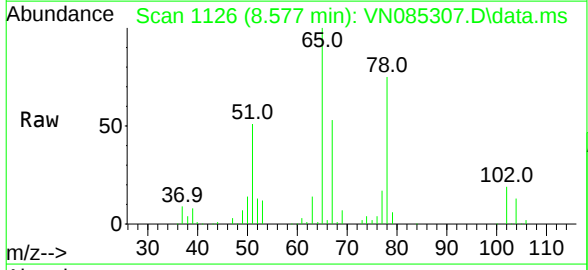
Tgt Ion: 97 Resp: 150345
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.0
61 49.6 40.4 60.6





#33
1,2-Dichloroethane-d4
Concen: 45.611 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

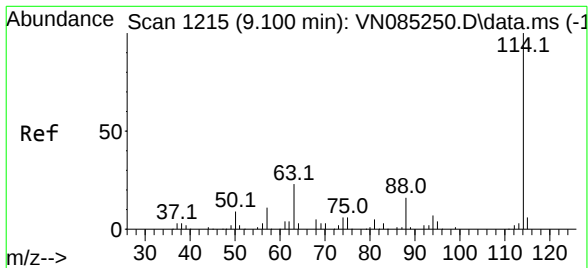
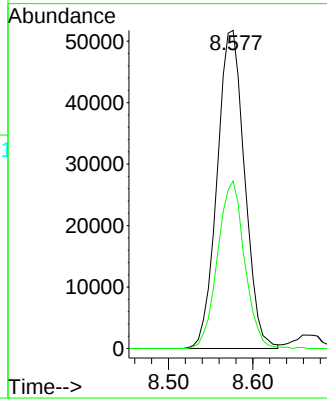
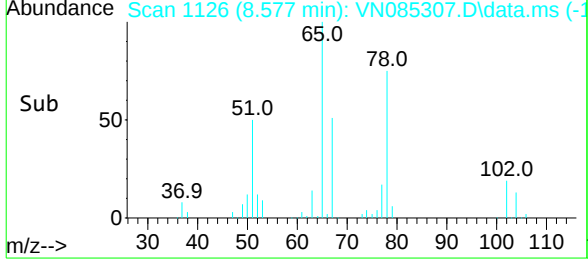
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



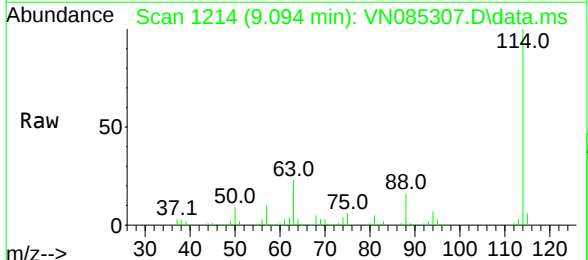
Tgt Ion: 65 Resp: 117276
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.2

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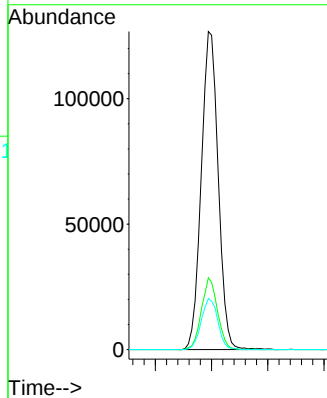
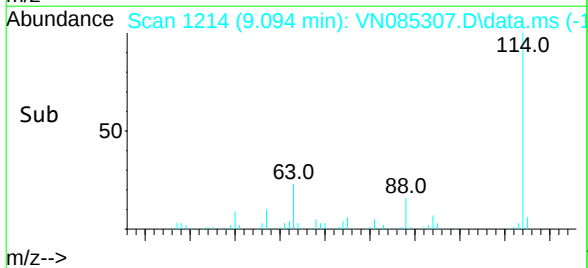
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

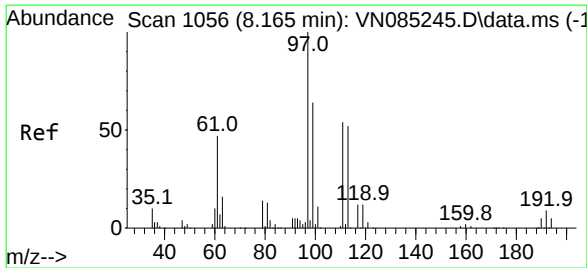


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23



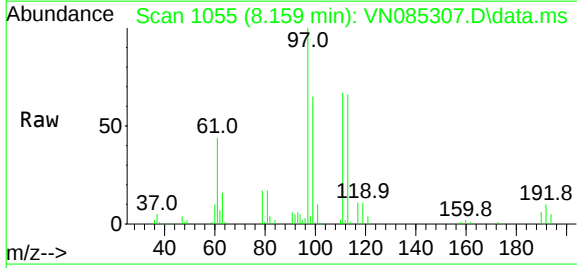
Tgt Ion:114 Resp: 265702
Ion Ratio Lower Upper
114 100
63 22.6 0.0 46.2
88 16.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.597 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

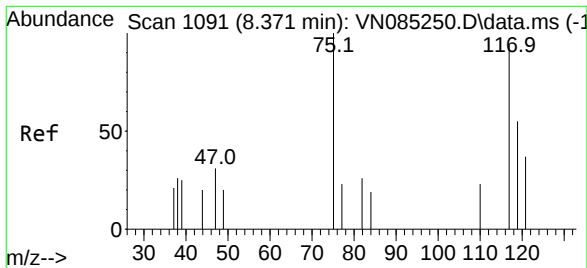
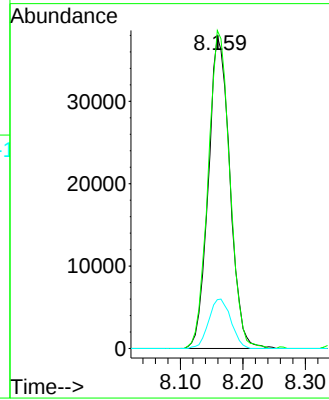
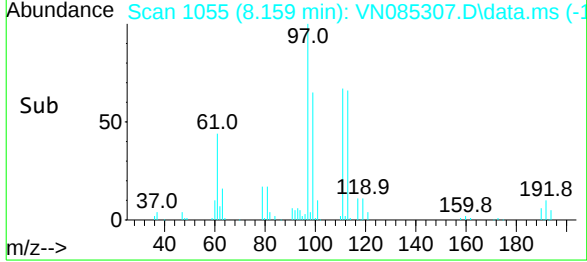
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 90780
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 16.3 13.4 20.0

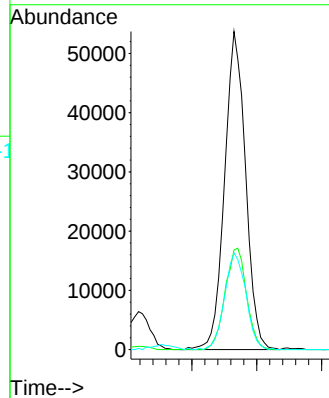
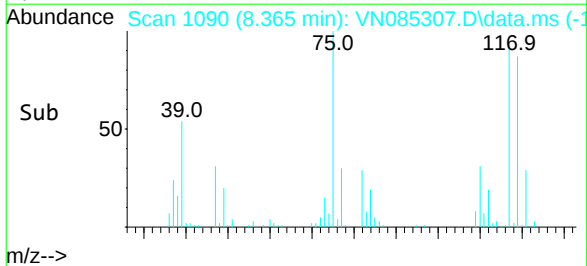
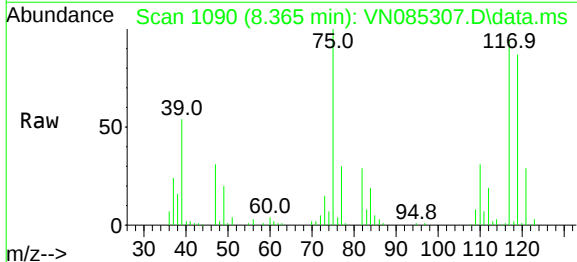
Manual Integrations
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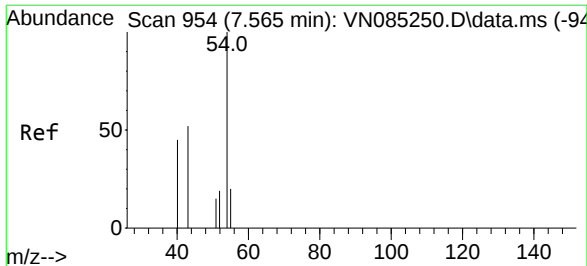
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#36
1,1-Dichloropropene
Concen: 46.392 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

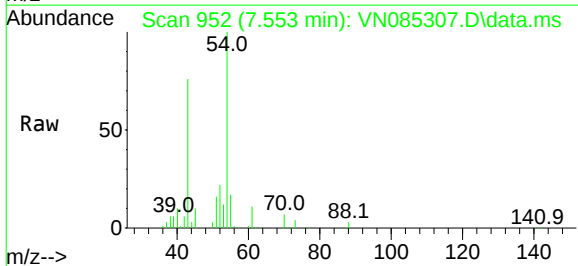
Tgt Ion: 75 Resp: 120671
Ion Ratio Lower Upper
75 100
110 32.5 16.0 48.0
77 30.9 24.6 36.8





#37
Ethyl Acetate
Concen: 38.146 ug/l
RT: 7.553 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

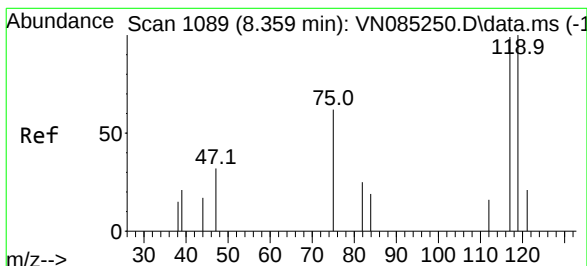
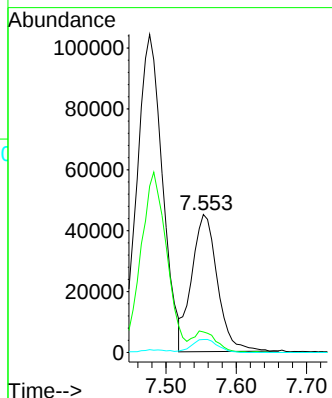
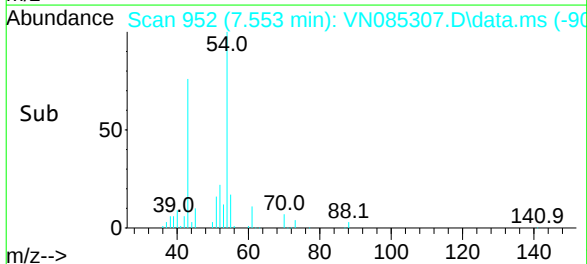
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 114476
Ion Ratio Lower Upper
43 100
61 14.2 9.8 14.6
70 9.6 7.8 11.8

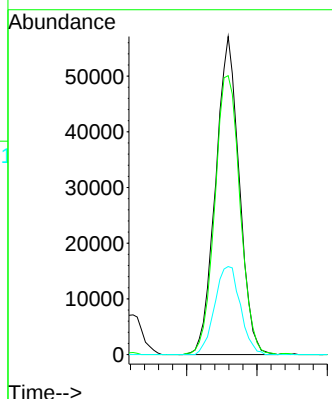
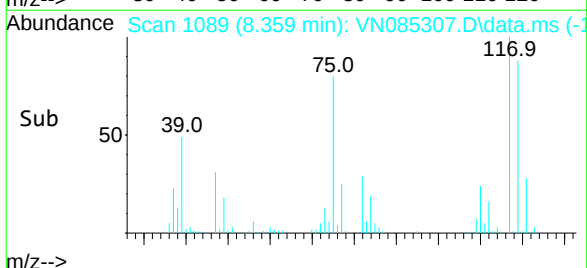
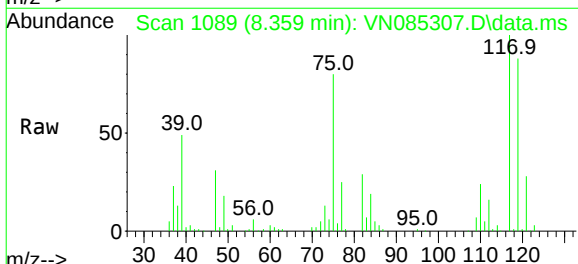
Manual Integrations
APPROVED

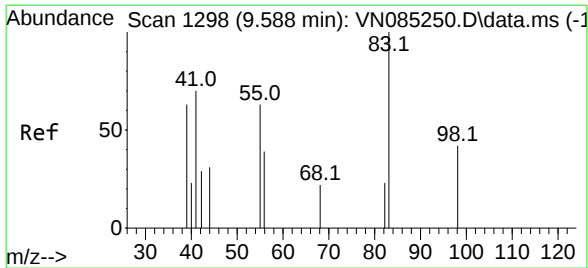
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#38
Carbon Tetrachloride
Concen: 42.516 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

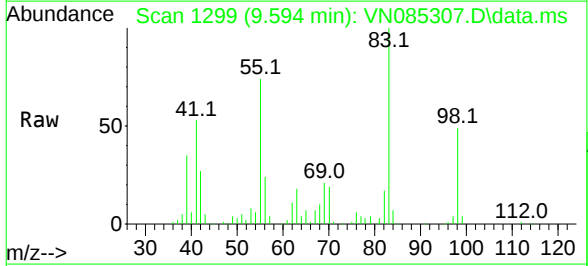
Tgt Ion:117 Resp: 133711
Ion Ratio Lower Upper
117 100
119 87.7 74.8 112.2
121 27.7 24.2 36.4





#39
Methylcyclohexane
Concen: 49.962 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

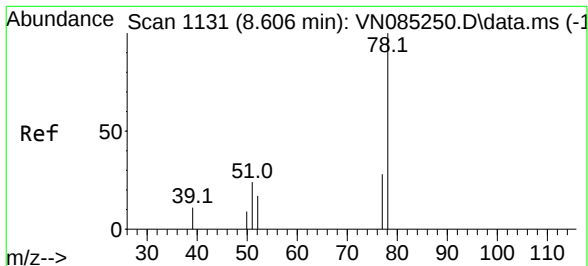
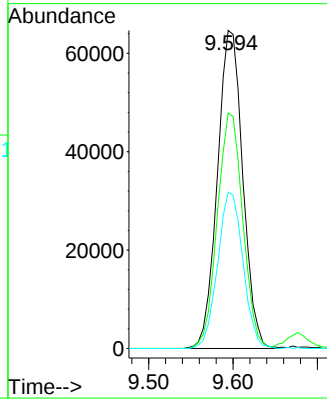
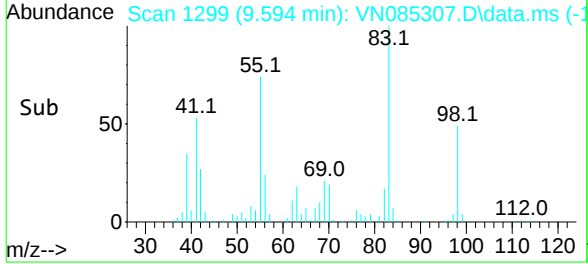
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 135234
Ion Ratio Lower Upper
83 100
55 74.0 66.8 100.2
98 49.2 39.4 59.2

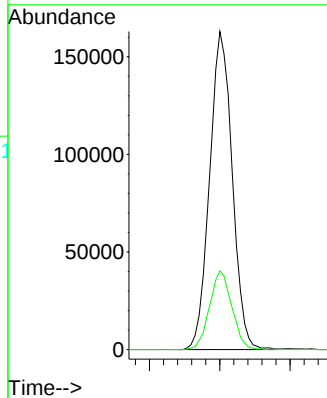
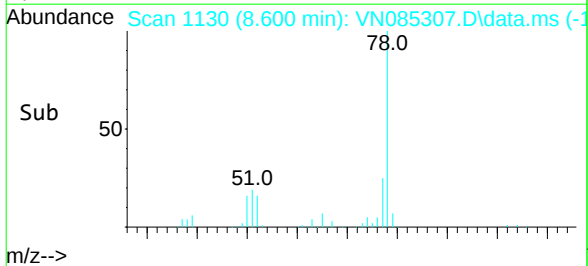
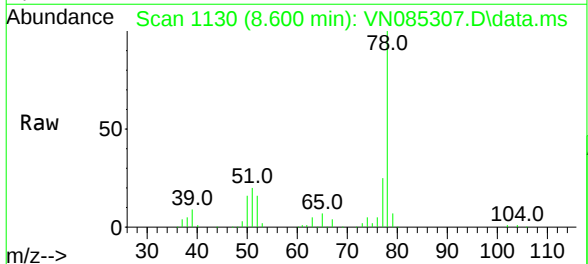
Manual Integrations
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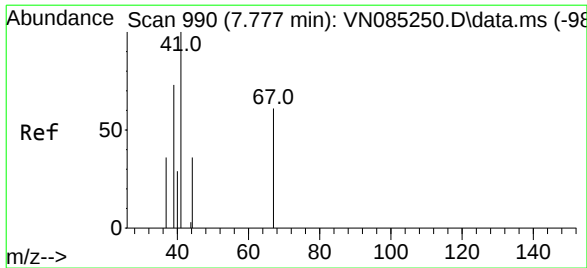
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#40
Benzene
Concen: 45.058 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Tgt Ion: 78 Resp: 364607
Ion Ratio Lower Upper
78 100
77 24.8 18.9 28.3





