

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085363.D
 Acq On : 31 Dec 2024 10:43
 Operator : JC\MD
 Sample : VN1231WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/02/2025
 Supervised By : Mahesh Dadoda 01/02/2025

Quant Time: Jan 01 02:02:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112913	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119292	54.412	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.820%
35) Dibromofluoromethane	8.165	113	90404	53.211	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.420%
50) Toluene-d8	10.565	98	330923	53.079	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.160%
62) 4-Bromofluorobenzene	12.847	95	110458	53.348	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45805	22.034	ug/l	98
3) Chloromethane	2.359	50	45436	19.446	ug/l	99
4) Vinyl Chloride	2.512	62	46368	18.765	ug/l	96
5) Bromomethane	2.959	94	28054	17.360	ug/l	100
6) Chloroethane	3.118	64	29417	18.772	ug/l	99
7) Trichlorofluoromethane	3.494	101	64018	19.709	ug/l	95
8) Diethyl Ether	3.959	74	21494	19.985	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	36345	19.664	ug/l	96
10) Methyl Iodide	4.594	142	41355	19.335	ug/l	99
11) Tert butyl alcohol	5.518	59	31009	112.953	ug/l	100
12) 1,1-Dichloroethene	4.341	96	32427	18.984	ug/l	93
13) Acrolein	4.177	56	44713	104.467	ug/l	99
14) Allyl chloride	5.024	41	51067m	18.680	ug/l	
15) Acrylonitrile	5.718	53	95919	111.011	ug/l	99
16) Acetone	4.424	43	83492	115.815	ug/l	98
17) Carbon Disulfide	4.706	76	93443	17.982	ug/l	100
18) Methyl Acetate	5.024	43	51133	23.167	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	110003	19.813	ug/l	94
20) Methylene Chloride	5.271	84	40241	20.753	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	34881	19.548	ug/l	98
22) Diisopropyl ether	6.671	45	125766	21.348	ug/l	96
23) Vinyl Acetate	6.600	43	447900	105.098	ug/l	100
24) 1,1-Dichloroethane	6.565	63	72764	20.504	ug/l	99
25) 2-Butanone	7.482	43	127999	114.446	ug/l	98
26) 2,2-Dichloropropane	7.482	77	62621	20.141	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	42527	20.306	ug/l	99
28) Bromochloromethane	7.812	49	32285	19.577	ug/l #	100
29) Tetrahydrofuran	7.835	42	85750	119.026	ug/l	97
30) Chloroform	7.965	83	73595	20.271	ug/l	100
31) Cyclohexane	8.253	56	60571	18.692	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	64040	19.751	ug/l	93
36) 1,1-Dichloropropene	8.365	75	49583	19.932	ug/l	99
37) Ethyl Acetate	7.559	43	57905	23.419	ug/l	98
38) Carbon Tetrachloride	8.359	117	57297	21.131	ug/l	95
39) Methylcyclohexane	9.600	83	47483	18.397	ug/l	92
40) Benzene	8.606	78	156645	20.828	ug/l	98

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 Supervised By : Mahesh Dadoda 01/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	29360	23.186	ug/l	95
42) 1,2-Dichloroethane	8.665	62	57334	21.262	ug/l	100
43) Isopropyl Acetate	8.688	43	89915	22.086	ug/l	98
44) Trichloroethene	9.347	130	35480	19.926	ug/l	99
45) 1,2-Dichloropropane	9.618	63	39367	20.619	ug/l	100
46) Dibromomethane	9.706	93	27310	20.567	ug/l	99
47) Bromodichloromethane	9.888	83	58672	21.259	ug/l	93
48) Methyl methacrylate	9.676	41	39129	22.150	ug/l	97
49) 1,4-Dioxane	9.694	88	14286	535.986	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	275397	120.371	ug/l	98
52) Toluene	10.629	92	92881	20.740	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	55744	20.539	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	60439	20.594	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	36941	21.849	ug/l	97
56) Ethyl methacrylate	10.870	69	52919	21.490	ug/l	96
57) 1,3-Dichloropropane	11.159	76	64001	21.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	112459	94.395	ug/l	97
59) 2-Hexanone	11.194	43	198564	125.091	ug/l	97
60) Dibromochloromethane	11.359	129	44192	23.206	ug/l	95
61) 1,2-Dibromoethane	11.465	107	35544	21.249	ug/l	100
64) Tetrachloroethene	11.100	164	29544	19.086	ug/l	96
65) Chlorobenzene	11.888	112	102311	19.380	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	35892	20.257	ug/l	99
67) Ethyl Benzene	11.965	91	168477	19.190	ug/l	98
68) m/p-Xylenes	12.070	106	131145	40.817	ug/l	99
69) o-Xylene	12.394	106	59869	19.262	ug/l	96
70) Styrene	12.412	104	103920	20.630	ug/l	98
71) Bromoform	12.576	173	26704	21.760	ug/l #	100
73) Isopropylbenzene	12.694	105	153217	18.870	ug/l	98
74) N-amyl acetate	12.494	43	74329	21.386	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	54347	21.016	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	44593m	21.149	ug/l	
77) Bromobenzene	12.976	156	38717	19.246	ug/l	98
78) n-propylbenzene	13.035	91	188471	19.913	ug/l	99
79) 2-Chlorotoluene	13.123	91	115852	19.449	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	130558	19.879	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18141	20.604	ug/l	90
82) 4-Chlorotoluene	13.217	91	116607	19.437	ug/l	100
83) tert-Butylbenzene	13.435	119	104961	18.449	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	131136	20.052	ug/l	99
85) sec-Butylbenzene	13.611	105	150192	19.019	ug/l	99
86) p-Isopropyltoluene	13.729	119	125013	18.500	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	69151	18.962	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	69581	18.575	ug/l	99
89) n-Butylbenzene	14.053	91	101273	17.513	ug/l	98
90) Hexachloroethane	14.329	117	26186	20.230	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	65868	18.960	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9392	20.406	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	29703	17.132	ug/l	98
94) Hexachlorobutadiene	15.500	225	14447	16.770	ug/l	97
95) Naphthalene	15.641	128	89746	15.265	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	29528	17.045	ug/l	99

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ClientSampleId :
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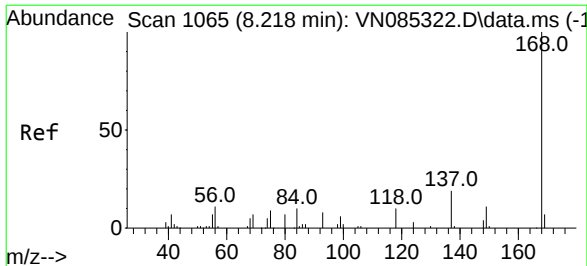
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration

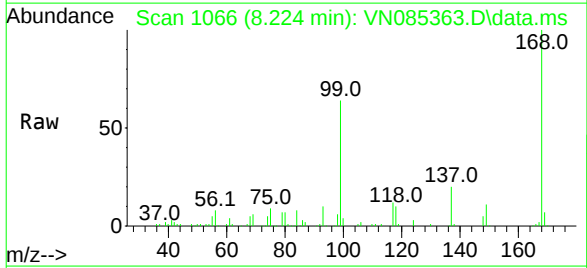
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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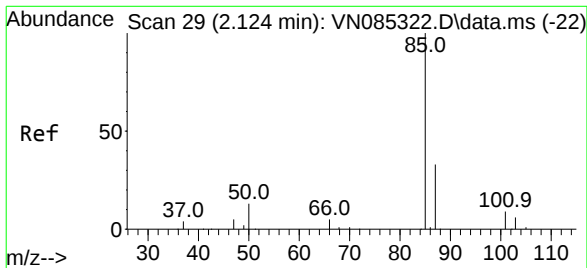
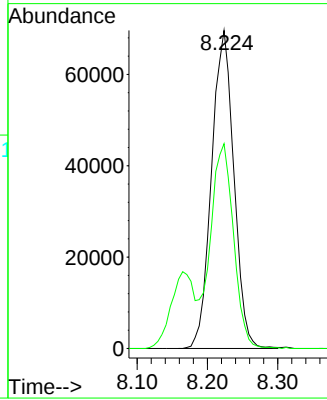
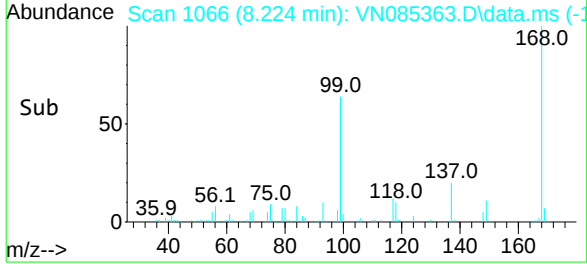
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01



Tgt Ion: 168 Resp: 153712
Ion Ratio Lower Upper
168 100
99 64.1 51.0 76.4

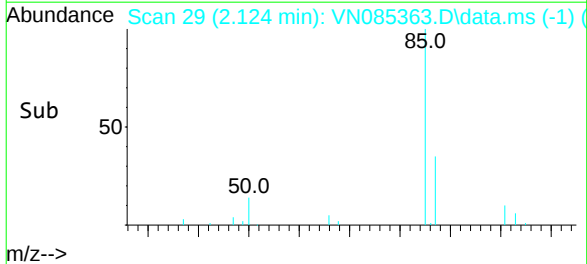
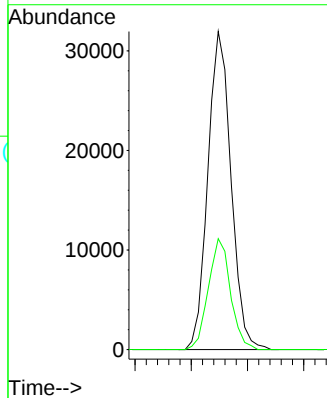
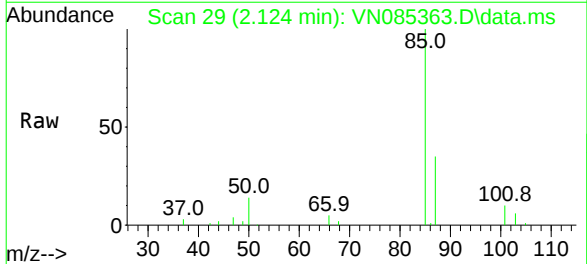
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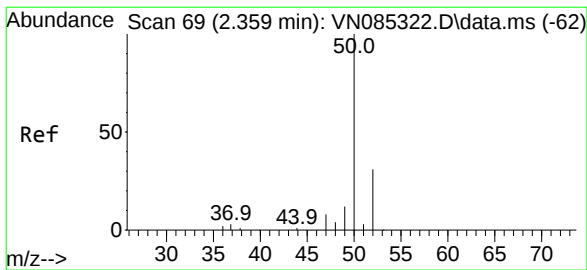
Reviewed By : John Carlone 01/02/2025
Supervised By : Mahesh Dadoda 01/02/2025



#2
Dichlorodifluoromethane
Concen: 22.034 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion: 85 Resp: 45805
Ion Ratio Lower Upper
85 100
87 34.9 16.8 50.3





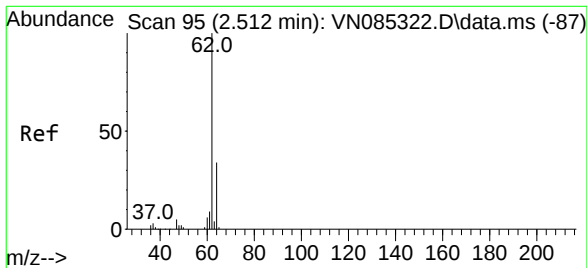
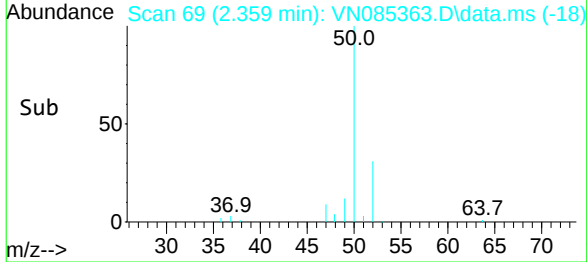
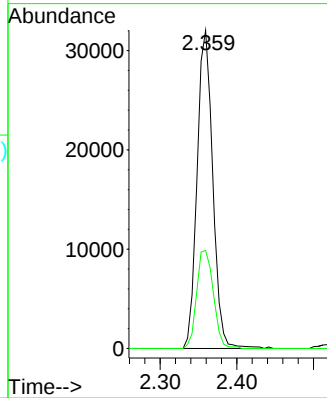
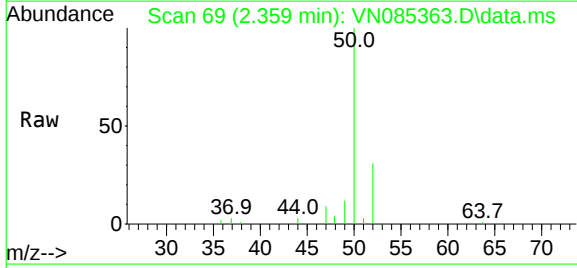
#3
Chloromethane
Concen: 19.446 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085363.D
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Instrument :
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Tgt Ion: 50 Resp: 45436
Ion Ratio Lower Upper
50 100
52 30.8 25.1 37.7

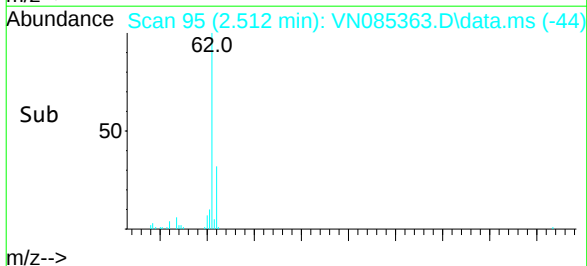
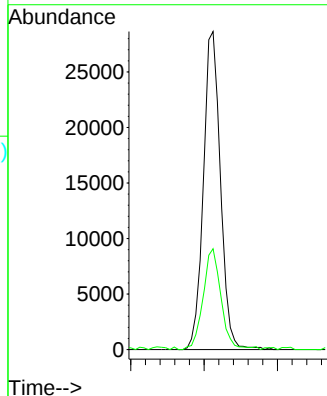
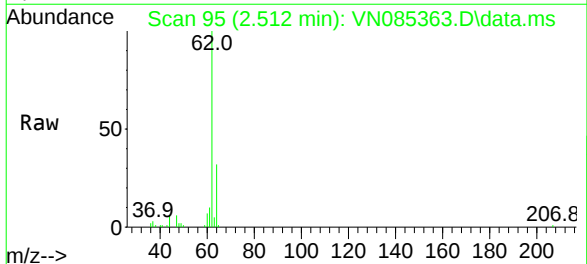
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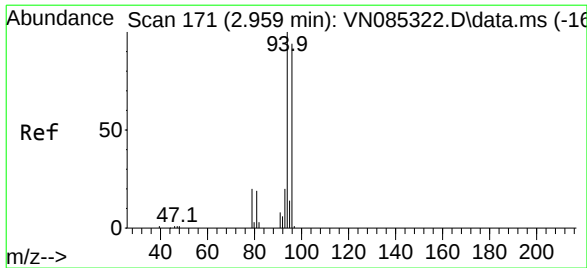
Reviewed By :John Carlone 01/02/2025
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#4
Vinyl Chloride
Concen: 18.765 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

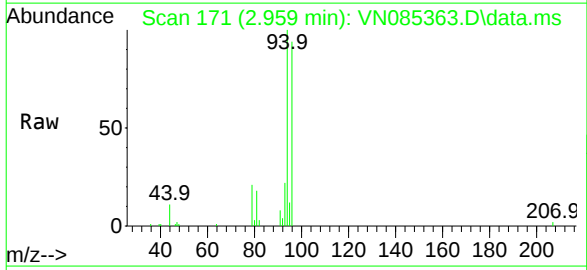
Tgt Ion: 62 Resp: 46368
Ion Ratio Lower Upper
62 100
64 31.7 27.0 40.6





#5
Bromomethane
Concen: 17.360 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

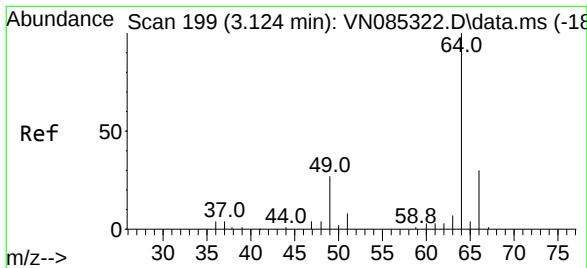
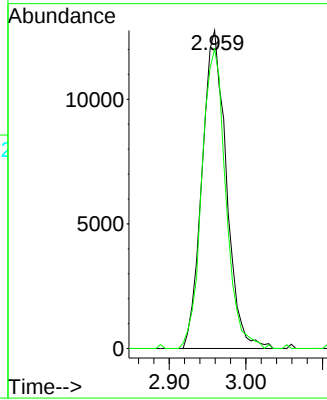
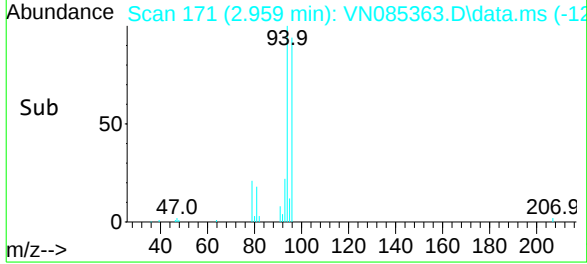
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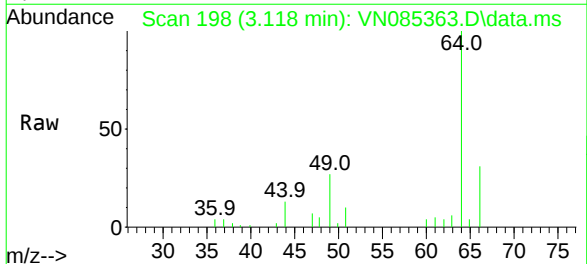
Tgt Ion: 94 Resp: 28054
Ion Ratio Lower Upper
94 100
96 94.1 75.2 112.8

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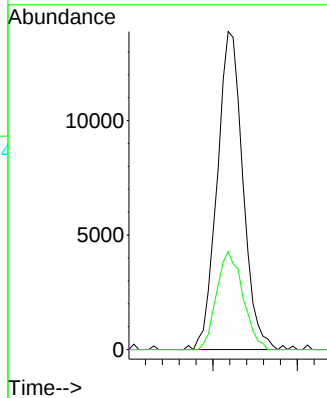
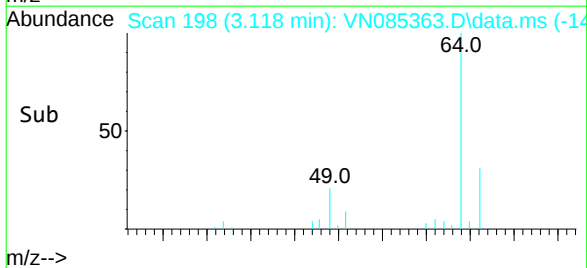
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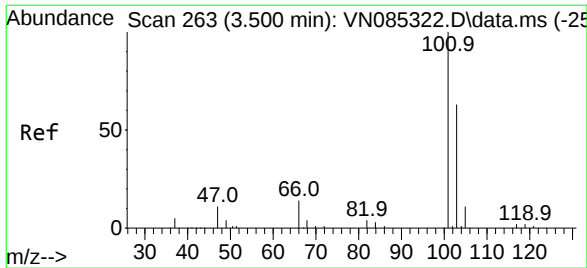


#6
Chloroethane
Concen: 18.772 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085363.D
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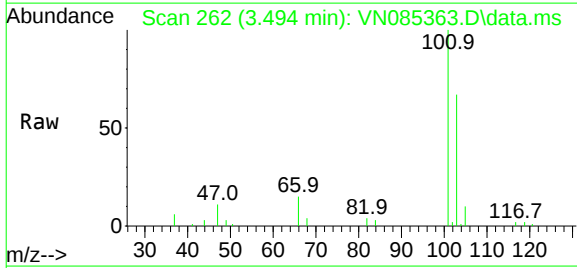
Tgt Ion: 64 Resp: 29417
Ion Ratio Lower Upper
64 100
66 30.8 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 19.709 ug/l
 RT: 3.494 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085363.D
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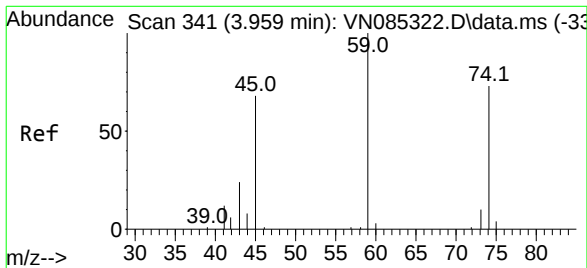
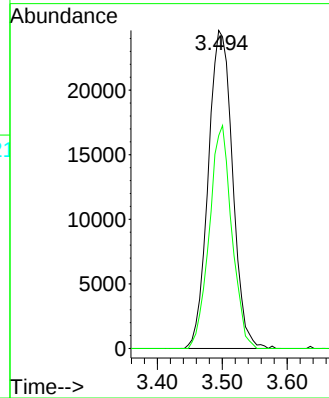
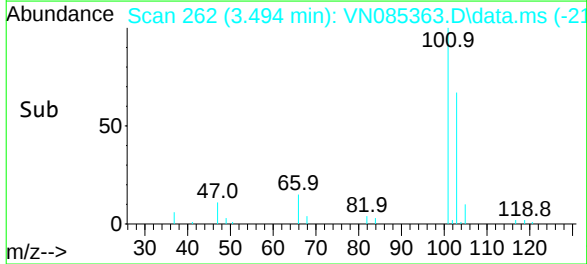
Instrument :
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Tgt Ion:101 Resp: 64018
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.3 75.5

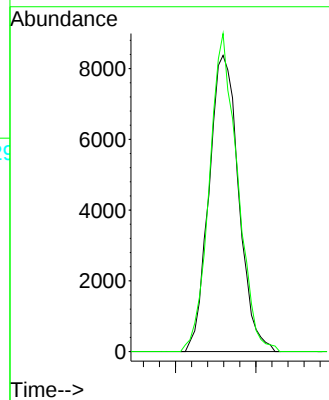
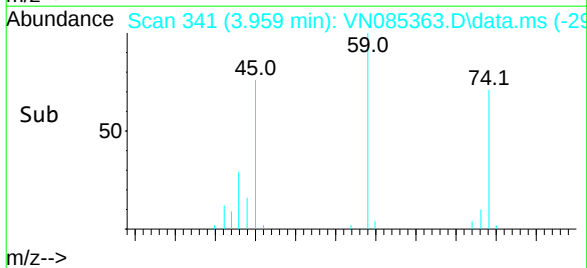
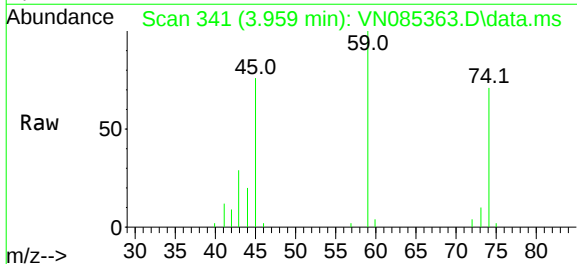
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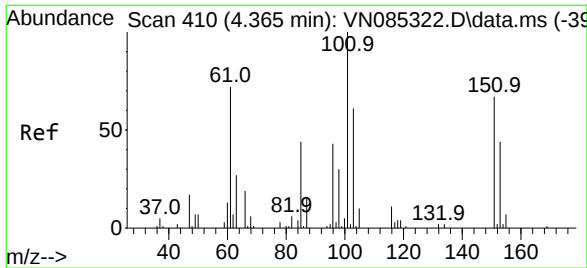
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#8
 Diethyl Ether
 Concen: 19.985 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085363.D
 Acq: 31 Dec 2024 10:43

Tgt Ion: 74 Resp: 21494
 Ion Ratio Lower Upper
 74 100
 45 102.1 47.5 142.6





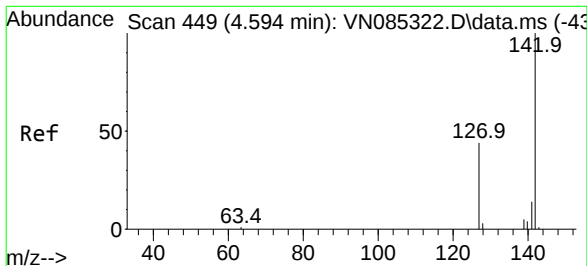
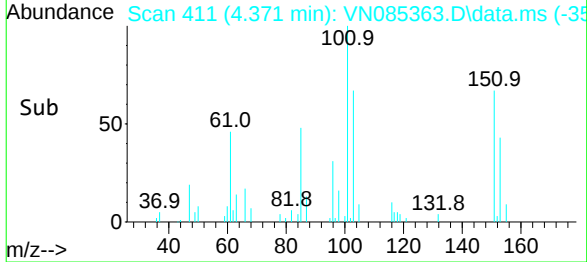
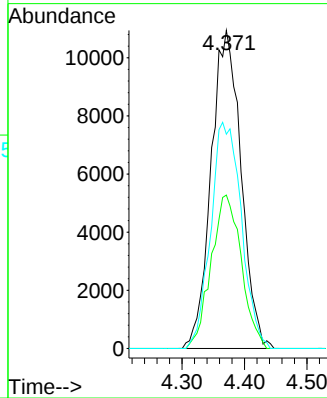
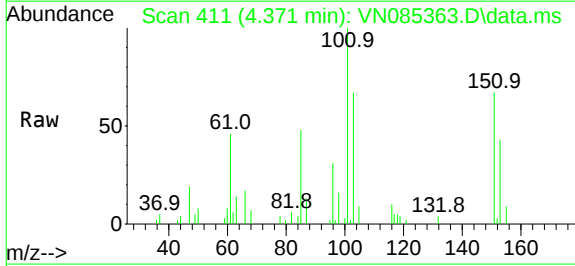
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.664 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion:101 Resp: 36345
Ion Ratio Lower Upper
101 100
85 48.7 36.2 54.4
151 73.0 55.8 83.6

