

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085309.D
 Acq On : 26 Dec 2024 10:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 27 00:40:12 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 12/27/2024
 Supervised By : Mahesh Dadoda 12/27/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	159033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	279635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	241438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	125245	45.058	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.120%		
35) Dibromofluoromethane	8.159	113	96250	48.958	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.920%		
50) Toluene-d8	10.559	98	370335	51.539	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.080%		
62) 4-Bromofluorobenzene	12.841	95	124254	48.414	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	119615	47.214	ug/l	96
3) Chloromethane	2.359	50	116840	48.384	ug/l	100
4) Vinyl Chloride	2.512	62	133075	58.816	ug/l	96
5) Bromomethane	2.953	94	84270	56.777	ug/l	95
6) Chloroethane	3.124	64	83735	60.359	ug/l	98
7) Trichlorofluoromethane	3.500	101	174050	47.636	ug/l	99
8) Diethyl Ether	3.959	74	60444	52.669	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	101261	51.674	ug/l	96
10) Methyl Iodide	4.589	142	121109	54.203	ug/l	94
11) Tert butyl alcohol	5.506	59	66637	172.582	ug/l	98
12) 1,1-Dichloroethene	4.342	96	95001	52.337	ug/l	88
13) Acrolein	4.171	56	135824	305.458	ug/l	98
14) Allyl chloride	5.024	41	144798	46.062	ug/l	97
15) Acrylonitrile	5.712	53	217435	206.752	ug/l	99
16) Acetone	4.418	43	181788	189.465	ug/l	93
17) Carbon Disulfide	4.712	76	274215	44.268	ug/l	98
18) Methyl Acetate	5.018	43	109918	40.466	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	315772	50.754	ug/l	99
20) Methylene Chloride	5.271	84	103862	49.486	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	97481	48.710	ug/l	92
22) Diisopropyl ether	6.665	45	331040	49.364	ug/l	99
23) Vinyl Acetate	6.594	43	1195028	230.616	ug/l	98
24) 1,1-Dichloroethane	6.559	63	189788	48.856	ug/l	98
25) 2-Butanone	7.477	43	284277	193.471	ug/l	94
26) 2,2-Dichloropropane	7.488	77	176849	49.164	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	117206	50.301	ug/l	96
28) Bromochloromethane	7.806	49	90129	46.005	ug/l	95
29) Tetrahydrofuran	7.830	42	188808	199.339	ug/l	96
30) Chloroform	7.959	83	196237	47.303	ug/l	98
31) Cyclohexane	8.253	56	171529	47.698	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	177034	47.880	ug/l	98
36) 1,1-Dichloropropene	8.365	75	142130	51.919	ug/l	98
37) Ethyl Acetate	7.553	43	123431	39.083	ug/l	98
38) Carbon Tetrachloride	8.359	117	155442	46.963	ug/l	96
39) Methylcyclohexane	9.594	83	163719	57.472	ug/l	92
40) Benzene	8.600	78	425769	49.994	ug/l	100

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Manual Integrations
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Reviewed By : John Carlone 12/27/2024
 Supervised By : Mahesh Dadoda 12/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	71034	44.134	ug/l	99
42) 1,2-Dichloroethane	8.665	62	148011	45.627	ug/l	97
43) Isopropyl Acetate	8.682	43	219162	37.947	ug/l	96
44) Trichloroethene	9.347	130	99243	52.342	ug/l	97
45) 1,2-Dichloropropane	9.618	63	104472	49.545	ug/l	95
46) Dibromomethane	9.700	93	72471	48.144	ug/l	97
47) Bromodichloromethane	9.882	83	155292	48.151	ug/l	98
48) Methyl methacrylate	9.676	41	99802	42.154	ug/l	93
49) 1,4-Dioxane	9.688	88	27157	727.519	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	615206	202.728	ug/l	97
52) Toluene	10.623	92	264403	51.633	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	160338	51.005	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	175970	52.650	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	94026	49.037	ug/l	99
56) Ethyl methacrylate	10.871	69	153330	42.413	ug/l	94
57) 1,3-Dichloropropane	11.159	76	166606	49.369	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.153	63	410710	238.327	ug/l	98
59) 2-Hexanone	11.188	43	436734	201.893	ug/l	98
60) Dibromochloromethane	11.353	129	113772	50.066	ug/l	98
61) 1,2-Dibromoethane	11.465	107	92920	47.049	ug/l	97
64) Tetrachloroethene	11.100	164	88224	54.303	ug/l	98
65) Chlorobenzene	11.888	112	281721	51.909	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.953	131	96963	51.210	ug/l	98
67) Ethyl Benzene	11.959	91	510160	54.842	ug/l	97
68) m/p-Xylenes	12.065	106	388331	111.617	ug/l	97
69) o-Xylene	12.394	106	184048	56.280	ug/l	96
70) Styrene	12.406	104	310676	56.907	ug/l	98
71) Bromoform	12.570	173	67945	45.779	ug/l #	99
73) Isopropylbenzene	12.688	105	474356	58.749	ug/l	100
74) N-amyl acetate	12.488	43	190639	47.272	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	127300	44.249	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	113798m	42.652	ug/l	
77) Bromobenzene	12.976	156	107445	50.682	ug/l	94
78) n-propylbenzene	13.029	91	566348	57.193	ug/l	99
79) 2-Chlorotoluene	13.117	91	332767	52.927	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	389966	57.903	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	48094	47.865	ug/l	92
82) 4-Chlorotoluene	13.217	91	334154	52.521	ug/l	98
83) tert-Butylbenzene	13.435	119	332785	58.265	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	392088	56.955	ug/l	97
85) sec-Butylbenzene	13.612	105	481860	60.514	ug/l	100
86) p-Isopropyltoluene	13.723	119	403276	52.248	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	199704	51.152	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	198118	49.044	ug/l	99
89) n-Butylbenzene	14.053	91	355074	60.636	ug/l	99
90) Hexachloroethane	14.329	117	73807	50.457	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	185896	51.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22428	40.652	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	97216	52.301	ug/l	97
94) Hexachlorobutadiene	15.494	225	44067	45.615	ug/l	95
95) Naphthalene	15.635	128	303294	49.272	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	92900	50.038	ug/l	99

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ClientSampleId :
VSTDCCC050

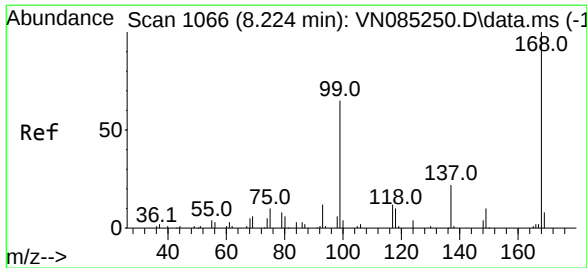
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/27/2024

Quant Time: Dec 27 00:40:12 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

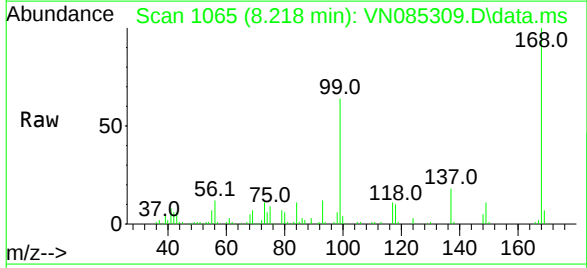
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

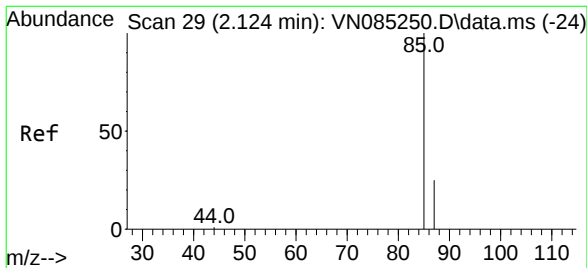
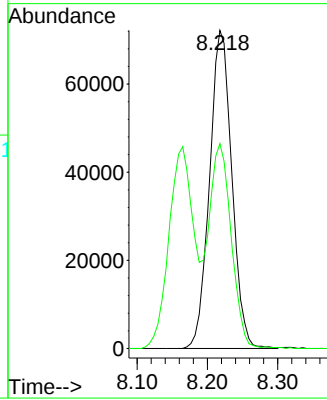
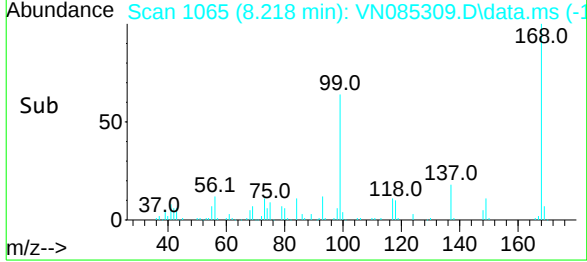
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 159033
Ion Ratio Lower Upper
168 100
99 64.1 50.7 76.1

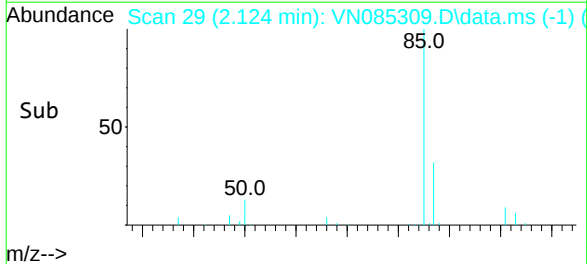
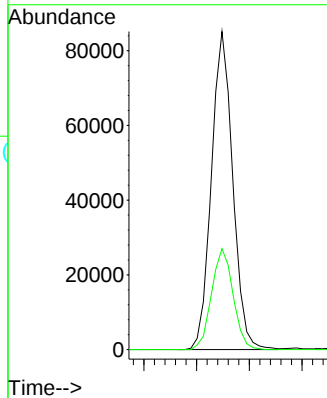
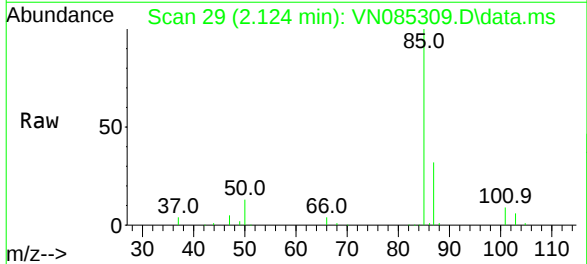
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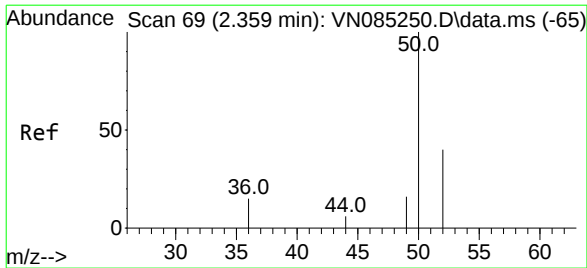
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#2
Dichlorodifluoromethane
Concen: 47.214 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

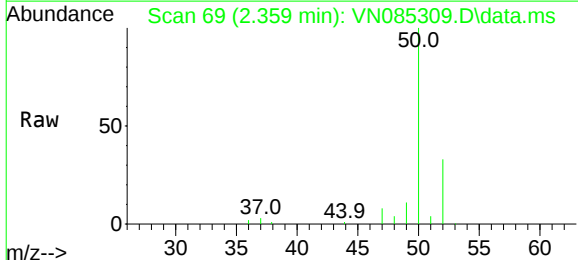
Tgt Ion: 85 Resp: 119615
Ion Ratio Lower Upper
85 100
87 31.7 17.1 51.3





#3
Chloromethane
Concen: 48.384 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

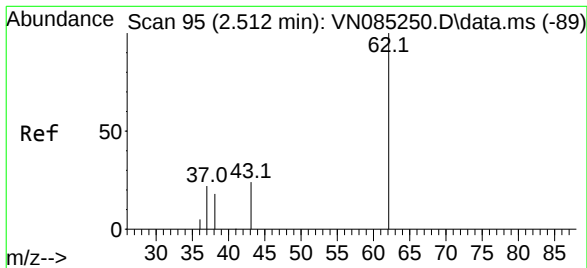
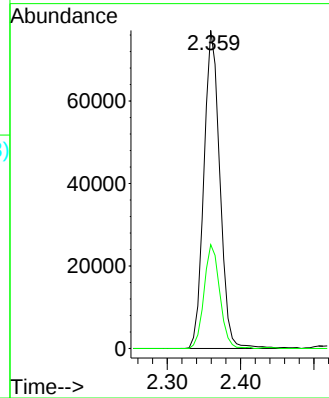
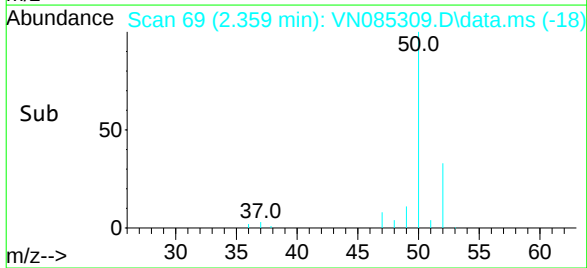
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 116840
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2

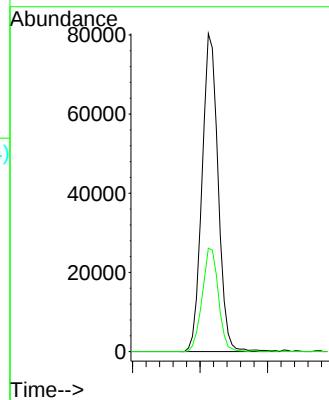
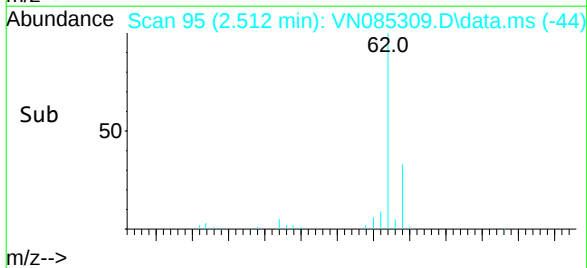
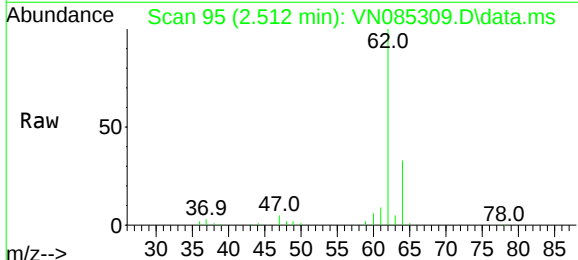
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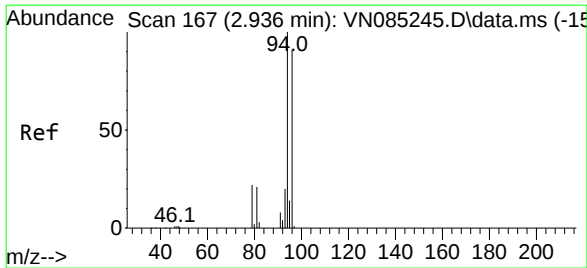
Reviewed By :John Carlone 12/27/2024
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#4
Vinyl Chloride
Concen: 58.816 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Tgt Ion: 62 Resp: 133075
Ion Ratio Lower Upper
62 100
64 32.5 24.5 36.7





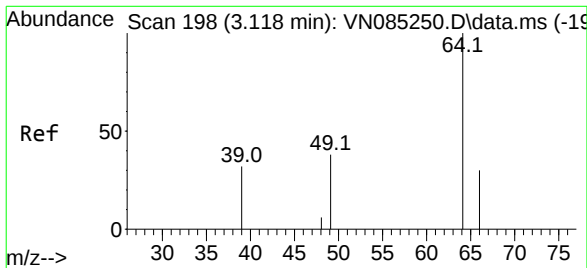
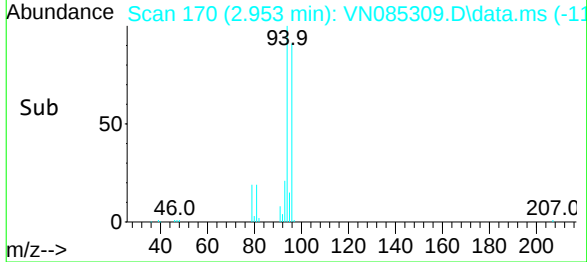
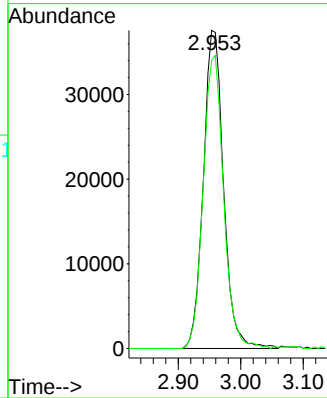
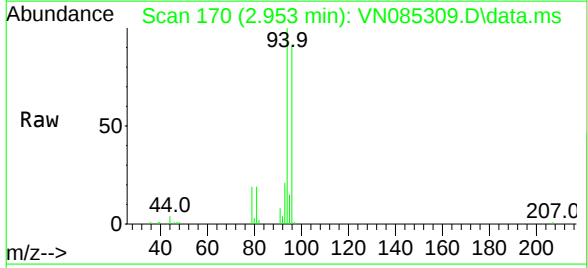
#5
Bromomethane
Concen: 56.777 ug/l
RT: 2.953 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Instrument :
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Tgt Ion: 94 Resp: 84270
Ion Ratio Lower Upper
94 100
96 90.6 76.8 115.2

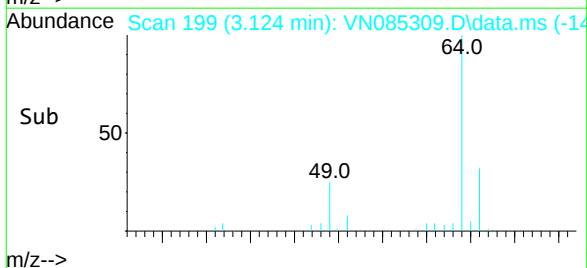
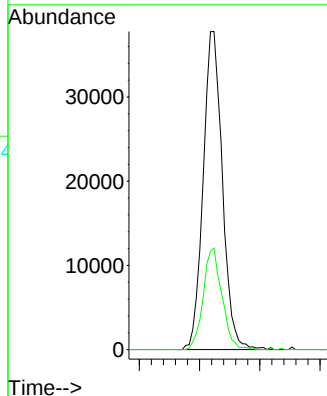
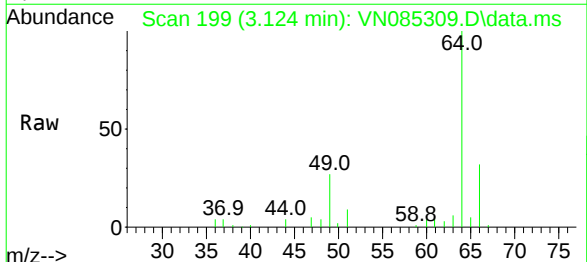
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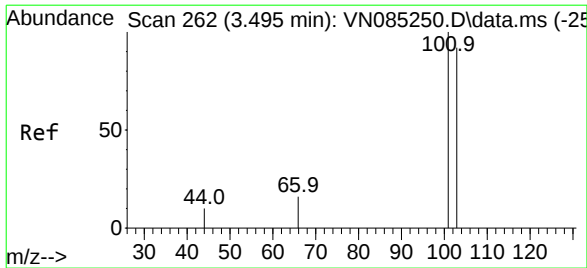
Reviewed By :John Carlone 12/27/2024
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#6
Chloroethane
Concen: 60.359 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

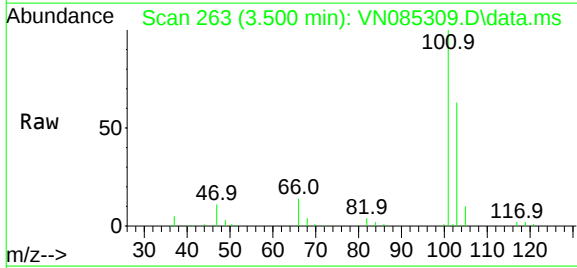
Tgt Ion: 64 Resp: 83735
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 47.636 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN085309.D
 Acq: 26 Dec 2024 10:10

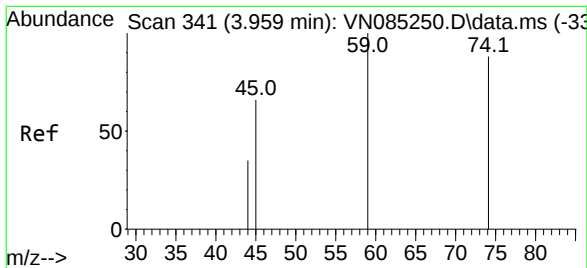
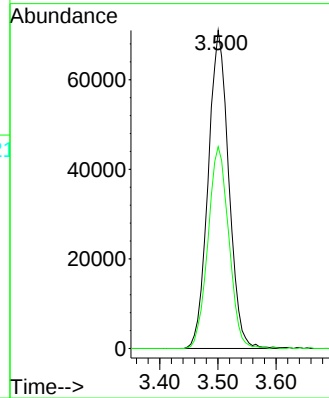
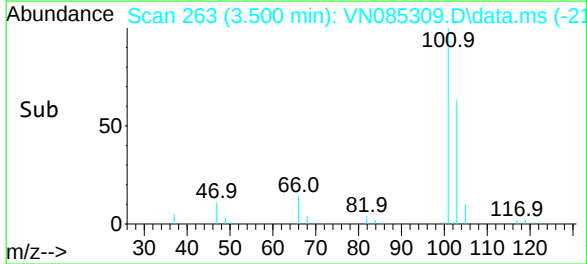
Instrument :
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 ClientSampleId :
 VSTDCCC050



Tgt Ion: 101 Resp: 174056
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.2 75.4

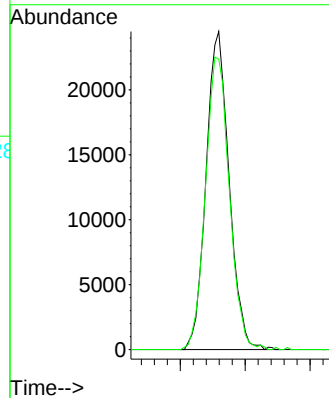
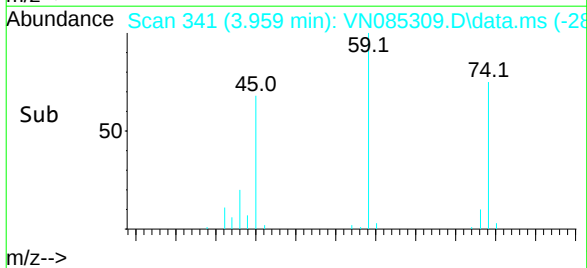
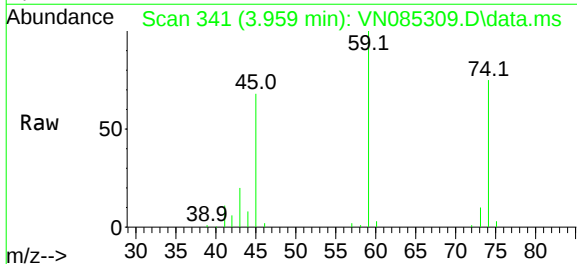
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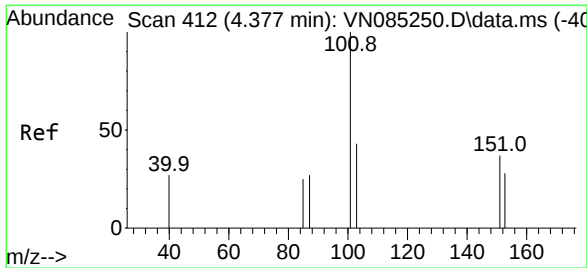
Reviewed By : John Carlone 12/27/2024
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#8
 Diethyl Ether
 Concen: 52.669 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085309.D
 Acq: 26 Dec 2024 10:10

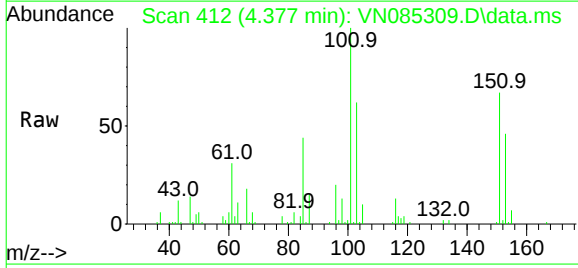
Tgt Ion: 74 Resp: 60444
 Ion Ratio Lower Upper
 74 100
 45 95.5 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.674 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN085309.D
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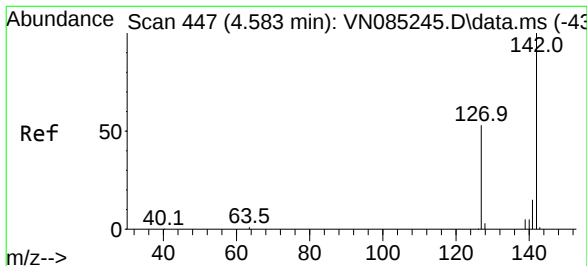
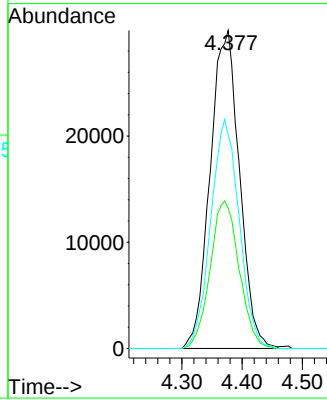
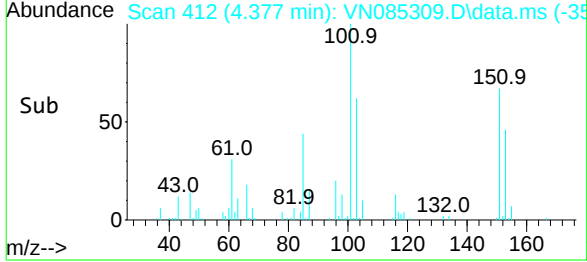
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



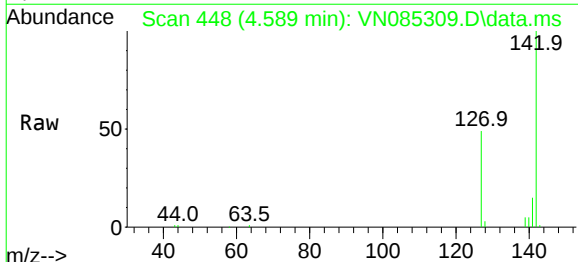
Tgt Ion:101 Resp: 101261
Ion Ratio Lower Upper
101 100
85 45.9 39.0 58.4
151 70.0 58.6 87.8