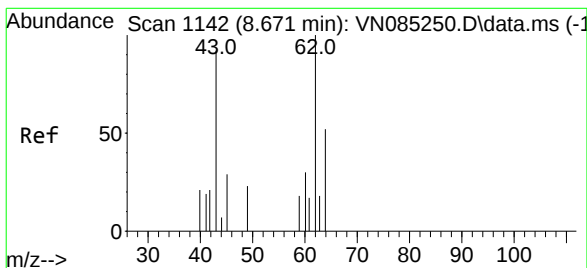
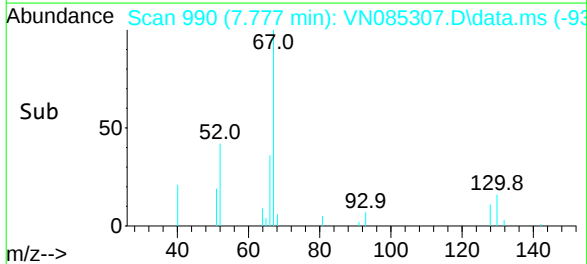
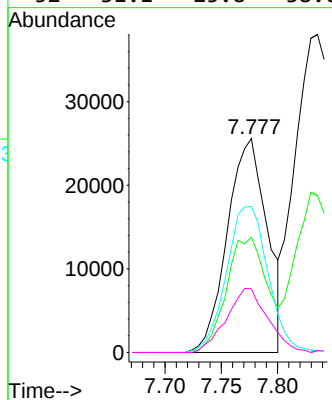
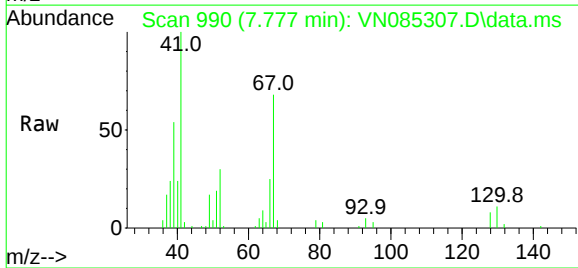
#41
Methacrylonitrile
Concen: 41.160 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	62946
Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.0	66.0
67	71.6	56.0	84.0
52	31.1	25.8	38.6

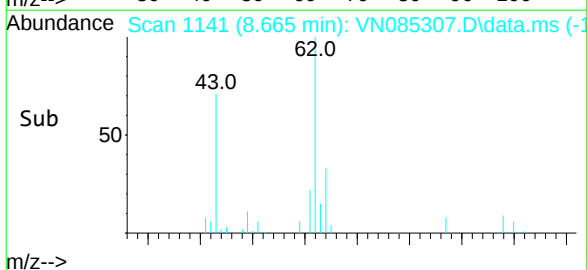
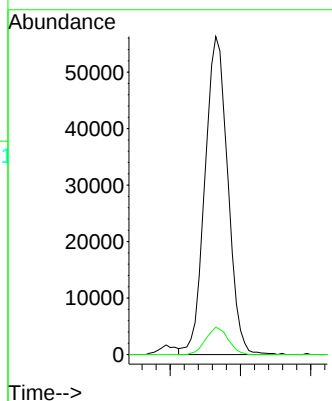
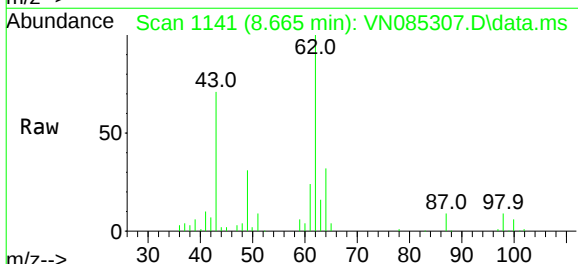
Manual Integrations
APPROVED

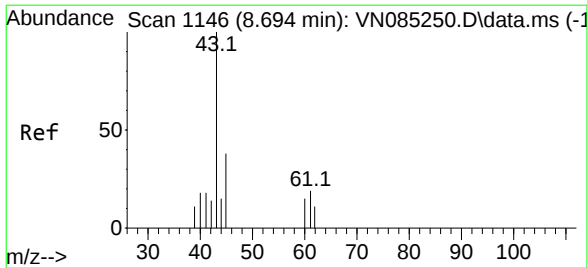
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#42
1,2-Dichloroethane
Concen: 41.331 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Tgt Ion:	62	Resp:	127394
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.4





#43

Isopropyl Acetate

Concen: 36.225 ug/l

RT: 8.682 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

Tgt Ion: 43 Resp: 198792

Ion Ratio Lower Upper

43 100

61 25.8 19.0 28.4

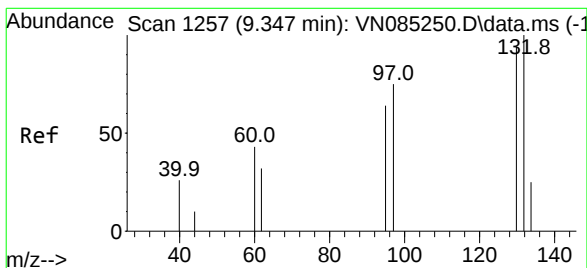
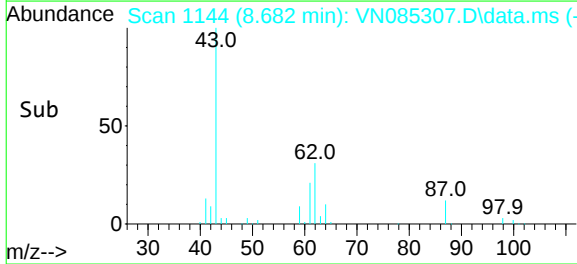
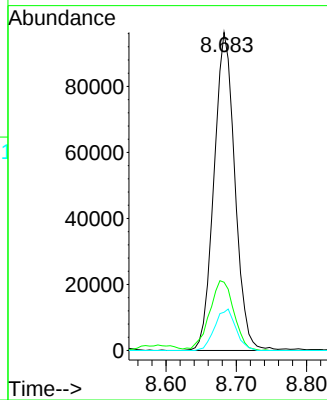
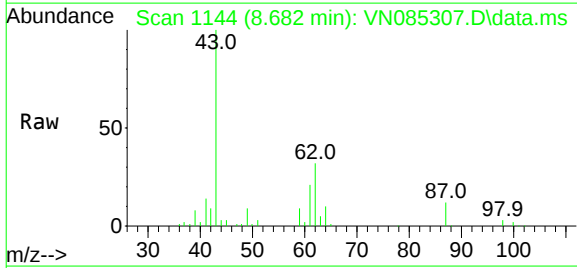
87 13.2 9.3 13.9

Manual Integrations

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Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#44

Trichloroethene

Concen: 46.052 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN085307.D

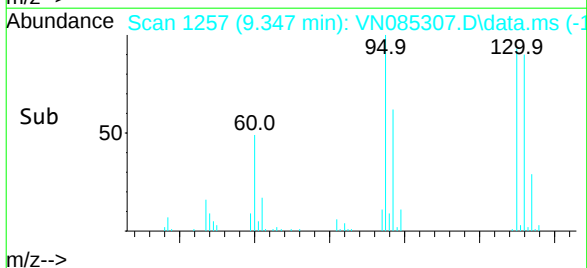
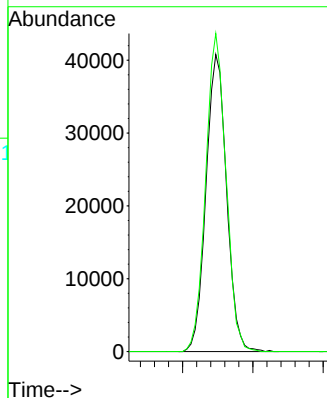
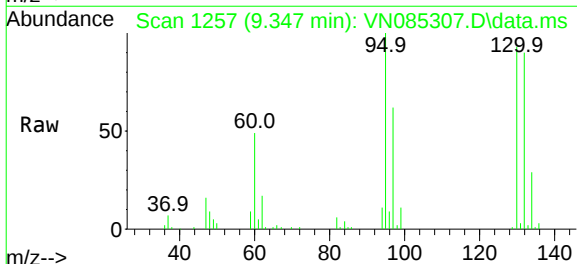
Acq: 23 Dec 2024 20:23

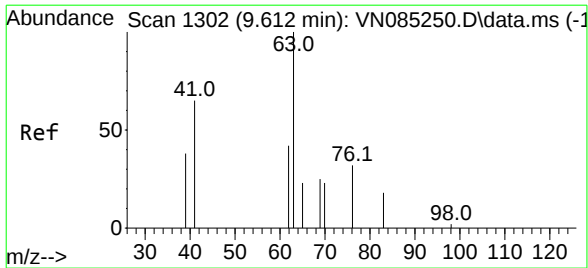
Tgt Ion:130 Resp: 82965

Ion Ratio Lower Upper

130 100

95 107.0 0.0 207.6





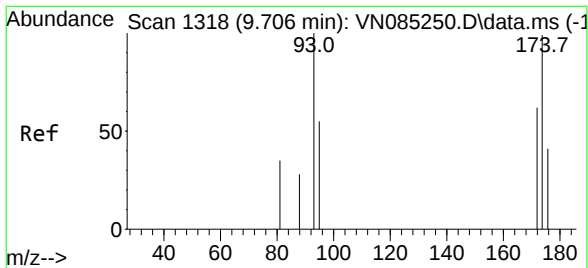
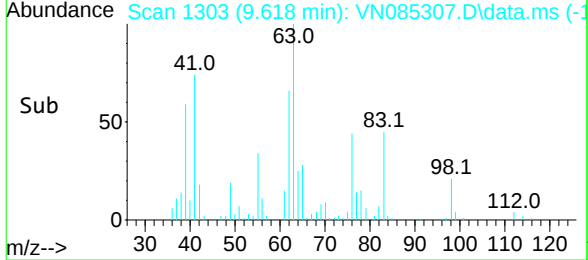
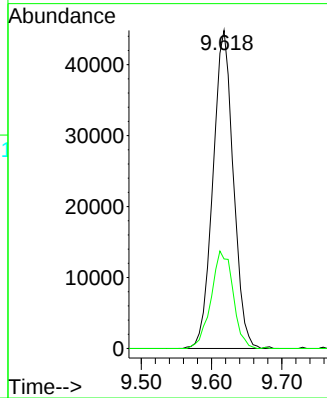
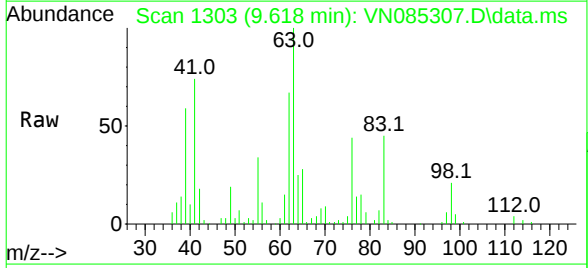
#45
1,2-Dichloropropane
Concen: 45.110 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 90382
Ion Ratio Lower Upper
63 100
65 28.2 24.0 36.0

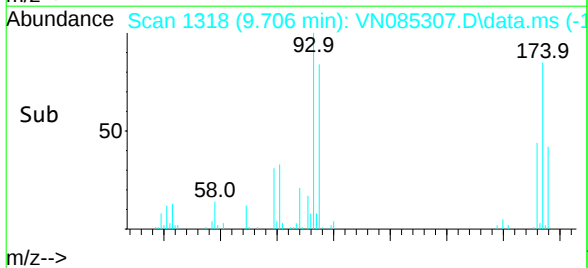
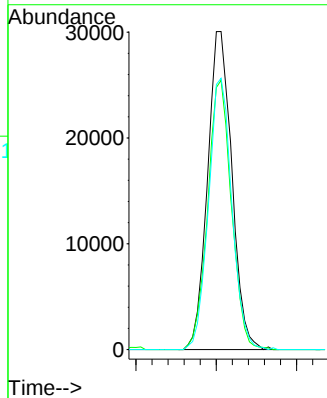
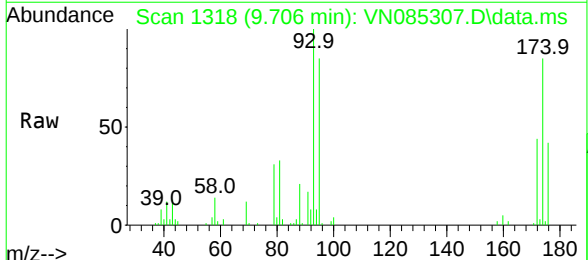
Manual Integrations
APPROVED

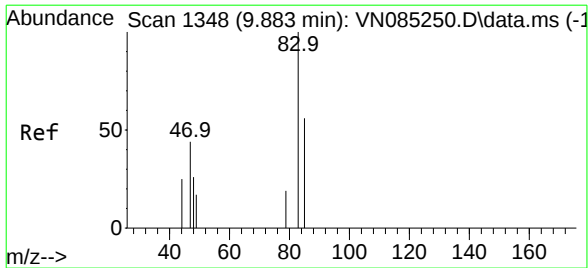
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#46
Dibromomethane
Concen: 44.200 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Tgt Ion: 93 Resp: 63218
Ion Ratio Lower Upper
93 100
95 82.5 67.0 100.6
174 82.1 69.3 103.9





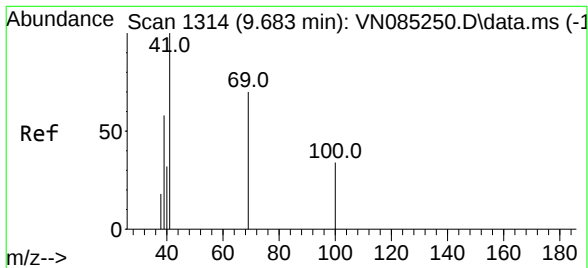
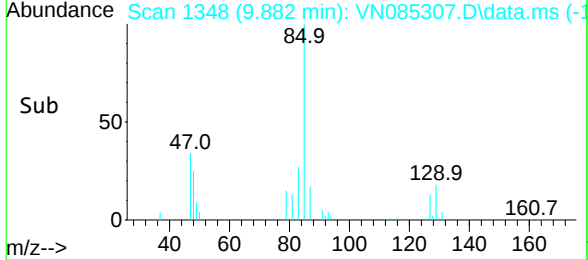
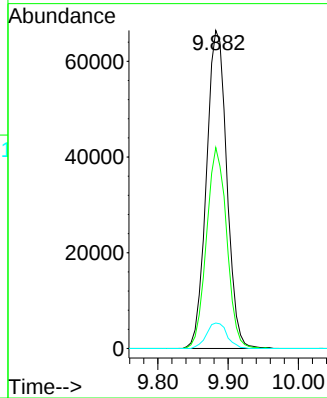
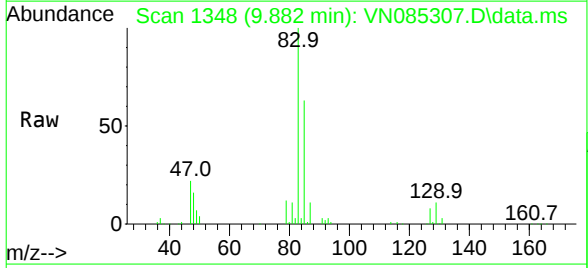
#47
Bromodichloromethane
Concen: 43.671 ug/l
RT: 9.882 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 133825
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.4
127 8.0 6.3 9.5

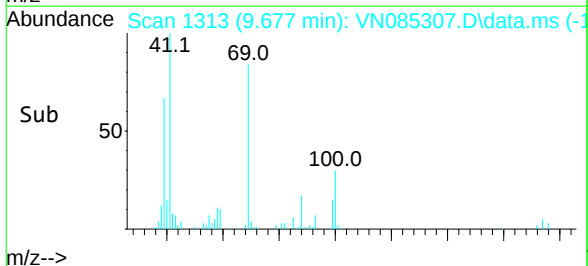
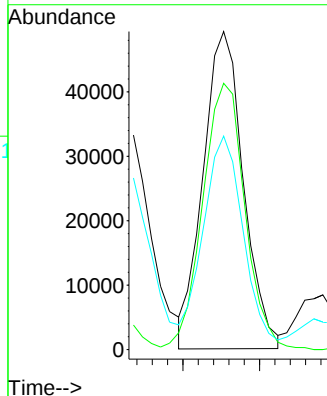
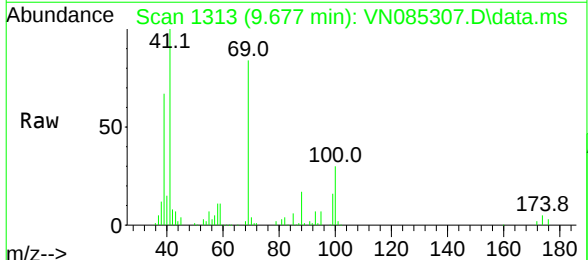
Manual Integrations
APPROVED