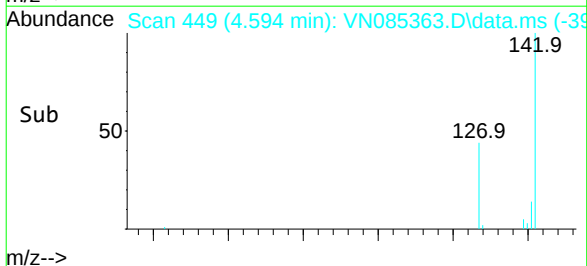
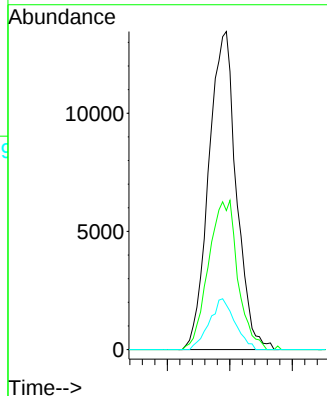
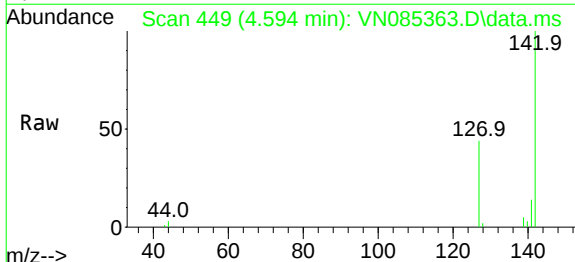
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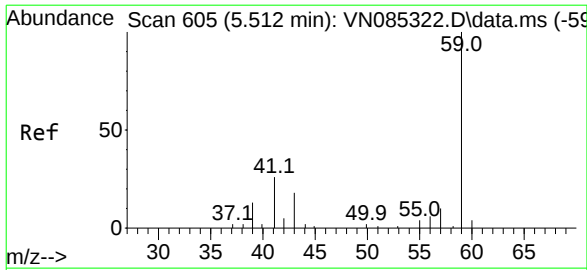
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#10
Methyl Iodide
Concen: 19.335 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion:142 Resp: 41355
Ion Ratio Lower Upper
142 100
127 43.7 35.3 52.9
141 14.0 11.5 17.3





#11

Tert butyl alcohol

Concen: 112.953 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN1231WBS01

Tgt Ion: 59 Resp: 31009

Ion Ratio Lower Upper

59 100

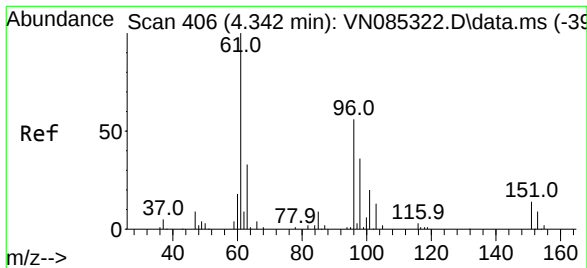
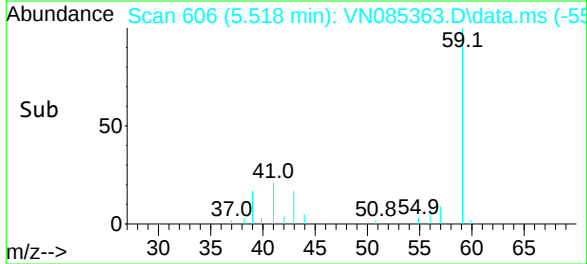
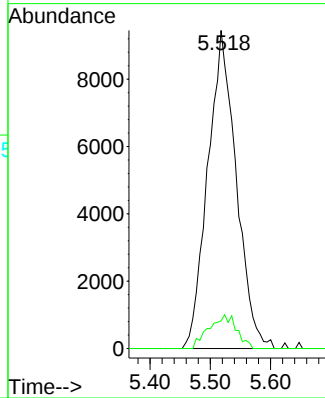
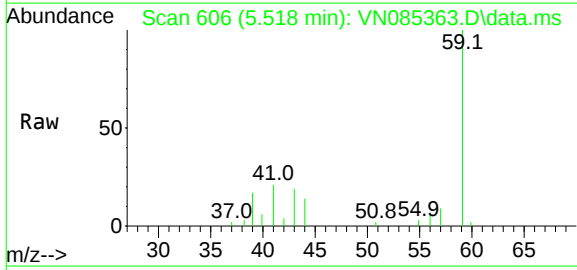
57 10.2 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#12

1,1-Dichloroethene

Concen: 18.984 ug/l

RT: 4.341 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

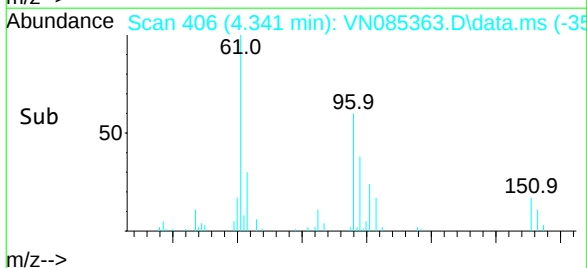
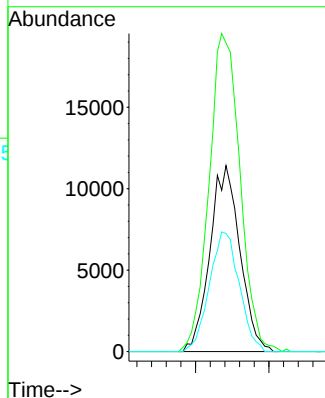
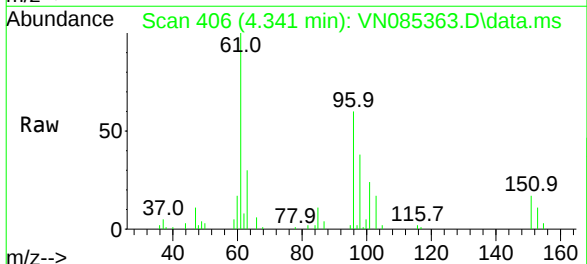
Tgt Ion: 96 Resp: 32427

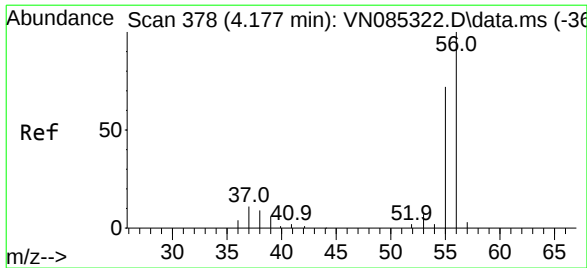
Ion Ratio Lower Upper

96 100

61 165.9 142.4 213.6

98 63.5 51.5 77.3





#13

Acrolein

Concen: 104.467 ug/l

RT: 4.177 min Scan# 37

Delta R.T. -0.000 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN1231WBS01

Tgt Ion: 56 Resp: 44713

Ion Ratio Lower Upper

56 100

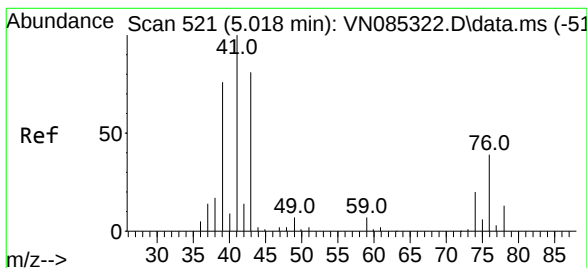
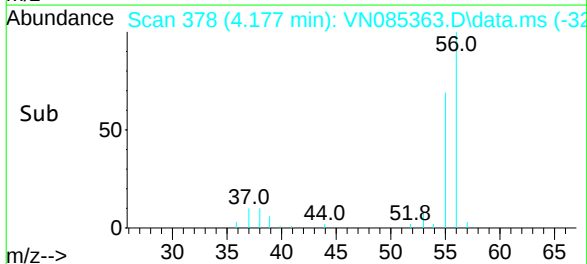
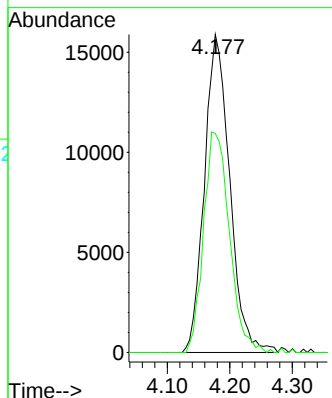
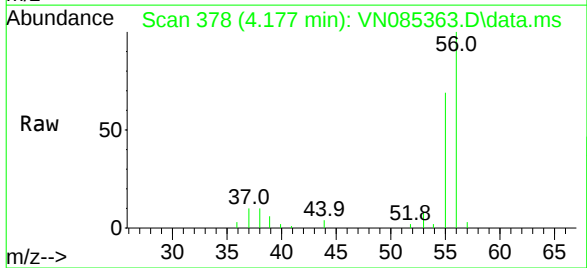
55 70.8 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#14

Allyl chloride

Concen: 18.680 ug/l m

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

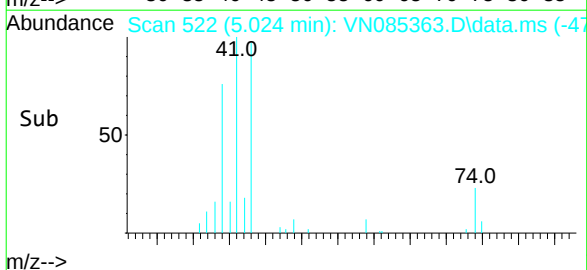
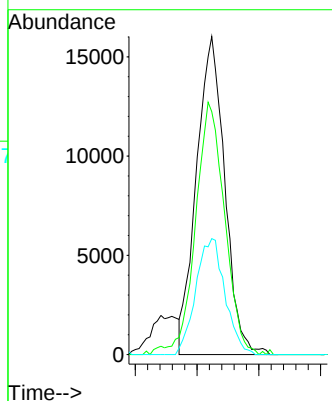
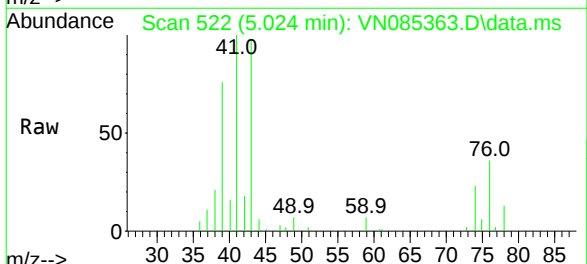
Tgt Ion: 41 Resp: 51067

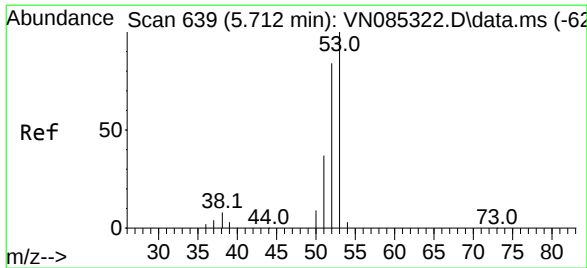
Ion Ratio Lower Upper

41 100

39 80.8 64.4 96.6

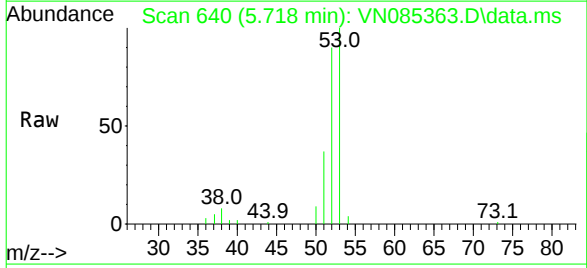
76 37.4 31.5 47.3





#15
Acrylonitrile
Concen: 111.011 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

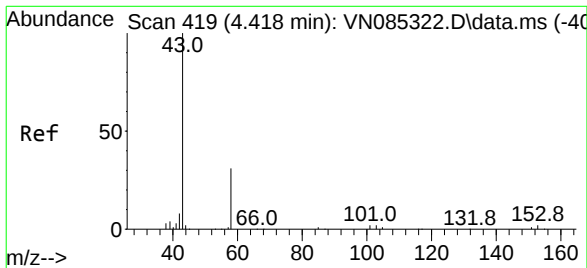
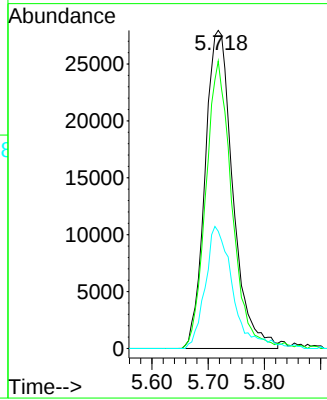
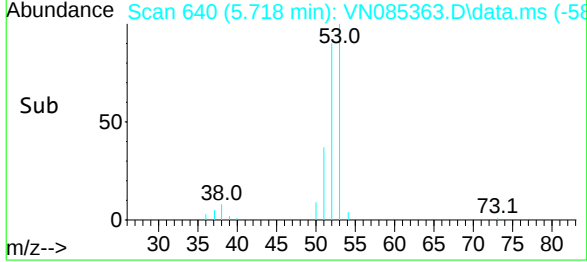
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01



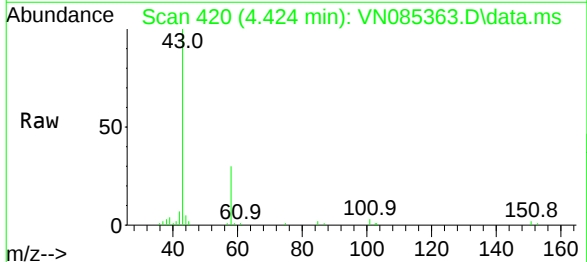
Tgt Ion: 53 Resp: 95919
Ion Ratio Lower Upper
53 100
52 84.3 66.6 100.0
51 38.2 29.6 44.4

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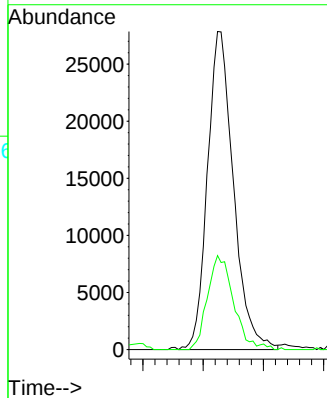
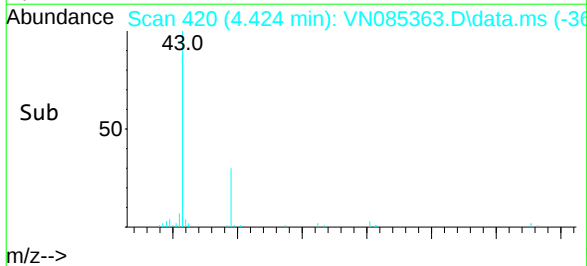
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

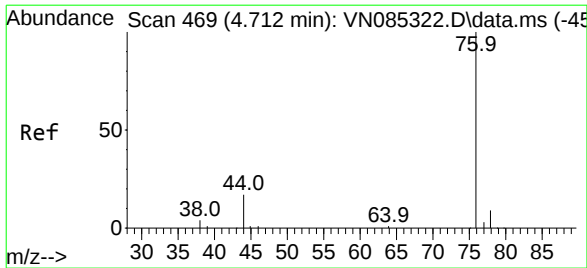


#16
Acetone
Concen: 115.815 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43



Tgt Ion: 43 Resp: 83492
Ion Ratio Lower Upper
43 100
58 29.5 24.5 36.7





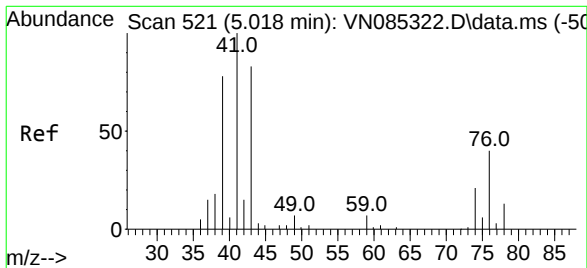
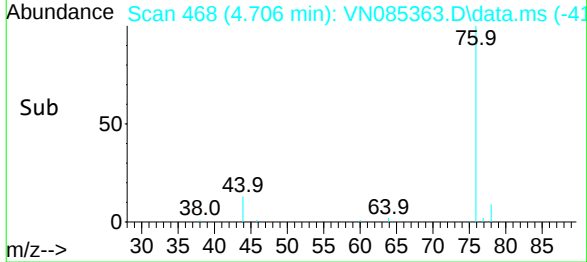
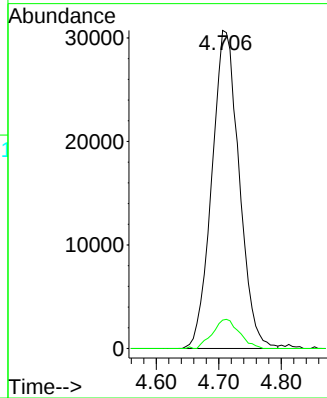
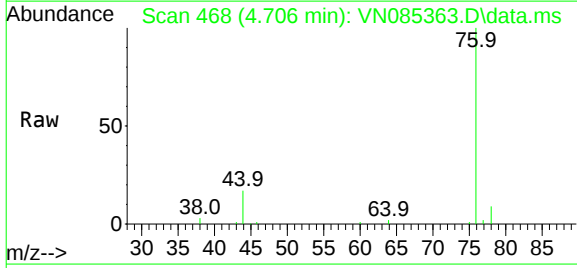
#17
Carbon Disulfide
Concen: 17.982 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion: 76 Resp: 93443
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

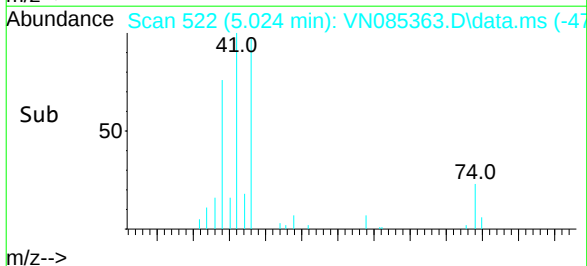
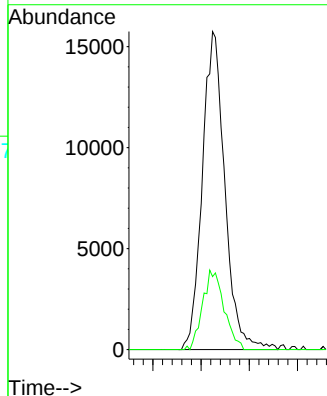
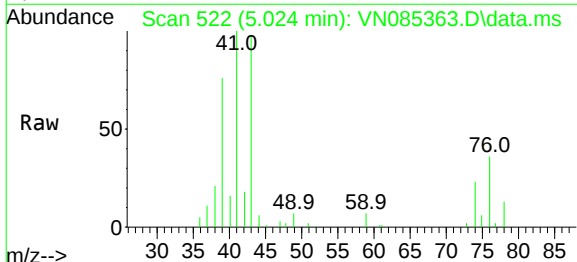
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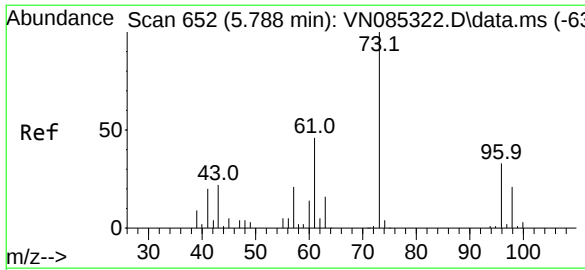
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#18
Methyl Acetate
Concen: 23.167 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion: 43 Resp: 51133
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.6





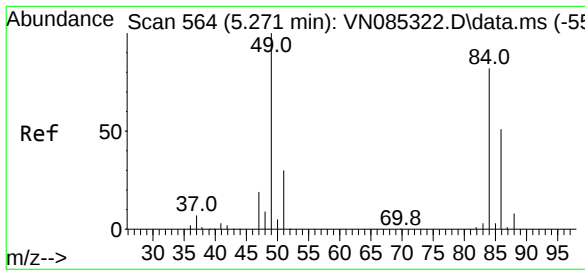
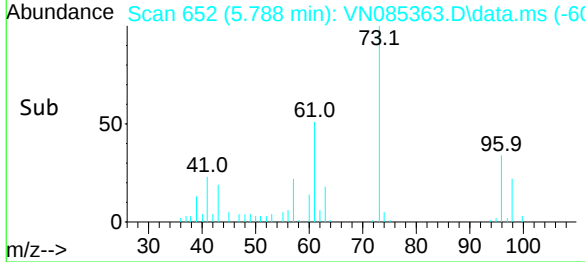
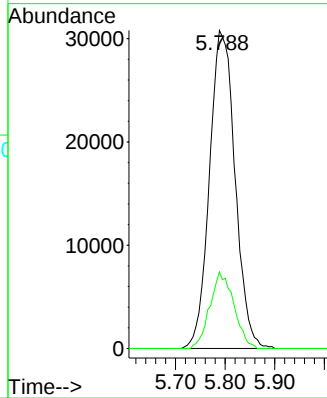
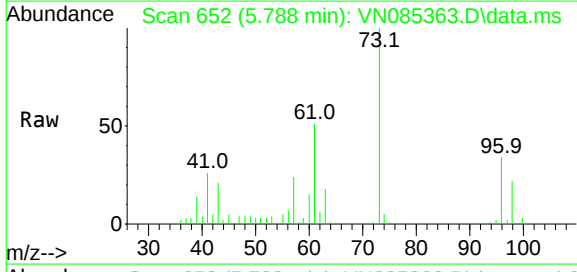
#19
Methyl tert-butyl Ether
Concen: 19.813 ug/l
RT: 5.788 min Scan# 65
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion: 73 Resp: 110003
Ion Ratio Lower Upper
73 100
57 24.1 17.0 25.6

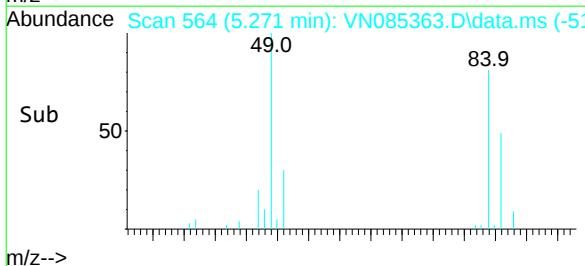
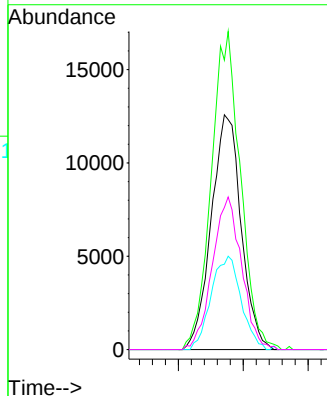
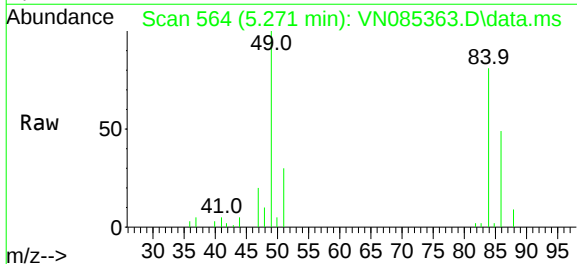
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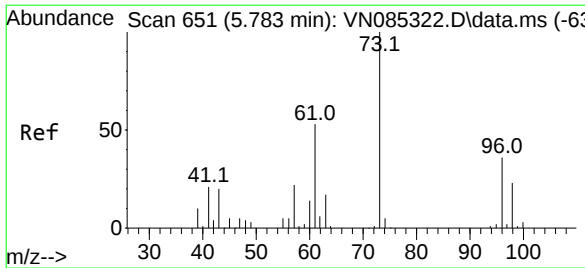
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#20
Methylene Chloride
Concen: 20.753 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

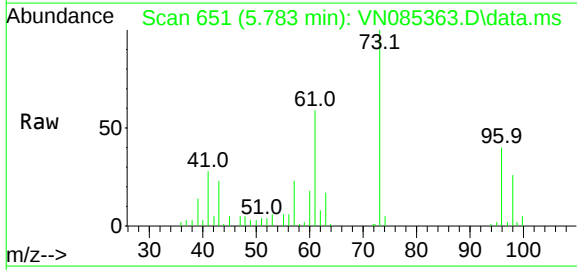
Tgt Ion: 84 Resp: 40241
Ion Ratio Lower Upper
84 100
49 123.3 97.6 146.4
51 36.4 29.1 43.7
86 60.6 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 19.548 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

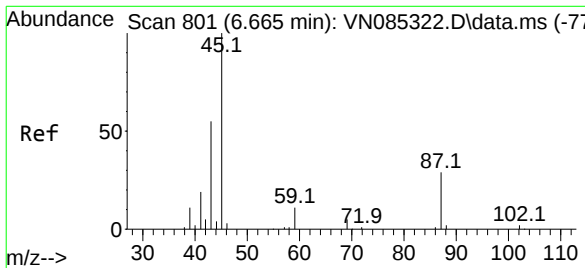
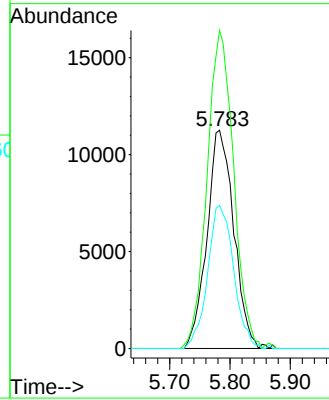
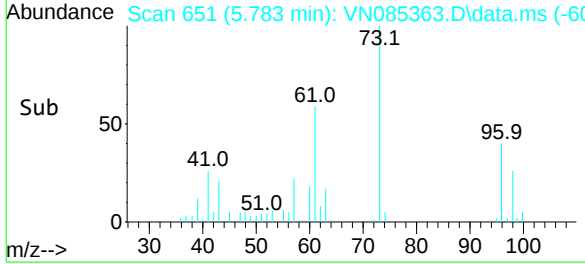
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01



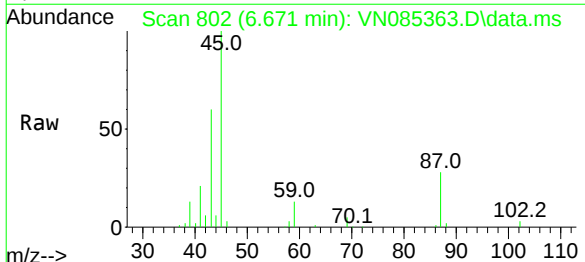
Tgt Ion: 96 Resp: 34881
Ion Ratio Lower Upper
96 100
61 145.7 118.0 177.0
98 65.6 50.6 75.8

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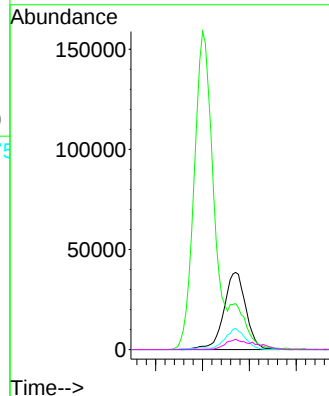
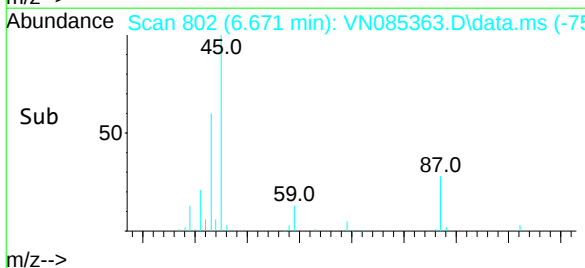
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