Manual Integrations
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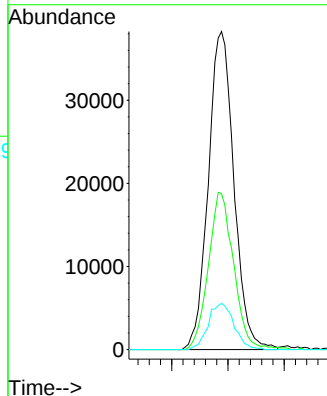
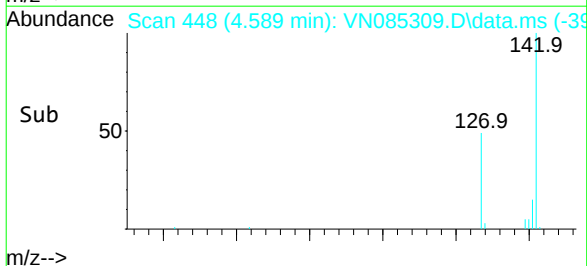
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

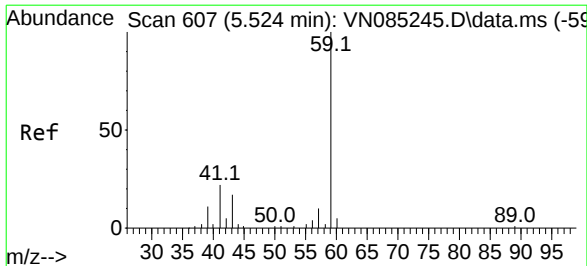


#10
Methyl Iodide
Concen: 54.203 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10



Tgt Ion:142 Resp: 121109
Ion Ratio Lower Upper
142 100
127 49.0 42.5 63.7
141 14.5 10.2 15.4





#11

Tert butyl alcohol

Concen: 172.582 ug/l

RT: 5.506 min Scan# 607

Delta R.T. -0.012 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 66637

Ion Ratio Lower Upper

59 100

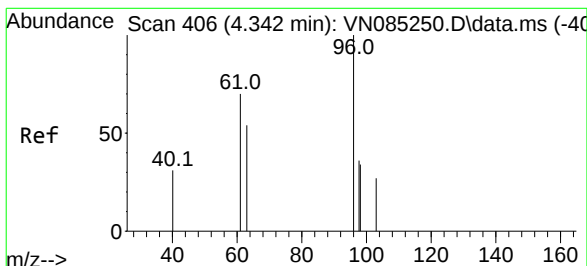
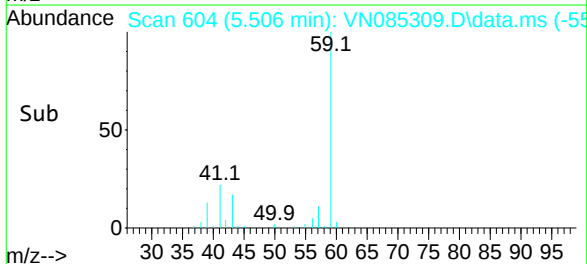
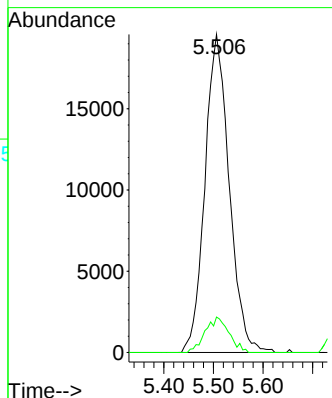
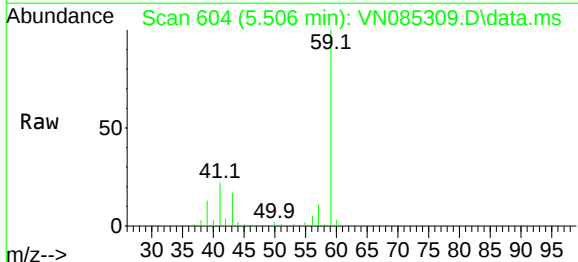
57 10.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#12

1,1-Dichloroethene

Concen: 52.337 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

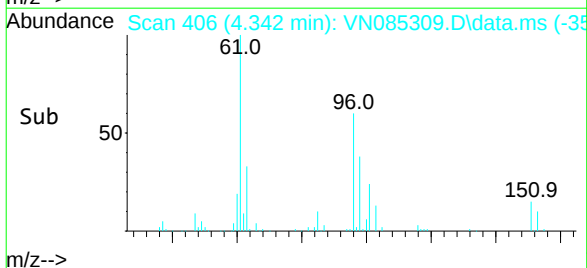
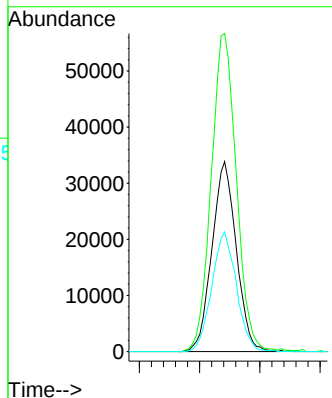
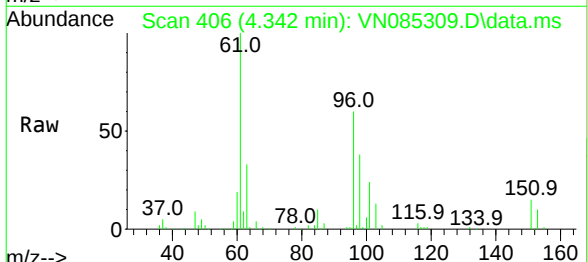
Tgt Ion: 96 Resp: 95001

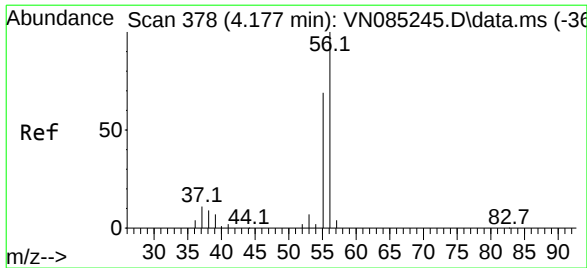
Ion Ratio Lower Upper

96 100

61 167.4 151.6 227.4

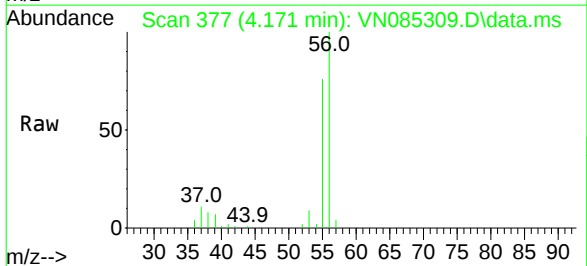
98 63.0 51.9 77.9





#13
Acrolein
Concen: 305.458 ug/l
RT: 4.171 min Scan# 37
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

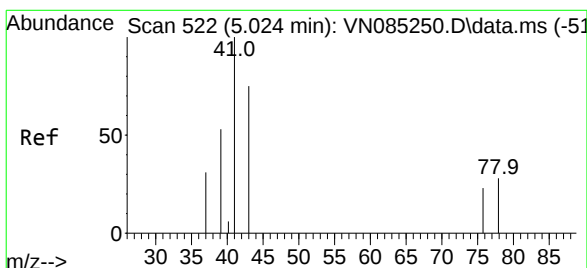
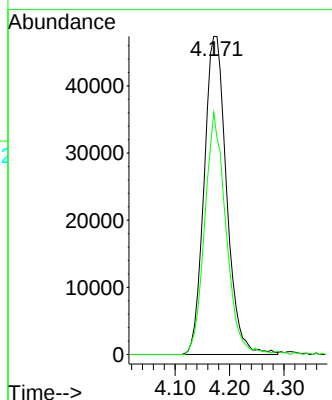
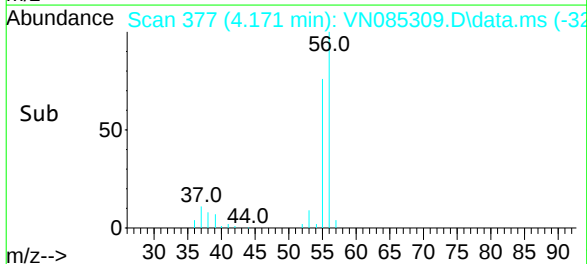
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 135824
Ion Ratio Lower Upper
56 100
55 71.9 59.0 88.6

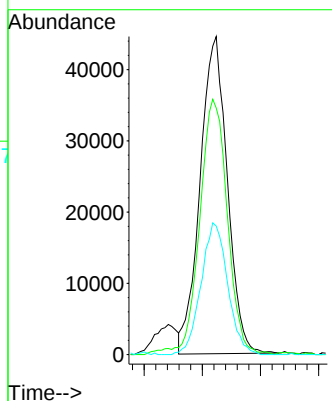
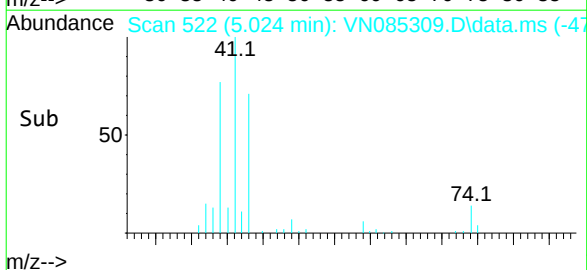
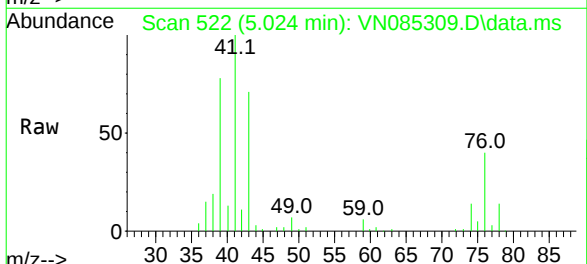
Manual Integrations
APPROVED

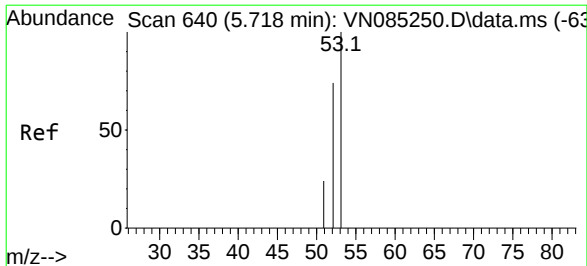
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#14
Allyl chloride
Concen: 46.062 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

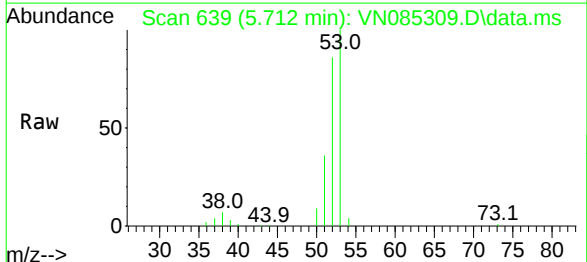
Tgt Ion: 41 Resp: 144798
Ion Ratio Lower Upper
41 100
39 82.1 66.7 100.1
76 40.6 29.4 44.2





#15
Acrylonitrile
Concen: 206.752 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

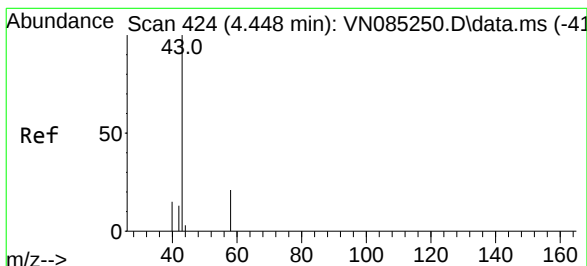
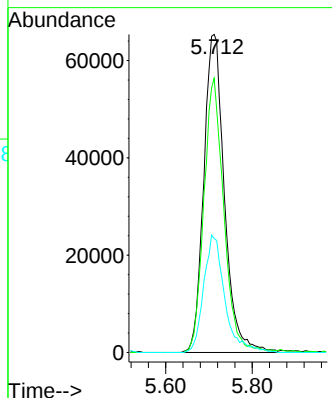
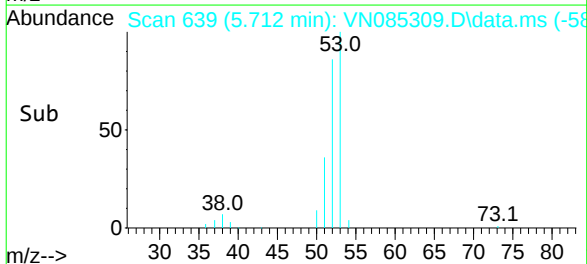
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 217435
Ion Ratio Lower Upper
53 100
52 83.2 66.3 99.5
51 37.6 28.2 42.2

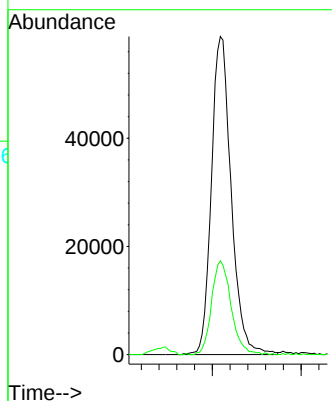
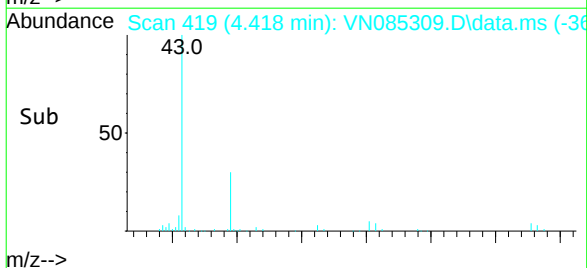
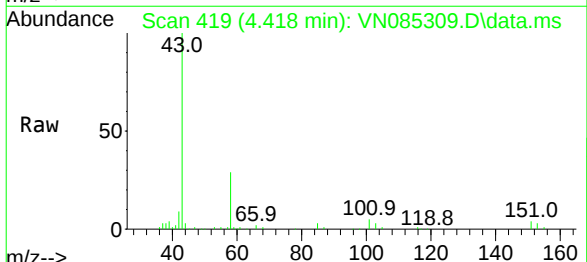
Manual Integrations
APPROVED

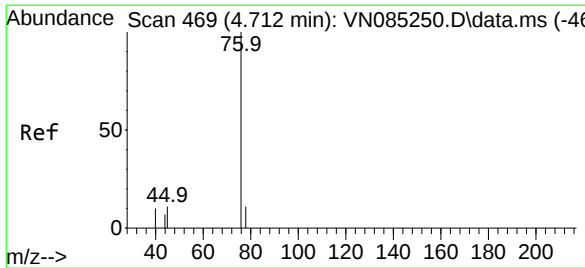
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#16
Acetone
Concen: 189.465 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

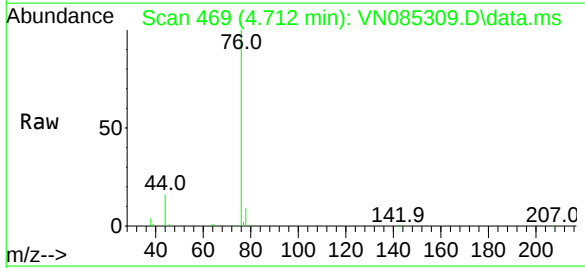
Tgt Ion: 43 Resp: 181788
Ion Ratio Lower Upper
43 100
58 29.5 20.8 31.2





#17
Carbon Disulfide
Concen: 44.268 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

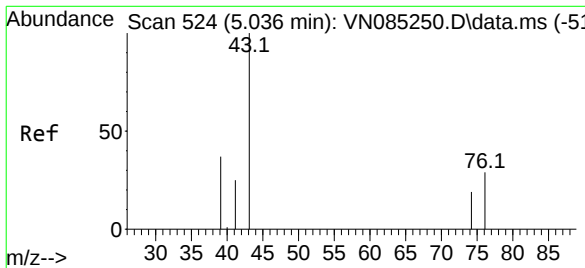
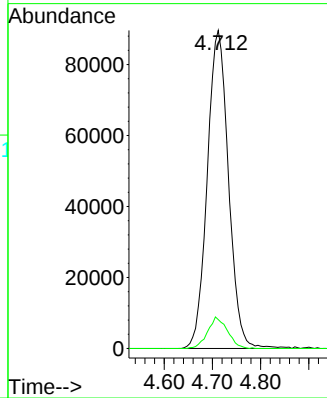
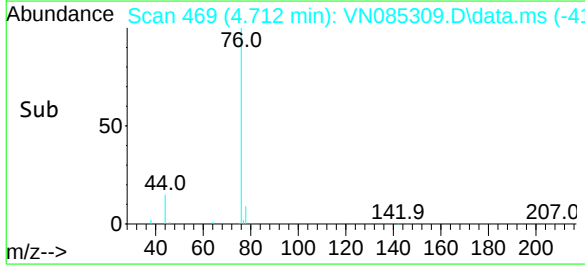
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 274215
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

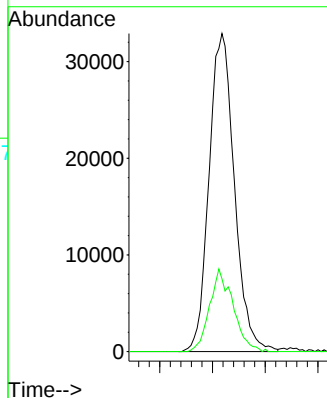
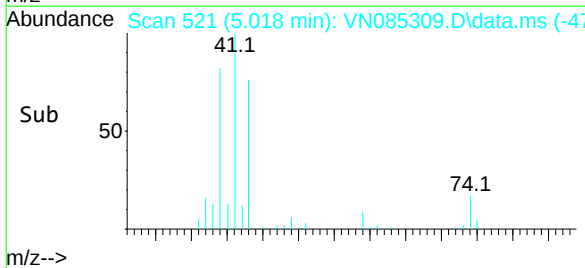
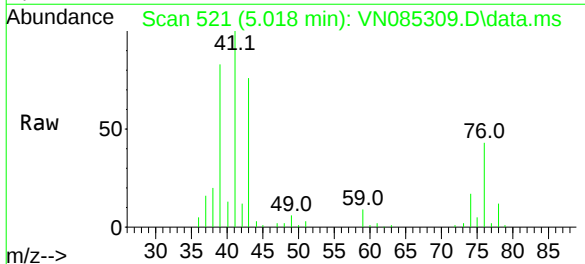
Manual Integrations
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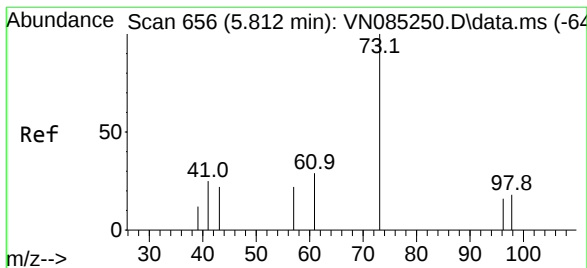
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#18
Methyl Acetate
Concen: 40.466 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Tgt Ion: 43 Resp: 109918
Ion Ratio Lower Upper
43 100
74 24.1 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 50.754 ug/l

RT: 5.789 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 315772

Ion Ratio Lower Upper

73 100

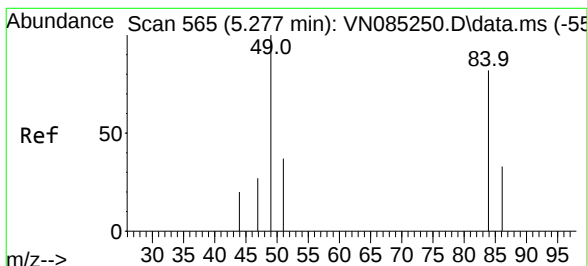
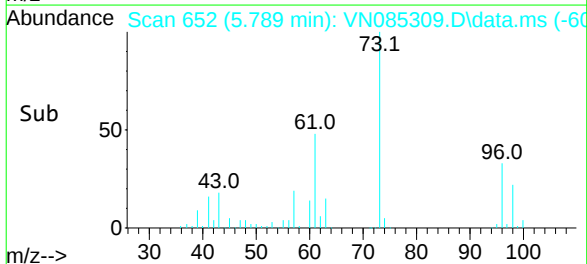
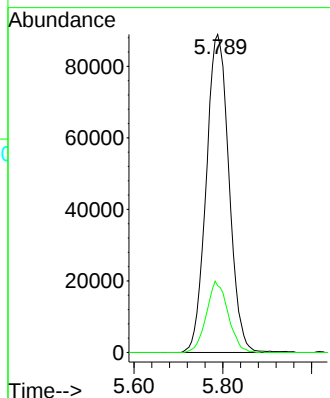
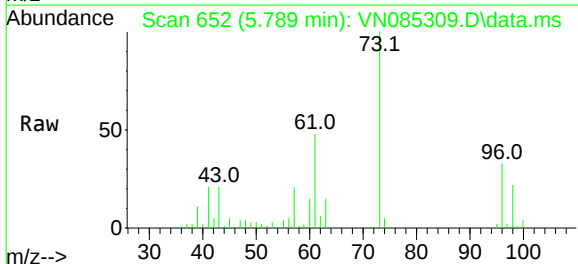
57 21.0 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#20

Methylene Chloride

Concen: 49.486 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

Tgt Ion: 84 Resp: 103862

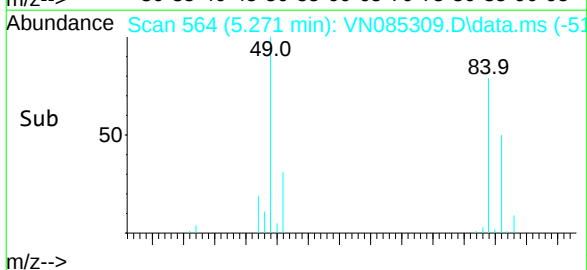
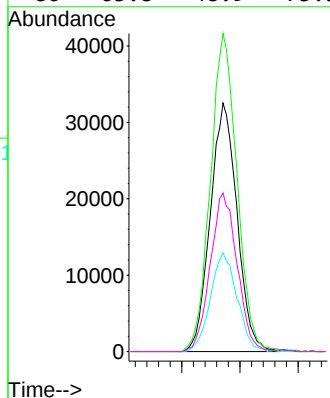
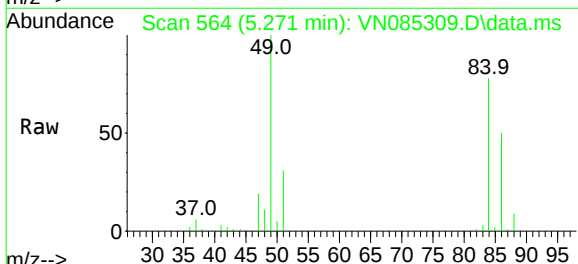
Ion Ratio Lower Upper

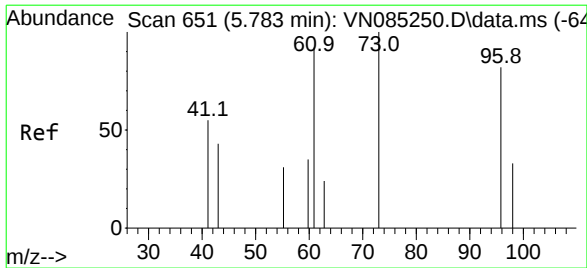
84 100

49 128.0 103.6 155.4

51 39.7 34.2 51.2

86 63.8 48.9 73.3





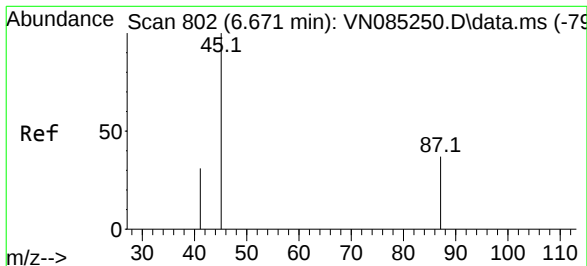
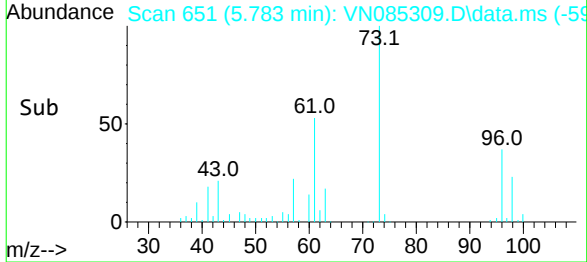
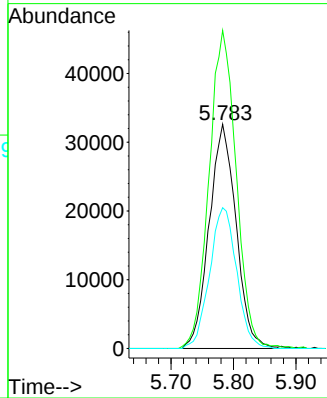
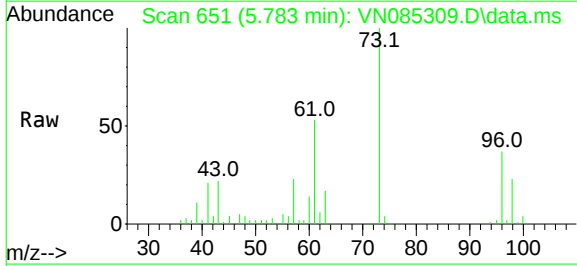
#21
trans-1,2-Dichloroethene
Concen: 48.710 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 97481
Ion Ratio Lower Upper
96 100
61 141.8 122.0 183.0
98 62.8 54.3 81.5

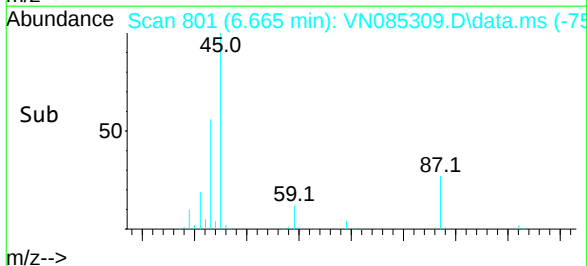
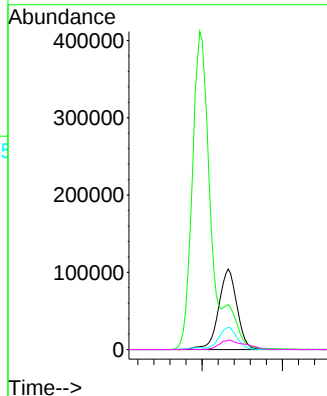
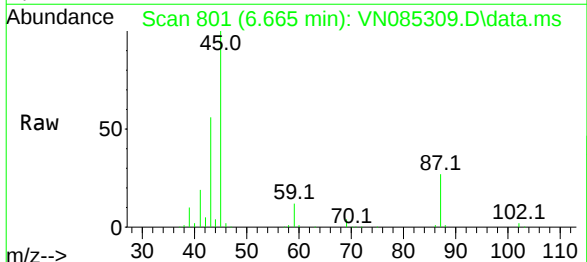
Manual Integrations
APPROVED