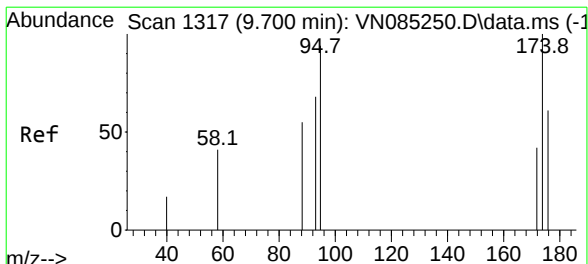
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#48
Methyl methacrylate
Concen: 39.988 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Tgt Ion: 41 Resp: 89956
Ion Ratio Lower Upper
41 100
69 88.0 61.0 91.4
39 67.7 49.8 74.8





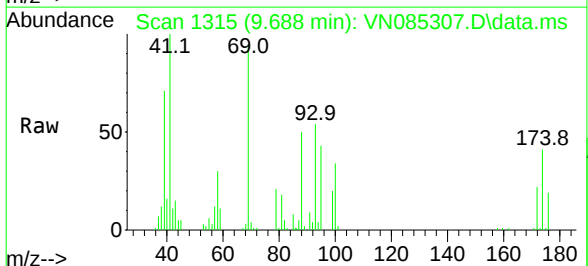
#49
1,4-Dioxane
Concen: 782.304 ug/l
RT: 9.688 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

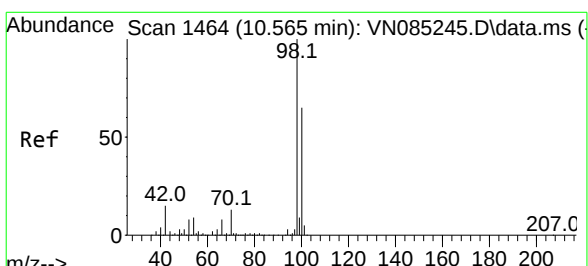
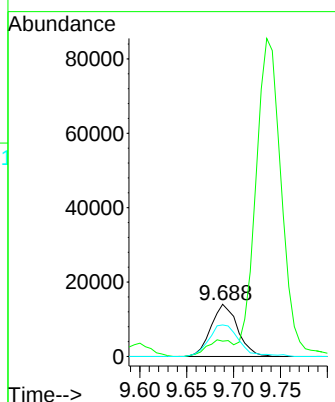
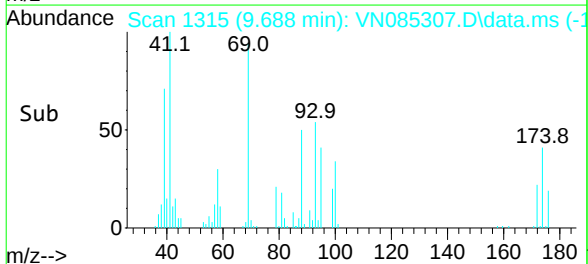
VSTDCCC050EC



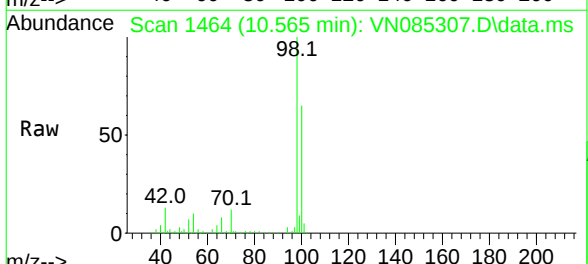
Tgt Ion: 88 Resp: 27747
Ion Ratio Lower Upper
88 100
43 30.7 25.6 38.4
58 69.3 56.5 84.7

Manual Integrations
APPROVED

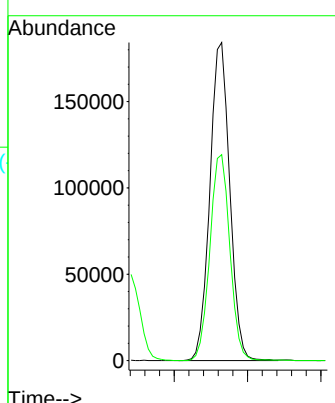
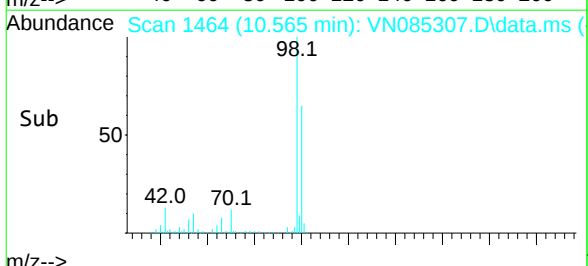
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

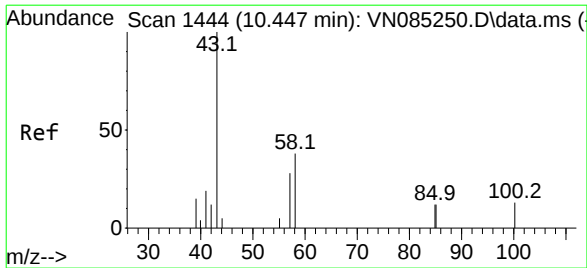


#50
Toluene-d8
Concen: 50.835 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23



Tgt Ion: 98 Resp: 347082
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4





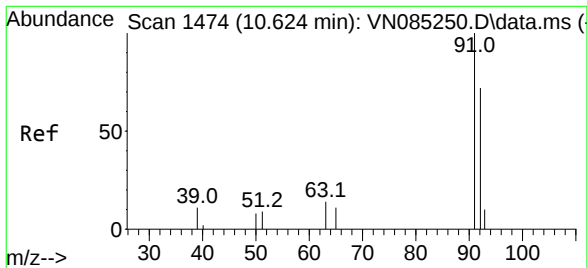
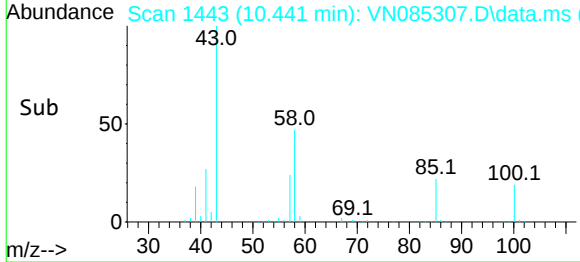
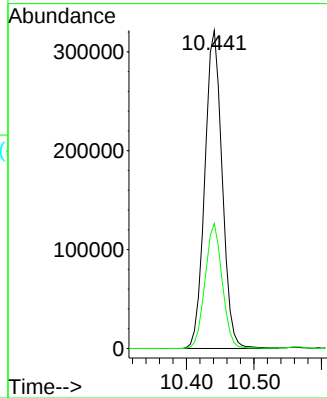
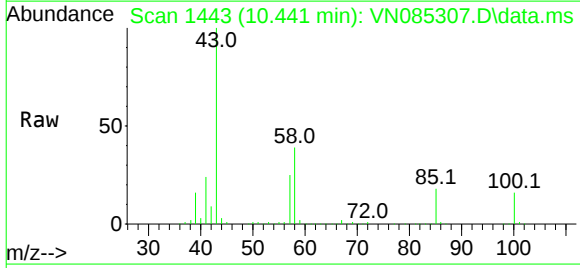
#51
4-Methyl-2-Pentanone
Concen: 199.514 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 575286
Ion Ratio Lower Upper
43 100
58 38.8 29.4 44.2

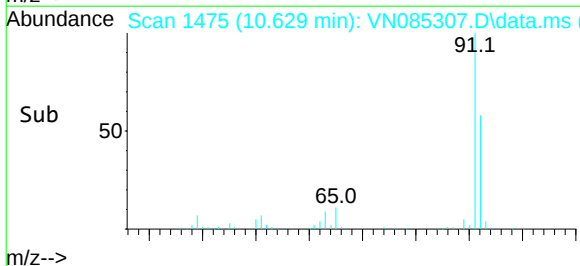
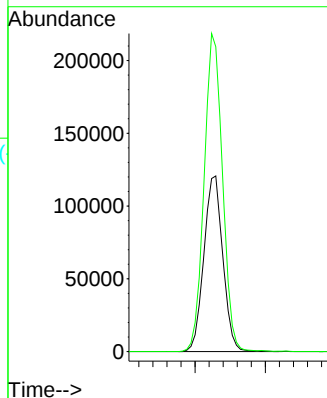
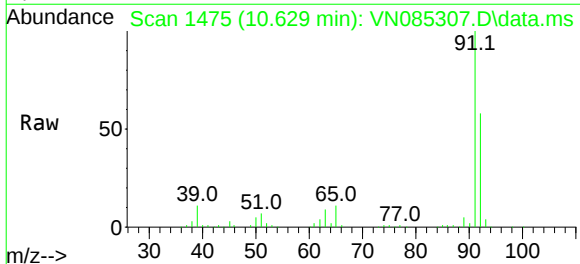
Manual Integrations
APPROVED

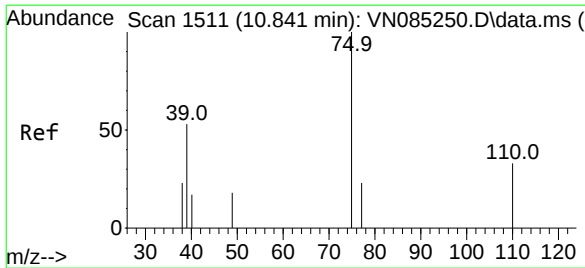
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#52
Toluene
Concen: 46.439 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

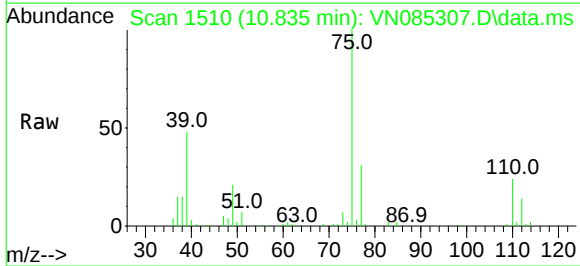
Tgt Ion: 92 Resp: 225957
Ion Ratio Lower Upper
92 100
91 175.7 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 45.980 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

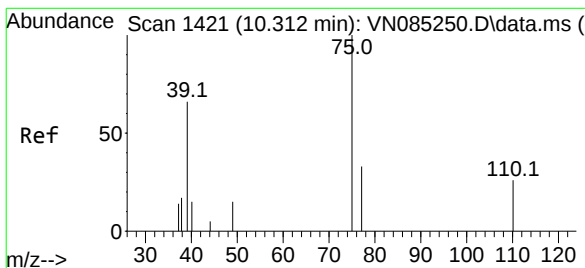
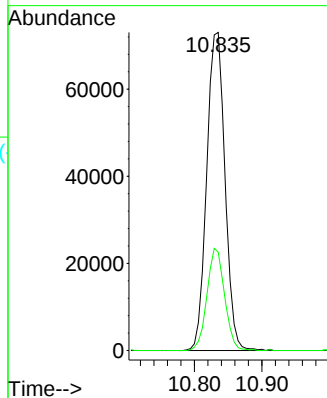
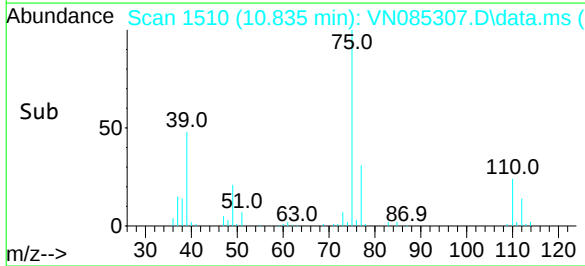
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



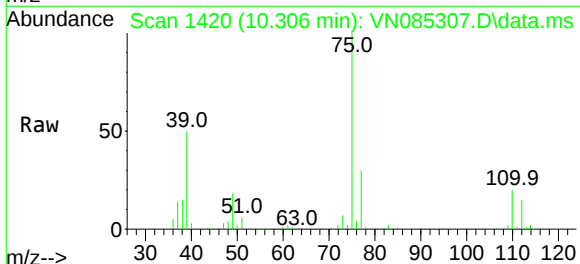
Tgt Ion: 75 Resp: 137342
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0

Manual Integrations
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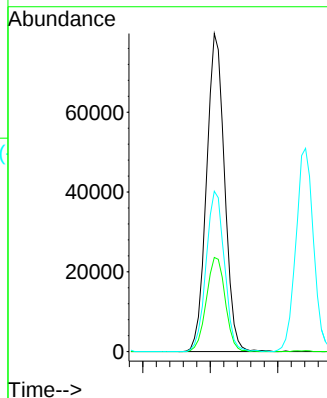
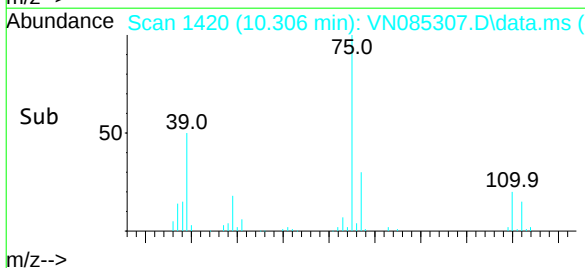
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

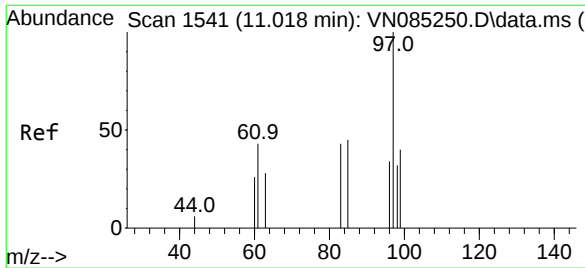


#54
cis-1,3-Dichloropropene
Concen: 46.606 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23



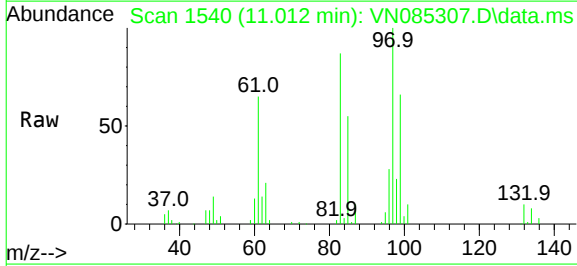
Tgt Ion: 75 Resp: 148009
Ion Ratio Lower Upper
75 100
77 29.6 26.6 39.8
39 50.4 45.3 67.9





#55
1,1,2-Trichloroethane
Concen: 44.937 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

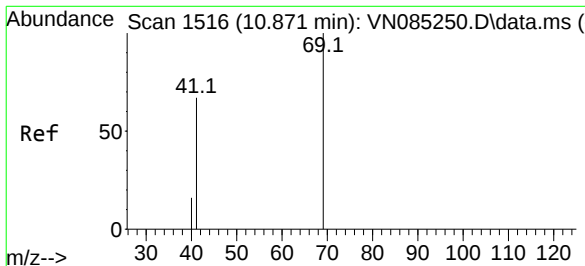
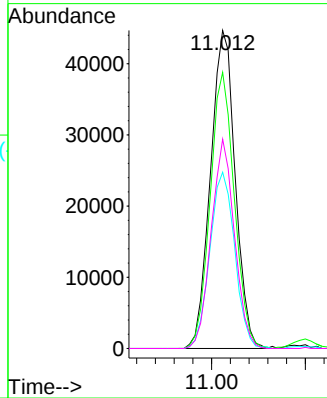
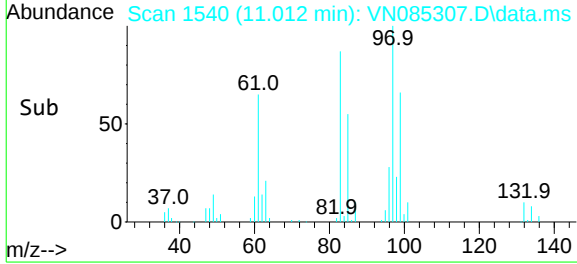
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



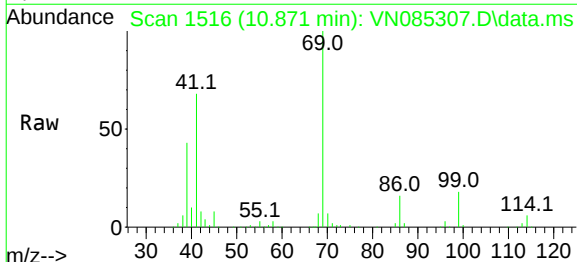
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.6	104.4
85	55.4	45.7	68.5
99	65.8	50.4	75.6

Manual Integrations
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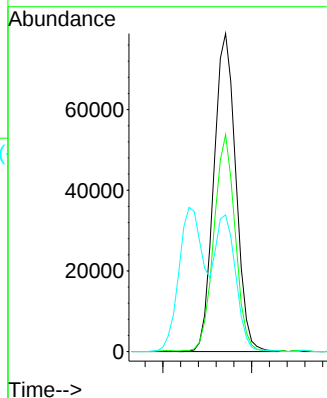
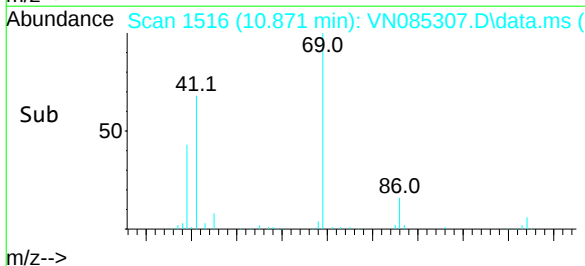
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