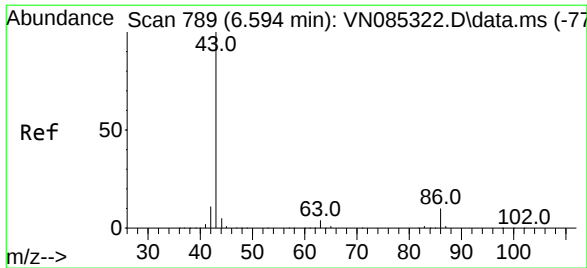


#22
Diisopropyl ether
Concen: 21.348 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43



Tgt Ion: 45 Resp: 125766
Ion Ratio Lower Upper
45 100
43 58.1 44.1 66.1
87 27.6 23.2 34.8
59 13.4 9.0 13.6





#23

Vinyl Acetate

Concen: 105.098 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN1231WBS01

Tgt Ion: 43 Resp: 447900

Ion Ratio Lower Upper

43 100

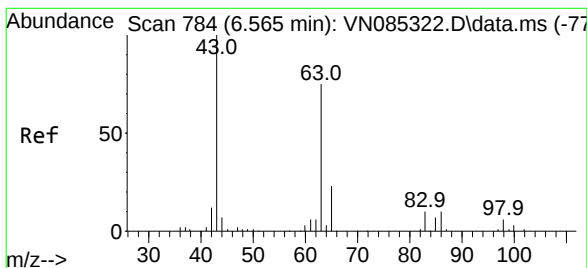
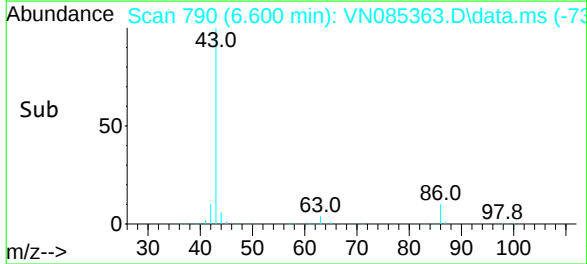
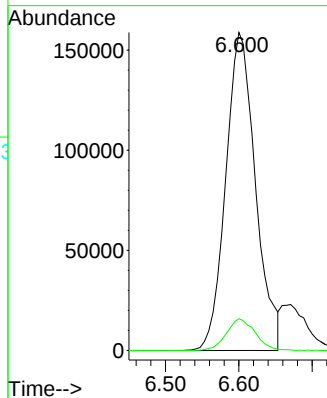
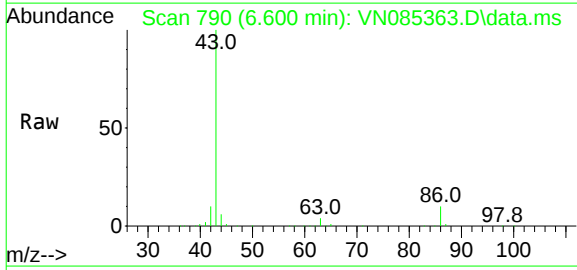
86 10.0 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#24

1,1-Dichloroethane

Concen: 20.504 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

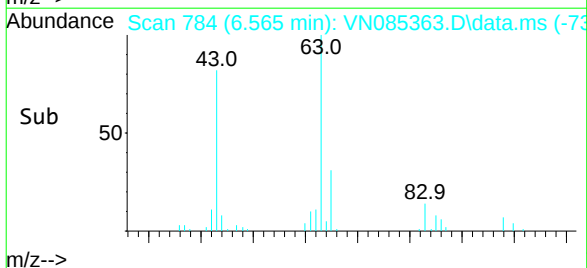
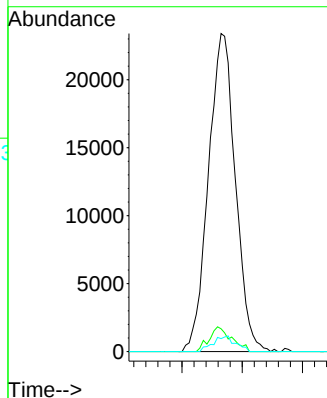
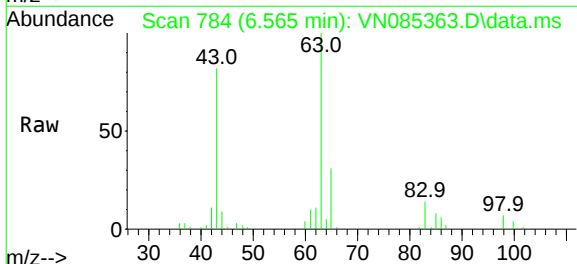
Tgt Ion: 63 Resp: 72764

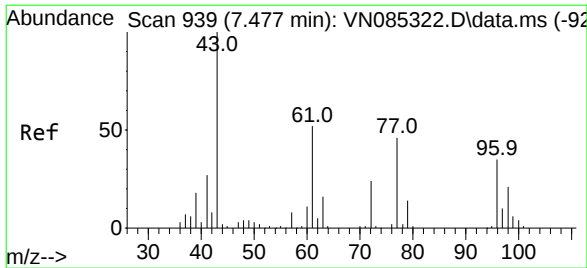
Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

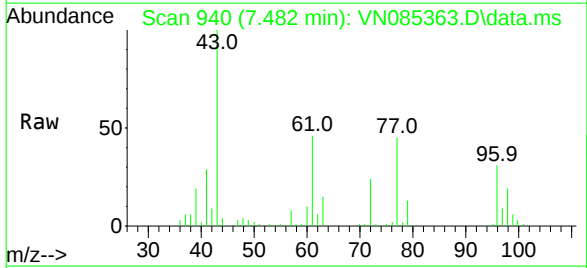
100 4.1 2.3 6.8





#25
2-Butanone
Concen: 114.446 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

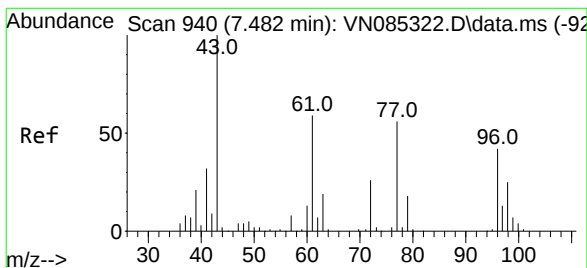
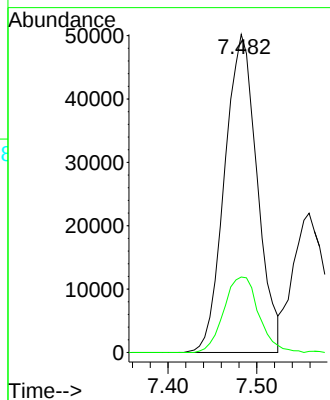
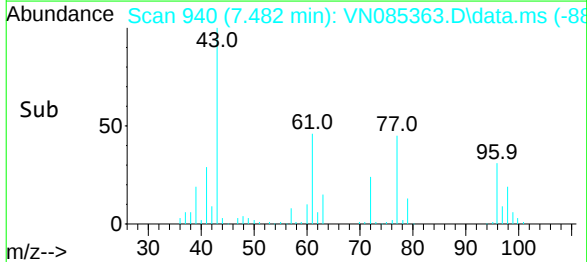
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01



Tgt Ion: 43 Resp: 127999
Ion Ratio Lower Upper
43 100
72 23.7 19.6 29.4

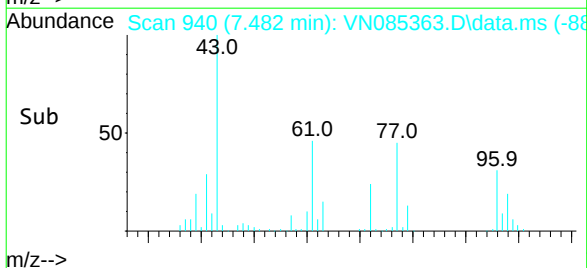
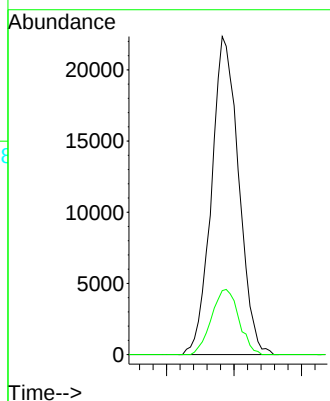
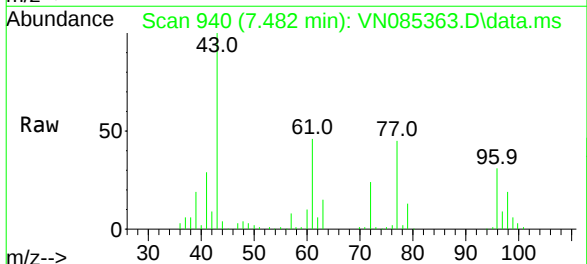
Manual Integrations
APPROVED

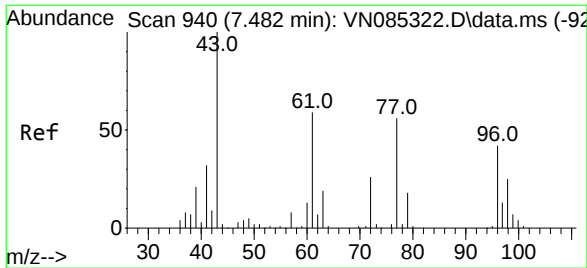
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#26
2,2-Dichloropropane
Concen: 20.141 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion: 77 Resp: 62621
Ion Ratio Lower Upper
77 100
97 20.6 10.6 31.8





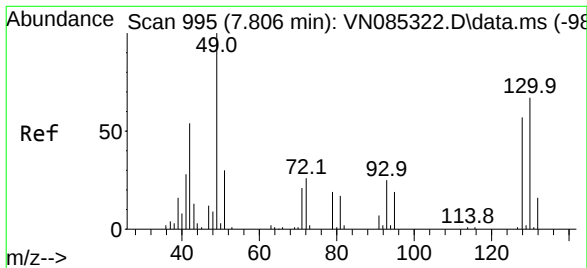
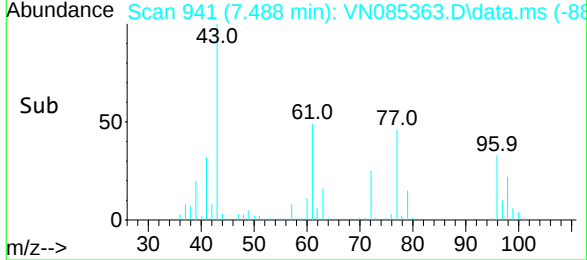
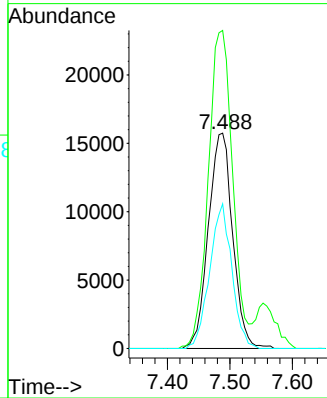
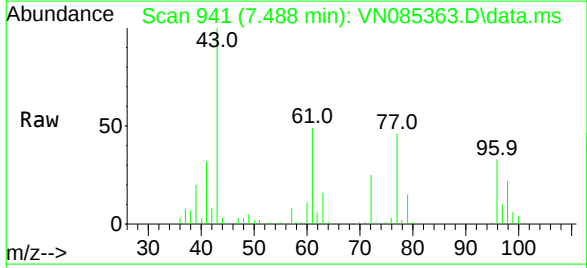
#27
cis-1,2-Dichloroethene
Concen: 20.306 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion: 96 Resp: 42527
Ion Ratio Lower Upper
96 100
61 147.3 0.0 296.4
98 61.3 0.0 124.2

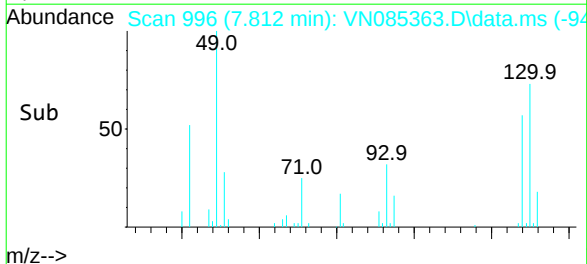
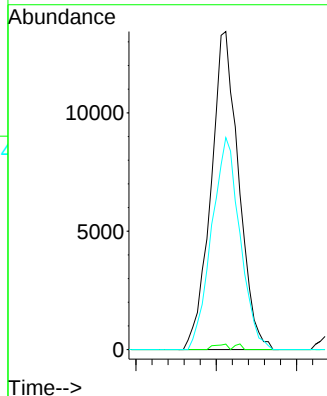
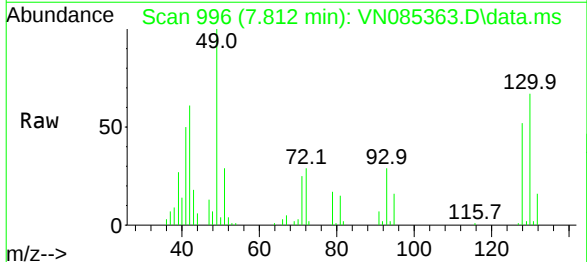
Manual Integrations
APPROVED

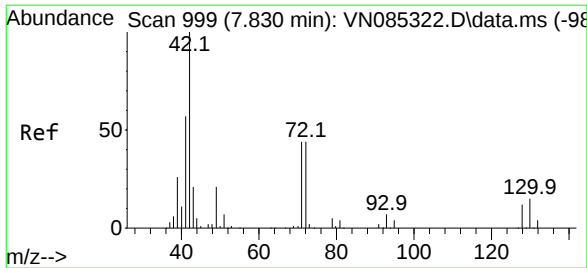
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#28
Bromochloromethane
Concen: 19.577 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion: 49 Resp: 32285
Ion Ratio Lower Upper
49 100
129 0.8 0.0 2.0
130 68.2 0.0 0.0#





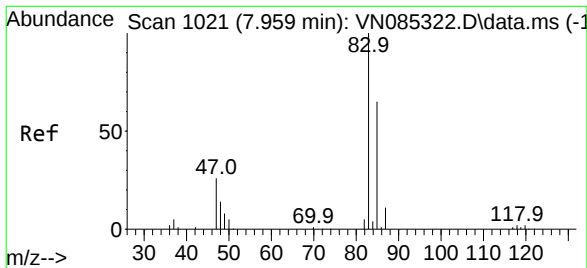
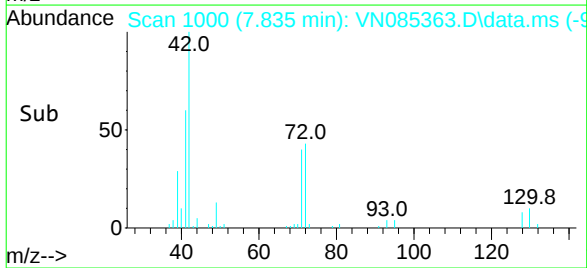
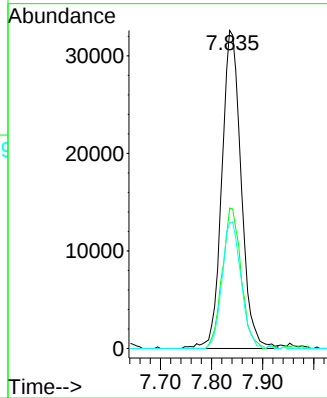
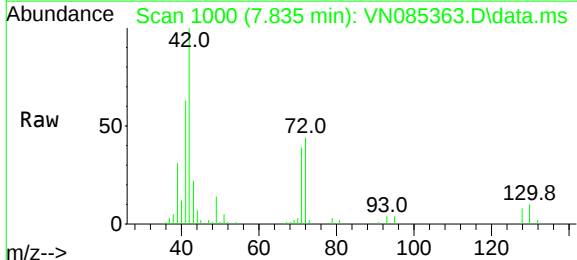
#29
Tetrahydrofuran
Concen: 119.026 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion: 42 Resp: 85750
Ion Ratio Lower Upper
42 100
72 42.7 35.1 52.7
71 39.3 33.4 50.0

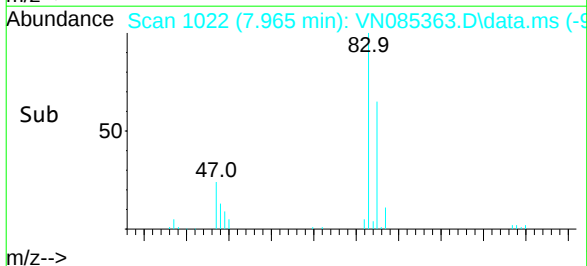
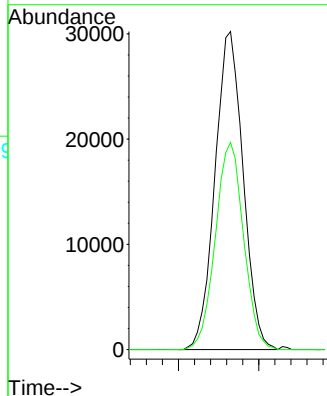
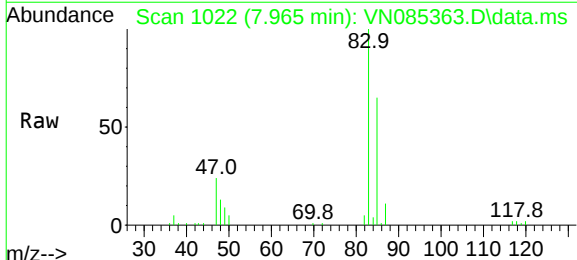
Manual Integrations
APPROVED

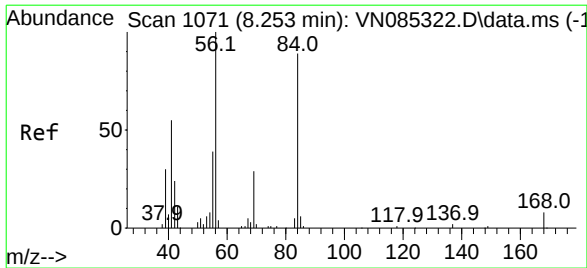
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#30
Chloroform
Concen: 20.271 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion: 83 Resp: 73595
Ion Ratio Lower Upper
83 100
85 65.1 52.0 78.0





#31

Cyclohexane

Concen: 18.692 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN1231WBS01

Tgt Ion: 56 Resp: 60571

Ion Ratio Lower Upper

56 100

69 30.1 23.4 35.0

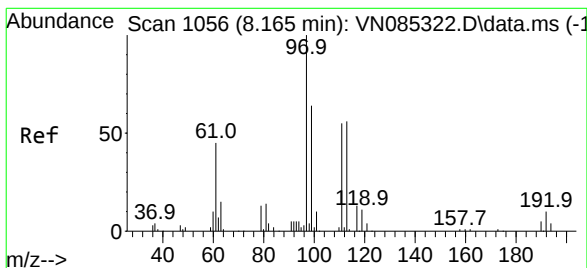
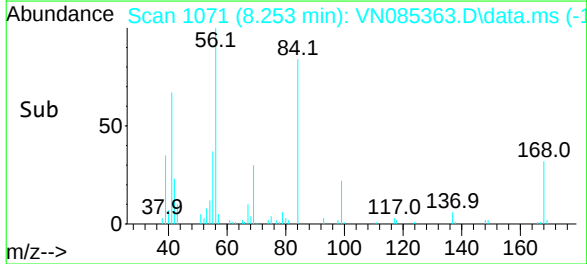
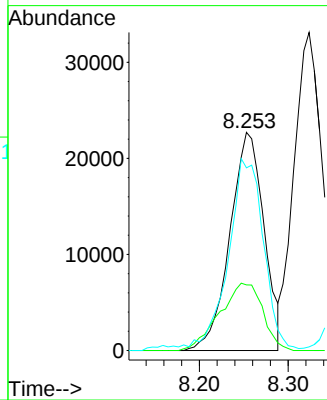
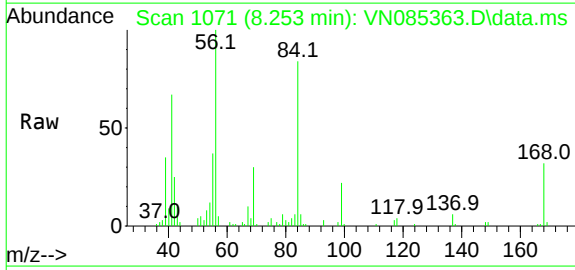
84 82.1 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#32

1,1,1-Trichloroethane

Concen: 19.751 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

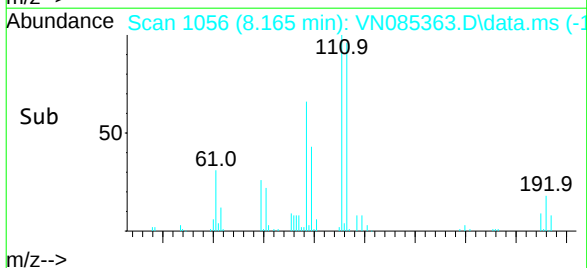
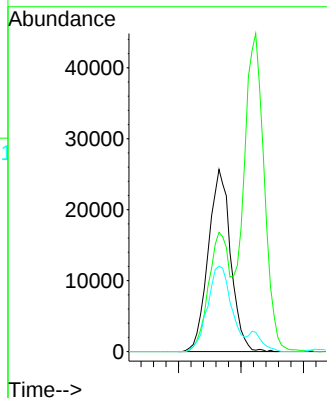
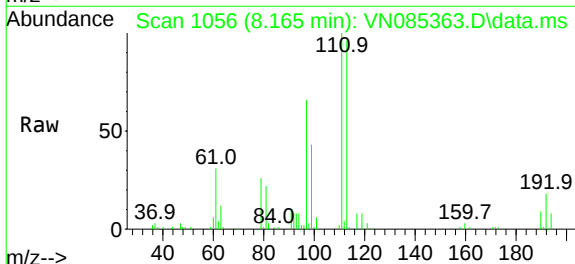
Tgt Ion: 97 Resp: 64040

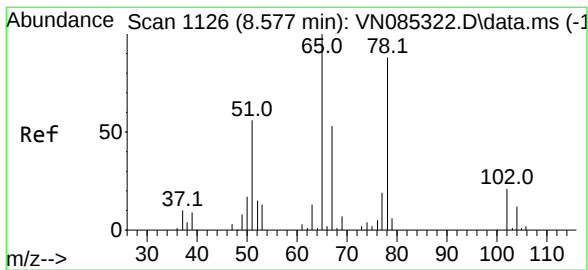
Ion Ratio Lower Upper

97 100

99 57.9 53.3 79.9

61 50.1 39.6 59.4





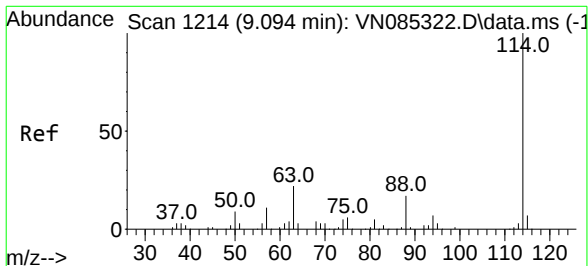
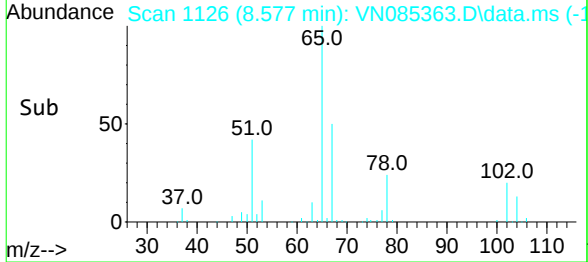
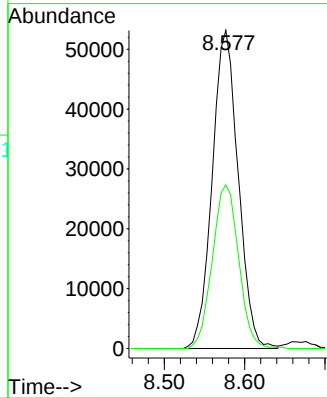
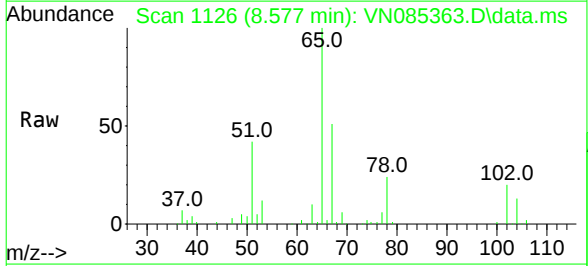
#33
1,2-Dichloroethane-d4
Concen: 54.412 ug/l
RT: 8.577 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion: 65 Resp: 119292
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

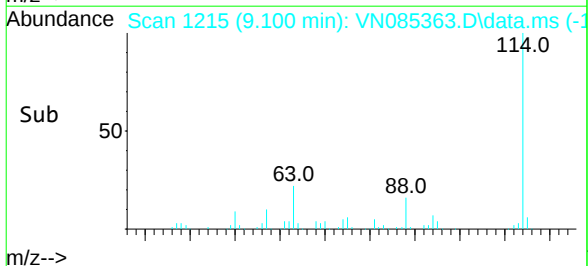
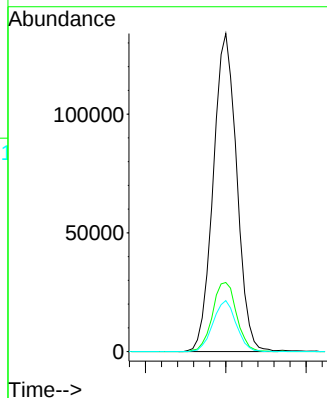
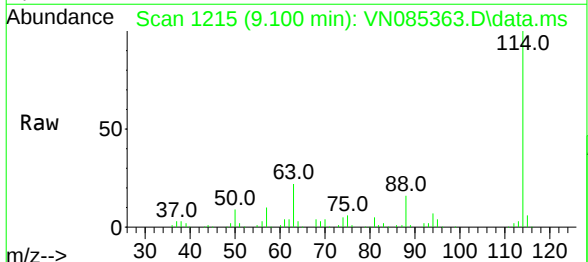
Manual Integrations
APPROVED

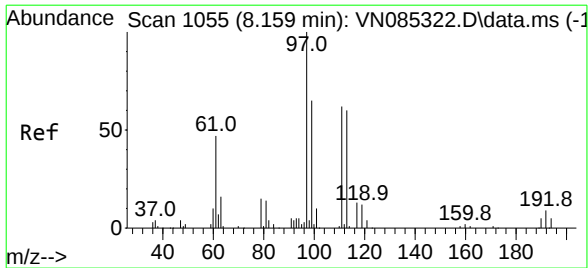
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

