

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
 Data File : VN085552.D
 Acq On : 29 Jan 2025 13:04
 Operator : JC\MD
 Sample : VN0129WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2025
 Supervised By : Mahesh Dadoda 01/30/2025

Quant Time: Jan 30 00:32:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	199890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	149604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	167615	51.947	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.900%
35) Dibromofluoromethane	8.165	113	122390	52.775	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.560%
50) Toluene-d8	10.565	98	437973	53.154	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.300%
62) 4-Bromofluorobenzene	12.847	95	154451	54.798	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.600%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	42805	15.816	ug/l 97
3) Chloromethane	2.359	50	47501	16.210	ug/l 97
4) Vinyl Chloride	2.512	62	47977	16.289	ug/l 99
5) Bromomethane	2.953	94	30184	16.965	ug/l 95
6) Chloroethane	3.118	64	33491	17.935	ug/l 93
7) Trichlorofluoromethane	3.495	101	76946	18.004	ug/l 96
8) Diethyl Ether	3.959	74	26661	18.058	ug/l 99
9) 1,1,2-Trichlorotrifluo...	4.365	101	45479	18.893	ug/l 98
10) Methyl Iodide	4.589	142	49266	17.872	ug/l 97
11) Tert butyl alcohol	5.518	59	44436	120.269	ug/l 99
12) 1,1-Dichloroethene	4.342	96	38420	17.909	ug/l 97
13) Acrolein	4.177	56	40004	79.316	ug/l 99
14) Allyl chloride	5.018	41	61417	17.643	ug/l 97
15) Acrylonitrile	5.718	53	127045	108.256	ug/l 99
16) Acetone	4.430	43	114508	109.834	ug/l 100
17) Carbon Disulfide	4.712	76	96222	14.567	ug/l 98
18) Methyl Acetate	5.018	43	73000	23.027	ug/l 98
19) Methyl tert-butyl Ether	5.800	73	142230	20.418	ug/l 98
20) Methylene Chloride	5.277	84	49133	19.037	ug/l 93
21) trans-1,2-Dichloroethene	5.783	96	40021	17.456	ug/l 97
22) Diisopropyl ether	6.671	45	154873	20.044	ug/l 98
23) Vinyl Acetate	6.600	43	540007	99.867	ug/l 99
24) 1,1-Dichloroethane	6.565	63	90121	19.129	ug/l 96
25) 2-Butanone	7.483	43	167598	109.240	ug/l 98
26) 2,2-Dichloropropane	7.488	77	77491	20.344	ug/l 99
27) cis-1,2-Dichloroethene	7.488	96	50565	18.725	ug/l 99
28) Bromochloromethane	7.812	49	36396	16.605	ug/l 99
29) Tetrahydrofuran	7.835	42	110223	113.317	ug/l 99
30) Chloroform	7.965	83	94675	19.443	ug/l 98
31) Cyclohexane	8.253	56	65483	15.991	ug/l 96
32) 1,1,1-Trichloroethane	8.165	97	82021	19.203	ug/l 97
36) 1,1-Dichloropropene	8.371	75	58241	17.894	ug/l 100
37) Ethyl Acetate	7.559	43	69349	21.109	ug/l 98
38) Carbon Tetrachloride	8.359	117	69887	18.756	ug/l 95
39) Methylcyclohexane	9.600	83	52245	17.082	ug/l 97
40) Benzene	8.606	78	188989	19.325	ug/l 99

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 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	36813	21.538	ug/l	98
42) 1,2-Dichloroethane	8.665	62	75825	20.586	ug/l	99
43) Isopropyl Acetate	8.688	43	113844	21.627	ug/l	99
44) Trichloroethene	9.347	130	41582	18.266	ug/l	89
45) 1,2-Dichloropropane	9.618	63	49009	19.620	ug/l	97
46) Dibromomethane	9.706	93	35593	19.747	ug/l	97
47) Bromodichloromethane	9.882	83	76456	20.821	ug/l	98
48) Methyl methacrylate	9.677	41	52667	22.232	ug/l	96
49) 1,4-Dioxane	9.694	88	19418	486.754	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	356810	116.808	ug/l	99
52) Toluene	10.629	92	113656	20.058	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	71237	20.528	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	76587	20.661	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	47247	21.069	ug/l	95
56) Ethyl methacrylate	10.871	69	67955	19.225	ug/l	97
57) 1,3-Dichloropropane	11.159	76	81256	20.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	130784	91.903	ug/l	99
59) 2-Hexanone	11.194	43	257517	119.811	ug/l	99
60) Dibromochloromethane	11.359	129	56444	20.849	ug/l	98
61) 1,2-Dibromoethane	11.465	107	45570	20.415	ug/l	100
64) Tetrachloroethene	11.100	164	39105	19.082	ug/l	96
65) Chlorobenzene	11.888	112	126744	19.247	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	48168	19.929	ug/l	99
67) Ethyl Benzene	11.965	91	201511	18.788	ug/l	99
68) m/p-Xylenes	12.071	106	158394	39.958	ug/l	100
69) o-Xylene	12.400	106	73062	19.286	ug/l	96
70) Styrene	12.412	104	126846	20.232	ug/l	99
71) Bromoform	12.576	173	38486	22.255	ug/l #	100
73) Isopropylbenzene	12.694	105	187874	18.607	ug/l	100
74) N-amyl acetate	12.494	43	90352	19.908	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	71580	20.069	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	60557m	19.915	ug/l	
77) Bromobenzene	12.976	156	49656	18.824	ug/l	98
78) n-propylbenzene	13.035	91	225452	18.861	ug/l	99
79) 2-Chlorotoluene	13.123	91	145834	18.851	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	163587	19.614	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	22453	19.978	ug/l	99
82) 4-Chlorotoluene	13.217	91	149335	19.387	ug/l	99
83) tert-Butylbenzene	13.435	119	126982	18.130	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	165028	19.853	ug/l	100
85) sec-Butylbenzene	13.617	105	186480	19.211	ug/l	100
86) p-Isopropyltoluene	13.729	119	152530	18.909	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	94099	19.369	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	92013	18.273	ug/l	99
89) n-Butylbenzene	14.053	91	124199	17.835	ug/l	100
90) Hexachloroethane	14.335	117	33768	18.273	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	89278	18.424	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	14040	21.557	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	40694	18.068	ug/l	97
94) Hexachlorobutadiene	15.500	225	21387	17.886	ug/l	95
95) Naphthalene	15.641	128	117949	17.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	41463	18.194	ug/l	98

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ClientSampleId :
VN0129WBSD01

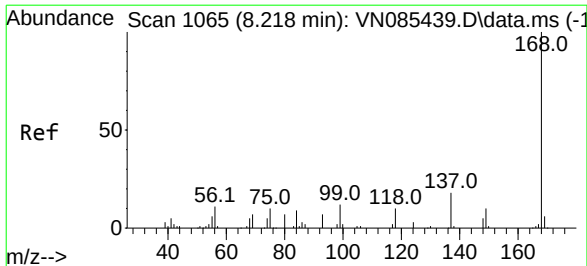
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/30/2025

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Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

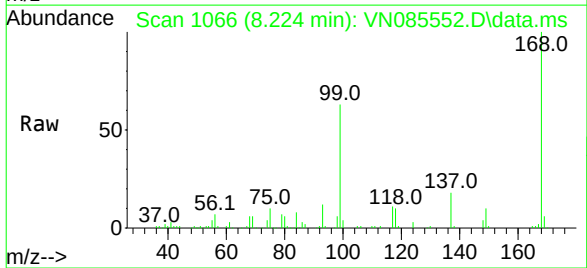
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

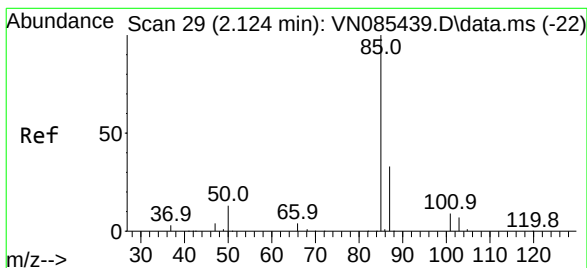
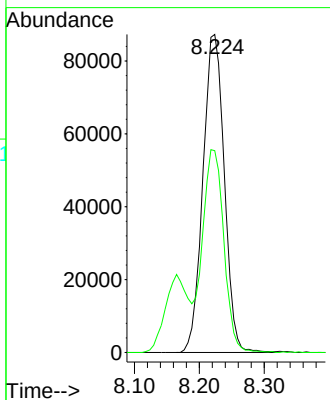
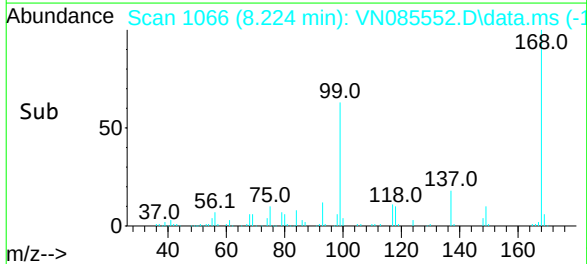
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



Tgt Ion: 168 Resp: 199896
Ion Ratio Lower Upper
168 100
99 63.4 53.6 80.4

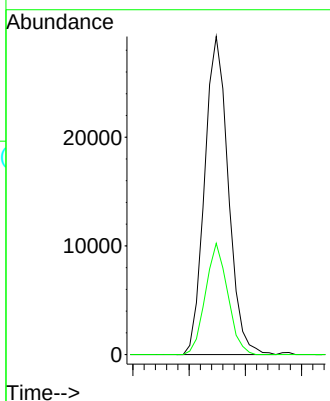
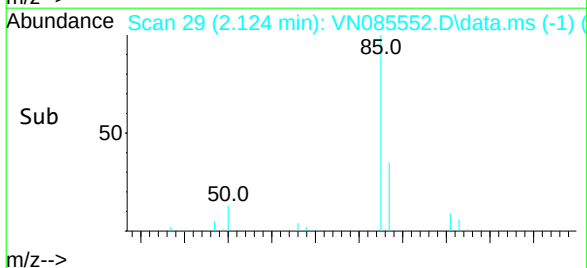
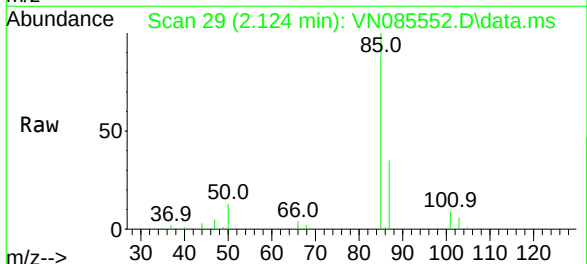
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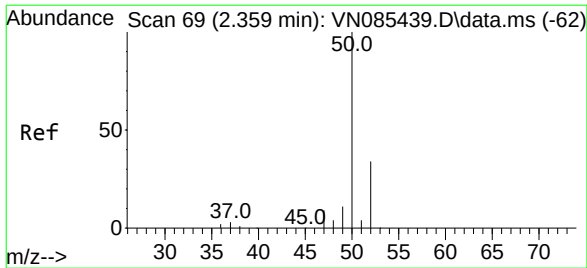
Reviewed By : John Carlone 01/30/2025
Supervised By : Mahesh Dadoda 01/30/2025



#2
Dichlorodifluoromethane
Concen: 15.816 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

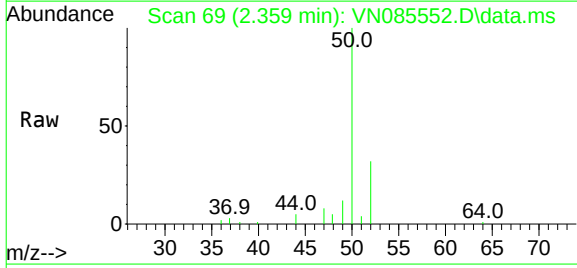
Tgt Ion: 85 Resp: 42805
Ion Ratio Lower Upper
85 100
87 35.0 16.7 50.1





#3
Chloromethane
Concen: 16.210 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

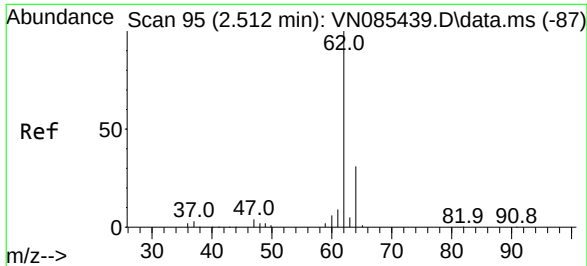
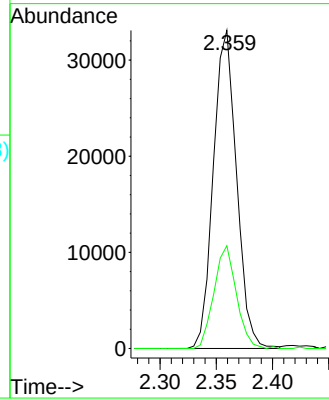
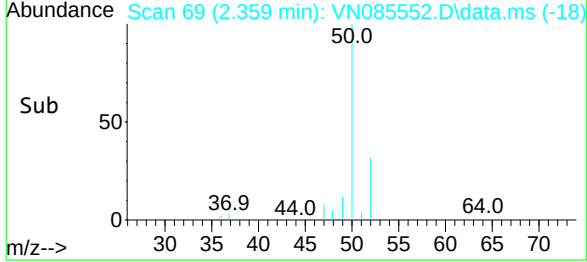
Instrument :
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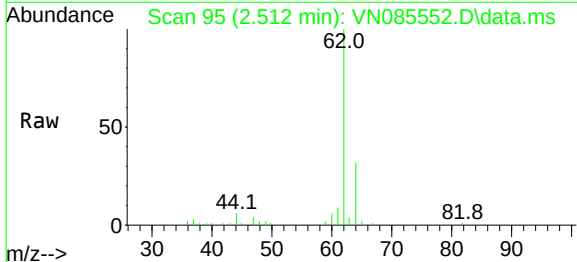
Tgt Ion: 50 Resp: 47501
Ion Ratio Lower Upper
50 100
52 32.3 27.0 40.6

