

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085319.D
 Acq On : 26 Dec 2024 16:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 27 00:48:12 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)

Internal Standards						
1) Pentafluorobenzene	8.224	168	138436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	251896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103732	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117333	48.492	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.980%
35) Dibromofluoromethane	8.159	113	90227	50.948	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.900%
50) Toluene-d8	10.565	98	343480	53.065	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.140%
62) 4-Bromofluorobenzene	12.847	95	119954	51.885	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.780%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	107421	48.709	ug/l 95
3) Chloromethane	2.359	50	110102	52.377	ug/l 100
4) Vinyl Chloride	2.512	62	126234	64.093	ug/l 95
5) Bromomethane	2.953	94	77690	60.131	ug/l 100
6) Chloroethane	3.118	64	81045	67.199	ug/l 96
7) Trichlorofluoromethane	3.495	101	158933	49.971	ug/l 98
8) Diethyl Ether	3.959	74	57190	57.248	ug/l 96
9) 1,1,2-Trichlorotrifluo...	4.371	101	90305	52.939	ug/l 97
10) Methyl Iodide	4.589	142	109006	56.045	ug/l 94
11) Tert butyl alcohol	5.512	59	75151	223.591	ug/l 99
12) 1,1-Dichloroethene	4.336	96	86759	54.907	ug/l 85
13) Acrolein	4.177	56	119452	308.608	ug/l 97
14) Allyl chloride	5.024	41	135175	49.398	ug/l 97
15) Acrylonitrile	5.718	53	220557	240.923	ug/l 98
16) Acetone	4.418	43	182951	219.047	ug/l 95
17) Carbon Disulfide	4.712	76	243600	45.177	ug/l 98
18) Methyl Acetate	5.024	43	112259	47.476	ug/l 95
19) Methyl tert-butyl Ether	5.789	73	299095	55.226	ug/l 100
20) Methylene Chloride	5.271	84	96167	52.636	ug/l 97
21) trans-1,2-Dichloroethene	5.783	96	91090	52.288	ug/l 88
22) Diisopropyl ether	6.665	45	306243	52.460	ug/l 98
23) Vinyl Acetate	6.600	43	1146163	254.095	ug/l 98
24) 1,1-Dichloroethane	6.565	63	176484	52.191	ug/l 99
25) 2-Butanone	7.477	43	301366	235.617	ug/l 98
26) 2,2-Dichloropropane	7.488	77	159273	50.866	ug/l 99
27) cis-1,2-Dichloroethene	7.483	96	107862	53.178	ug/l 97
28) Bromochloromethane	7.812	49	79208	46.446	ug/l 97
29) Tetrahydrofuran	7.835	42	194378	235.753	ug/l 95
30) Chloroform	7.965	83	179374	49.672	ug/l 97
31) Cyclohexane	8.253	56	153322	48.978	ug/l 96
32) 1,1,1-Trichloroethane	8.165	97	160958	50.009	ug/l 98
36) 1,1-Dichloropropene	8.365	75	128450	52.089	ug/l 98
37) Ethyl Acetate	7.553	43	122140	42.933	ug/l 99
38) Carbon Tetrachloride	8.359	117	139150	46.671	ug/l 96
39) Methylcyclohexane	9.600	83	143764	56.025	ug/l 94
40) Benzene	8.600	78	391029	50.971	ug/l 100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	69066	47.637	ug/l	99
42) 1,2-Dichloroethane	8.665	62	136524	46.721	ug/l	98
43) Isopropyl Acetate	8.682	43	216749	41.661	ug/l	96
44) Trichloroethene	9.347	130	91138	53.361	ug/l	100
45) 1,2-Dichloropropane	9.618	63	96036	50.560	ug/l	93
46) Dibromomethane	9.706	93	67989	50.141	ug/l	98
47) Bromodichloromethane	9.882	83	143301	49.326	ug/l	99
48) Methyl methacrylate	9.677	41	100004	46.891	ug/l	93
49) 1,4-Dioxane	9.694	88	32423	964.242	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	641144	234.541	ug/l	98
52) Toluene	10.629	92	241558	52.367	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	152589	53.885	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	159326	52.919	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	88064	50.986	ug/l	98
56) Ethyl methacrylate	10.871	69	147480	45.135	ug/l	95
57) 1,3-Dichloropropane	11.159	76	157389	51.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	363816	234.621	ug/l	98
59) 2-Hexanone	11.194	43	464633	238.443	ug/l	98
60) Dibromochloromethane	11.359	129	105095	51.340	ug/l	99
61) 1,2-Dibromoethane	11.465	107	88998	50.026	ug/l	98
64) Tetrachloroethene	11.100	164	77447	53.176	ug/l	95
65) Chlorobenzene	11.888	112	261033	53.654	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	90808	53.499	ug/l	97
67) Ethyl Benzene	11.959	91	473470	56.778	ug/l	97
68) m/p-Xylenes	12.071	106	355877	114.105	ug/l	98
69) o-Xylene	12.394	106	173424	59.158	ug/l	95
70) Styrene	12.406	104	286718	58.585	ug/l	98
71) Bromoform	12.576	173	64826	48.723	ug/l #	97
73) Isopropylbenzene	12.694	105	440218	58.829	ug/l	99
74) N-amyl acetate	12.488	43	195411	52.285	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	126667	47.509	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	117449m	47.500	ug/l	
77) Bromobenzene	12.976	156	95295	48.503	ug/l	98
78) n-propylbenzene	13.035	91	519621	56.621	ug/l	99
79) 2-Chlorotoluene	13.123	91	307462	52.767	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	363663	58.265	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	46953	50.422	ug/l	95
82) 4-Chlorotoluene	13.217	91	311672	52.859	ug/l	97
83) tert-Butylbenzene	13.435	119	308339	58.252	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	369772	57.958	ug/l	100
85) sec-Butylbenzene	13.612	105	434099	58.824	ug/l	99
86) p-Isopropyltoluene	13.723	119	372341	52.060	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	187931	51.941	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	188234	50.280	ug/l	99
89) n-Butylbenzene	14.053	91	332750	61.314	ug/l	99
90) Hexachloroethane	14.329	117	67213	49.581	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	176001	52.300	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24166	47.264	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	91741	53.256	ug/l	98
94) Hexachlorobutadiene	15.494	225	38665	43.186	ug/l	95
95) Naphthalene	15.635	128	447026	78.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	87054	50.595	ug/l	99

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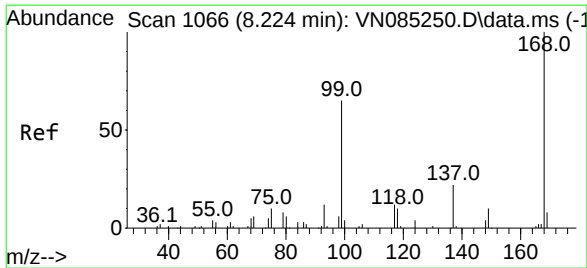
Manual Integrations
APPROVED

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

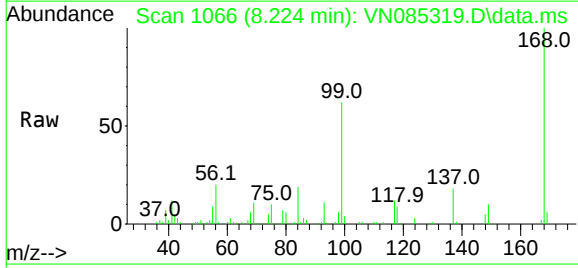
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085319.D
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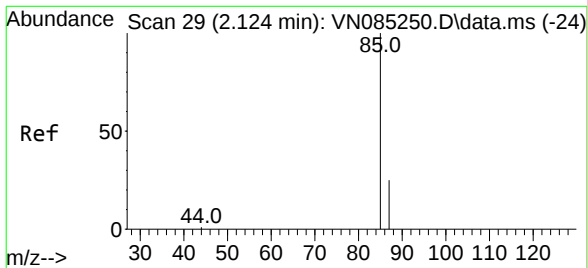
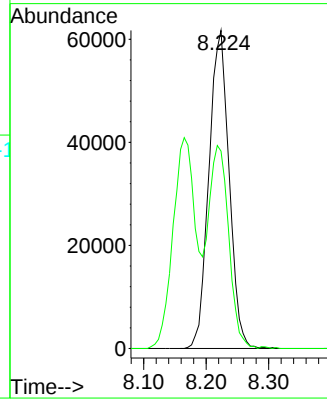
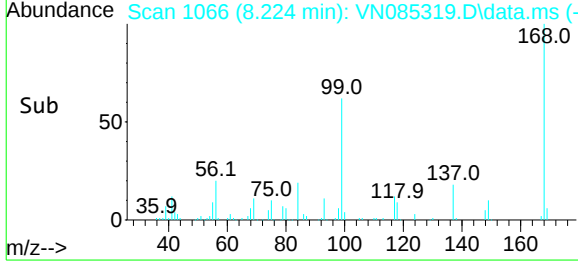
Instrument :
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VSTDCCC050EC



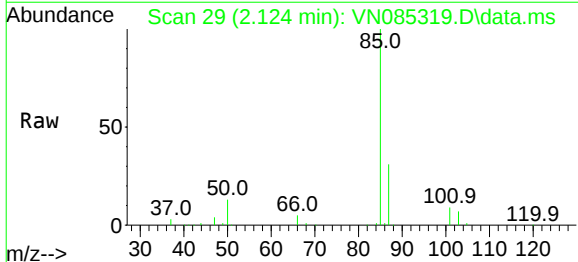
Tgt Ion: 168 Resp: 138436
Ion Ratio Lower Upper
168 100
99 62.1 50.7 76.1

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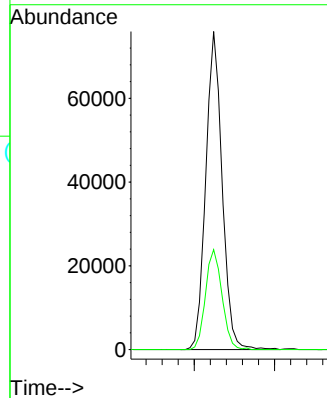
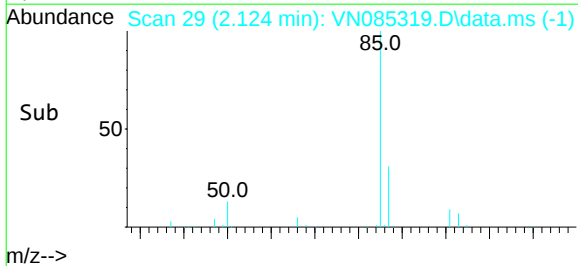
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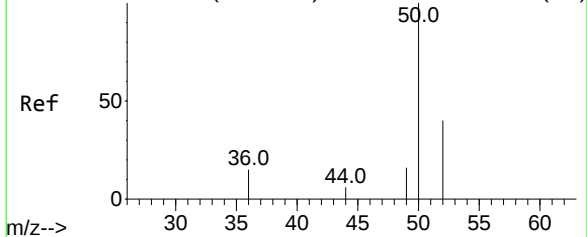
#2
Dichlorodifluoromethane
Concen: 48.709 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04



Tgt Ion: 85 Resp: 107421
Ion Ratio Lower Upper
85 100
87 31.4 17.1 51.3



Abundance Scan 69 (2.359 min): VN085250.D\data.ms (-65)



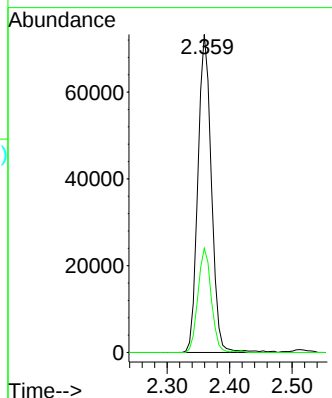
#3
Chloromethane
Concen: 52.377 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Instrument :
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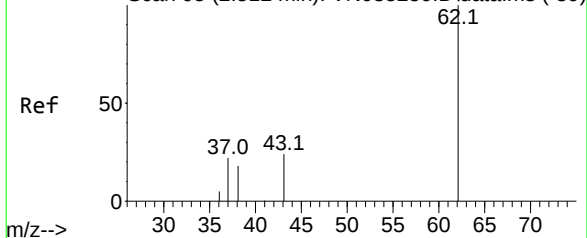
Tgt Ion: 50 Resp: 110102
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2

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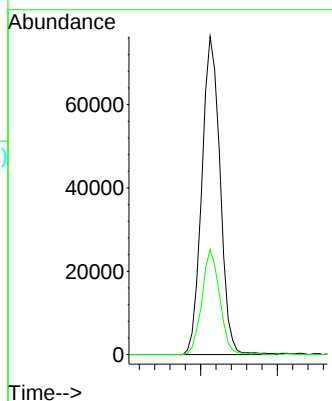


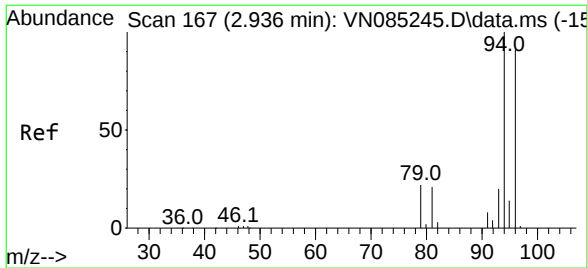
Abundance Scan 95 (2.512 min): VN085250.D\data.ms (-89)



#4
Vinyl Chloride
Concen: 64.093 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 62 Resp: 126234
Ion Ratio Lower Upper
62 100
64 33.1 24.5 36.7





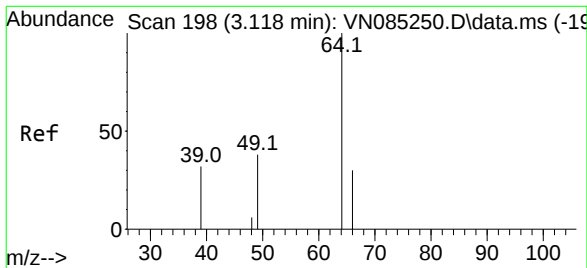
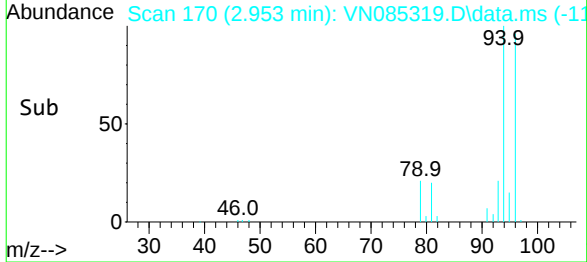
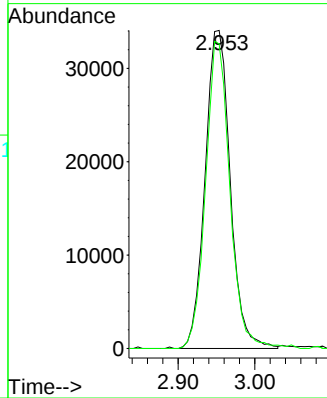
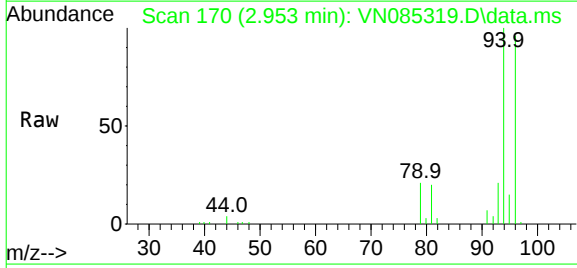
#5
Bromomethane
Concen: 60.131 ug/l
RT: 2.953 min Scan# 17
Delta R.T. 0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Instrument :
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Tgt Ion: 94 Resp: 77690
Ion Ratio Lower Upper
94 100
96 95.8 76.8 115.2

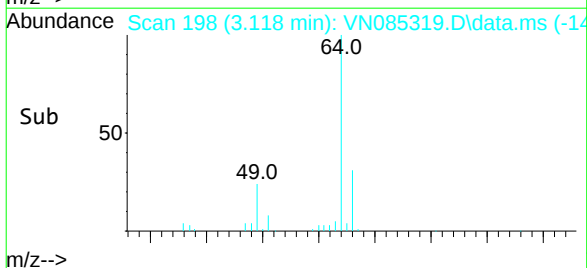
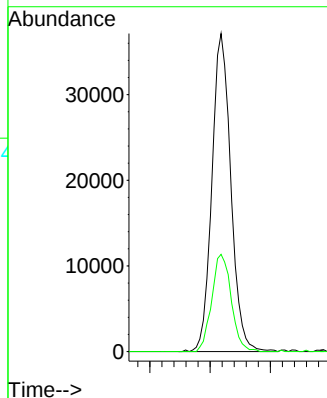
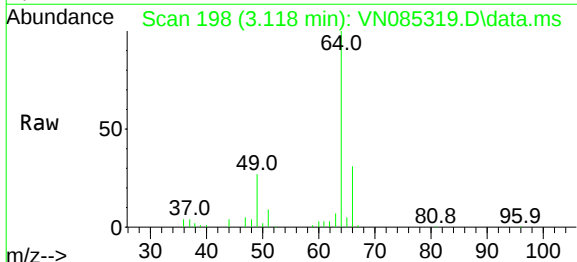
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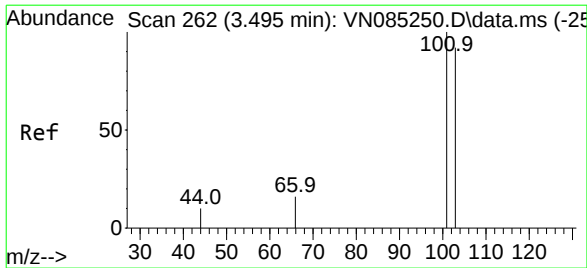
Reviewed By :John Carlone 12/27/2024
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#6
Chloroethane
Concen: 67.199 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

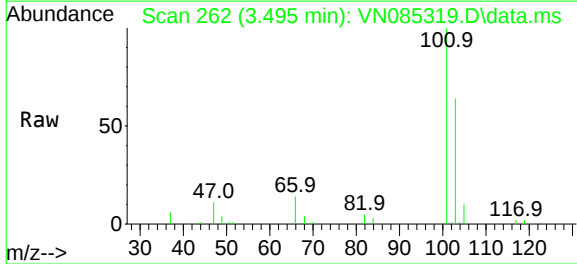
Tgt Ion: 64 Resp: 81045
Ion Ratio Lower Upper
64 100
66 30.6 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 49.971 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN085319.D
 Acq: 26 Dec 2024 16:04

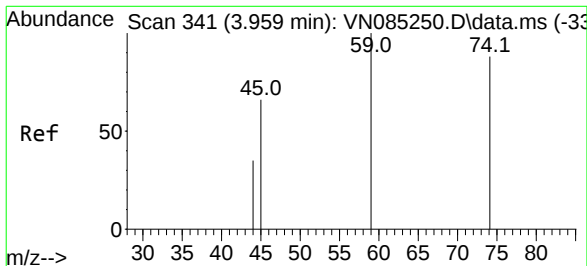
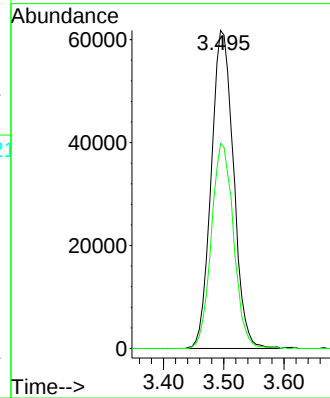
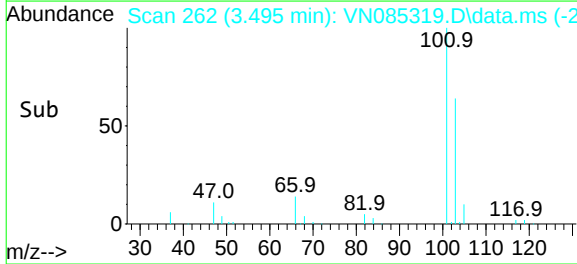
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Tgt Ion: 101 Resp: 158933
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.2 75.4

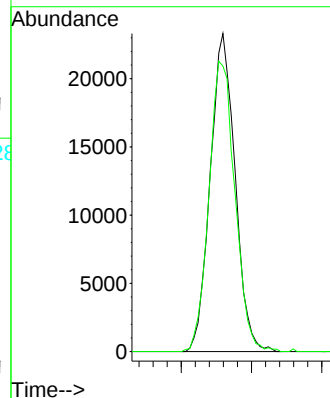
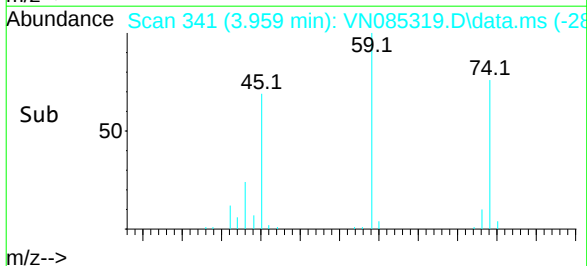
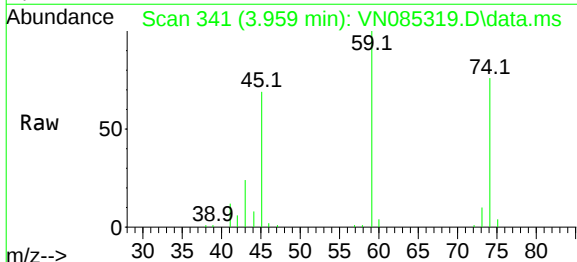
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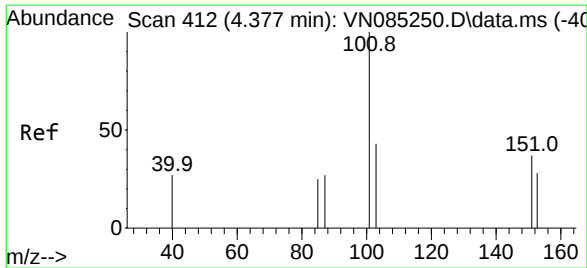
Reviewed By : John Carlone 12/27/2024
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#8
 Diethyl Ether
 Concen: 57.248 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085319.D
 Acq: 26 Dec 2024 16:04

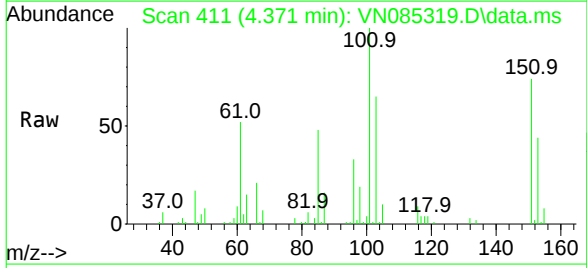
Tgt Ion: 74 Resp: 57190
 Ion Ratio Lower Upper
 74 100
 45 95.7 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.939 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085319.D
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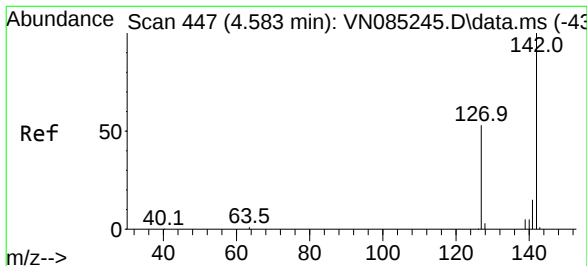
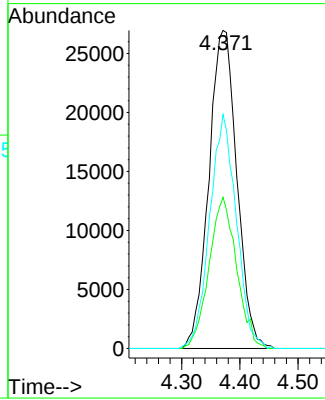
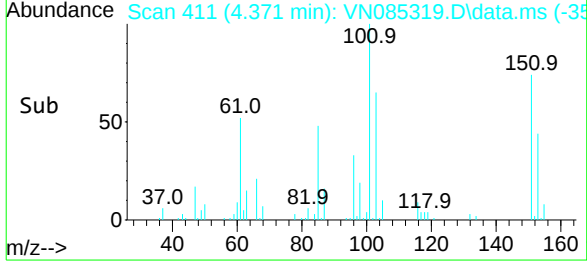
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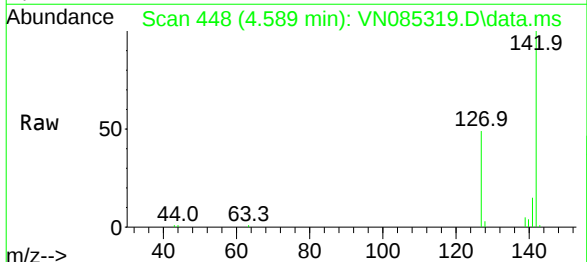
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Ion Ratio Lower Upper
101 100
85 46.7 39.0 58.4
151 70.0 58.6 87.8

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APPROVED

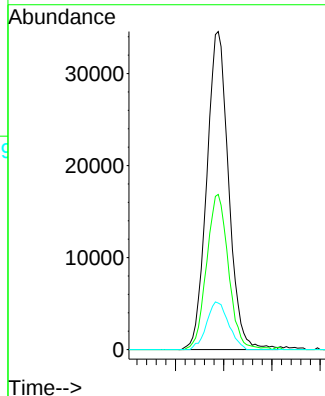
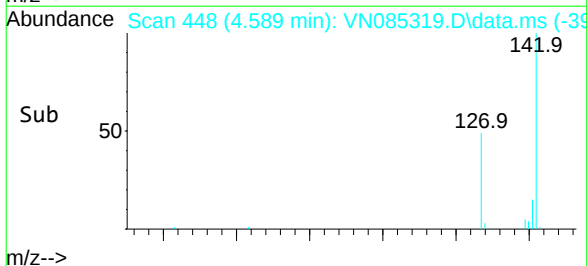
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

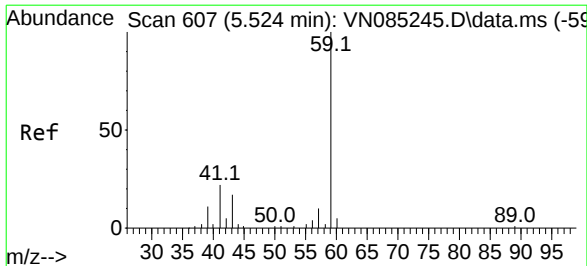


#10
Methyl Iodide
Concen: 56.045 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04



Tgt Ion:142 Resp: 109006
Ion Ratio Lower Upper
142 100
127 48.8 42.5 63.7
141 14.6 10.2 15.4