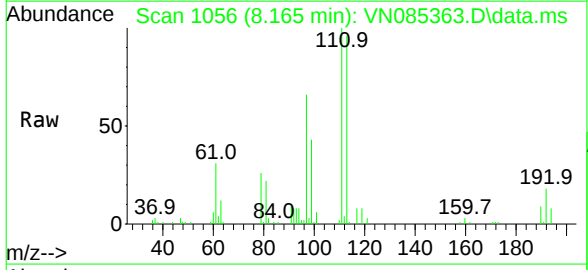
Tgt Ion:114 Resp: 272336
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.4
88 16.0 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 53.211 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085363.D
 Acq: 31 Dec 2024 10:43

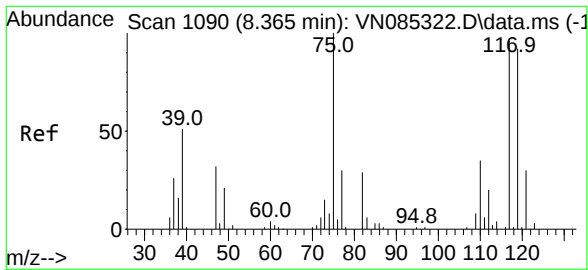
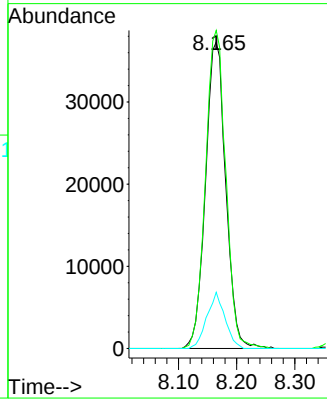
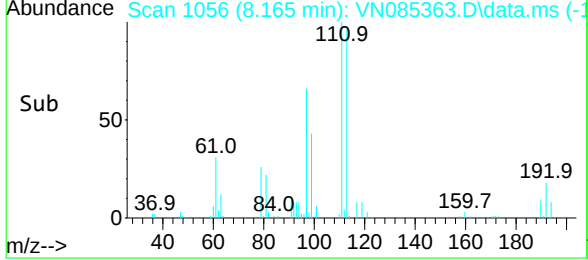
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231WBS01



Tgt Ion:	113	Resp:	90404
Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.5	120.7
192	16.4	12.9	19.3

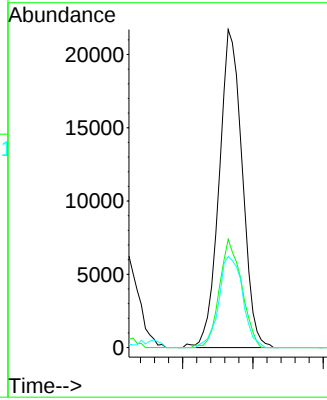
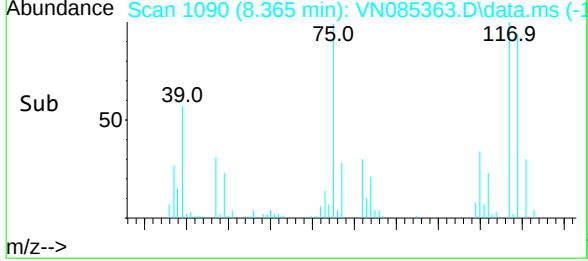
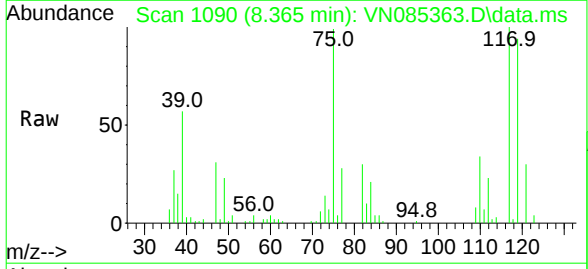
Manual Integrations
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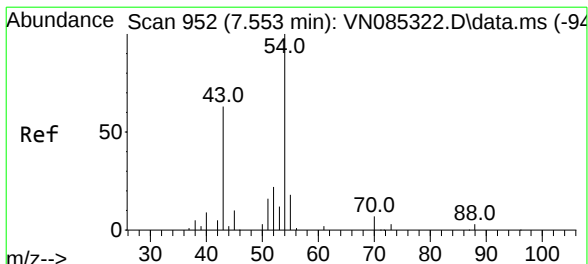
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#36
 1,1-Dichloropropene
 Concen: 19.932 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VN085363.D
 Acq: 31 Dec 2024 10:43

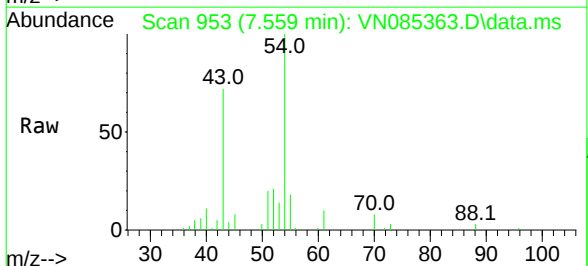
Tgt Ion:	75	Resp:	49583
Ion	Ratio	Lower	Upper
75	100		
110	32.8	16.6	49.8
77	29.6	24.3	36.5





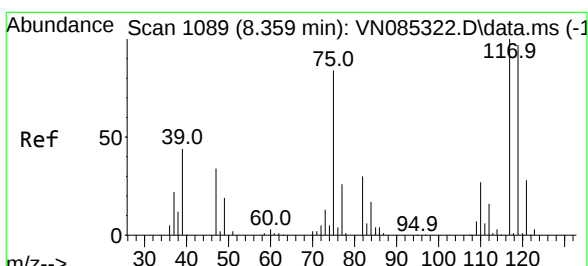
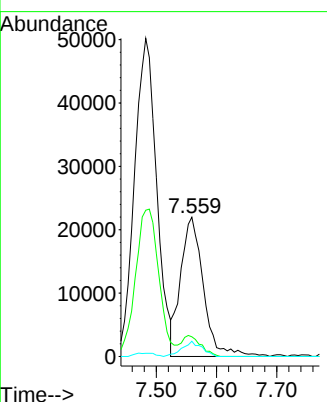
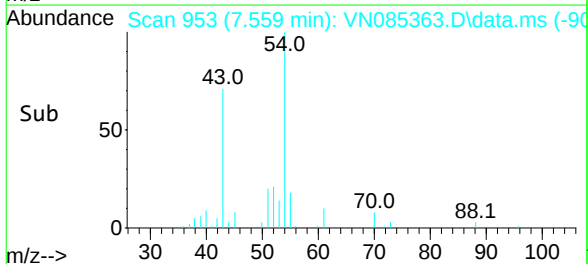
#37
 Ethyl Acetate
 Concen: 23.419 ug/l
 RT: 7.559 min Scan# 95
 Delta R.T. 0.006 min
 Lab File: VN085363.D
 Acq: 31 Dec 2024 10:43

Instrument : MSVOA_N
 ClientSampleId : VN1231WBS01

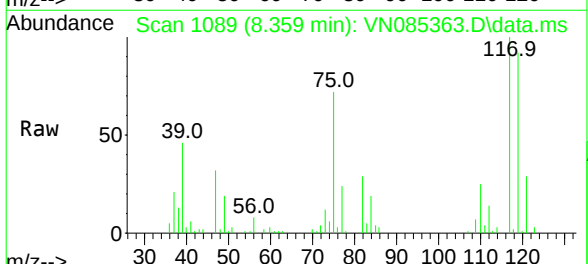


Tgt Ion:	43	Resp:	57905
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.4	15.6
70	9.3	8.2	12.2

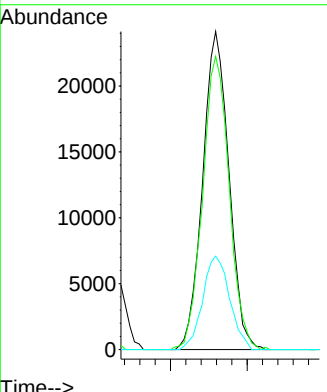
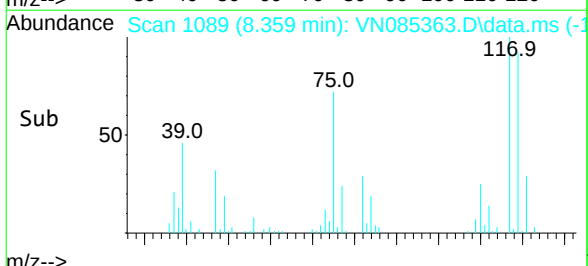
Manual Integrations
APPROVED
 Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025

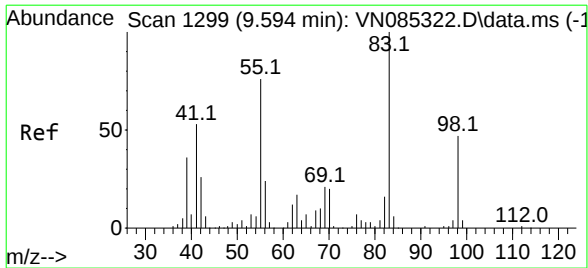


#38
 Carbon Tetrachloride
 Concen: 21.131 ug/l
 RT: 8.359 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: VN085363.D
 Acq: 31 Dec 2024 10:43



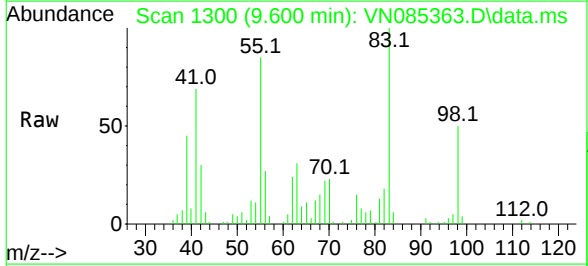
Tgt Ion:	117	Resp:	57297
Ion	Ratio	Lower	Upper
117	100		
119	92.2	77.8	116.6
121	29.4	22.5	33.7





#39
Methylcyclohexane
Concen: 18.397 ug/l
RT: 9.600 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

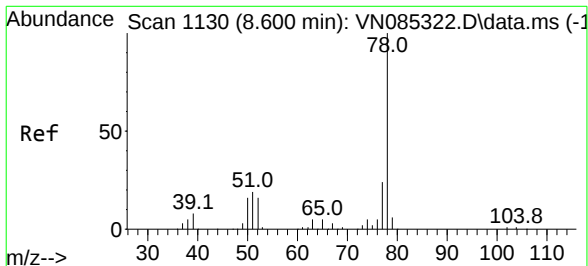
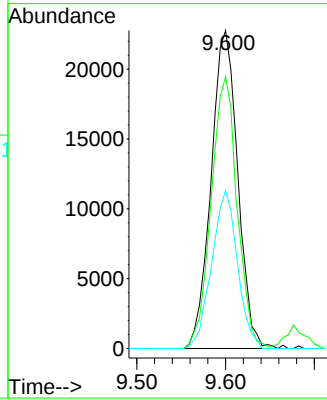
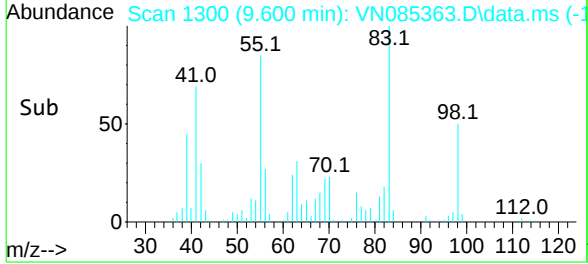
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01



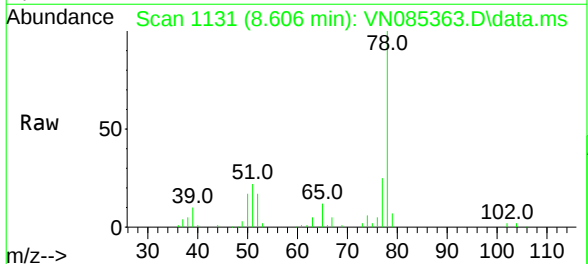
Tgt Ion: 83 Resp: 47483
Ion Ratio Lower Upper
83 100
55 85.4 60.7 91.1
98 49.7 37.7 56.5

Manual Integrations
APPROVED

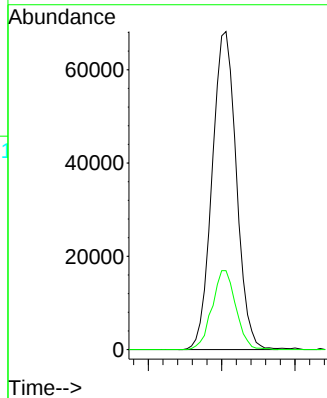
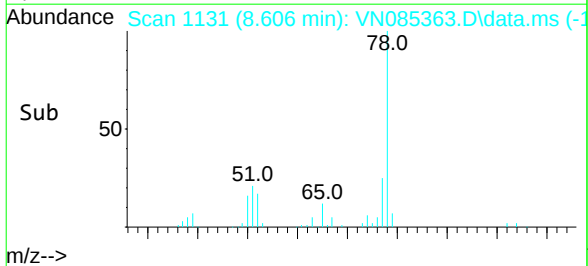
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

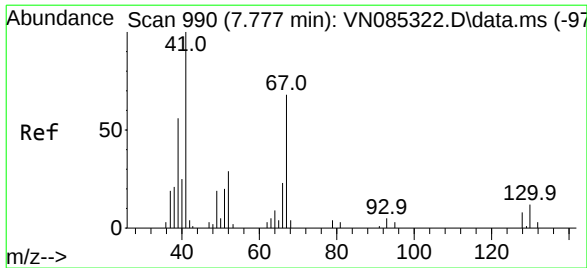


#40
Benzene
Concen: 20.828 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43



Tgt Ion: 78 Resp: 156645
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.4





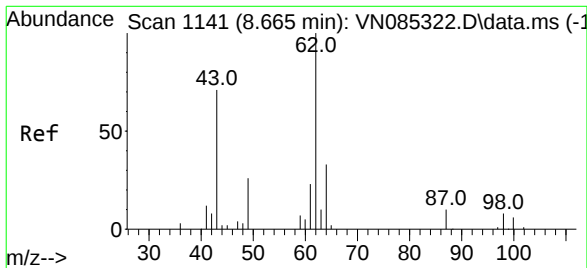
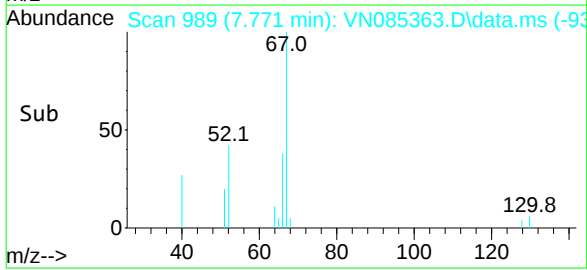
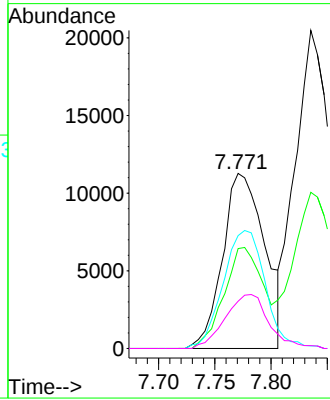
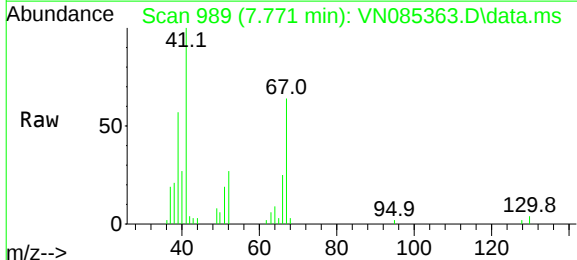
#41
Methacrylonitrile
Concen: 23.186 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion:	41	Resp:	29360
Ion	Ratio	Lower	Upper
41	100		
39	53.0	45.8	68.8
67	67.3	57.1	85.7
52	32.1	25.1	37.7

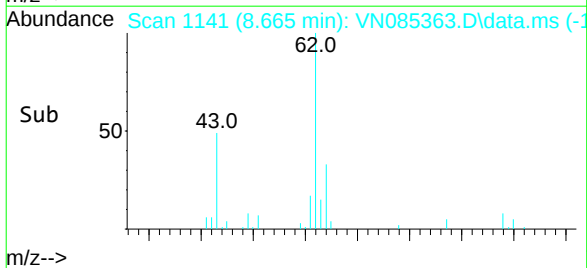
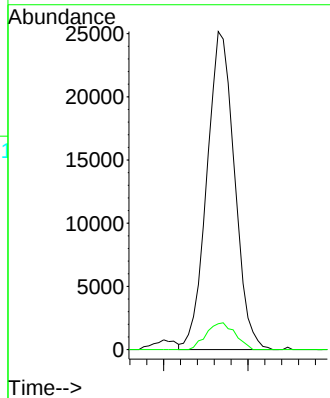
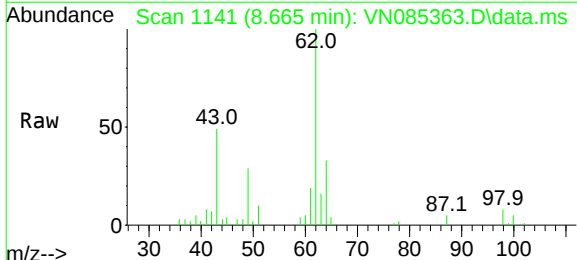
Manual Integrations
APPROVED

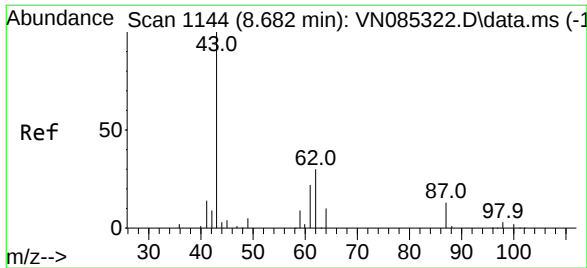
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#42
1,2-Dichloroethane
Concen: 21.262 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion:	62	Resp:	57334
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6





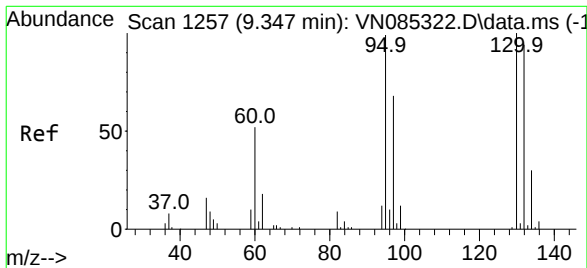
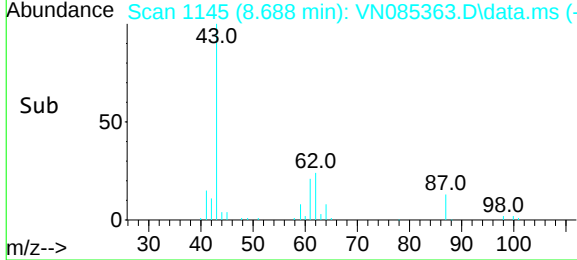
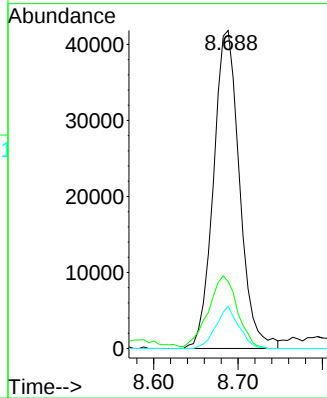
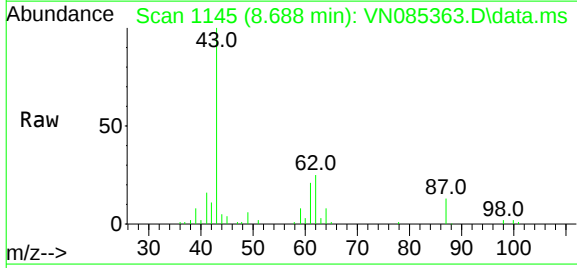
#43
Isopropyl Acetate
Concen: 22.086 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion: 43 Resp: 89915
Ion Ratio Lower Upper
43 100
61 25.5 20.8 31.2
87 11.6 10.2 15.4

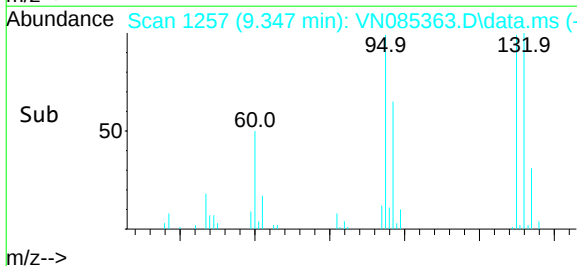
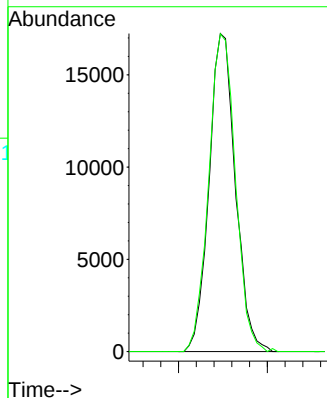
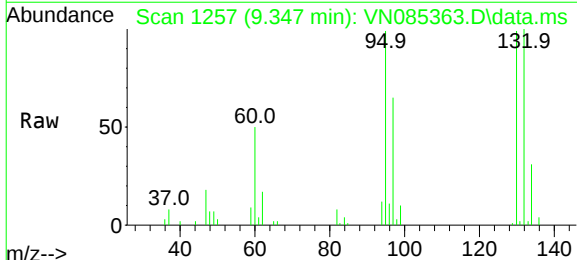
Manual Integrations
APPROVED

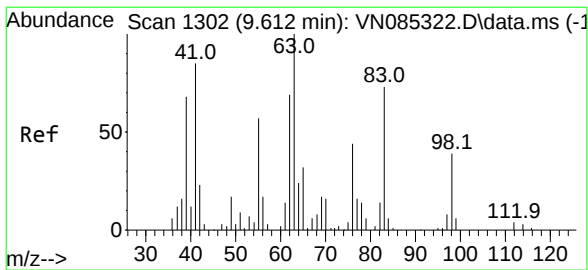
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#44
Trichloroethene
Concen: 19.926 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion:130 Resp: 35480
Ion Ratio Lower Upper
130 100
95 99.9 0.0 197.8





#45

1,2-Dichloropropane

Concen: 20.619 ug/l

RT: 9.618 min Scan# 13

Delta R.T. 0.006 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN1231WBS01

Tgt Ion: 63 Resp: 39367

Ion Ratio Lower Upper

63 100

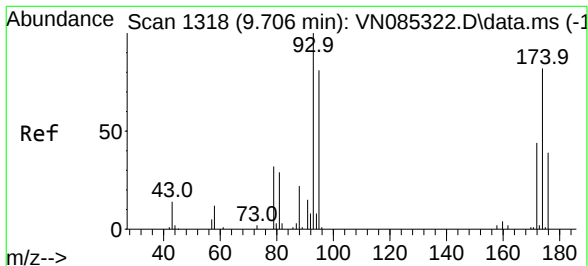
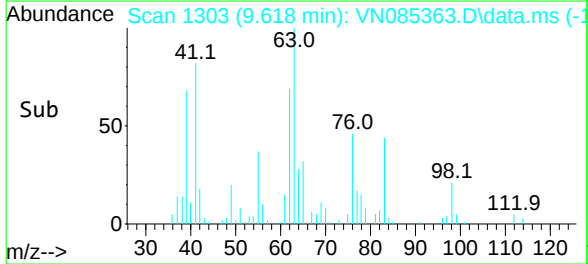
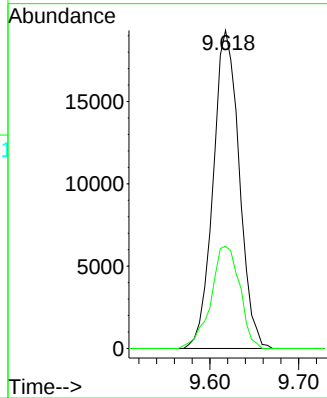
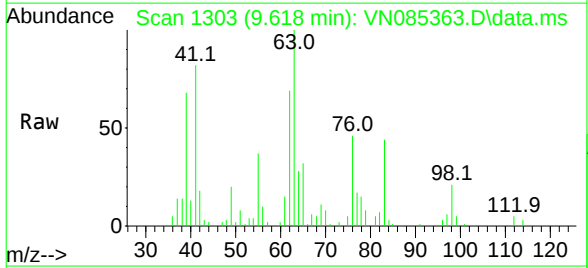
65 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#46

Dibromomethane

Concen: 20.567 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

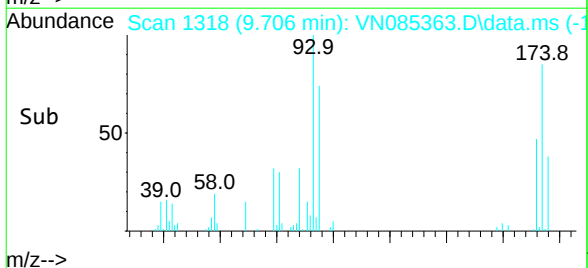
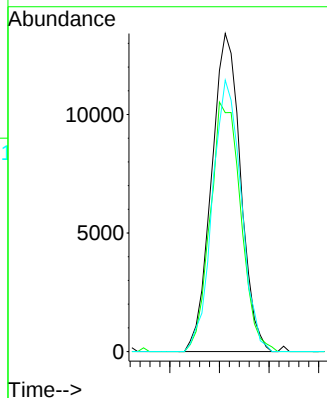
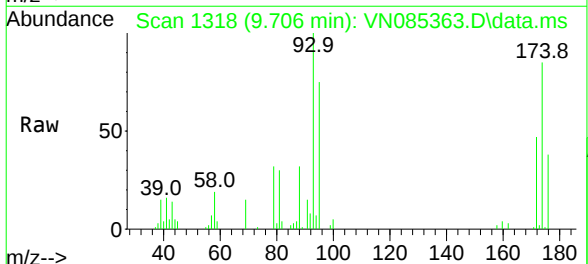
Tgt Ion: 93 Resp: 27310

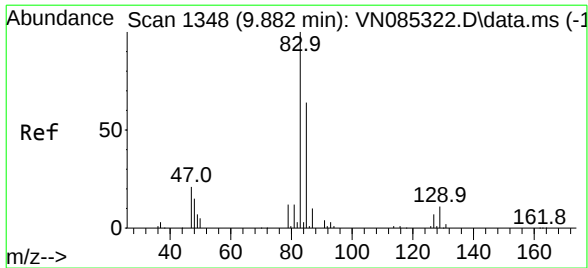
Ion Ratio Lower Upper

93 100

95 82.3 65.3 97.9

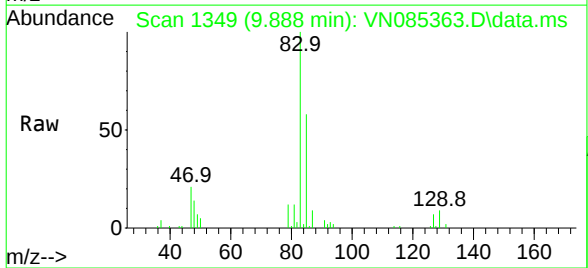
174 84.5 66.4 99.6





#47
Bromodichloromethane
Concen: 21.259 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