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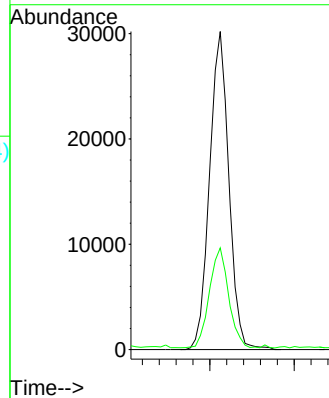
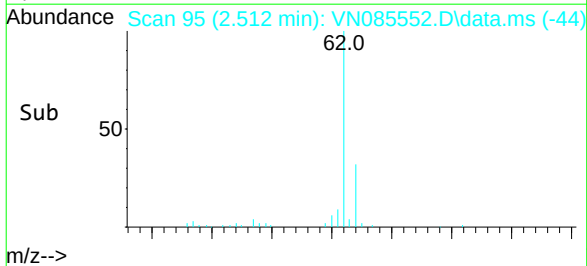
Reviewed By :John Carlone 01/30/2025
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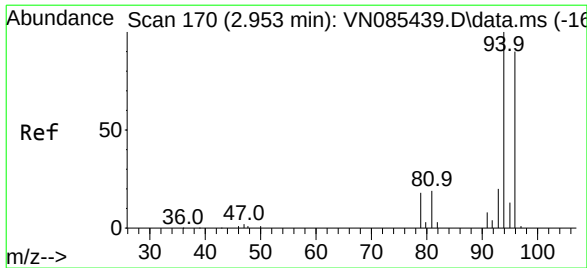


#4
Vinyl Chloride
Concen: 16.289 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04



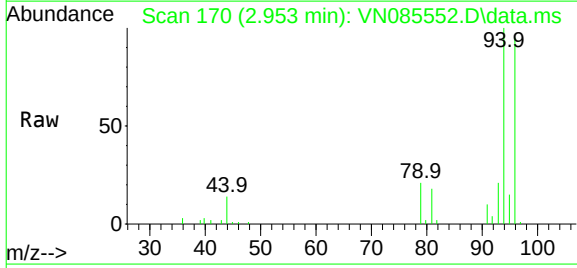
Tgt Ion: 62 Resp: 47977
Ion Ratio Lower Upper
62 100
64 31.4 24.8 37.2





#5
Bromomethane
Concen: 16.965 ug/l
RT: 2.953 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

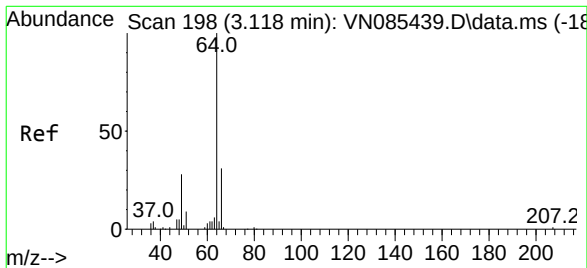
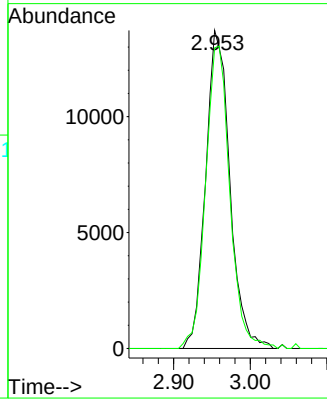
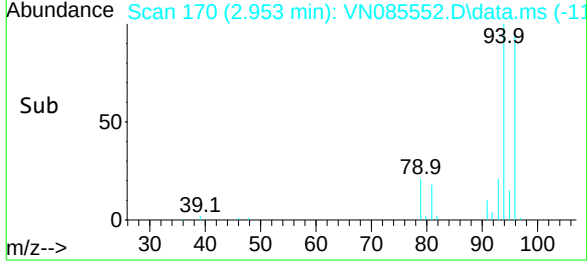
Instrument :
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Tgt Ion: 94 Resp: 30184
Ion Ratio Lower Upper
94 100
96 94.5 71.8 107.6

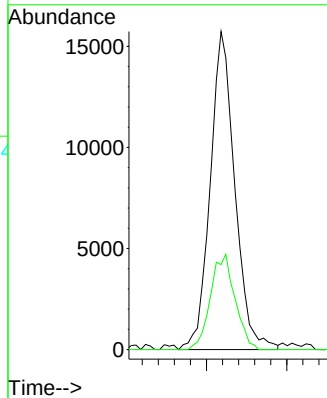
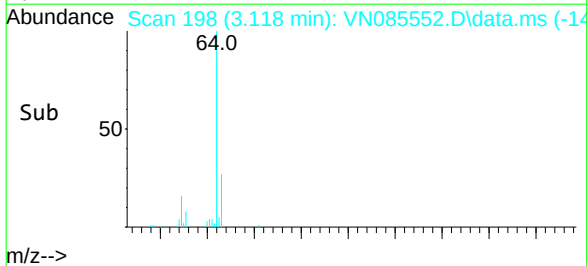
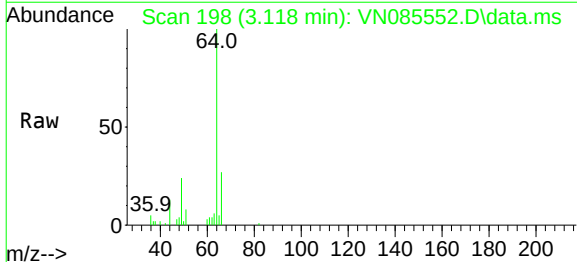
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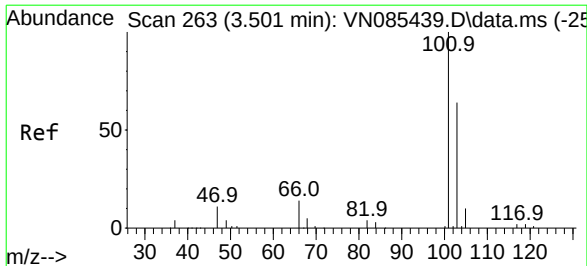
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#6
Chloroethane
Concen: 17.935 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion: 64 Resp: 33491
Ion Ratio Lower Upper
64 100
66 26.8 24.6 36.8





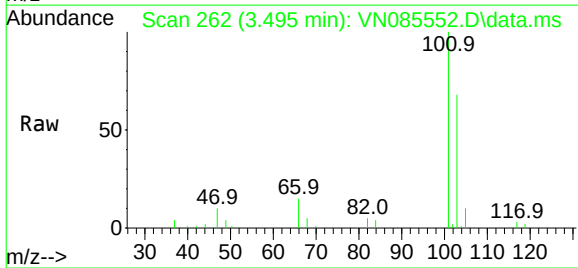
#7
 Trichlorofluoromethane
 Concen: 18.004 ug/l
 RT: 3.495 min Scan# 26
 Delta R.T. -0.006 min
 Lab File: VN085552.D
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Instrument :

MSVOA_N

ClientSampleId :

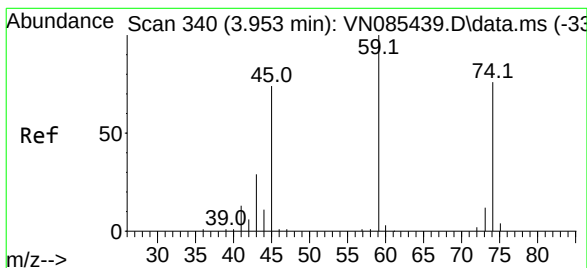
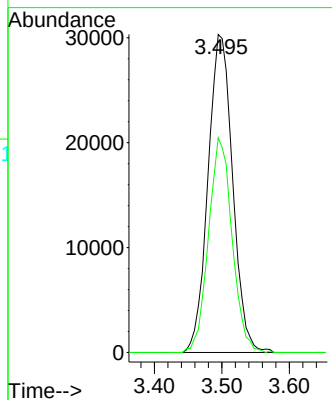
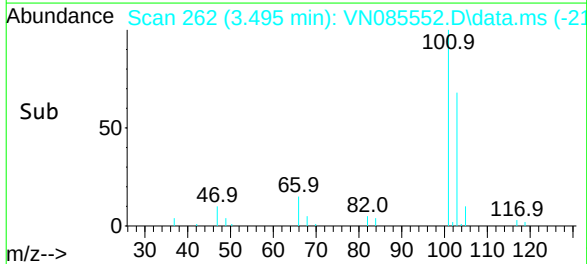
VN0129WBSD01



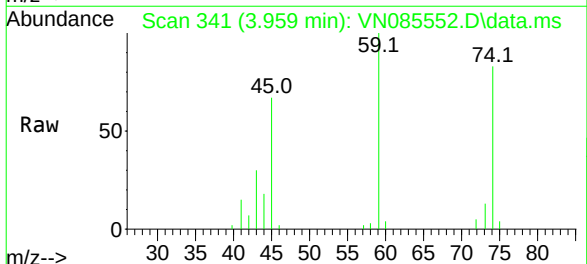
Tgt Ion:101 Resp: 76946
 Ion Ratio Lower Upper
 101 100
 103 67.5 51.4 77.2

Manual Integrations
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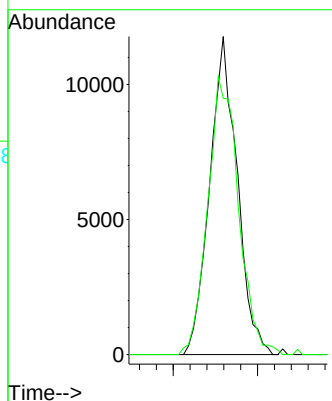
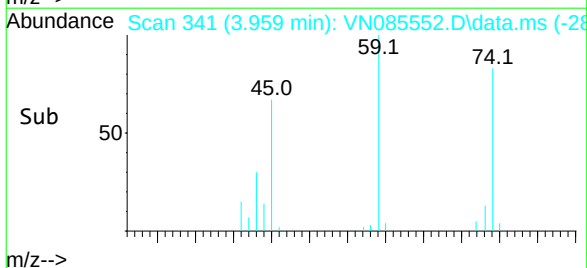
Reviewed By :John Carlone 01/30/2025
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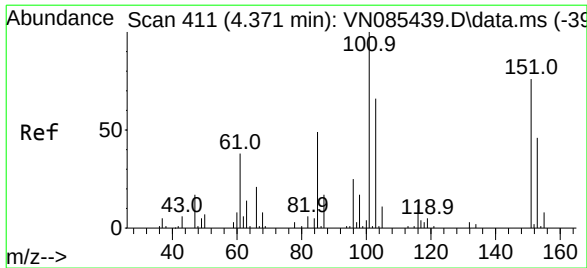


#8
 Diethyl Ether
 Concen: 18.058 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085552.D
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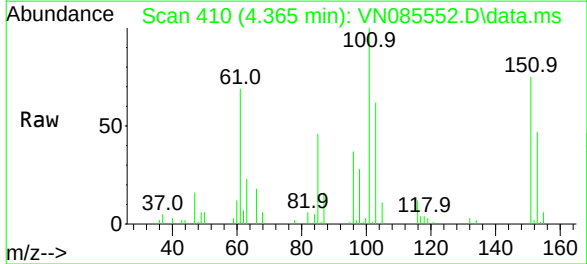
Tgt Ion: 74 Resp: 26661
 Ion Ratio Lower Upper
 74 100
 45 97.9 49.7 149.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.893 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN085552.D
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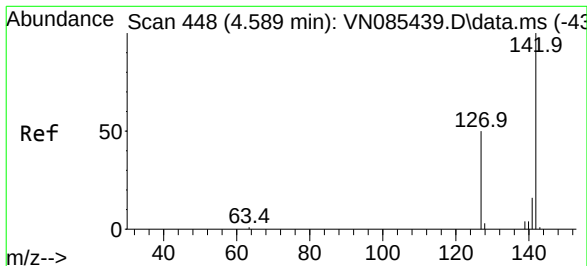
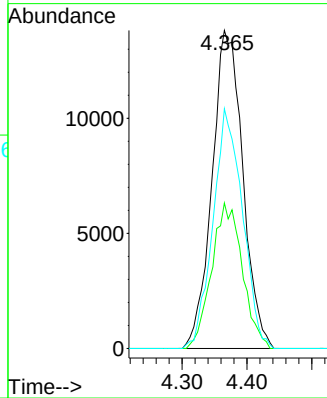
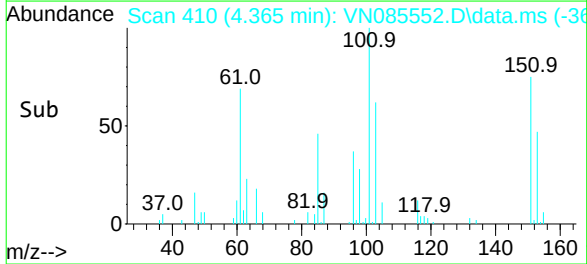
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ClientSampleId :
VN0129WBSD01



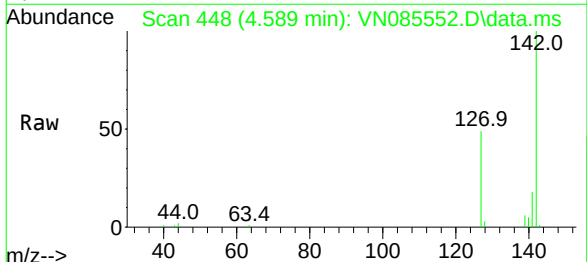
Tgt Ion:101 Resp: 45479
Ion Ratio Lower Upper
101 100
85 45.6 37.8 56.8
151 72.4 58.8 88.2