#11

Tert butyl alcohol

Concen: 223.591 ug/l

RT: 5.512 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 75151

Ion Ratio Lower Upper

59 100

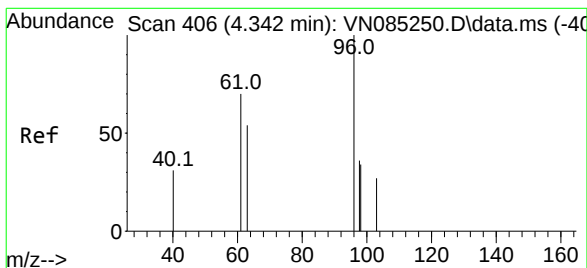
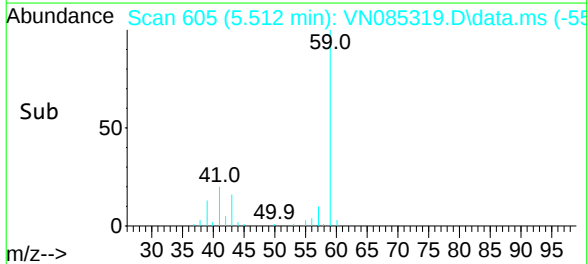
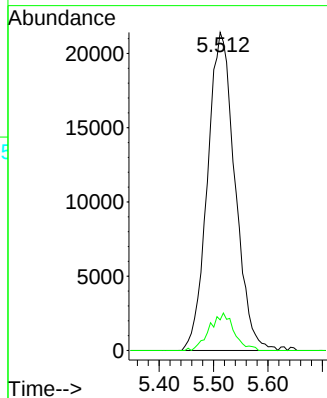
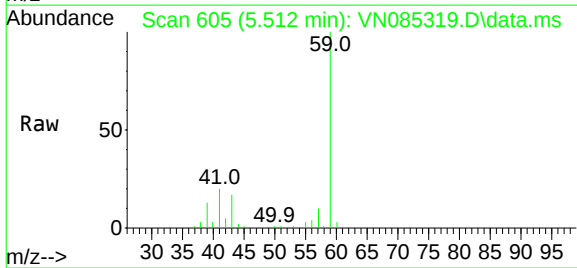
57 10.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#12

1,1-Dichloroethene

Concen: 54.907 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.000 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

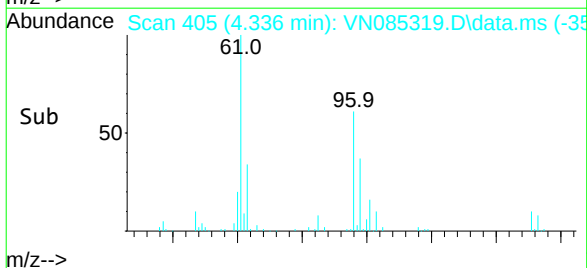
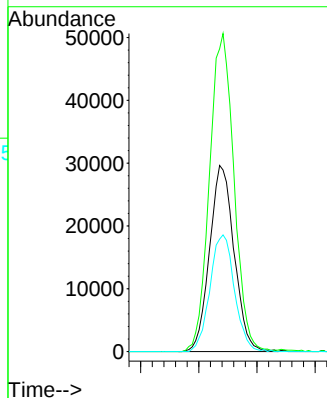
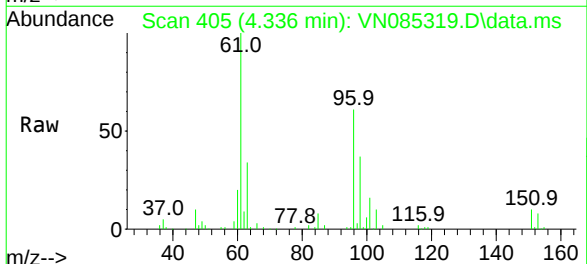
Tgt Ion: 96 Resp: 86759

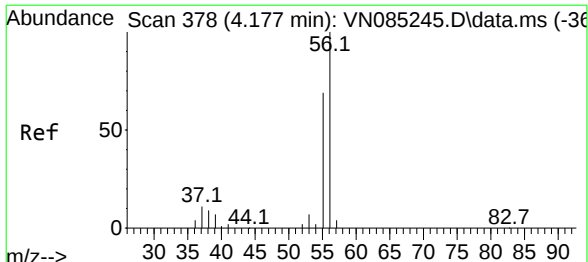
Ion Ratio Lower Upper

96 100

61 162.7 151.6 227.4

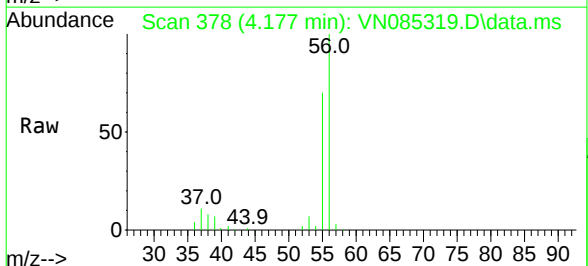
98 60.4 51.9 77.9





#13
Acrolein
Concen: 308.608 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

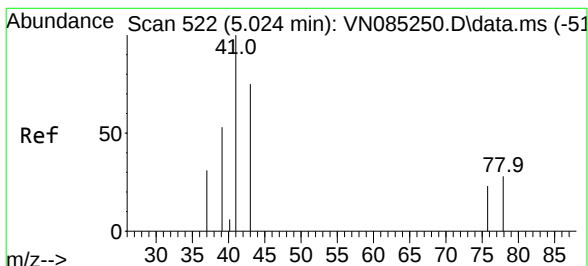
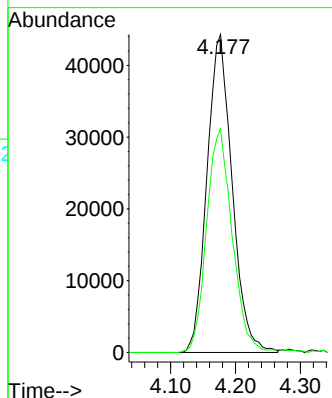
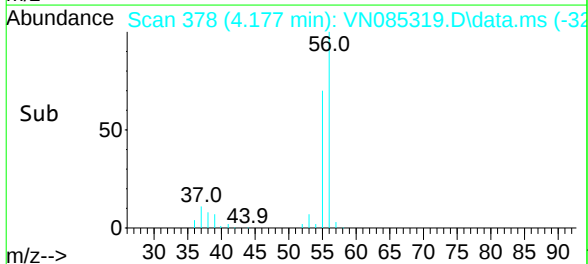
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 119452
Ion Ratio Lower Upper
56 100
55 71.5 59.0 88.6

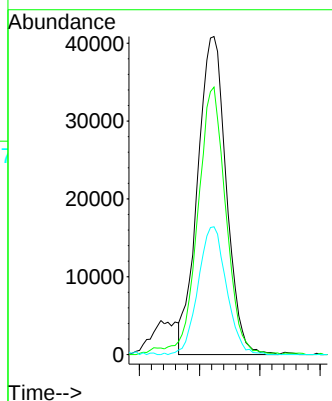
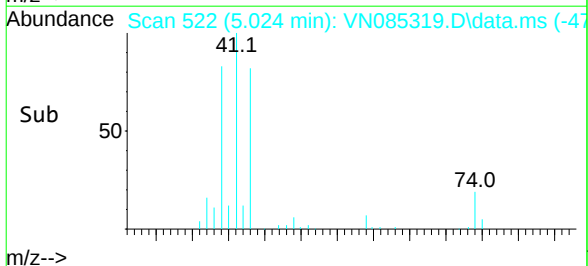
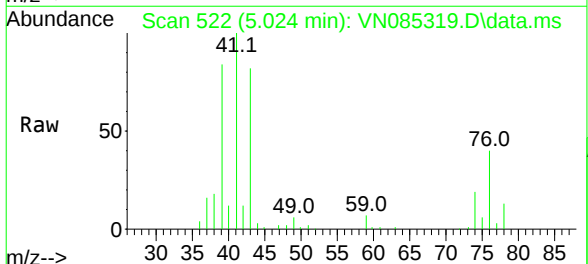
Manual Integrations
APPROVED

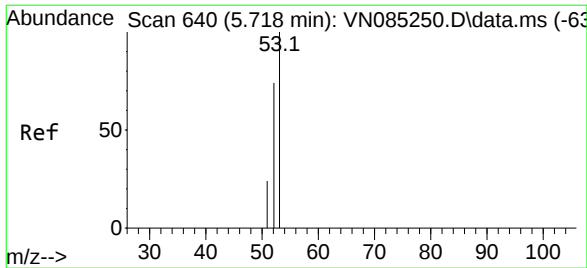
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#14
Allyl chloride
Concen: 49.398 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 41 Resp: 135175
Ion Ratio Lower Upper
41 100
39 81.9 66.7 100.1
76 39.6 29.4 44.2





#15

Acrylonitrile

Concen: 240.923 ug/l

RT: 5.718 min Scan# 64

Delta R.T. 0.006 min

Lab File: VN085319.D

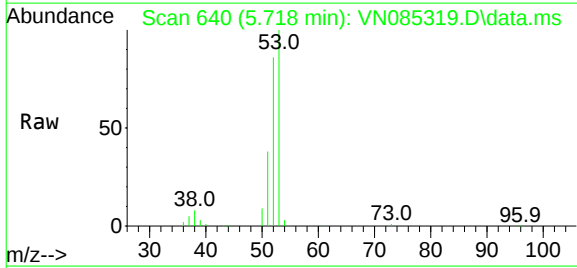
Acq: 26 Dec 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



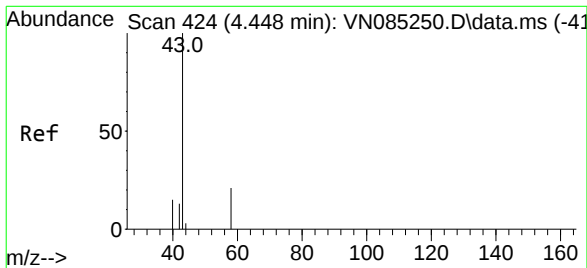
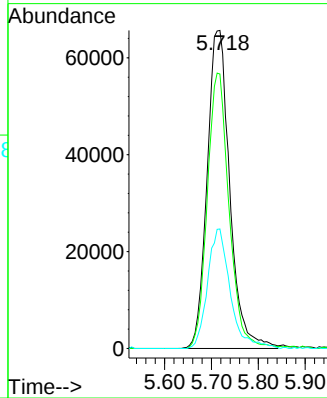
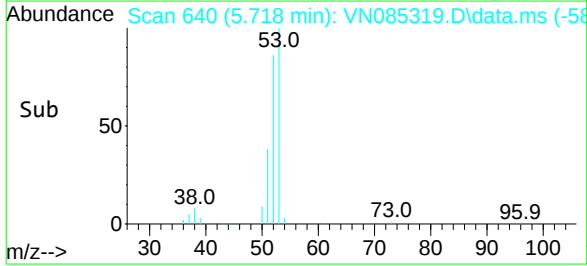
Tgt Ion: 53	Resp: 220557
Ion Ratio	Lower Upper
53 100	
52 83.3	66.3 99.5
51 37.6	28.2 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#16

Acetone

Concen: 219.047 ug/l

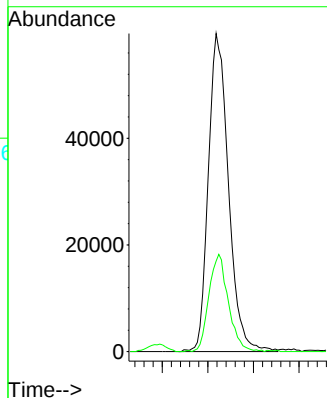
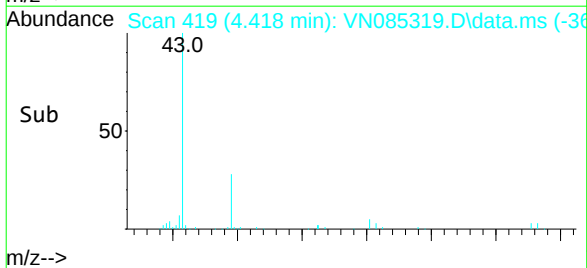
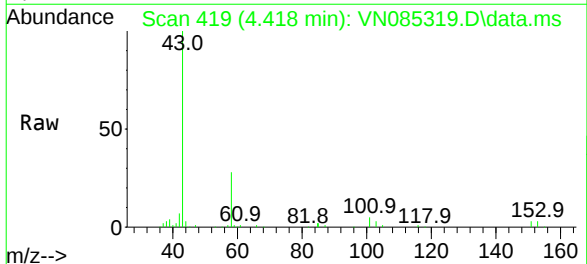
RT: 4.418 min Scan# 419

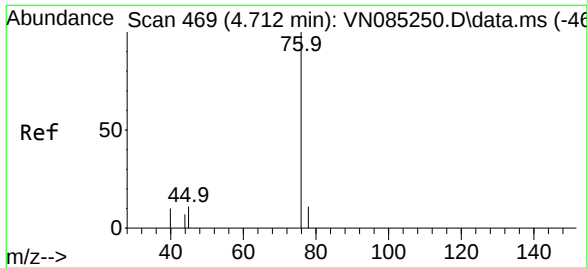
Delta R.T. -0.006 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

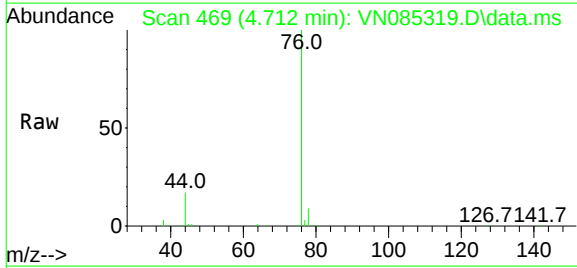
Tgt Ion: 43	Resp: 182951
Ion Ratio	Lower Upper
43 100	
58 28.4	20.8 31.2





#17
Carbon Disulfide
Concen: 45.177 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

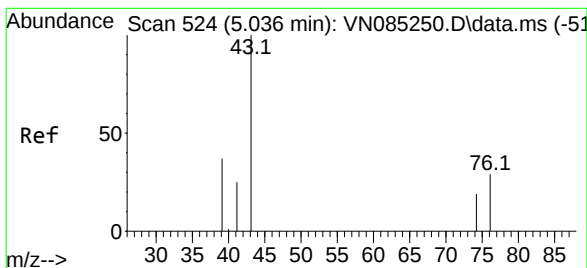
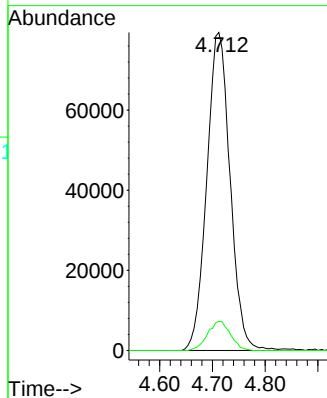
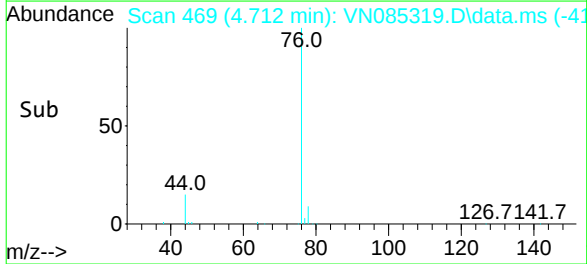
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 243600
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

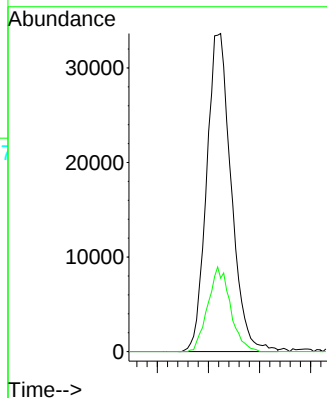
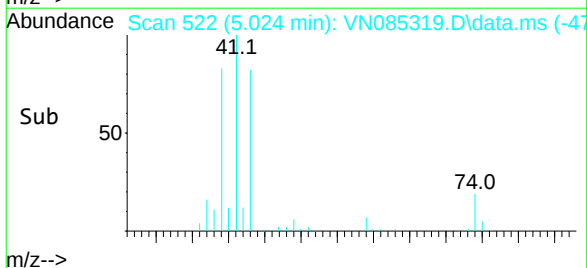
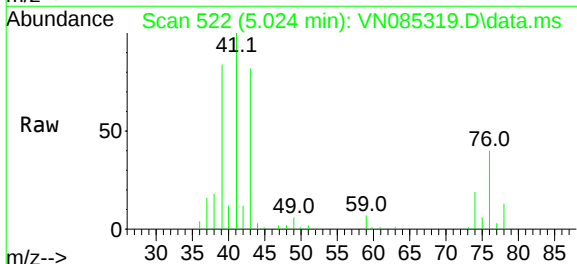
Manual Integrations
APPROVED

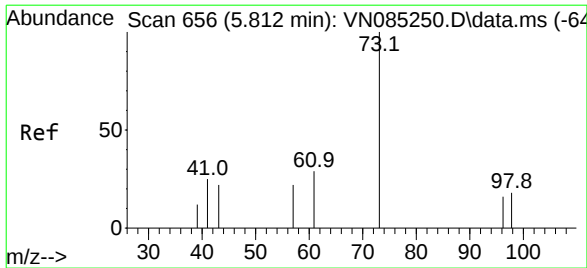
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#18
Methyl Acetate
Concen: 47.476 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 43 Resp: 112259
Ion Ratio Lower Upper
43 100
74 24.4 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 55.226 ug/l

RT: 5.789 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 299095

Ion Ratio Lower Upper

73 100

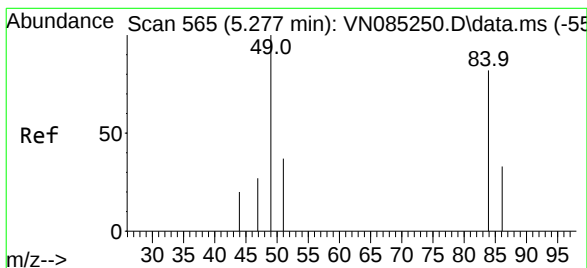
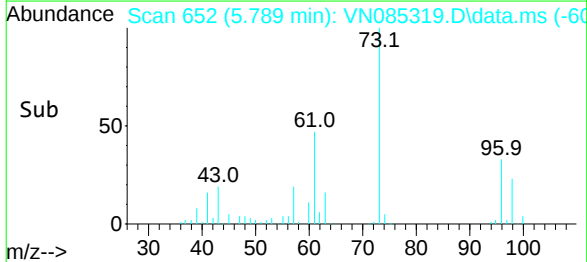
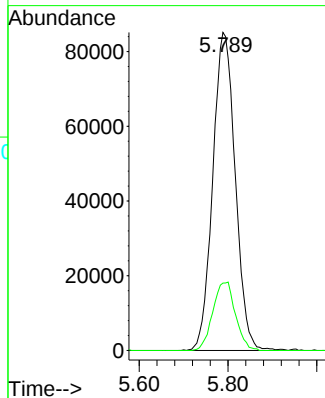
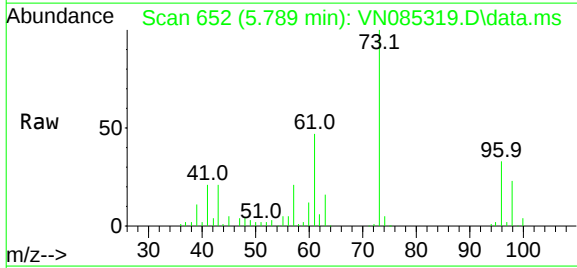
57 21.2 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#20

Methylene Chloride

Concen: 52.636 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

Tgt Ion: 84 Resp: 96167

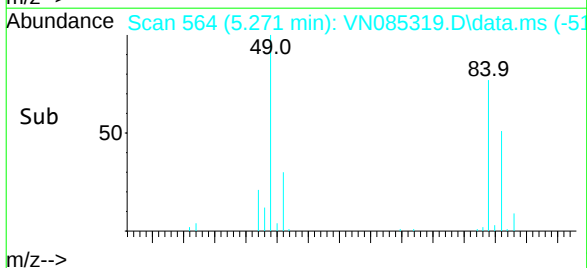
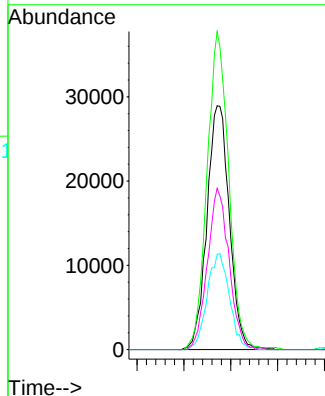
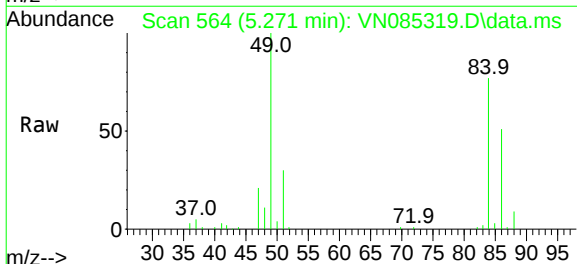
Ion Ratio Lower Upper

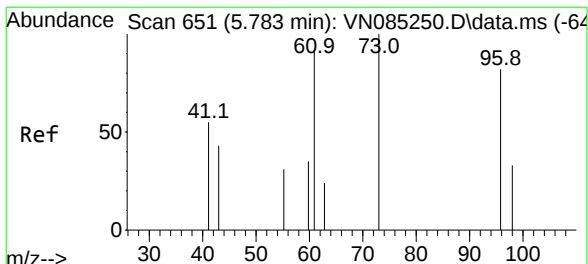
84 100

49 130.5 103.6 155.4

51 39.1 34.2 51.2

86 66.1 48.9 73.3





#21
trans-1,2-Dichloroethene
Concen: 52.288 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

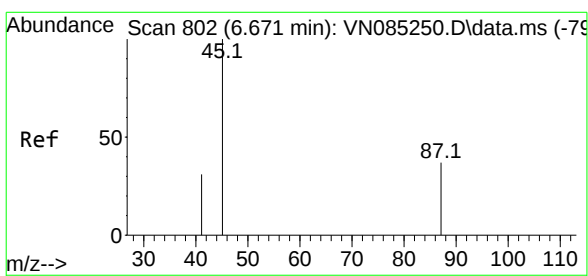
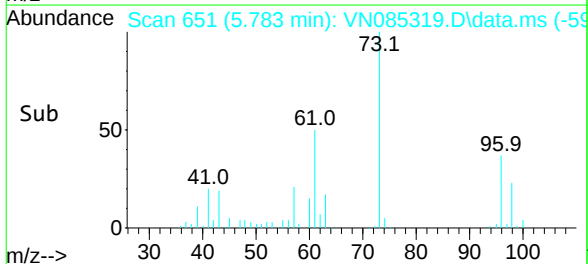
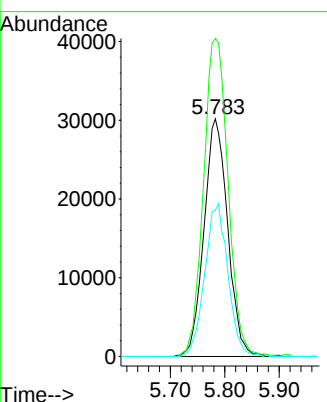
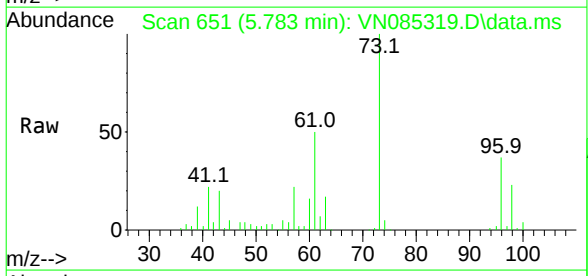
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 91090

Ion	Ratio	Lower	Upper
96	100		
61	133.8	122.0	183.0
98	61.6	54.3	81.5

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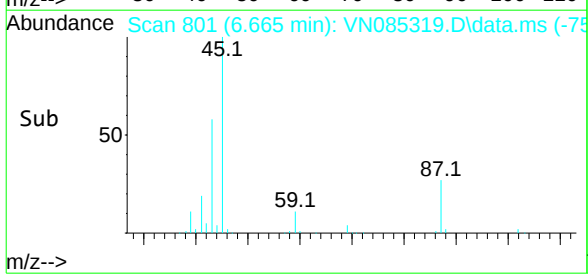
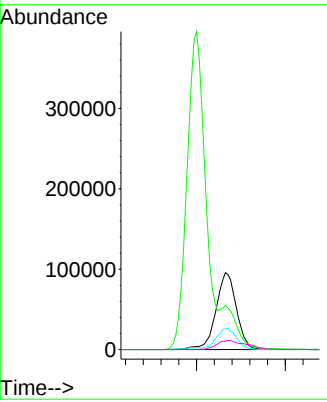
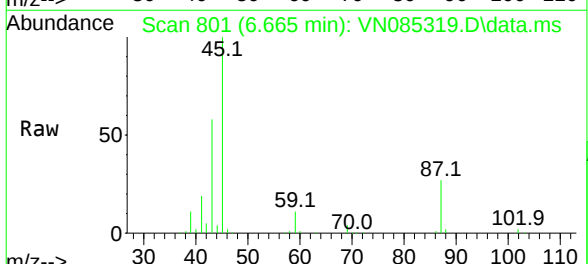
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

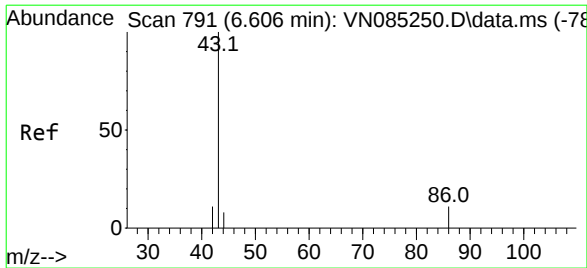


#22
Diisopropyl ether
Concen: 52.460 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 45 Resp: 306243

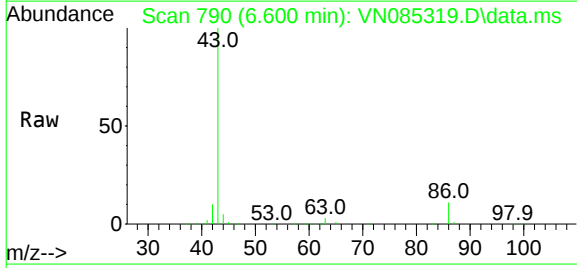
Ion	Ratio	Lower	Upper
45	100		
43	56.4	43.8	65.6
87	26.9	21.2	31.8
59	10.8	8.6	13.0