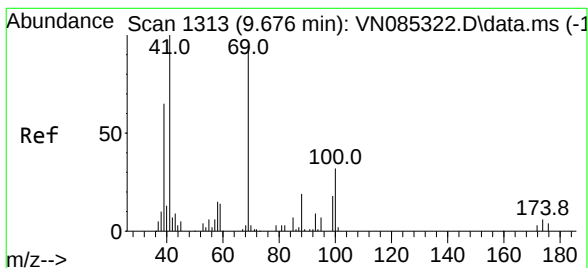
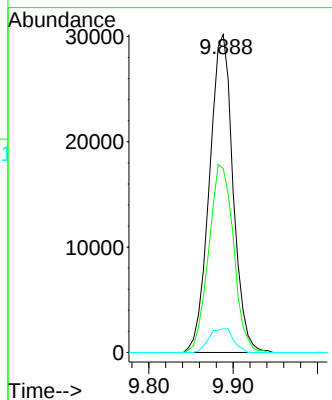
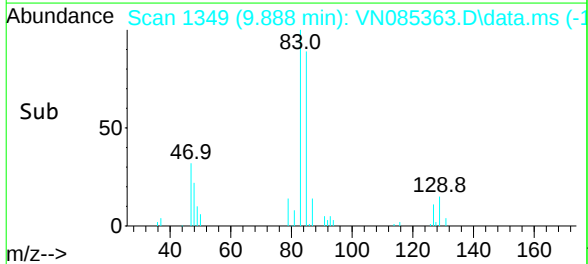
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01



Tgt Ion: 83 Resp: 58672
Ion Ratio Lower Upper
83 100
85 57.8 51.0 76.4
127 7.4 5.8 8.6

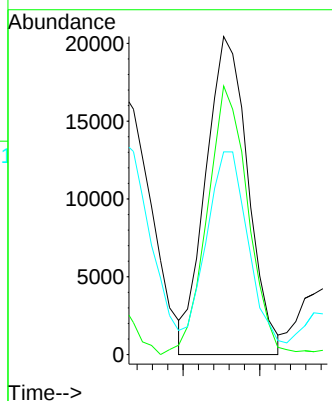
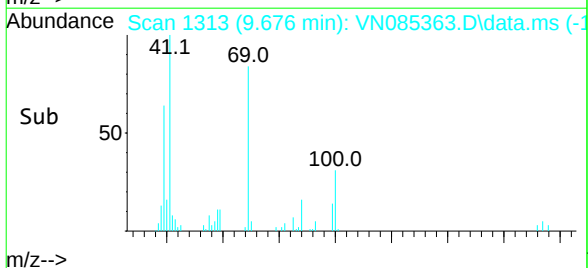
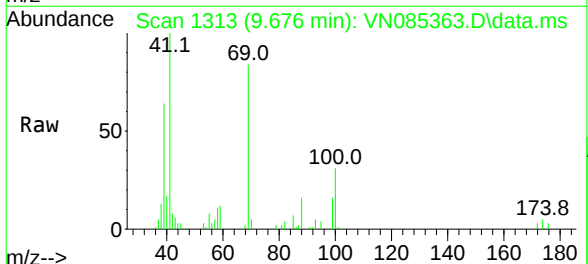
Manual Integrations
APPROVED

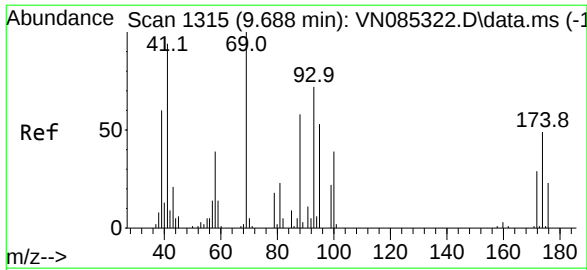
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#48
Methyl methacrylate
Concen: 22.150 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

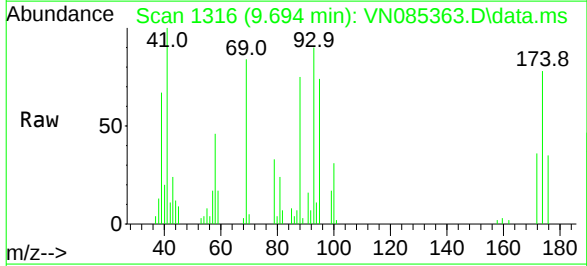
Tgt Ion: 41 Resp: 39129
Ion Ratio Lower Upper
41 100
69 81.7 67.7 101.5
39 65.5 51.2 76.8





#49
1,4-Dioxane
Concen: 535.986 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

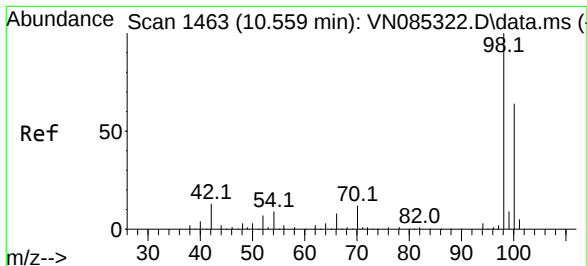
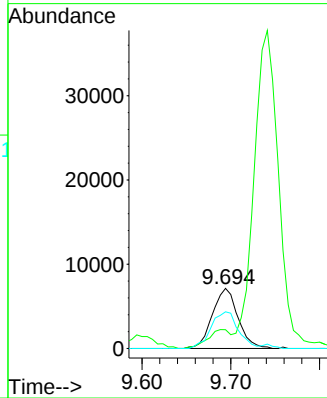
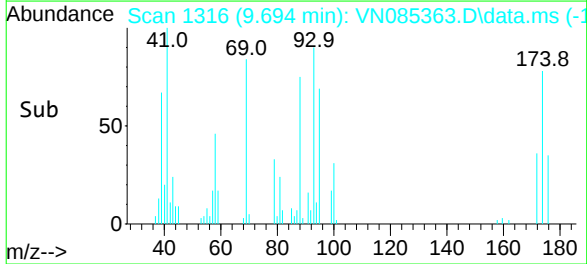
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01



Tgt Ion: 88 Resp: 14286
Ion Ratio Lower Upper
88 100
43 28.0 22.1 33.1
58 64.9 56.7 85.1

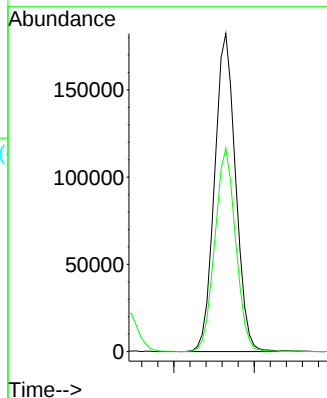
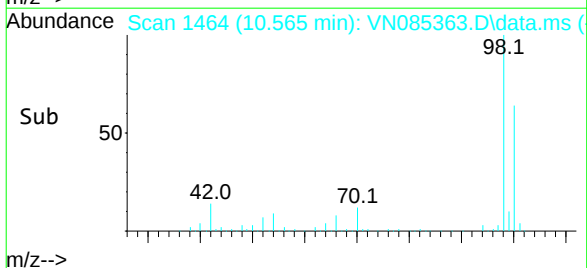
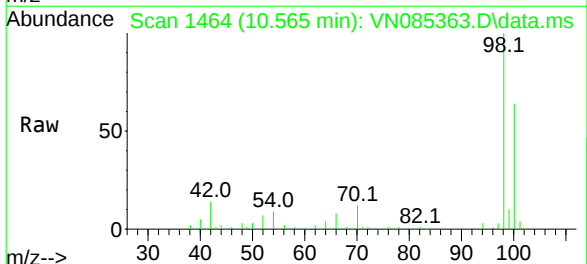
Manual Integrations
APPROVED

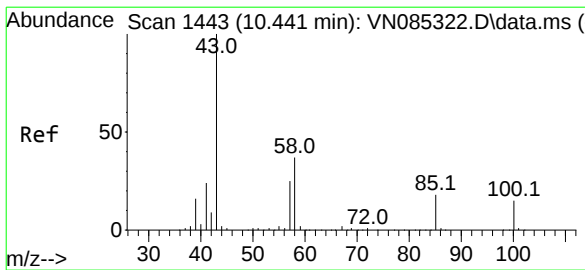
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#50
Toluene-d8
Concen: 53.079 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion: 98 Resp: 330923
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3





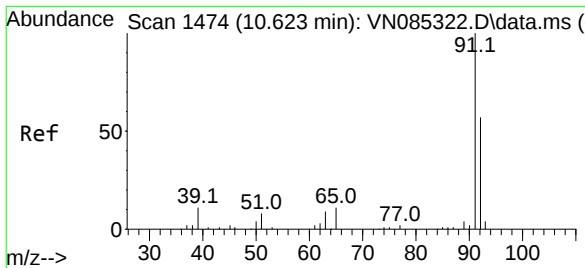
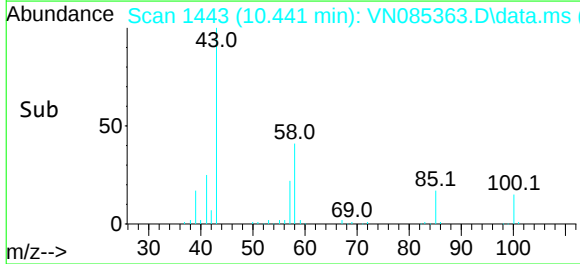
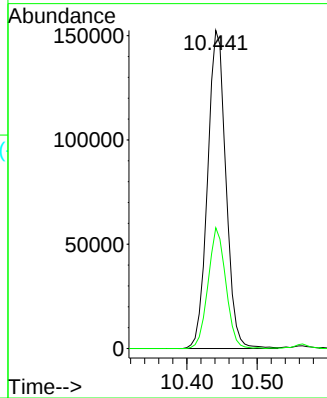
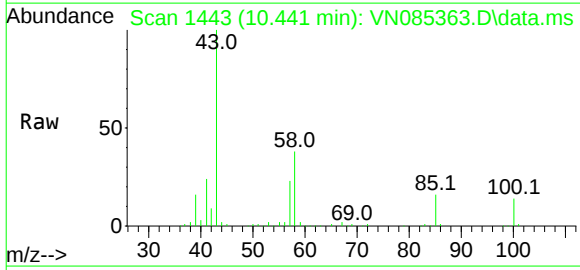
#51
4-Methyl-2-Pentanone
Concen: 120.371 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion: 43 Resp: 275397
Ion Ratio Lower Upper
43 100
58 36.8 30.3 45.5

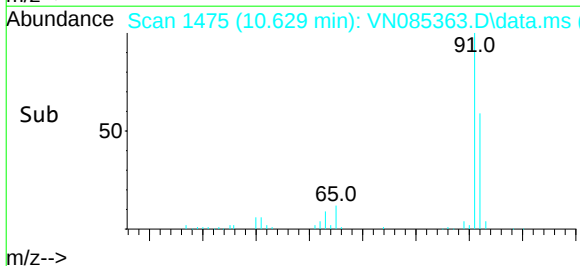
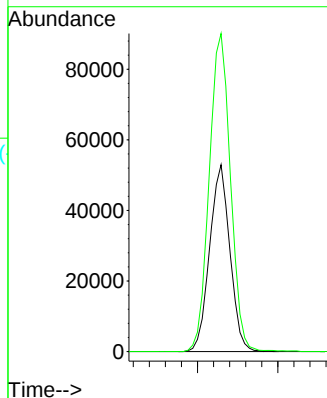
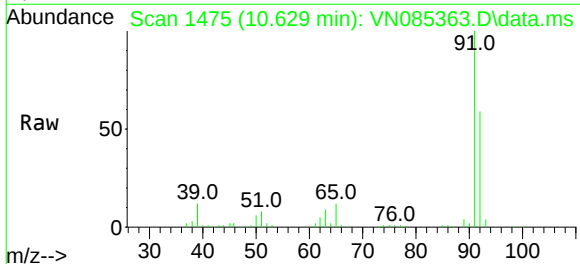
Manual Integrations
APPROVED

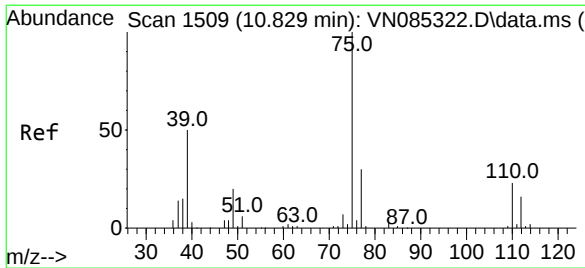
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#52
Toluene
Concen: 20.740 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

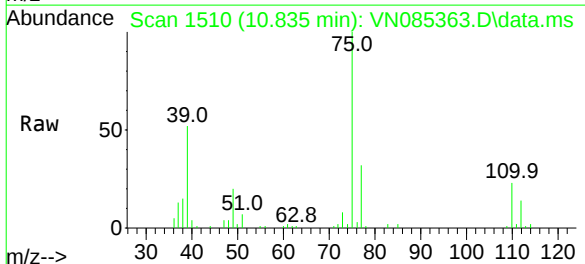
Tgt Ion: 92 Resp: 92881
Ion Ratio Lower Upper
92 100
91 178.3 140.2 210.4





#53
 t-1,3-Dichloropropene
 Concen: 20.539 ug/l
 RT: 10.835 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: VN085363.D
 Acq: 31 Dec 2024 10:43

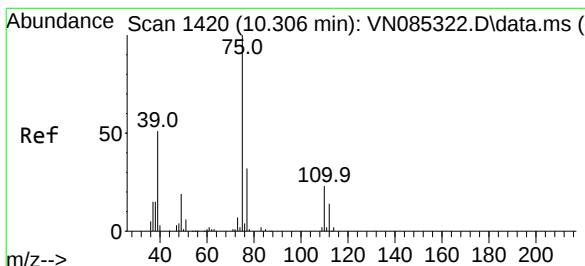
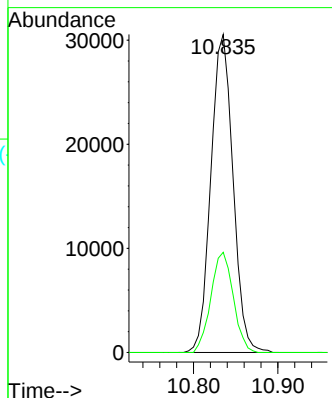
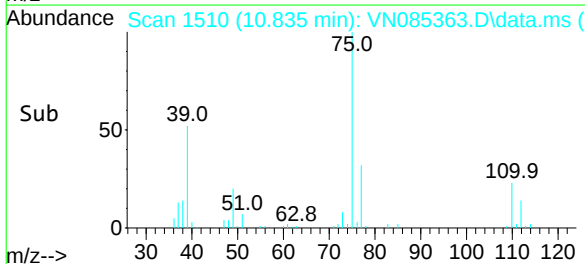
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231WBS01



Tgt Ion: 75 Resp: 55744
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.8 35.6

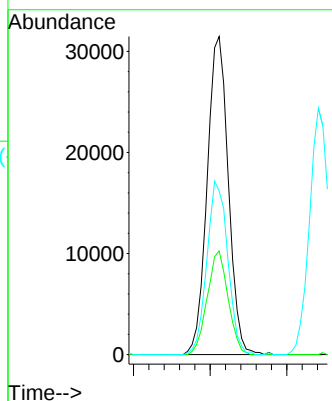
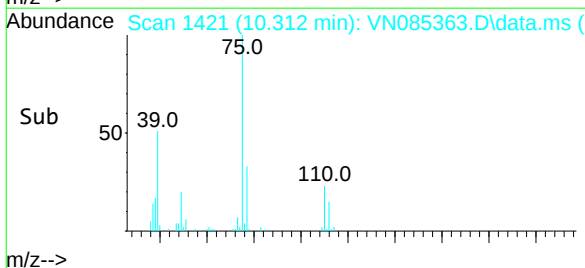
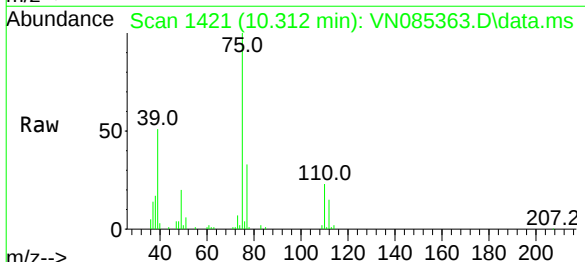
Manual Integrations
 APPROVED

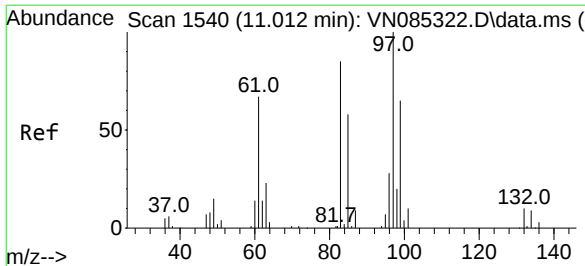
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#54
 cis-1,3-Dichloropropene
 Concen: 20.594 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085363.D
 Acq: 31 Dec 2024 10:43

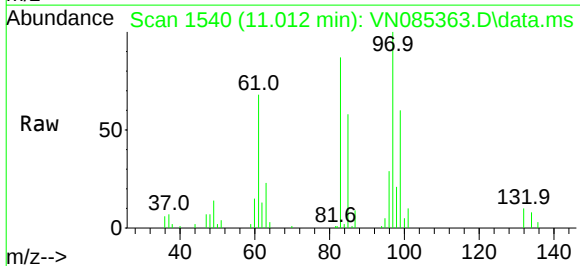
Tgt Ion: 75 Resp: 60439
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.5 38.3
 39 51.4 40.5 60.7





#55
1,1,2-Trichloroethane
Concen: 21.849 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

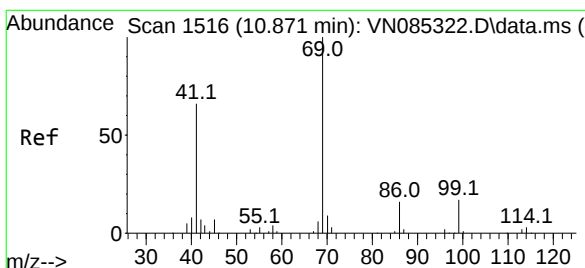
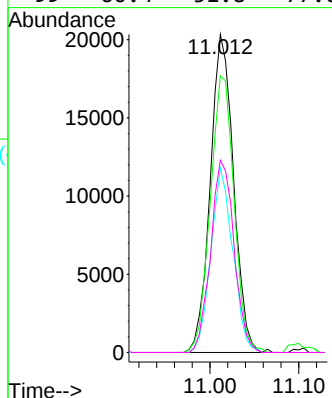
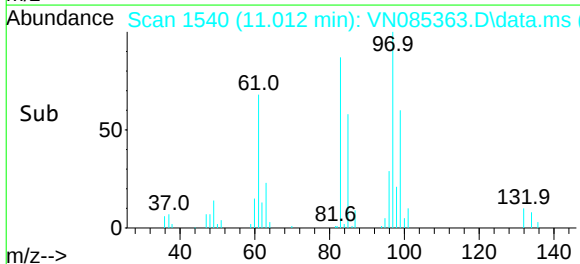
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01



Tgt Ion:	97	Resp:	36941
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.7	101.5
85	58.0	46.2	69.4
99	60.4	51.8	77.6

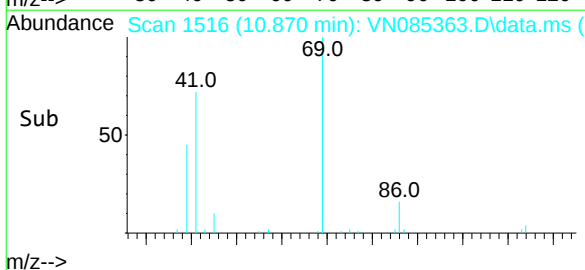
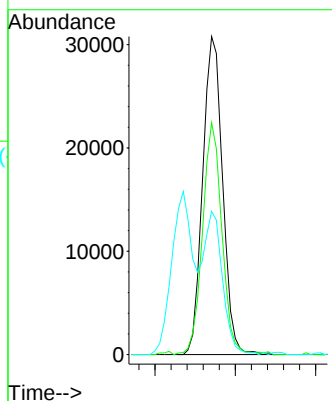
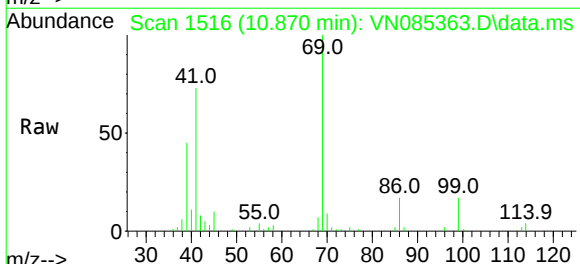
Manual Integrations
APPROVED

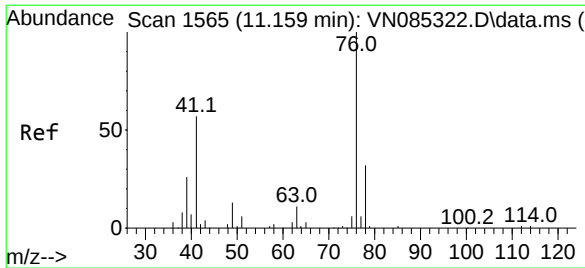
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#56
Ethyl methacrylate
Concen: 21.490 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

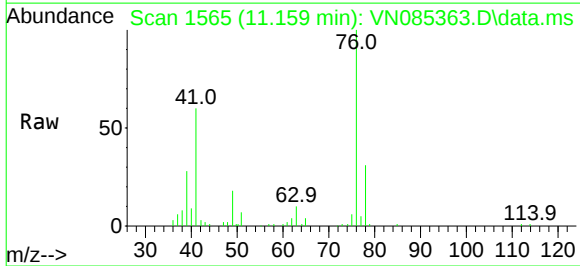
Tgt Ion:	69	Resp:	52919
Ion	Ratio	Lower	Upper
69	100		
41	70.6	54.3	81.5
39	43.2	32.0	48.0





#57
1,3-Dichloropropane
Concen: 21.567 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

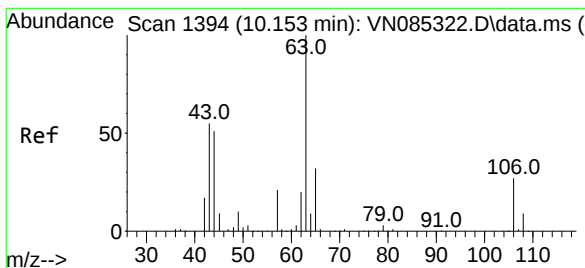
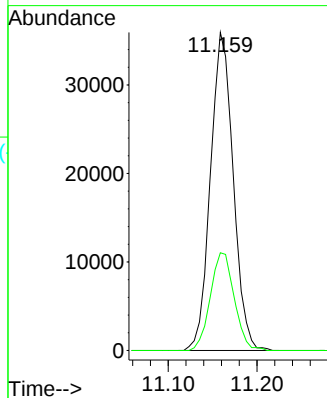
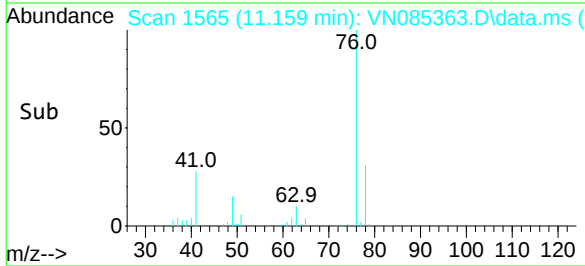
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01



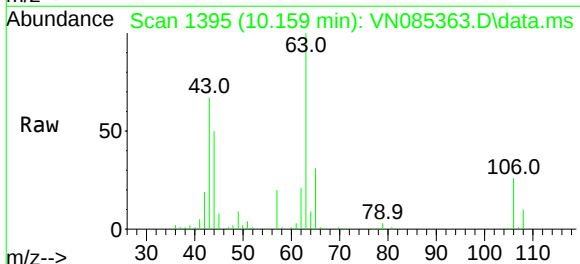
Tgt Ion: 76 Resp: 64001
Ion Ratio Lower Upper
76 100
78 32.3 25.5 38.3

Manual Integrations
APPROVED

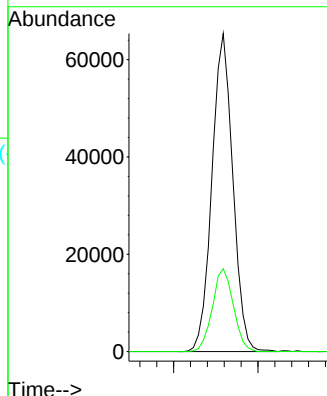
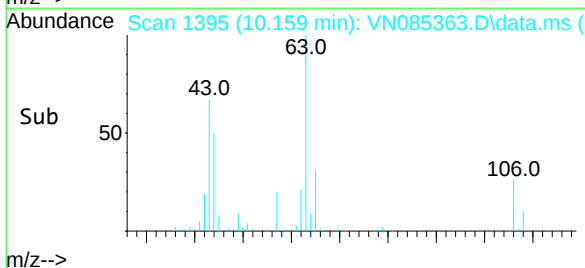
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

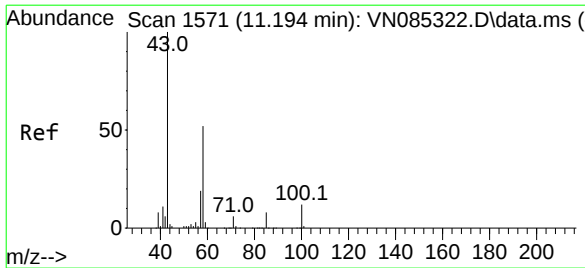


#58
2-Chloroethyl Vinyl ether
Concen: 94.395 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43