Manual Integrations
APPROVED

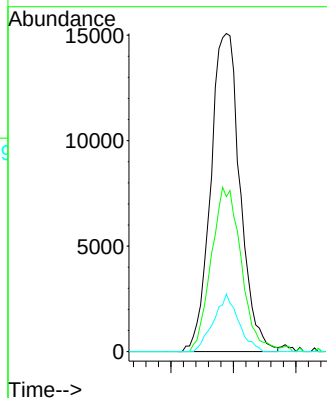
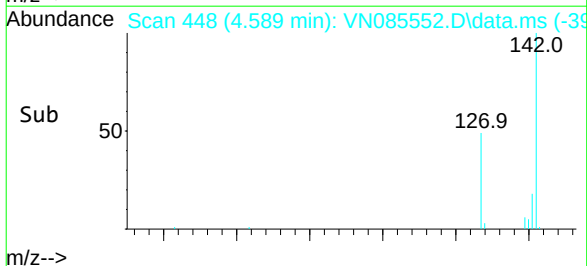
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

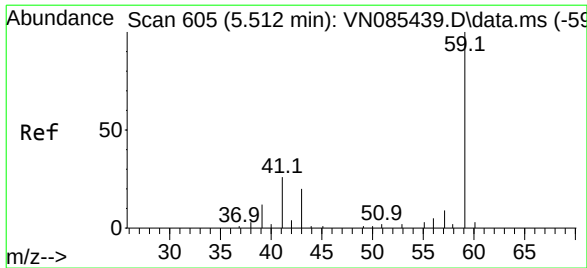


#10
Methyl Iodide
Concen: 17.872 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04



Tgt Ion:142 Resp: 49266
Ion Ratio Lower Upper
142 100
127 48.7 40.3 60.5
141 18.1 12.8 19.2





#11

Tert butyl alcohol

Concen: 120.269 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

Tgt Ion: 59 Resp: 44436

Ion Ratio Lower Upper

59 100

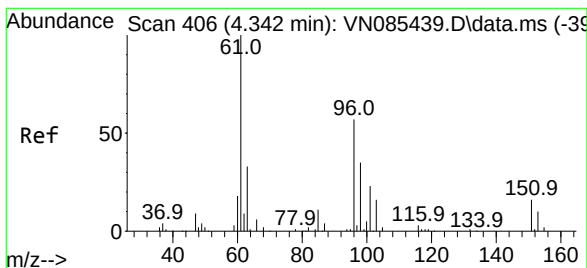
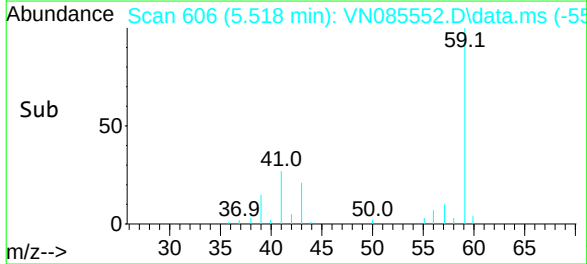
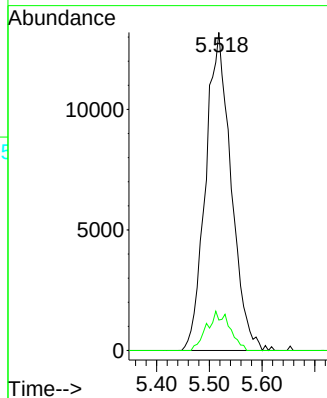
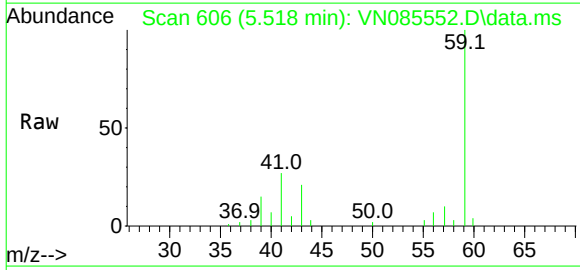
57 11.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#12

1,1-Dichloroethene

Concen: 17.909 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

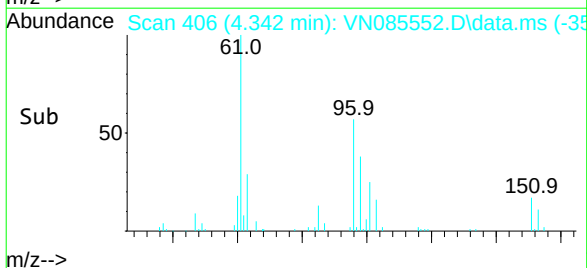
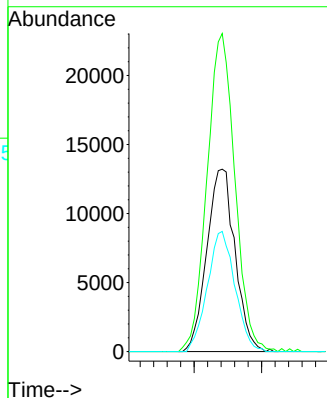
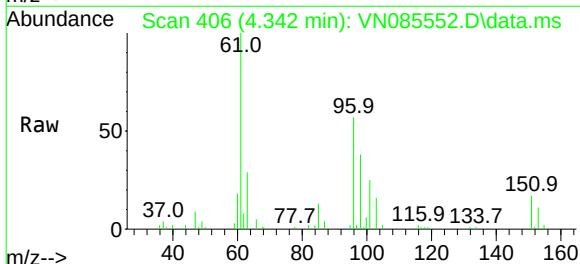
Tgt Ion: 96 Resp: 38420

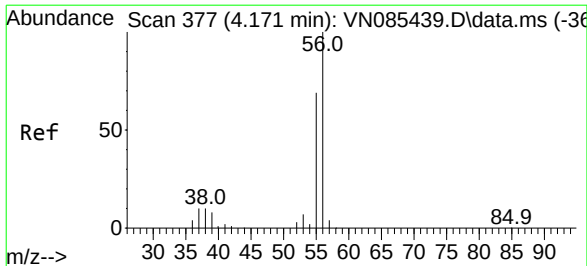
Ion Ratio Lower Upper

96 100

61 174.4 141.0 211.4

98 65.9 49.0 73.6





#13

Acrolein

Concen: 79.316 ug/l

RT: 4.177 min Scan# 377

Delta R.T. 0.006 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

Tgt Ion: 56 Resp: 40004

Ion Ratio Lower Upper

56 100

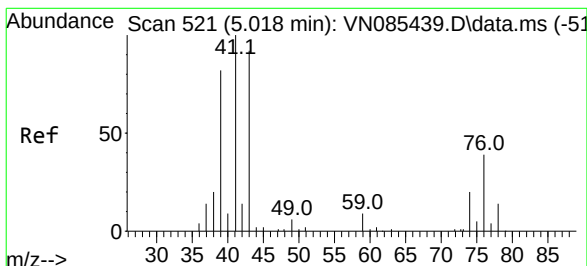
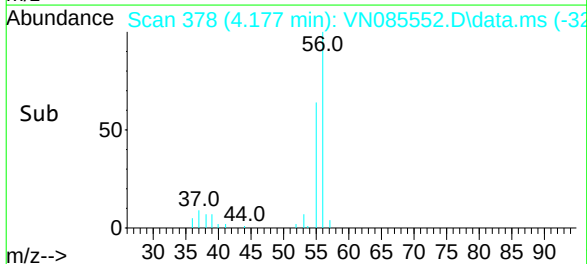
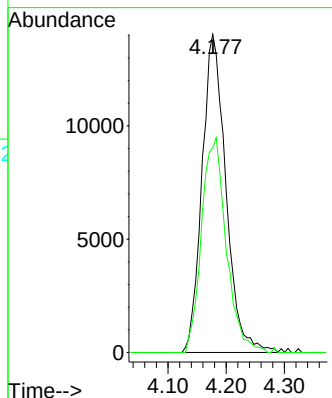
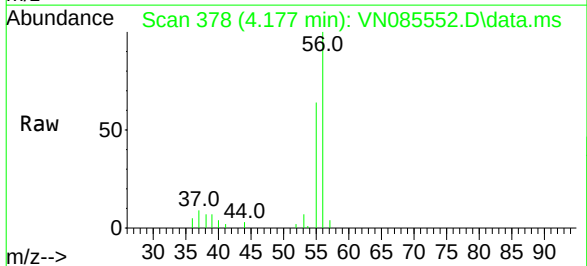
55 69.9 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#14

Allyl chloride

Concen: 17.643 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

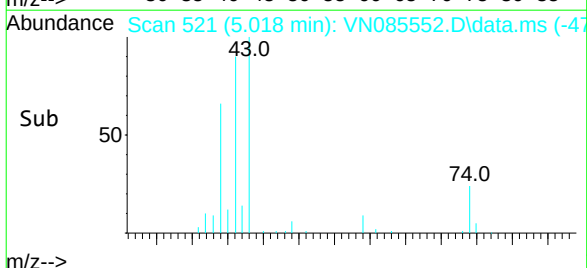
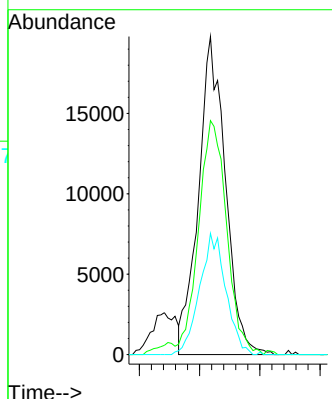
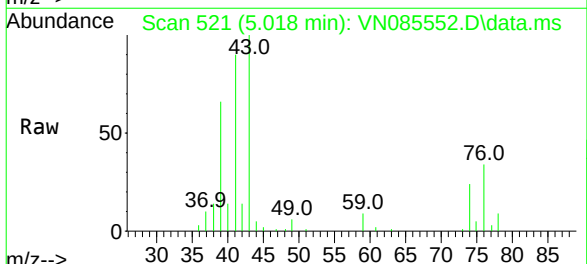
Tgt Ion: 41 Resp: 61417

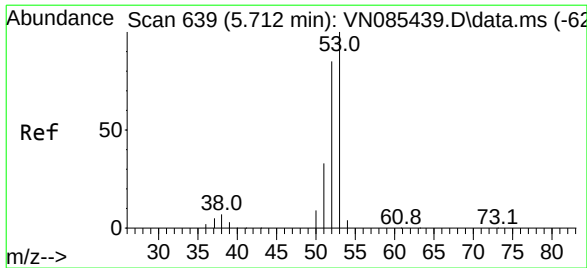
Ion Ratio Lower Upper

41 100

39 76.7 64.4 96.6

76 37.1 30.5 45.7





#15

Acrylonitrile

Concen: 108.256 ug/l

RT: 5.718 min Scan# 64

Delta R.T. 0.006 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

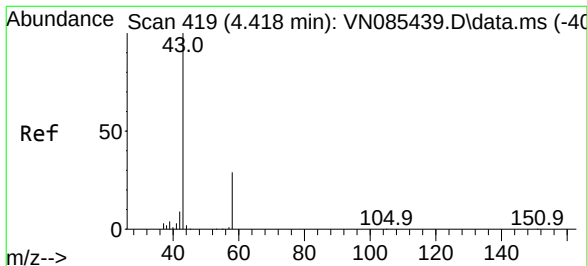
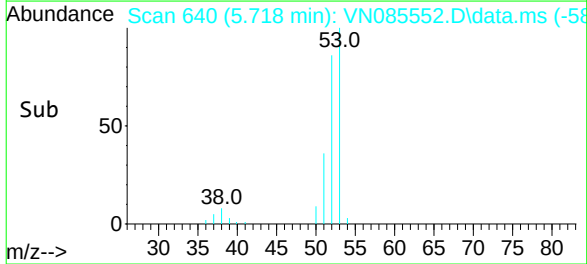
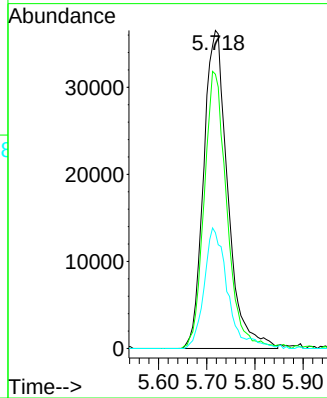
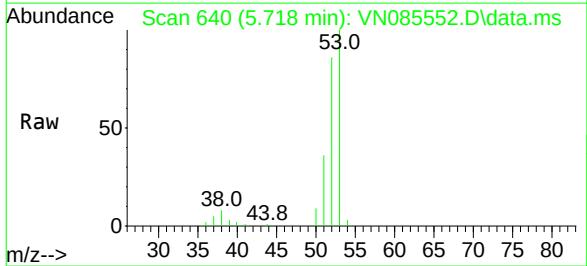
Tgt Ion:	53	Resp:	127045
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	35.0	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#16

Acetone

Concen: 109.834 ug/l

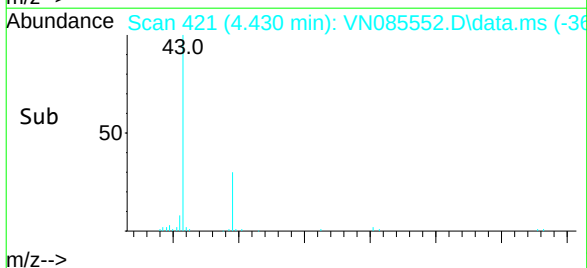
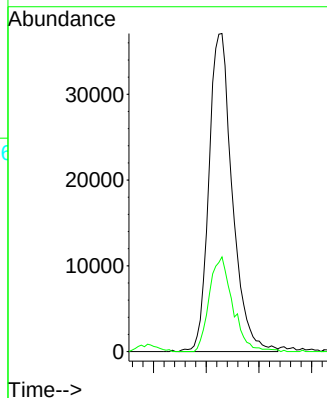
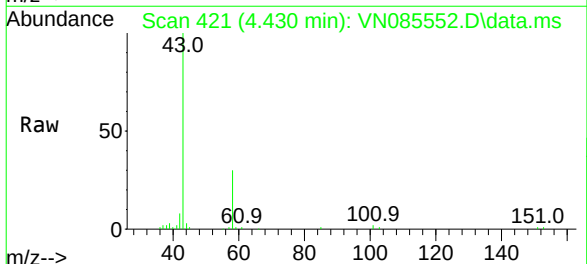
RT: 4.430 min Scan# 421