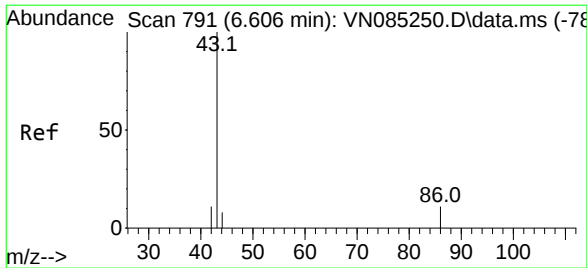
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#22
Diisopropyl ether
Concen: 49.364 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Tgt Ion: 45 Resp: 331040
Ion Ratio Lower Upper
45 100
43 55.0 43.8 65.6
87 27.4 21.2 31.8
59 11.6 8.6 13.0





#23

Vinyl Acetate

Concen: 230.616 ug/l

RT: 6.594 min Scan# 78

Delta R.T. -0.006 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1195028

Ion Ratio Lower Upper

43 100

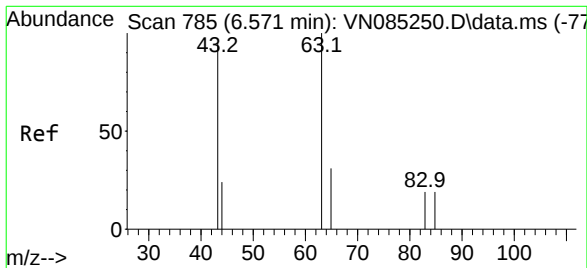
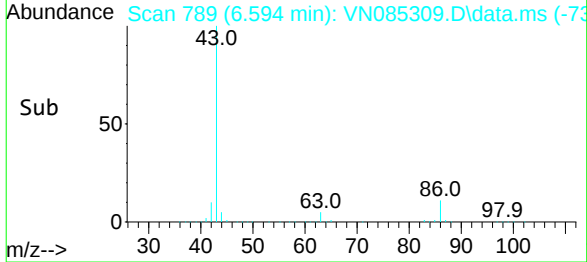
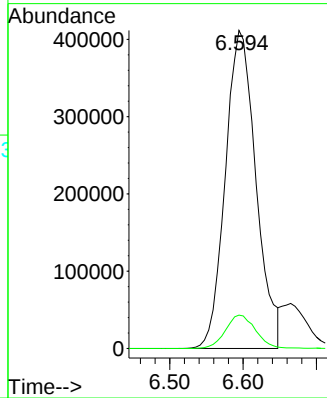
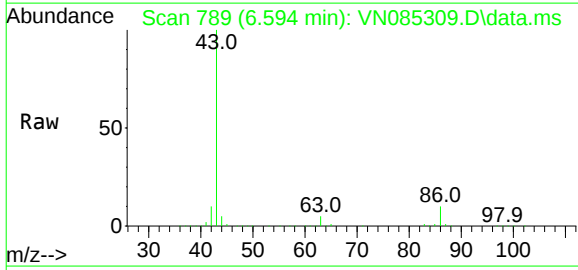
86 10.5 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#24

1,1-Dichloroethane

Concen: 48.856 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.006 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

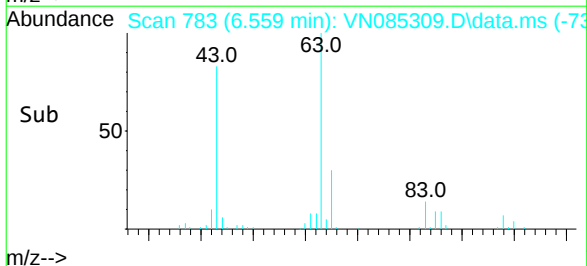
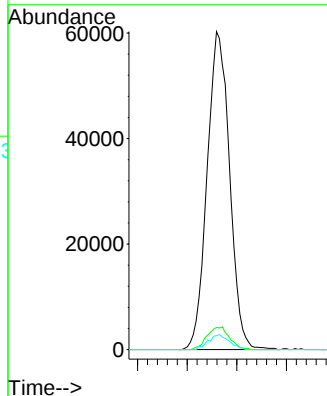
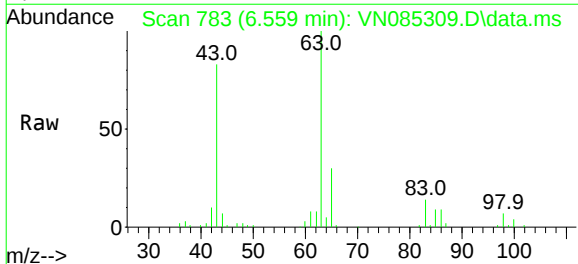
Tgt Ion: 63 Resp: 189788

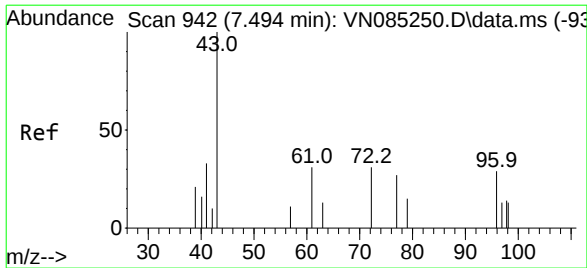
Ion Ratio Lower Upper

63 100

98 7.0 2.9 8.6

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 193.471 ug/l

RT: 7.477 min Scan# 93

Delta R.T. -0.006 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 284277

Ion Ratio Lower Upper

43 100

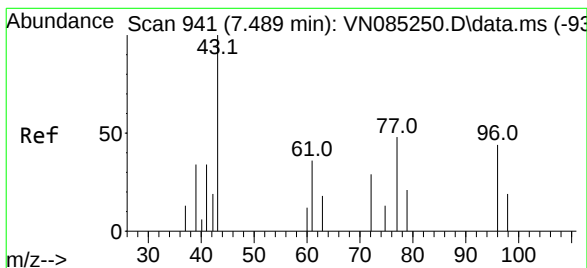
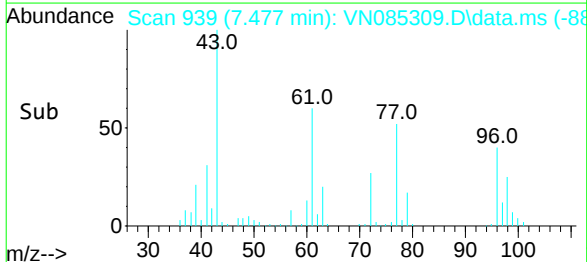
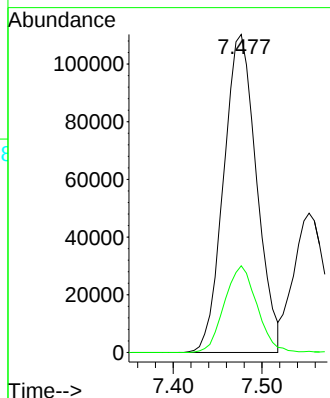
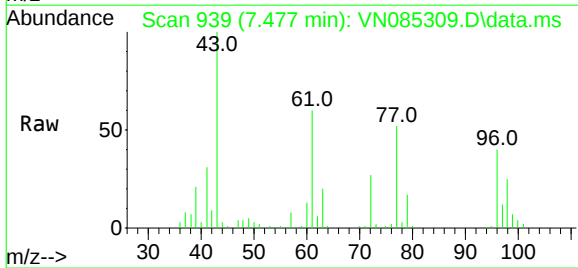
72 27.3 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#26

2,2-Dichloropropane

Concen: 49.164 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN085309.D

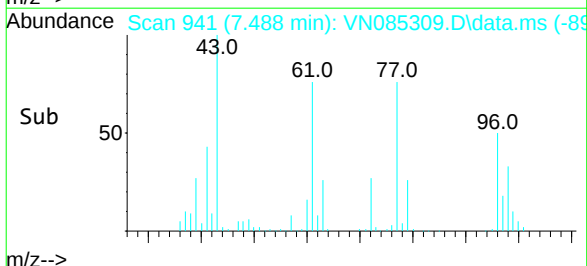
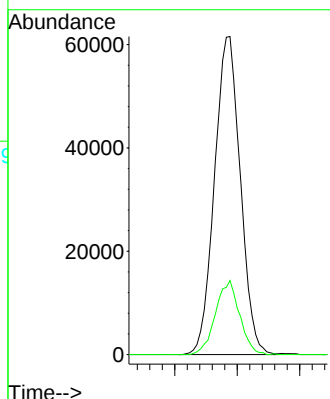
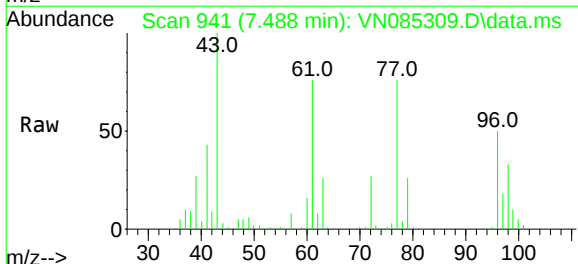
Acq: 26 Dec 2024 10:10

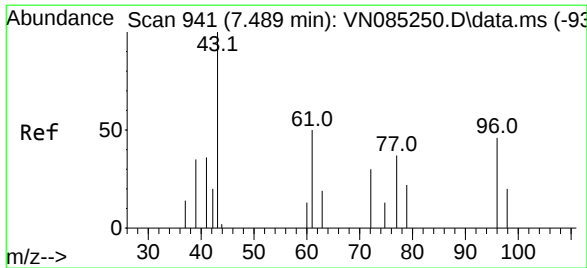
Tgt Ion: 77 Resp: 176849

Ion Ratio Lower Upper

77 100

97 21.7 10.5 31.6





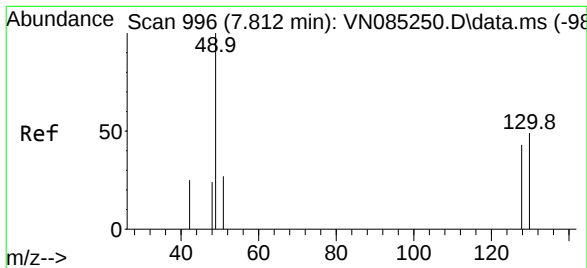
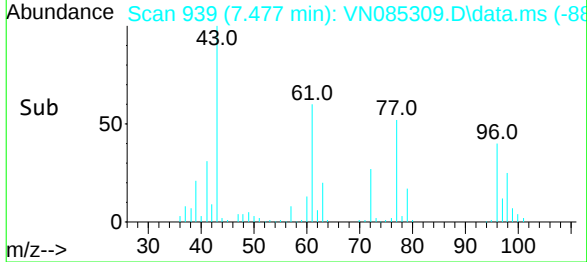
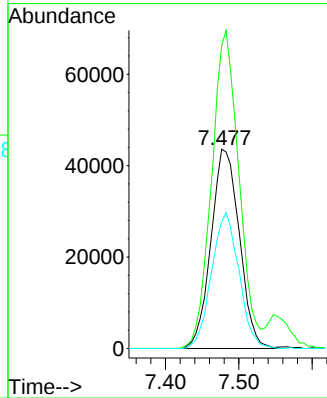
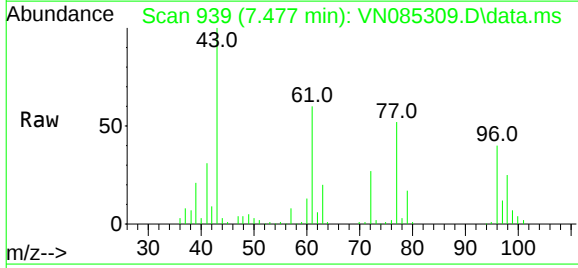
#27
 cis-1,2-Dichloroethene
 Concen: 50.301 ug/l
 RT: 7.477 min Scan# 93
 Delta R.T. -0.006 min
 Lab File: VN085309.D
 Acq: 26 Dec 2024 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 117206
 Ion Ratio Lower Upper
 96 100
 61 153.2 0.0 316.4
 98 65.9 0.0 125.4

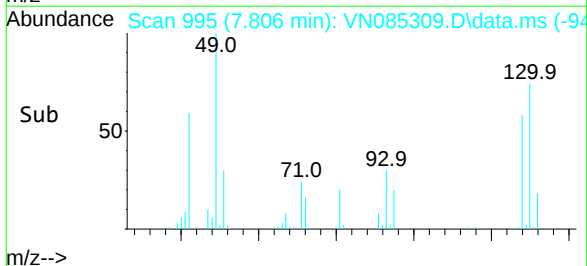
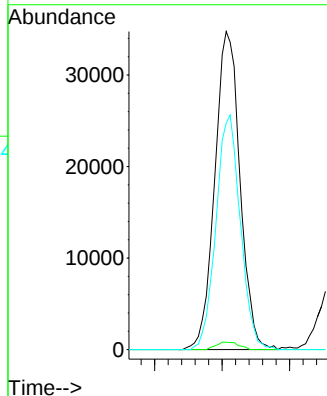
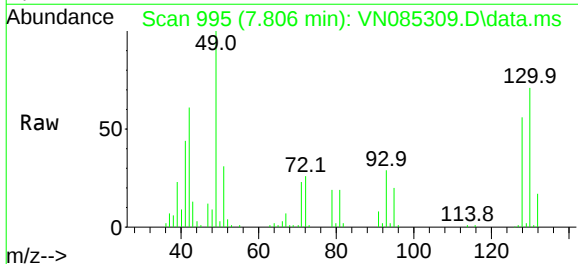
Manual Integrations
 APPROVED

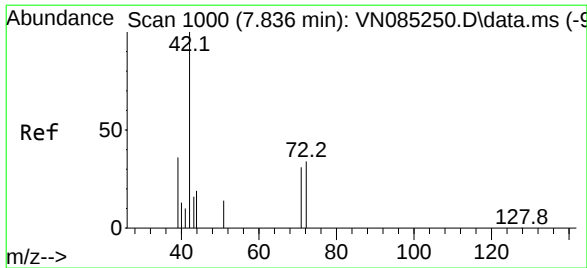
Reviewed By :John Carlone 12/27/2024
 Supervised By :Mahesh Dadoda 12/27/2024



#28
 Bromochloromethane
 Concen: 46.005 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN085309.D
 Acq: 26 Dec 2024 10:10

Tgt Ion: 49 Resp: 90129
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.4
 130 71.3 54.1 81.1





#29

Tetrahydrofuran

Concen: 199.339 ug/l

RT: 7.830 min Scan# 999

Delta R.T. -0.006 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 188808

Ion Ratio Lower Upper

42 100

72 44.7 32.7 49.1

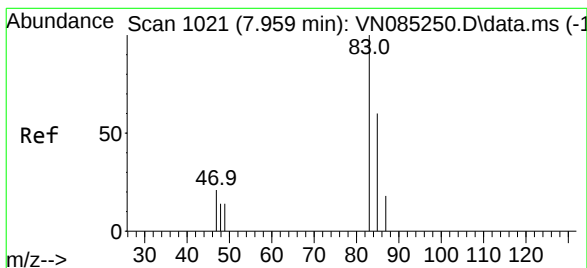
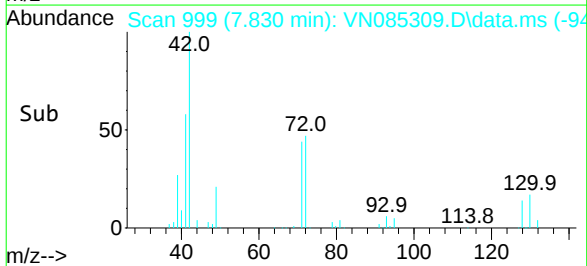
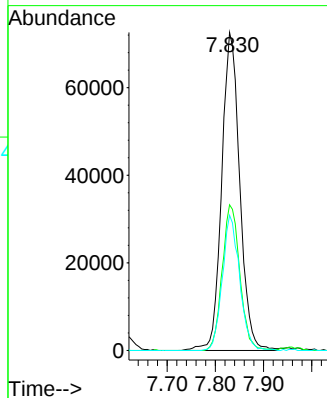
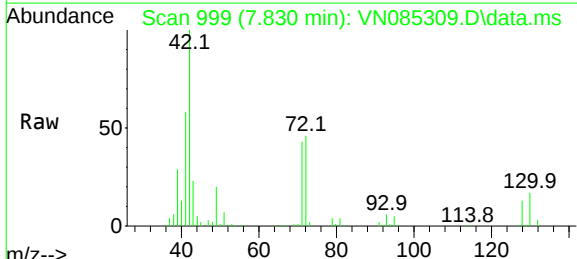
71 40.7 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#30

Chloroform

Concen: 47.303 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN085309.D

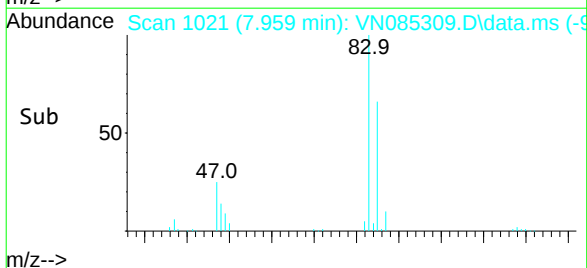
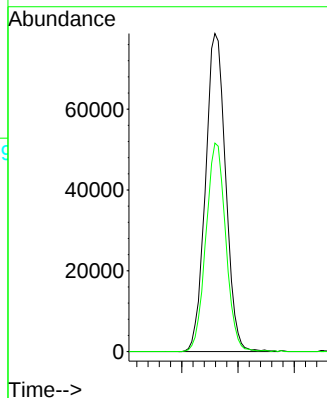
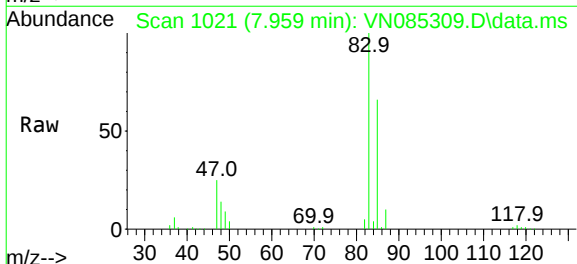
Acq: 26 Dec 2024 10:10

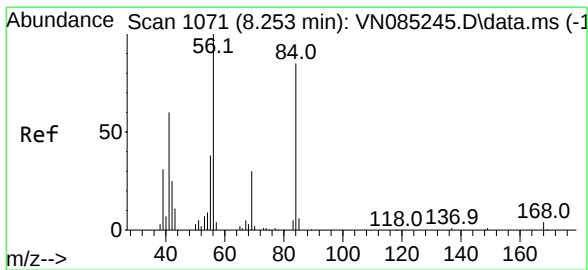
Tgt Ion: 83 Resp: 196237

Ion Ratio Lower Upper

83 100

85 65.5 51.4 77.0





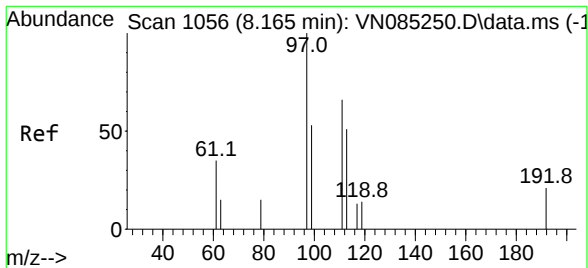
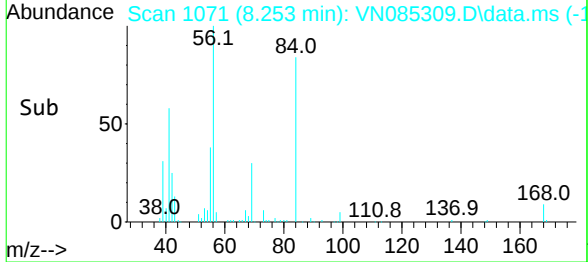
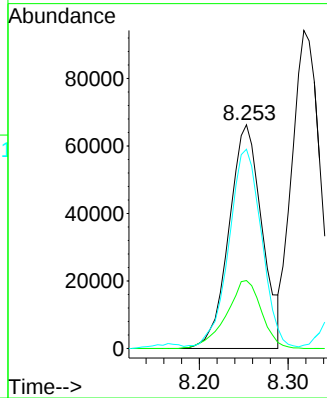
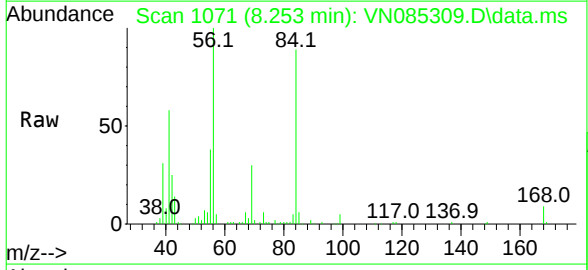
#31
Cyclohexane
Concen: 47.698 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 171529
Ion Ratio Lower Upper
56 100
69 30.4 23.6 35.4
84 87.4 66.6 99.8

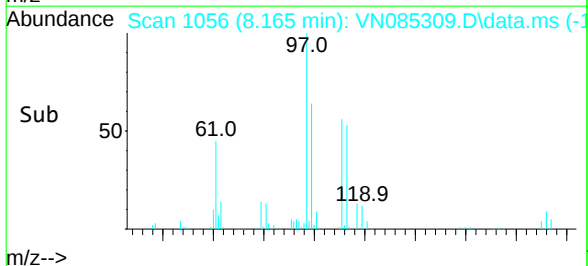
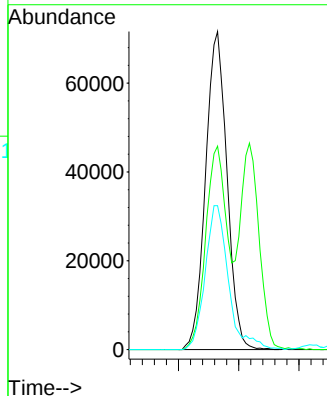
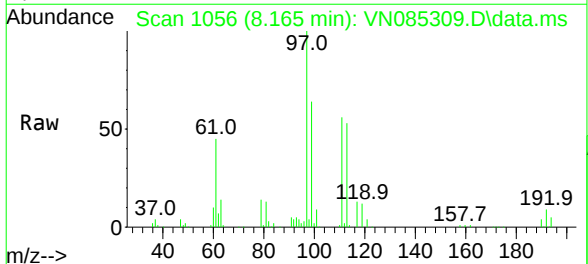
Manual Integrations
APPROVED

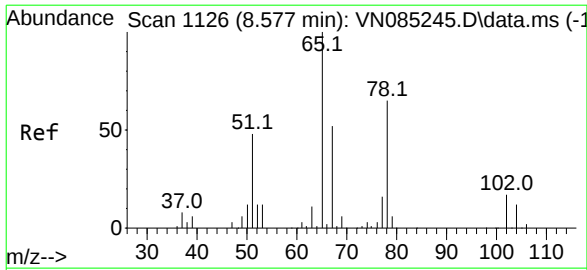
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#32
1,1,1-Trichloroethane
Concen: 47.880 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

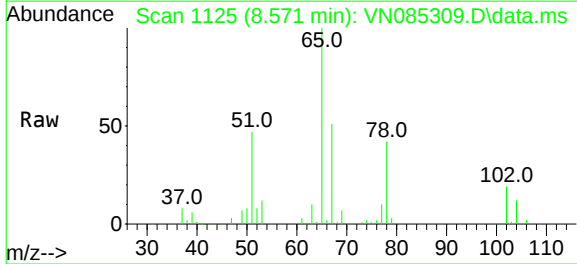
Tgt Ion: 97 Resp: 177034
Ion Ratio Lower Upper
97 100
99 62.6 51.4 77.0
61 49.2 40.4 60.6





#33
1,2-Dichloroethane-d4
Concen: 45.058 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

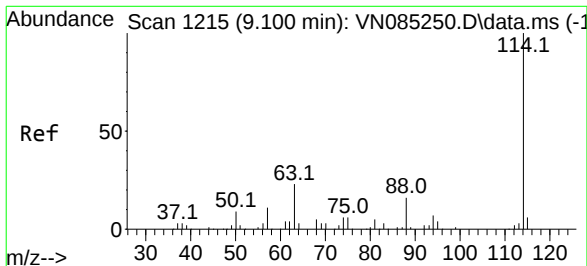
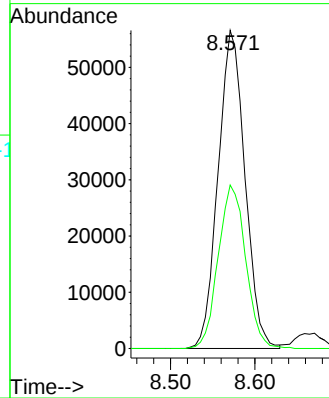
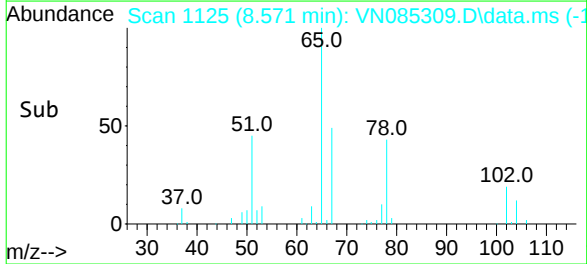
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 125245
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.2

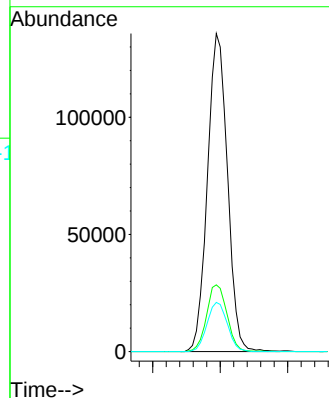
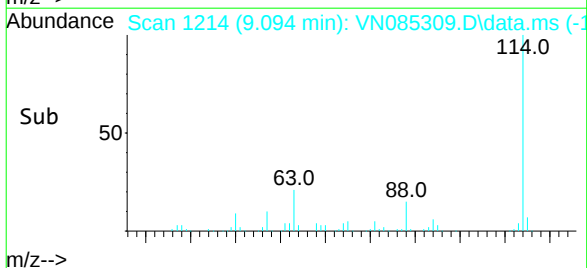
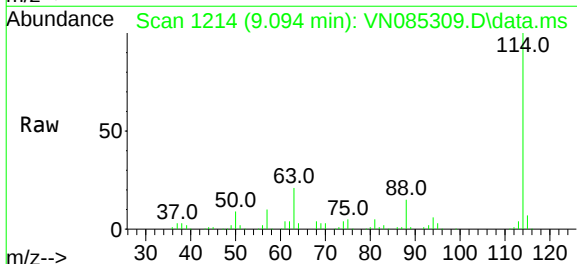
Manual Integrations
APPROVED