Tgt Ion: 63 Resp: 112459
Ion Ratio Lower Upper
63 100
106 26.2 22.1 33.1





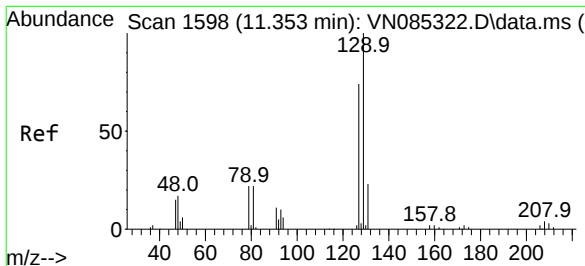
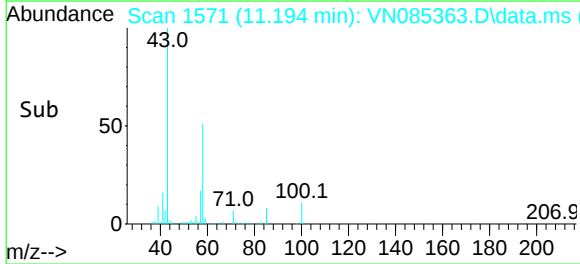
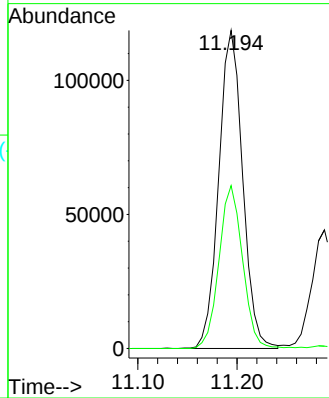
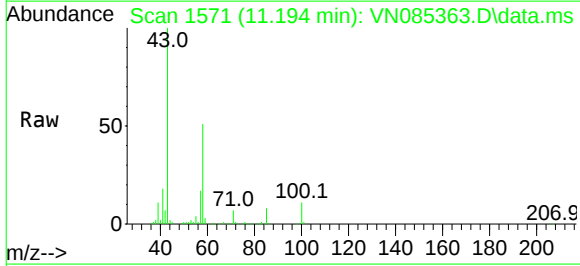
#59
2-Hexanone
Concen: 125.091 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion: 43 Resp: 198564
Ion Ratio Lower Upper
43 100
58 50.7 26.5 79.5

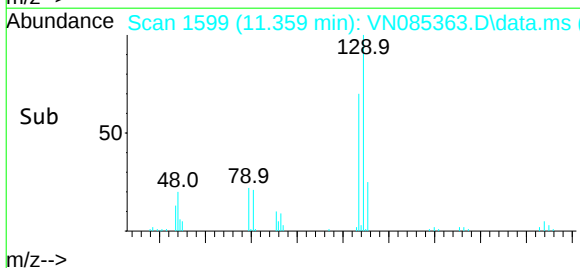
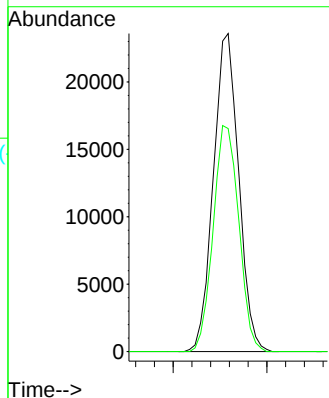
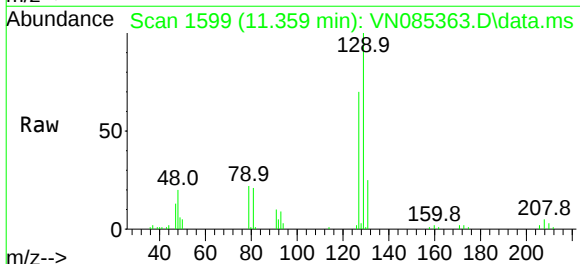
Manual Integrations
APPROVED

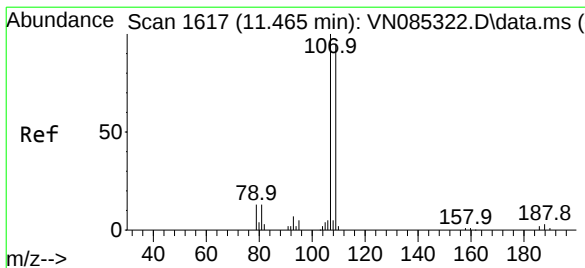
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#60
Dibromochloromethane
Concen: 23.206 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

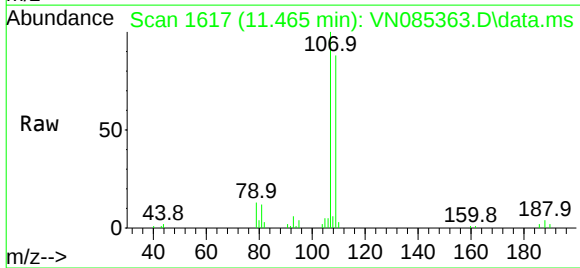
Tgt Ion:129 Resp: 44192
Ion Ratio Lower Upper
129 100
127 71.9 38.3 114.9





#61
1,2-Dibromoethane
Concen: 21.249 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

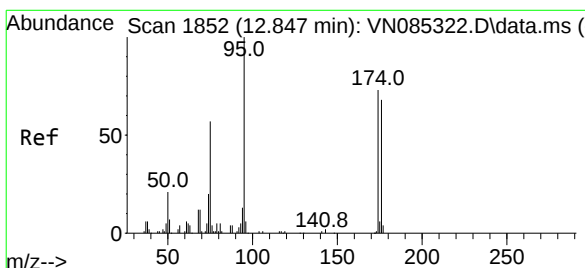
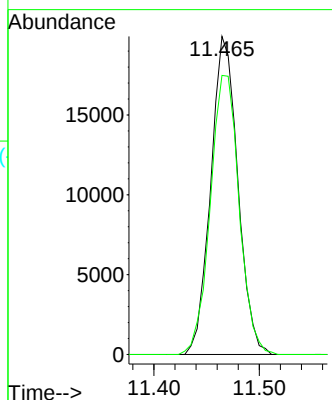
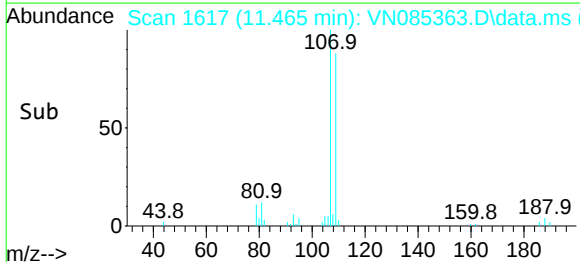
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01



Tgt Ion: 107 Resp: 35544
Ion Ratio Lower Upper
107 100
109 93.5 74.9 112.3

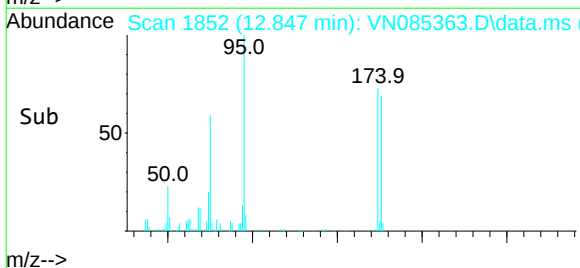
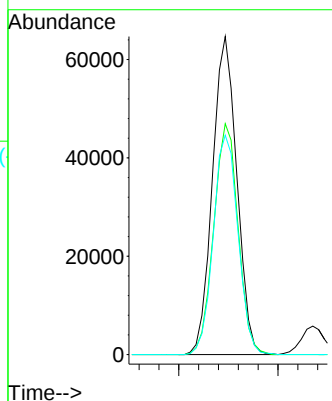
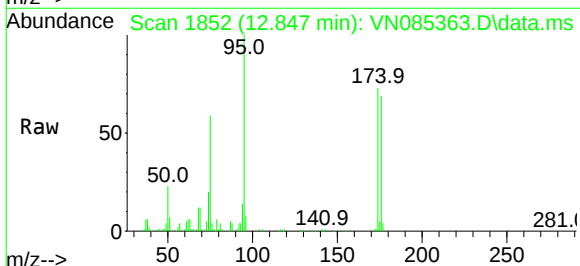
Manual Integrations
APPROVED

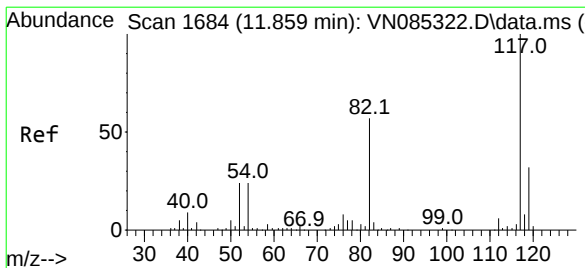
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#62
4-Bromofluorobenzene
Concen: 53.348 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion: 95 Resp: 110458
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.2
176 69.9 0.0 135.8





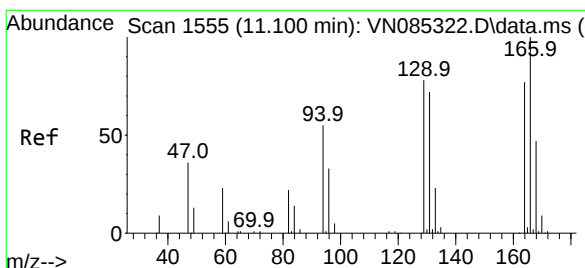
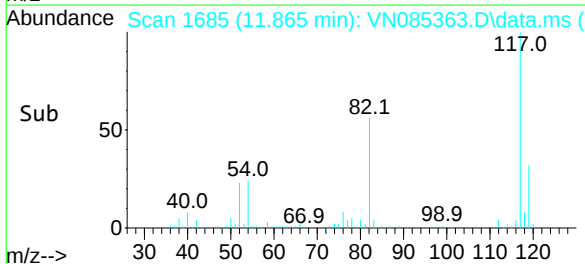
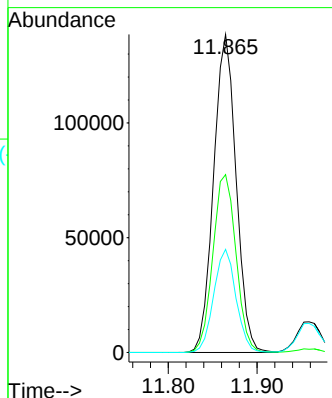
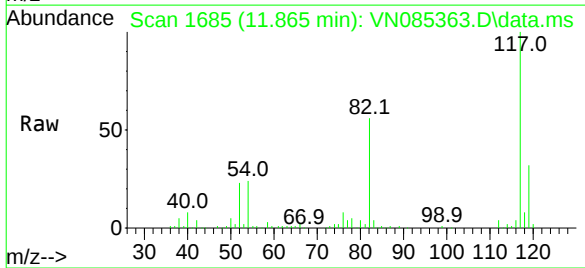
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion:117 Resp: 244297
Ion Ratio Lower Upper
117 100
82 55.9 45.7 68.5
119 32.4 25.8 38.8

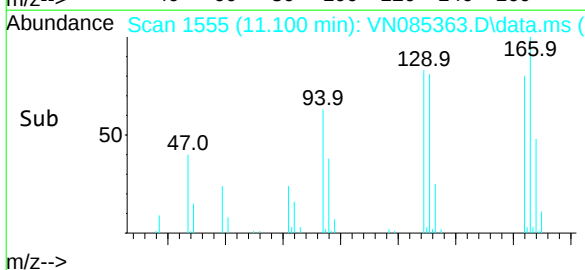
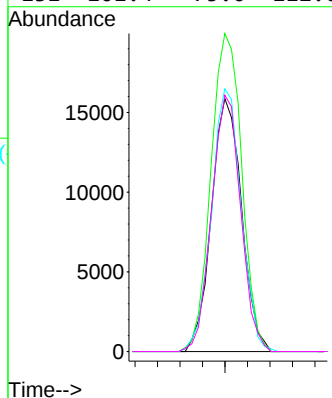
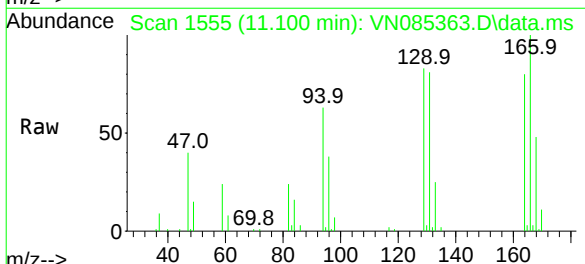
Manual Integrations
APPROVED

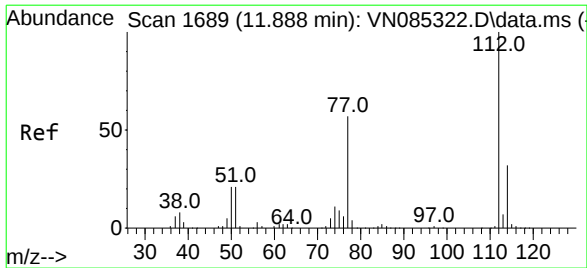
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#64
Tetrachloroethene
Concen: 19.086 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion:164 Resp: 29544
Ion Ratio Lower Upper
164 100
166 125.8 104.0 156.0
129 103.9 81.3 121.9
131 101.4 75.0 112.6





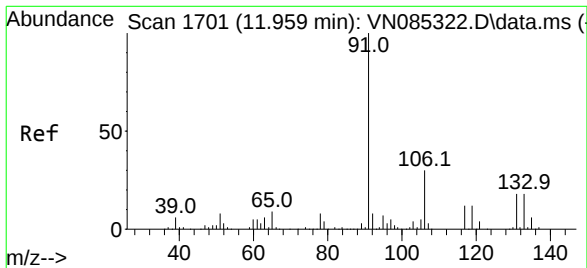
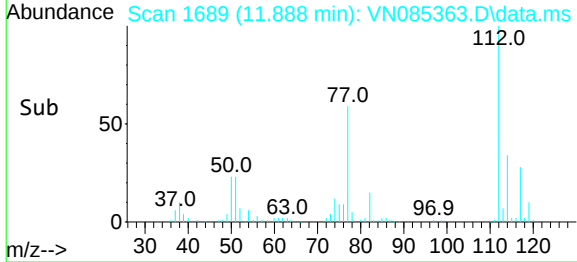
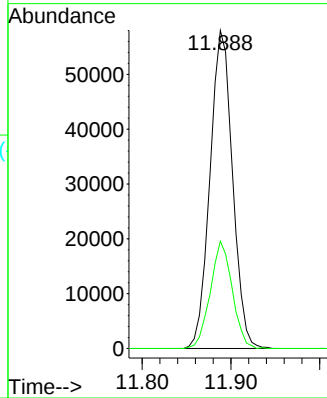
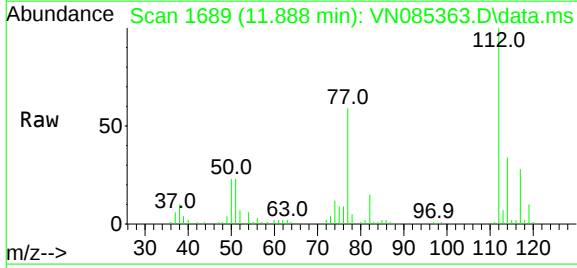
#65
Chlorobenzene
Concen: 19.380 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion:112 Resp: 102311
Ion Ratio Lower Upper
112 100
114 33.7 25.2 37.8

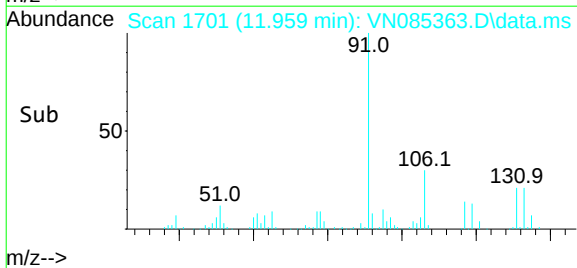
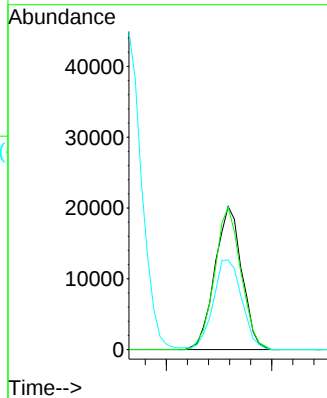
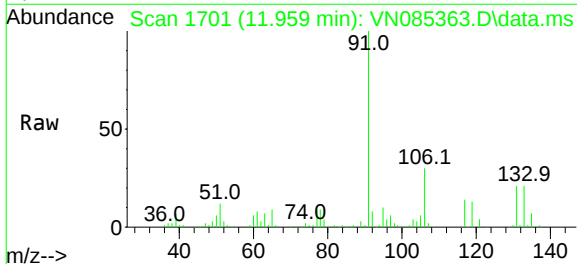
Manual Integrations
APPROVED

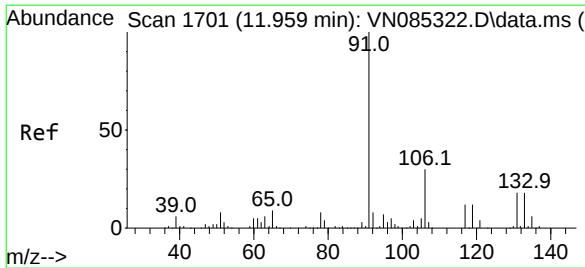
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.257 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion:131 Resp: 35892
Ion Ratio Lower Upper
131 100
133 97.4 48.3 144.9
119 66.5 33.4 100.1





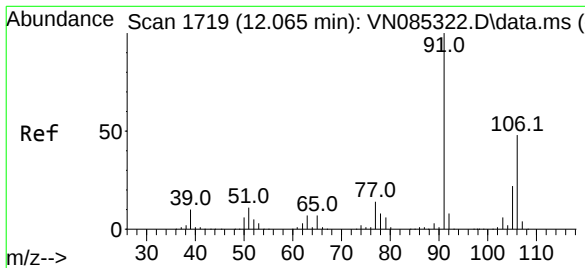
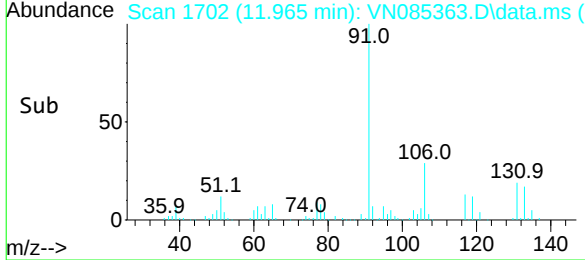
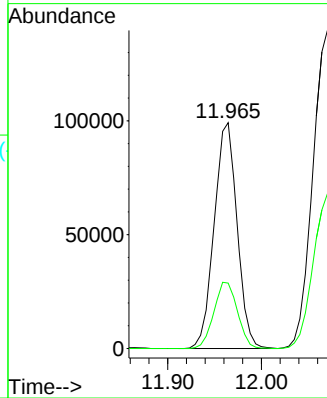
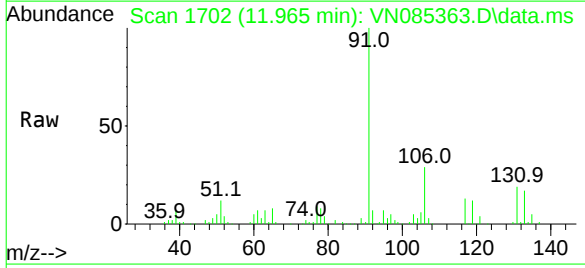
#67
Ethyl Benzene
Concen: 19.190 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion: 91 Resp: 168477
Ion Ratio Lower Upper
91 100
106 29.0 24.0 36.0

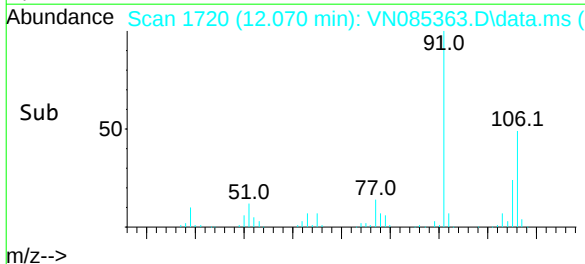
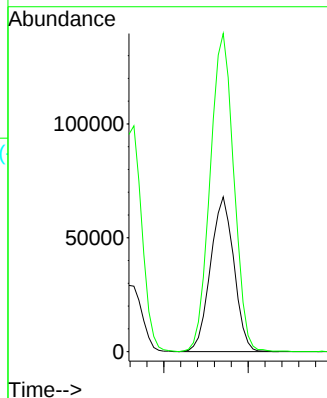
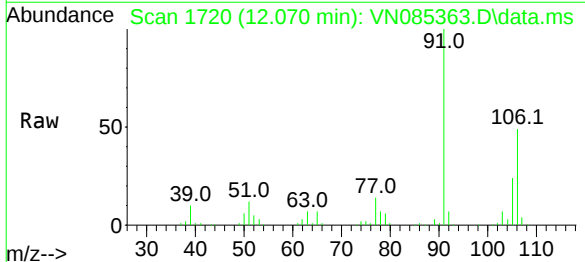
Manual Integrations
APPROVED

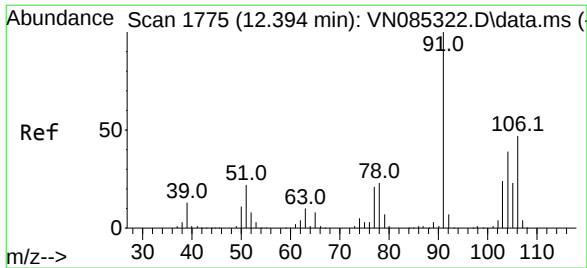
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#68
m/p-Xylenes
Concen: 40.817 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion:106 Resp: 131145
Ion Ratio Lower Upper
106 100
91 208.2 165.2 247.8





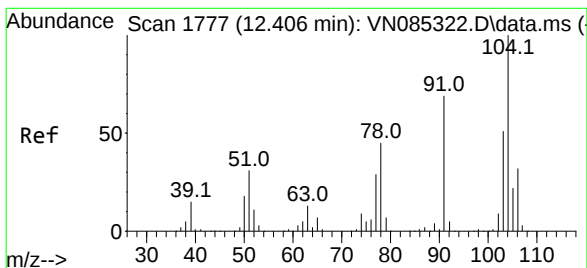
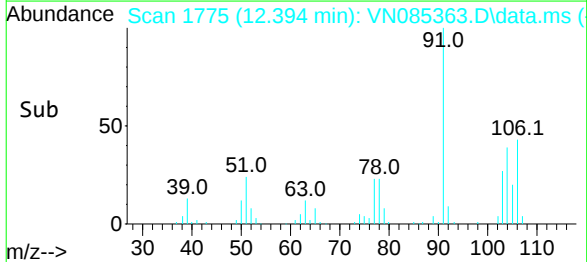
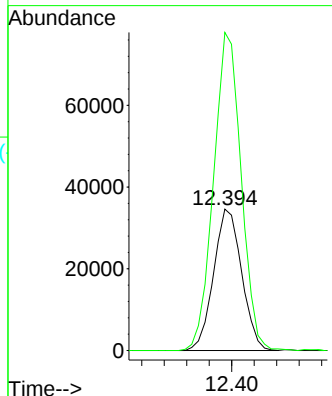
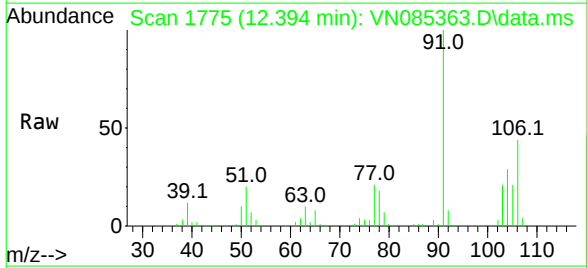
#69
o-Xylene
Concen: 19.262 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion:106 Resp: 59869
Ion Ratio Lower Upper
106 100
91 221.4 107.3 321.8

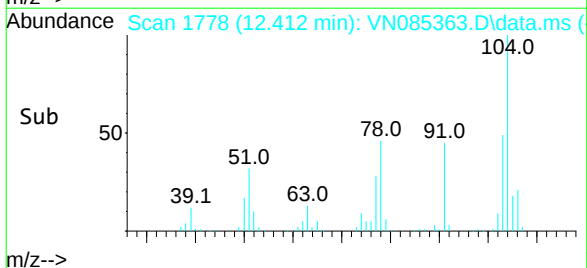
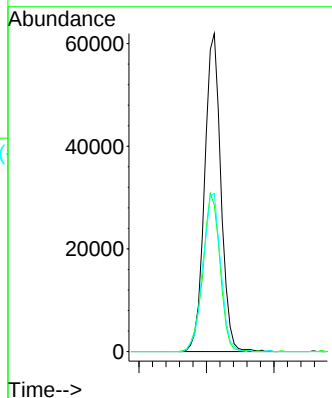
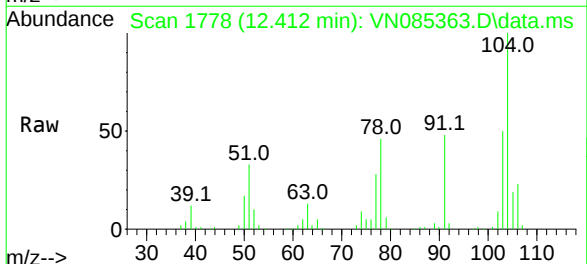
Manual Integrations
APPROVED

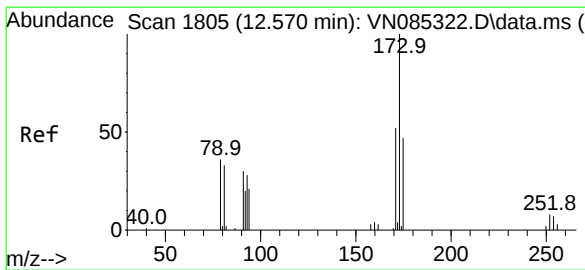
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#70
Styrene
Concen: 20.630 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion:104 Resp: 103920
Ion Ratio Lower Upper
104 100
78 52.2 40.7 61.1
103 54.2 44.1 66.1





#71

Bromoform

Concen: 21.760 ug/l

RT: 12.576 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN1231WBS01

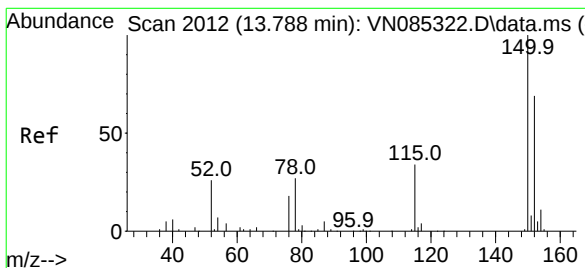
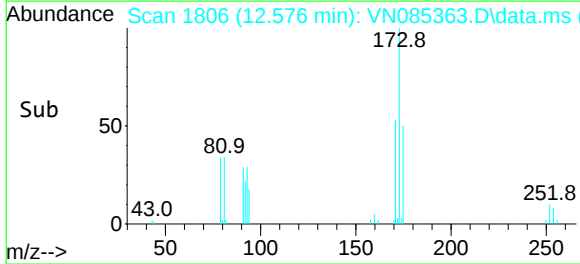
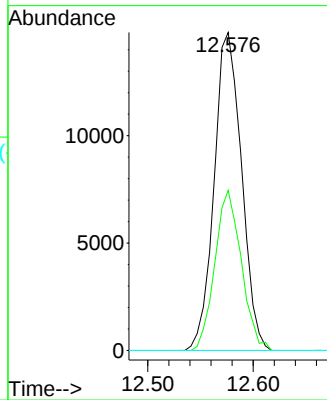
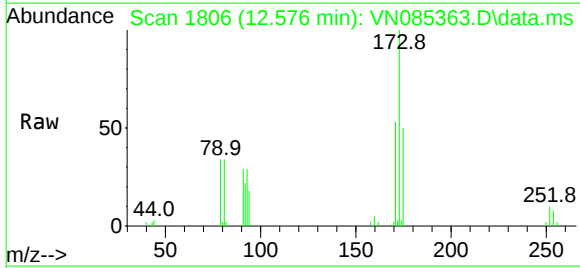
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