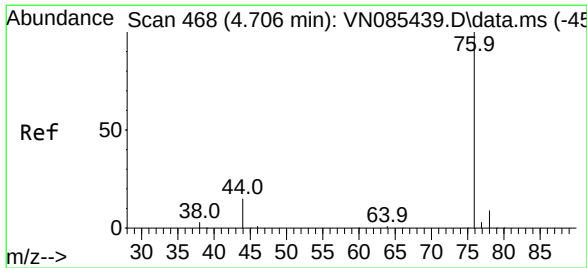
Delta R.T. 0.012 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

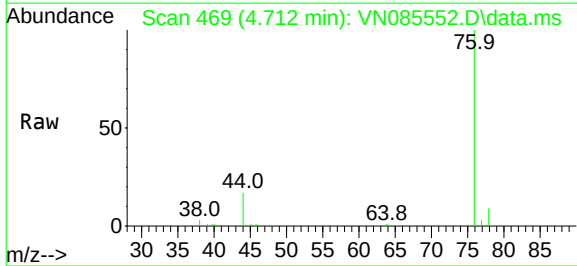
Tgt Ion:	43	Resp:	114508
Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.8	35.6





#17
Carbon Disulfide
Concen: 14.567 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

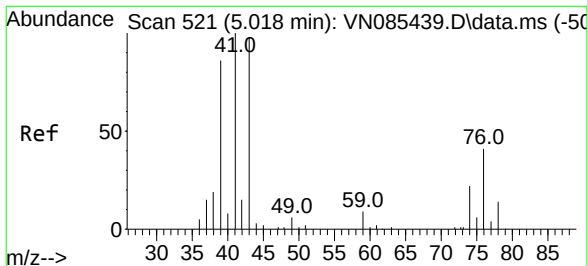
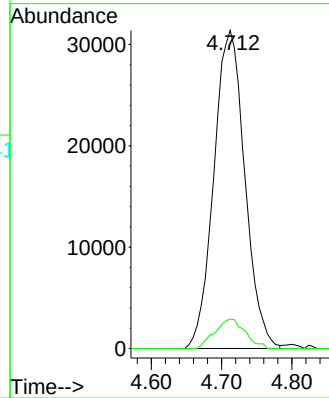
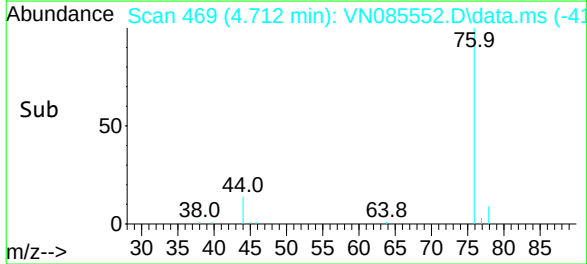
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



Tgt Ion: 76 Resp: 96222
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3

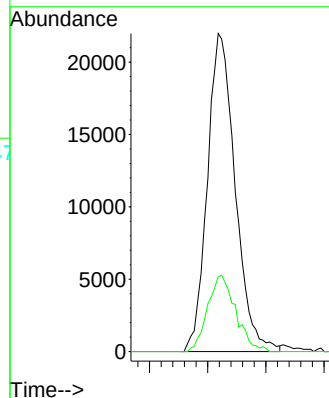
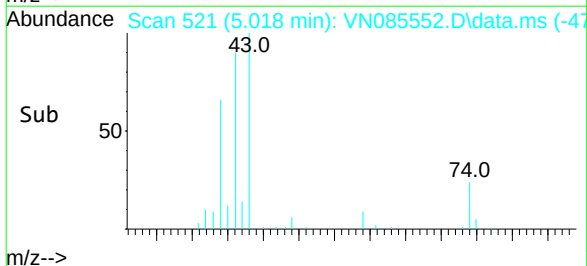
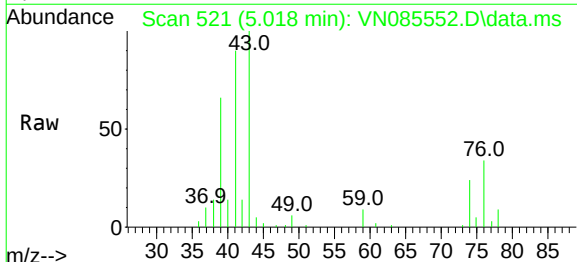
Manual Integrations
APPROVED

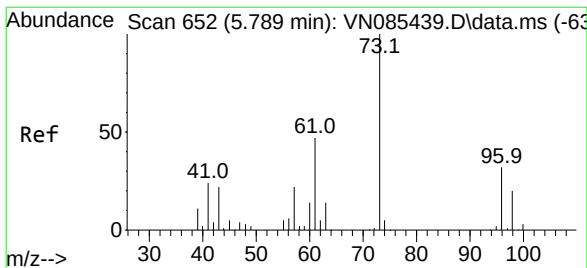
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#18
Methyl Acetate
Concen: 23.027 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

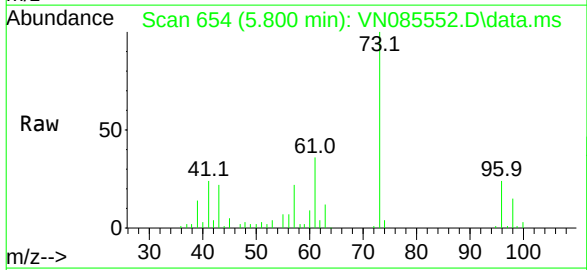
Tgt Ion: 43 Resp: 73000
Ion Ratio Lower Upper
43 100
74 24.2 18.6 28.0





#19
Methyl tert-butyl Ether
Concen: 20.418 ug/l
RT: 5.800 min Scan# 65
Delta R.T. 0.012 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

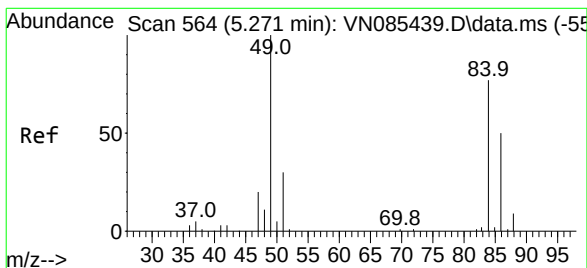
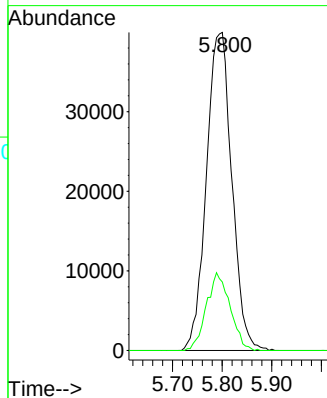
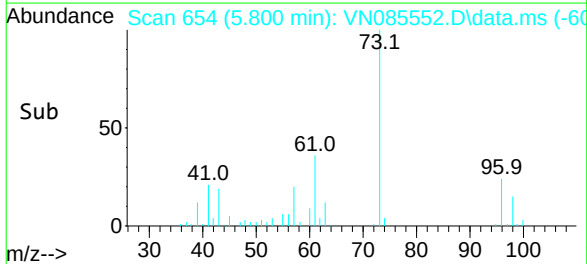
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



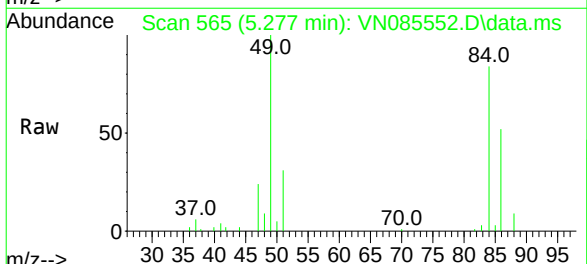
Tgt Ion: 73 Resp: 142236
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.8

Manual Integrations
APPROVED

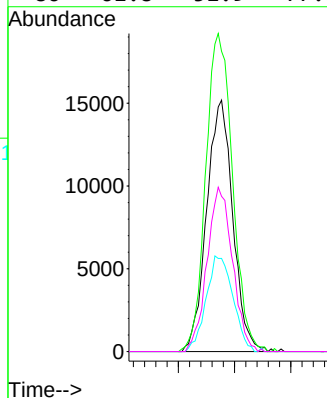
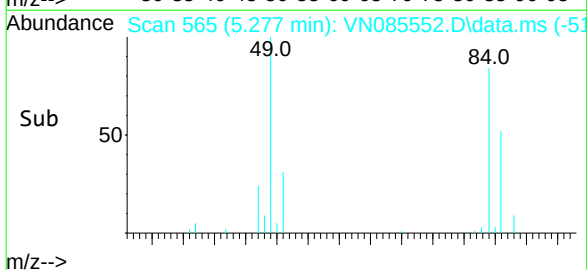
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

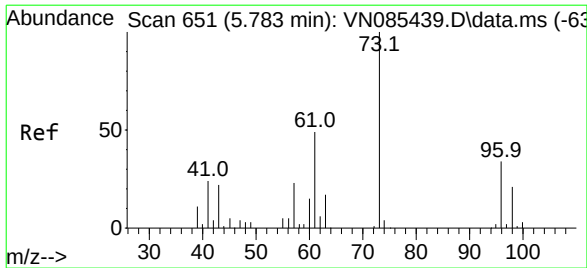


#20
Methylene Chloride
Concen: 19.037 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04



Tgt Ion: 84 Resp: 49133
Ion Ratio Lower Upper
84 100
49 119.4 104.1 156.1
51 37.1 31.0 46.4
86 61.8 51.9 77.9





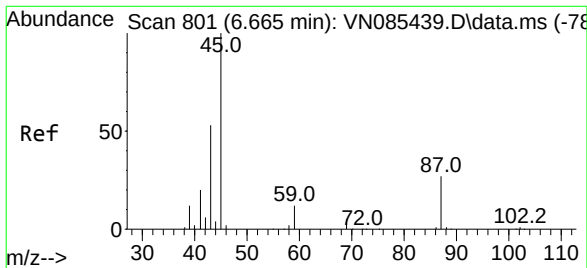
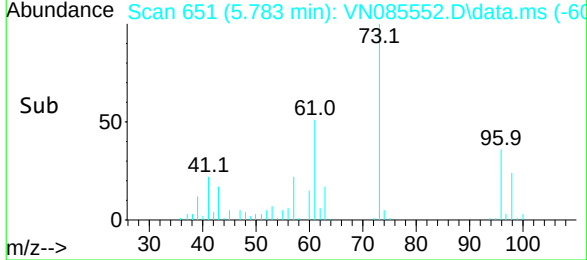
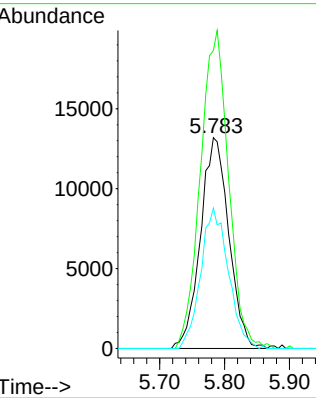
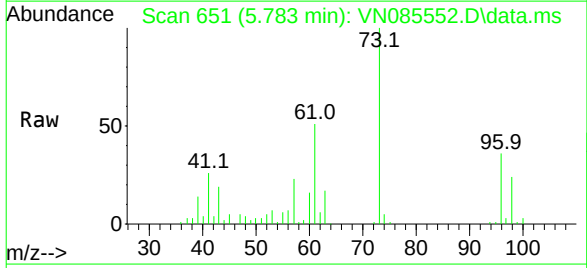
#21
trans-1,2-Dichloroethene
Concen: 17.456 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tgt Ion: 96 Resp: 40021
Ion Ratio Lower Upper
96 100
61 141.4 115.7 173.5
98 66.6 49.8 74.8

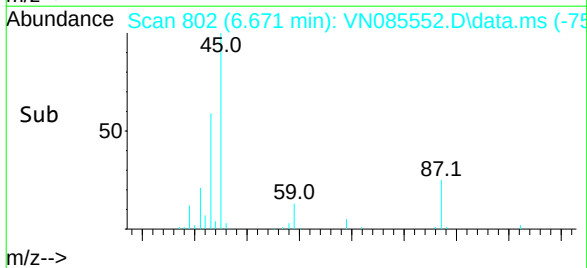
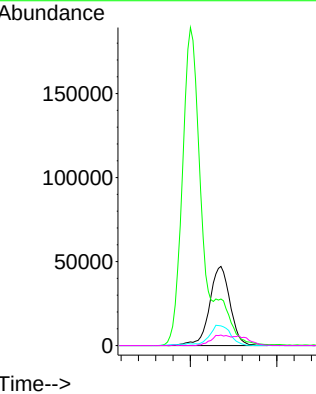
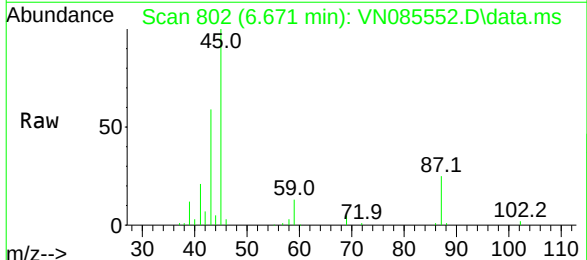
Manual Integrations
APPROVED