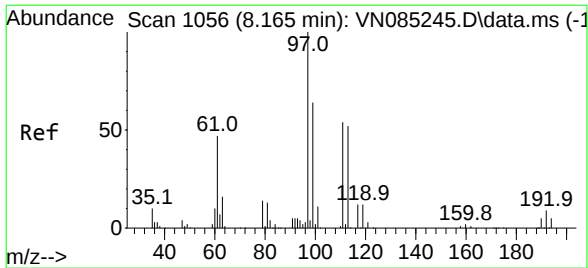
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

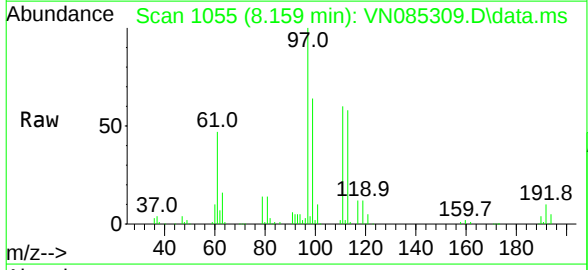
Tgt Ion:114 Resp: 279635
Ion Ratio Lower Upper
114 100
63 21.0 0.0 46.2
88 15.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.958 ug/l
RT: 8.159 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

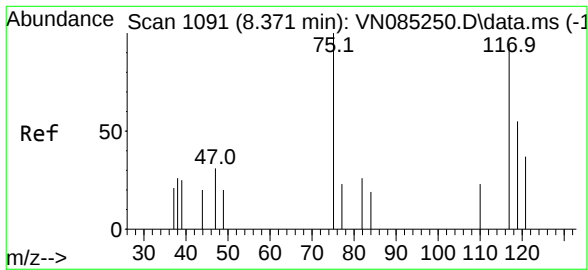
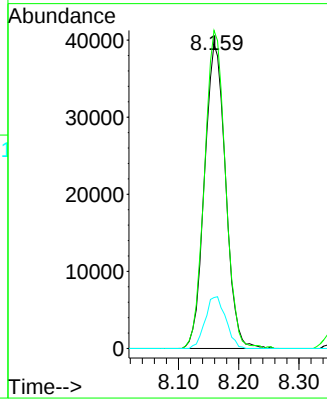
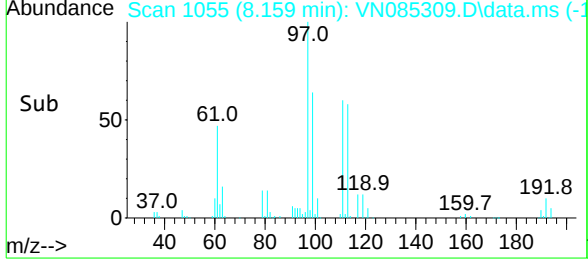
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



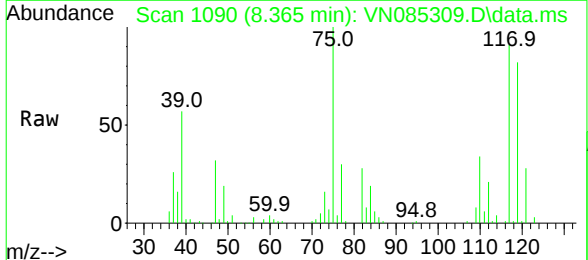
Tgt Ion: 113 Resp: 96250
Ion Ratio Lower Upper
113 100
111 103.4 82.1 123.1
192 16.6 13.4 20.0

Manual Integrations
APPROVED

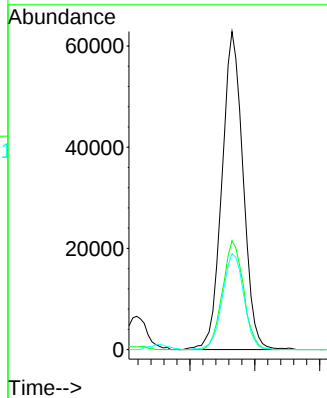
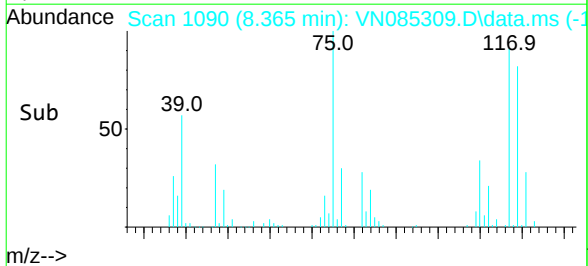
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

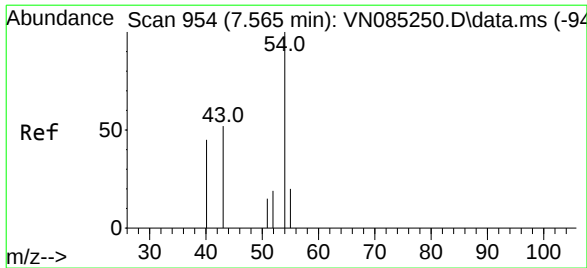


#36
1,1-Dichloropropene
Concen: 51.919 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10



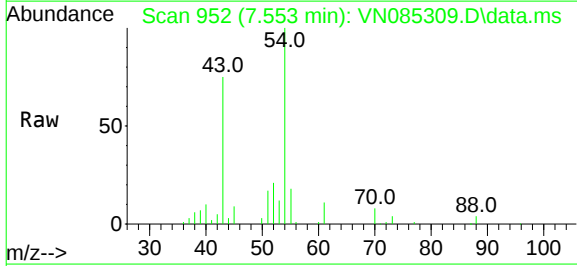
Tgt Ion: 75 Resp: 142130
Ion Ratio Lower Upper
75 100
110 34.0 16.0 48.0
77 30.9 24.6 36.8





#37
Ethyl Acetate
Concen: 39.083 ug/l
RT: 7.553 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

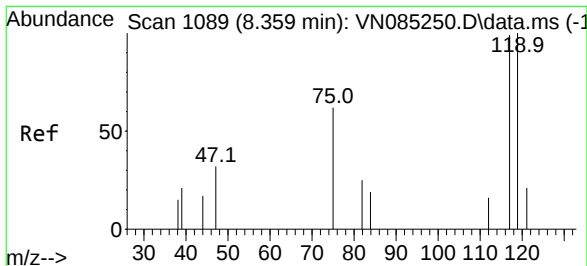
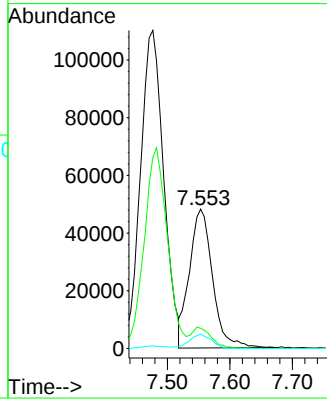
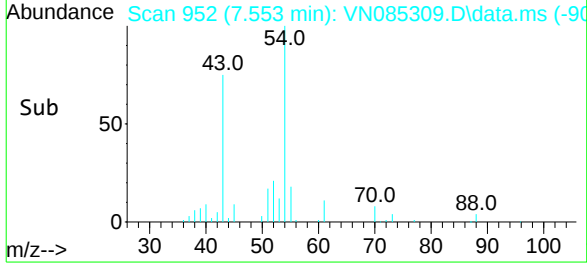
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 123431
Ion Ratio Lower Upper
43 100
61 13.5 9.8 14.6
70 9.9 7.8 11.8

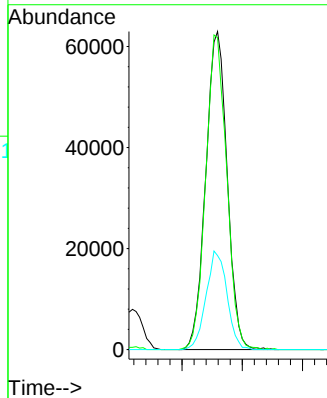
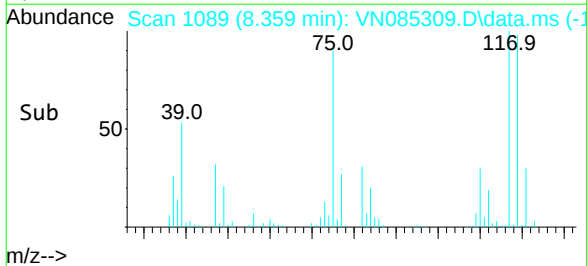
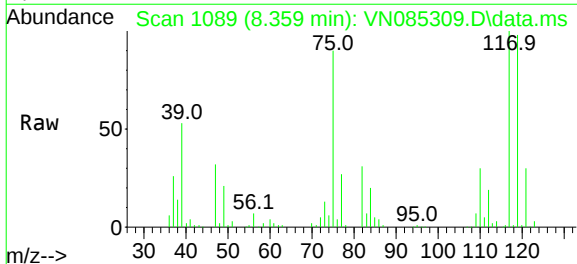
Manual Integrations
APPROVED

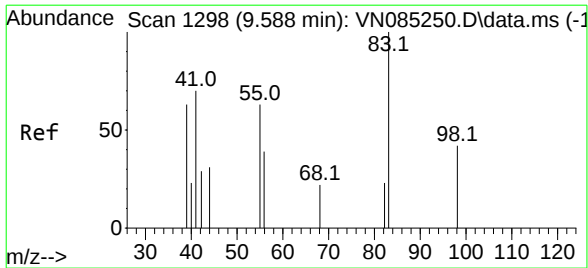
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#38
Carbon Tetrachloride
Concen: 46.963 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

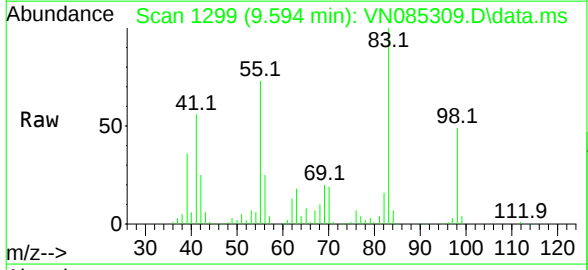
Tgt Ion:117 Resp: 155442
Ion Ratio Lower Upper
117 100
119 98.1 74.8 112.2
121 29.6 24.2 36.4





#39
Methylcyclohexane
Concen: 57.472 ug/l
RT: 9.594 min Scan# 12
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

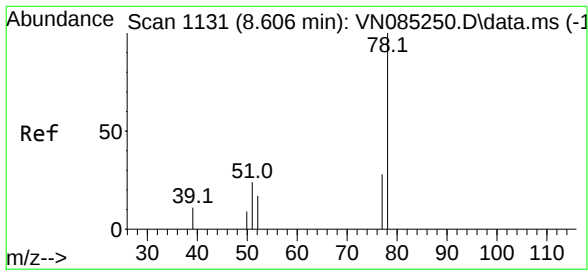
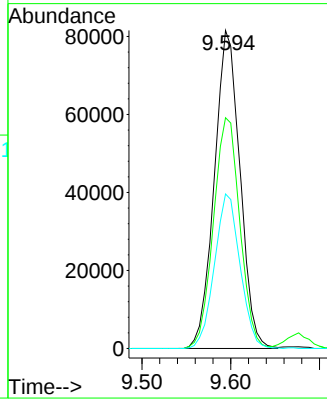
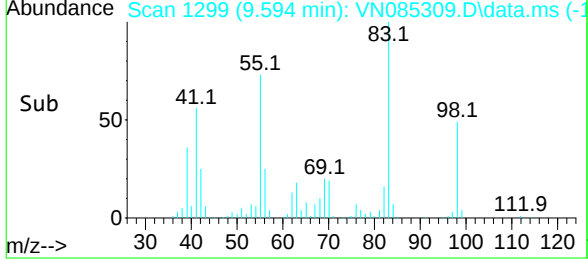
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 163719
Ion Ratio Lower Upper
83 100
55 72.5 66.8 100.2
98 48.6 39.4 59.2

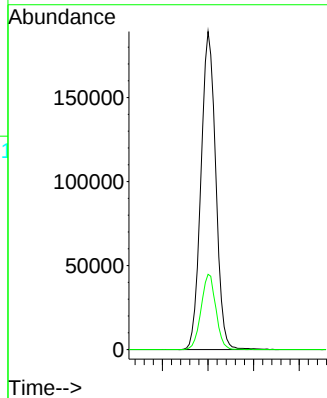
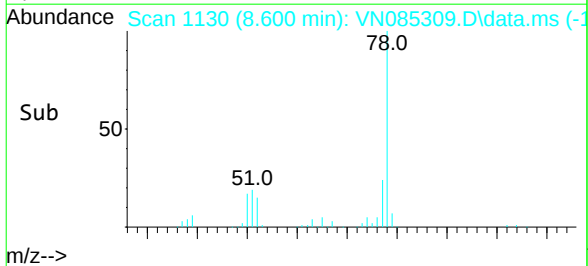
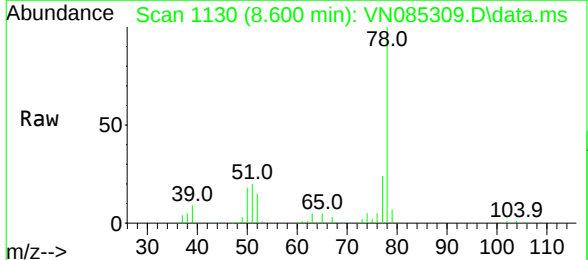
Manual Integrations
APPROVED

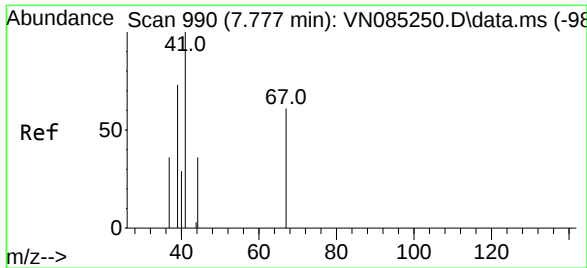
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#40
Benzene
Concen: 49.994 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Tgt Ion: 78 Resp: 425769
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3





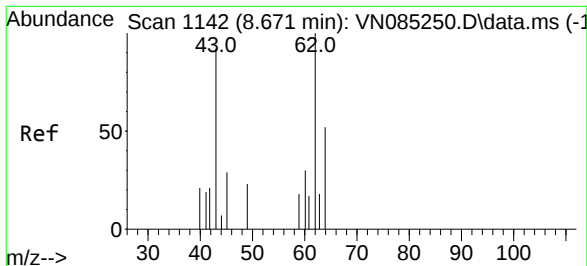
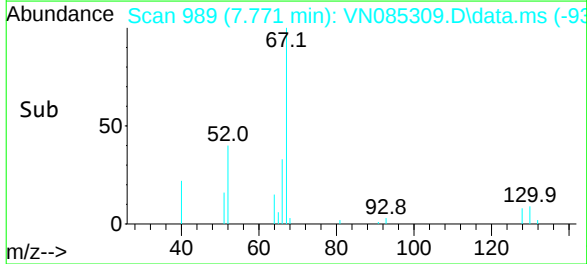
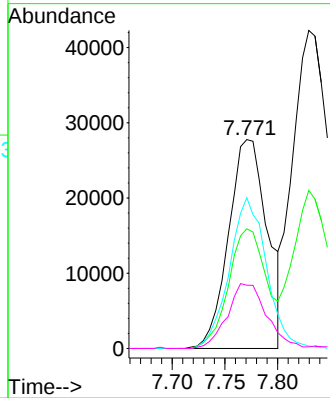
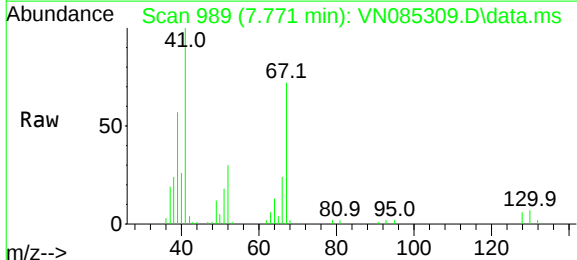
#41
Methacrylonitrile
Concen: 44.134 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	71034
Ion	Ratio	Lower	Upper
41	100		
39	56.2	44.0	66.0
67	69.1	56.0	84.0
52	31.5	25.8	38.6

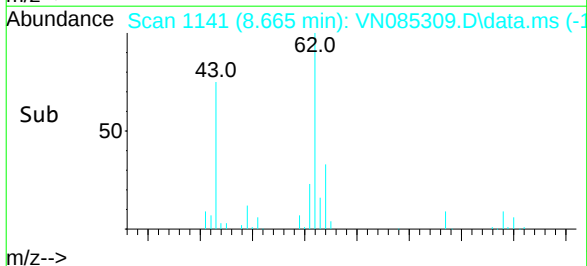
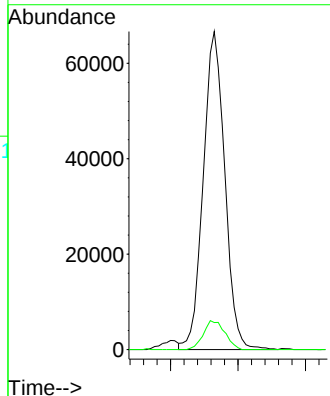
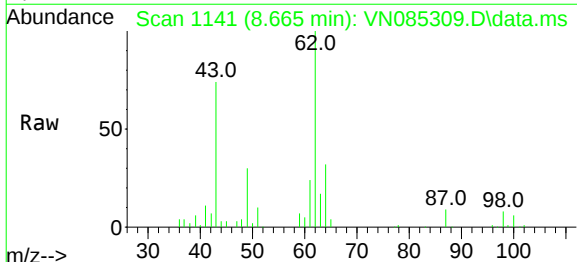
Manual Integrations
APPROVED

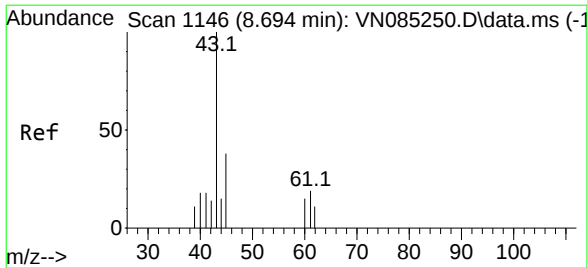
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#42
1,2-Dichloroethane
Concen: 45.627 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Tgt Ion:	62	Resp:	148011
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.4





#43

Isopropyl Acetate

Concen: 37.947 ug/l

RT: 8.682 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

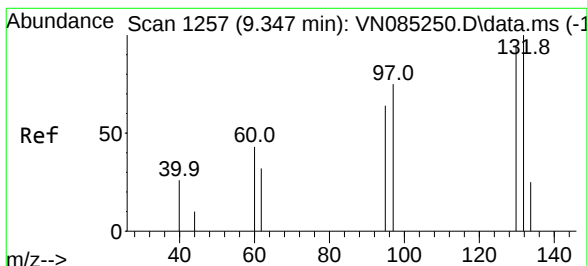
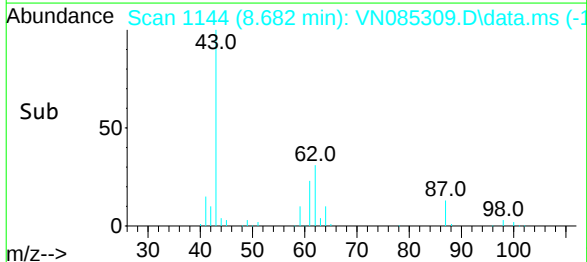
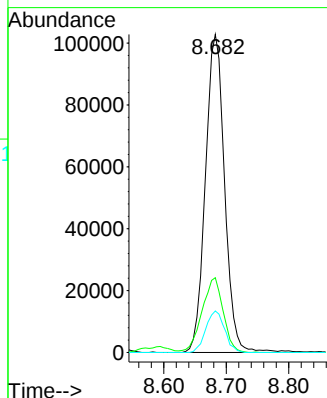
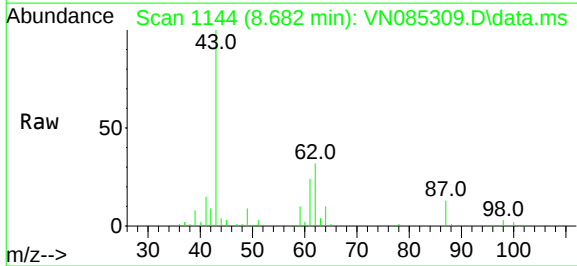
Tgt Ion:	43	Resp:	219162
Ion	Ratio	Lower	Upper
43	100		
61	25.8	19.0	28.4
87	12.8	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#44

Trichloroethene

Concen: 52.342 ug/l

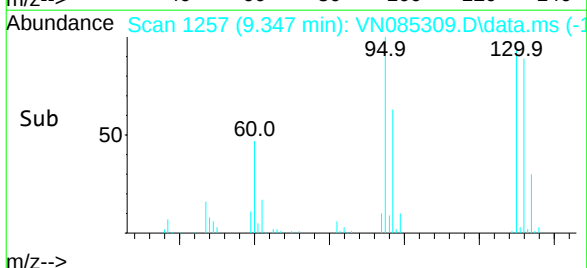
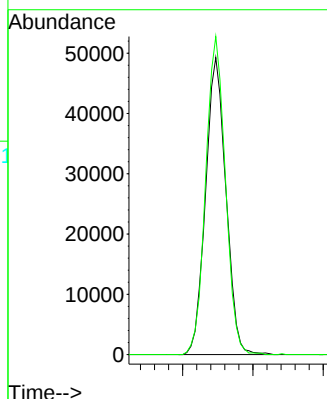
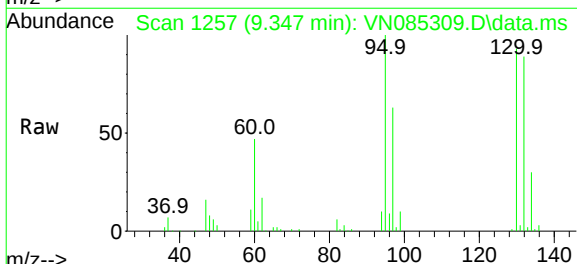
RT: 9.347 min Scan# 1257

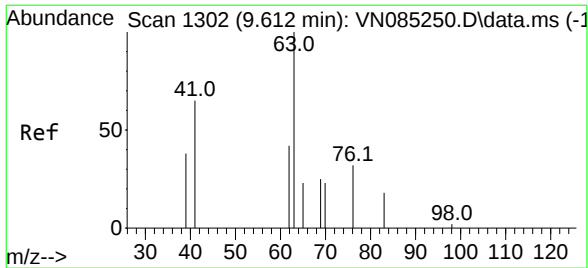
Delta R.T. -0.000 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

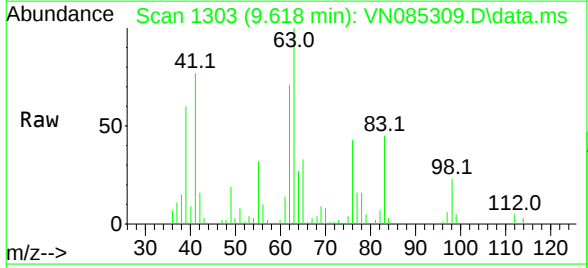
Tgt Ion:	130	Resp:	99243
Ion	Ratio	Lower	Upper
130	100		
95	107.1	0.0	207.6





#45
1,2-Dichloropropane
Concen: 49.545 ug/l
RT: 9.618 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

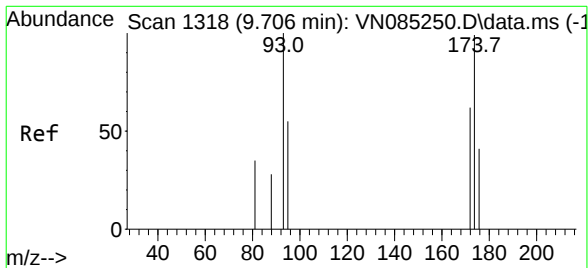
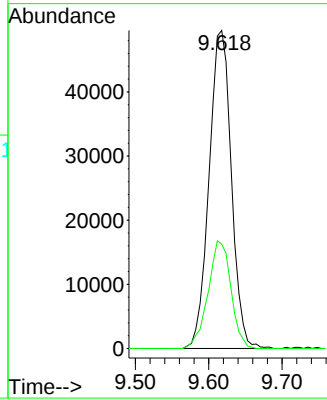
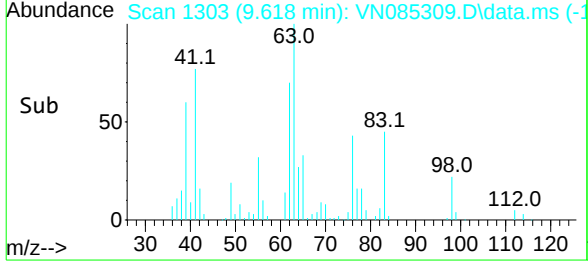
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 104472
Ion Ratio Lower Upper
63 100
65 32.8 24.0 36.0

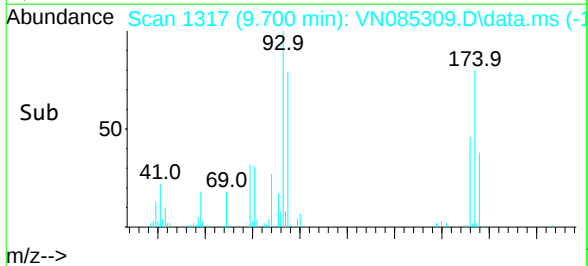
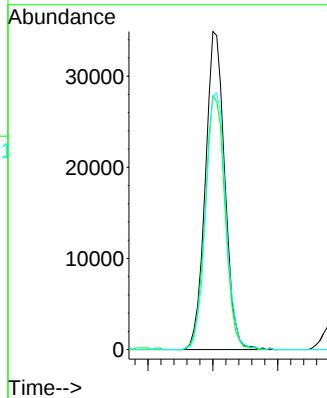
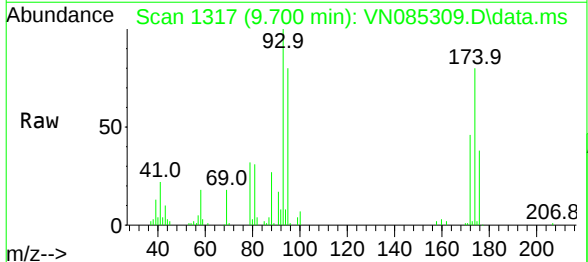
Manual Integrations
APPROVED

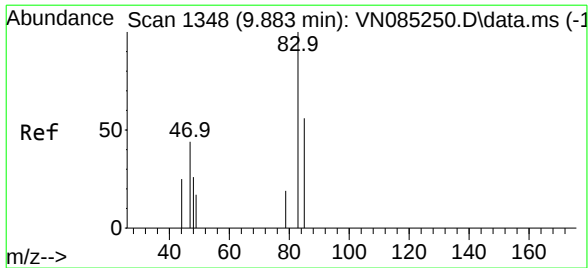
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#46
Dibromomethane
Concen: 48.144 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