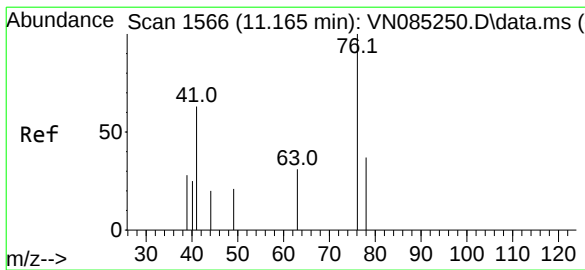


#56
Ethyl methacrylate
Concen: 39.588 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23



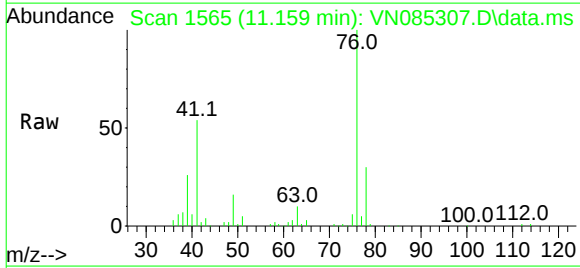
Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.1	57.5	86.3
39	40.1	33.4	50.2





#57
1,3-Dichloropropane
Concen: 45.332 ug/l
RT: 11.159 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

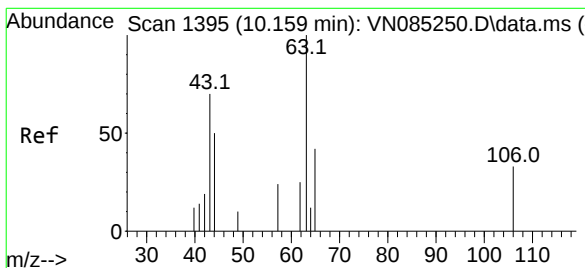
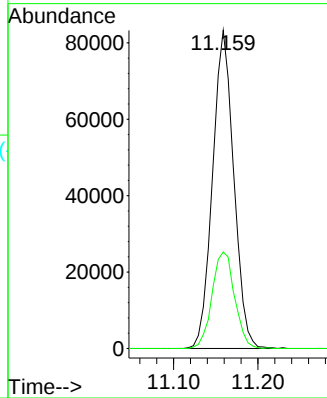
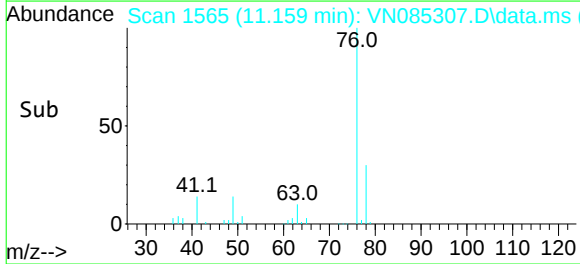
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



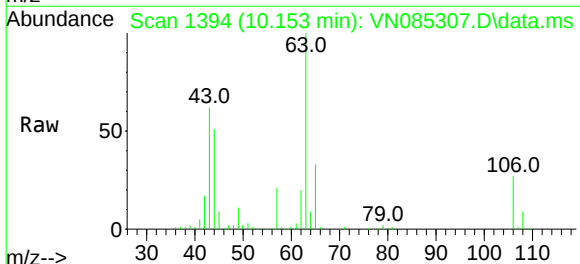
Tgt Ion: 76 Resp: 145362
Ion Ratio Lower Upper
76 100
78 32.3 25.4 38.2

Manual Integrations
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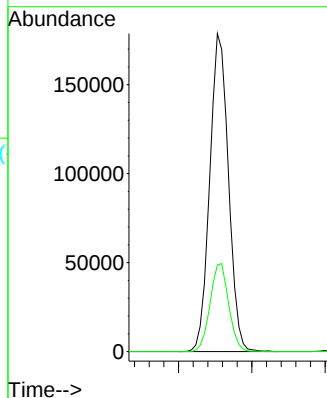
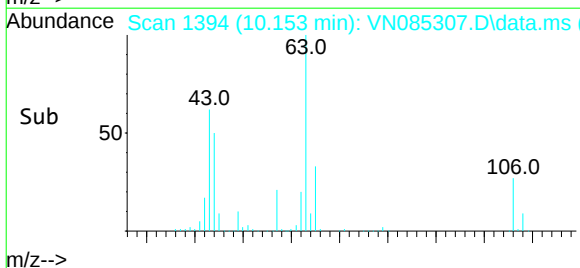
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

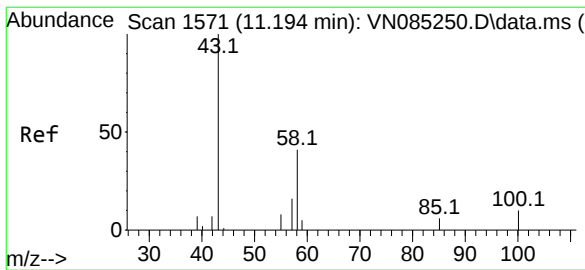


#58
2-Chloroethyl Vinyl ether
Concen: 196.501 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23



Tgt Ion: 63 Resp: 316997
Ion Ratio Lower Upper
63 100
106 27.5 21.2 31.8





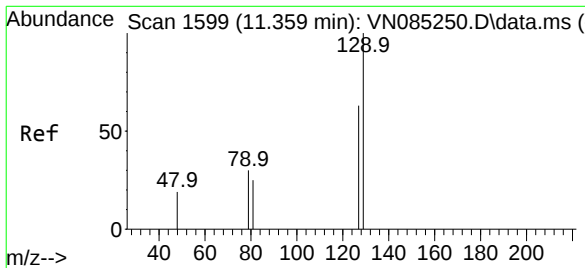
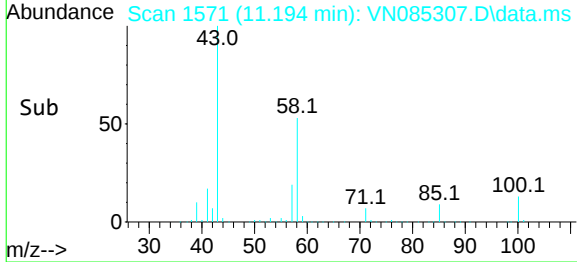
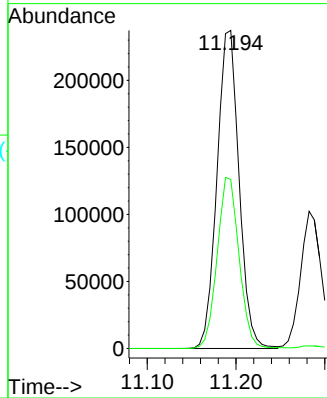
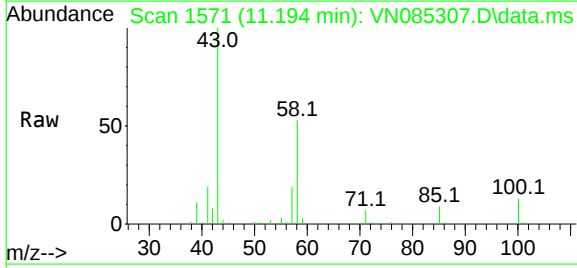
#59
2-Hexanone
Concen: 199.157 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 409350
Ion Ratio Lower Upper
43 100
58 53.5 25.8 77.4

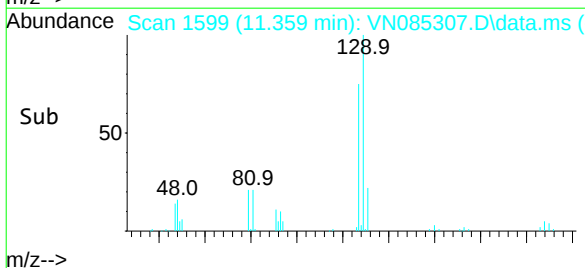
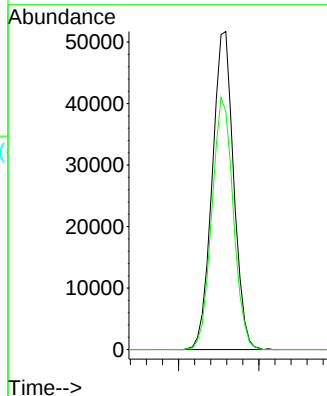
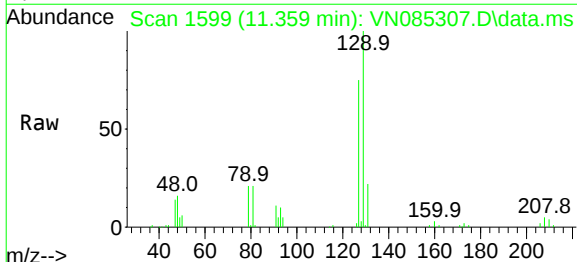
Manual Integrations
APPROVED

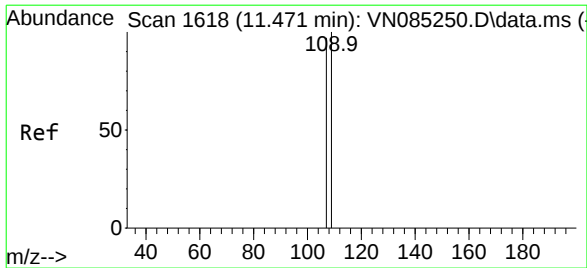
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#60
Dibromochloromethane
Concen: 44.449 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

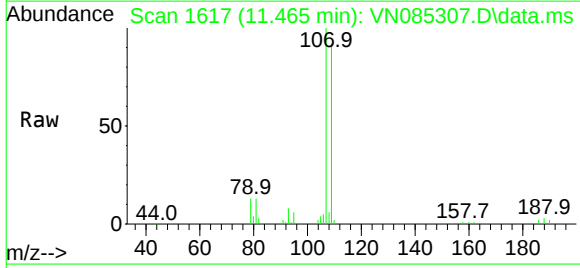
Tgt Ion:129 Resp: 95975
Ion Ratio Lower Upper
129 100
127 79.0 39.6 118.8





#61
1,2-Dibromoethane
Concen: 43.726 ug/l
RT: 11.465 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

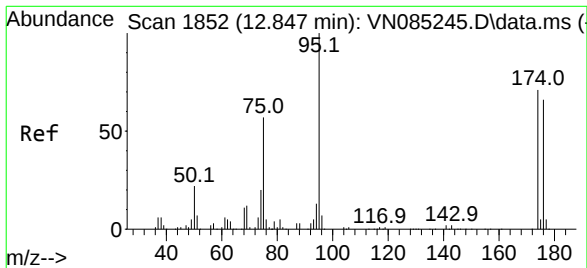
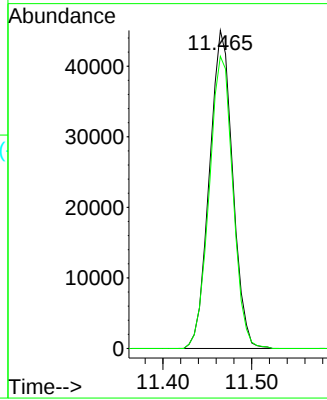
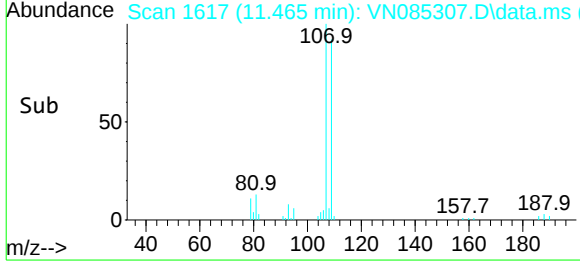
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 82055
Ion Ratio Lower Upper
107 100
109 93.4 74.2 111.4

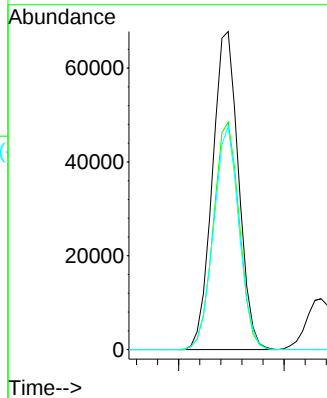
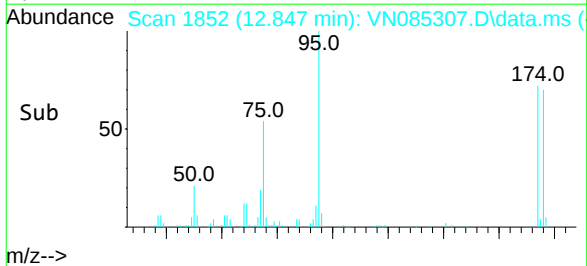
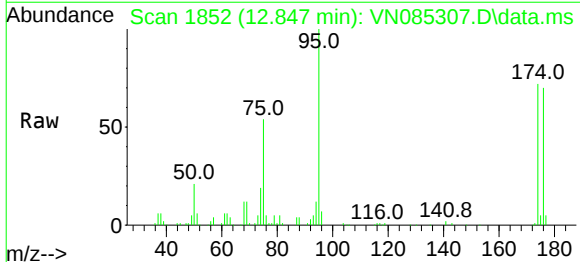
Manual Integrations
APPROVED

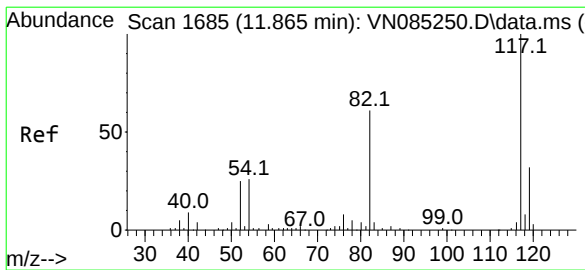
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024



#62
4-Bromofluorobenzene
Concen: 47.822 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

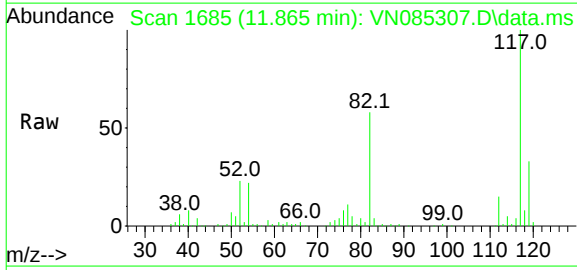
Tgt Ion: 95 Resp: 116620
Ion Ratio Lower Upper
95 100
174 71.1 0.0 144.4
176 68.5 0.0 136.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

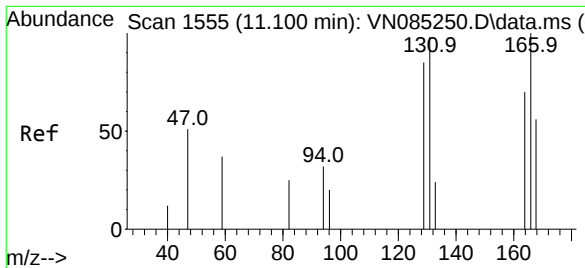
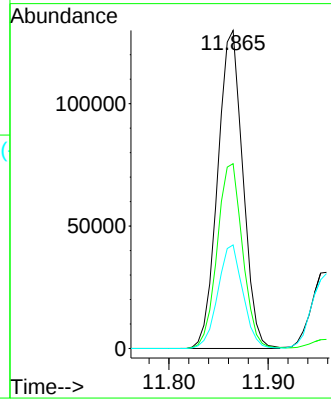
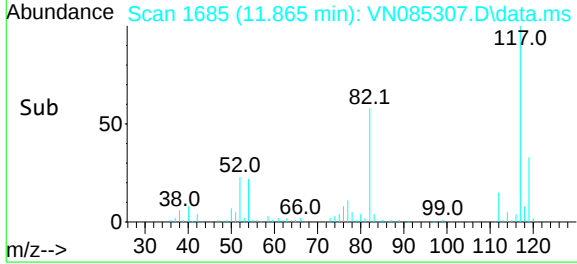
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



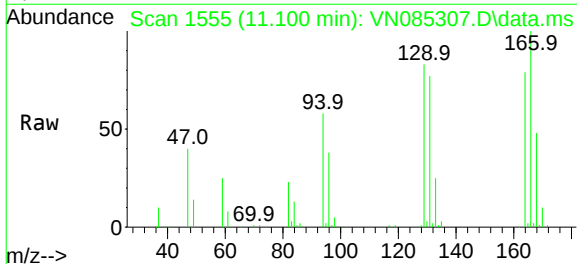
Tgt Ion:117 Resp: 228762
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 32.6 25.6 38.4

Manual Integrations
APPROVED

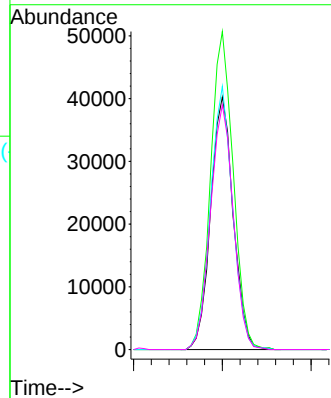
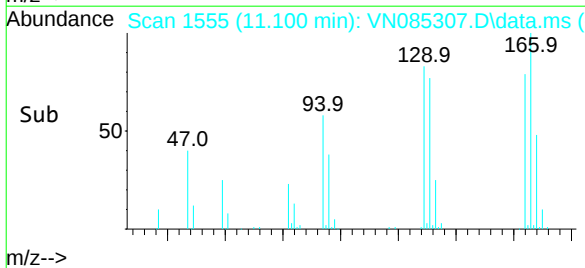
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