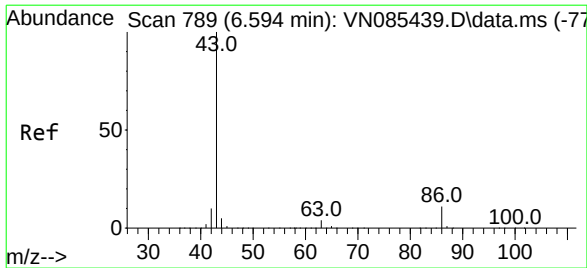
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#22
Diisopropyl ether
Concen: 20.044 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion: 45 Resp: 154873
Ion Ratio Lower Upper
45 100
43 57.4 45.0 67.6
87 24.9 21.8 32.8
59 13.3 10.2 15.2





#23

Vinyl Acetate

Concen: 99.867 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

Tgt Ion: 43 Resp: 540007

Ion Ratio Lower Upper

43 100

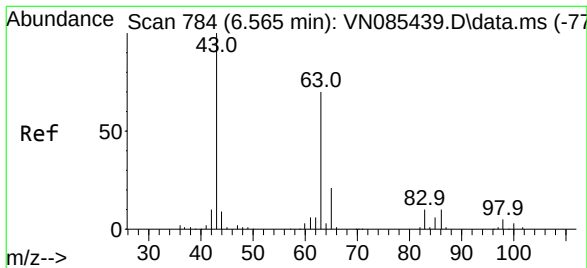
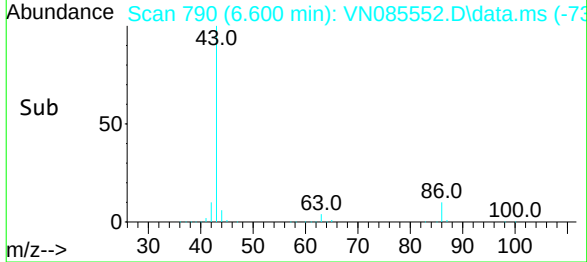
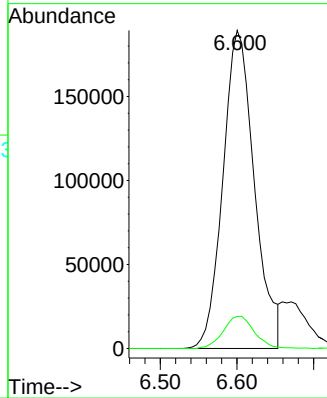
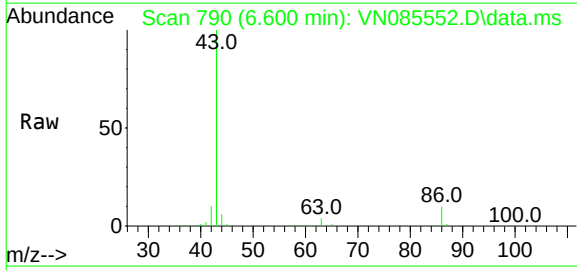
86 10.1 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#24

1,1-Dichloroethane

Concen: 19.129 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

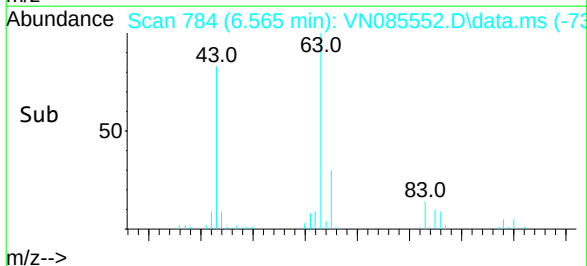
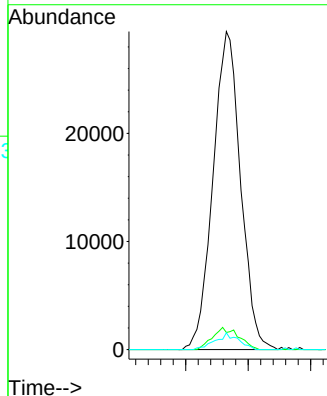
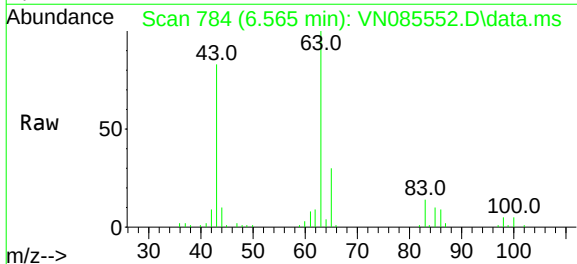
Tgt Ion: 63 Resp: 90121

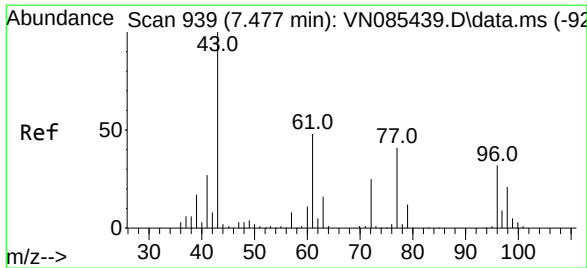
Ion Ratio Lower Upper

63 100

98 5.4 3.3 9.8

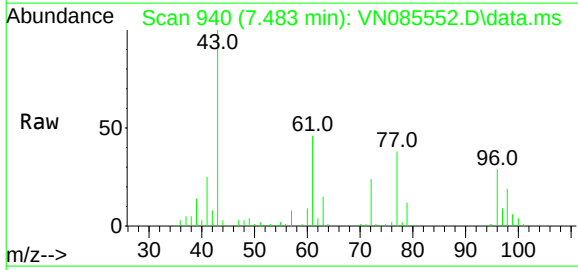
100 5.3 2.0 6.0





#25
2-Butanone
Concen: 109.240 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

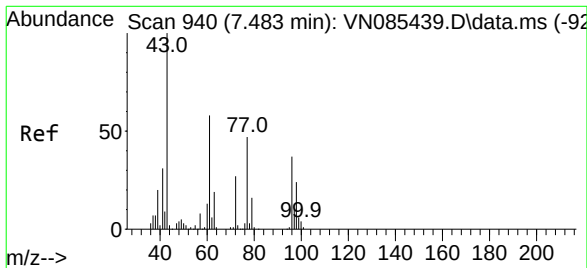
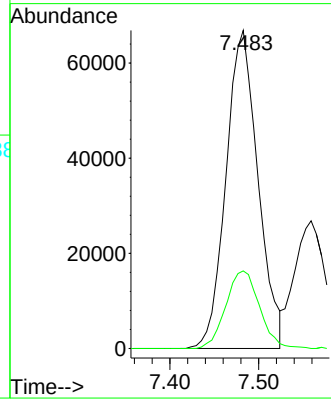
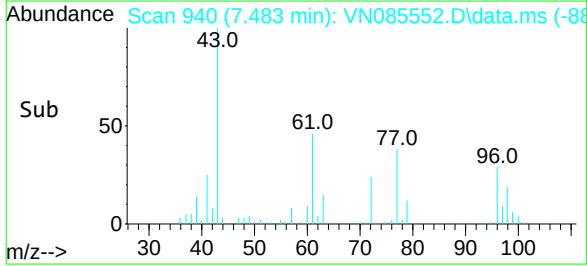
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



Tgt Ion: 43 Resp: 167598
Ion Ratio Lower Upper
43 100
72 24.4 20.2 30.4

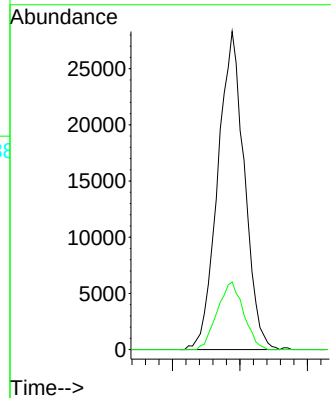
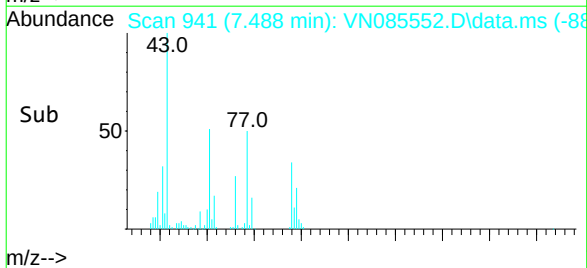
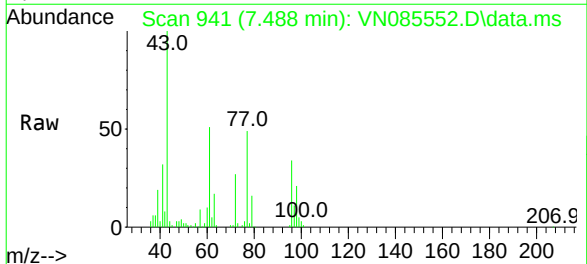
Manual Integrations
APPROVED

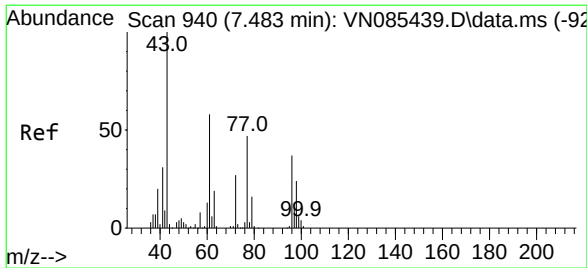
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#26
2,2-Dichloropropane
Concen: 20.344 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

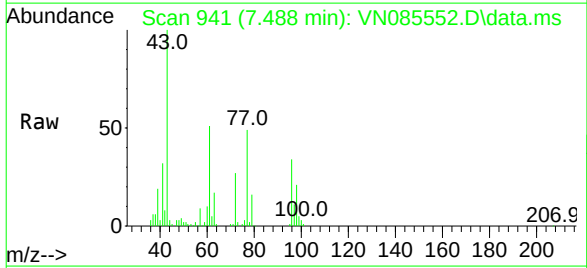
Tgt Ion: 77 Resp: 77491
Ion Ratio Lower Upper
77 100
97 21.0 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 18.725 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

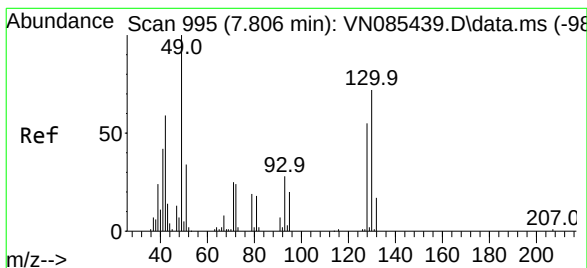
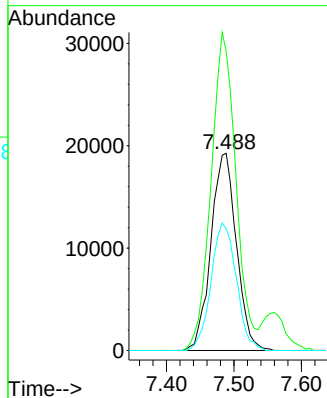
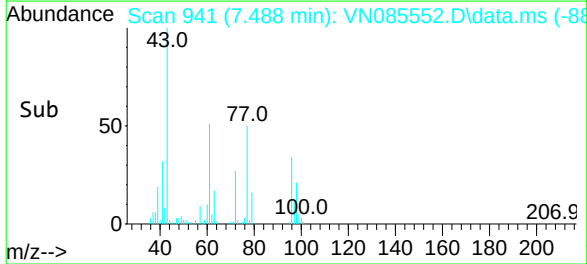
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



Tgt Ion: 96 Resp: 50565
Ion Ratio Lower Upper
96 100
61 157.7 0.0 311.8
98 64.2 0.0 126.0

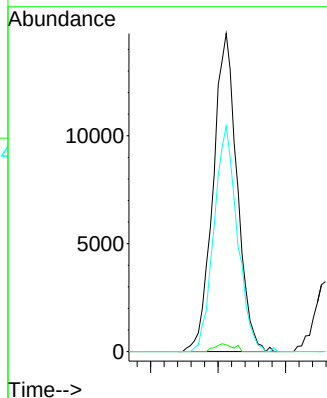
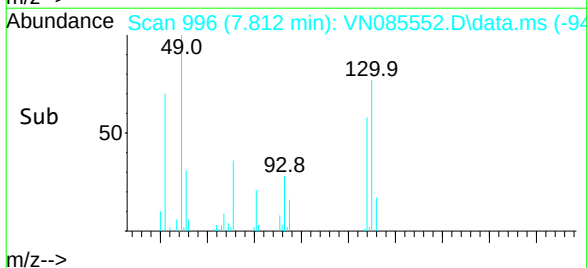
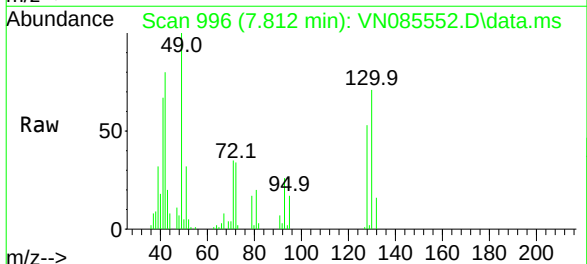
Manual Integrations
APPROVED

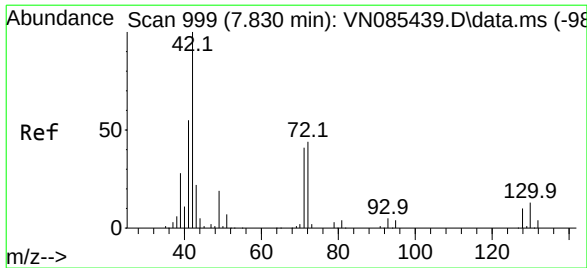
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#28
Bromochloromethane
Concen: 16.605 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion: 49 Resp: 36396
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 69.1 55.0 82.4