#23
 Vinyl Acetate
 Concen: 254.095 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VN085319.D
 Acq: 26 Dec 2024 16:04

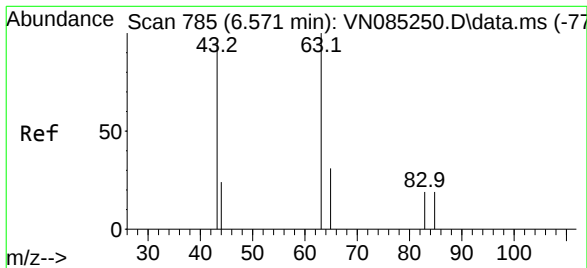
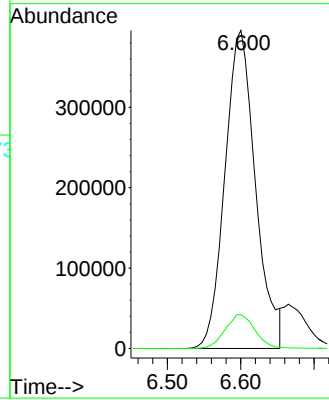
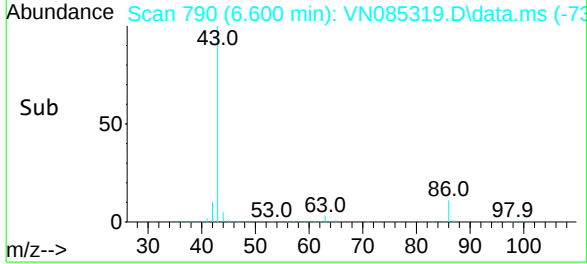
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



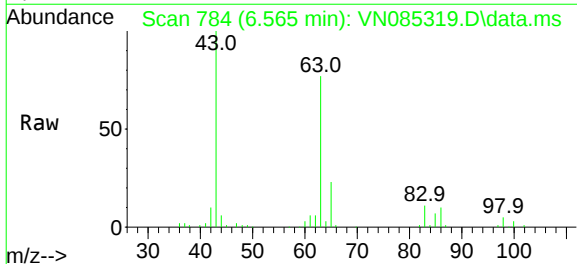
Tgt Ion: 43 Resp: 1146163
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.8

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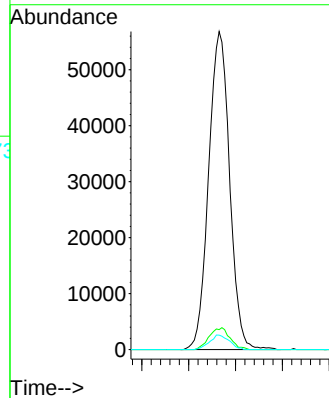
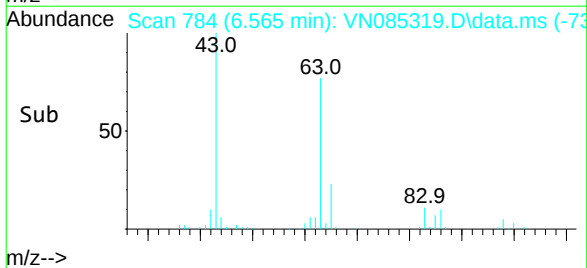
Reviewed By :John Carlone 12/27/2024
 Supervised By :Mahesh Dadoda 12/27/2024

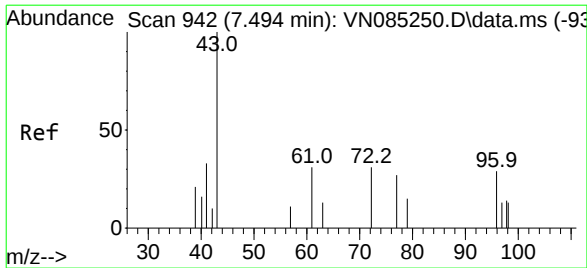


#24
 1,1-Dichloroethane
 Concen: 52.191 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085319.D
 Acq: 26 Dec 2024 16:04



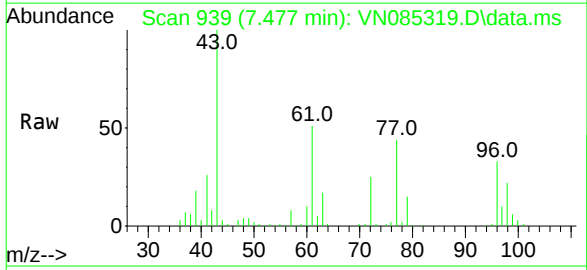
Tgt Ion: 63 Resp: 176484
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.6
 100 4.5 2.1 6.5





#25
2-Butanone
Concen: 235.617 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

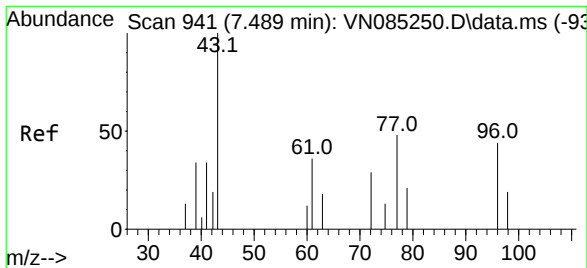
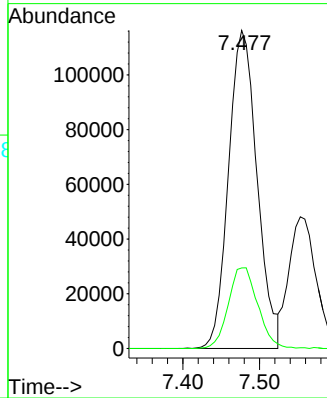
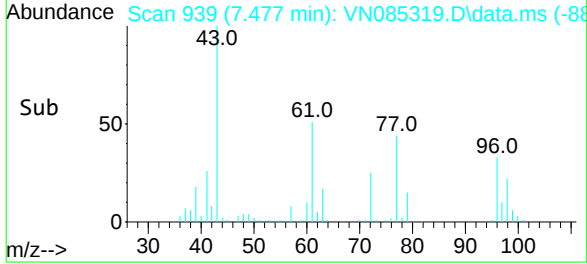
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



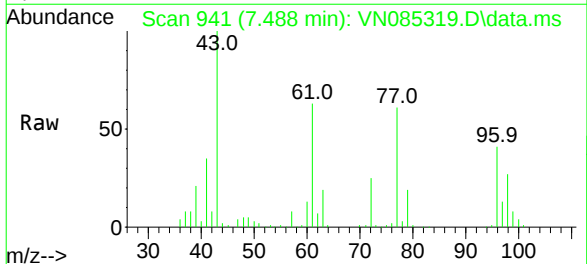
Tgt Ion: 43 Resp: 301366
Ion Ratio Lower Upper
43 100
72 25.3 19.6 29.4

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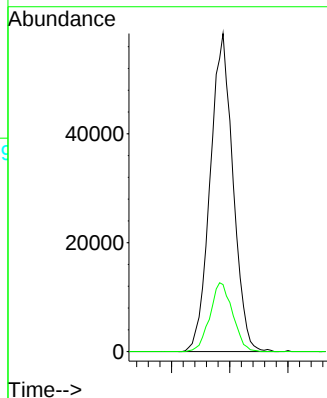
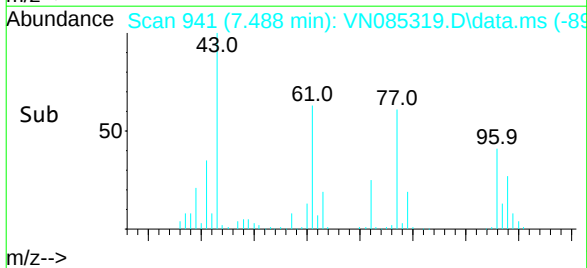
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

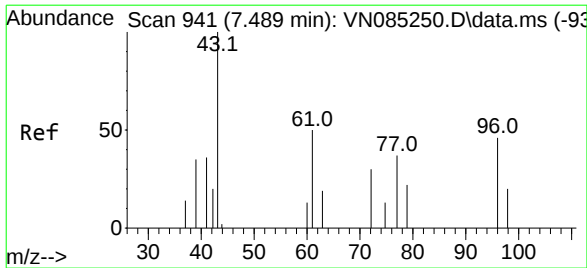


#26
2,2-Dichloropropane
Concen: 50.866 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04



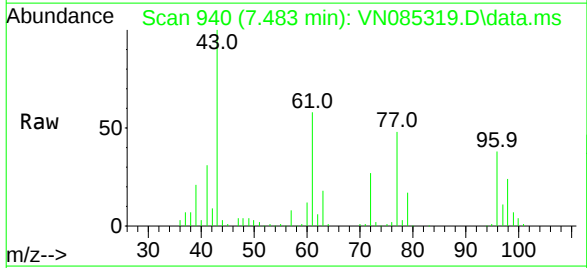
Tgt Ion: 77 Resp: 159273
Ion Ratio Lower Upper
77 100
97 21.5 10.5 31.6





#27
 cis-1,2-Dichloroethene
 Concen: 53.178 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN085319.D
 Acq: 26 Dec 2024 16:04

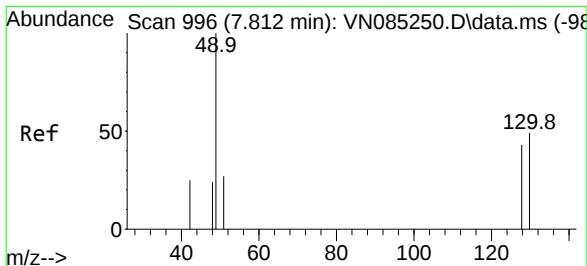
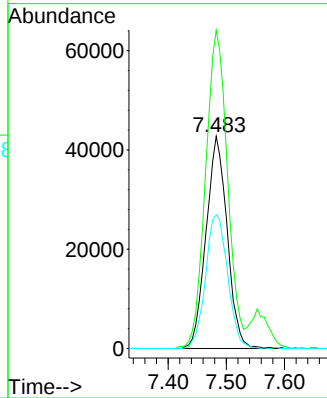
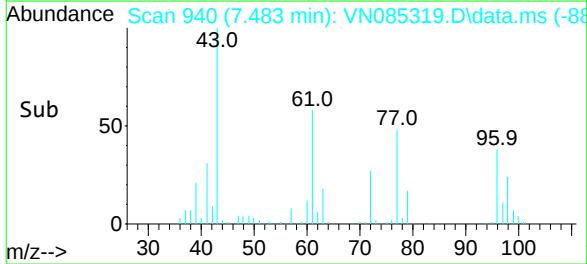
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 107862
 Ion Ratio Lower Upper
 96 100
 61 155.5 0.0 316.4
 98 66.0 0.0 125.4

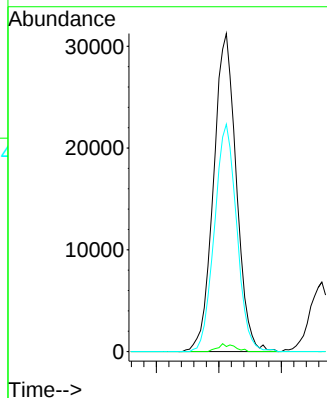
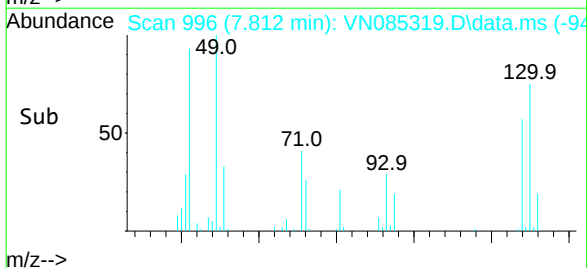
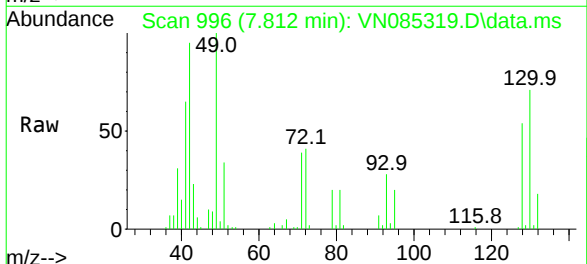
Manual Integrations
 APPROVED

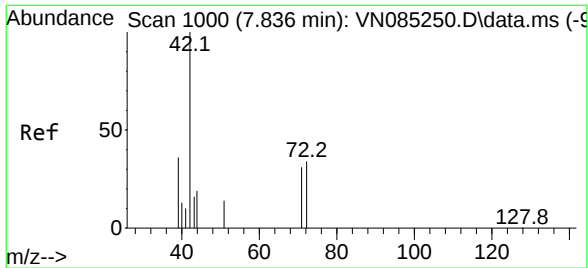
Reviewed By :John Carlone 12/27/2024
 Supervised By :Mahesh Dadoda 12/27/2024



#28
 Bromochloromethane
 Concen: 46.446 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN085319.D
 Acq: 26 Dec 2024 16:04

Tgt Ion: 49 Resp: 79208
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 70.0 54.1 81.1





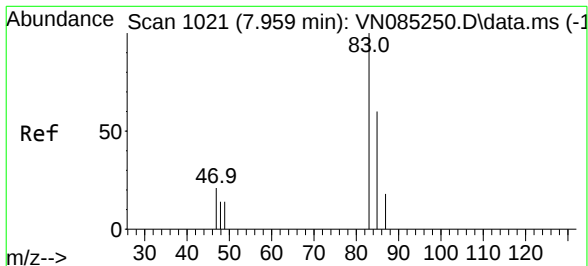
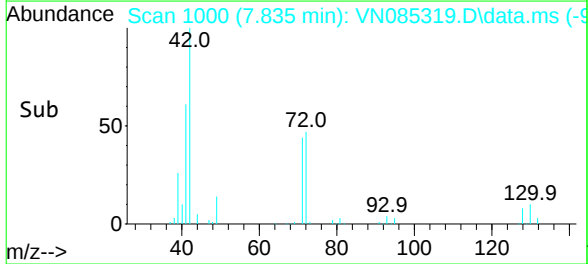
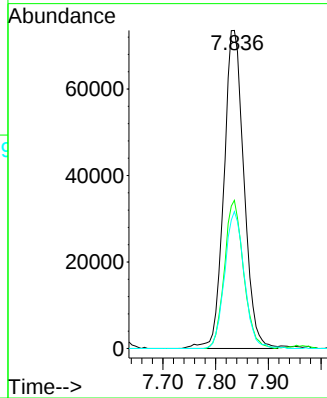
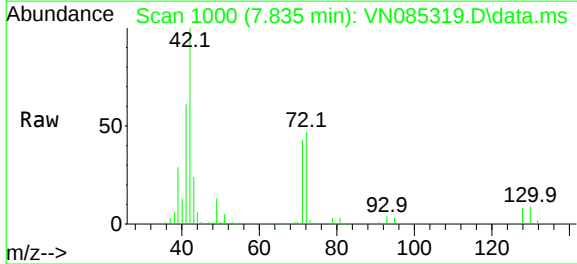
#29
Tetrahydrofuran
Concen: 235.753 ug/l
RT: 7.835 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 194378
Ion Ratio Lower Upper
42 100
72 44.2 32.7 49.1
71 42.1 31.4 47.2

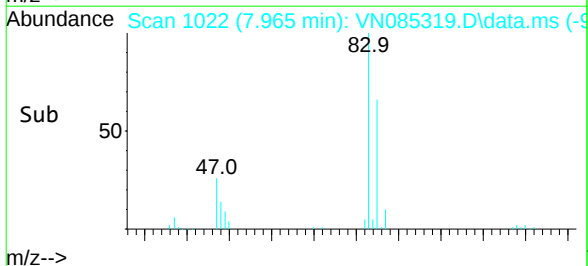
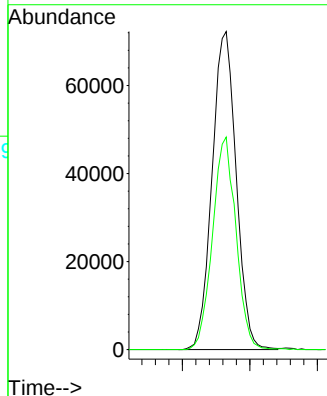
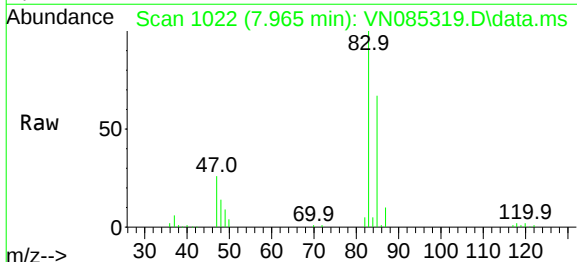
Manual Integrations
APPROVED

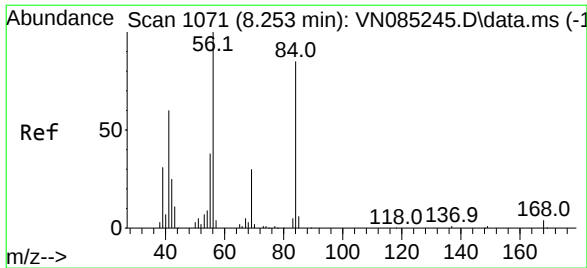
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#30
Chloroform
Concen: 49.672 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

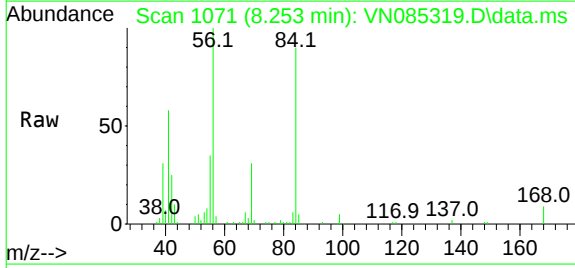
Tgt Ion: 83 Resp: 179374
Ion Ratio Lower Upper
83 100
85 66.8 51.4 77.0





#31
Cyclohexane
Concen: 48.978 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

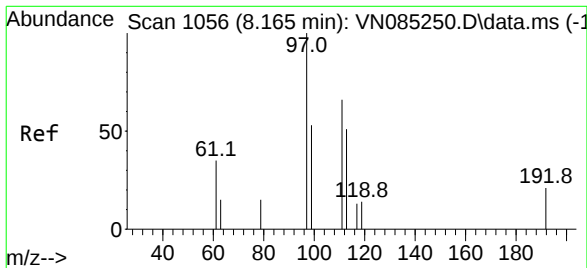
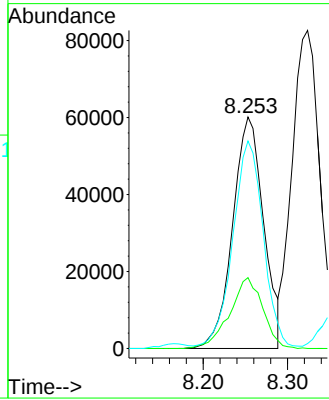
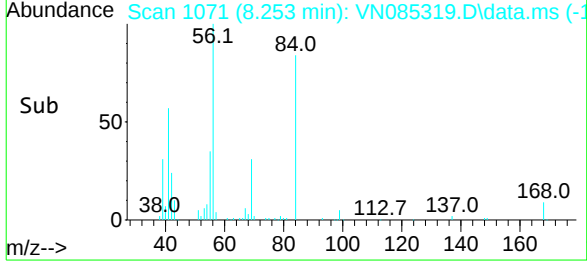
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 153322
Ion Ratio Lower Upper
56 100
69 30.6 23.6 35.4
84 87.6 66.6 99.8

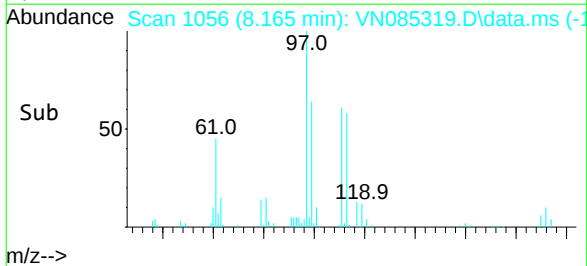
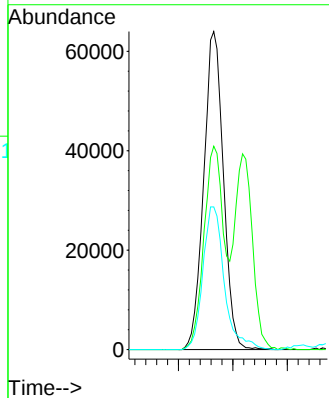
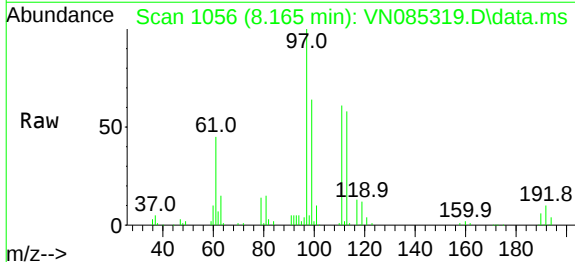
Manual Integrations
APPROVED

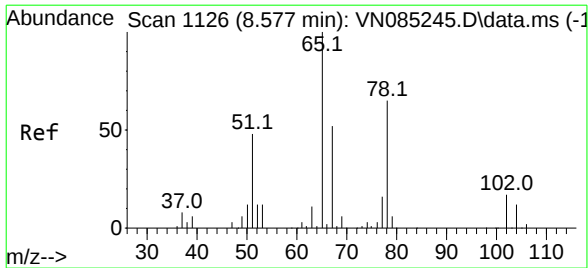
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#32
1,1,1-Trichloroethane
Concen: 50.009 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 97 Resp: 160958
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.0
61 48.8 40.4 60.6





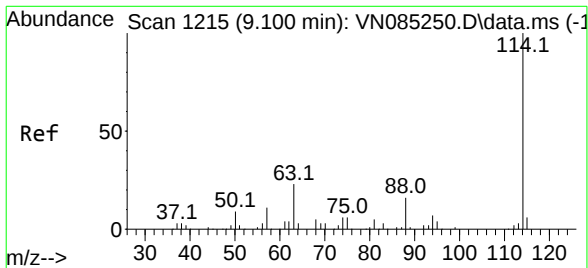
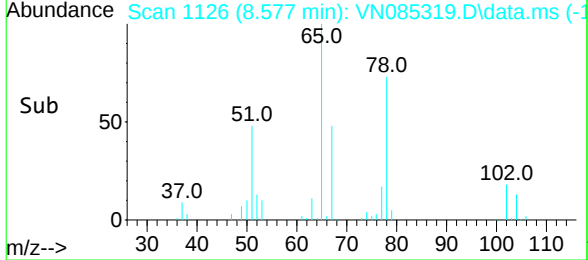
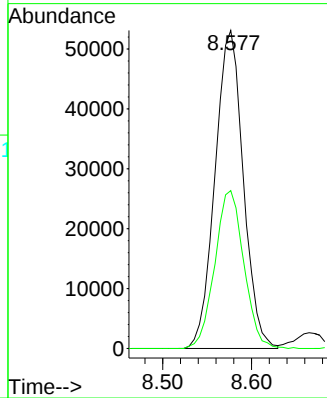
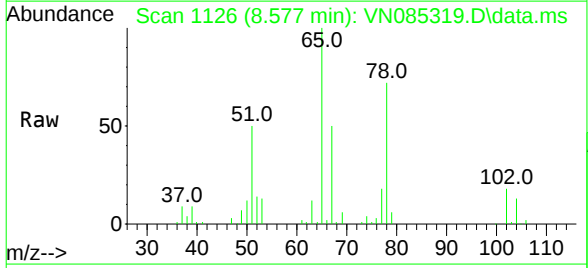
#33
1,2-Dichloroethane-d4
Concen: 48.492 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 117333
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.2

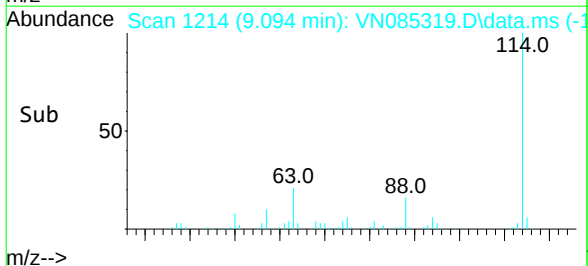
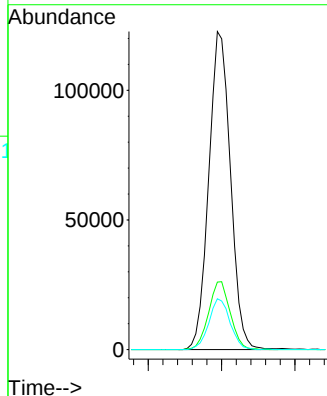
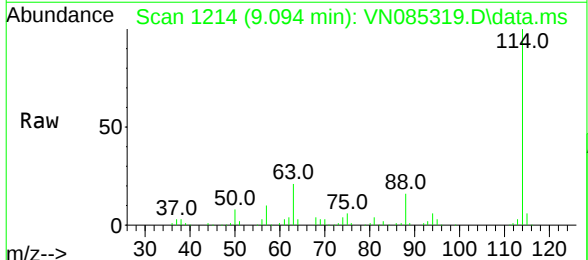
Manual Integrations
APPROVED

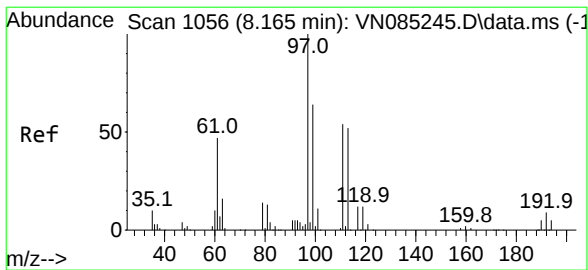
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

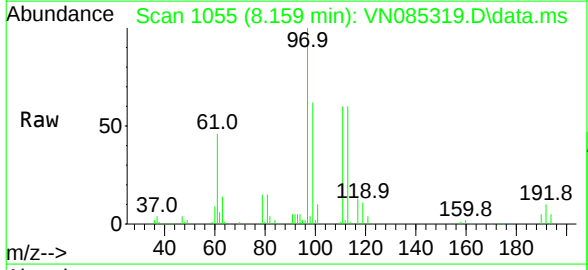
Tgt Ion:114 Resp: 251896
Ion Ratio Lower Upper
114 100
63 21.2 0.0 46.2
88 16.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.948 ug/l
RT: 8.159 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