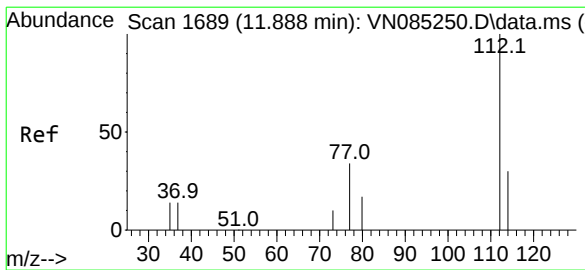


#64
Tetrachloroethene
Concen: 46.299 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23



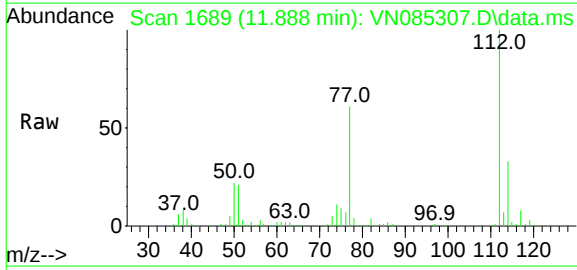
Tgt Ion:164 Resp: 71272
Ion Ratio Lower Upper
164 100
166 125.9 101.5 152.3
129 104.2 79.4 119.2
131 96.9 73.9 110.9





#65
Chlorobenzene
Concen: 47.226 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

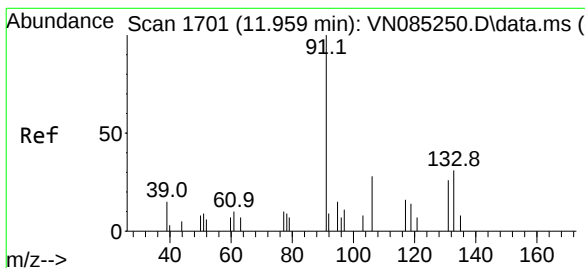
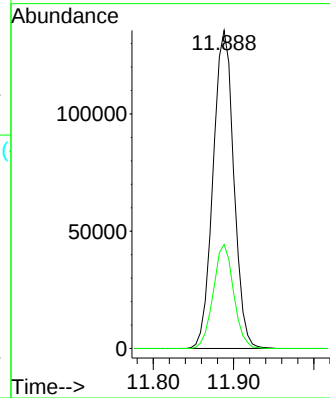
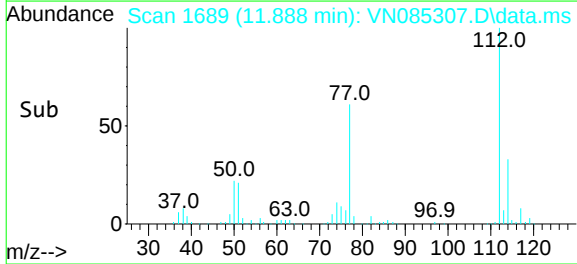
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 242847
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4

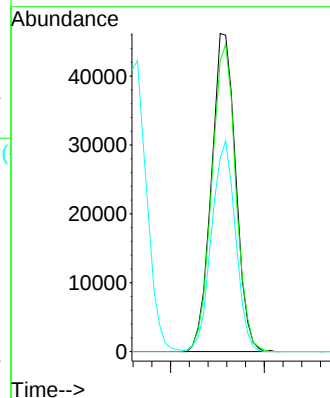
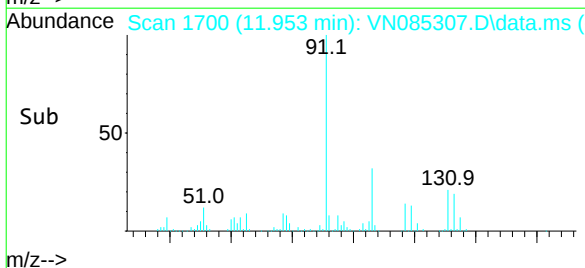
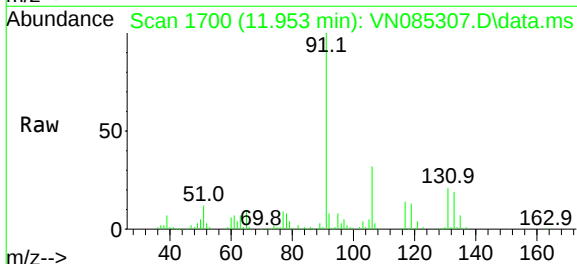
Manual Integrations
APPROVED

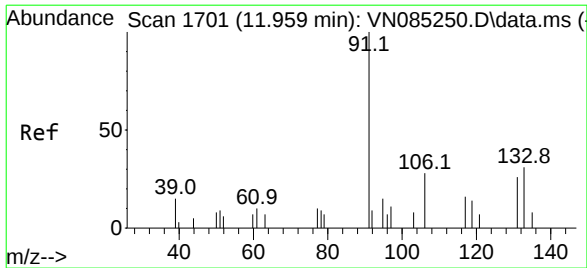
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 46.436 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Tgt Ion:131 Resp: 83309
Ion Ratio Lower Upper
131 100
133 95.5 48.6 145.8
119 65.1 32.5 97.5





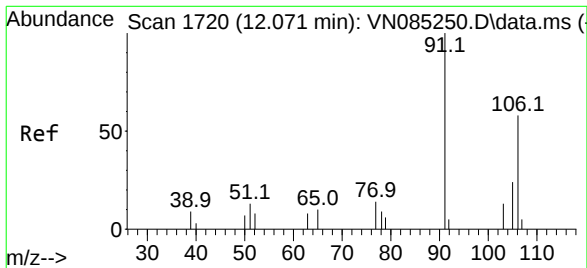
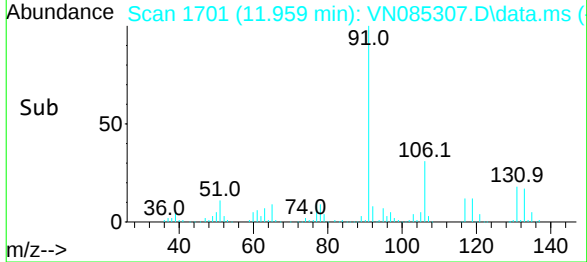
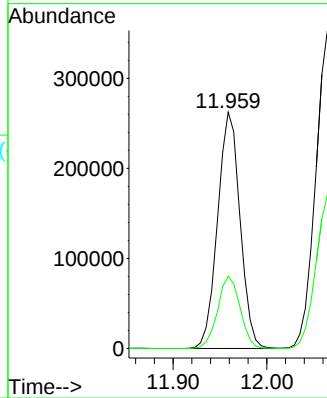
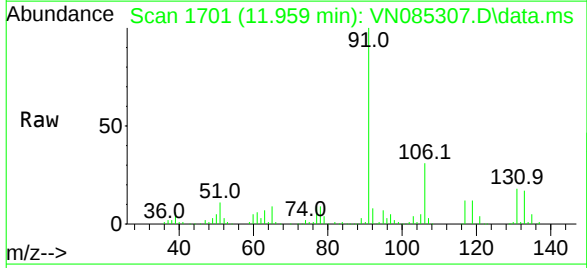
#67
Ethyl Benzene
Concen: 49.582 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 437013
Ion Ratio Lower Upper
91 100
106 30.6 23.5 35.3

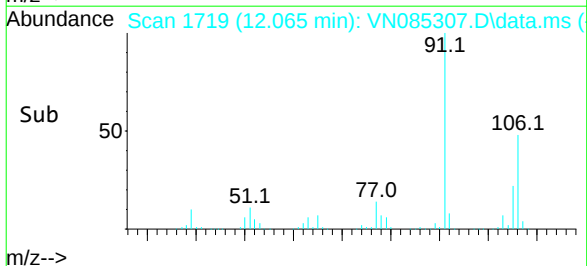
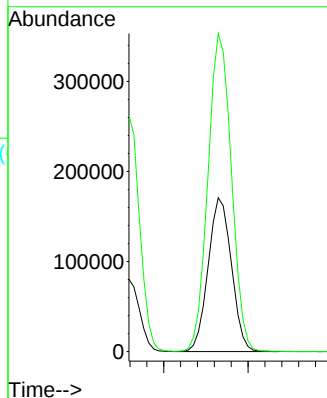
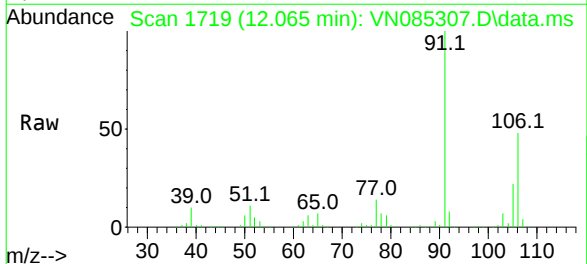
Manual Integrations
APPROVED

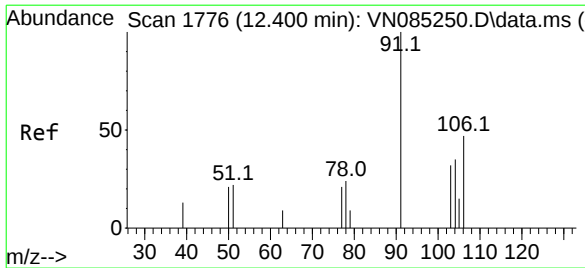
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#68
m/p-Xylenes
Concen: 99.623 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Tgt Ion:106 Resp: 328404
Ion Ratio Lower Upper
106 100
91 208.4 168.3 252.5





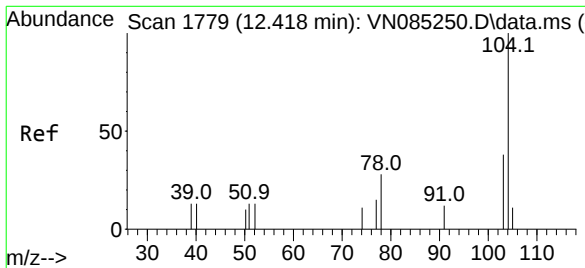
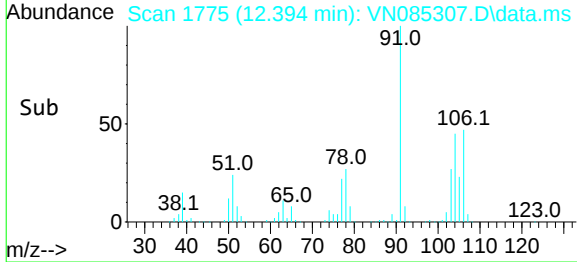
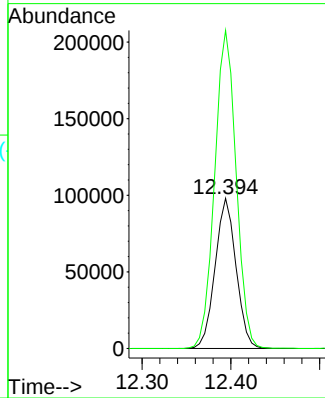
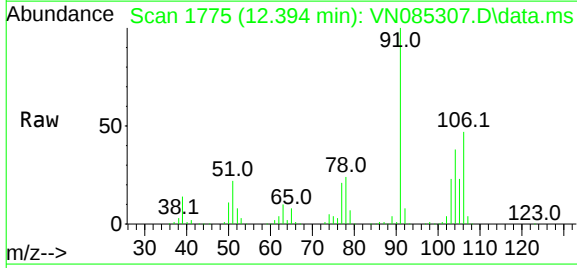
#69
o-Xylene
Concen: 51.771 ug/l
RT: 12.394 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 160414
Ion Ratio Lower Upper
106 100
91 217.2 112.1 336.2

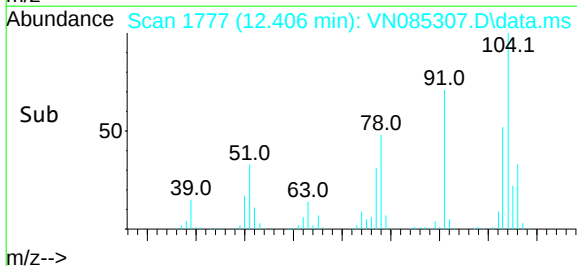
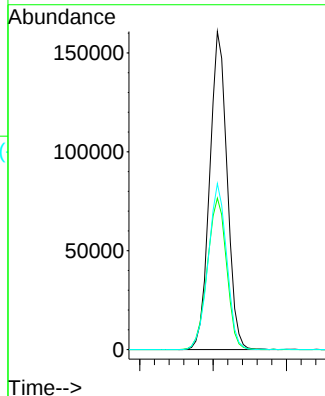
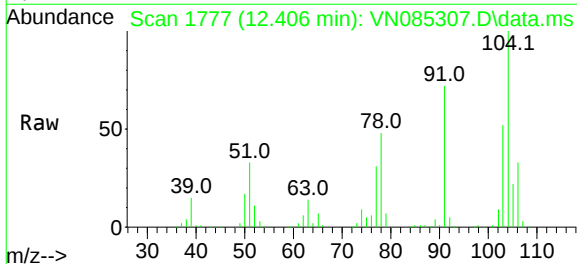
Manual Integrations
APPROVED

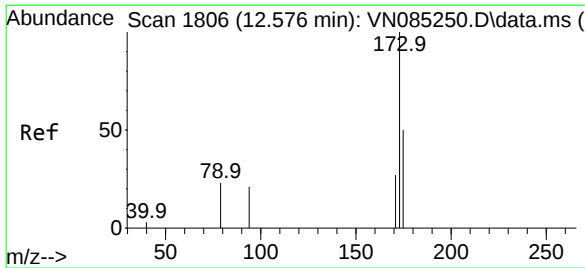
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#70
Styrene
Concen: 51.507 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Tgt Ion:104 Resp: 266433
Ion Ratio Lower Upper
104 100
78 52.3 43.2 64.8
103 55.4 44.6 66.8





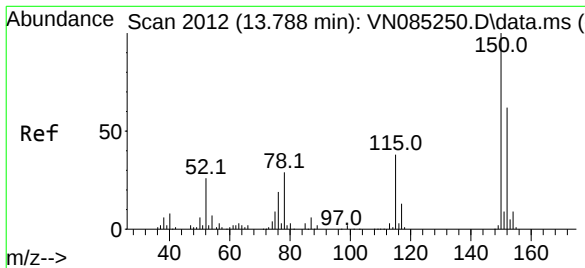
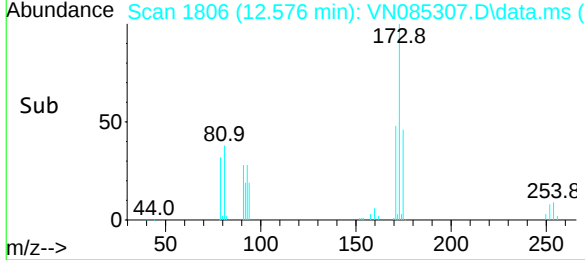
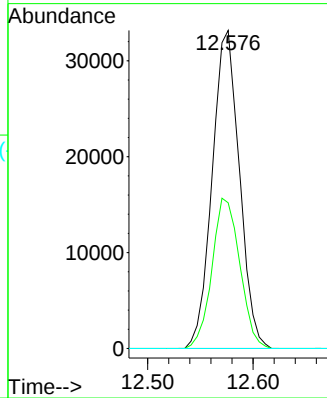
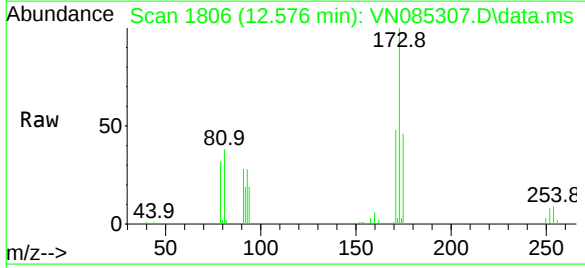
#71
Bromoform
Concen: 42.283 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	173	Resp:	59461
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.5	73.5
254	0.0	0.0	0.0

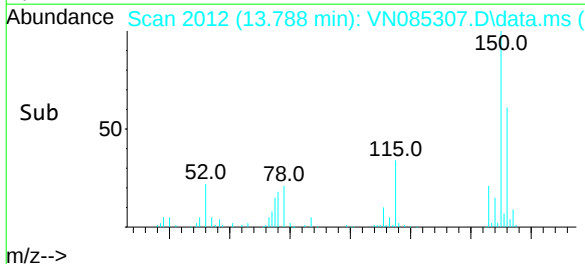
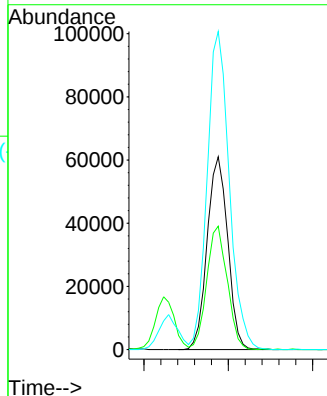
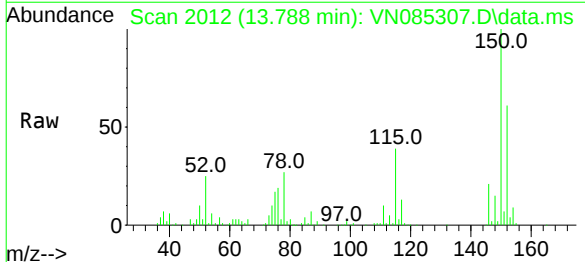
Manual Integrations
APPROVED