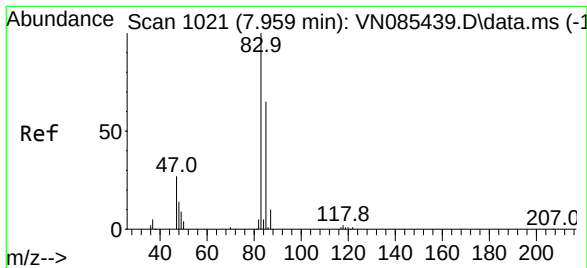
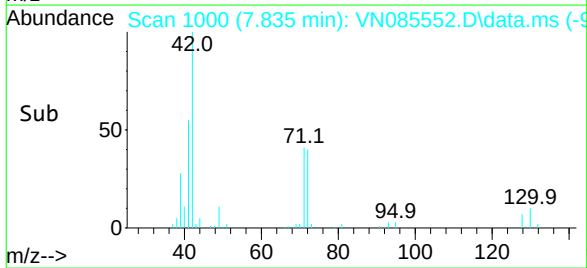
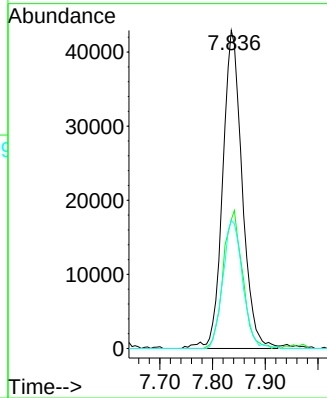
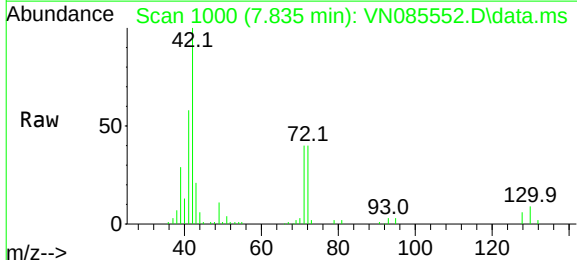
#29
Tetrahydrofuran
Concen: 113.317 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tgt Ion: 42 Resp: 110223
Ion Ratio Lower Upper
42 100
72 43.0 34.2 51.2
71 41.1 32.5 48.7

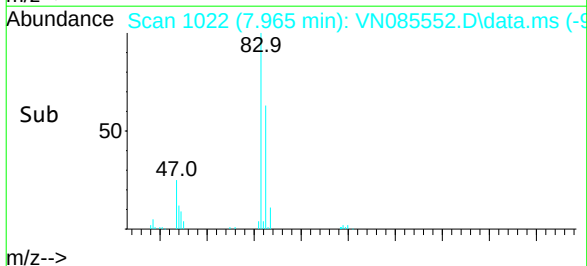
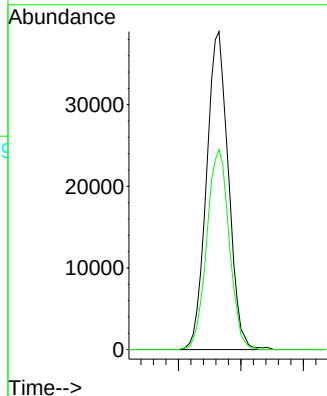
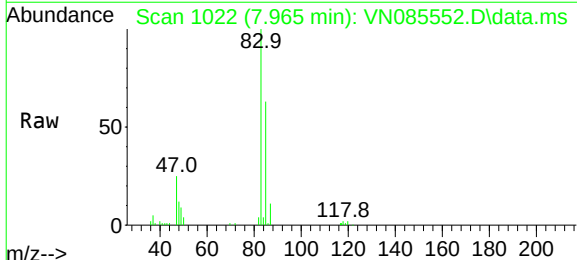
Manual Integrations
APPROVED

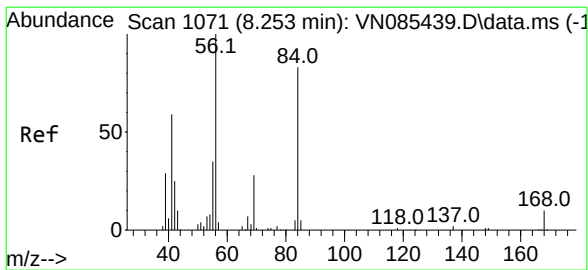
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#30
Chloroform
Concen: 19.443 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

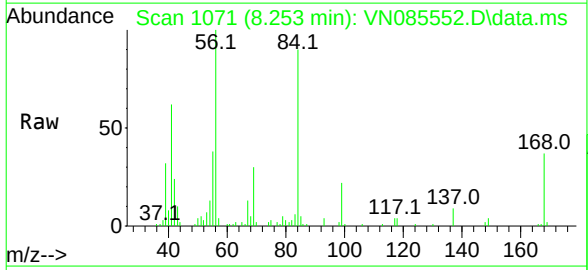
Tgt Ion: 83 Resp: 94675
Ion Ratio Lower Upper
83 100
85 62.9 51.8 77.6





#31
Cyclohexane
Concen: 15.991 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

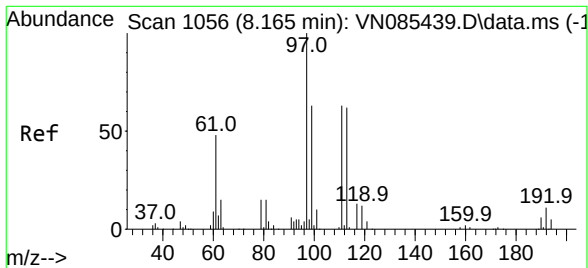
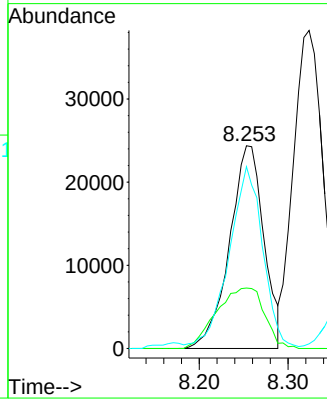
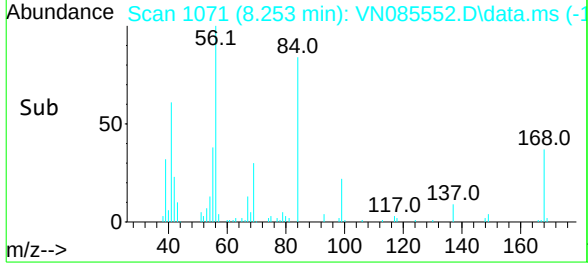
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.8	22.2	33.4
84	87.1	66.4	99.6

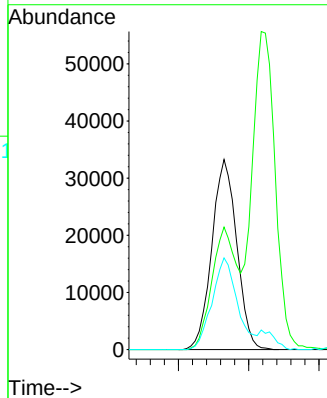
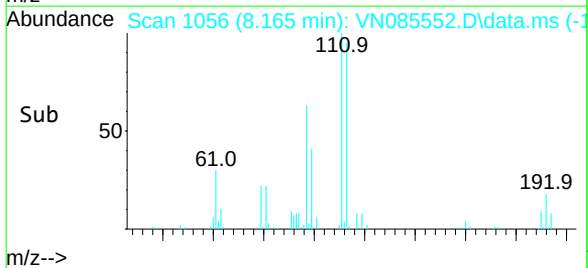
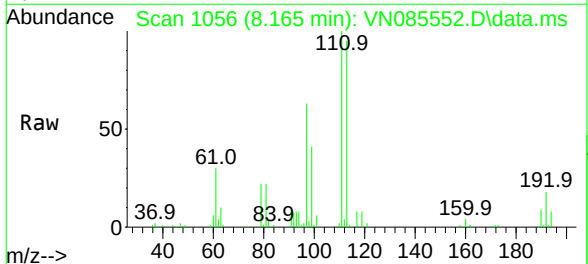
Manual Integrations
APPROVED

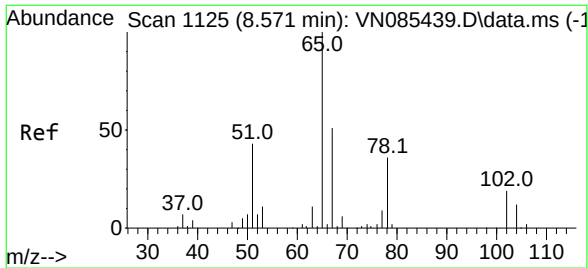
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#32
1,1,1-Trichloroethane
Concen: 19.203 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

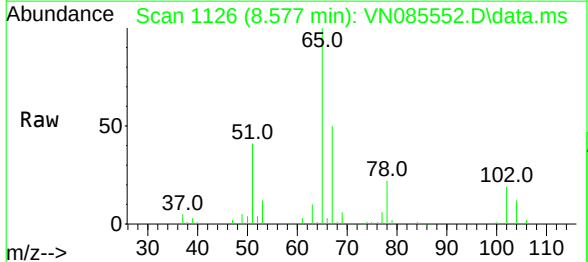
Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	49.8	74.6
61	49.4	41.4	62.2





#33
1,2-Dichloroethane-d4
Concen: 51.947 ug/l
RT: 8.577 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

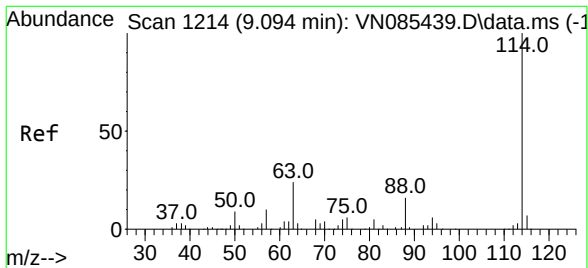
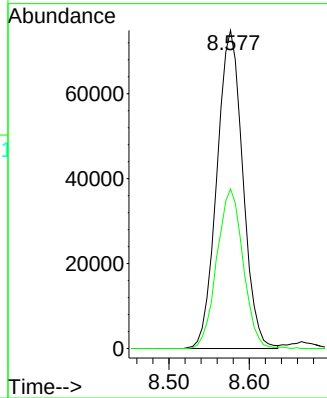
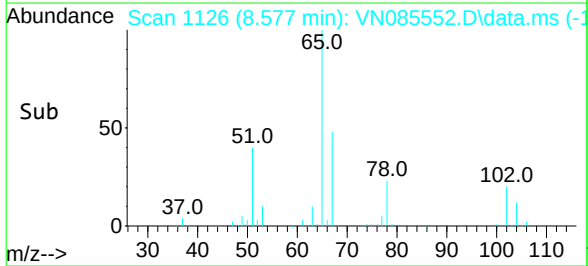
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



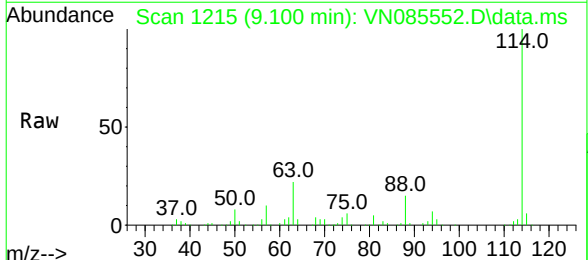
Tgt Ion: 65 Resp: 167615
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.6

Manual Integrations
APPROVED

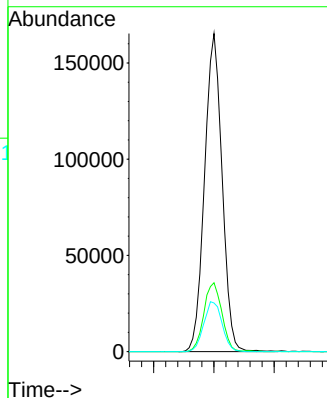
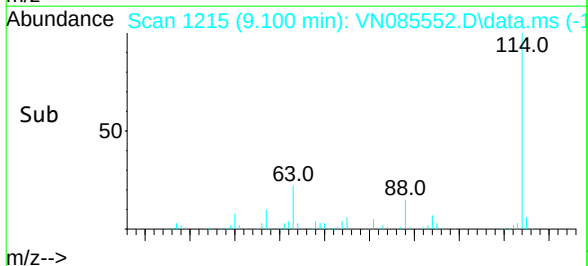
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

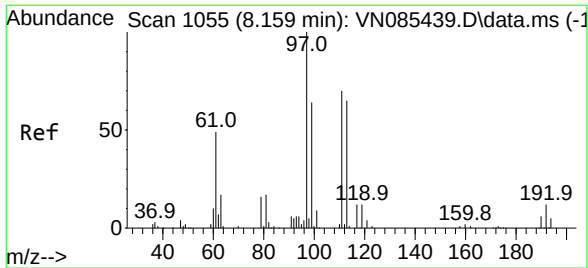


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04



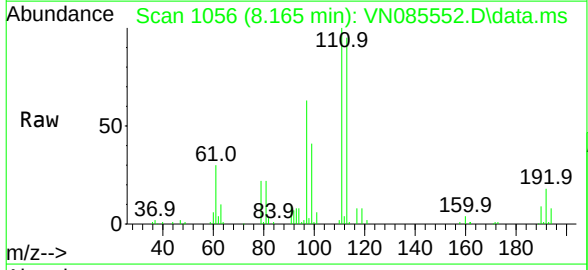
Tgt Ion:114 Resp: 334279
Ion Ratio Lower Upper
114 100
63 21.6 0.0 47.6
88 15.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.775 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