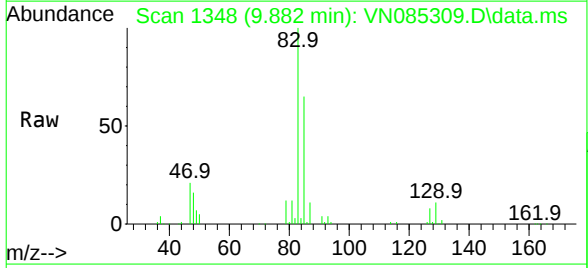
Tgt Ion: 93 Resp: 72471
Ion Ratio Lower Upper
93 100
95 81.9 67.0 100.6
174 83.8 69.3 103.9





#47
Bromodichloromethane
Concen: 48.151 ug/l
RT: 9.882 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

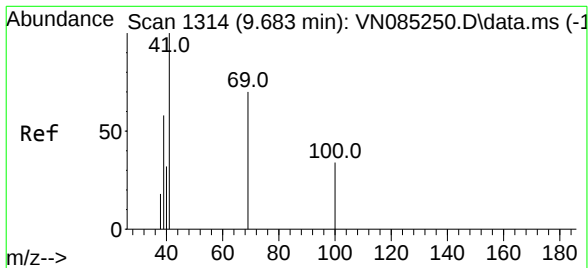
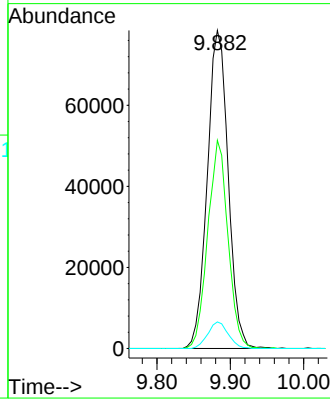
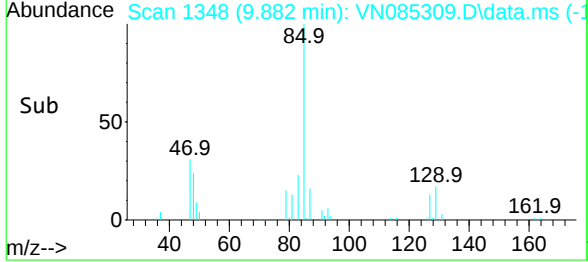
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



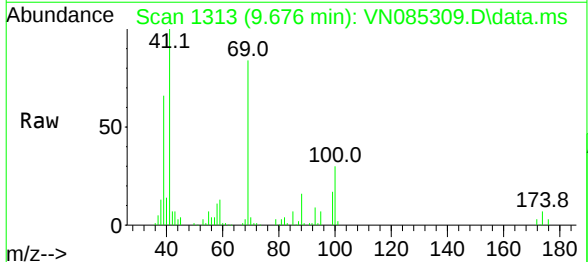
Tgt Ion: 83 Resp: 155292
Ion Ratio Lower Upper
83 100
85 65.4 51.0 76.4
127 8.3 6.3 9.5

Manual Integrations
APPROVED

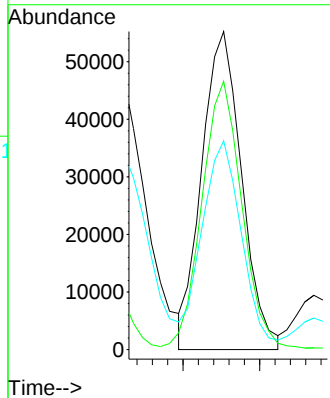
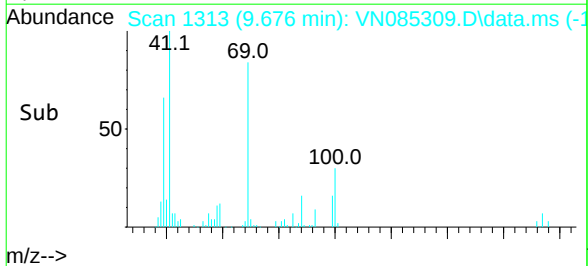
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

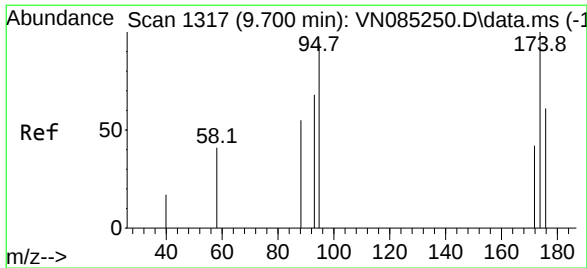


#48
Methyl methacrylate
Concen: 42.154 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10



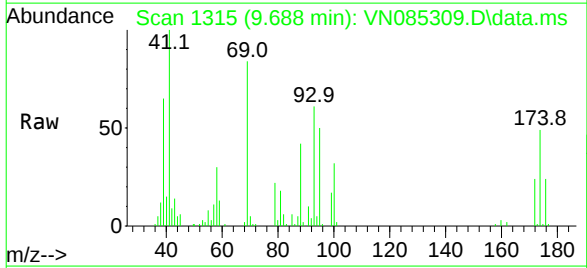
Tgt Ion: 41 Resp: 99802
Ion Ratio Lower Upper
41 100
69 85.1 61.0 91.4
39 65.4 49.8 74.8





#49
1,4-Dioxane
Concen: 727.519 ug/l
RT: 9.688 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

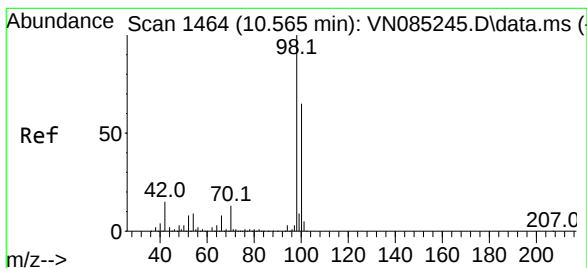
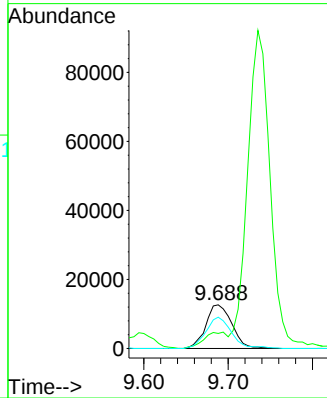
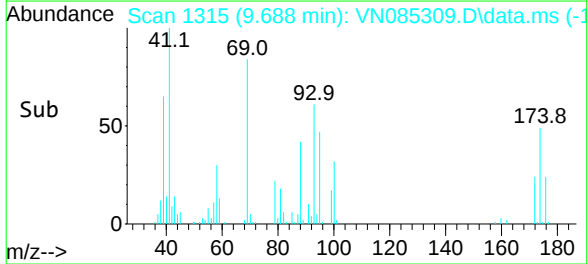
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 27157
Ion Ratio Lower Upper
88 100
43 34.1 25.6 38.4
58 71.1 56.5 84.7

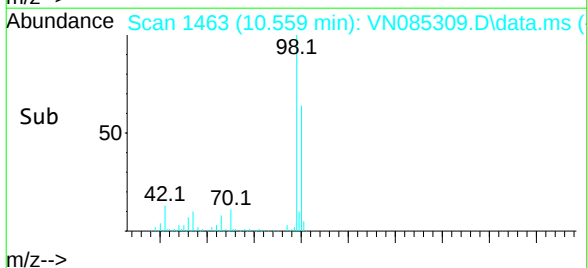
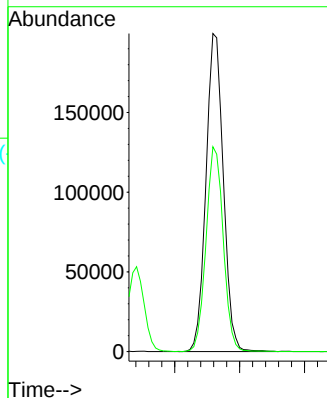
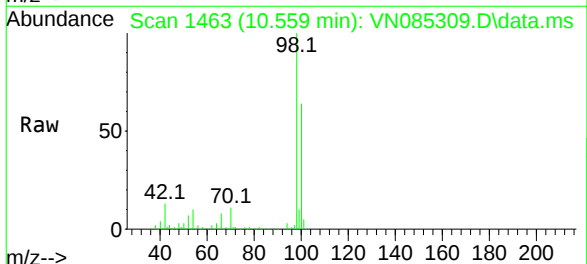
Manual Integrations
APPROVED

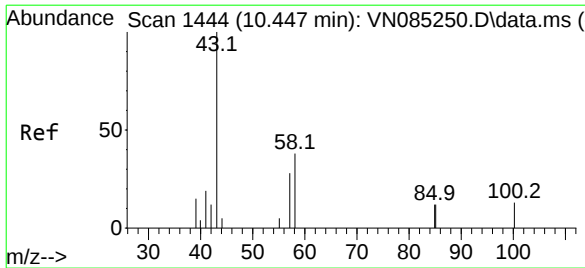
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#50
Toluene-d8
Concen: 51.539 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Tgt Ion: 98 Resp: 370335
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4





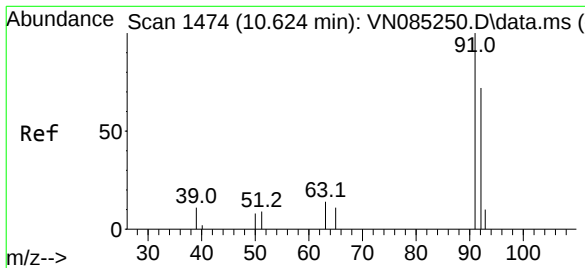
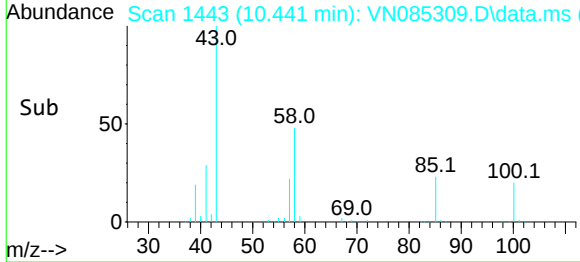
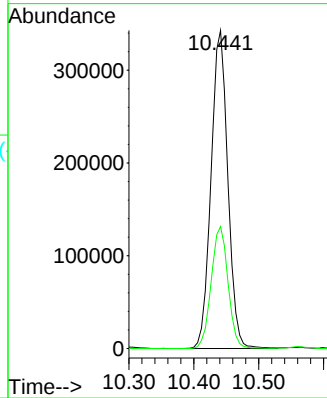
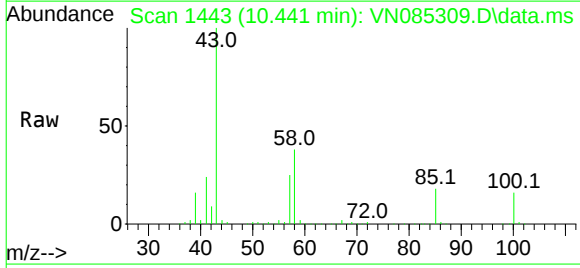
#51
4-Methyl-2-Pentanone
Concen: 202.728 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 615206
Ion Ratio Lower Upper
43 100
58 38.4 29.4 44.2

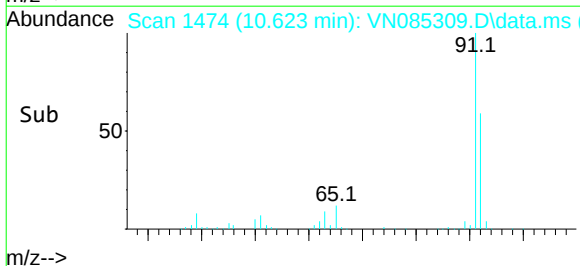
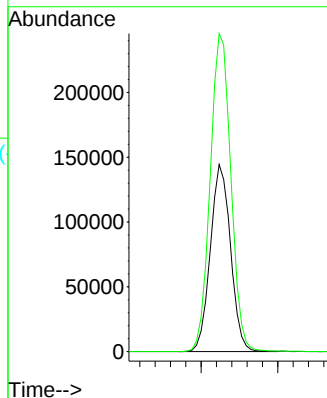
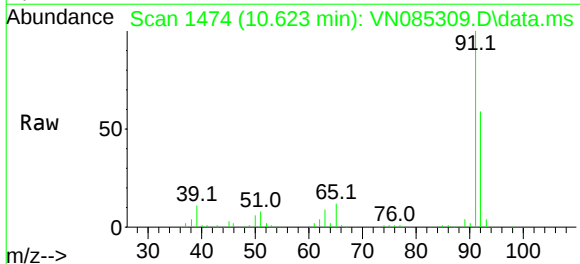
Manual Integrations
APPROVED

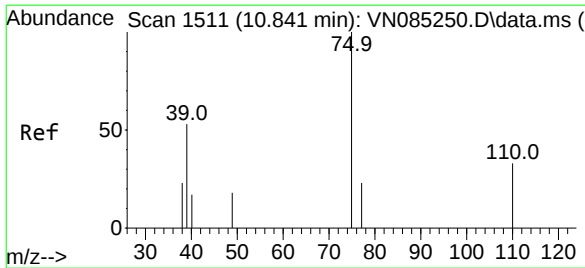
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#52
Toluene
Concen: 51.633 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

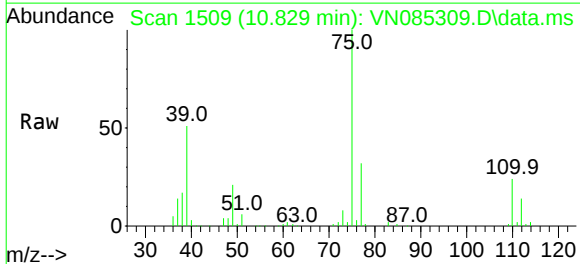
Tgt Ion: 92 Resp: 264403
Ion Ratio Lower Upper
92 100
91 173.8 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 51.005 ug/l
RT: 10.829 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

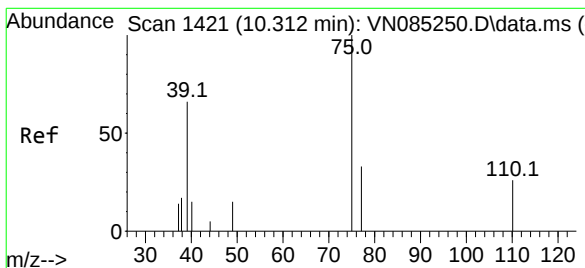
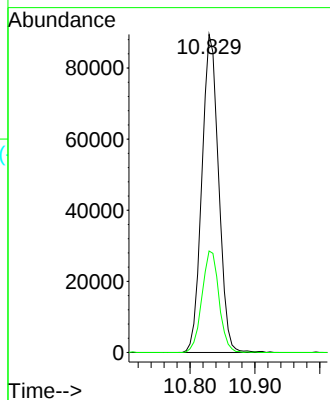
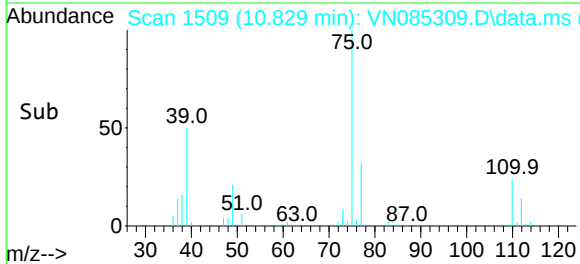
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



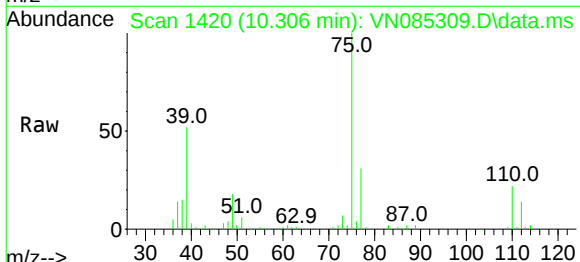
Tgt Ion: 75 Resp: 160338
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

Manual Integrations
APPROVED

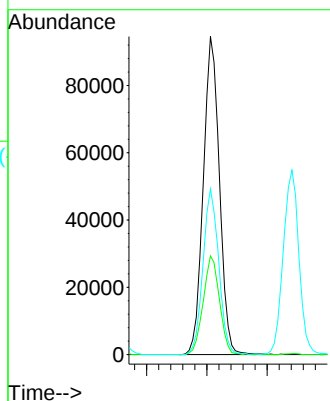
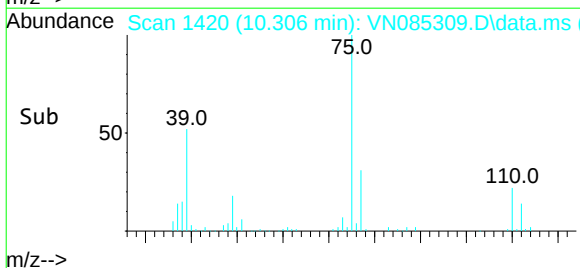
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

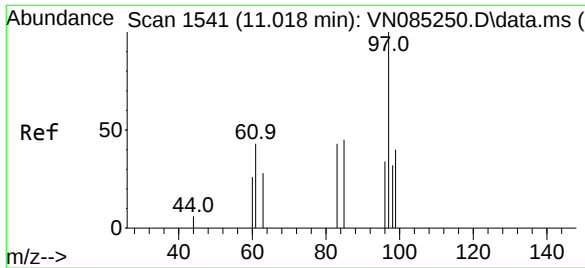


#54
cis-1,3-Dichloropropene
Concen: 52.650 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10



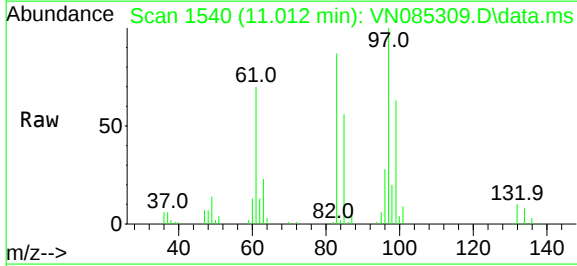
Tgt Ion: 75 Resp: 175970
Ion Ratio Lower Upper
75 100
77 31.0 26.6 39.8
39 52.1 45.3 67.9





#55
1,1,2-Trichloroethane
Concen: 49.037 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

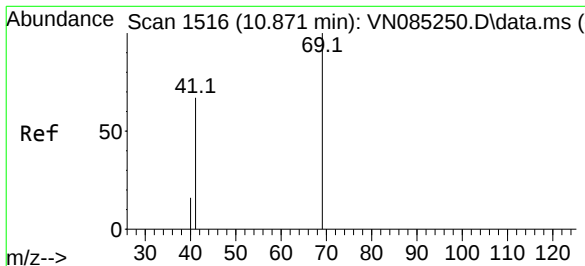
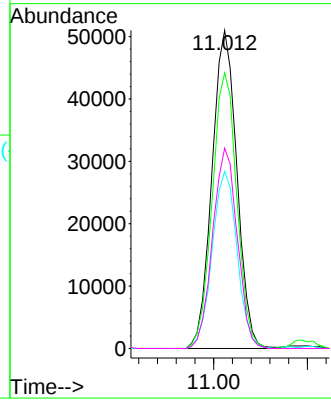
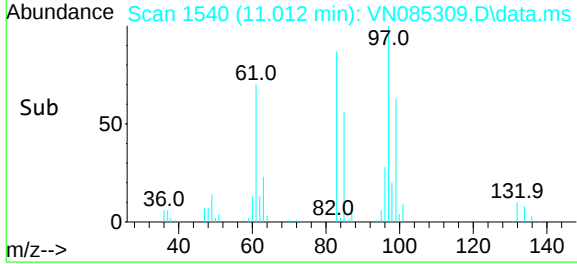
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.6	104.4
85	55.7	45.7	68.5
99	63.0	50.4	75.6

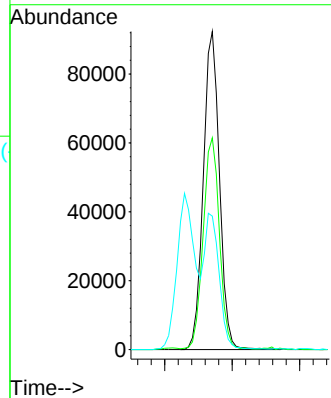
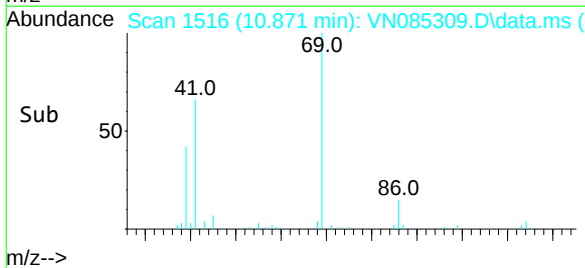
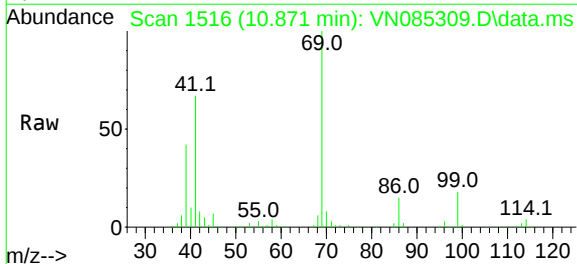
Manual Integrations
APPROVED

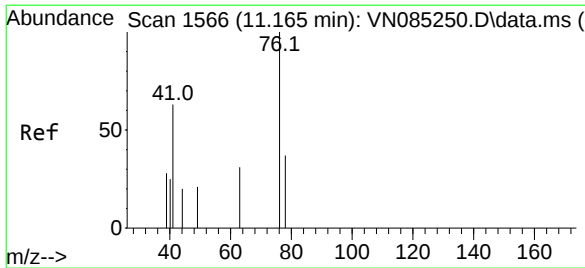
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#56
Ethyl methacrylate
Concen: 42.413 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

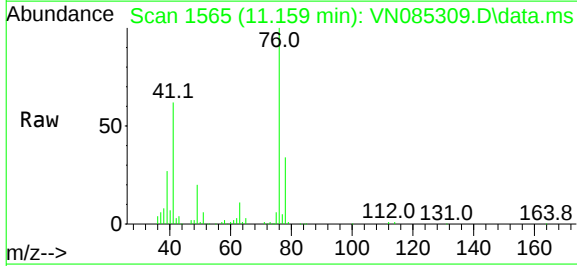
Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.6	57.5	86.3
39	39.1	33.4	50.2





#57
1,3-Dichloropropane
Concen: 49.369 ug/l
RT: 11.159 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

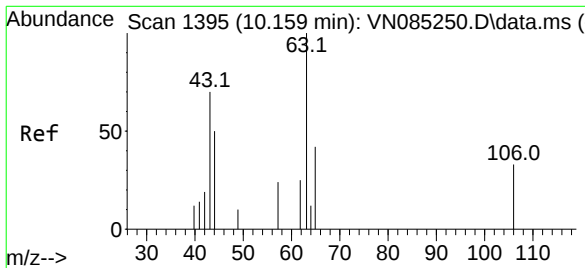
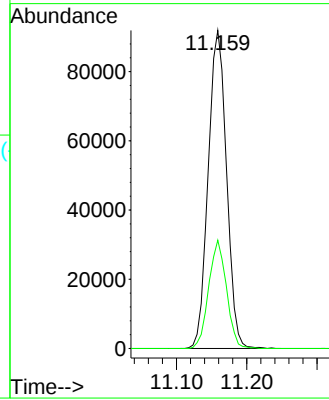
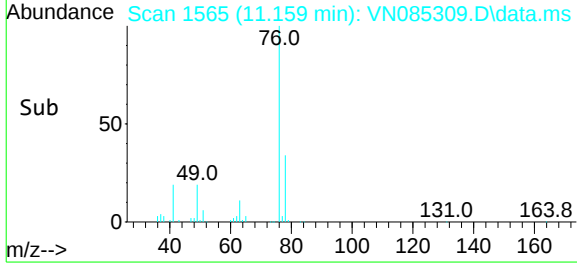
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 166606
Ion Ratio Lower Upper
76 100
78 33.0 25.4 38.2

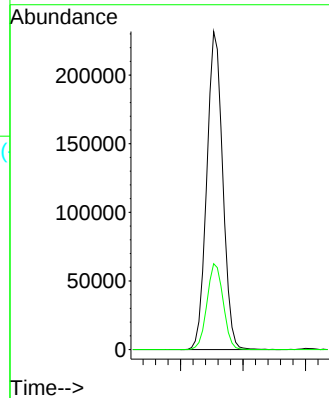
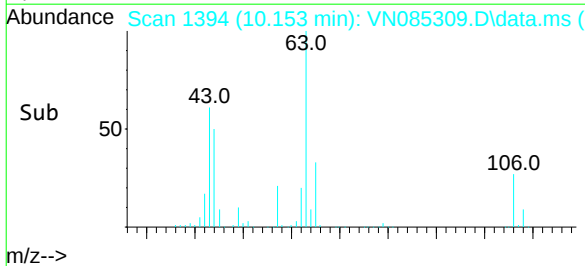
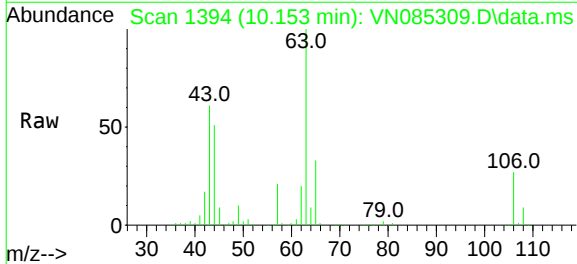
Manual Integrations
APPROVED

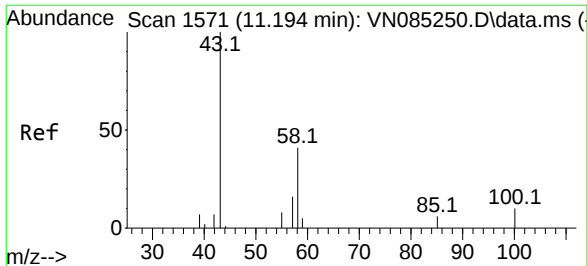
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#58
2-Chloroethyl Vinyl ether
Concen: 238.327 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Tgt Ion: 63 Resp: 410710
Ion Ratio Lower Upper
63 100
106 27.4 21.2 31.8