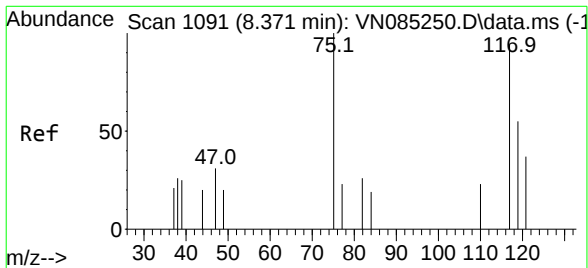
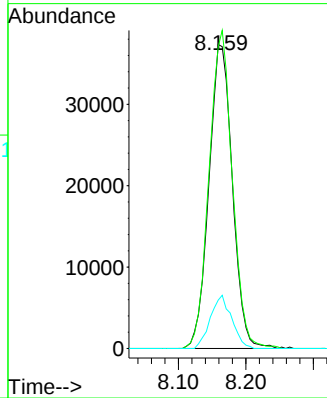
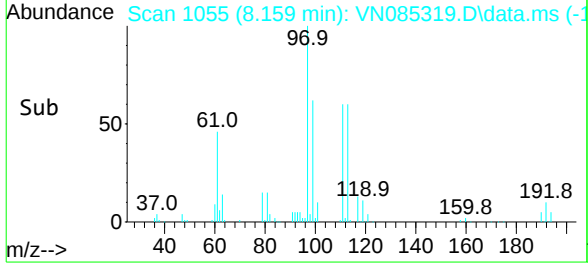
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 90227
Ion Ratio Lower Upper
113 100
111 103.4 82.1 123.1
192 15.9 13.4 20.0

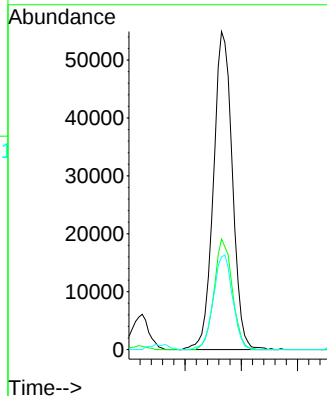
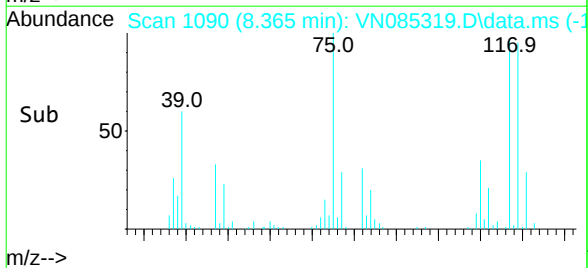
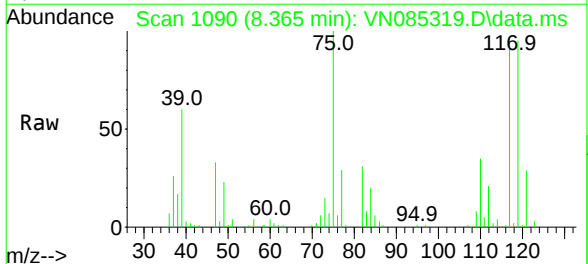
Manual Integrations
APPROVED

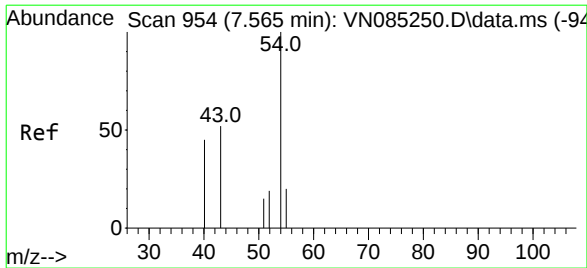
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#36
1,1-Dichloropropene
Concen: 52.089 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

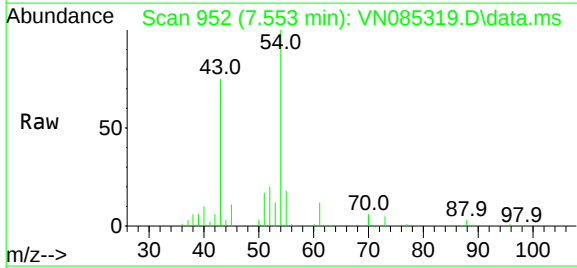
Tgt Ion: 75 Resp: 128450
Ion Ratio Lower Upper
75 100
110 33.4 16.0 48.0
77 30.2 24.6 36.8





#37
Ethyl Acetate
Concen: 42.933 ug/l
RT: 7.553 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

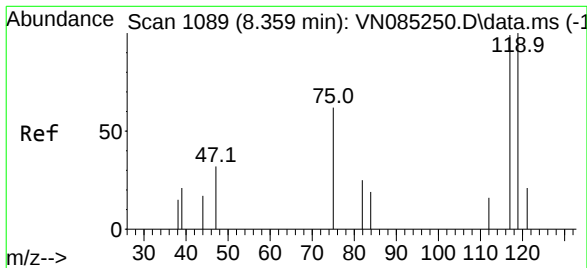
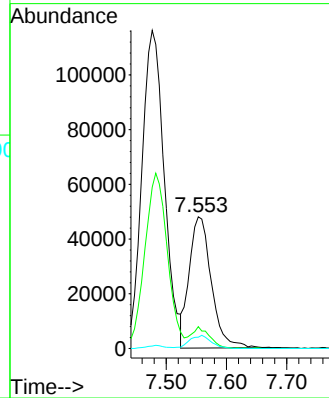
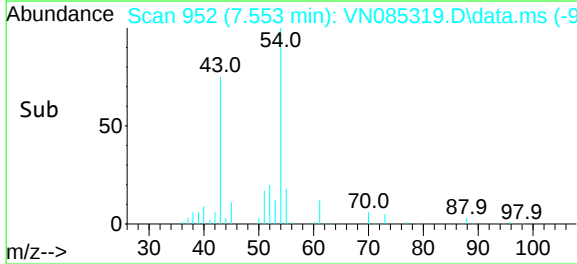
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 122140
Ion Ratio Lower Upper
43 100
61 12.9 9.8 14.6
70 9.8 7.8 11.8

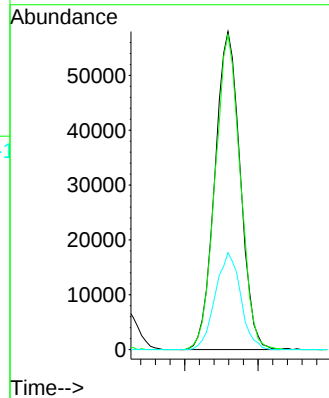
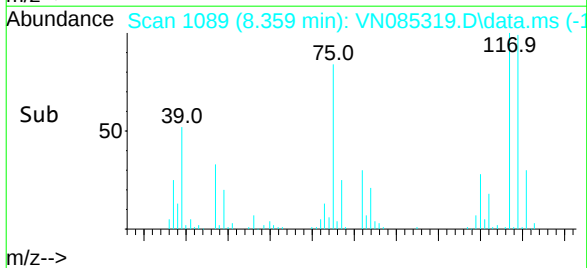
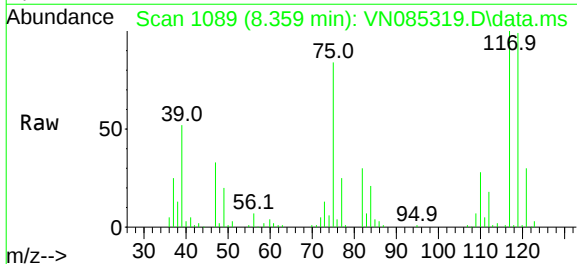
Manual Integrations
APPROVED

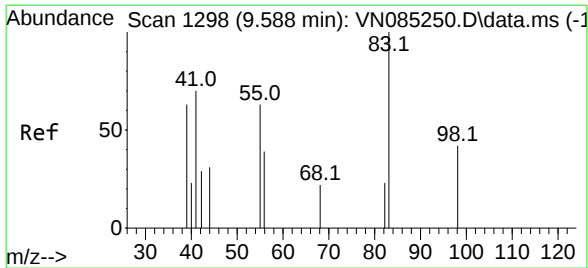
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#38
Carbon Tetrachloride
Concen: 46.671 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

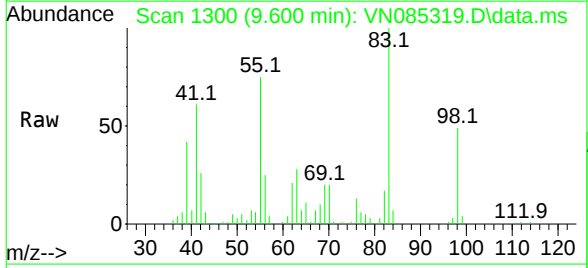
Tgt Ion:117 Resp: 139150
Ion Ratio Lower Upper
117 100
119 99.0 74.8 112.2
121 30.5 24.2 36.4





#39
Methylcyclohexane
Concen: 56.025 ug/l
RT: 9.600 min Scan# 13
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

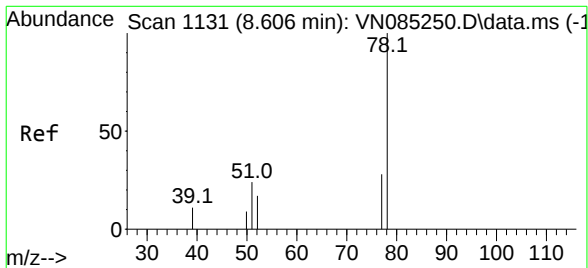
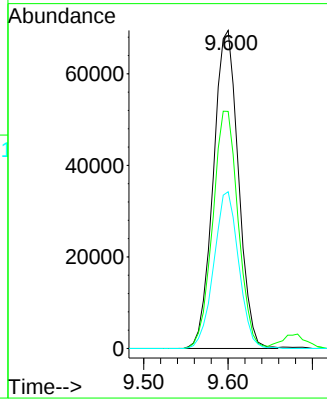
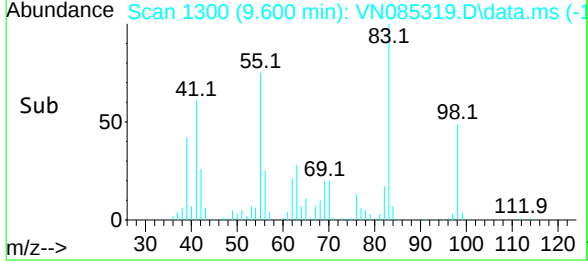
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 143764
Ion Ratio Lower Upper
83 100
55 74.5 66.8 100.2
98 49.3 39.4 59.2

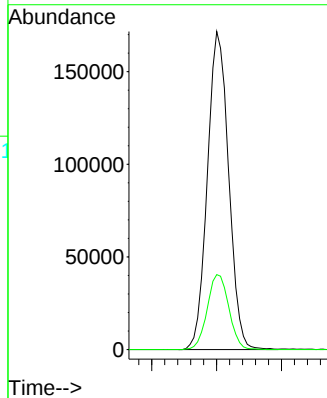
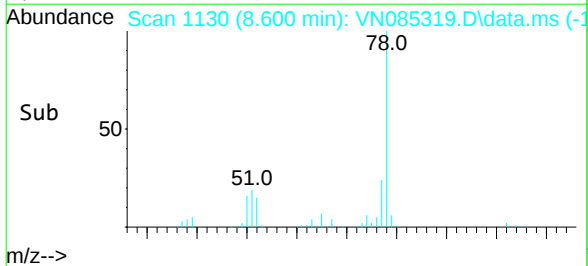
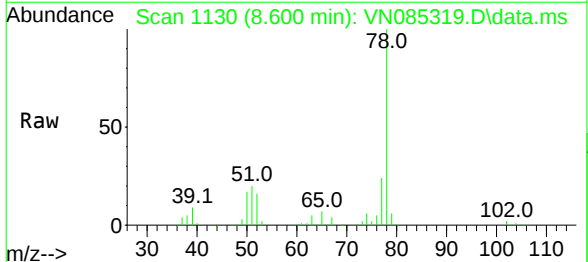
Manual Integrations
APPROVED

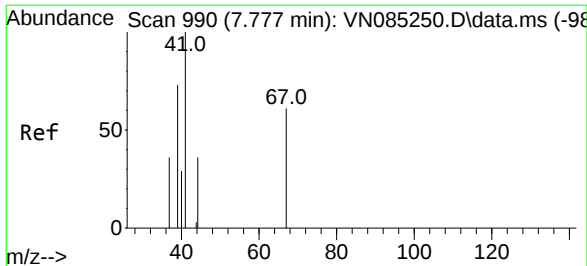
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#40
Benzene
Concen: 50.971 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 78 Resp: 391029
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3





#41

Methacrylonitrile

Concen: 47.637 ug/l

RT: 7.771 min Scan# 98

Delta R.T. -0.006 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

Instrument :

MSVOA_N

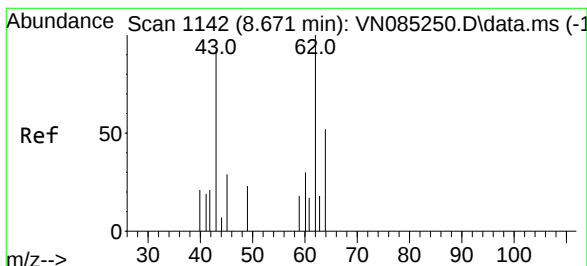
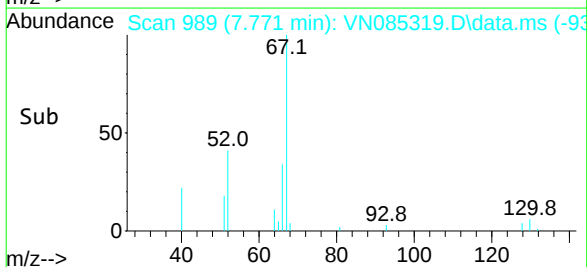
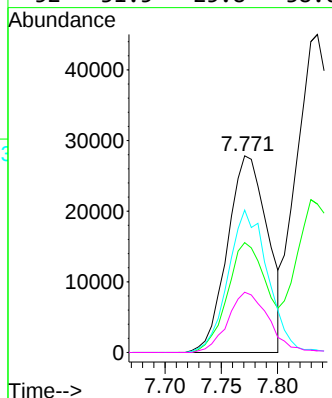
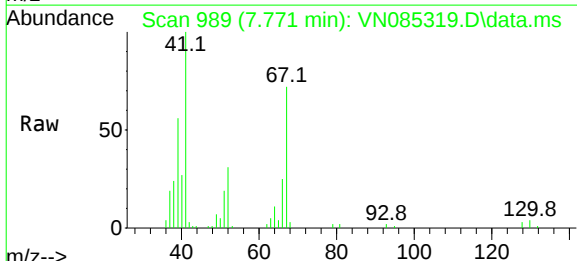
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	41	Resp:	69066
Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.0	66.0
67	71.8	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: 46.721 ug/l

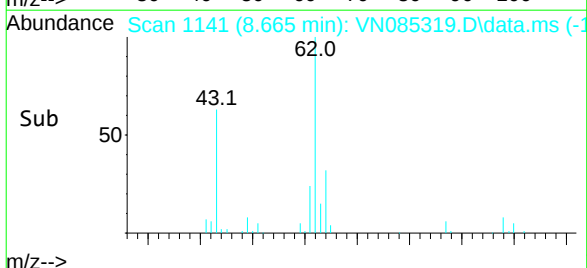
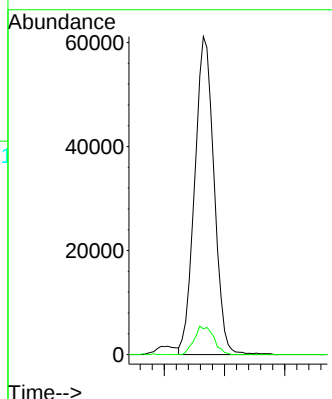
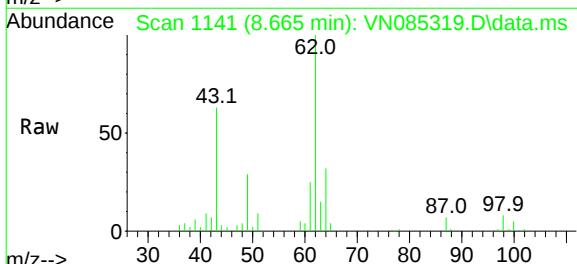
RT: 8.665 min Scan# 1141

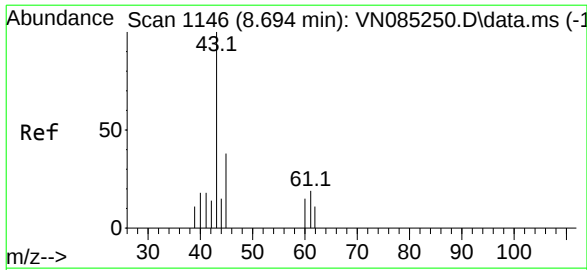
Delta R.T. -0.000 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

Tgt Ion:	62	Resp:	136524
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.4





#43

Isopropyl Acetate

Concen: 41.661 ug/l

RT: 8.682 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

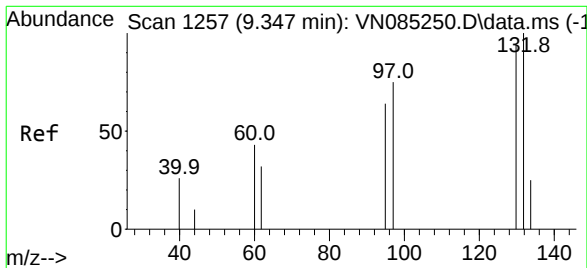
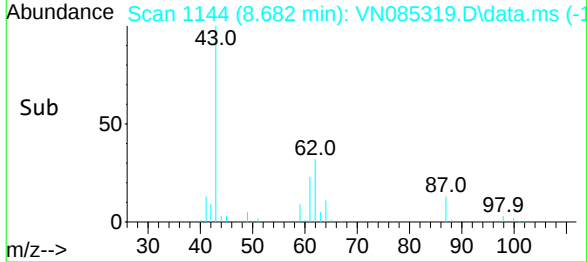
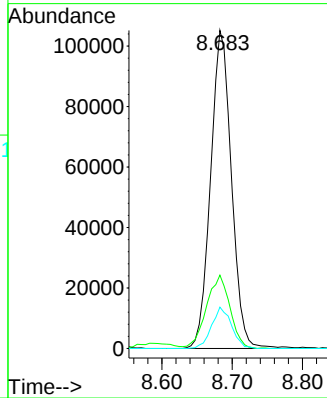
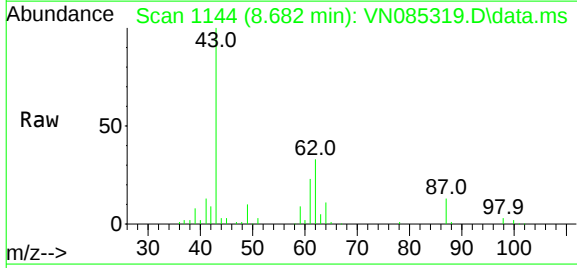
Tgt Ion:	43	Resp:	216749
Ion	Ratio	Lower	Upper
43	100		
61	26.1	19.0	28.4
87	12.4	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#44

Trichloroethene

Concen: 53.361 ug/l

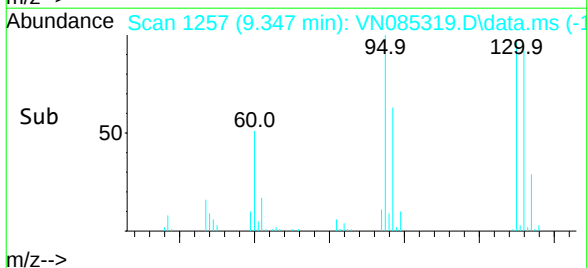
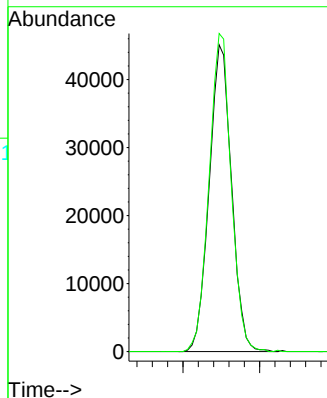
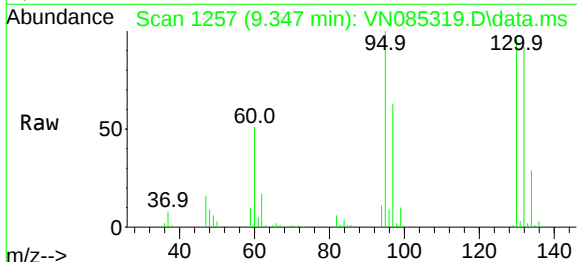
RT: 9.347 min Scan# 1257

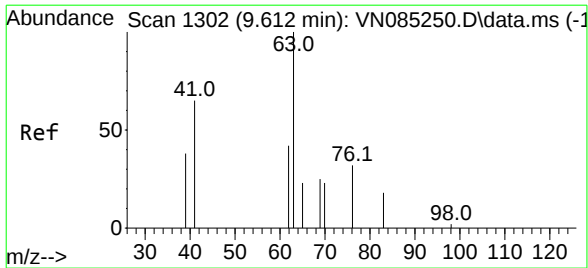
Delta R.T. -0.000 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

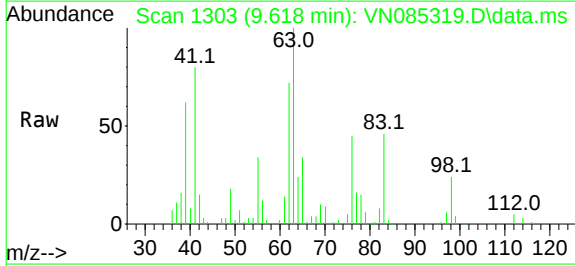
Tgt Ion:	130	Resp:	91138
Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	207.6





#45
1,2-Dichloropropane
Concen: 50.560 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

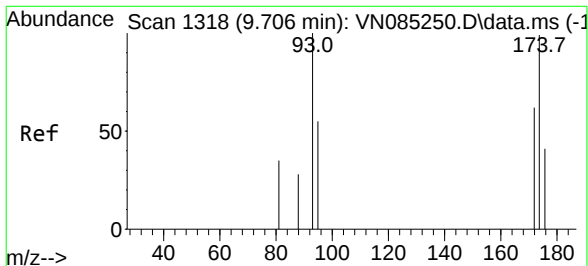
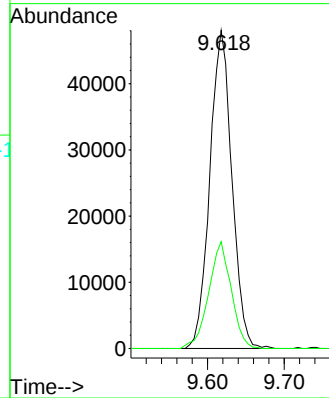
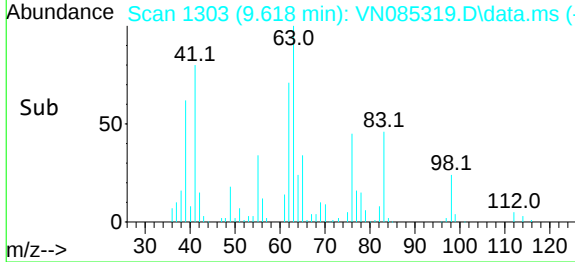
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 96036
Ion Ratio Lower Upper
63 100
65 33.6 24.0 36.0

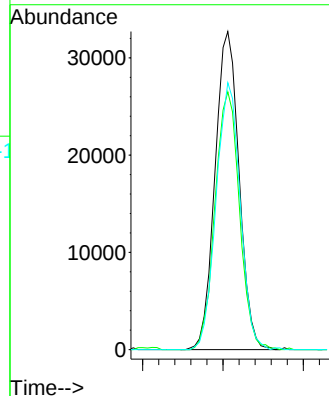
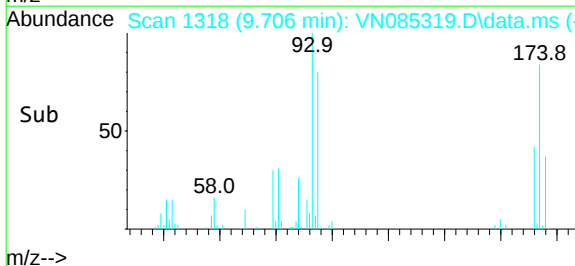
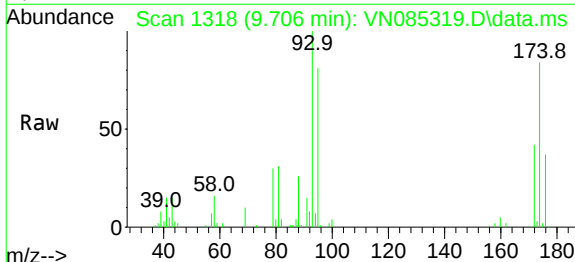
Manual Integrations
APPROVED

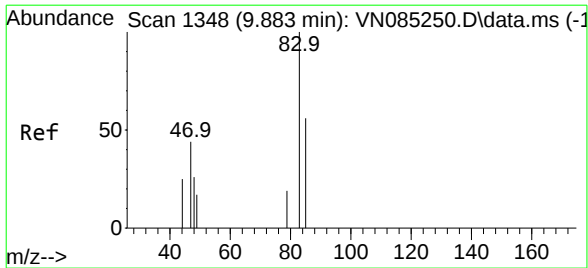
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#46
Dibromomethane
Concen: 50.141 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 93 Resp: 67989
Ion Ratio Lower Upper
93 100
95 82.2 67.0 100.6
174 83.8 69.3 103.9