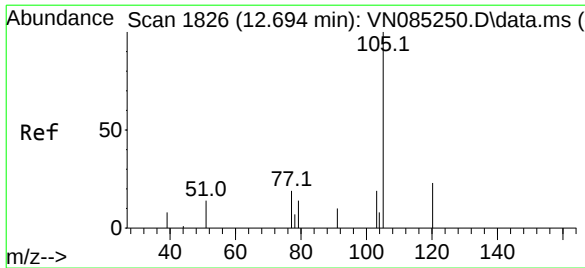
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Tgt Ion:	152	Resp:	103470
Ion Ratio	Lower	Upper	
152	100		
115	63.7	32.1	96.3
150	177.0	0.0	354.6





#73

Isopropylbenzene

Concen: 54.668 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 408048

Ion Ratio Lower Upper

105 100

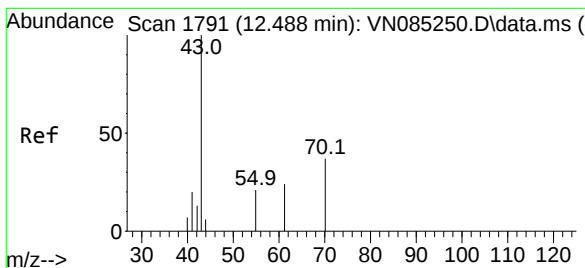
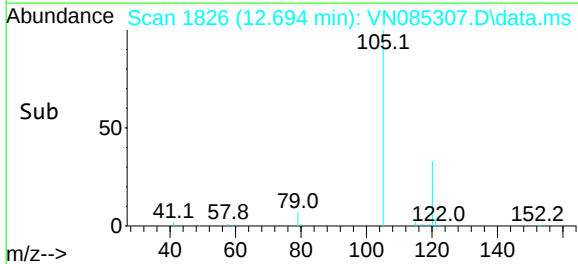
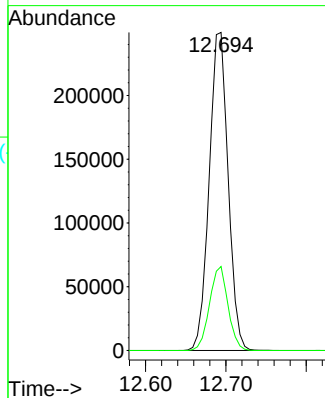
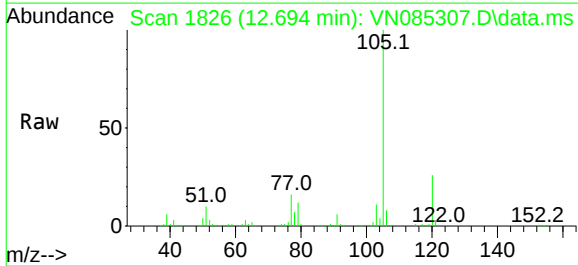
120 25.8 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#74

N-ethyl acetate

Concen: 47.710 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

Tgt Ion: 43 Resp: 177861

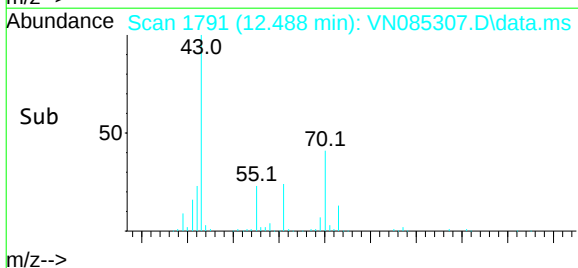
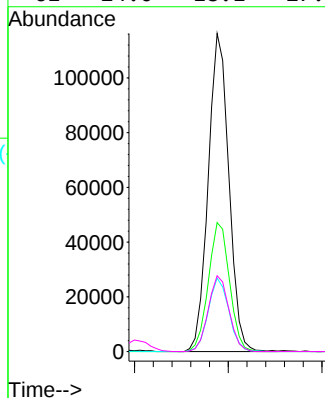
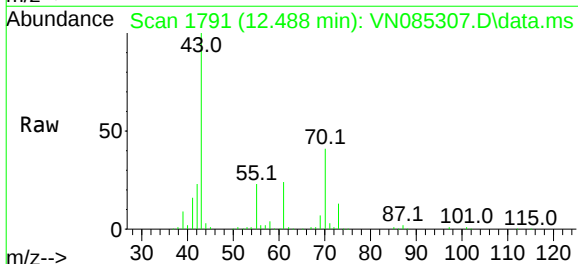
Ion Ratio Lower Upper

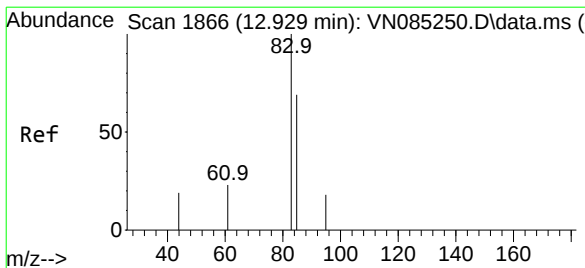
43 100

70 41.5 31.5 47.3

55 23.2 19.0 28.4

61 24.0 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 42.779 ug/l

RT: 12.935 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085307.D

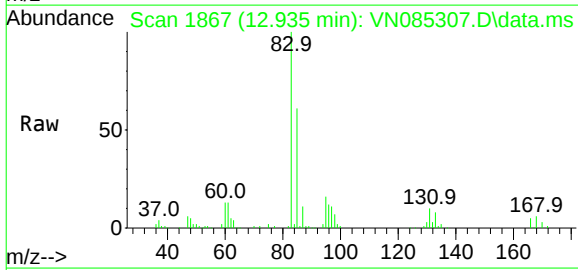
Acq: 23 Dec 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



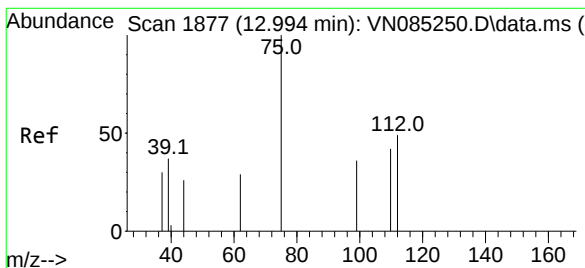
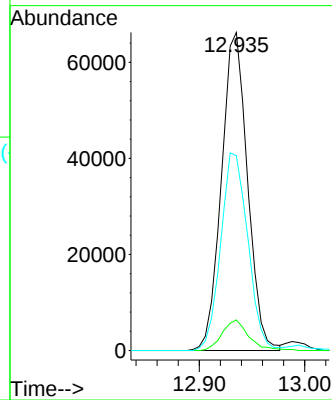
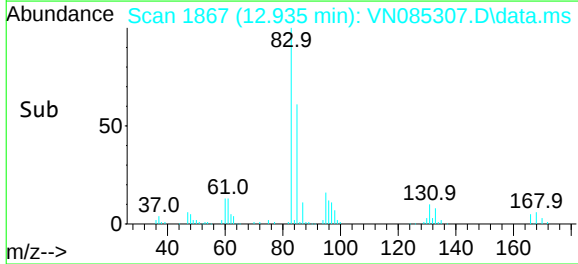
Tgt Ion:	83	Resp:	113769
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.7	14.1
85	64.6	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#76

1,2,3-Trichloropropane

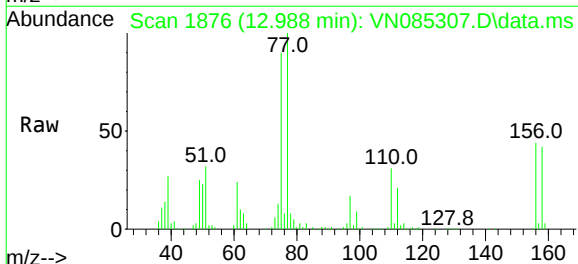
Concen: 41.493 ug/l m

RT: 12.988 min Scan# 1876

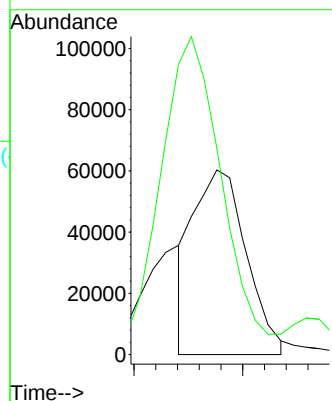
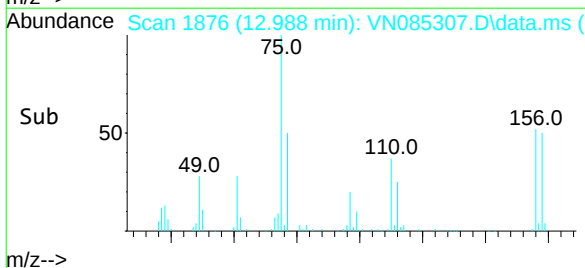
Delta R.T. -0.006 min

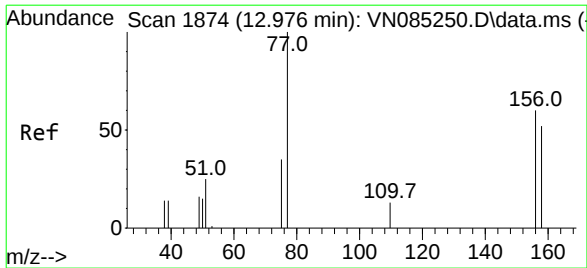
Lab File: VN085307.D

Acq: 23 Dec 2024 20:23



Tgt Ion:	75	Resp:	102337
Ion	Ratio	Lower	Upper
75	100		
77	199.7	102.6	307.7





#77

Bromobenzene

Concen: 45.420 ug/l

RT: 12.976 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

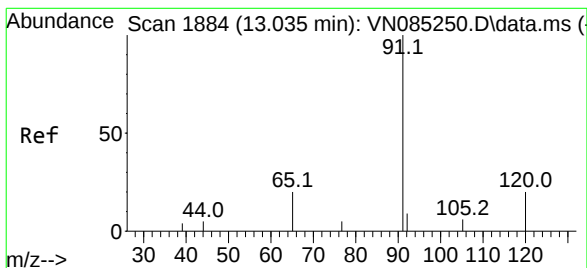
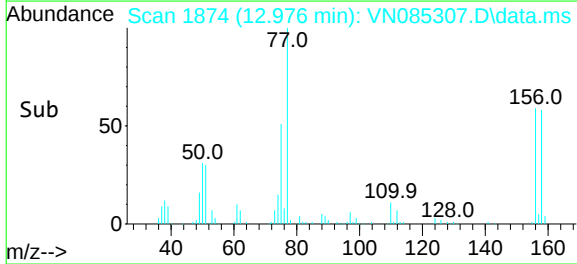
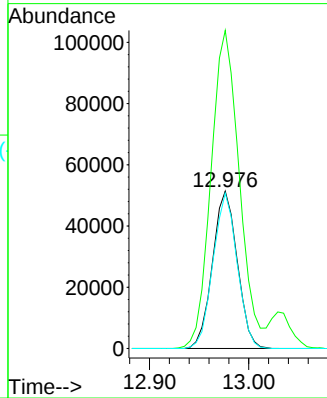
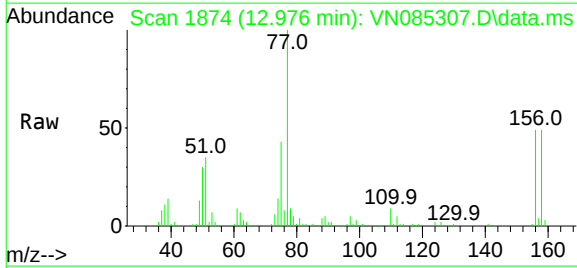
Tgt Ion:	156	Resp:	89012
Ion Ratio	Lower	Upper	
156	100		
77	229.7	115.8	347.3
158	96.3	47.9	143.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#78

n-propylbenzene

Concen: 51.482 ug/l

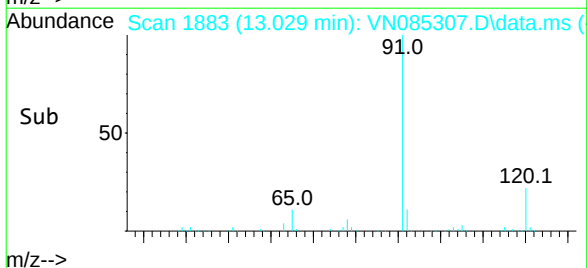
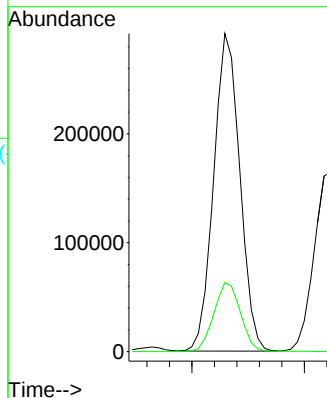
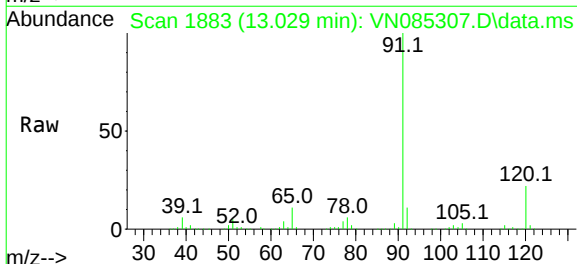
RT: 13.029 min Scan# 1883

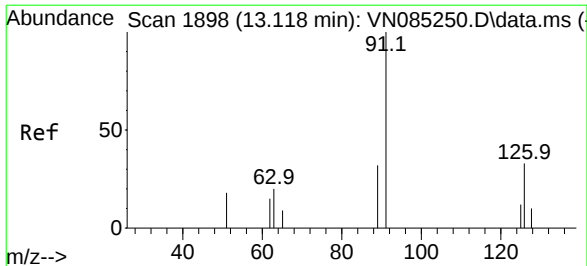
Delta R.T. -0.006 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

Tgt Ion:	91	Resp:	471269
Ion Ratio	Lower	Upper	
91	100		
120	22.1	10.8	32.3





#79

2-Chlorotoluene

Concen: 48.903 ug/l

RT: 13.123 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 284228

Ion Ratio Lower Upper

91 100

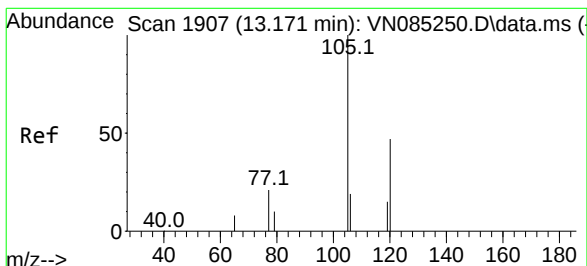
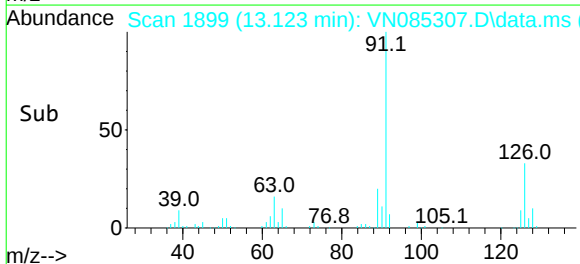
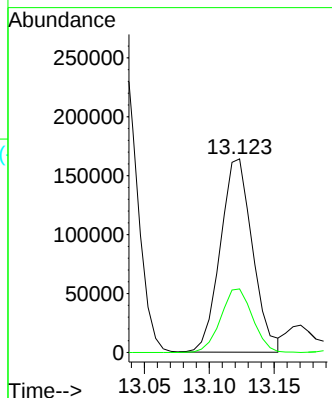
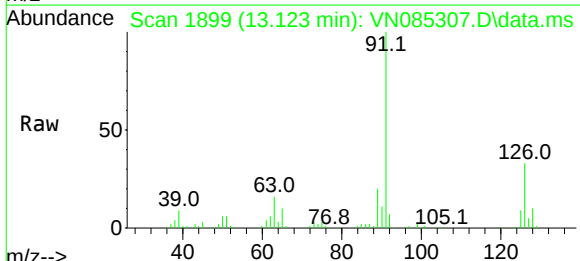
126 32.5 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#80

1,3,5-Trimethylbenzene

Concen: 53.009 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085307.D

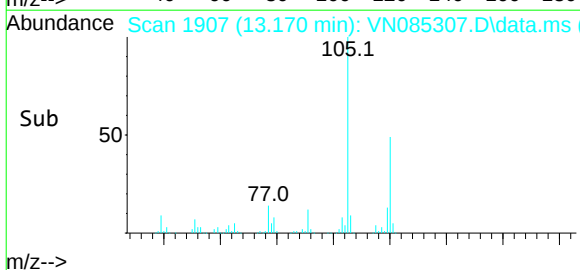
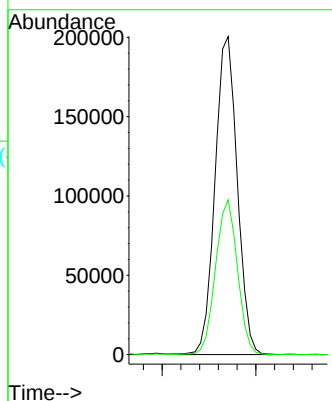
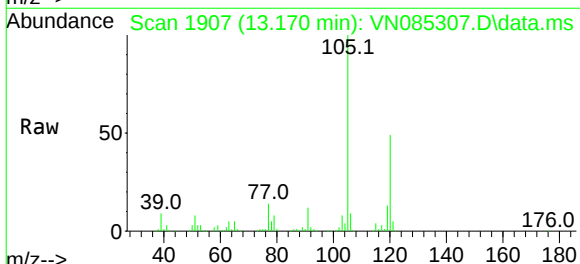
Acq: 23 Dec 2024 20:23