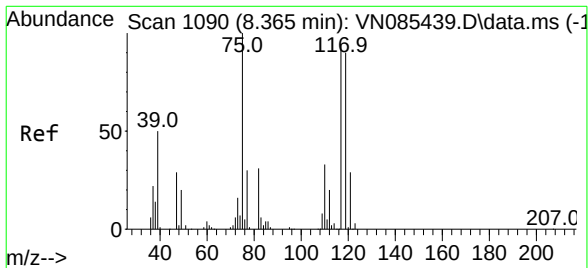
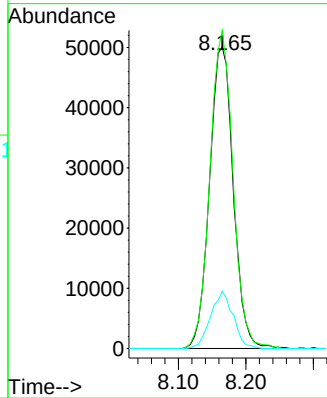
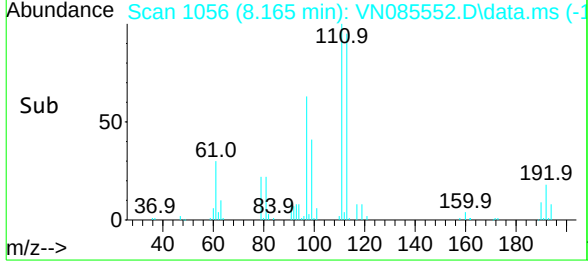
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



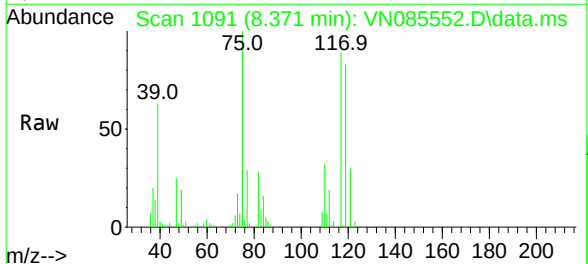
Tgt Ion: 113 Resp: 122396
Ion Ratio Lower Upper
113 100
111 103.0 82.7 124.1
192 18.1 14.3 21.5

Manual Integrations
APPROVED

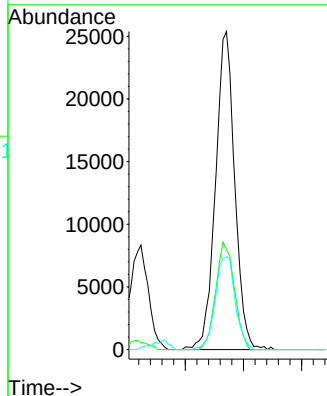
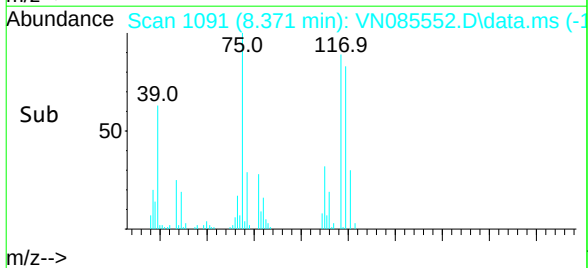
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

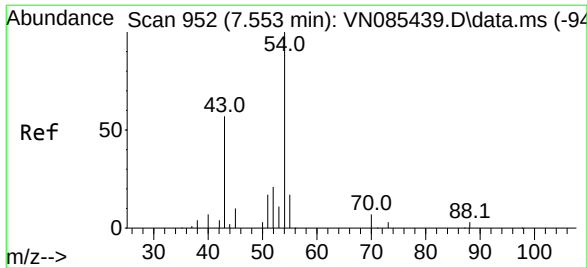


#36
1,1-Dichloropropene
Concen: 17.894 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04



Tgt Ion: 75 Resp: 58241
Ion Ratio Lower Upper
75 100
110 32.8 16.5 49.5
77 30.6 24.4 36.6





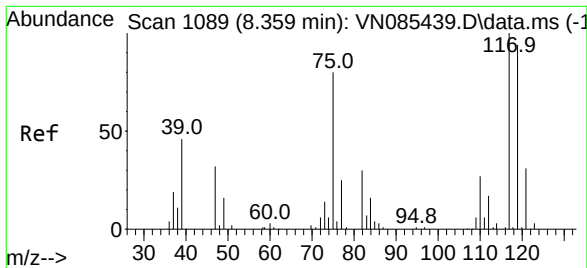
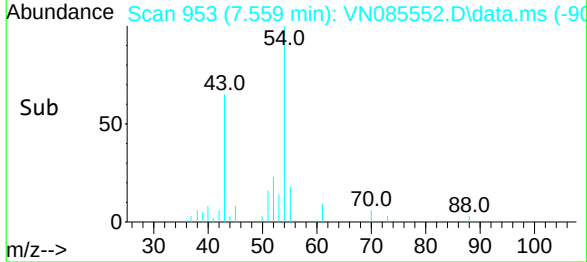
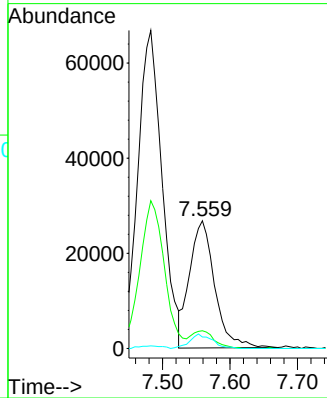
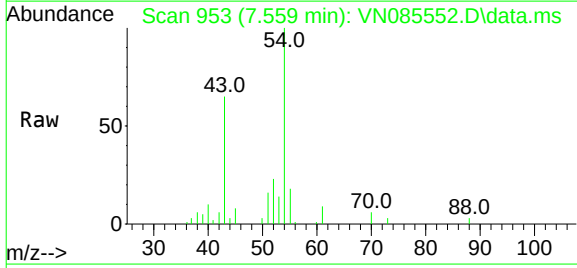
#37
Ethyl Acetate
Concen: 21.109 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tgt Ion:	43	Resp:	69349
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.9	16.3
70	10.1	7.5	11.3

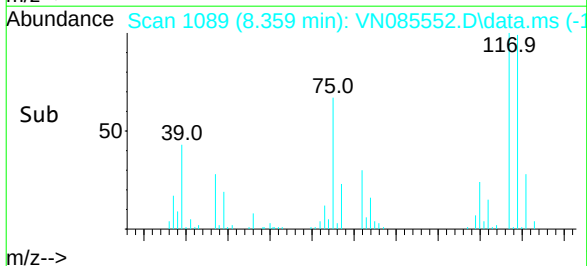
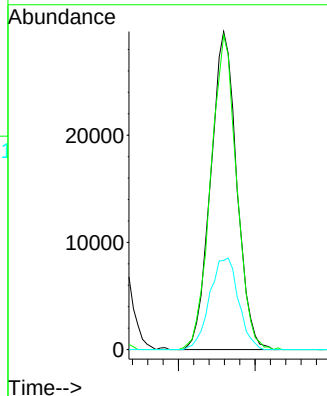
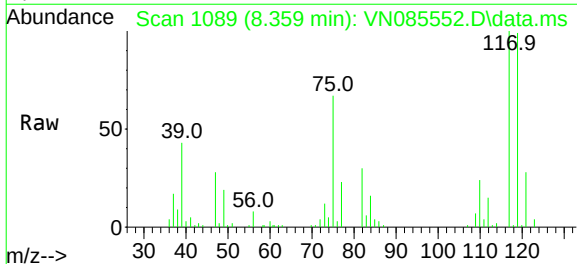
Manual Integrations
APPROVED

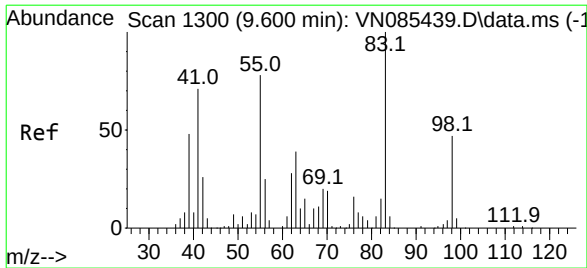
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#38
Carbon Tetrachloride
Concen: 18.756 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion:	117	Resp:	69887
Ion	Ratio	Lower	Upper
117	100		
119	98.9	75.4	113.2
121	28.0	24.6	37.0





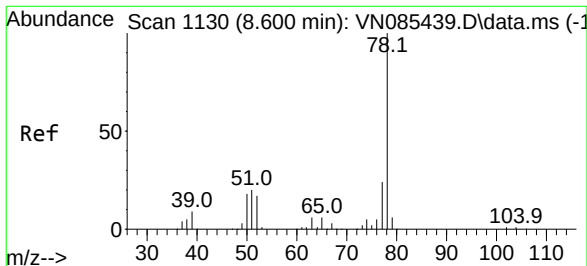
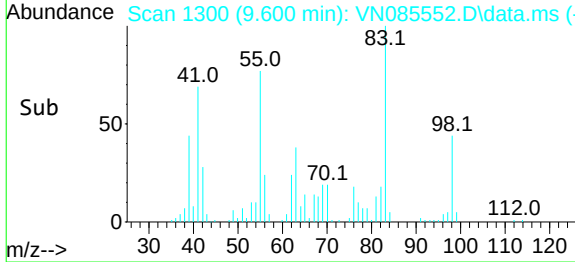
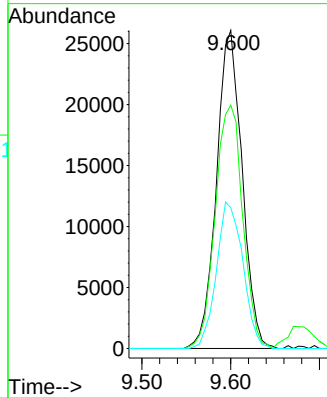
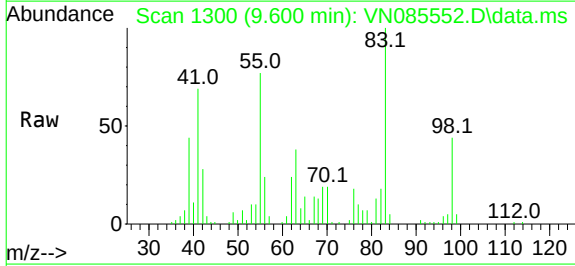
#39
Methylcyclohexane
Concen: 17.082 ug/l
RT: 9.600 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tgt Ion: 83 Resp: 52245
Ion Ratio Lower Upper
83 100
55 76.5 62.6 94.0
98 44.3 37.7 56.5

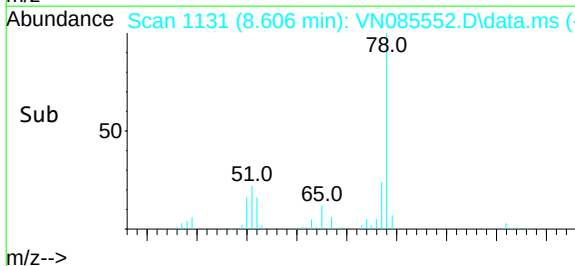
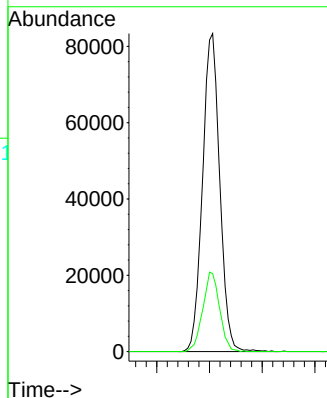
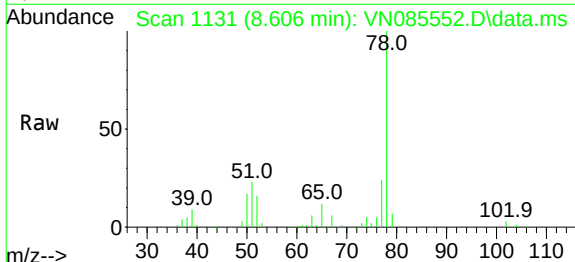
Manual Integrations
APPROVED

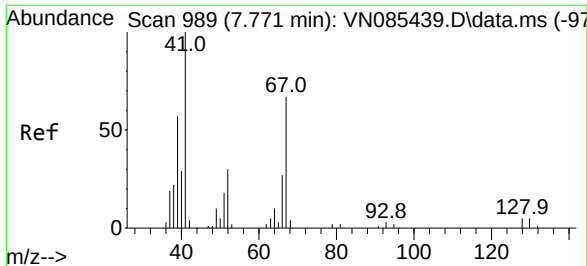
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#40
Benzene
Concen: 19.325 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

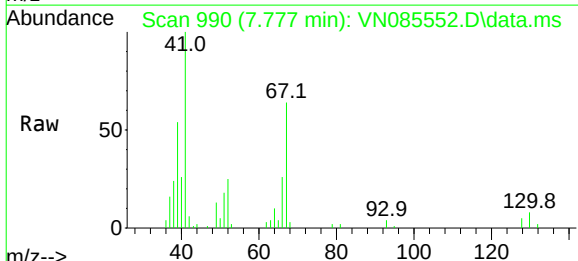
Tgt Ion: 78 Resp: 188989
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6





#41
Methacrylonitrile
Concen: 21.538 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

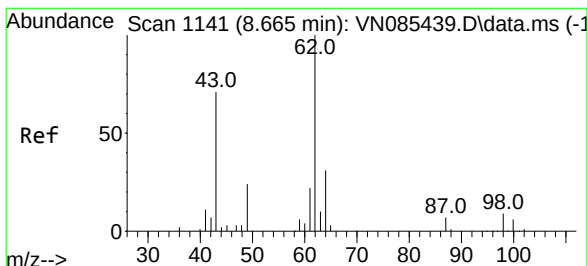
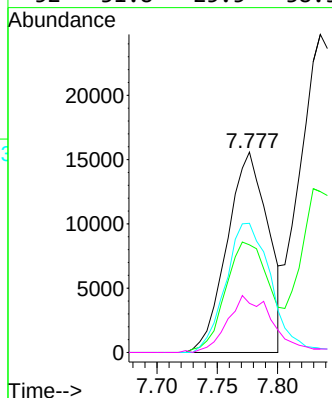
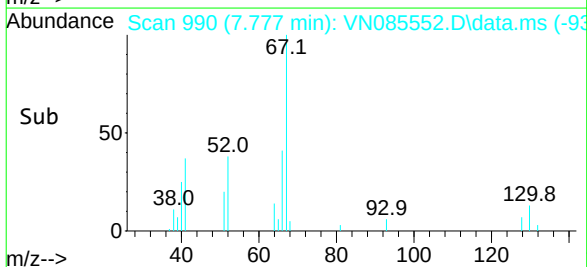
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