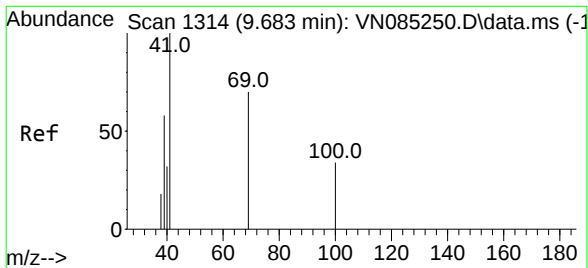
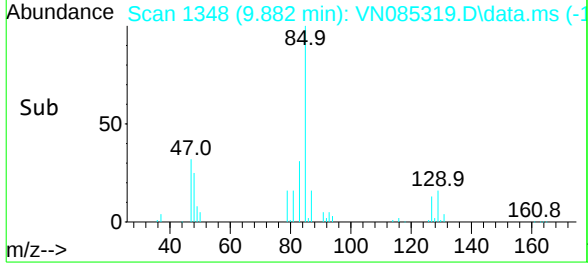
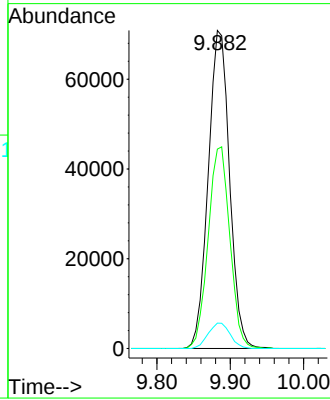
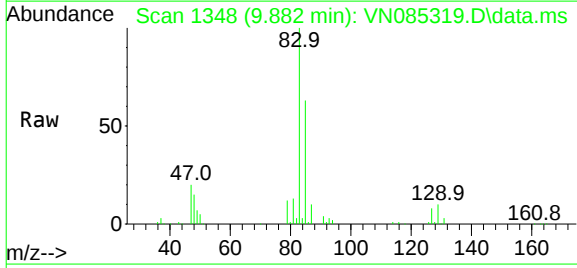
#47
Bromodichloromethane
Concen: 49.326 ug/l
RT: 9.882 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 143301
Ion Ratio Lower Upper
83 100
85 62.7 51.0 76.4
127 8.0 6.3 9.5

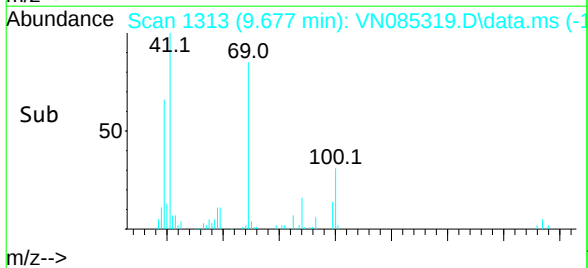
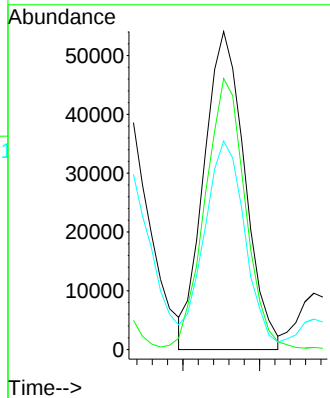
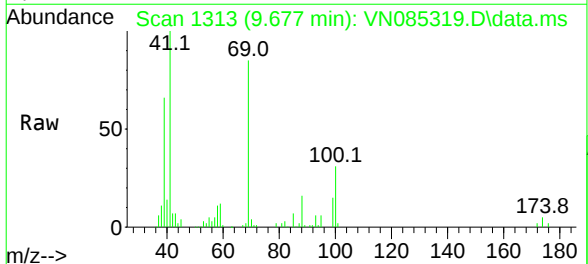
Manual Integrations
APPROVED

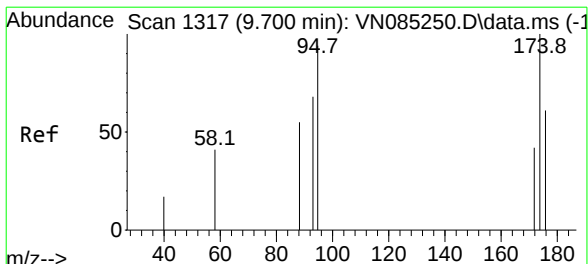
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#48
Methyl methacrylate
Concen: 46.891 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 41 Resp: 100004
Ion Ratio Lower Upper
41 100
69 84.5 61.0 91.4
39 65.5 49.8 74.8





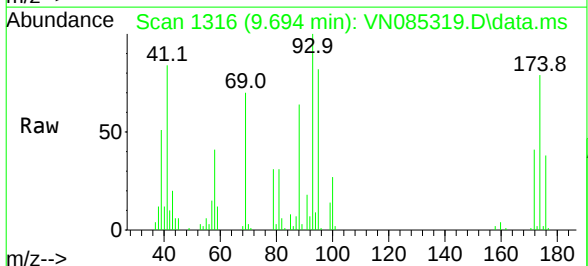
#49
1,4-Dioxane
Concen: 964.242 ug/l
RT: 9.694 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

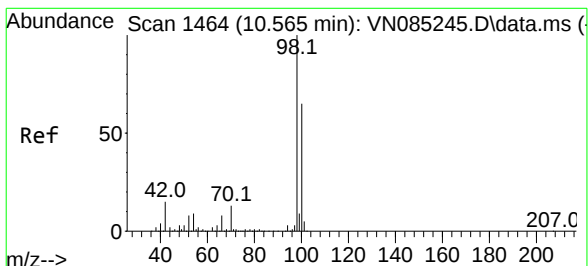
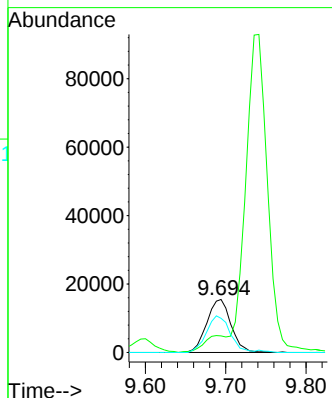
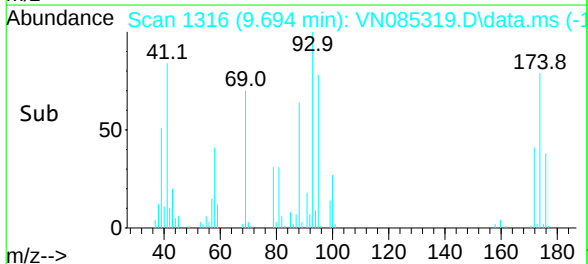


Tgt Ion: 88 Resp: 32423

Ion	Ratio	Lower	Upper
88	100		
43	29.5	25.6	38.4
58	67.6	56.5	84.7

Manual Integrations
APPROVED

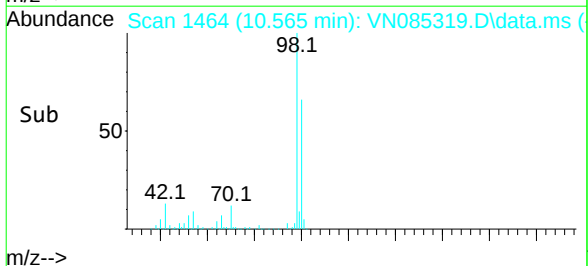
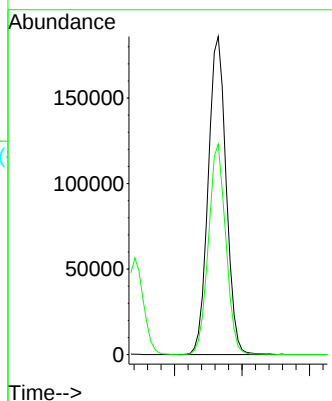
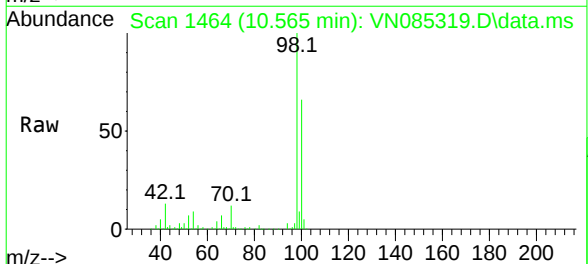
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

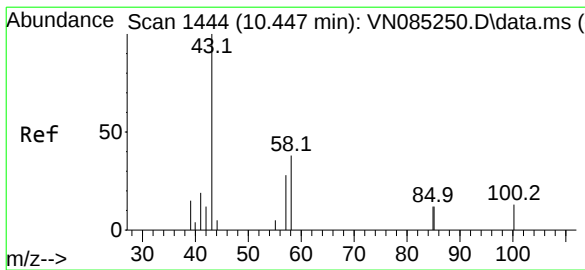


#50
Toluene-d8
Concen: 53.065 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 98 Resp: 343480

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





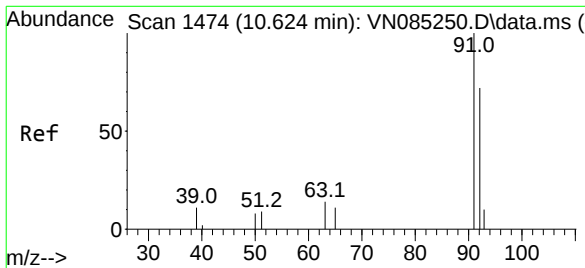
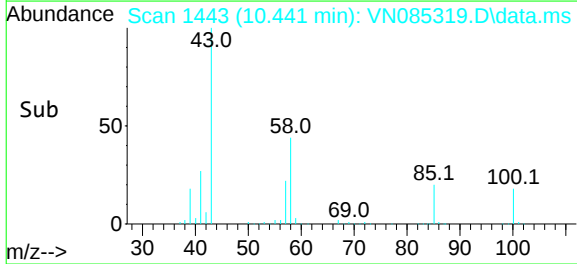
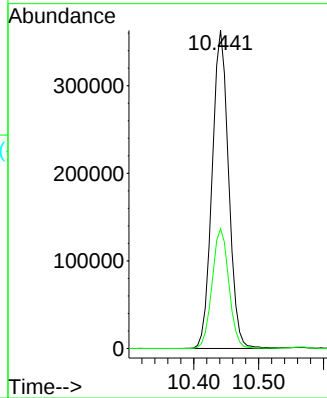
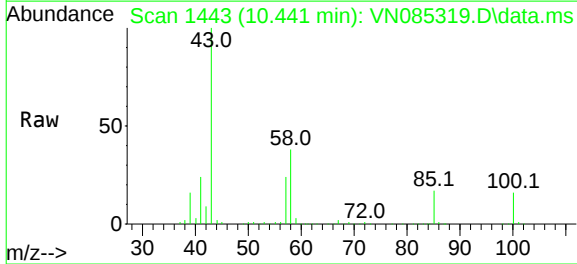
#51
4-Methyl-2-Pentanone
Concen: 234.541 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 641144
Ion Ratio Lower Upper
43 100
58 38.2 29.4 44.2

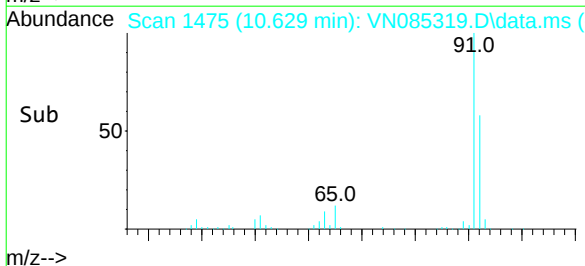
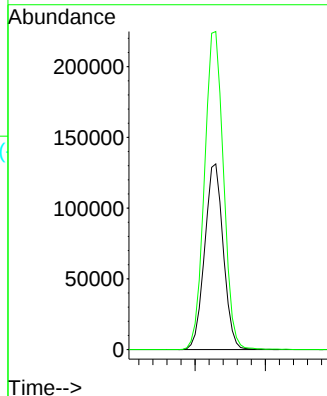
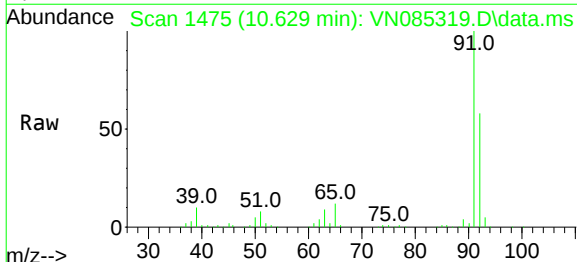
Manual Integrations
APPROVED

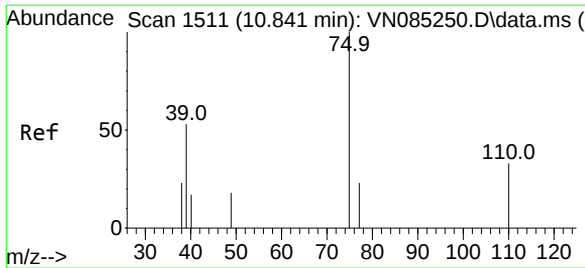
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#52
Toluene
Concen: 52.367 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 92 Resp: 241558
Ion Ratio Lower Upper
92 100
91 175.0 138.9 208.3





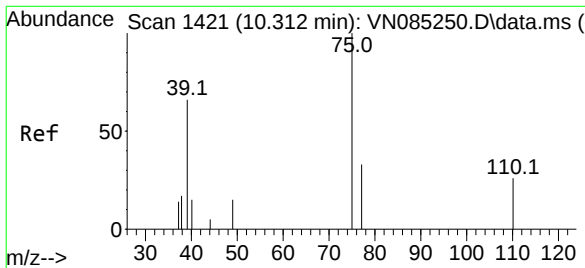
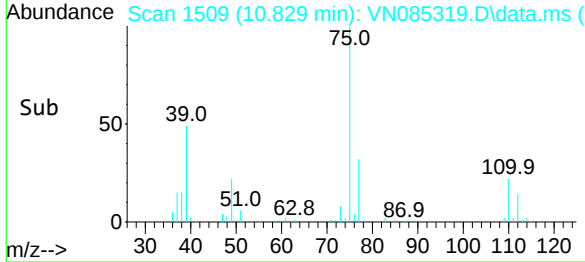
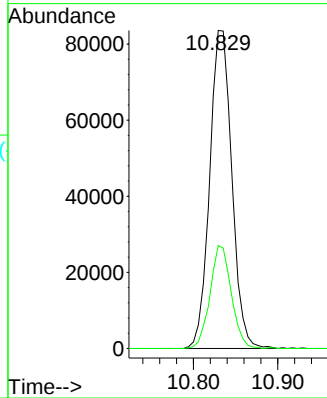
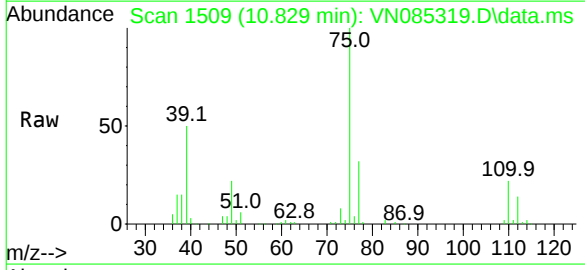
#53
t-1,3-Dichloropropene
Concen: 53.885 ug/l
RT: 10.829 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 152589
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0

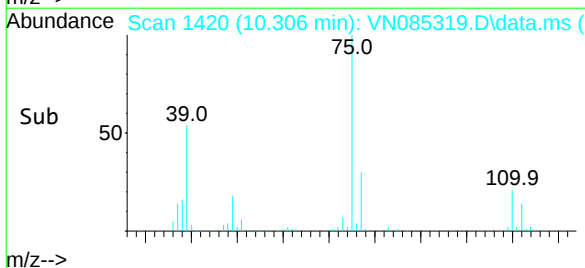
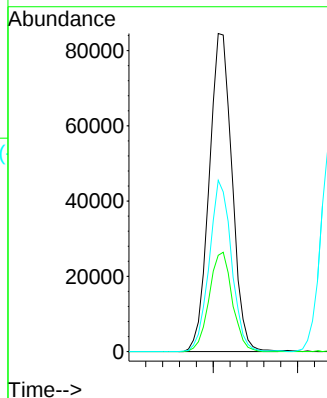
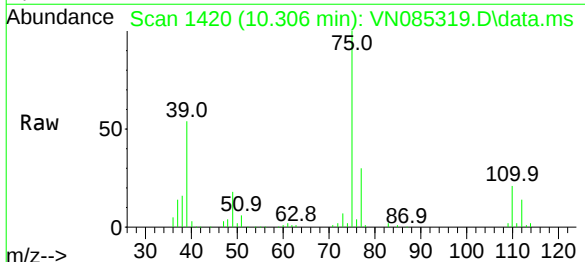
Manual Integrations
APPROVED

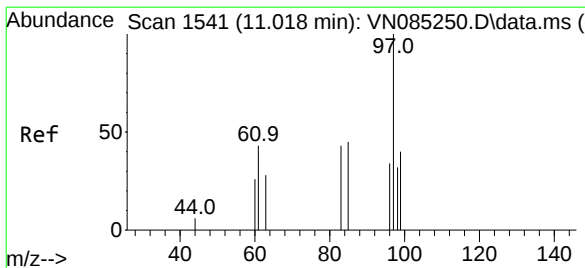
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#54
cis-1,3-Dichloropropene
Concen: 52.919 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

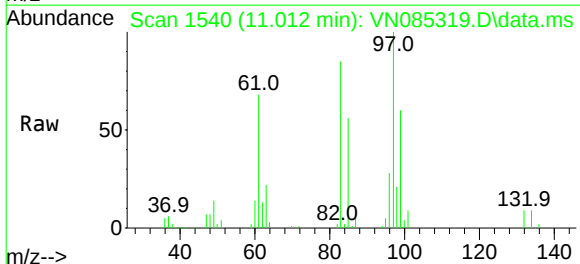
Tgt Ion: 75 Resp: 159326
Ion Ratio Lower Upper
75 100
77 30.3 26.6 39.8
39 53.8 45.3 67.9





#55
1,1,2-Trichloroethane
Concen: 50.986 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

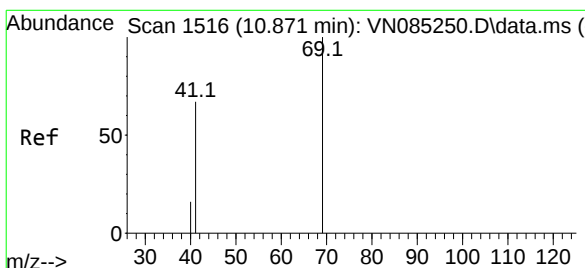
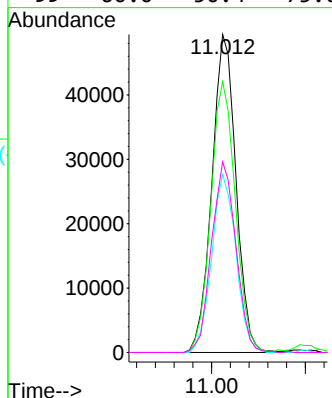
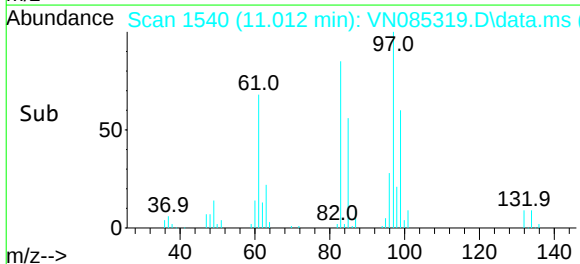
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	88064
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.6	104.4
85	56.0	45.7	68.5
99	60.0	50.4	75.6

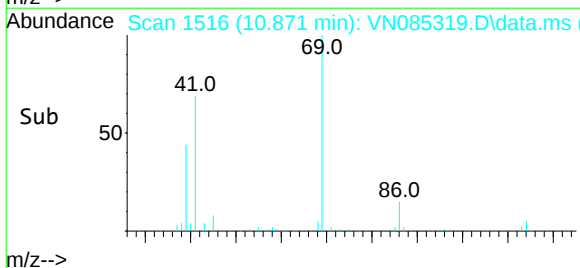
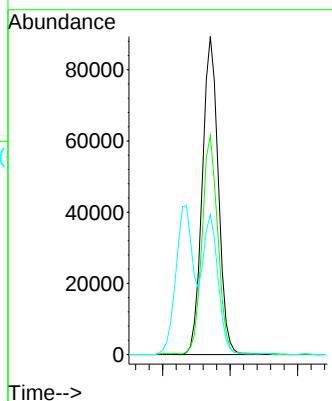
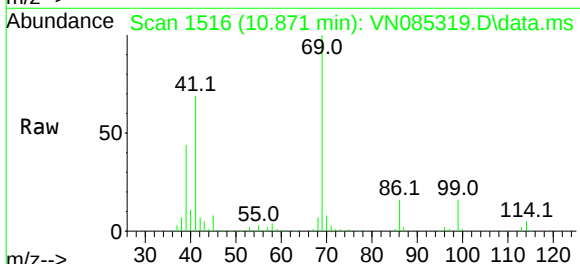
Manual Integrations
APPROVED

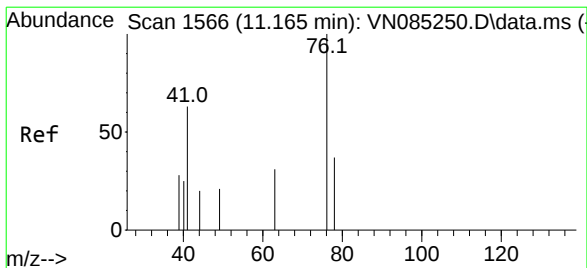
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#56
Ethyl methacrylate
Concen: 45.135 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

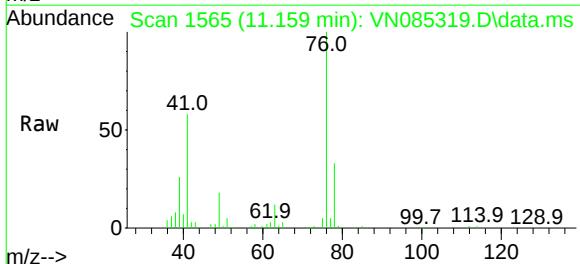
Tgt Ion:	69	Resp:	147480
Ion	Ratio	Lower	Upper
69	100		
41	66.8	57.5	86.3
39	40.7	33.4	50.2





#57
1,3-Dichloropropane
Concen: 51.773 ug/l
RT: 11.159 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

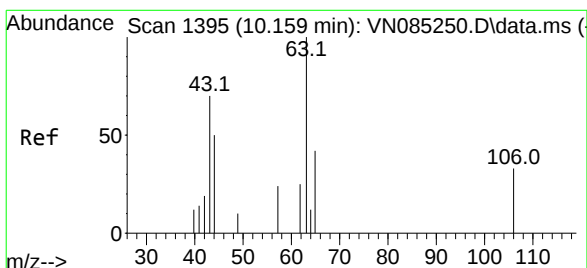
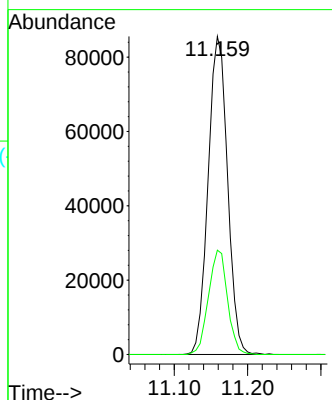
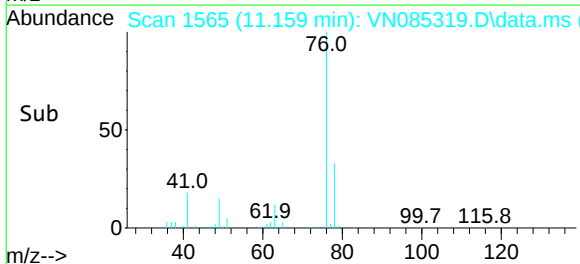
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 157389
Ion Ratio Lower Upper
76 100
78 32.1 25.4 38.2

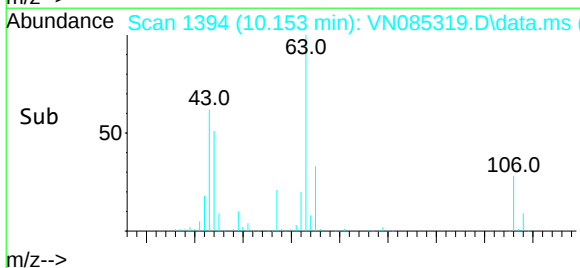
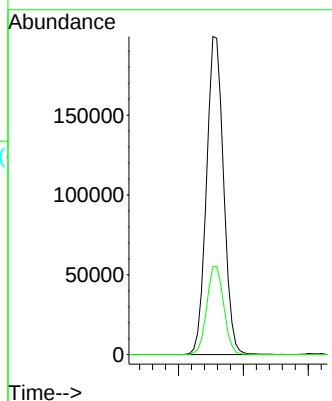
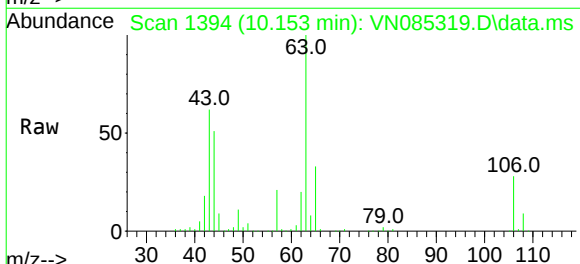
Manual Integrations
APPROVED

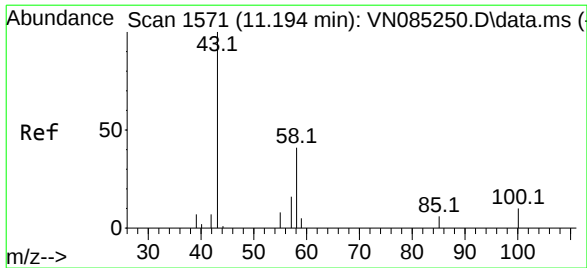
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#58
2-Chloroethyl Vinyl ether
Concen: 234.621 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 63 Resp: 363816
Ion Ratio Lower Upper
63 100
106 27.5 21.2 31.8





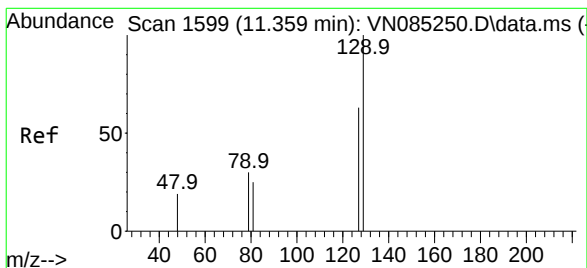
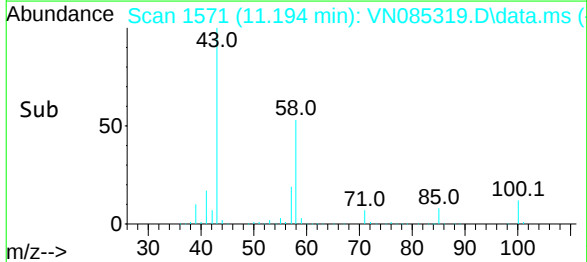
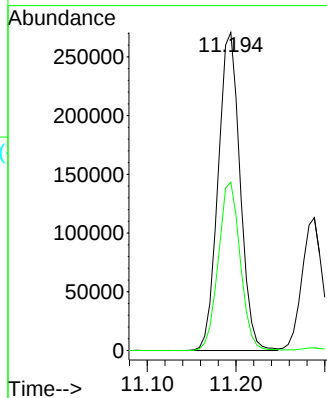
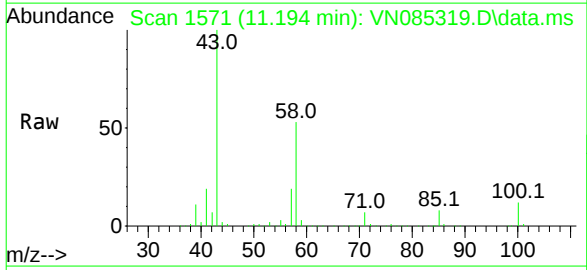
#59
2-Hexanone
Concen: 238.443 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 464633
Ion Ratio Lower Upper
43 100
58 52.8 25.8 77.4