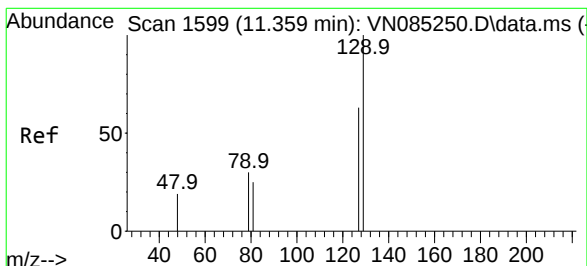
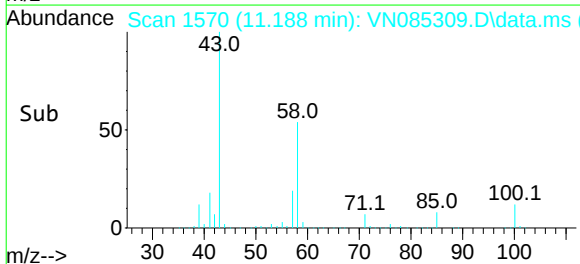
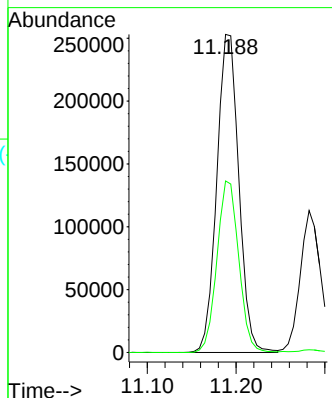
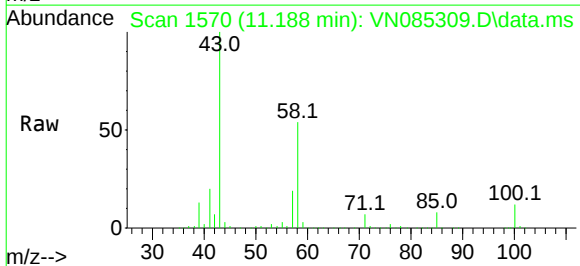
#59
2-Hexanone
Concen: 201.893 ug/l
RT: 11.188 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 436734
Ion Ratio Lower Upper
43 100
58 53.3 25.8 77.4

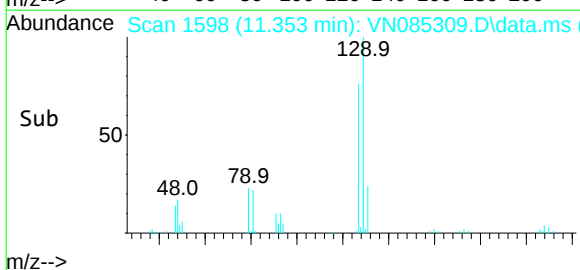
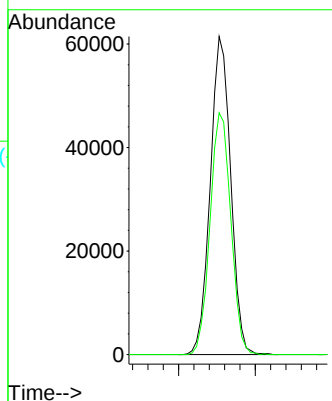
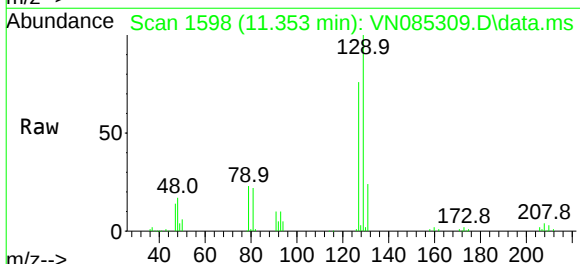
Manual Integrations
APPROVED

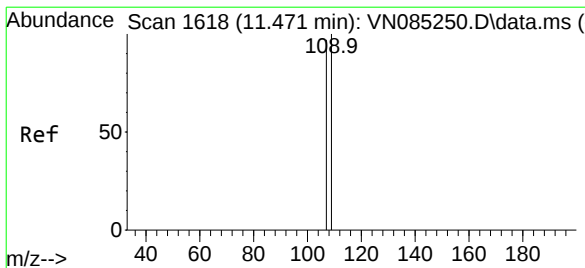
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#60
Dibromochloromethane
Concen: 50.066 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

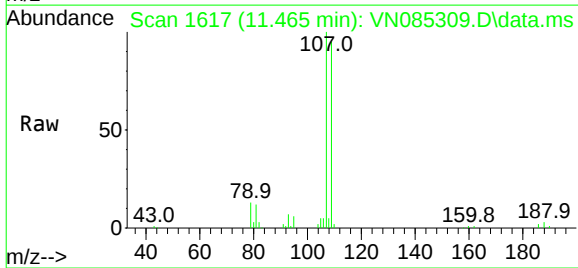
Tgt Ion:129 Resp: 113772
Ion Ratio Lower Upper
129 100
127 77.1 39.6 118.8





#61
1,2-Dibromoethane
Concen: 47.049 ug/l
RT: 11.465 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

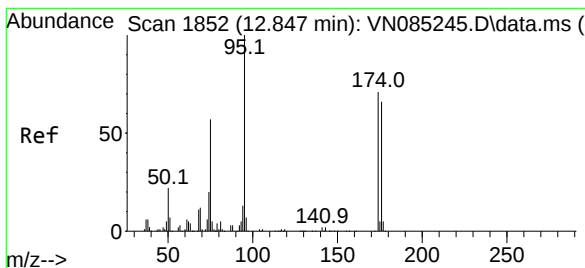
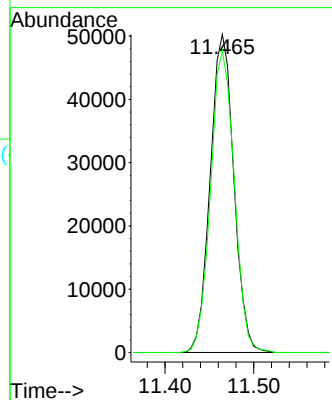
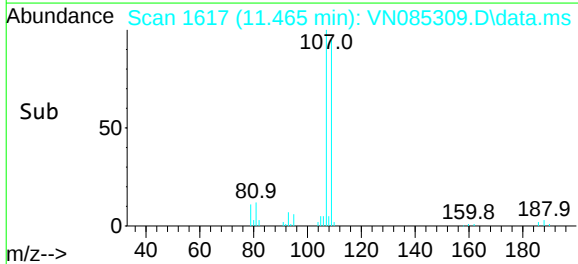
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 107 Resp: 92920
Ion Ratio Lower Upper
107 100
109 95.3 74.2 111.4

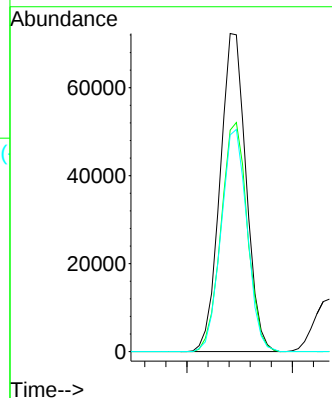
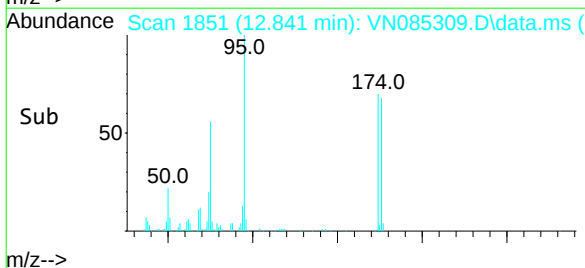
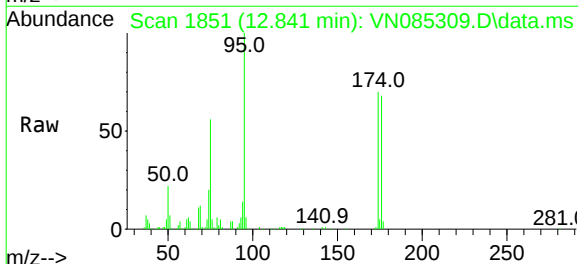
Manual Integrations
APPROVED

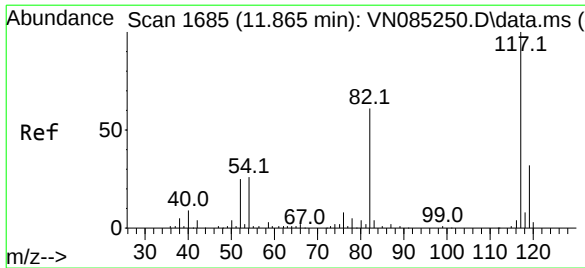
Reviewed By : John Carlone 12/27/2024
Supervised By : Mahesh Dadoda 12/27/2024



#62
4-Bromofluorobenzene
Concen: 48.414 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

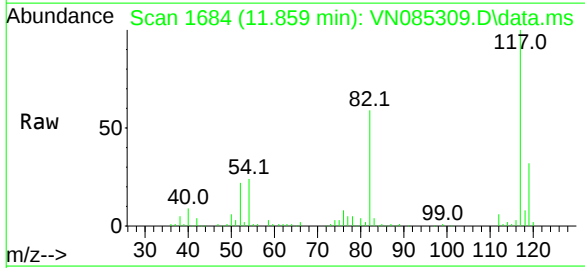
Tgt Ion: 95 Resp: 124254
Ion Ratio Lower Upper
95 100
174 72.6 0.0 144.4
176 69.8 0.0 136.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

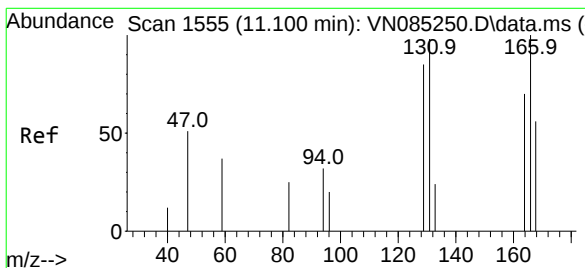
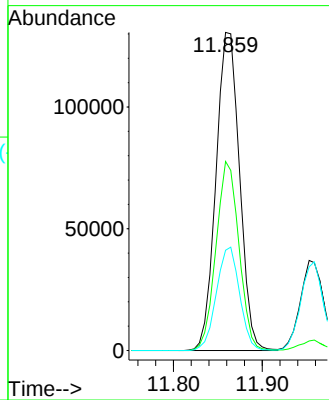
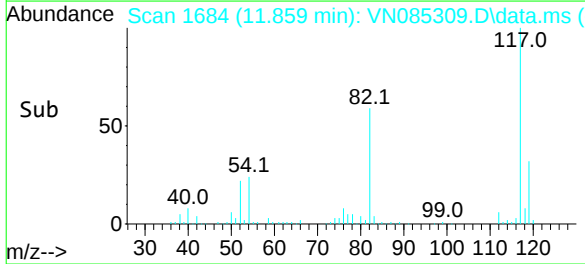
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 241438
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.5 25.6 38.4

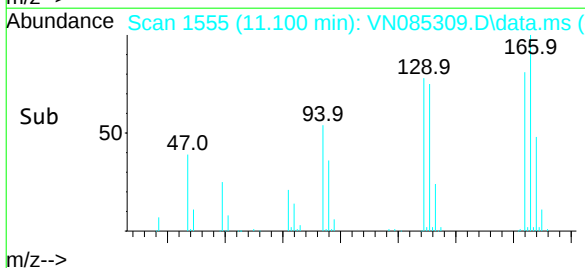
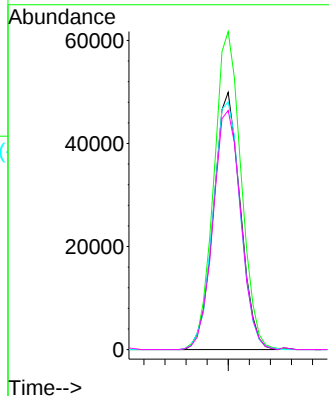
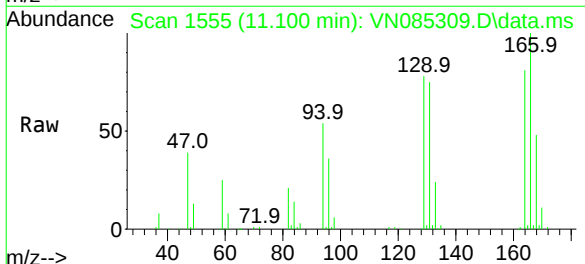
Manual Integrations
APPROVED

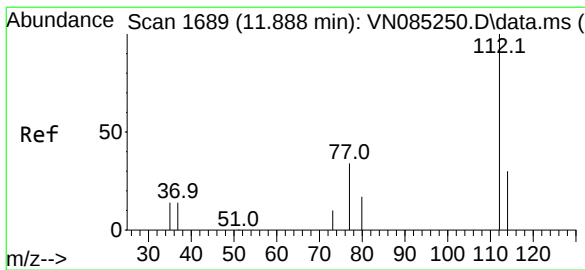
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#64
Tetrachloroethene
Concen: 54.303 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

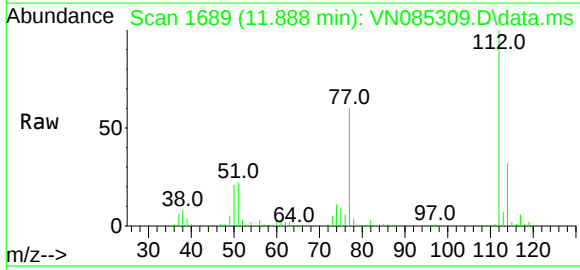
Tgt Ion:164 Resp: 88224
Ion Ratio Lower Upper
164 100
166 123.6 101.5 152.3
129 96.3 79.4 119.2
131 92.9 73.9 110.9





#65
Chlorobenzene
Concen: 51.909 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

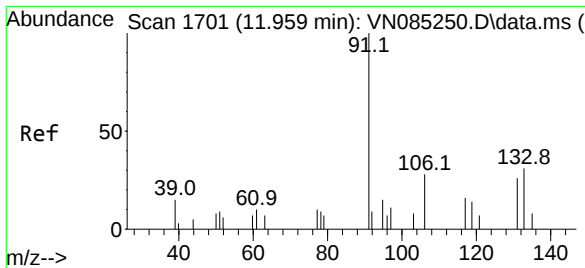
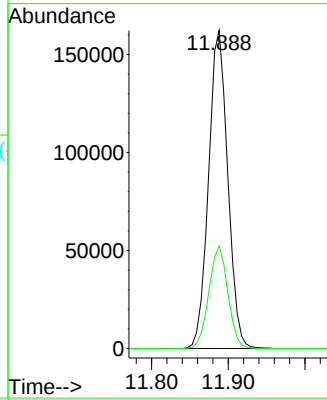
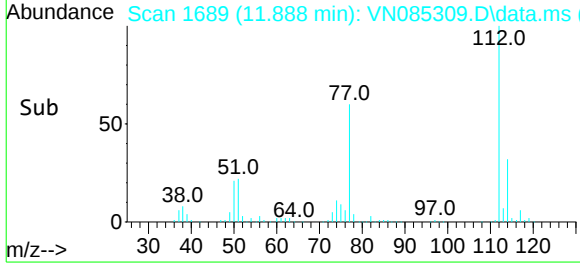
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



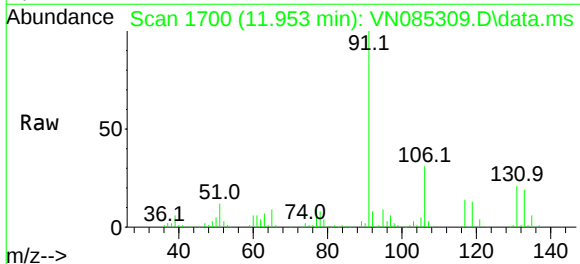
Tgt Ion:112 Resp: 281721
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4

Manual Integrations
APPROVED

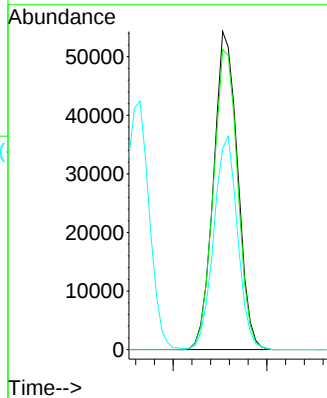
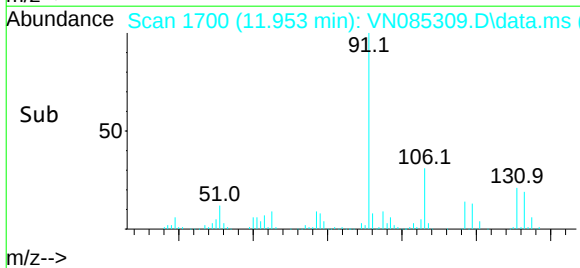
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

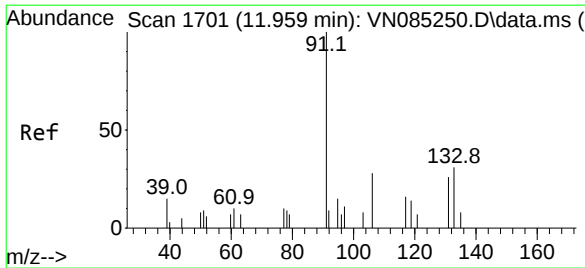


#66
1,1,1,2-Tetrachloroethane
Concen: 51.210 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10



Tgt Ion:131 Resp: 96963
Ion Ratio Lower Upper
131 100
133 95.3 48.6 145.8
119 66.3 32.5 97.5





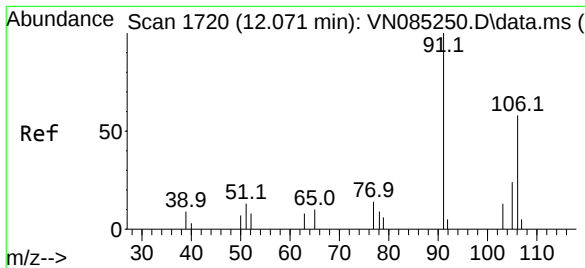
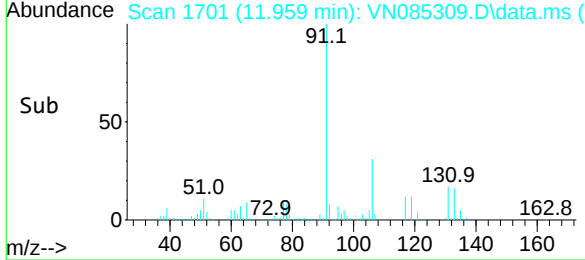
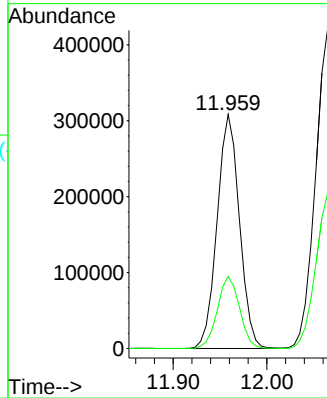
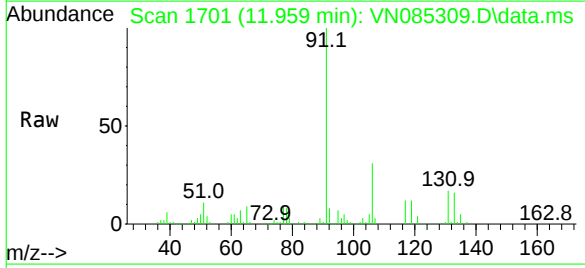
#67
Ethyl Benzene
Concen: 54.842 ug/l
RT: 11.959 min Scan# 1718
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 510160
Ion Ratio Lower Upper
91 100
106 30.8 23.5 35.3

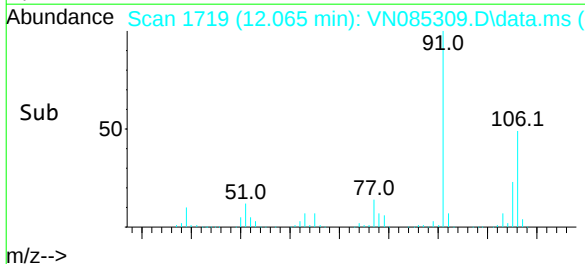
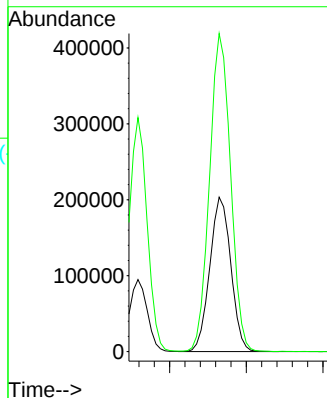
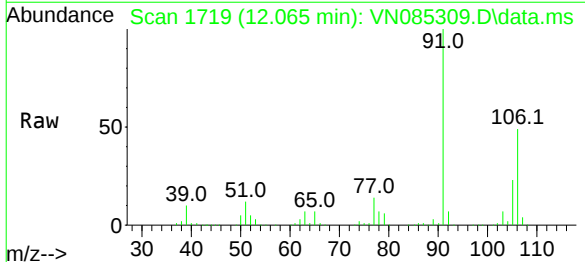
Manual Integrations
APPROVED

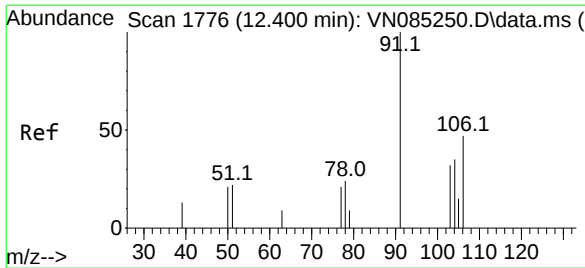
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#68
m/p-Xylenes
Concen: 111.617 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Tgt Ion:106 Resp: 388331
Ion Ratio Lower Upper
106 100
91 205.3 168.3 252.5





#69

o-Xylene

Concen: 56.280 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 184048

Ion Ratio Lower Upper

106 100

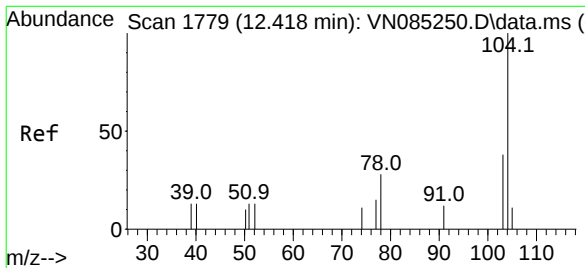
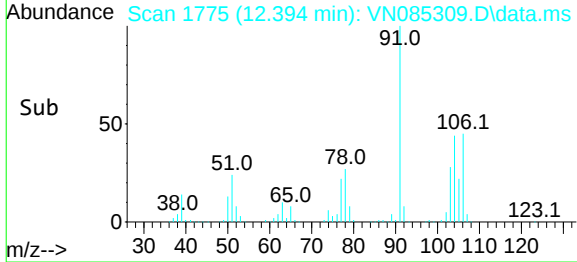
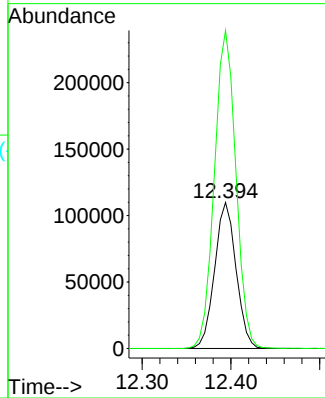
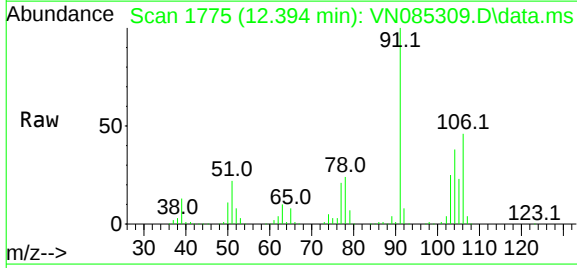
91 218.4 112.1 336.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#70

Styrene

Concen: 56.907 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

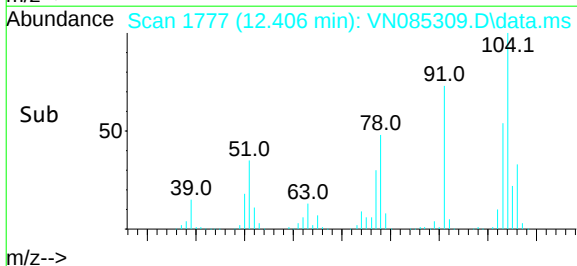
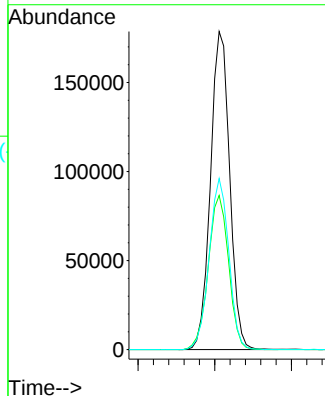
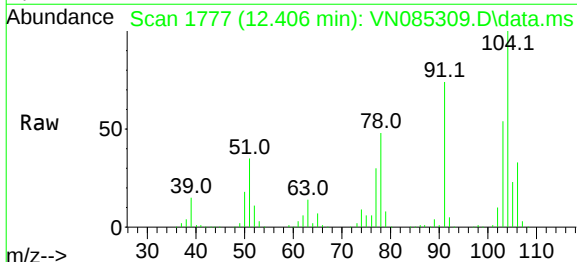
Tgt Ion:104 Resp: 310676

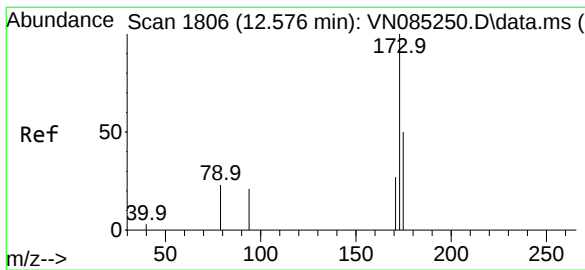
Ion Ratio Lower Upper

104 100

78 51.2 43.2 64.8

103 55.1 44.6 66.8





#71

Bromoform

Concen: 45.779 ug/l

RT: 12.570 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

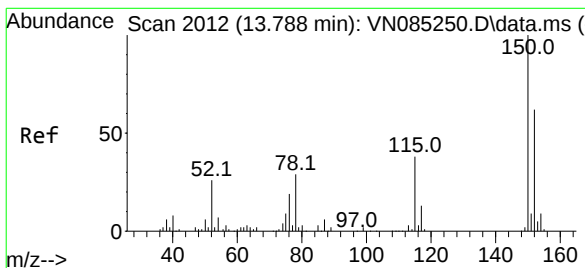
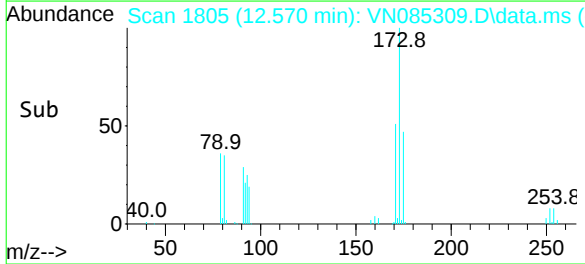
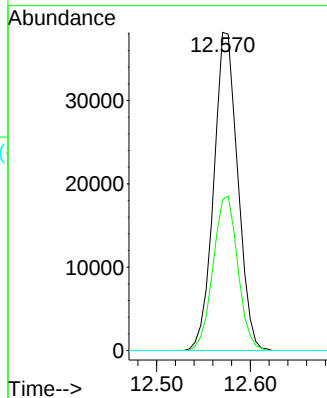
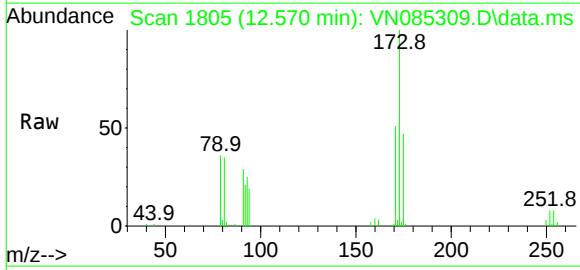
Tgt Ion:	173	Resp:	67945
Ion Ratio	Lower	Upper	
173	100		
175	49.8	24.5	73.5
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