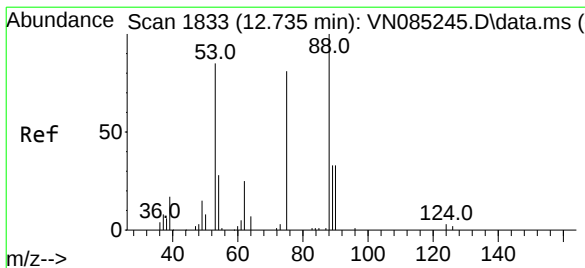
Tgt Ion:105 Resp: 330019

Ion Ratio Lower Upper

105 100

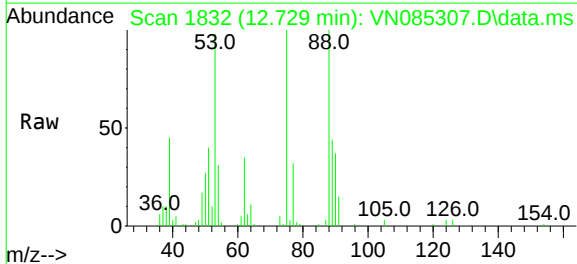
120 47.9 23.4 70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 44.903 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

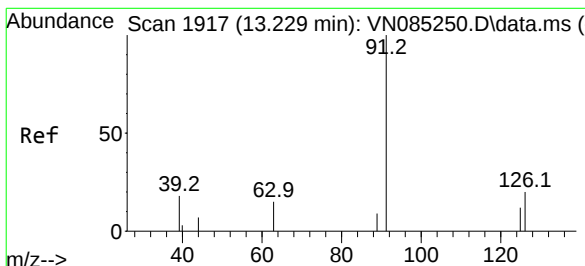
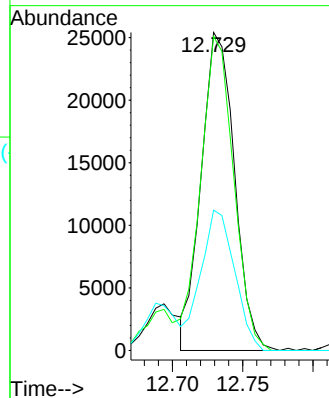
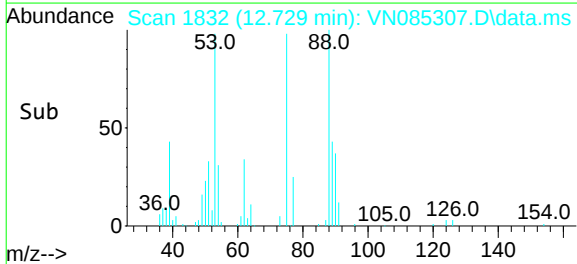
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 41708
Ion Ratio Lower Upper
75 100
53 99.6 84.9 127.3
89 45.1 37.9 56.9

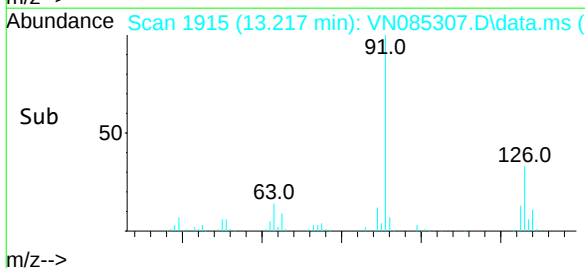
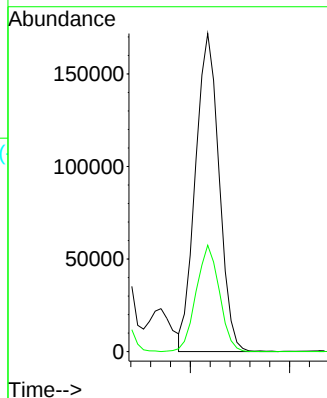
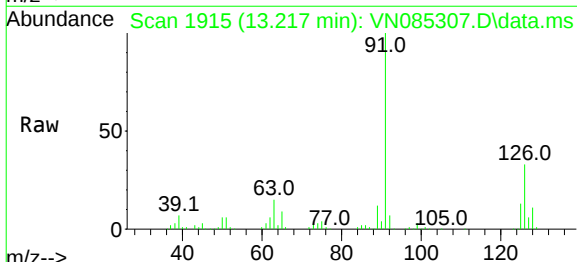
Manual Integrations
APPROVED

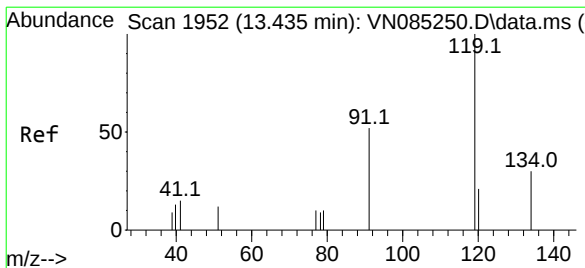
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#82
4-Chlorotoluene
Concen: 48.363 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

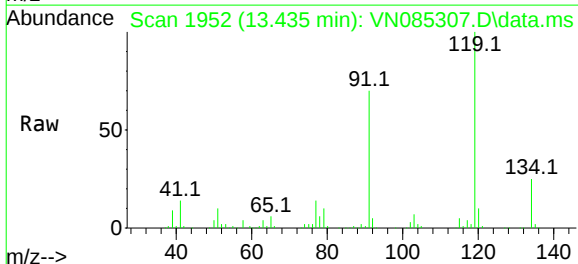
Tgt Ion: 91 Resp: 284446
Ion Ratio Lower Upper
91 100
126 32.9 15.6 46.8





#83
tert-Butylbenzene
Concen: 54.209 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

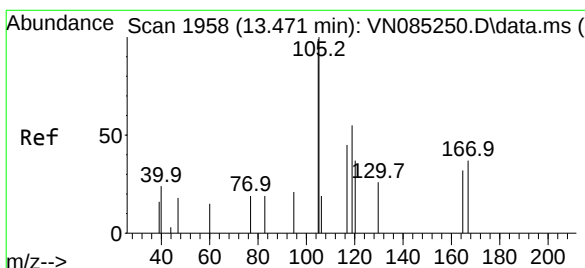
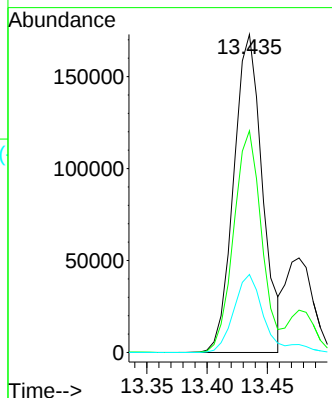
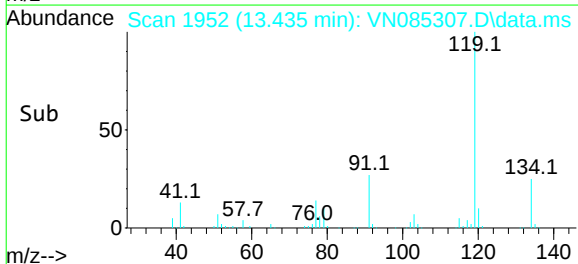
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 286215
Ion Ratio Lower Upper
119 100
91 67.5 36.3 108.7
134 26.2 12.2 36.6

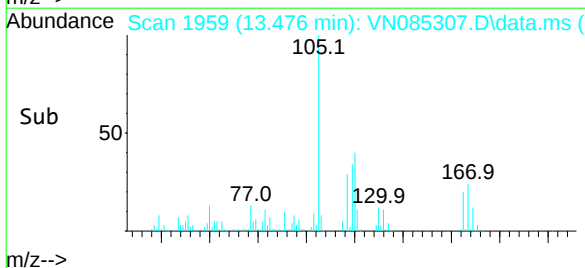
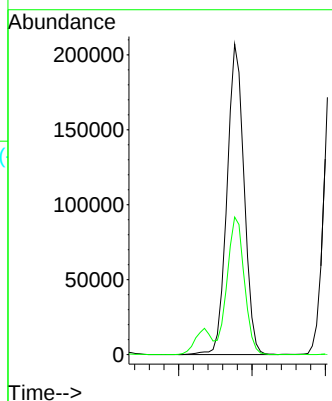
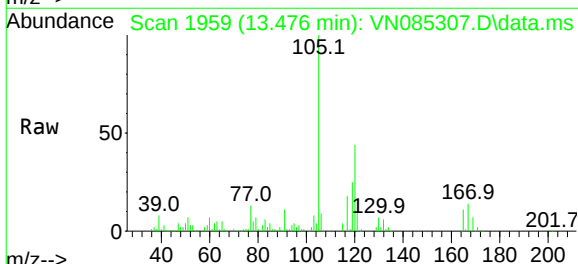
Manual Integrations
APPROVED

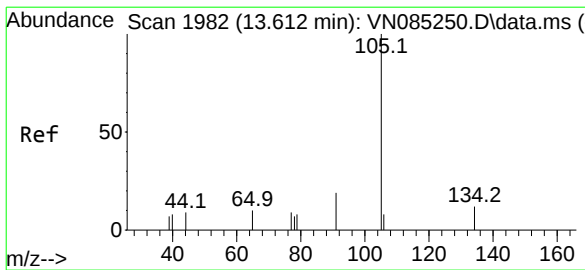
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#84
1,2,4-Trimethylbenzene
Concen: 52.510 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

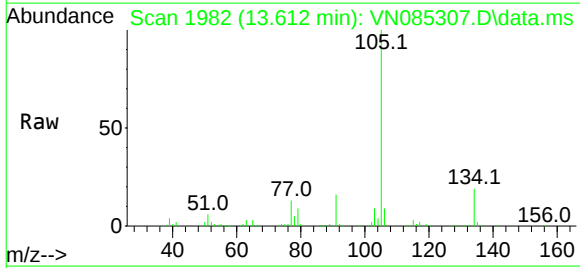
Tgt Ion:105 Resp: 334166
Ion Ratio Lower Upper
105 100
120 45.1 21.8 65.3





#85
sec-Butylbenzene
Concen: 54.499 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

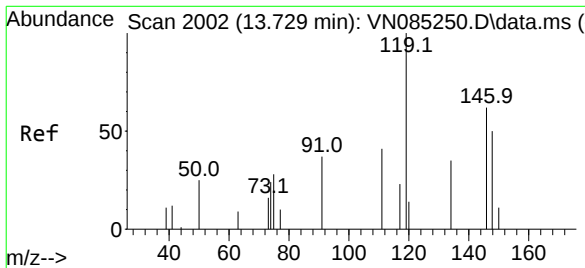
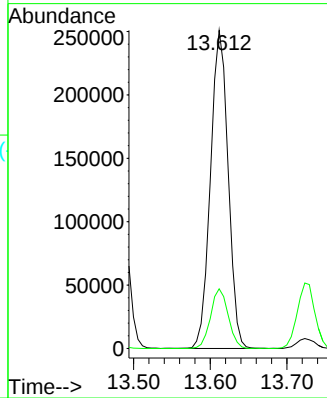
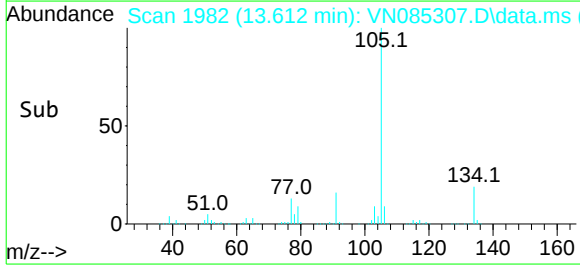
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



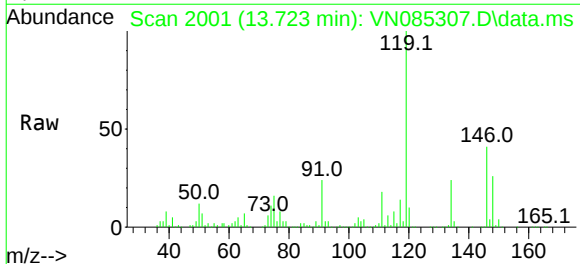
Tgt Ion:105 Resp: 401162
Ion Ratio Lower Upper
105 100
134 18.7 9.4 28.3

Manual Integrations
APPROVED

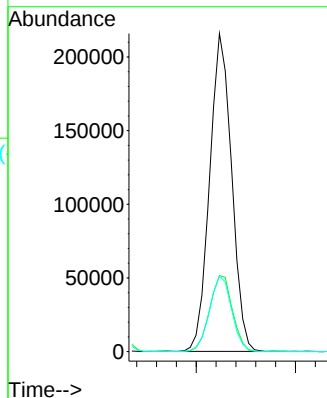
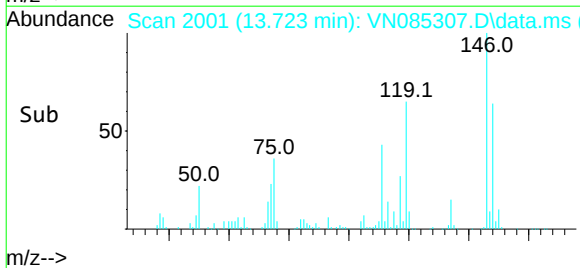
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

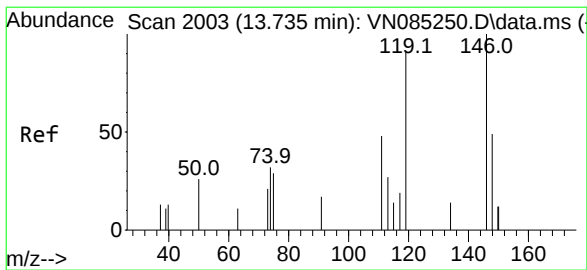


#86
p-Isopropyltoluene
Concen: 46.771 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23



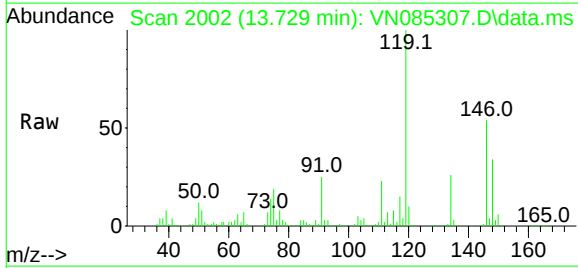
Tgt Ion:119 Resp: 332203
Ion Ratio Lower Upper
119 100
134 24.8 12.5 37.5
91 23.9 13.0 38.9





#87
1,3-Dichlorobenzene
Concen: 46.695 ug/l
RT: 13.729 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

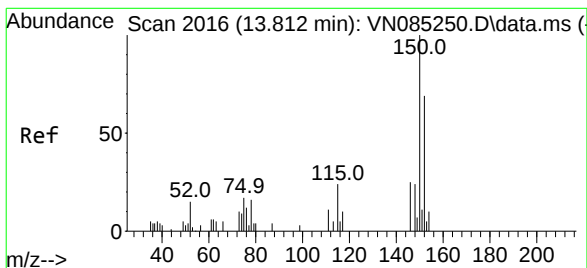
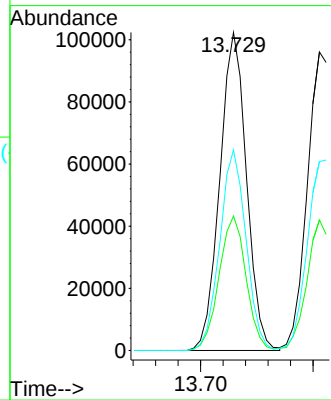
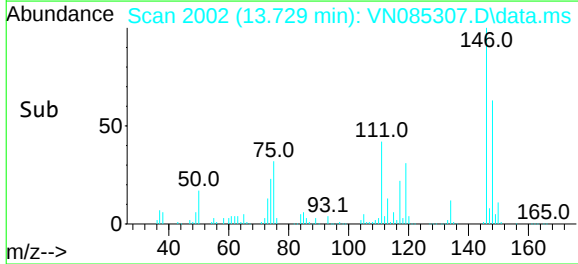
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 168522
Ion Ratio Lower Upper
146 100
111 42.8 21.5 64.5
148 62.1 31.4 94.0