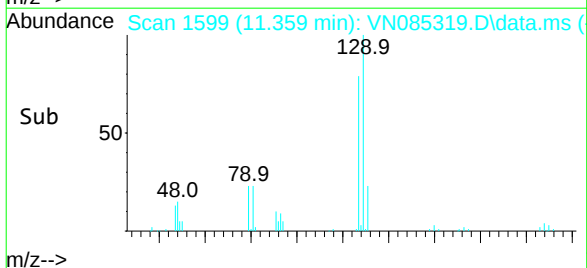
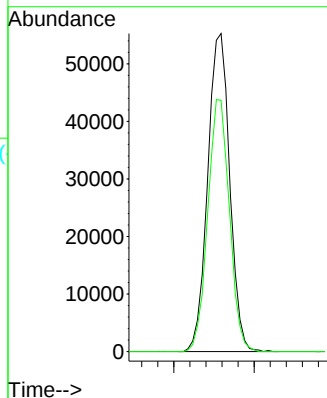
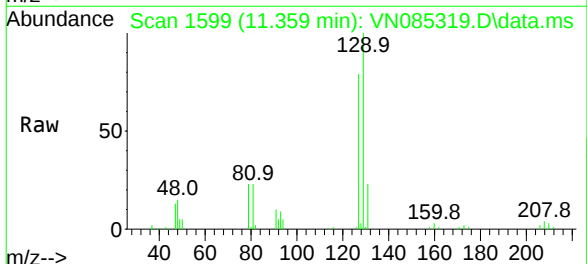
Manual Integrations
APPROVED

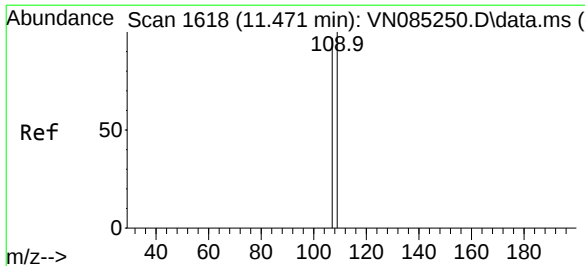
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#60
Dibromochloromethane
Concen: 51.340 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

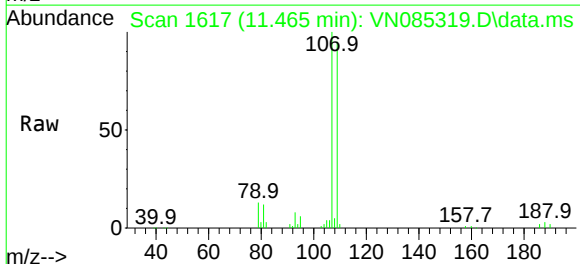
Tgt Ion:129 Resp: 105095
Ion Ratio Lower Upper
129 100
127 78.1 39.6 118.8





#61
1,2-Dibromoethane
Concen: 50.026 ug/l
RT: 11.465 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

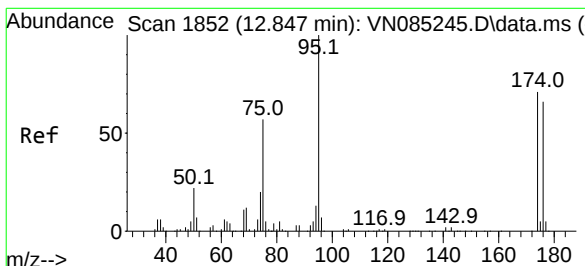
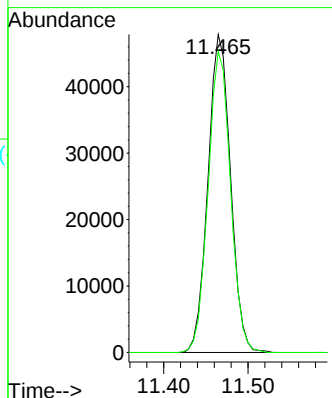
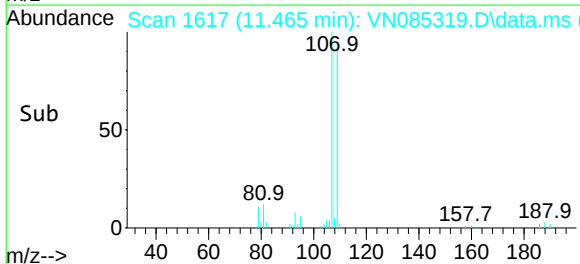
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 88998
Ion Ratio Lower Upper
107 100
109 94.3 74.2 111.4

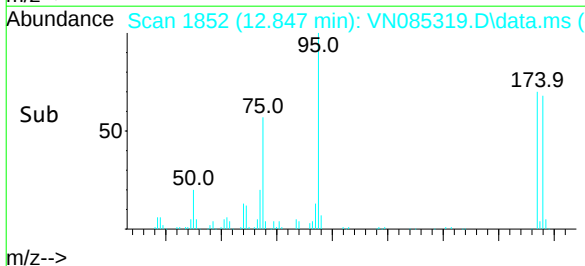
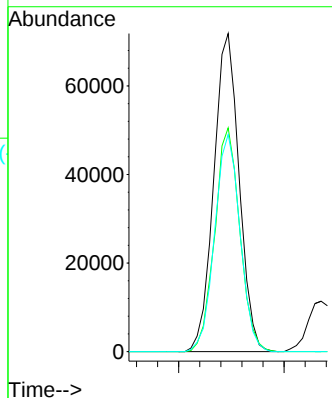
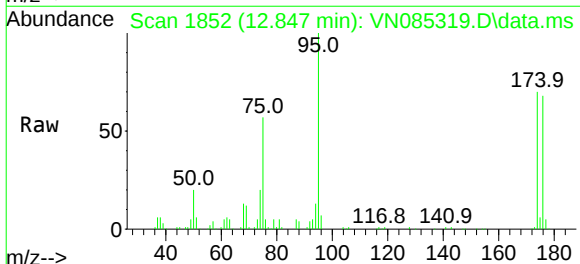
Manual Integrations
APPROVED

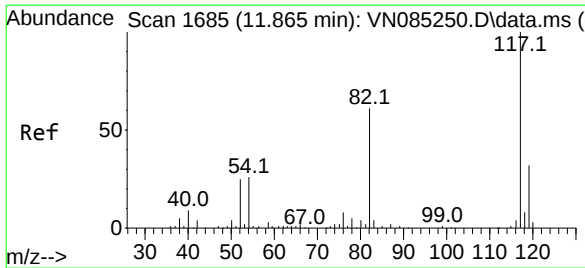
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#62
4-Bromofluorobenzene
Concen: 51.885 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 95 Resp: 119954
Ion Ratio Lower Upper
95 100
174 69.5 0.0 144.4
176 68.2 0.0 136.6





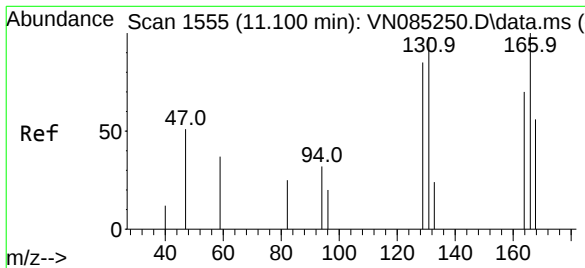
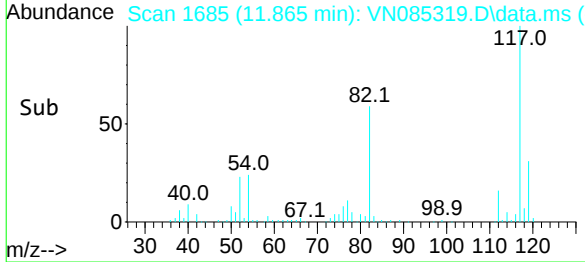
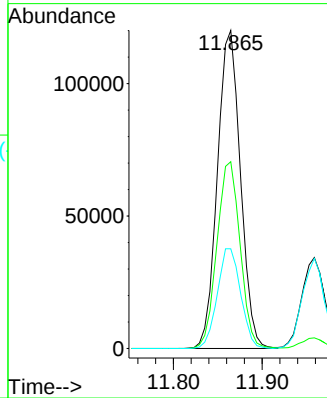
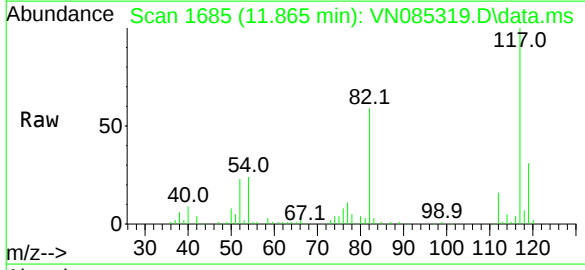
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	117	Resp:	216435
Ion Ratio	Lower	Upper	
117	100		
82	58.7	47.4	71.2
119	31.3	25.6	38.4

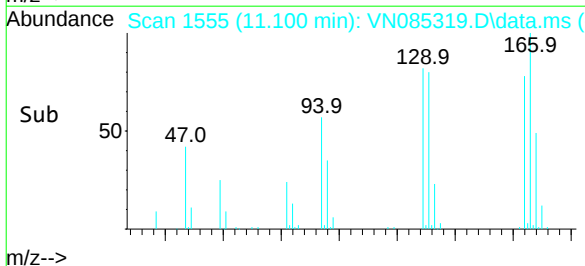
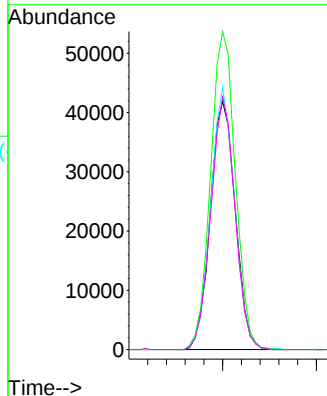
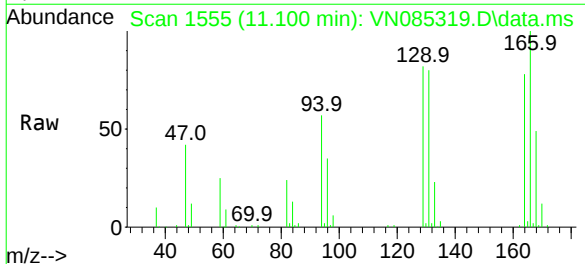
Manual Integrations
APPROVED

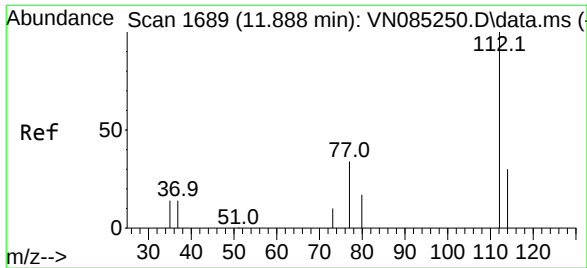
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#64
Tetrachloroethene
Concen: 53.176 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

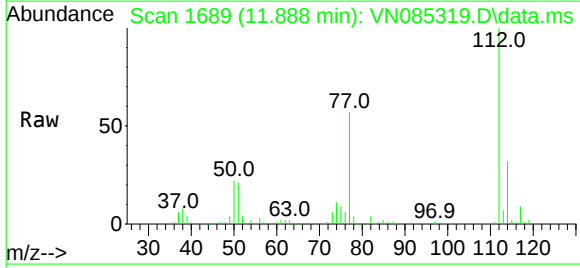
Tgt Ion:	164	Resp:	77447
Ion Ratio	Lower	Upper	
164	100		
166	128.1	101.5	152.3
129	105.7	79.4	119.2
131	101.9	73.9	110.9





#65
Chlorobenzene
Concen: 53.654 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

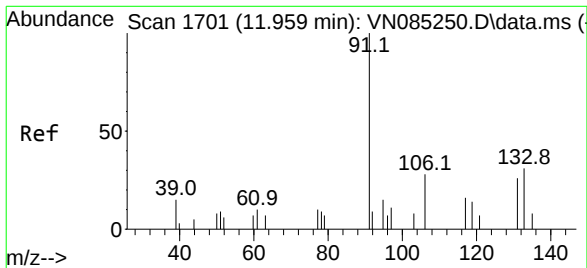
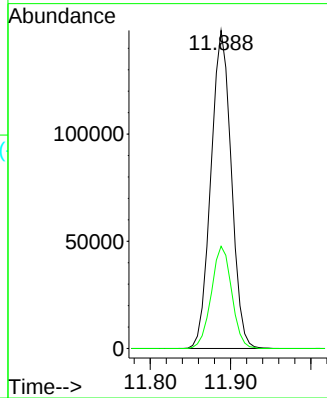
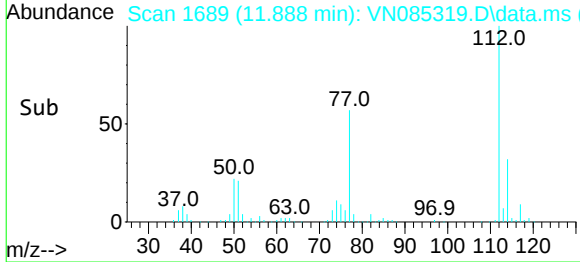
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



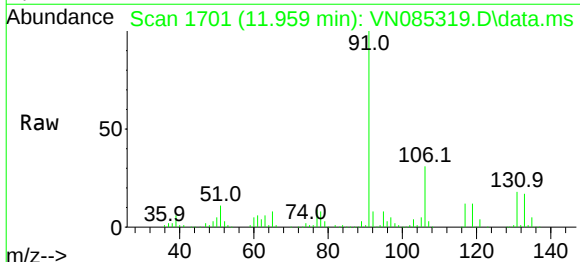
Tgt Ion:112 Resp: 261033
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4

Manual Integrations
APPROVED

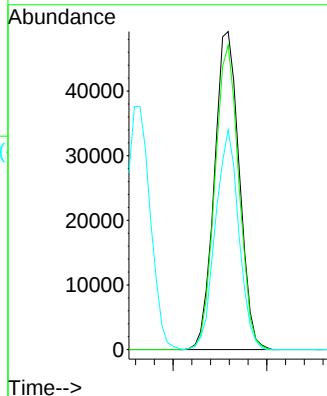
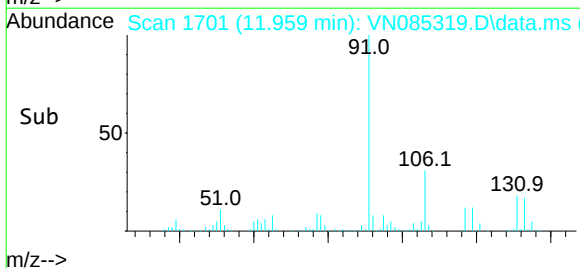
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

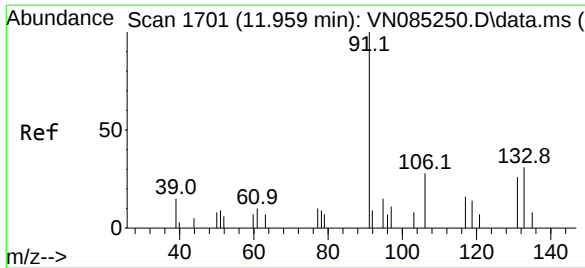


#66
1,1,1,2-Tetrachloroethane
Concen: 53.499 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04



Tgt Ion:131 Resp: 90808
Ion Ratio Lower Upper
131 100
133 92.1 48.6 145.8
119 64.9 32.5 97.5





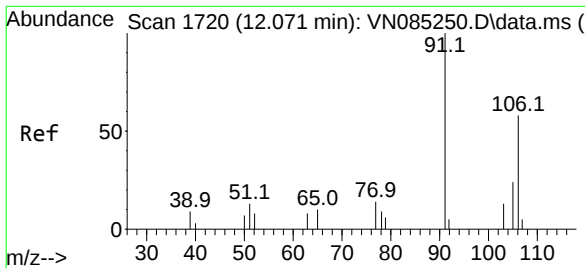
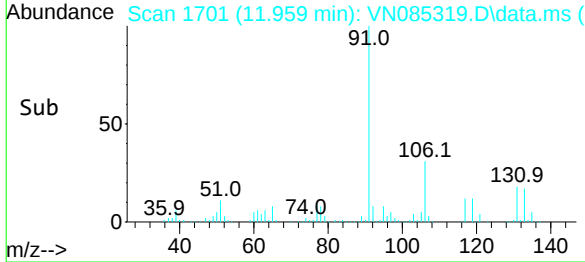
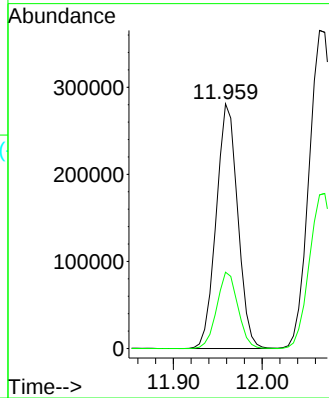
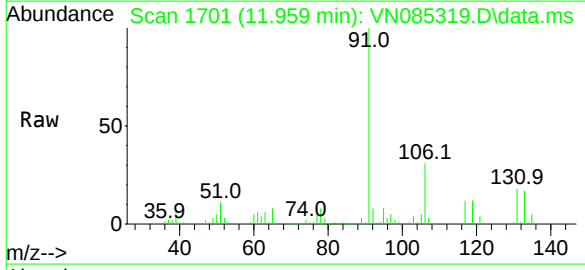
#67
Ethyl Benzene
Concen: 56.778 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 473470
Ion Ratio Lower Upper
91 100
106 31.2 23.5 35.3

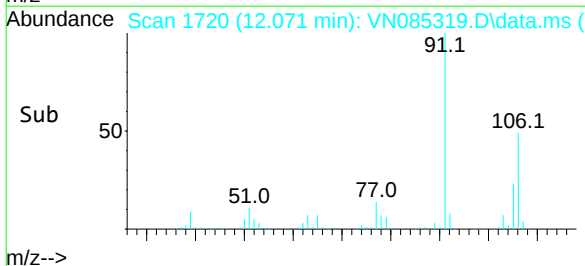
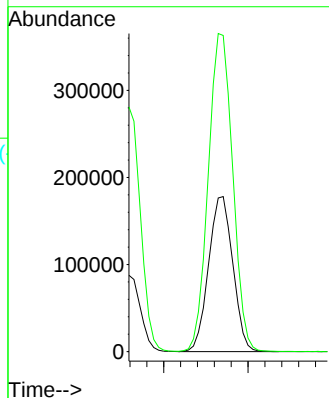
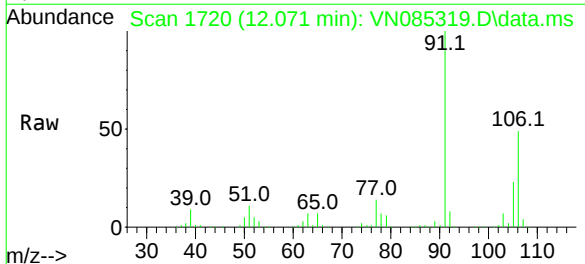
Manual Integrations
APPROVED

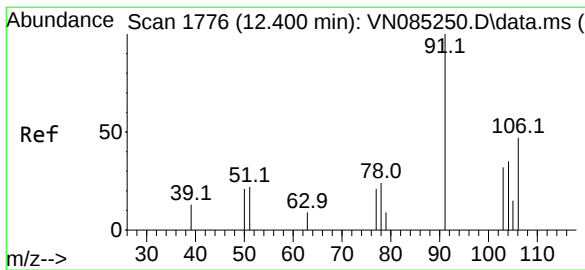
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#68
m/p-Xylenes
Concen: 114.105 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion:106 Resp: 355877
Ion Ratio Lower Upper
106 100
91 206.8 168.3 252.5





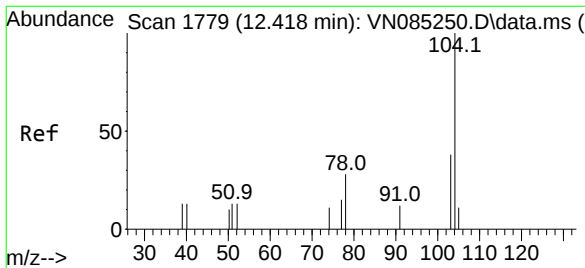
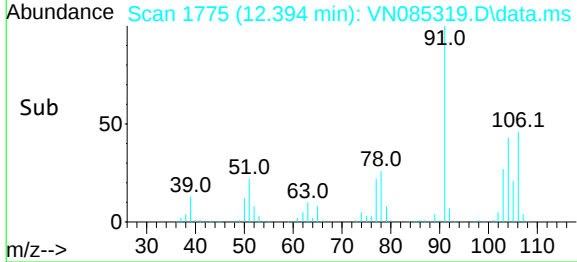
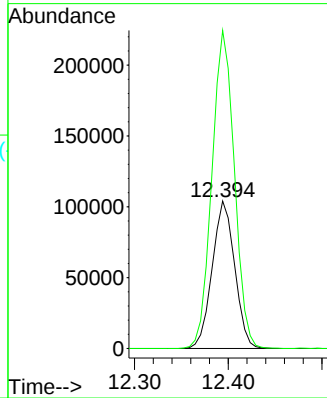
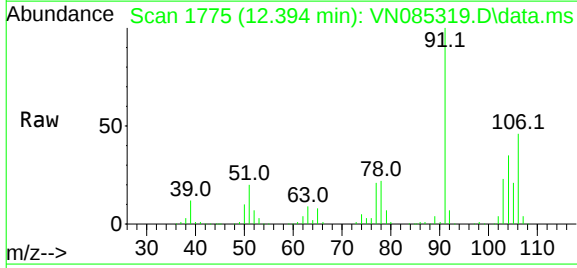
#69
o-Xylene
Concen: 59.158 ug/l
RT: 12.394 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 173424
Ion Ratio Lower Upper
106 100
91 215.3 112.1 336.2

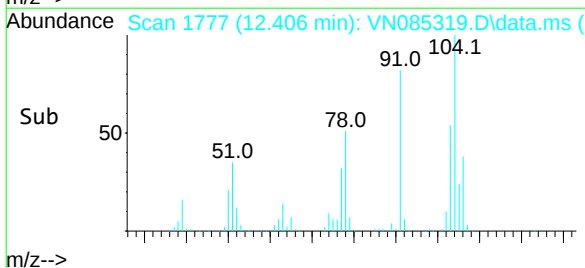
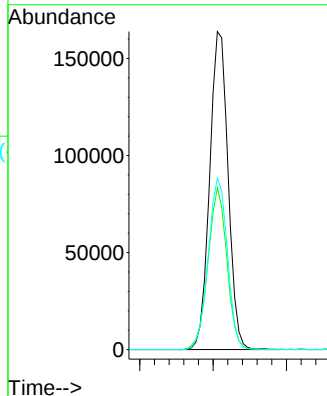
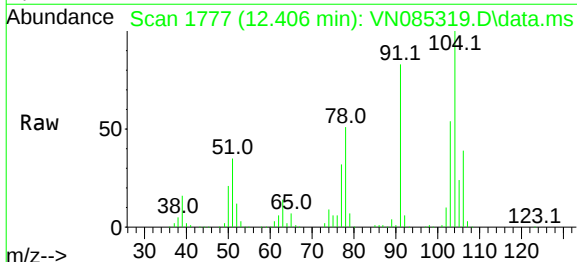
Manual Integrations
APPROVED

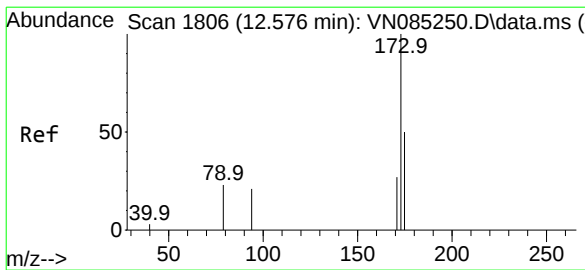
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#70
Styrene
Concen: 58.585 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion:104 Resp: 286718
Ion Ratio Lower Upper
104 100
78 52.0 43.2 64.8
103 56.0 44.6 66.8





#71

Bromoform

Concen: 48.723 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

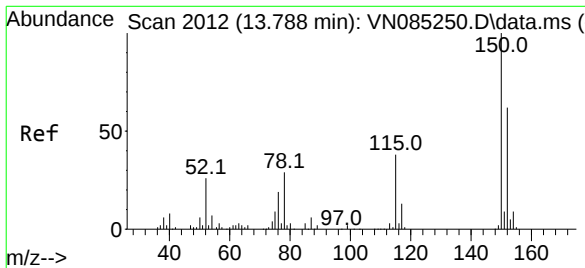
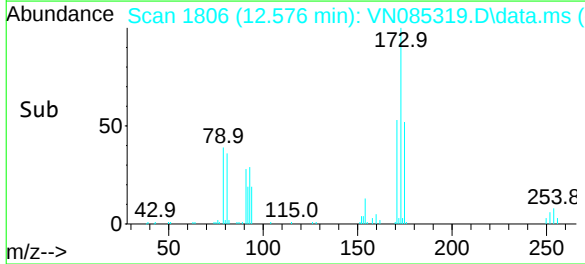
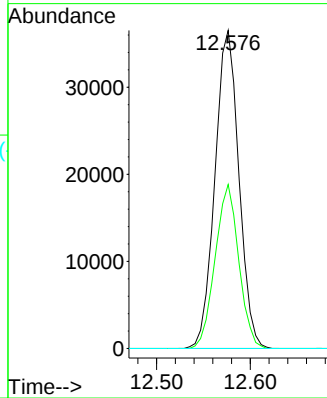
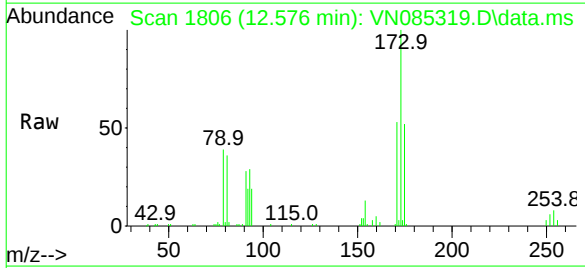
Tgt Ion:	173	Resp:	64826
Ion Ratio	Lower	Upper	
173	100		
175	50.8	24.5	73.5
254	0.0	0.0	0.0