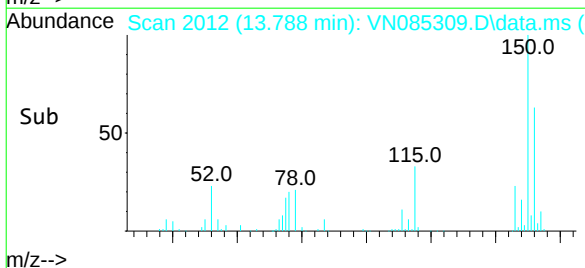
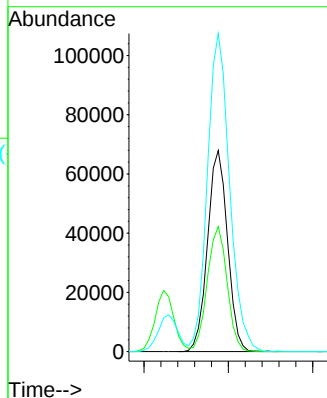
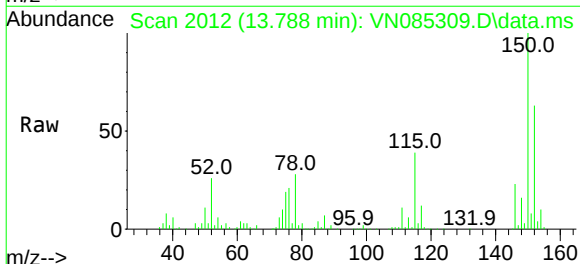
RT: 13.788 min Scan# 2012

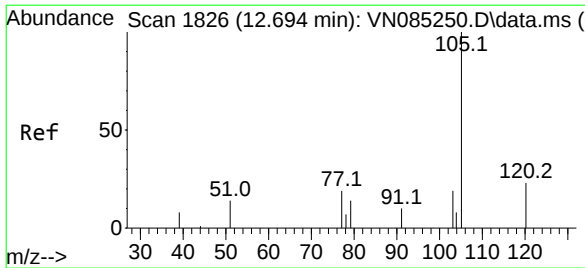
Delta R.T. -0.000 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

Tgt Ion:	152	Resp:	111930
Ion Ratio	Lower	Upper	
152	100		
115	61.5	32.1	96.3
150	175.1	0.0	354.6





#73

Isopropylbenzene

Concen: 58.749 ug/l

RT: 12.688 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 474356

Ion Ratio Lower Upper

105 100

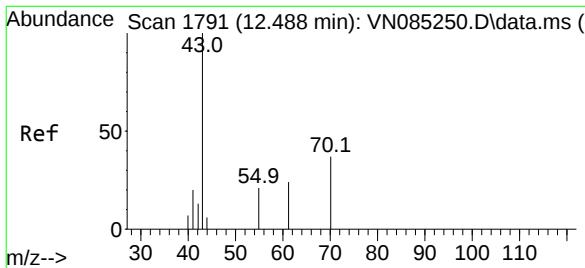
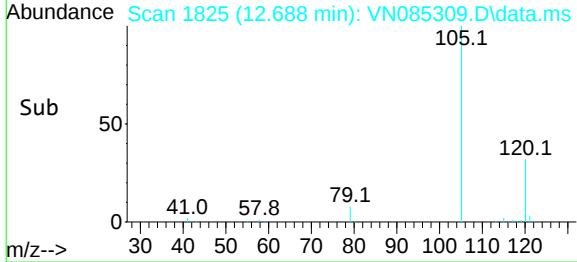
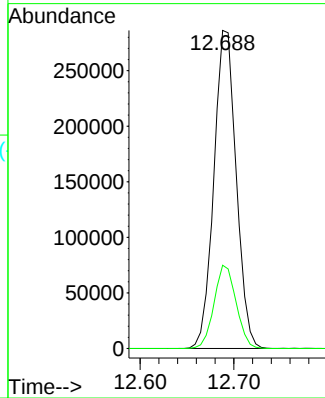
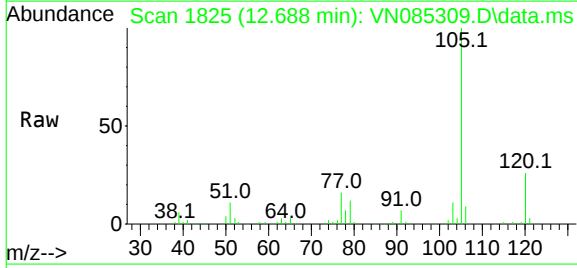
120 25.8 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#74

N-ethyl acetate

Concen: 47.272 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

Tgt Ion: 43 Resp: 190639

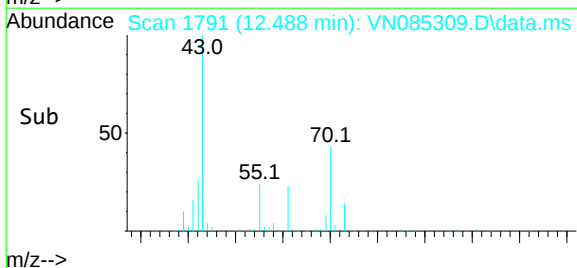
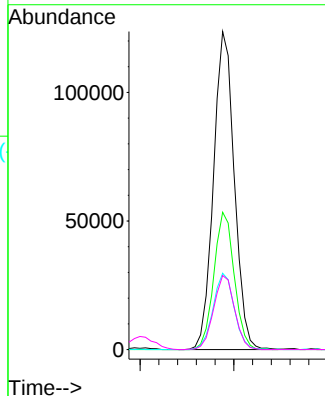
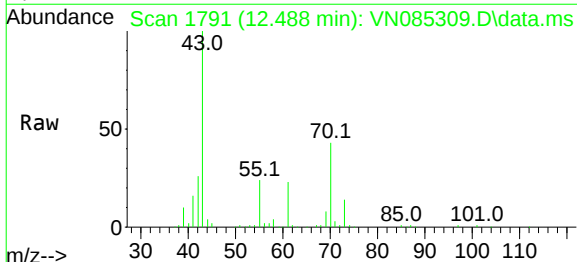
Ion Ratio Lower Upper

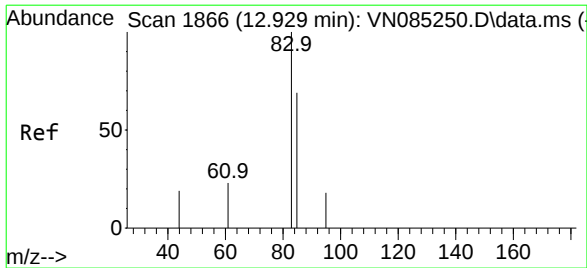
43 100

70 42.3 31.5 47.3

55 24.4 19.0 28.4

61 23.4 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 44.249 ug/l

RT: 12.935 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

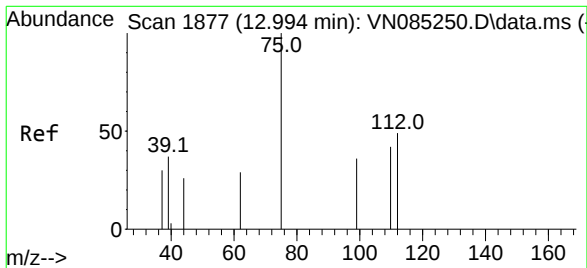
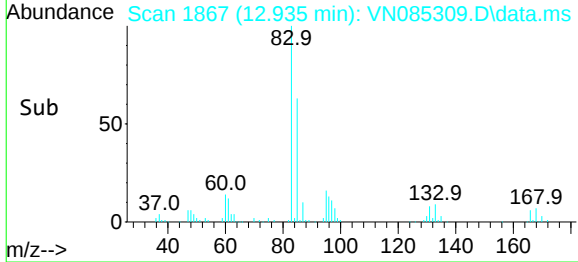
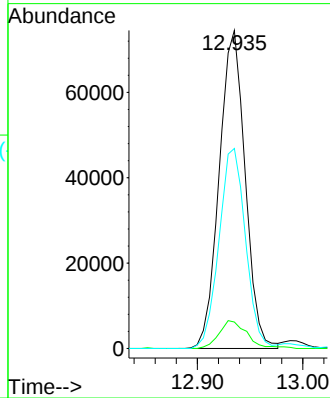
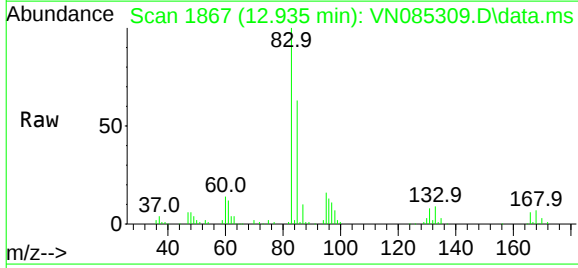
Tgt Ion:	83	Resp:	127300
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.7	14.1
85	64.4	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#76

1,2,3-Trichloropropane

Concen: 42.652 ug/l m

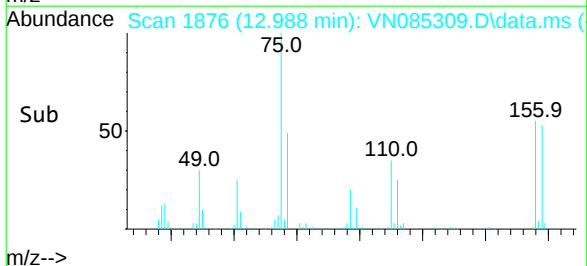
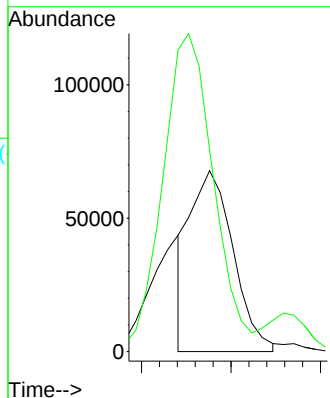
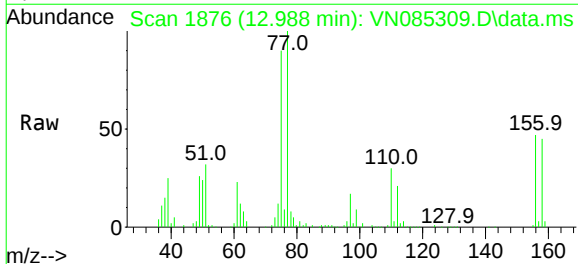
RT: 12.988 min Scan# 1876

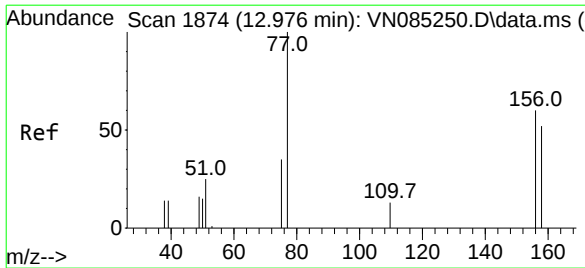
Delta R.T. -0.006 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

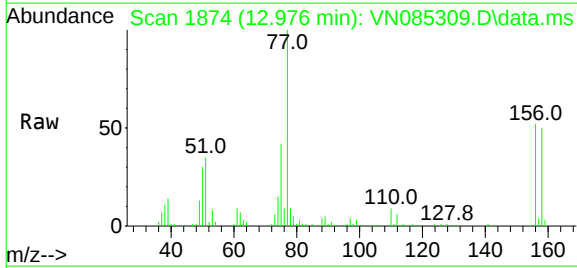
Tgt Ion:	75	Resp:	113798
Ion	Ratio	Lower	Upper
75	100		
77	206.4	102.6	307.7





#77
Bromobenzene
Concen: 50.682 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

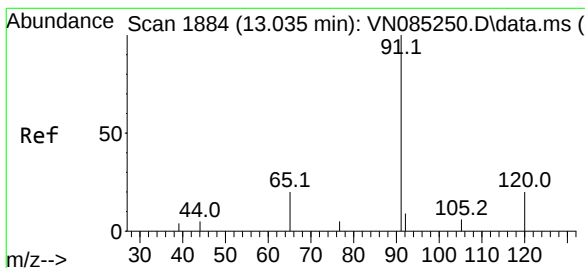
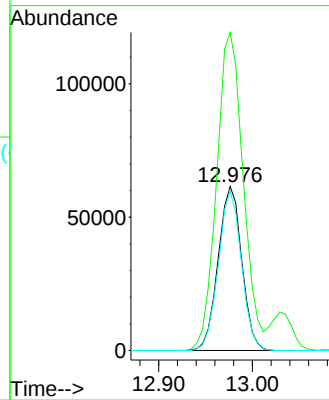
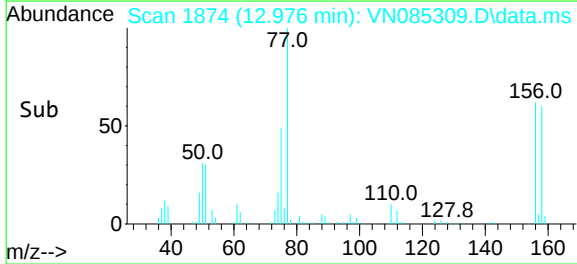
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



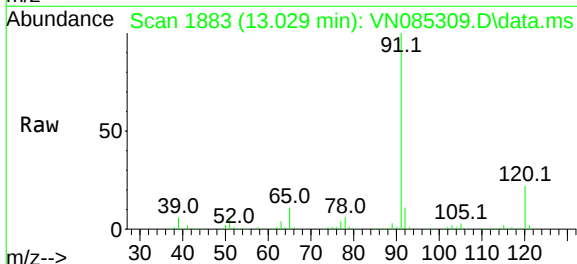
Tgt Ion: 156 Resp: 107445
Ion Ratio Lower Upper
156 100
77 218.7 115.8 347.3
158 94.9 47.9 143.7

Manual Integrations
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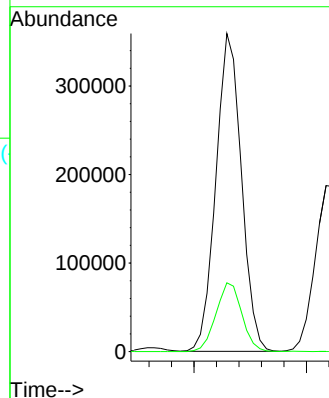
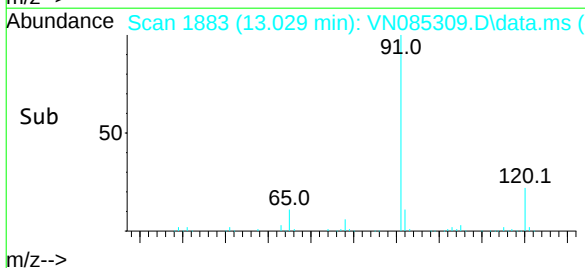
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

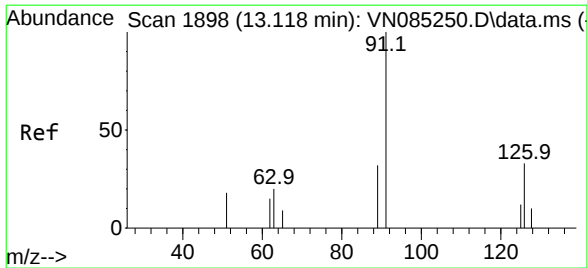


#78
n-propylbenzene
Concen: 57.193 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10



Tgt Ion: 91 Resp: 566348
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.3





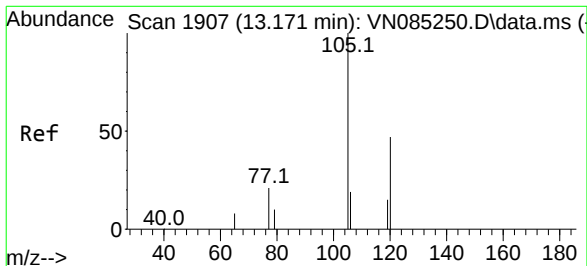
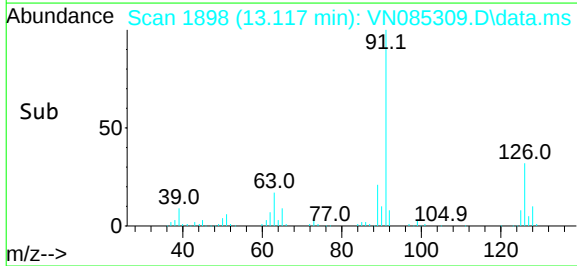
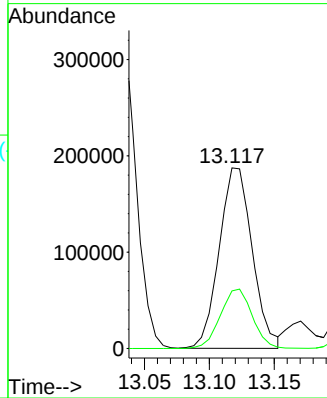
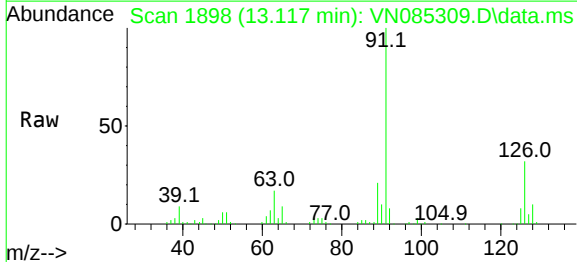
#79
2-Chlorotoluene
Concen: 52.927 ug/l
RT: 13.117 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 332767
Ion Ratio Lower Upper
91 100
126 31.8 15.2 45.5

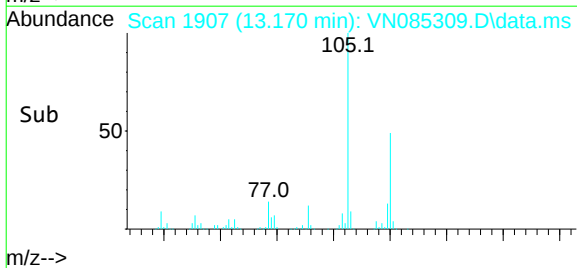
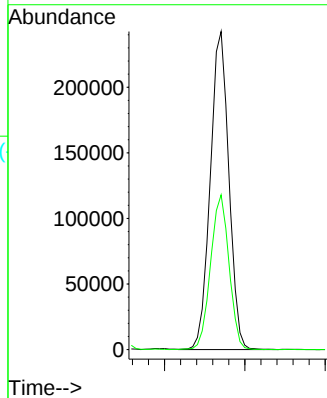
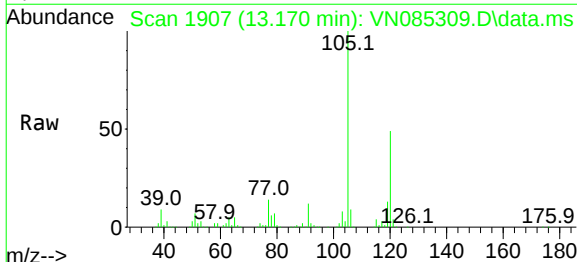
Manual Integrations
APPROVED

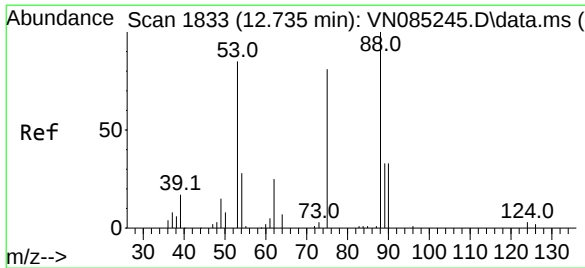
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#80
1,3,5-Trimethylbenzene
Concen: 57.903 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Tgt Ion:105 Resp: 389966
Ion Ratio Lower Upper
105 100
120 48.3 23.4 70.2





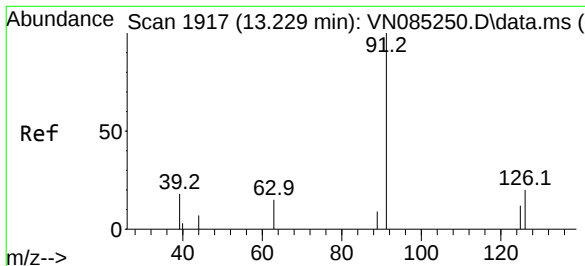
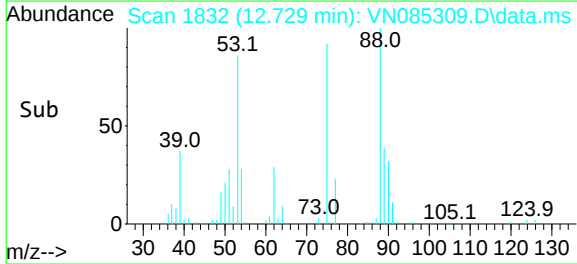
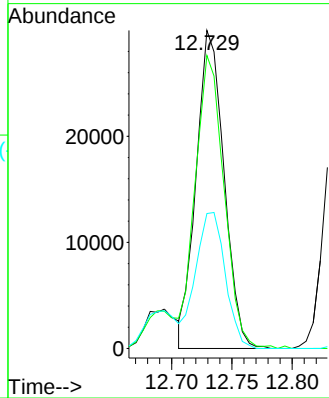
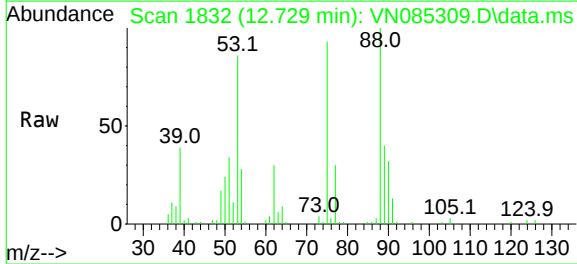
#81
trans-1,4-Dichloro-2-butene
Concen: 47.865 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.2	84.9	127.3
89	45.9	37.9	56.9

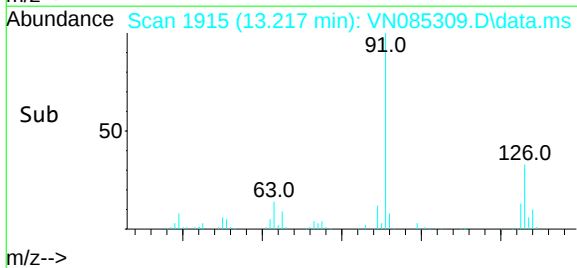
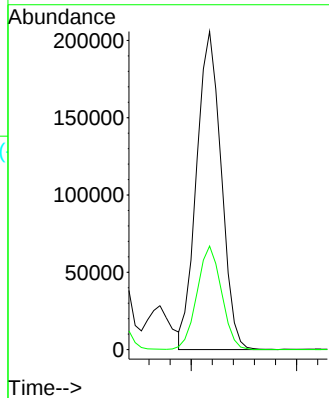
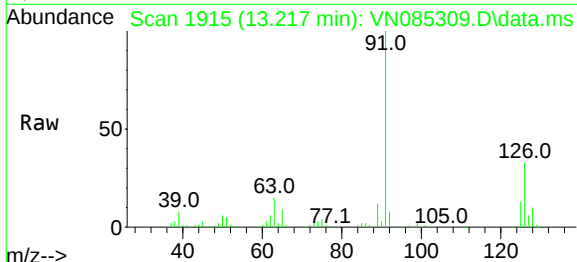
Manual Integrations
APPROVED

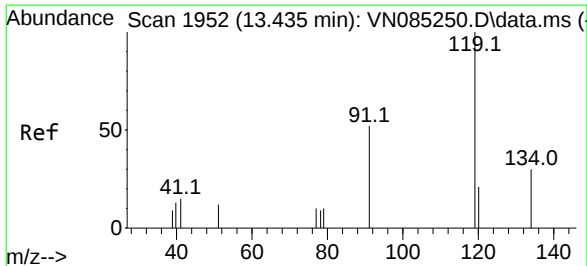
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#82
4-Chlorotoluene
Concen: 52.521 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	15.6	46.8





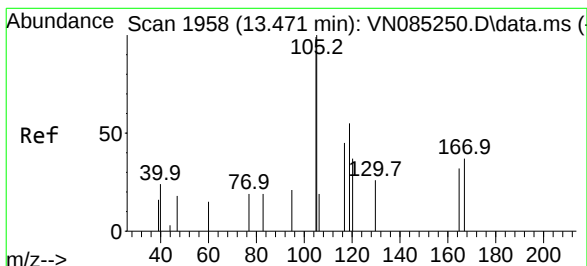
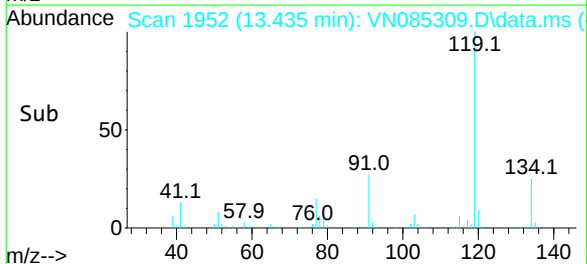
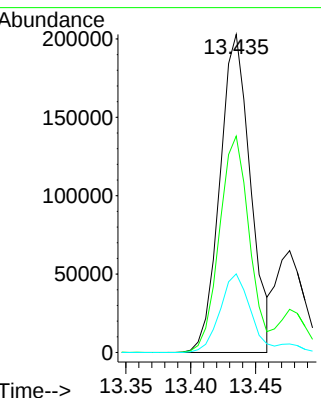
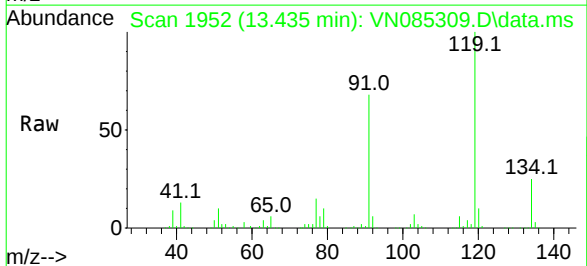
#83
tert-Butylbenzene
Concen: 58.265 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 332785
Ion Ratio Lower Upper
119 100
91 66.5 36.3 108.7
134 24.6 12.2 36.6