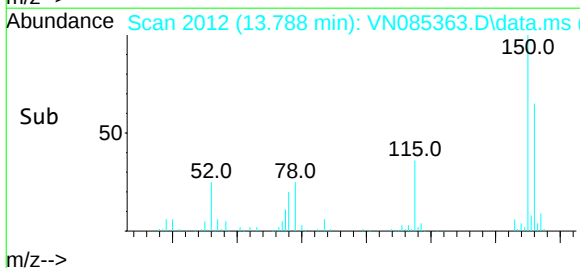
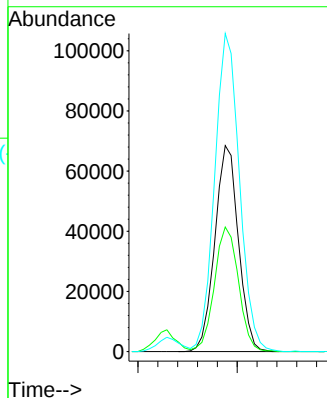
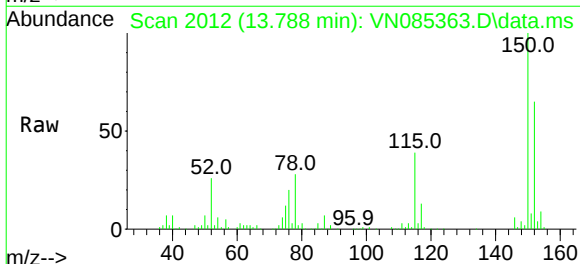
RT: 13.788 min Scan# 2012

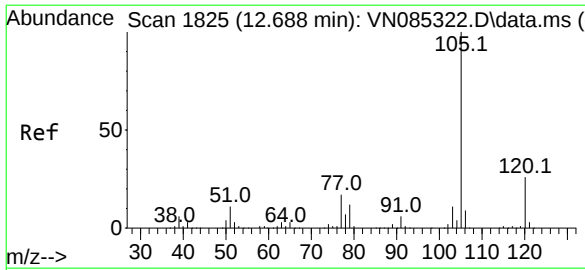
Delta R.T. -0.000 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	30.4	91.3
150	162.9	0.0	345.0





#73

Isopropylbenzene

Concen: 18.870 ug/l

RT: 12.694 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

Instrument :

MSVOA_N

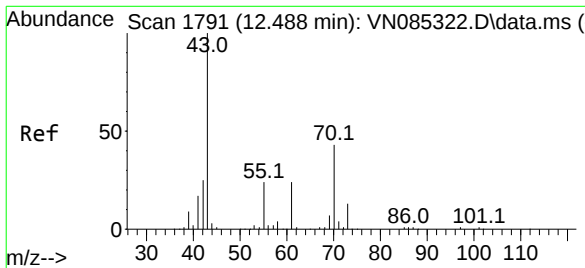
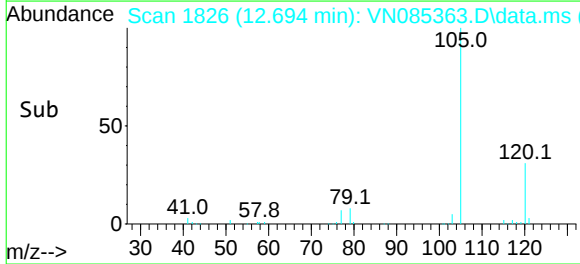
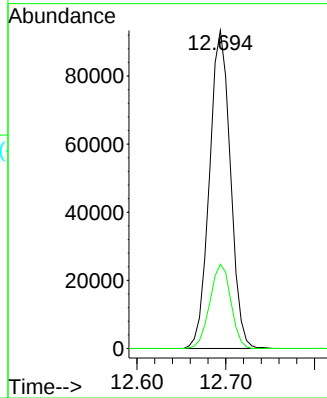
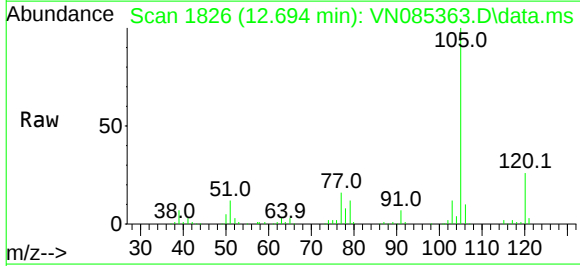
ClientSampleId :

VN1231WBS01

Tgt Ion: 105 Resp: 153217
 Ion Ratio Lower Upper
 105 100
 120 26.5 12.9 38.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#74

N-ethyl acetate

Concen: 21.386 ug/l

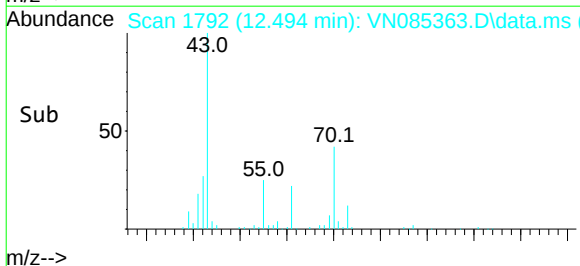
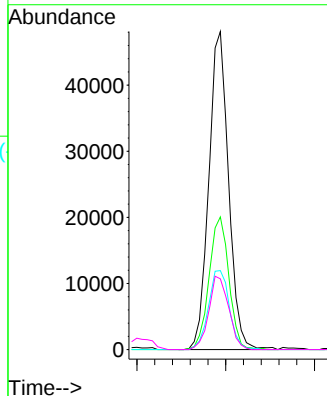
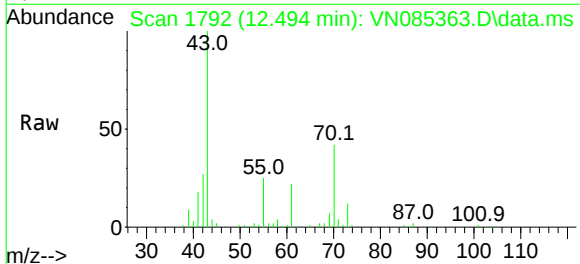
RT: 12.494 min Scan# 1792

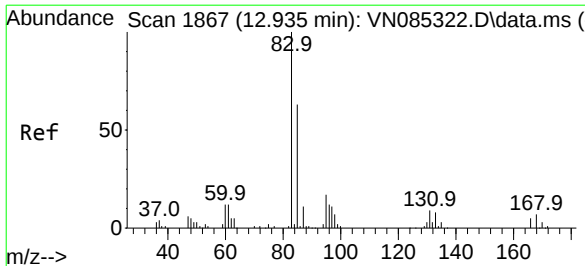
Delta R.T. 0.006 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

Tgt Ion: 43 Resp: 74329
 Ion Ratio Lower Upper
 43 100
 70 41.8 33.4 50.0
 55 26.4 19.2 28.8
 61 23.2 18.6 28.0





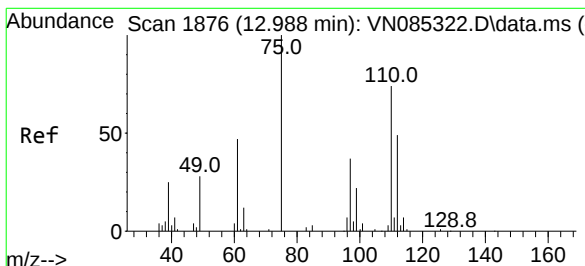
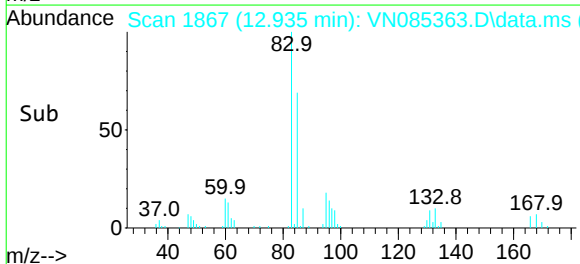
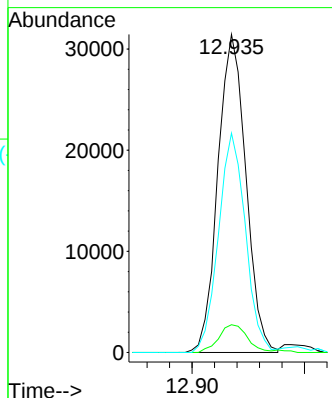
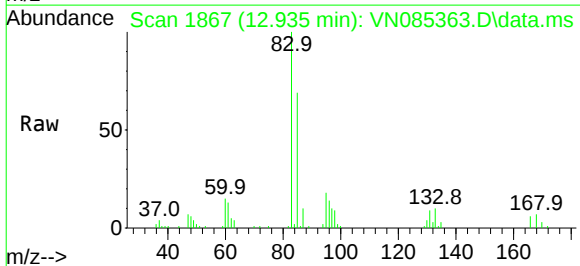
#75
1,1,2,2-Tetrachloroethane
Concen: 21.016 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.8	14.4
85	66.6	32.6	98.0

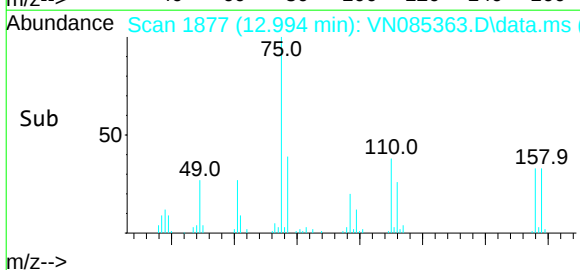
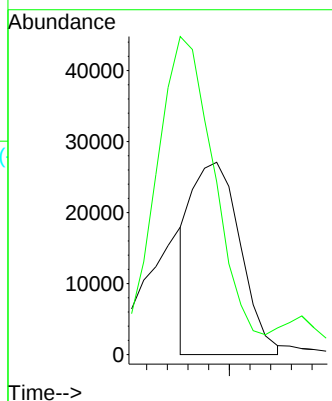
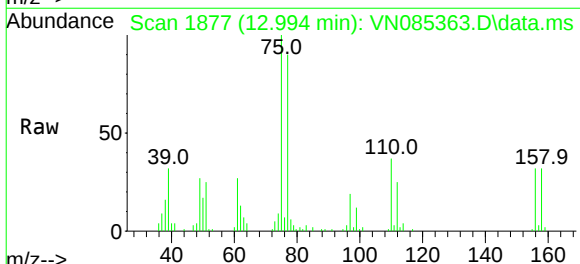
Manual Integrations
APPROVED

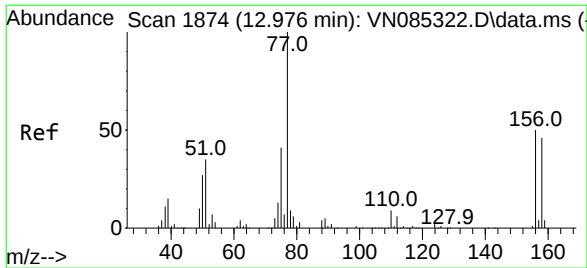
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#76
1,2,3-Trichloropropane
Concen: 21.149 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

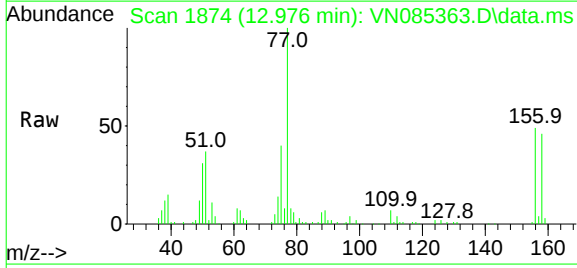
Tgt Ion	Ratio	Lower	Upper
75	100		
77	202.3	98.1	294.3





#77
Bromobenzene
Concen: 19.246 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

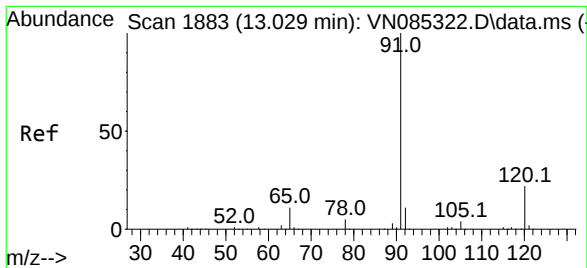
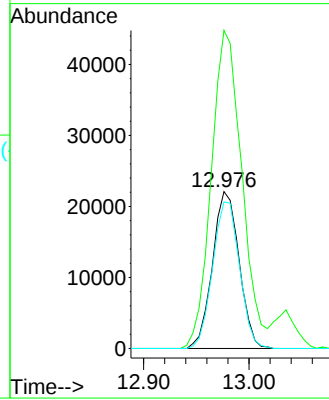
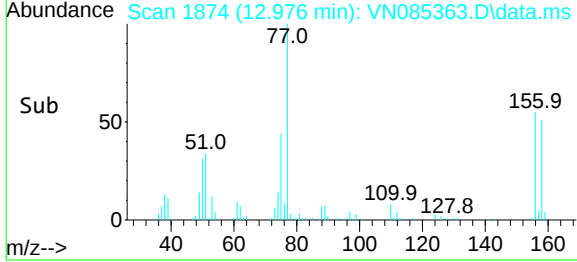
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01



Tgt Ion: 156 Resp: 38717
Ion Ratio Lower Upper
156 100
77 233.0 114.0 342.0
158 94.5 47.6 142.8

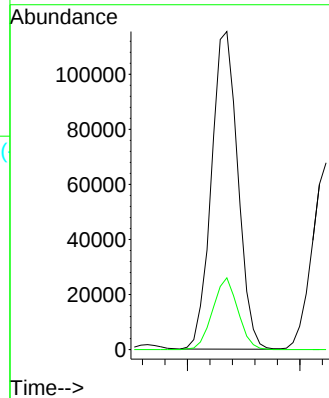
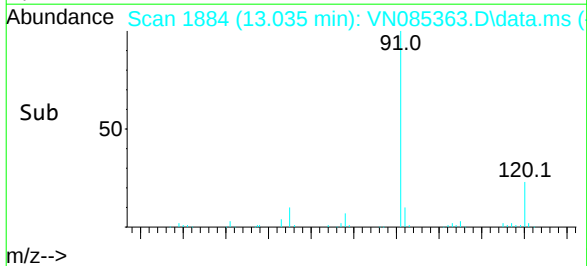
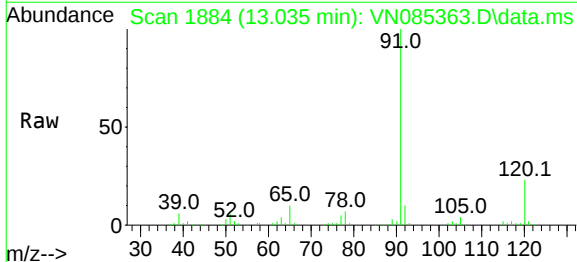
Manual Integrations
APPROVED

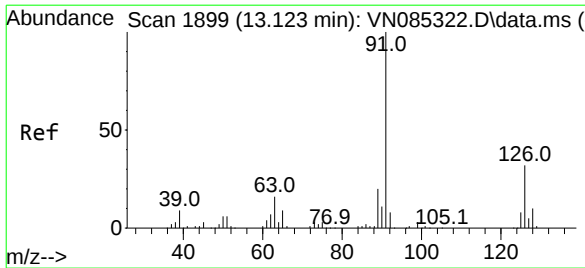
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#78
n-propylbenzene
Concen: 19.913 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion: 91 Resp: 188471
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9





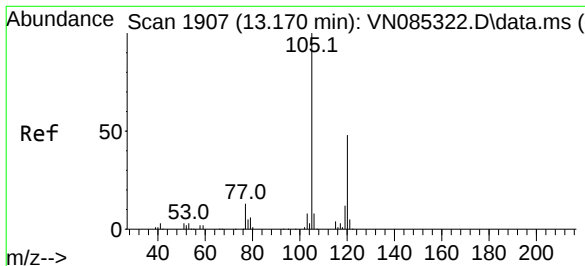
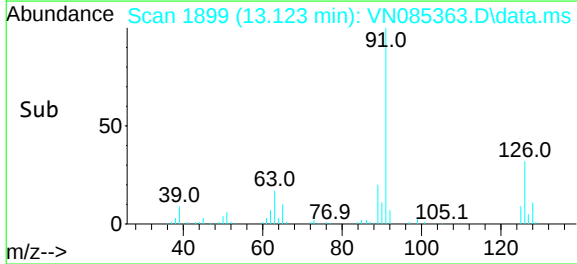
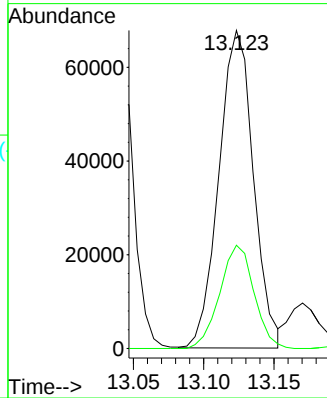
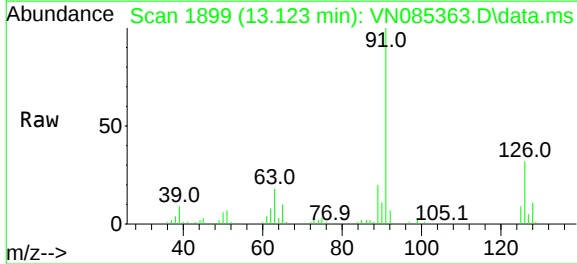
#79
2-Chlorotoluene
Concen: 19.449 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion: 91 Resp: 115852
Ion Ratio Lower Upper
91 100
126 32.1 16.0 48.0

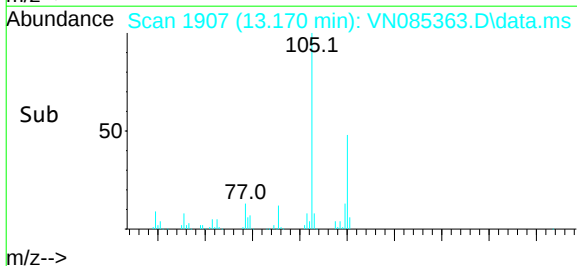
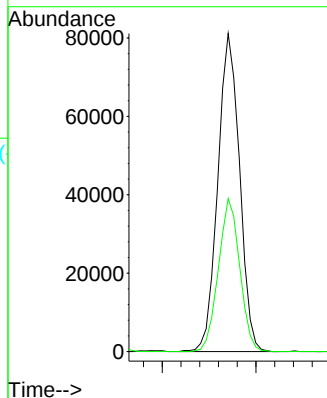
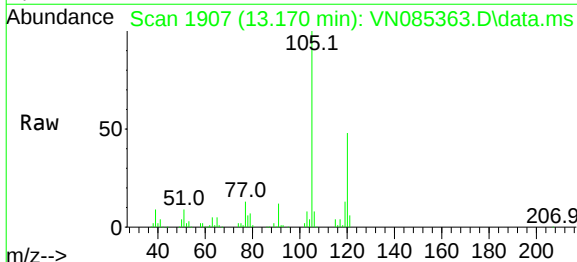
Manual Integrations
APPROVED

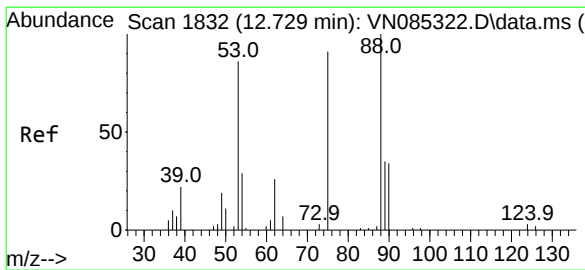
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.879 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion:105 Resp: 130558
Ion Ratio Lower Upper
105 100
120 47.2 24.0 72.0





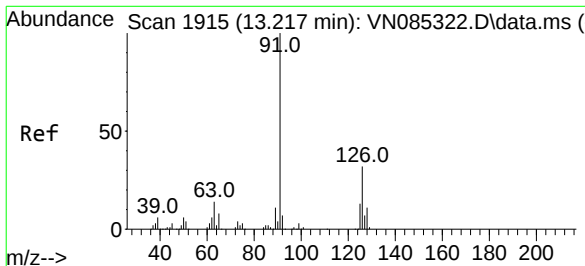
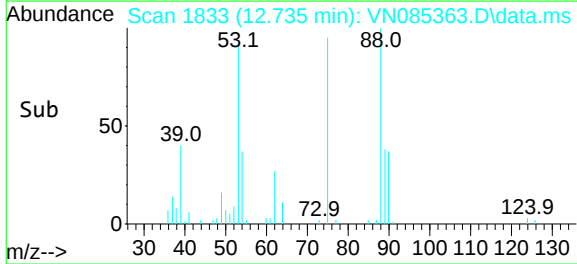
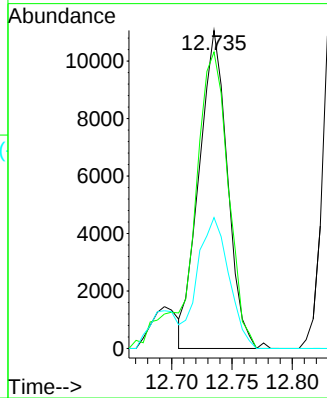
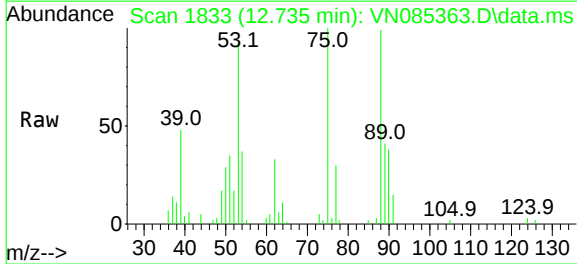
#81
trans-1,4-Dichloro-2-butene
Concen: 20.604 ug/l
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	113.4	80.0	120.0
89	45.8	35.8	53.8

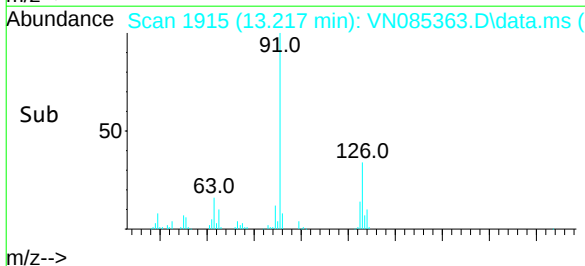
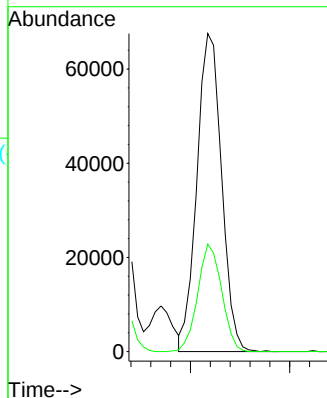
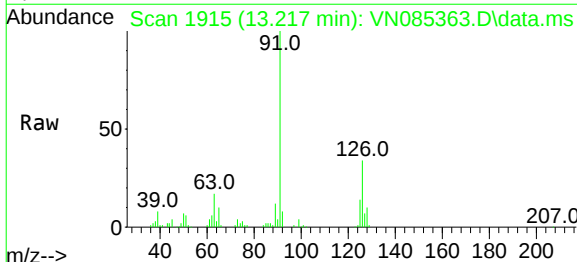
Manual Integrations
APPROVED

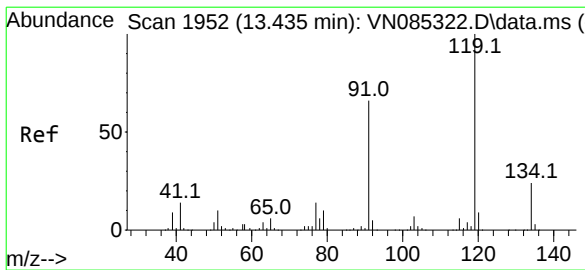
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#82
4-Chlorotoluene
Concen: 19.437 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.4





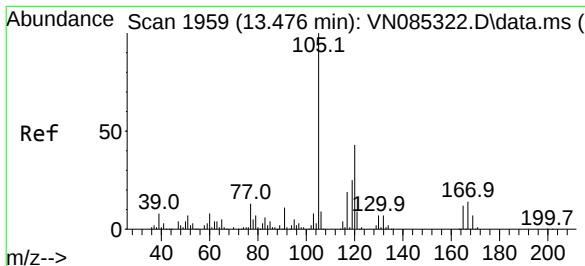
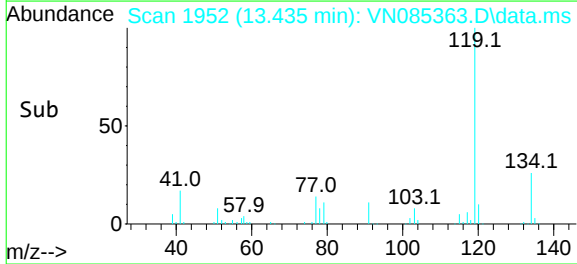
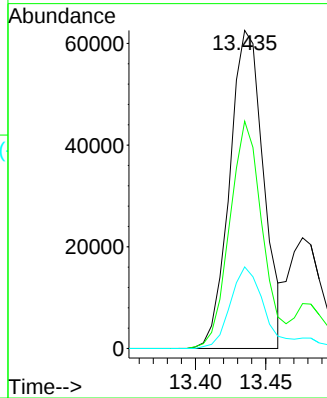
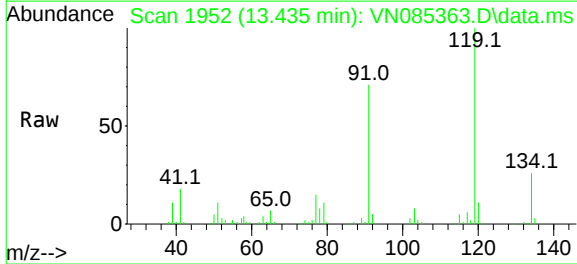
#83
tert-Butylbenzene
Concen: 18.449 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion:119 Resp: 104961
Ion Ratio Lower Upper
119 100
91 69.3 33.6 100.8
134 27.6 13.3 39.8