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

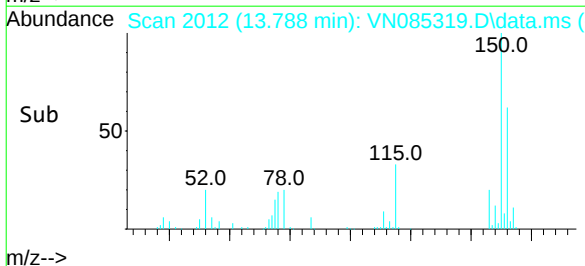
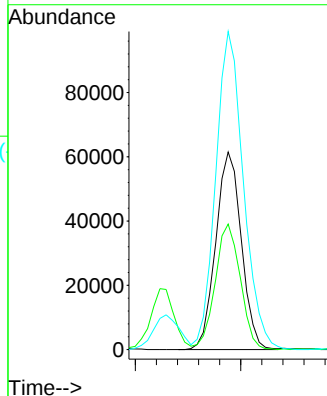
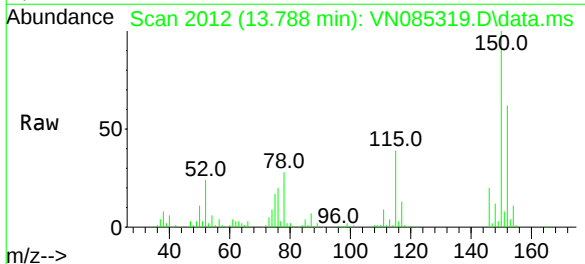
RT: 13.788 min Scan# 2012

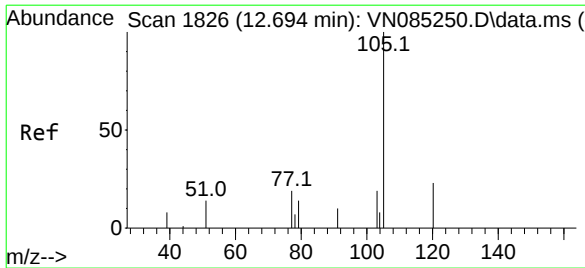
Delta R.T. -0.000 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

Tgt Ion:	152	Resp:	103732
Ion Ratio	Lower	Upper	
152	100		
115	62.4	32.1	96.3
150	174.6	0.0	354.6





#73

Isopropylbenzene

Concen: 58.829 ug/l

RT: 12.694 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 440218

Ion Ratio Lower Upper

105 100

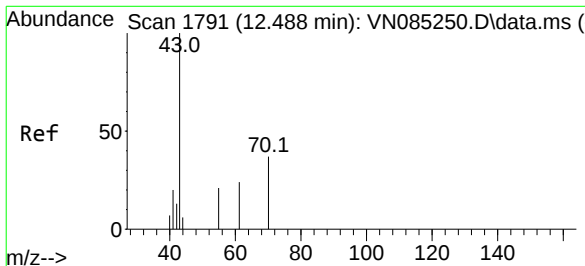
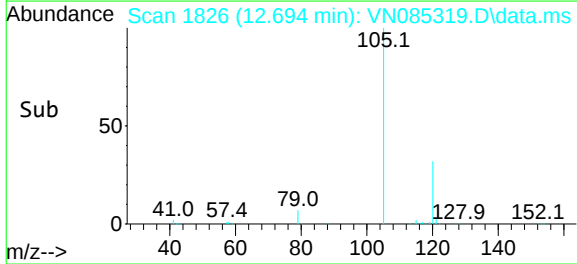
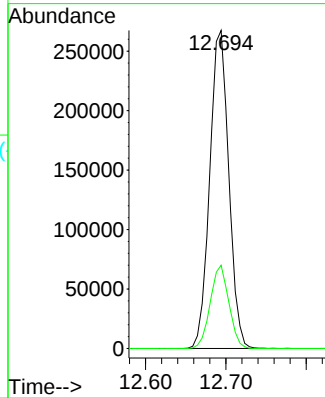
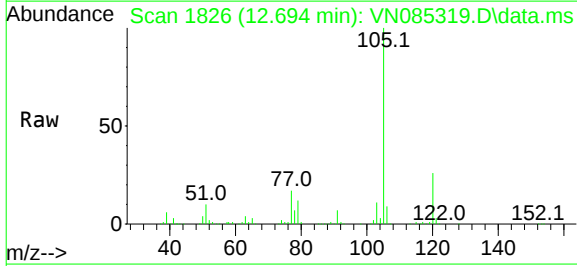
120 25.5 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#74

N-ethyl acetate

Concen: 52.285 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

Tgt Ion: 43 Resp: 195411

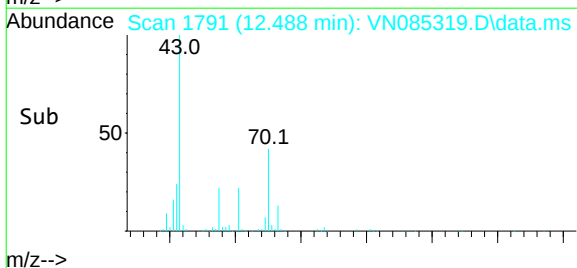
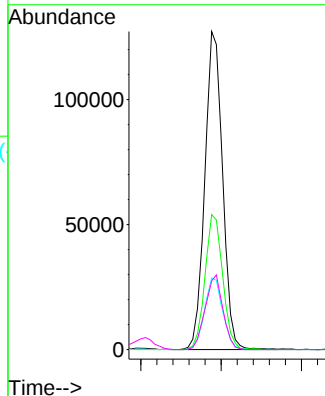
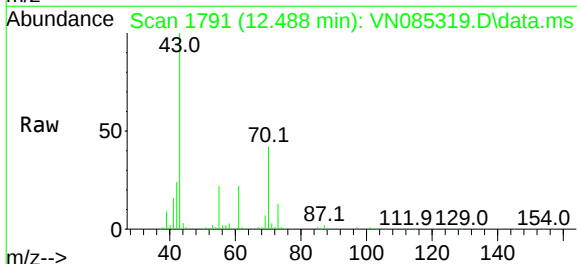
Ion Ratio Lower Upper

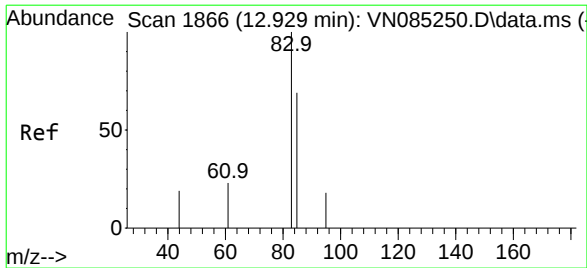
43 100

70 42.3 31.5 47.3

55 23.1 19.0 28.4

61 23.4 18.1 27.1





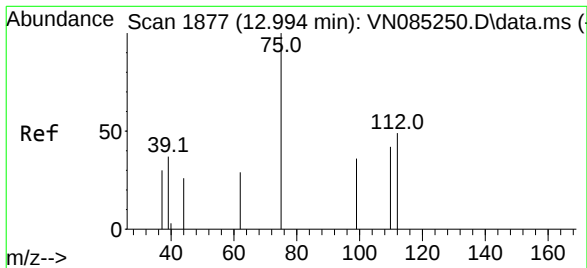
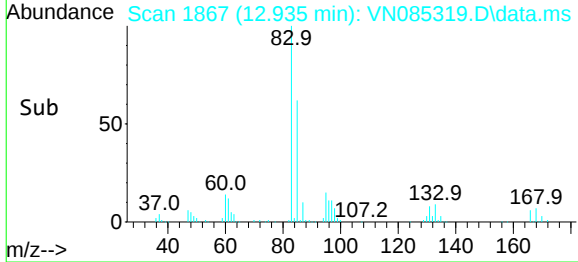
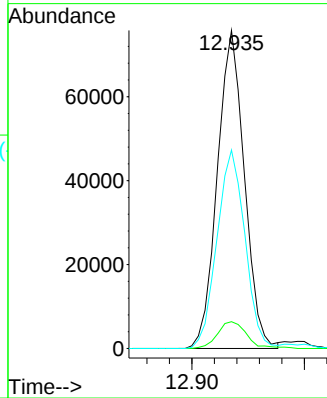
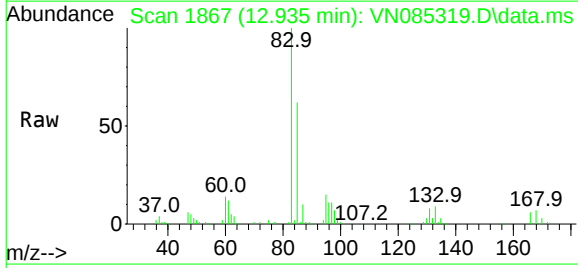
#75
1,1,2,2-Tetrachloroethane
Concen: 47.509 ug/l
RT: 12.935 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	83	Resp:	126667
Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.7	14.1
85	64.5	32.5	97.4

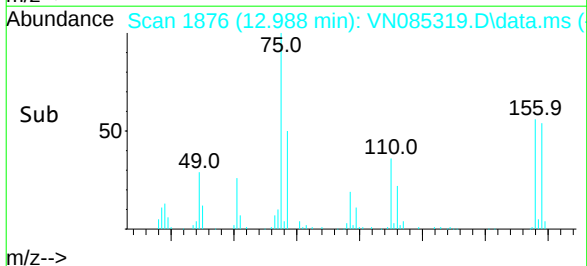
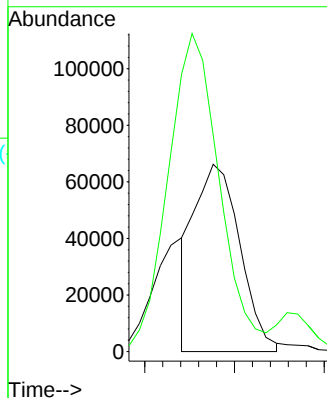
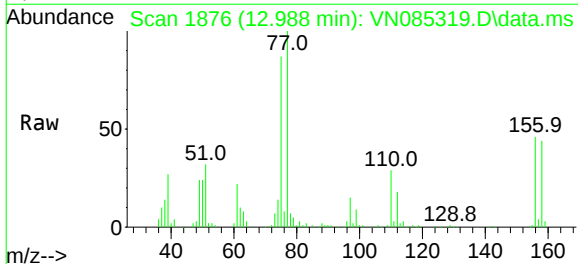
Manual Integrations
APPROVED

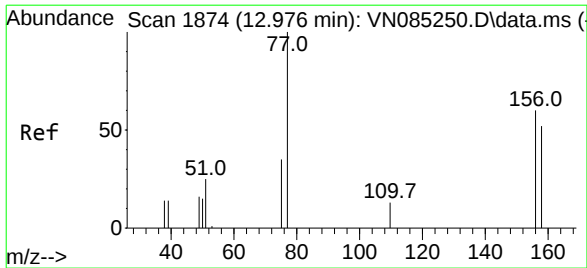
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#76
1,2,3-Trichloropropane
Concen: 47.500 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

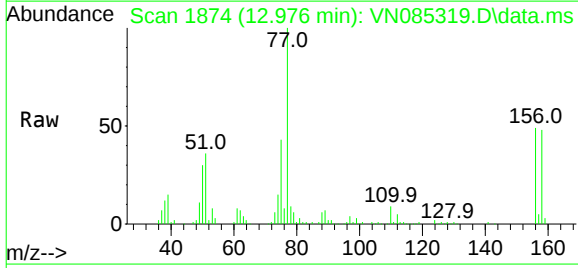
Tgt Ion:	75	Resp:	117449
Ion	Ratio	Lower	Upper
75	100		
77	190.6	102.6	307.7





#77
Bromobenzene
Concen: 48.503 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

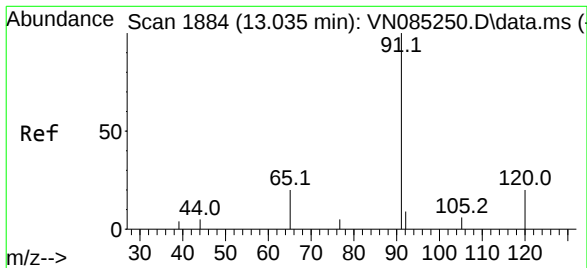
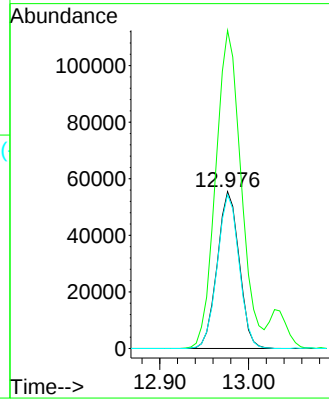
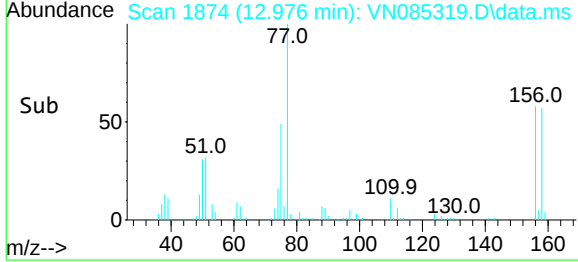
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 95295
Ion Ratio Lower Upper
156 100
77 234.9 115.8 347.3
158 97.6 47.9 143.7

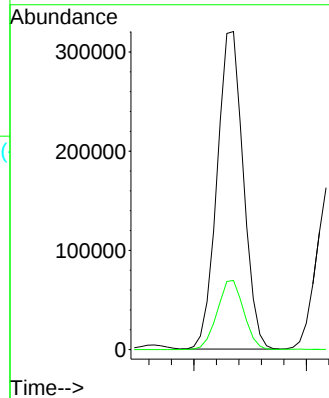
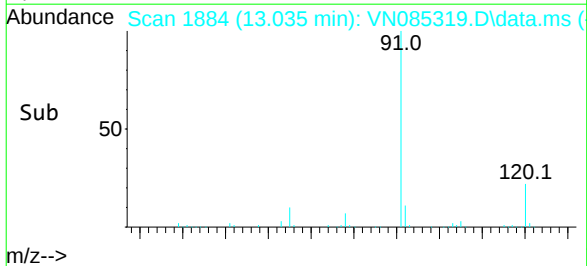
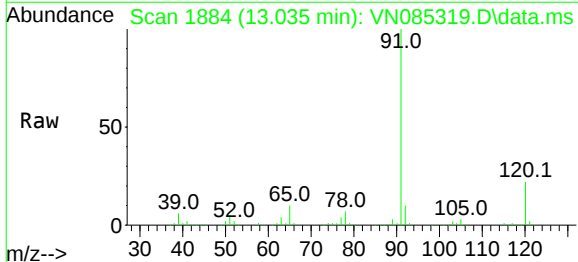
Manual Integrations
APPROVED

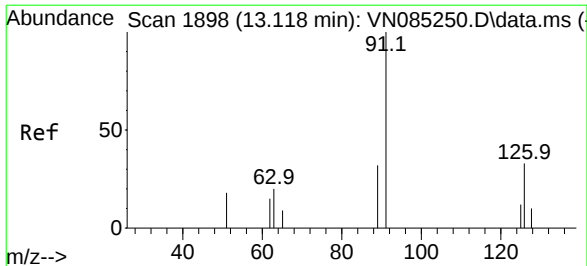
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#78
n-propylbenzene
Concen: 56.621 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 91 Resp: 519621
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.3





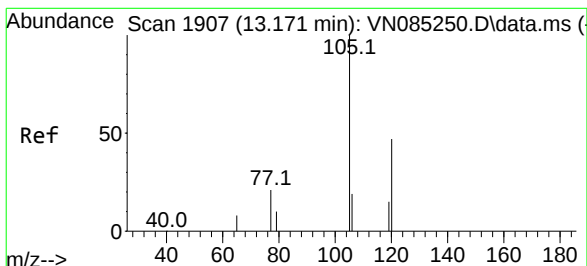
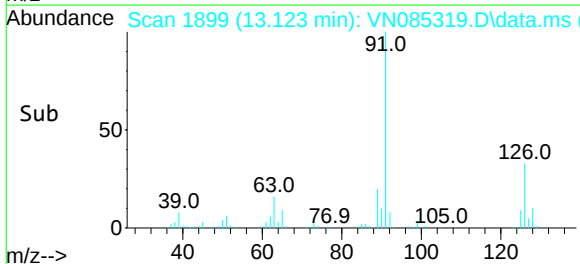
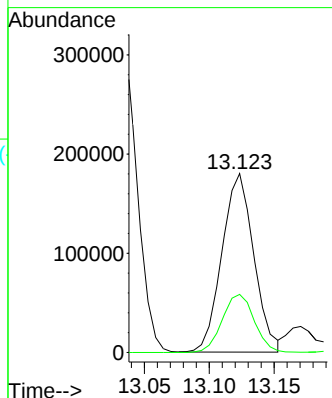
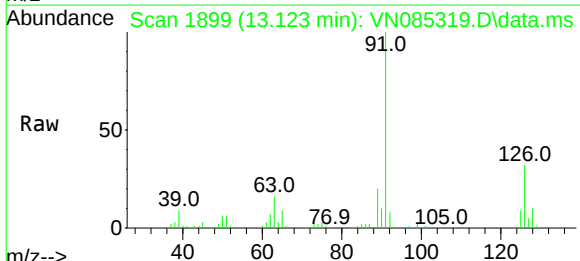
#79
2-Chlorotoluene
Concen: 52.767 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 307462
Ion Ratio Lower Upper
91 100
126 32.8 15.2 45.5

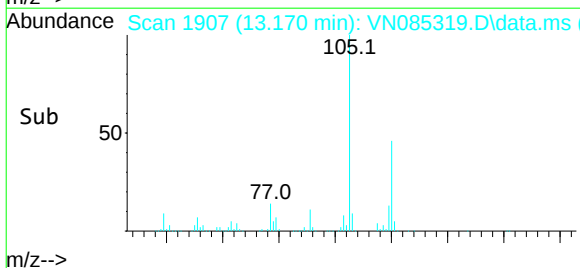
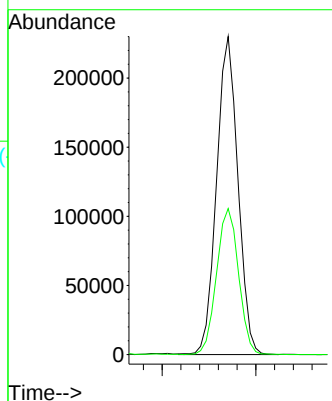
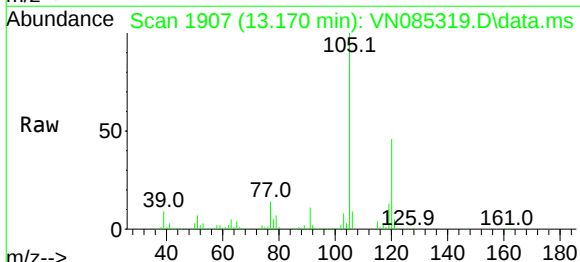
Manual Integrations
APPROVED

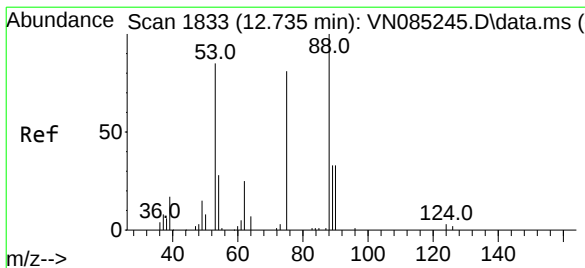
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#80
1,3,5-Trimethylbenzene
Concen: 58.265 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion:105 Resp: 363663
Ion Ratio Lower Upper
105 100
120 47.4 23.4 70.2





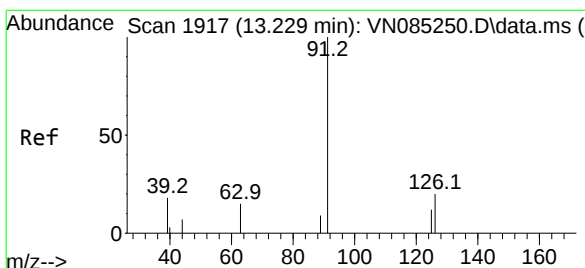
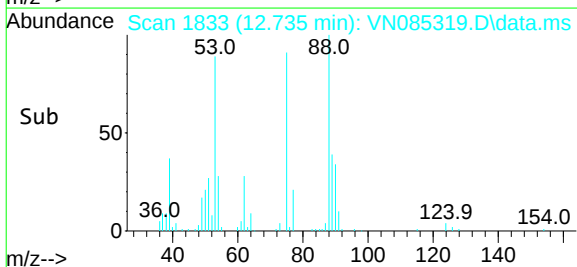
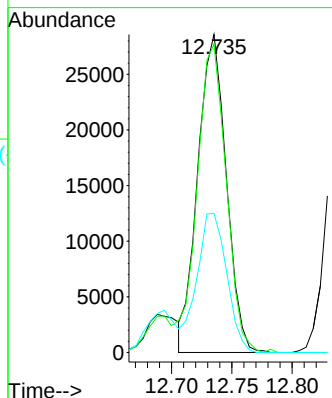
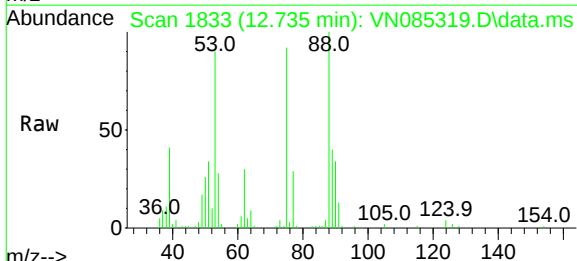
#81
trans-1,4-Dichloro-2-butene
Concen: 50.422 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 46953
Ion Ratio Lower Upper
75 100
53 99.6 84.9 127.3
89 46.0 37.9 56.9

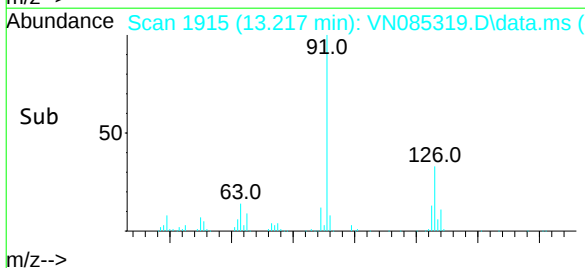
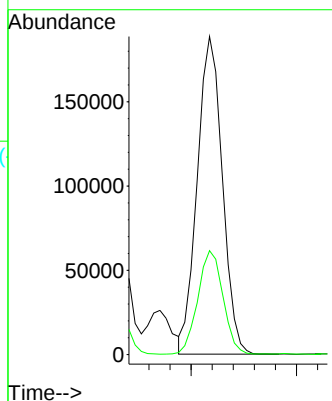
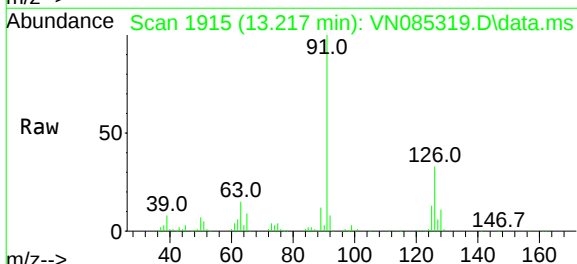
Manual Integrations
APPROVED

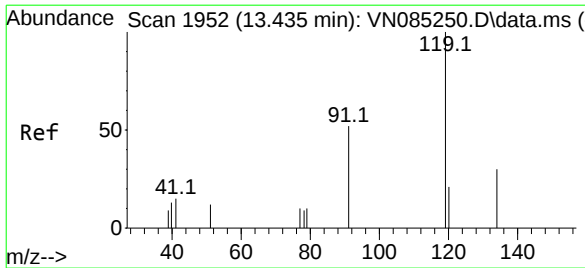
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#82
4-Chlorotoluene
Concen: 52.859 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 91 Resp: 311672
Ion Ratio Lower Upper
91 100
126 32.7 15.6 46.8





#83

tert-Butylbenzene

Concen: 58.252 ug/l

RT: 13.435 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 308339

Ion Ratio Lower Upper

119 100

91 68.6 36.3 108.7

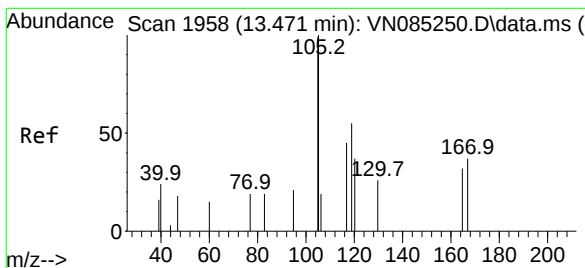
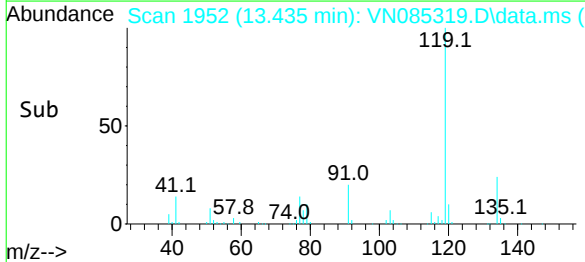
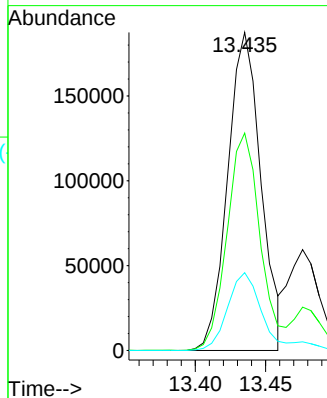
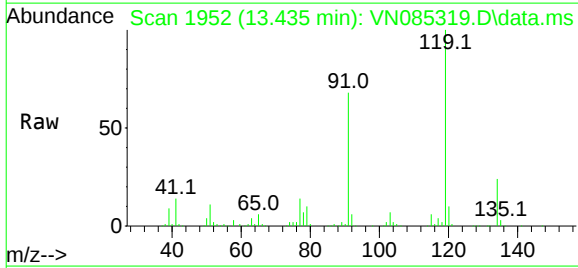
134 26.3 12.2 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#84