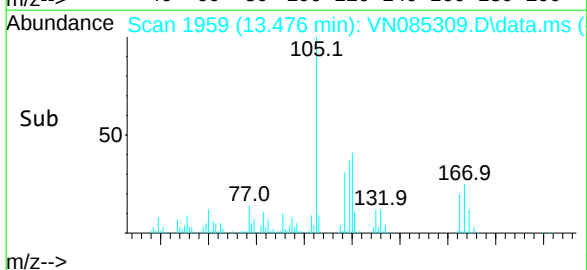
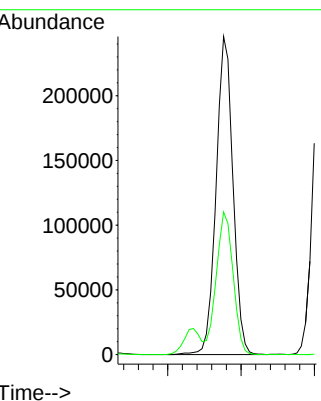
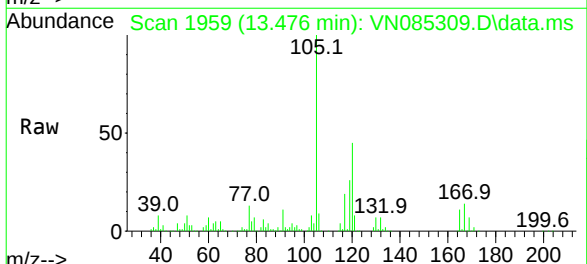
Manual Integrations
APPROVED

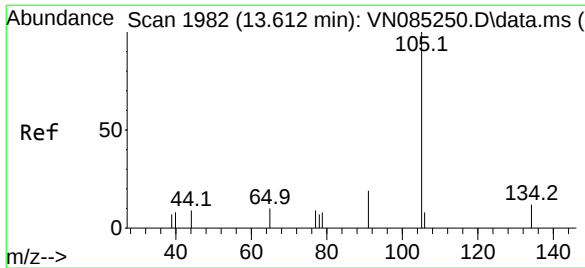
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#84
1,2,4-Trimethylbenzene
Concen: 56.955 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Tgt Ion:105 Resp: 392088
Ion Ratio Lower Upper
105 100
120 45.3 21.8 65.3





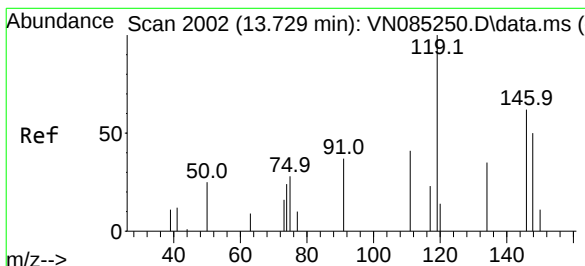
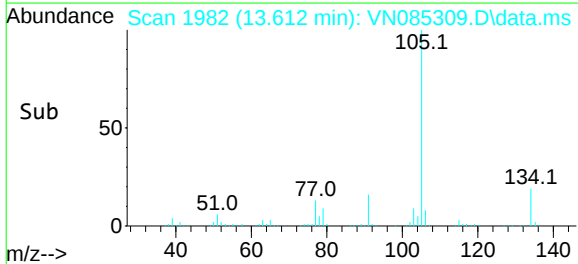
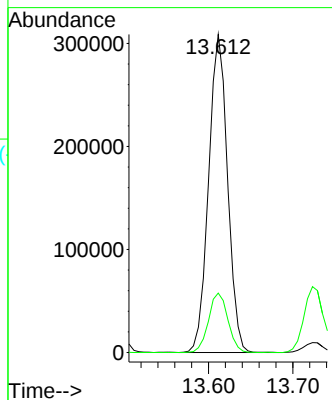
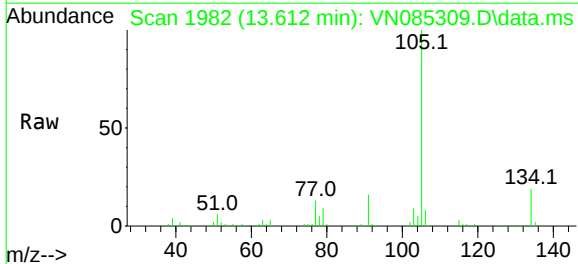
#85
sec-Butylbenzene
Concen: 60.514 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 481866
Ion Ratio Lower Upper
105 100
134 19.1 9.4 28.3

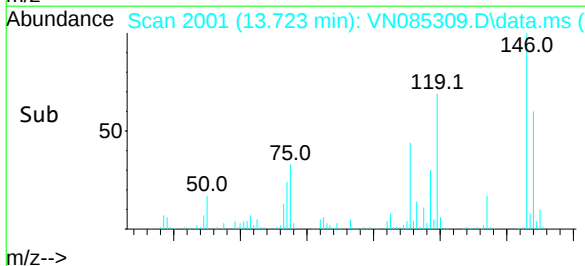
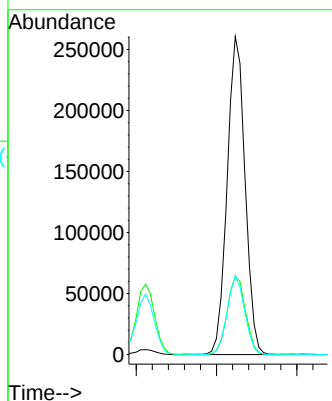
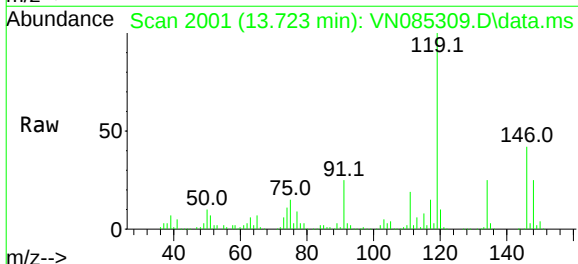
Manual Integrations
APPROVED

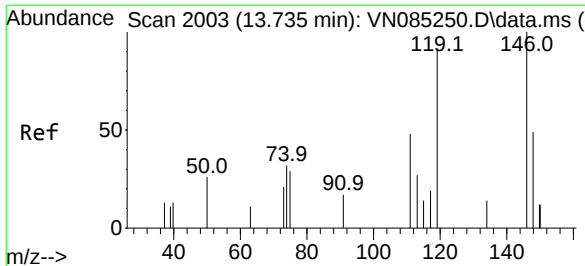
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#86
p-Isopropyltoluene
Concen: 52.248 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

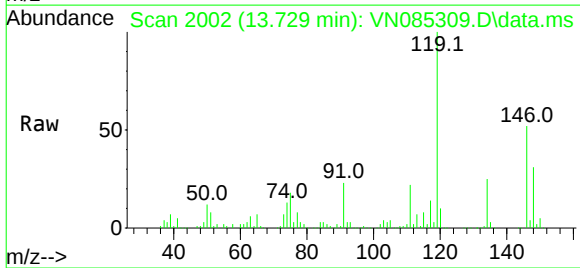
Tgt Ion:119 Resp: 403276
Ion Ratio Lower Upper
119 100
134 25.2 12.5 37.5
91 24.3 13.0 38.9





#87
1,3-Dichlorobenzene
Concen: 51.152 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

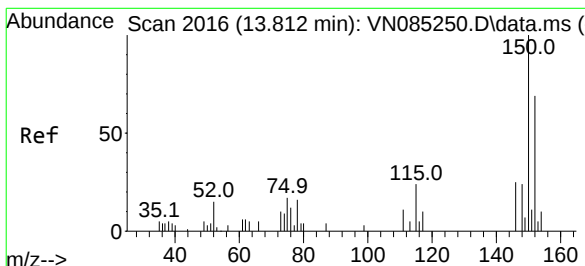
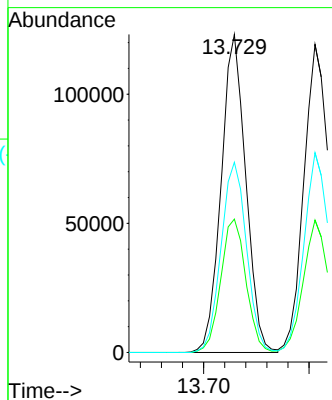
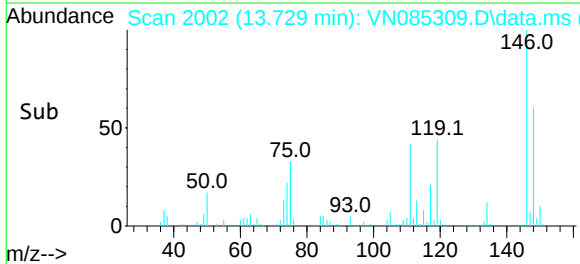
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



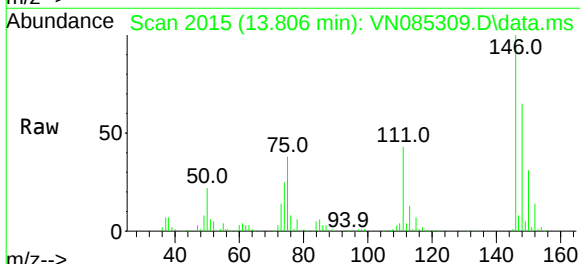
Tgt Ion:146 Resp: 199704
Ion Ratio Lower Upper
146 100
111 43.0 21.5 64.5
148 62.0 31.4 94.0

Manual Integrations
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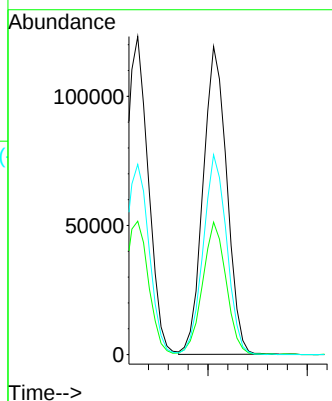
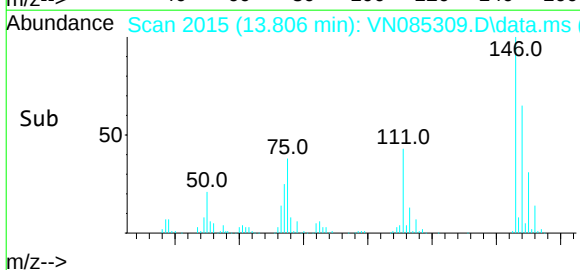
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

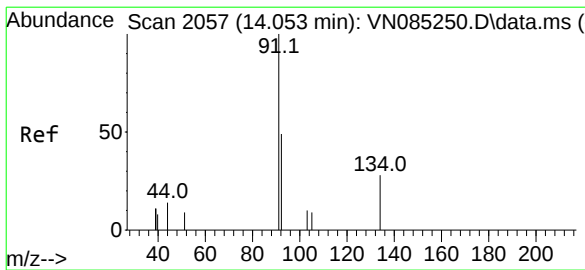


#88
1,4-Dichlorobenzene
Concen: 49.044 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10



Tgt Ion:146 Resp: 198118
Ion Ratio Lower Upper
146 100
111 42.9 20.8 62.5
148 64.4 31.9 95.9





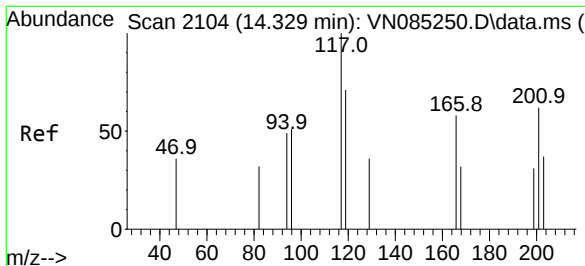
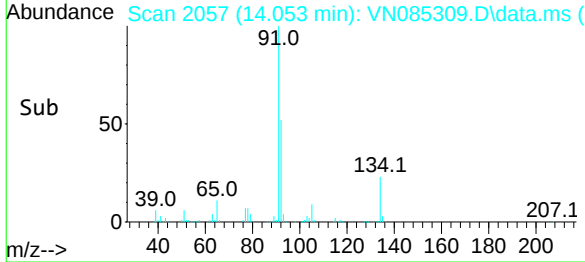
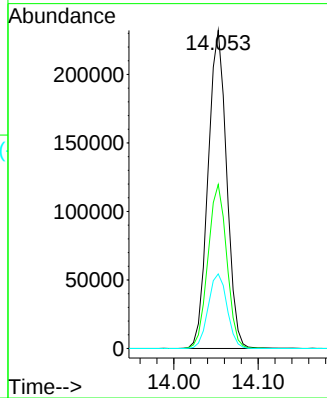
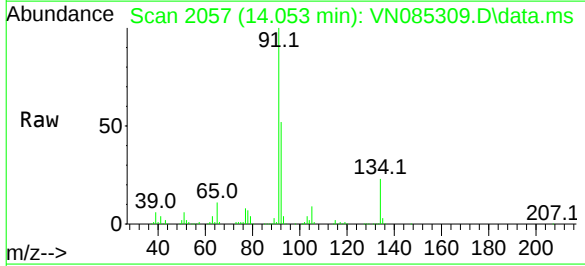
#89
n-Butylbenzene
Concen: 60.636 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 355074
Ion Ratio Lower Upper
91 100
92 52.1 25.8 77.3
134 23.9 12.0 36.0

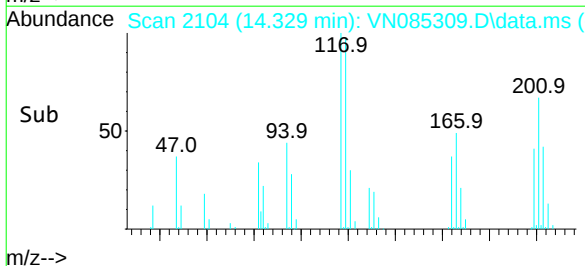
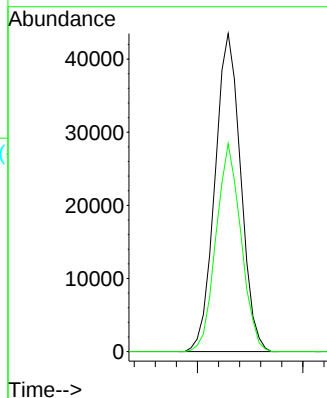
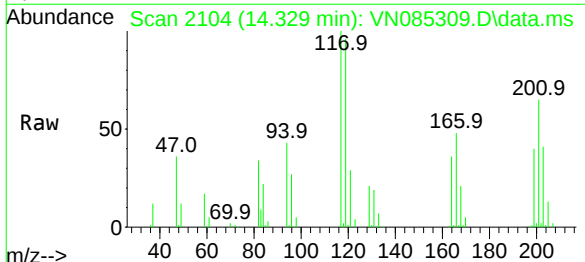
Manual Integrations
APPROVED

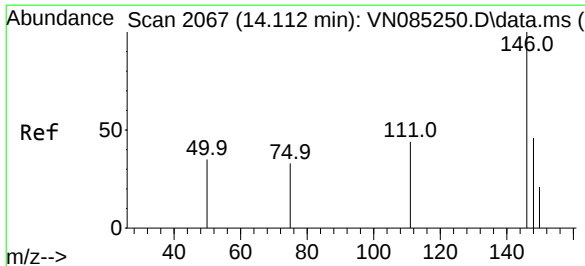
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#90
Hexachloroethane
Concen: 50.457 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

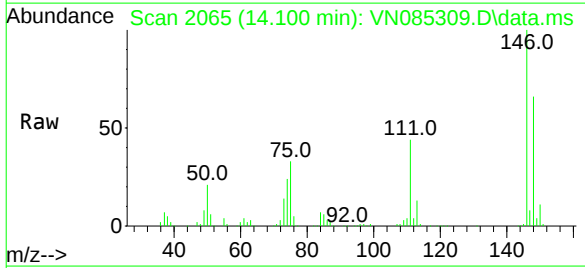
Tgt Ion:117 Resp: 73807
Ion Ratio Lower Upper
117 100
201 63.3 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 51.194 ug/l
RT: 14.100 min Scan# 2067
Delta R.T. -0.006 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

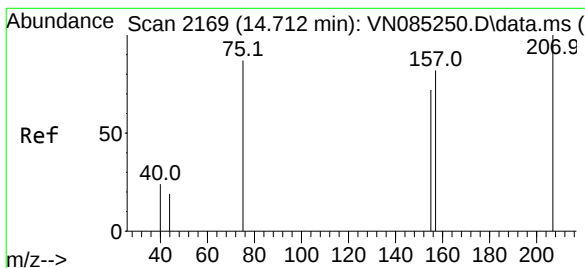
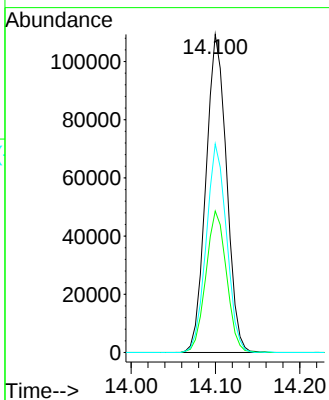
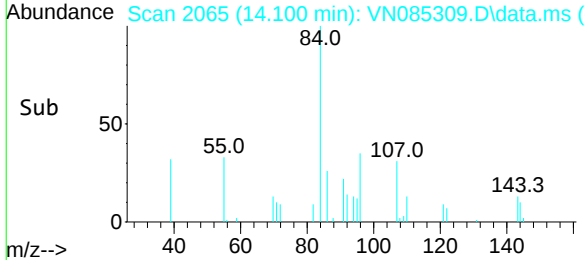
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 146 Resp: 185896
Ion Ratio Lower Upper
146 100
111 44.5 22.1 66.1
148 64.8 31.9 95.9

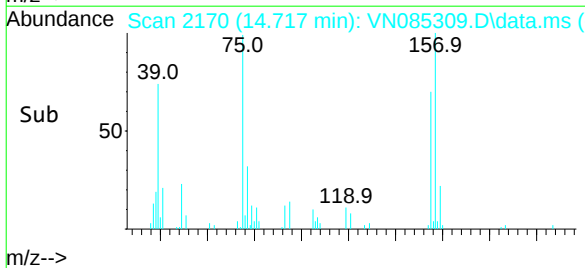
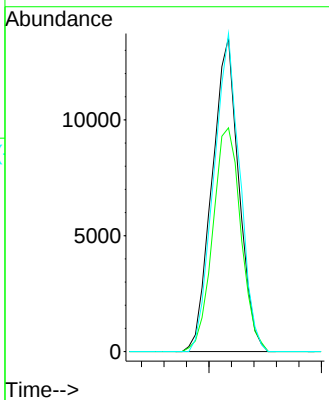
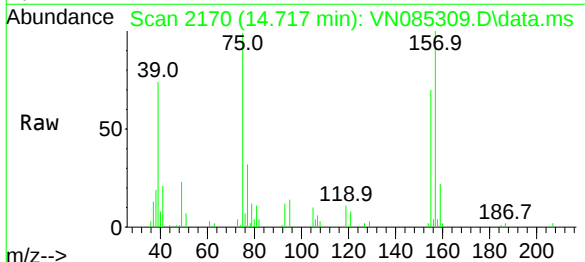
Manual Integrations
APPROVED

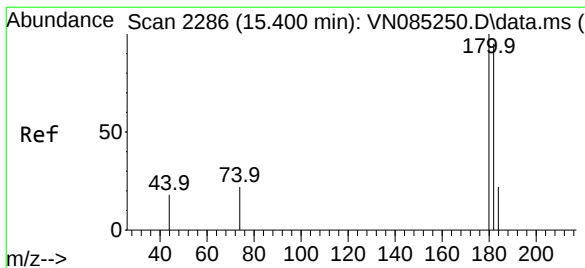
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.652 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085309.D
Acq: 26 Dec 2024 10:10

Tgt Ion: 75 Resp: 22428
Ion Ratio Lower Upper
75 100
155 74.8 35.4 106.2
157 98.5 43.3 129.9





#93

1,2,4-Trichlorobenzene

Concen: 52.301 ug/l

RT: 15.388 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN085309.D

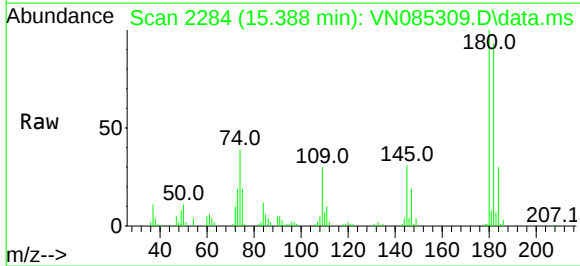
Acq: 26 Dec 2024 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 97216

Ion Ratio Lower Upper

180 100

182 95.2 46.3 138.8

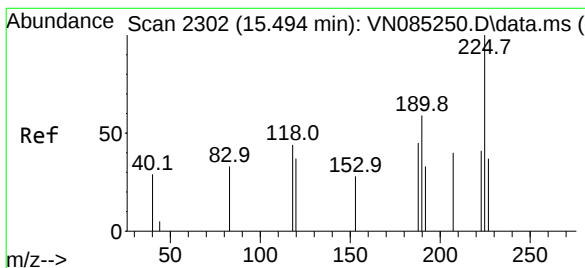
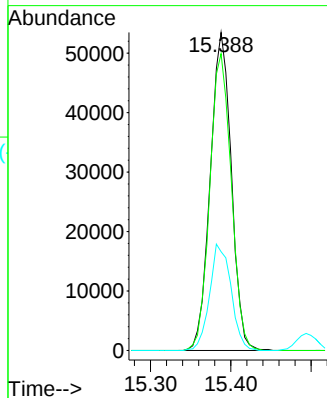
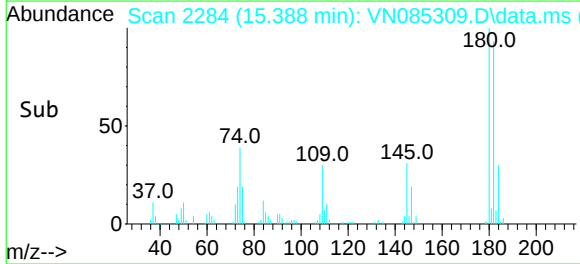
145 34.1 16.6 49.7

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 45.615 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.000 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

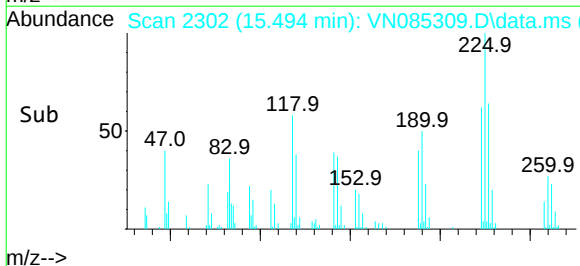
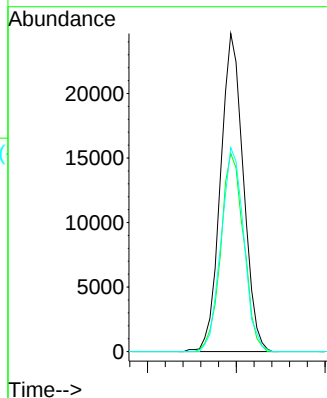
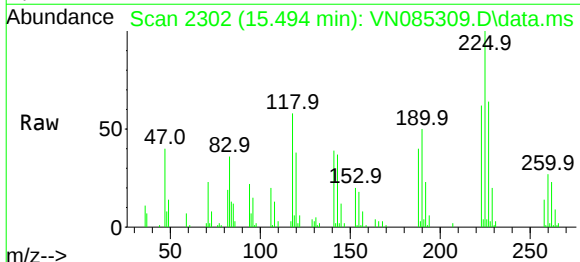
Tgt Ion:225 Resp: 44067

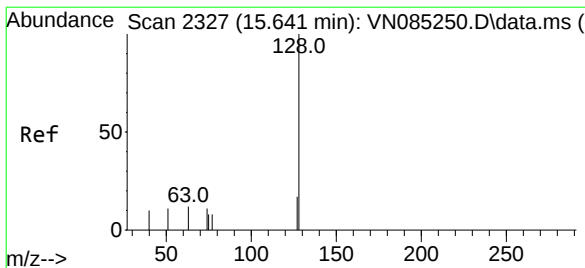
Ion Ratio Lower Upper

225 100

223 62.3 34.1 102.2

227 63.5 33.2 99.6





#95

Naphthalene

Concen: 49.272 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

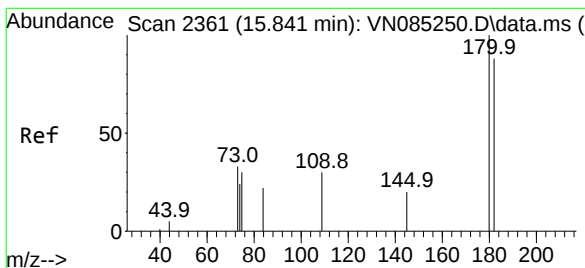
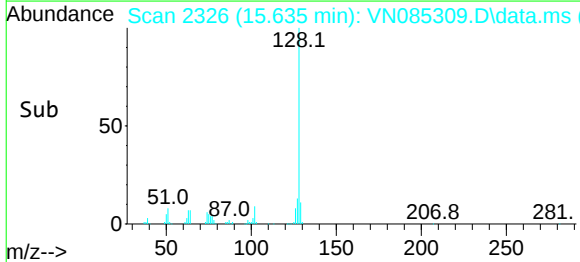
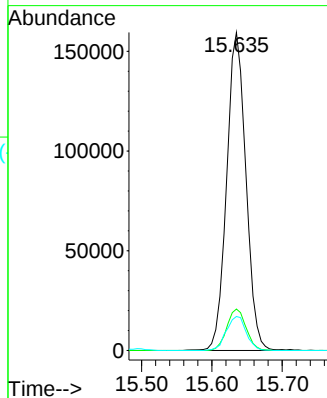
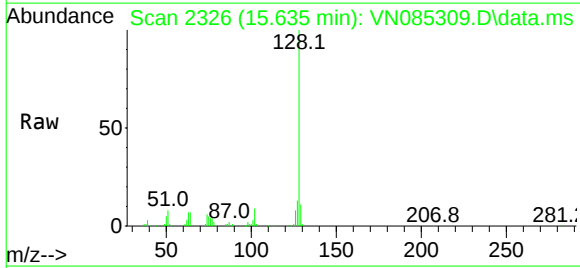
Tgt Ion:	128	Resp:	303294
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations

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Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#96

1,2,3-Trichlorobenzene

Concen: 50.038 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085309.D

Acq: 26 Dec 2024 10:10

Tgt Ion:	180	Resp:	92900
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.9	140.6
145	34.0	17.6	52.8