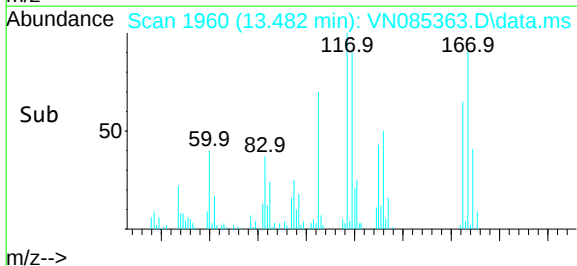
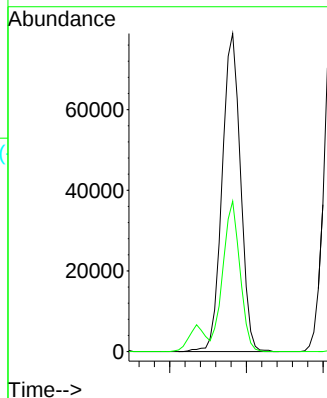
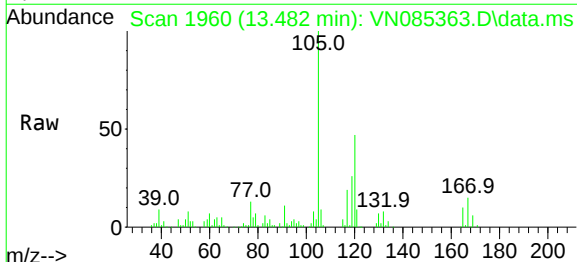
Manual Integrations
APPROVED

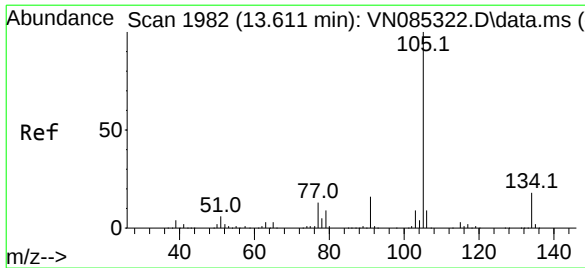
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.052 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion:105 Resp: 131136
Ion Ratio Lower Upper
105 100
120 43.9 21.7 65.1





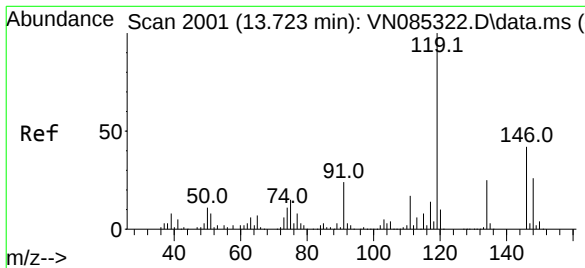
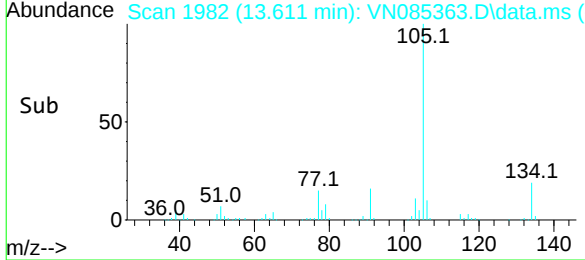
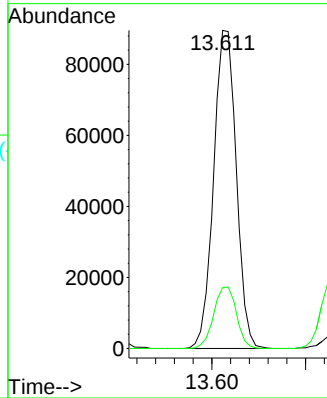
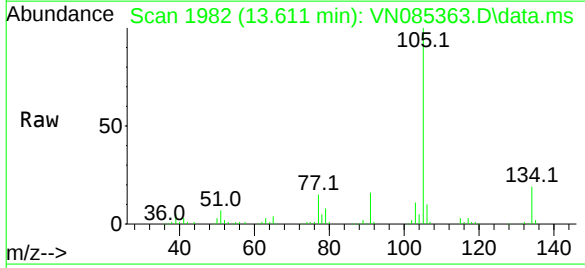
#85
sec-Butylbenzene
Concen: 19.019 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion:105 Resp: 150192
Ion Ratio Lower Upper
105 100
134 19.3 9.4 28.3

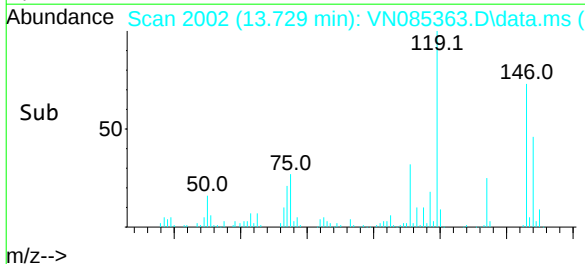
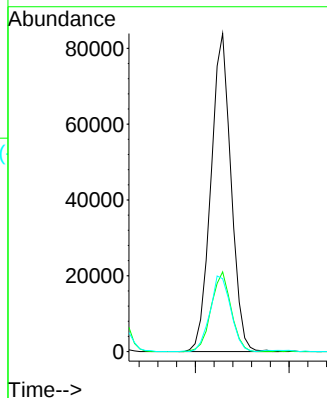
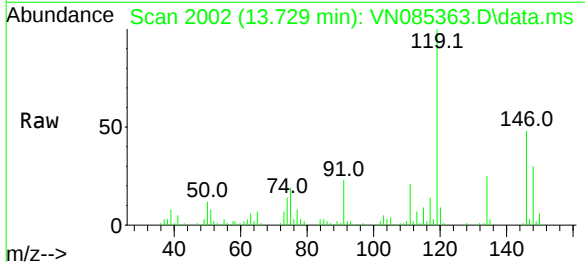
Manual Integrations
APPROVED

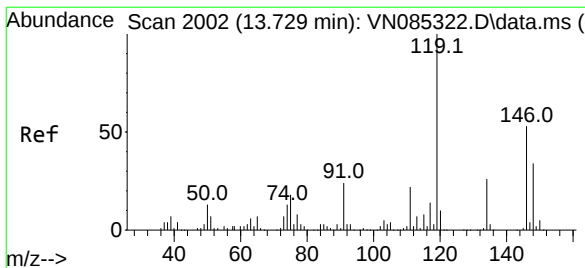
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#86
p-Isopropyltoluene
Concen: 18.500 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

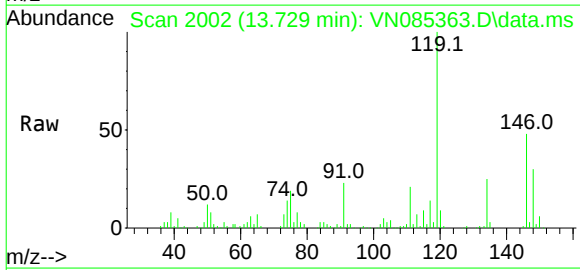
Tgt Ion:119 Resp: 125013
Ion Ratio Lower Upper
119 100
134 24.8 12.5 37.5
91 24.7 12.2 36.4





#87
1,3-Dichlorobenzene
Concen: 18.962 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

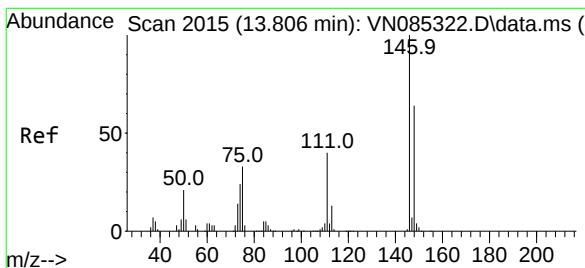
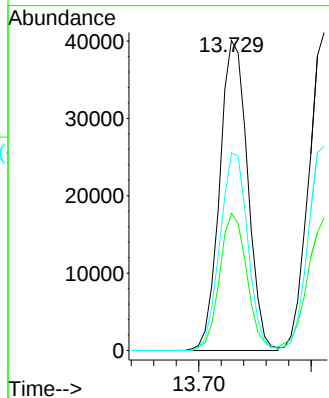
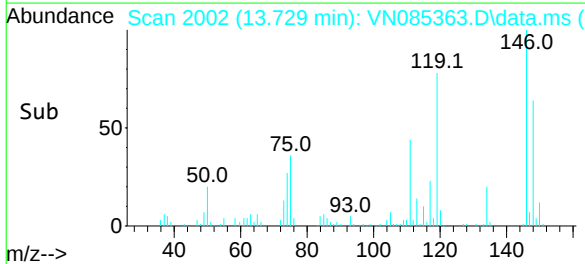
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01



Tgt Ion	146	Resp	69151
Ion Ratio	100		
111	42.9	21.3	63.9
148	63.3	31.5	94.5

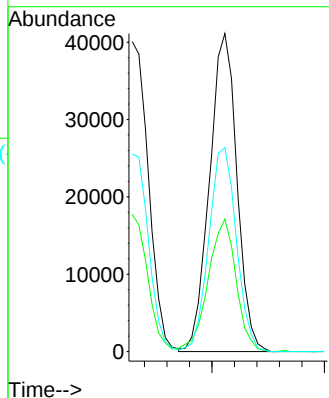
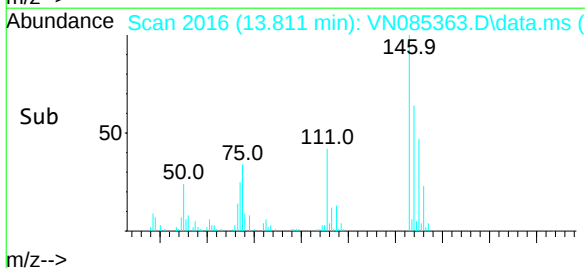
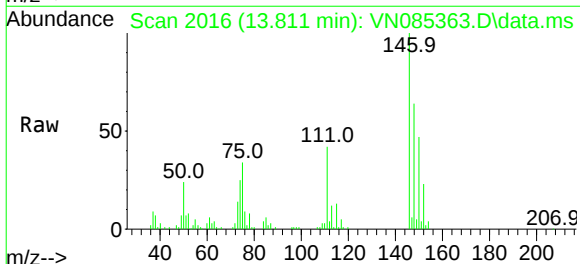
Manual Integrations
APPROVED

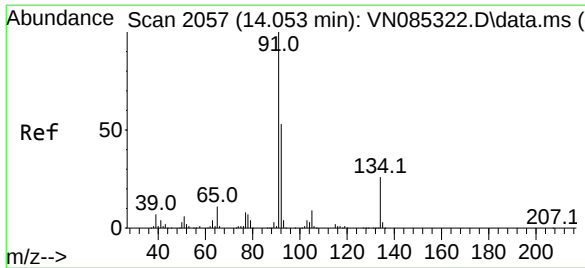
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#88
1,4-Dichlorobenzene
Concen: 18.575 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Tgt Ion	146	Resp	69581
Ion Ratio <td>100</td> <td></td> <td></td>	100		
111	42.5	20.8	62.5
148	64.6	31.7	95.1





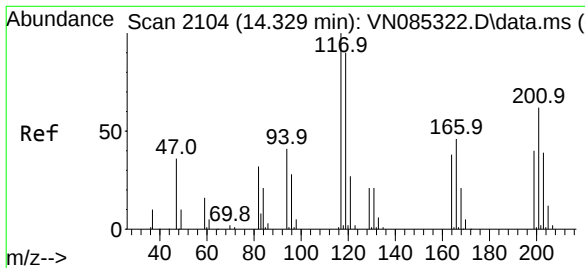
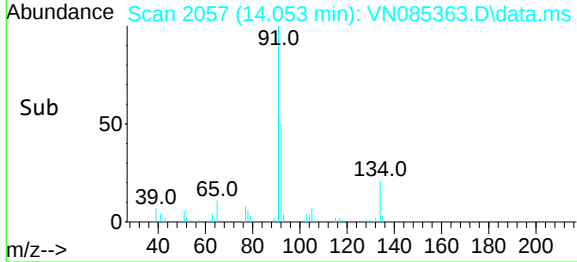
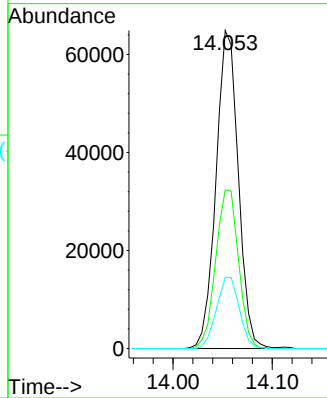
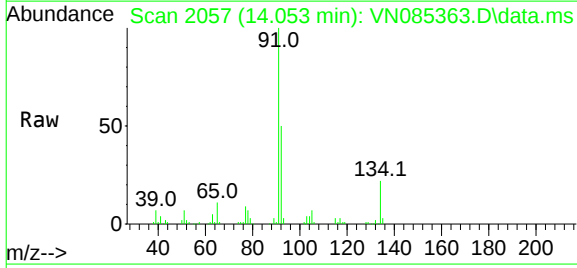
#89
n-Butylbenzene
Concen: 17.513 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01

Tgt Ion: 91 Resp: 101273
Ion Ratio Lower Upper
91 100
92 51.2 26.0 78.0
134 23.0 12.1 36.3

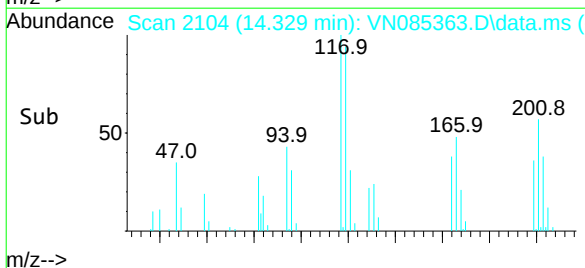
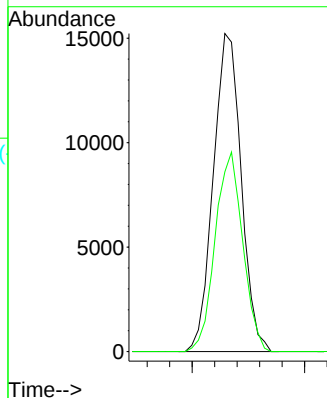
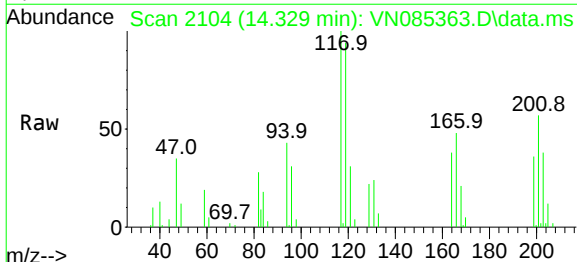
Manual Integrations
APPROVED

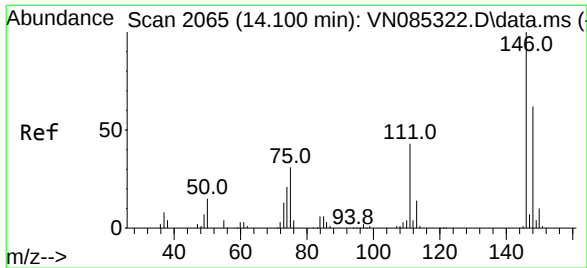
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#90
Hexachloroethane
Concen: 20.230 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

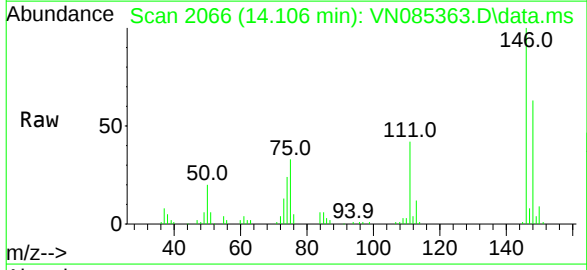
Tgt Ion:117 Resp: 26186
Ion Ratio Lower Upper
117 100
201 62.0 30.7 92.1





#91
1,2-Dichlorobenzene
Concen: 18.960 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

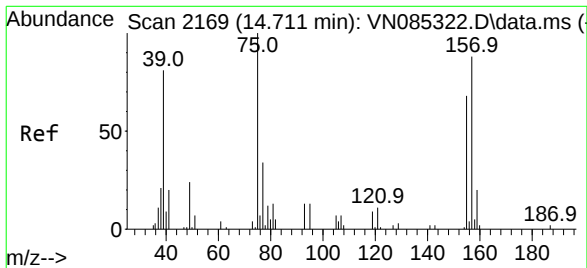
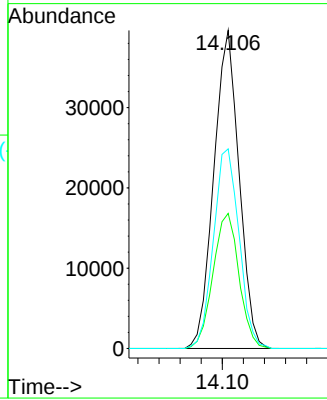
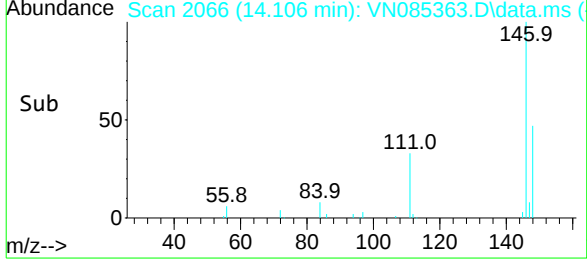
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01



Tgt Ion:146 Resp: 65868
Ion Ratio Lower Upper
146 100
111 43.8 21.8 65.3
148 63.7 31.4 94.2

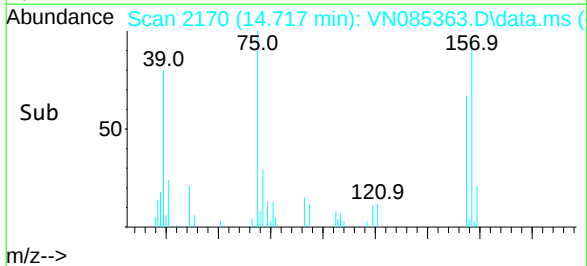
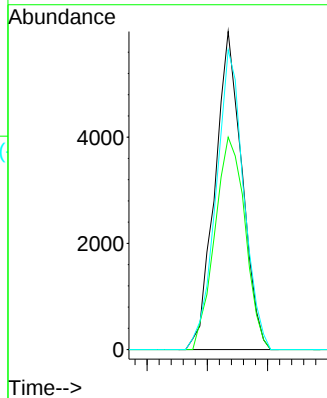
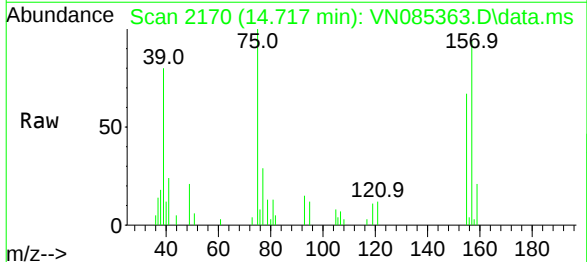
Manual Integrations
APPROVED

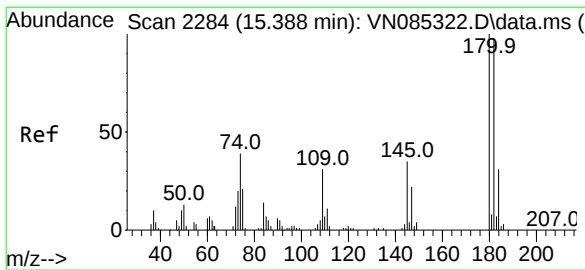
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.406 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

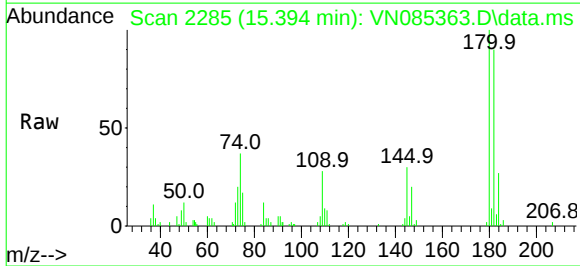
Tgt Ion: 75 Resp: 9392
Ion Ratio Lower Upper
75 100
155 74.6 35.6 106.9
157 95.7 47.0 141.0





#93
1,2,4-Trichlorobenzene
Concen: 17.132 ug/l
RT: 15.394 min Scan# 2284
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43

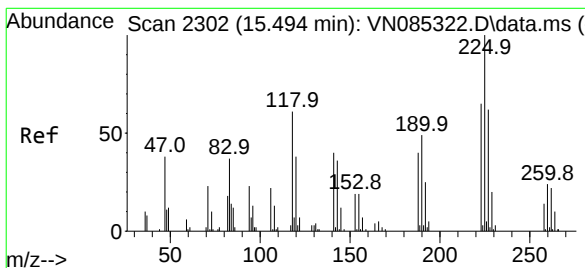
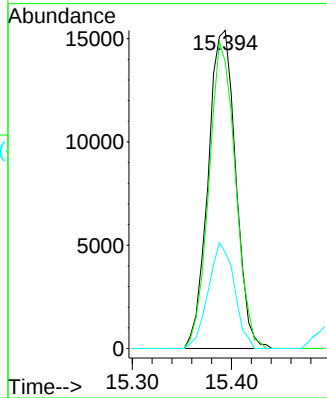
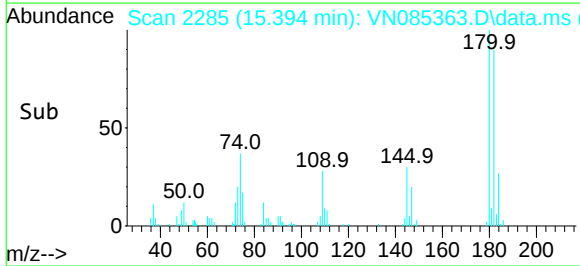
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBS01



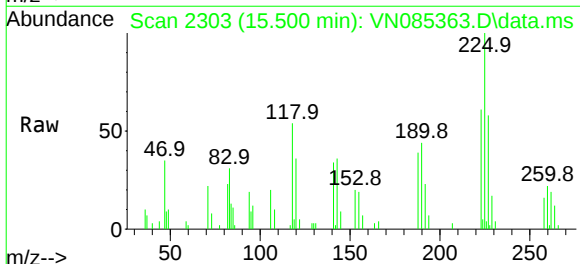
Tgt Ion:180 Resp: 29703
Ion Ratio Lower Upper
180 100
182 92.5 47.2 141.6
145 31.4 16.6 49.8

Manual Integrations
APPROVED

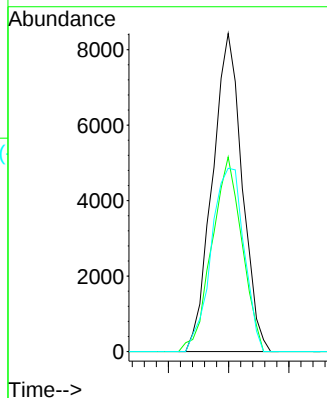
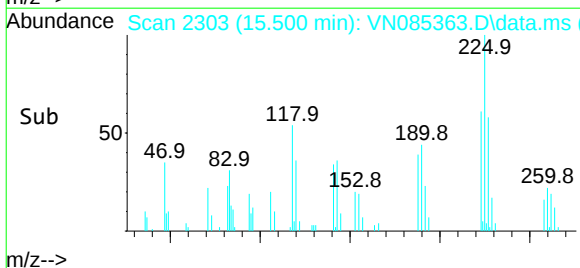
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

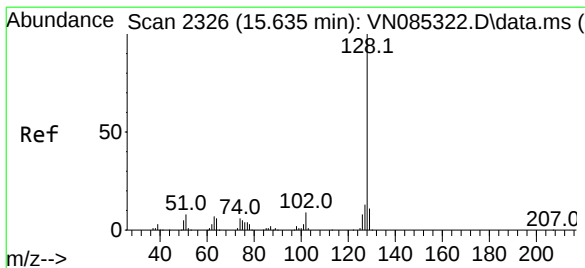


#94
Hexachlorobutadiene
Concen: 16.770 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085363.D
Acq: 31 Dec 2024 10:43



Tgt Ion:225 Resp: 14447
Ion Ratio Lower Upper
225 100
223 61.9 31.6 94.7
227 63.4 30.3 91.0





#95

Naphthalene

Concen: 15.265 ug/l

RT: 15.641 min Scan# 23

Delta R.T. 0.006 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN1231WBS01

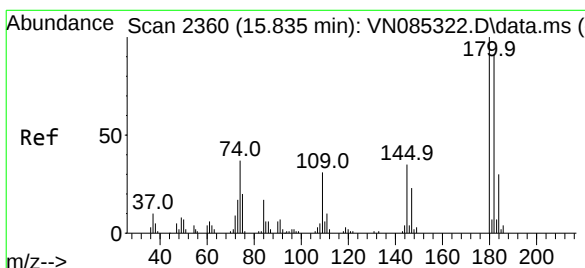
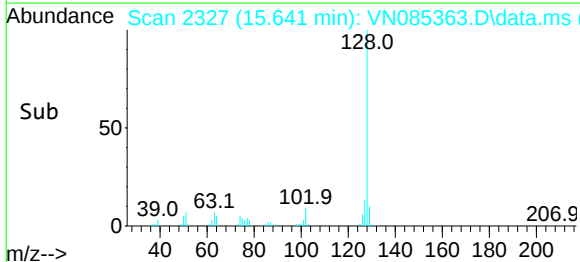
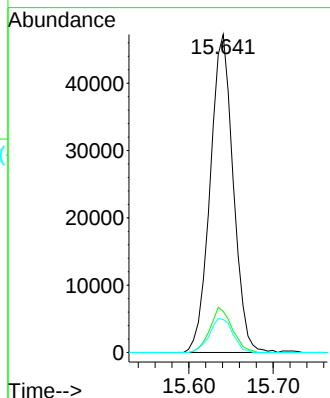
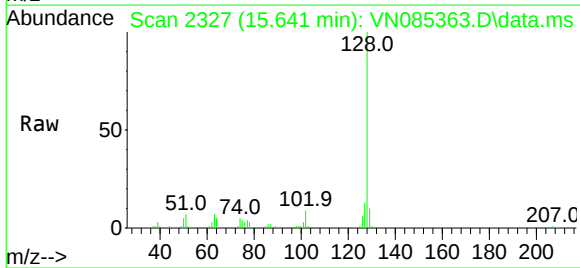
Tgt Ion:	128	Resp:	89746
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	16.0
129	10.9	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.045 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085363.D

Acq: 31 Dec 2024 10:43

Tgt Ion:	180	Resp:	29528
Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.8	140.4
145	33.4	17.2	51.6