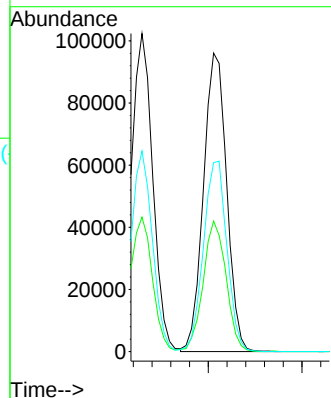
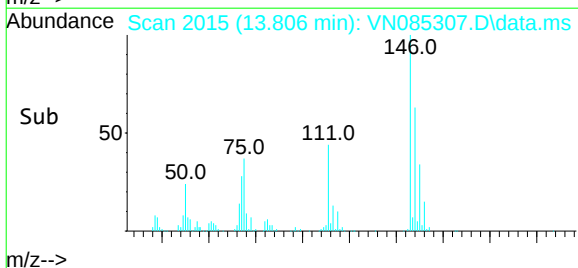
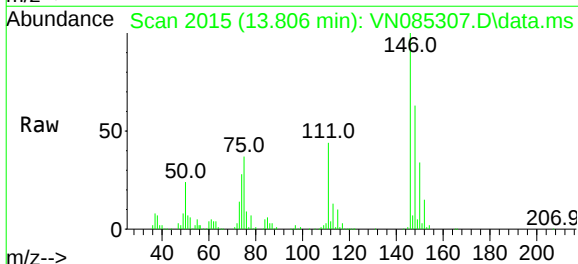
Manual Integrations
APPROVED

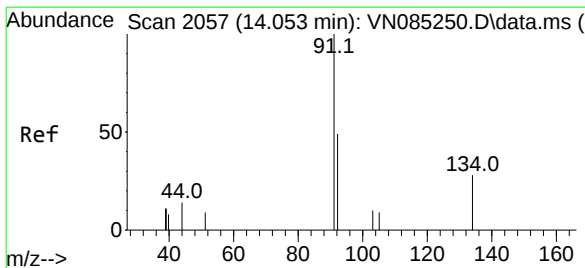
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#88
1,4-Dichlorobenzene
Concen: 44.275 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

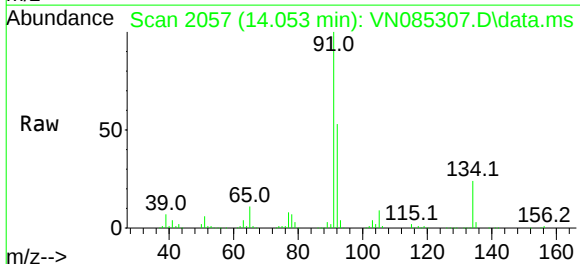
Tgt Ion:146 Resp: 165332
Ion Ratio Lower Upper
146 100
111 43.3 20.8 62.5
148 64.7 31.9 95.9





#89
n-Butylbenzene
Concen: 53.131 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

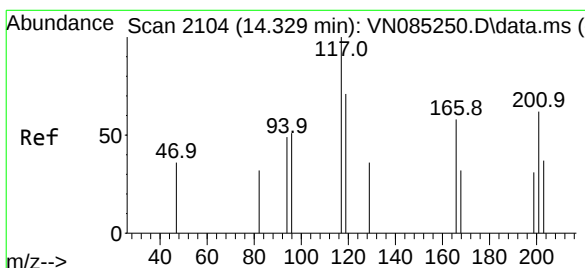
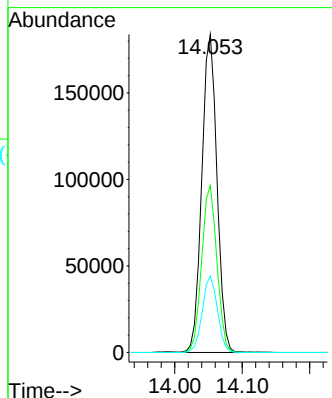
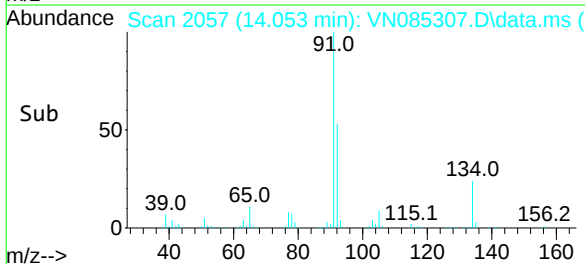
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 287609
Ion Ratio Lower Upper
91 100
92 52.5 25.8 77.3
134 23.9 12.0 36.0

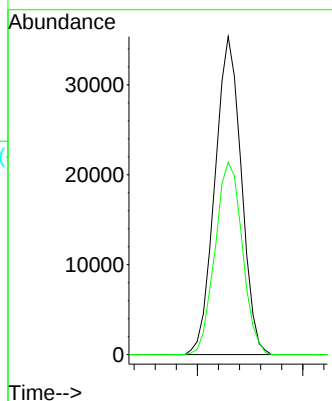
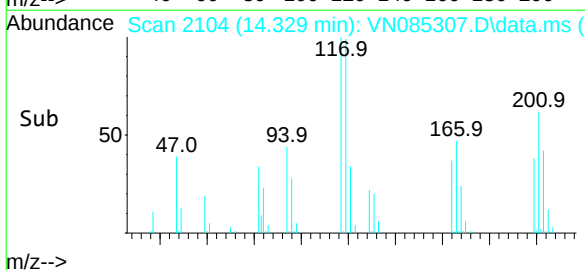
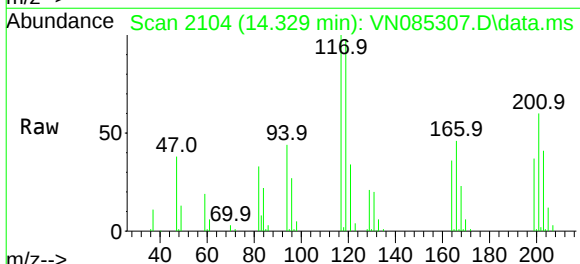
Manual Integrations
APPROVED

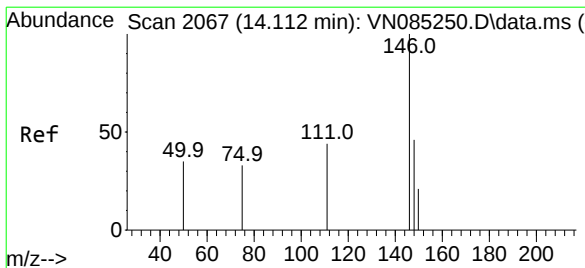
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#90
Hexachloroethane
Concen: 45.529 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Tgt Ion:117 Resp: 61565
Ion Ratio Lower Upper
117 100
201 62.5 31.9 95.7





#91

1,2-Dichlorobenzene

Concen: 47.193 ug/l

RT: 14.100 min Scan# 2067

Delta R.T. -0.006 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

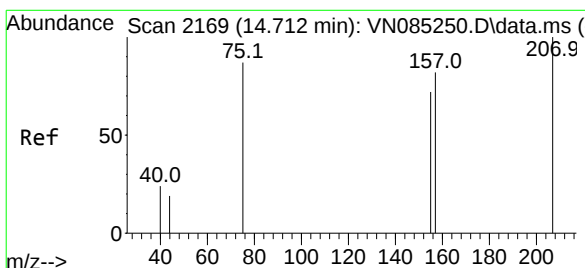
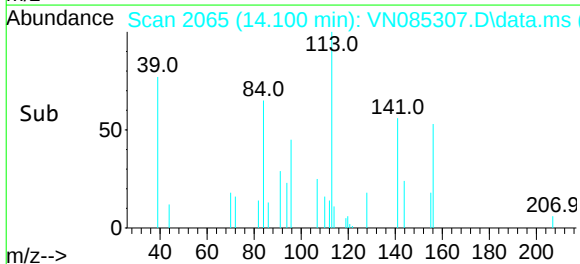
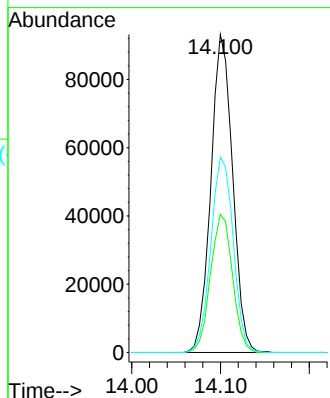
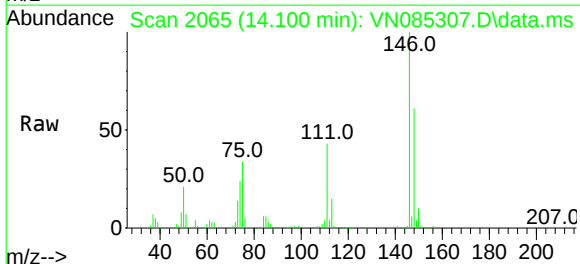
Tgt Ion:	146	Resp:	158414
Ion Ratio	Lower	Upper	
146	100		
111	43.9	22.1	66.1
148	63.4	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.364 ug/l

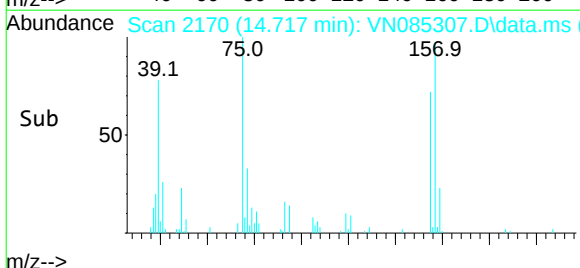
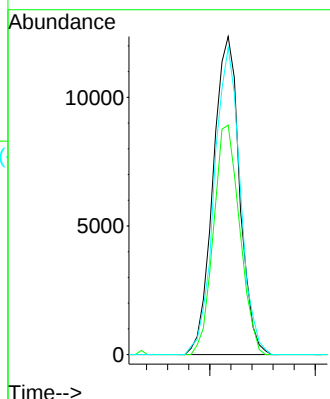
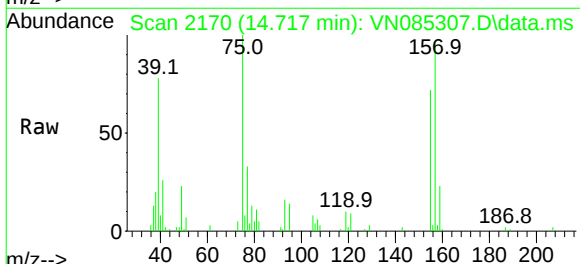
RT: 14.717 min Scan# 2170

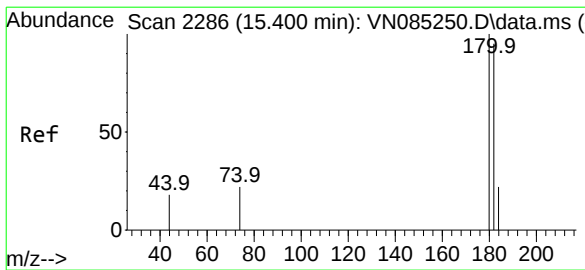
Delta R.T. -0.000 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

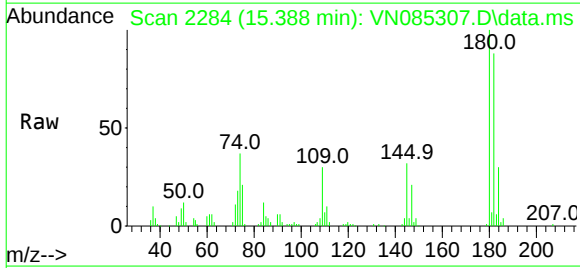
Tgt Ion:	75	Resp:	21606
Ion Ratio	Lower	Upper	
75	100		
155	71.1	35.4	106.2
157	94.8	43.3	129.9





#93
1,2,4-Trichlorobenzene
Concen: 45.986 ug/l
RT: 15.388 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

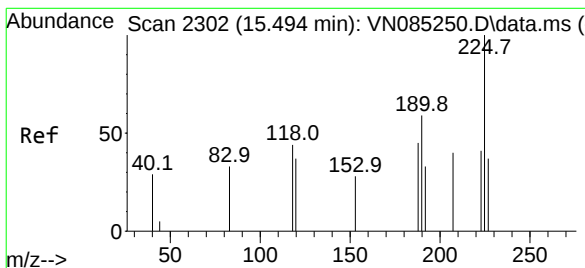
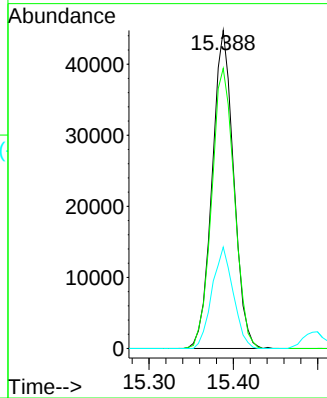
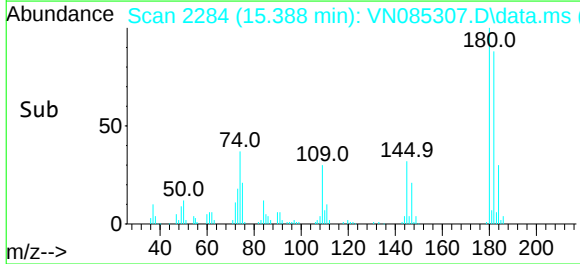
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 79017
Ion Ratio Lower Upper
180 100
182 92.6 46.3 138.8
145 31.5 16.6 49.7

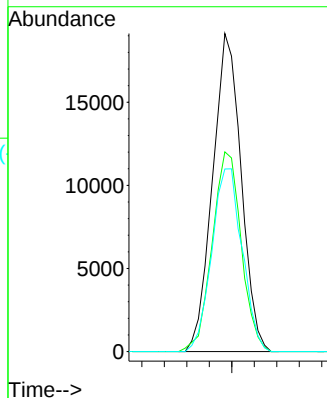
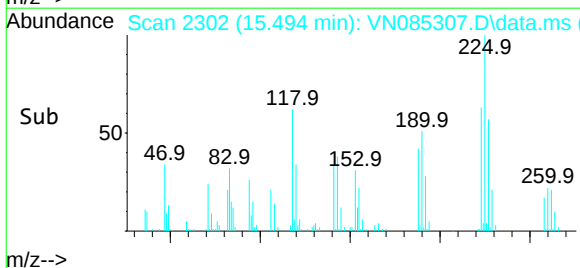
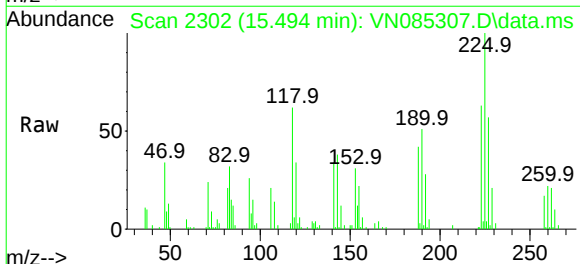
Manual Integrations
APPROVED

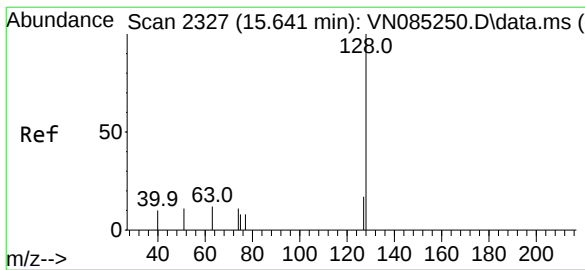
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#94
Hexachlorobutadiene
Concen: 37.747 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN085307.D
Acq: 23 Dec 2024 20:23

Tgt Ion:225 Resp: 33710
Ion Ratio Lower Upper
225 100
223 63.8 34.1 102.2
227 61.3 33.2 99.6





#95

Naphthalene

Concen: 66.502 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

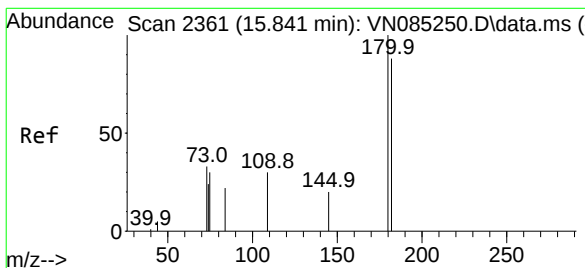
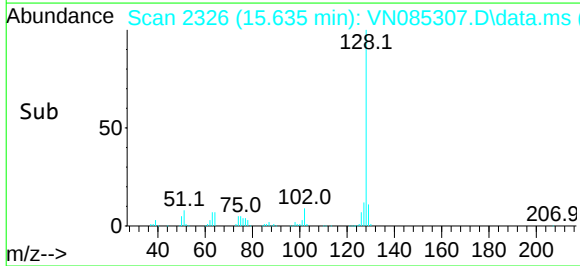
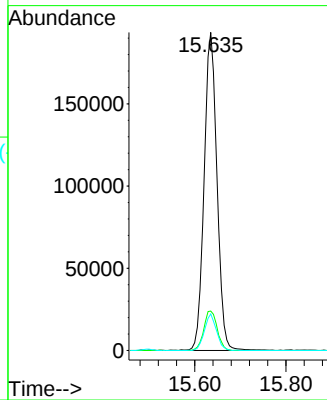
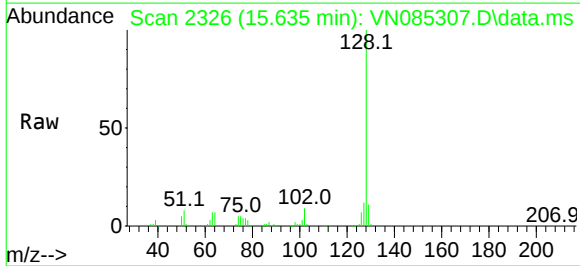
Tgt Ion:	128	Resp:	378416
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 43.683 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085307.D

Acq: 23 Dec 2024 20:23

Tgt Ion:	180	Resp:	74971
Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.9	140.6
145	36.1	17.6	52.8