1,2,4-Trimethylbenzene

Concen: 57.958 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN085319.D

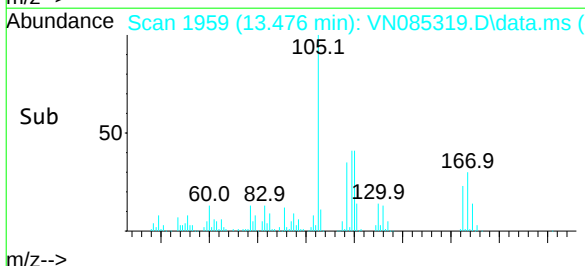
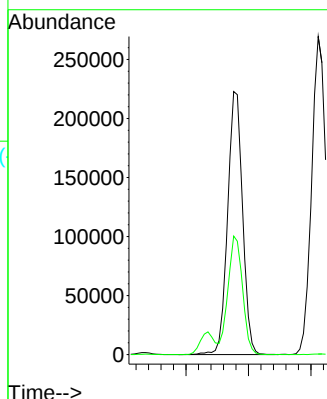
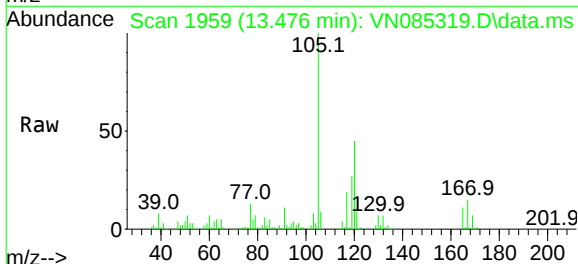
Acq: 26 Dec 2024 16:04

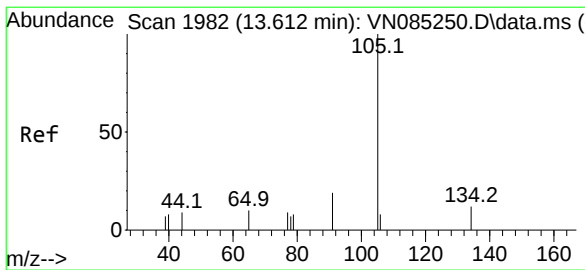
Tgt Ion:105 Resp: 369772

Ion Ratio Lower Upper

105 100

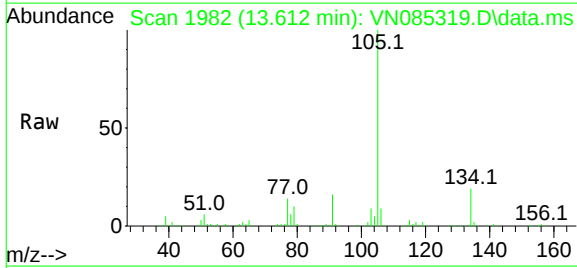
120 43.8 21.8 65.3





#85
sec-Butylbenzene
Concen: 58.824 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

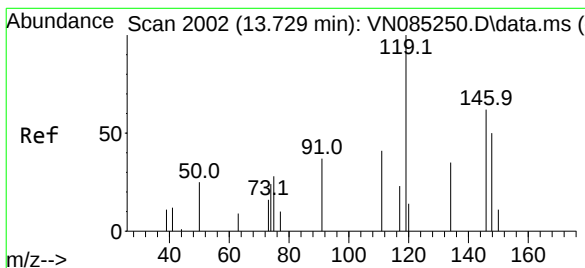
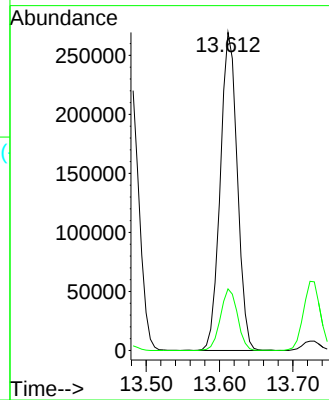
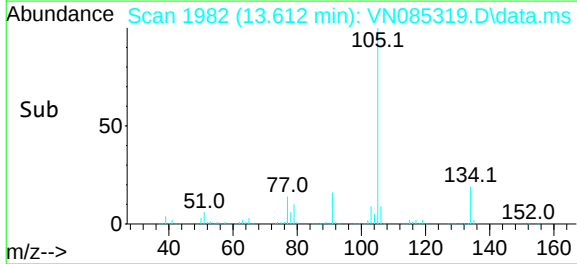
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 434099
Ion Ratio Lower Upper
105 100
134 19.4 9.4 28.3

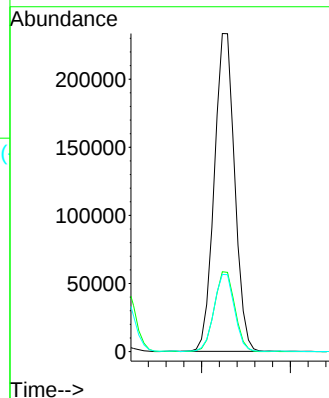
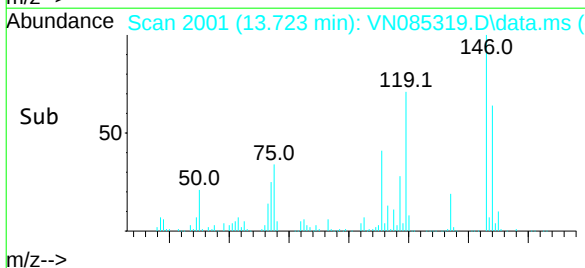
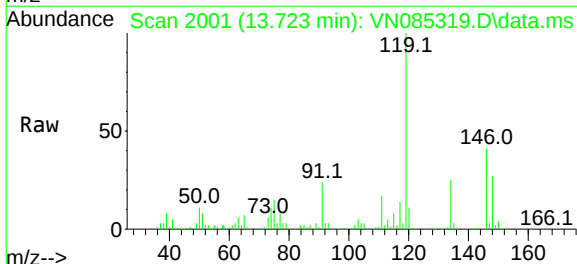
Manual Integrations
APPROVED

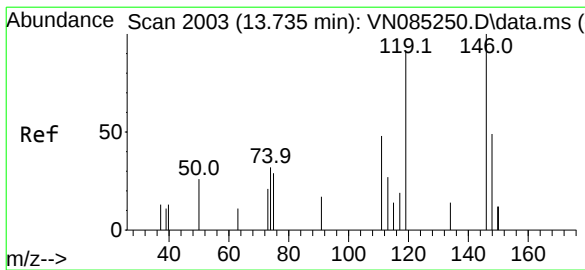
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#86
p-Isopropyltoluene
Concen: 52.060 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

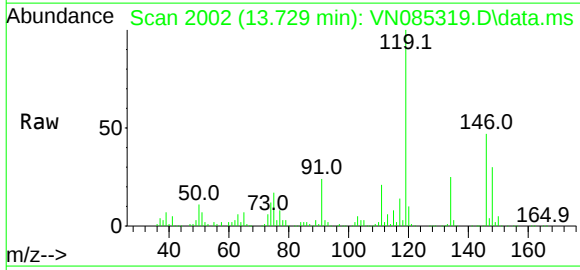
Tgt Ion:119 Resp: 372341
Ion Ratio Lower Upper
119 100
134 25.3 12.5 37.5
91 24.6 13.0 38.9





#87
1,3-Dichlorobenzene
Concen: 51.941 ug/l
RT: 13.729 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

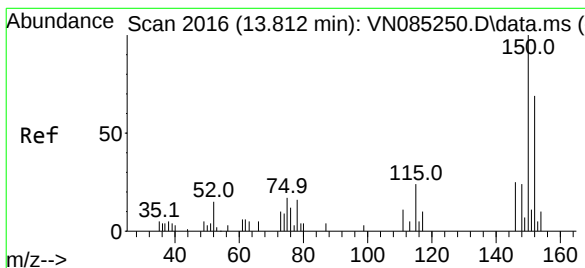
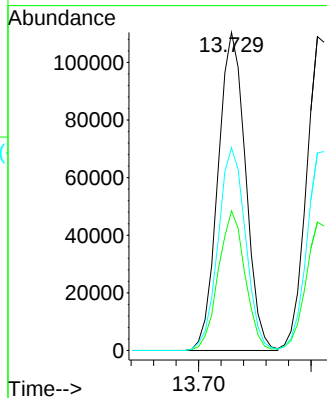
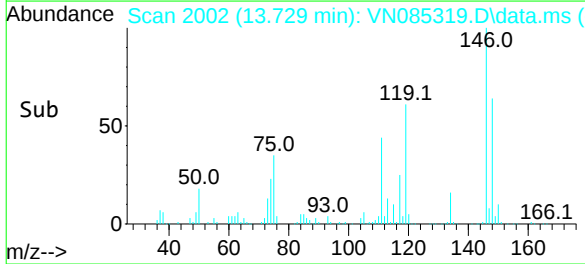
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



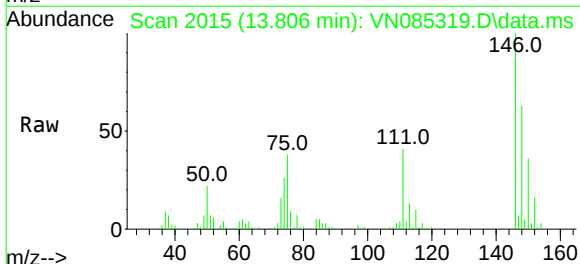
Tgt Ion:146 Resp: 187931
Ion Ratio Lower Upper
146 100
111 42.5 21.5 64.5
148 63.4 31.4 94.0

Manual Integrations
APPROVED

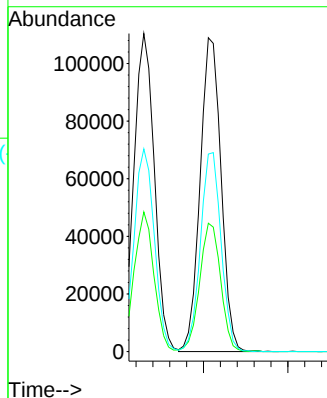
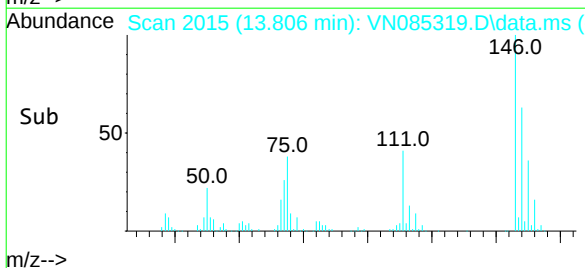
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

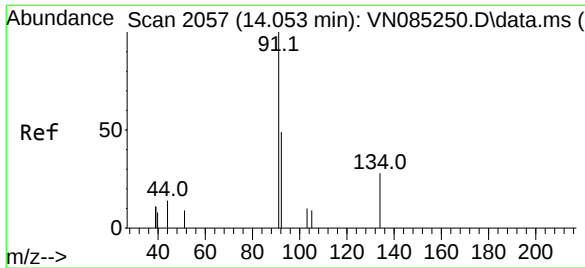


#88
1,4-Dichlorobenzene
Concen: 50.280 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04



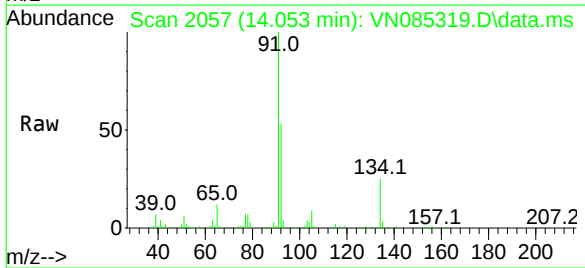
Tgt Ion:146 Resp: 188234
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.5
148 62.6 31.9 95.9





#89
n-Butylbenzene
Concen: 61.314 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

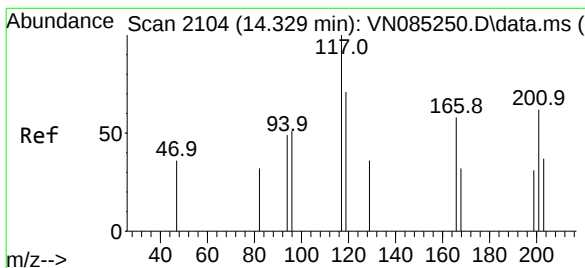
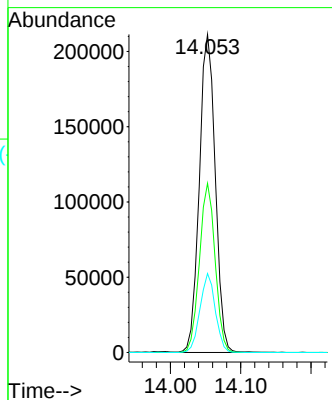
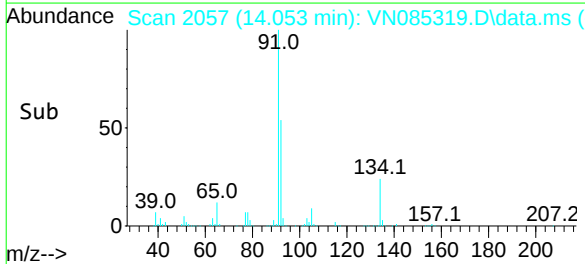
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 332750
Ion Ratio Lower Upper
91 100
92 52.1 25.8 77.3
134 23.8 12.0 36.0

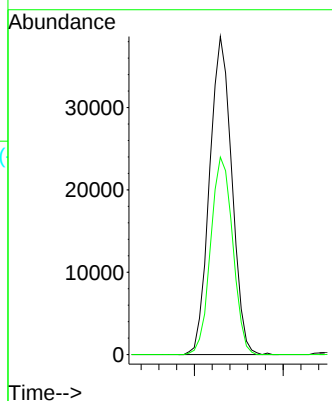
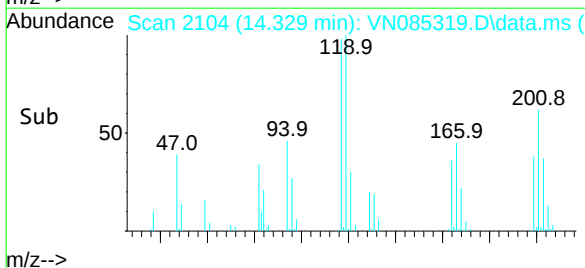
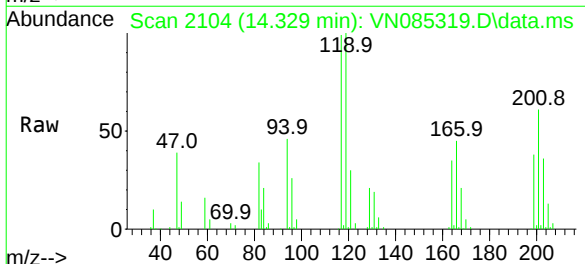
Manual Integrations
APPROVED

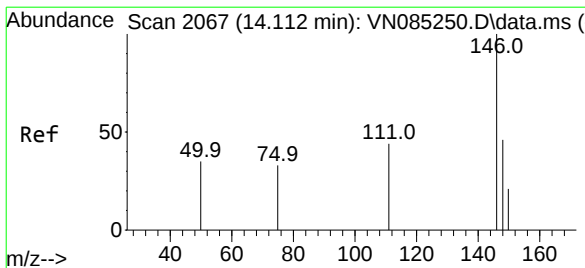
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#90
Hexachloroethane
Concen: 49.581 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

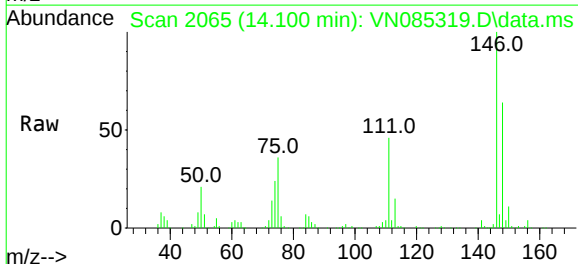
Tgt Ion:117 Resp: 67213
Ion Ratio Lower Upper
117 100
201 61.6 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 52.300 ug/l
RT: 14.100 min Scan# 2067
Delta R.T. -0.006 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

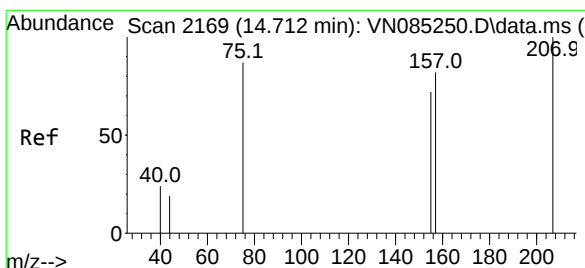
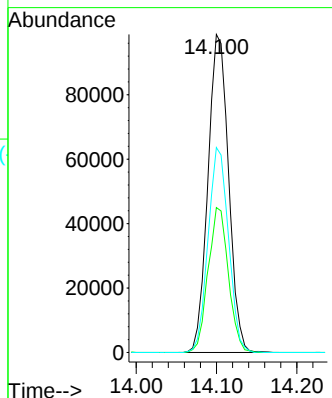
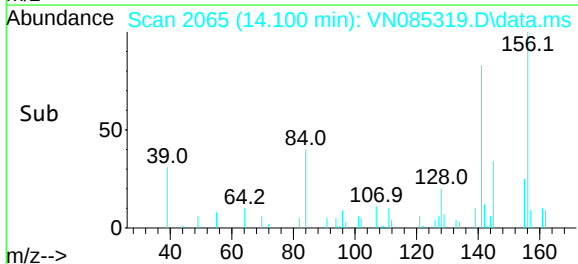
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 146 Resp: 176001
Ion Ratio Lower Upper
146 100
111 44.8 22.1 66.1
148 63.8 31.9 95.9

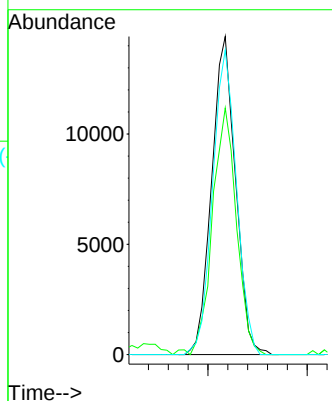
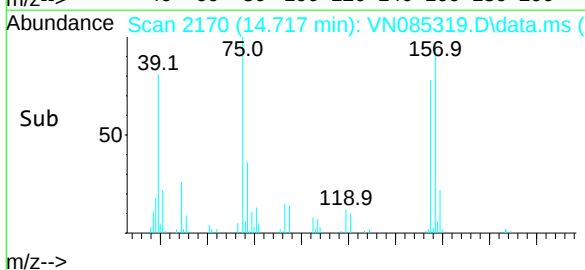
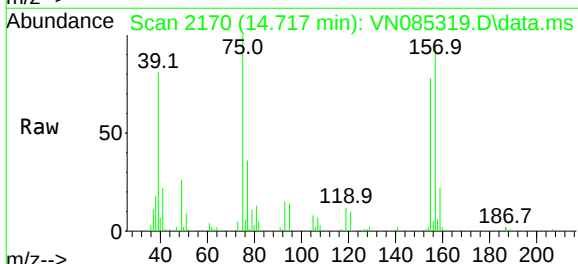
Manual Integrations
APPROVED

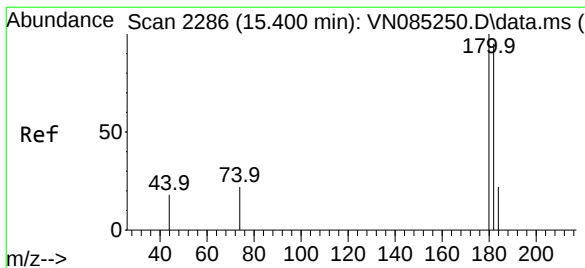
Reviewed By : John Carlone 12/27/2024
Supervised By : Mahesh Dadoda 12/27/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.264 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085319.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 75 Resp: 24166
Ion Ratio Lower Upper
75 100
155 77.8 35.4 106.2
157 95.3 43.3 129.9





#93

1,2,4-Trichlorobenzene

Concen: 53.256 ug/l

RT: 15.388 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN085319.D

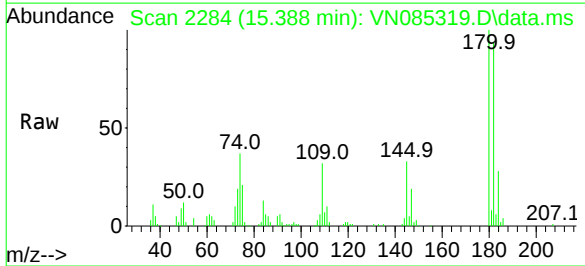
Acq: 26 Dec 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



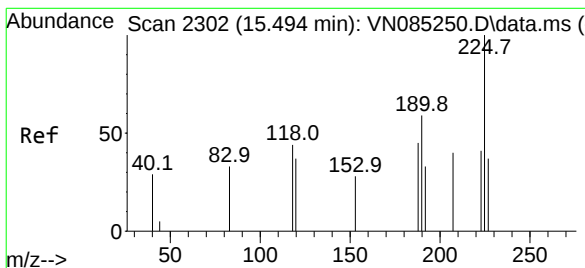
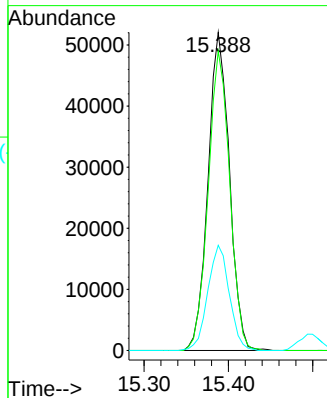
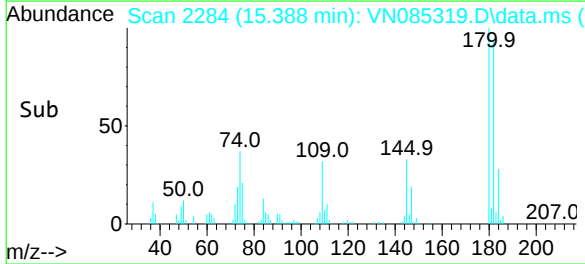
Tgt Ion:	180	Resp:	91741
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.3	138.8
145	33.3	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#94

Hexachlorobutadiene

Concen: 43.186 ug/l

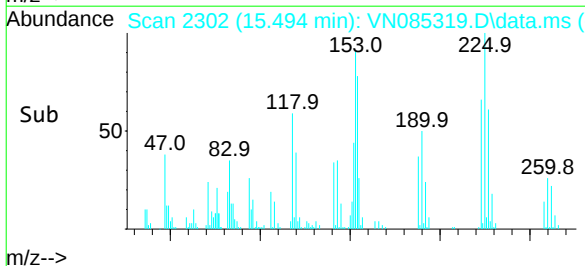
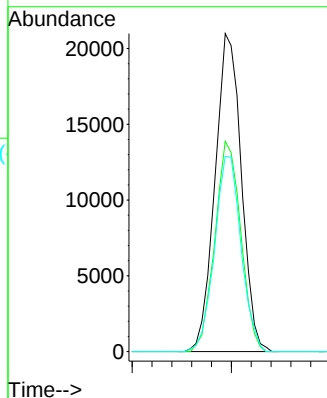
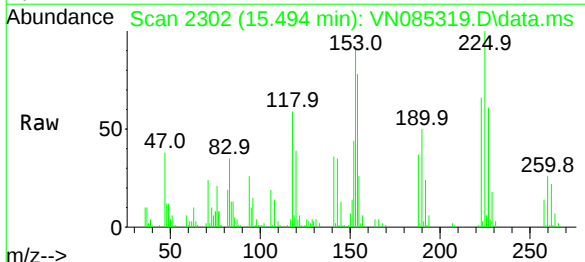
RT: 15.494 min Scan# 2302

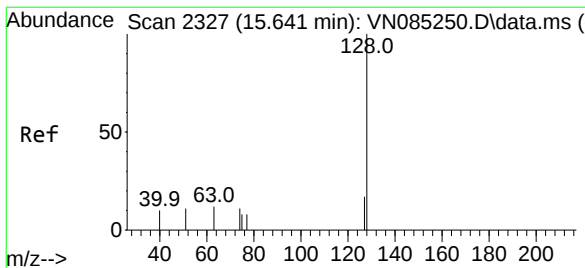
Delta R.T. -0.000 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

Tgt Ion:	225	Resp:	38665
Ion Ratio	Lower	Upper	
225	100		
223	65.0	34.1	102.2
227	61.9	33.2	99.6





#95

Naphthalene

Concen: 78.361 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 447026

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

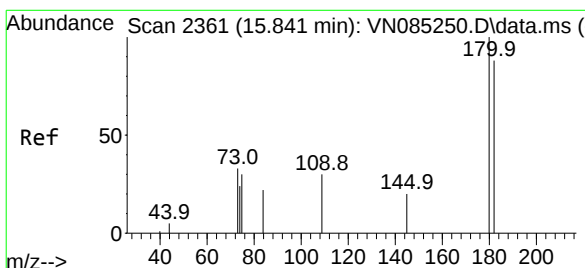
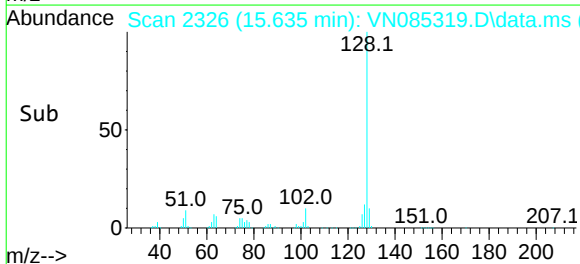
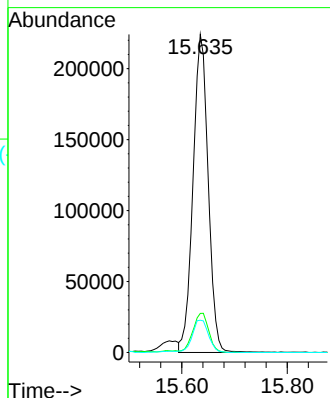
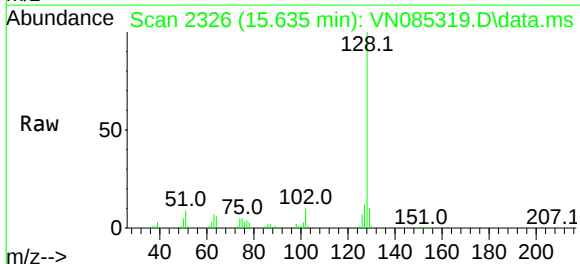
129 11.3 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#96

1,2,3-Trichlorobenzene

Concen: 50.595 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085319.D

Acq: 26 Dec 2024 16:04

Tgt Ion:180 Resp: 87054

Ion Ratio Lower Upper

180 100

182 94.7 46.9 140.6

145 34.9 17.6 52.8