Tgt Ion: 41 Resp: 36813
Ion Ratio Lower Upper
41 100
39 60.9 46.0 69.0
67 71.2 57.4 86.2
52 31.8 25.5 38.3

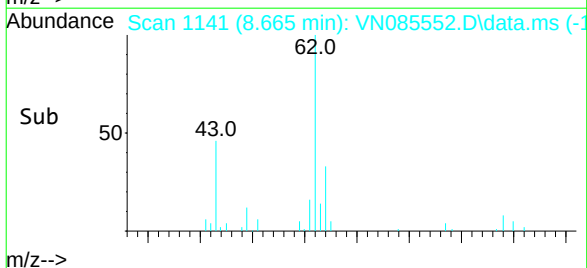
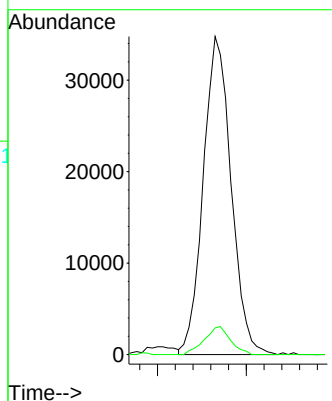
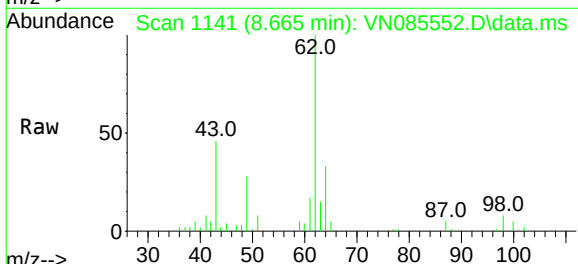
Manual Integrations
APPROVED

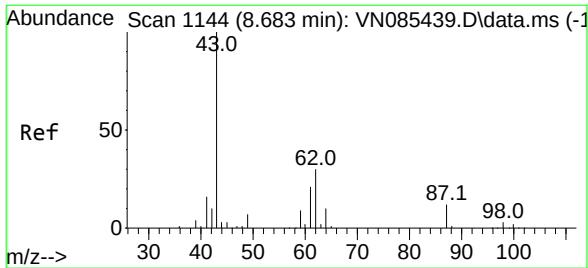
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#42
1,2-Dichloroethane
Concen: 20.586 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion: 62 Resp: 75825
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.0





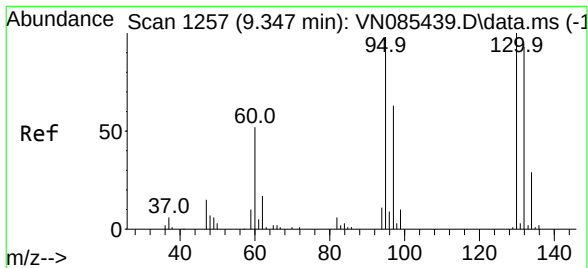
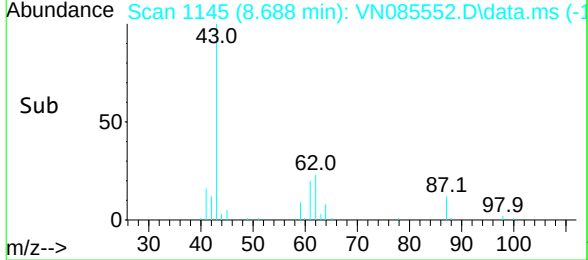
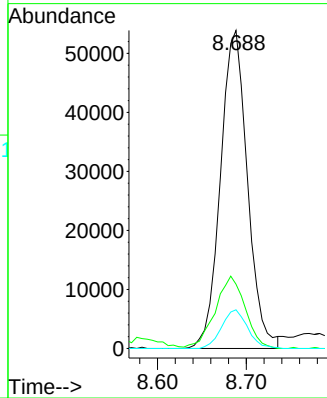
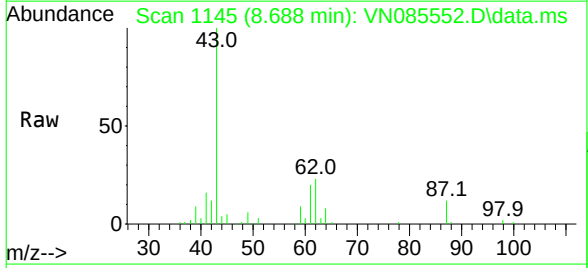
#43
Isopropyl Acetate
Concen: 21.627 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tgt Ion: 43 Resp: 113844
Ion Ratio Lower Upper
43 100
61 25.4 20.7 31.1
87 11.7 9.8 14.8

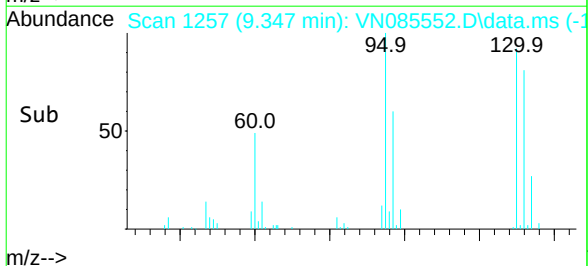
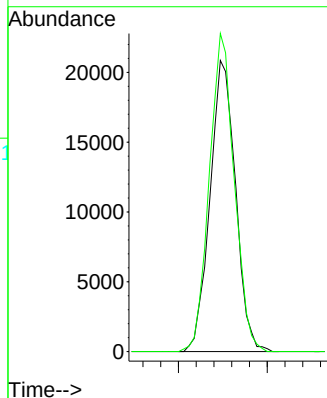
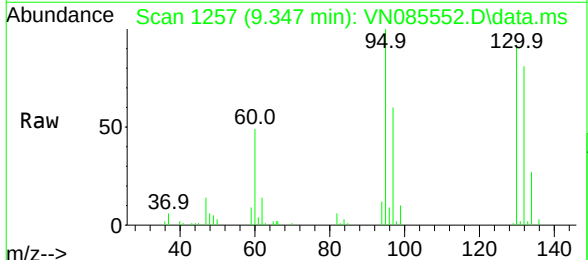
Manual Integrations
APPROVED

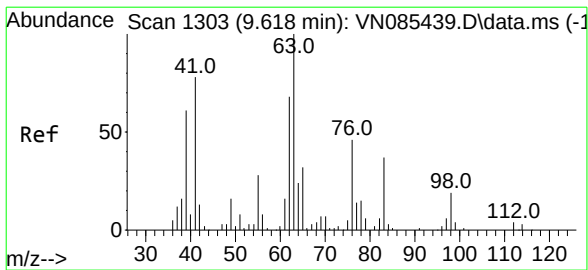
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#44
Trichloroethene
Concen: 18.266 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

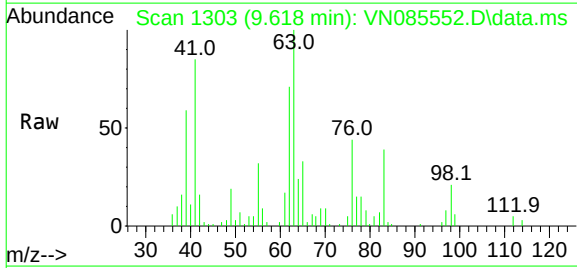
Tgt Ion:130 Resp: 41582
Ion Ratio Lower Upper
130 100
95 109.2 0.0 195.8





#45
1,2-Dichloropropane
Concen: 19.620 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

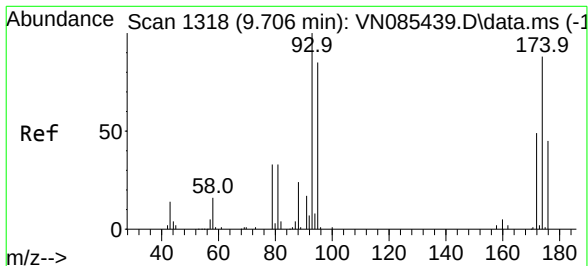
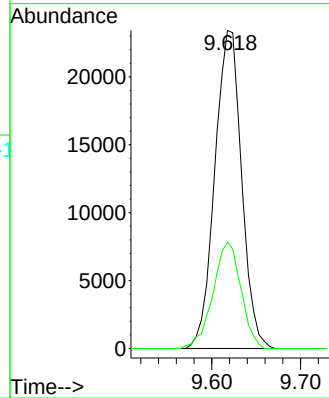
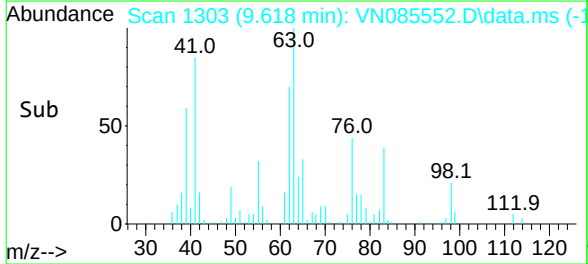
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



Tgt Ion: 63 Resp: 49009
Ion Ratio Lower Upper
63 100
65 33.4 25.6 38.4

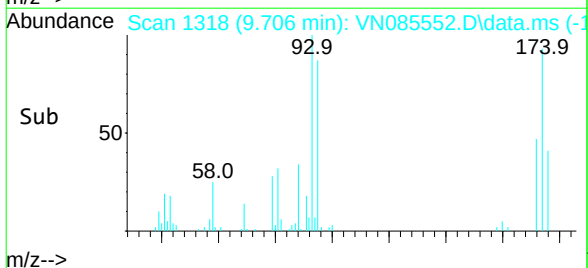
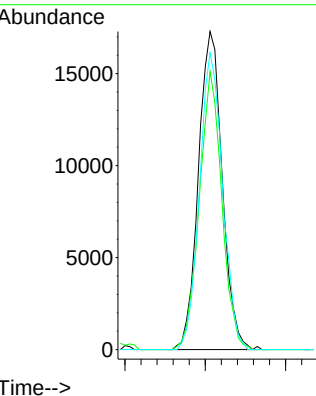
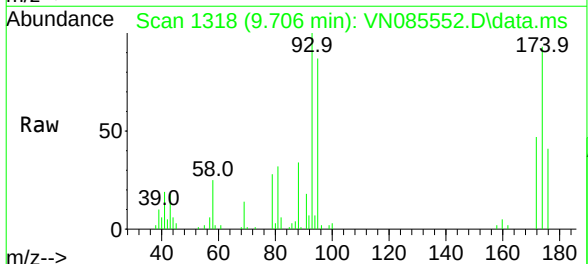
Manual Integrations
APPROVED

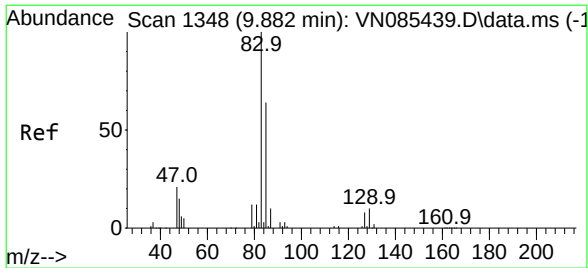
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#46
Dibromomethane
Concen: 19.747 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion: 93 Resp: 35593
Ion Ratio Lower Upper
93 100
95 82.5 64.7 97.1
174 90.7 69.0 103.4





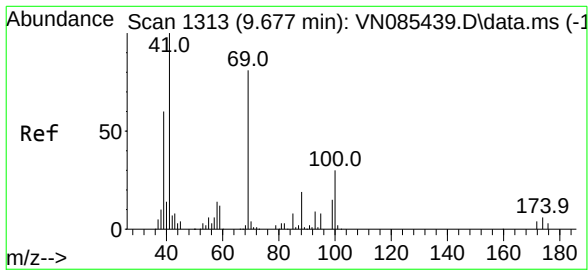
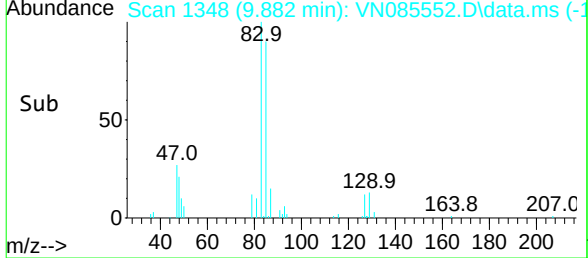
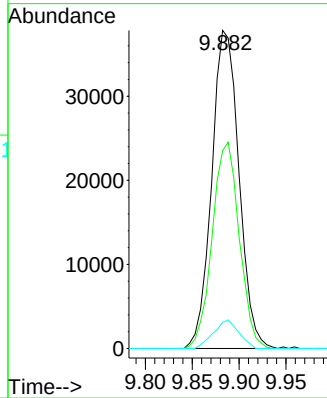
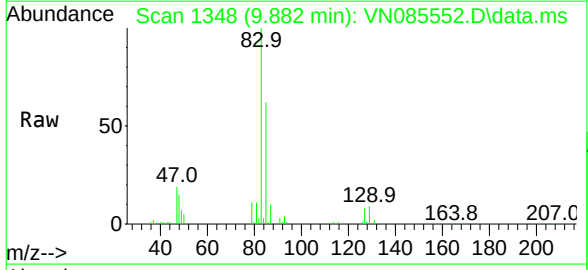
#47
 Bromodichloromethane
 Concen: 20.821 ug/l
 RT: 9.882 min Scan# 1348
 Delta R.T. 0.000 min
 Lab File: VN085552.D
 Acq: 29 Jan 2025 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBSD01

Tgt Ion:	83	Resp:	76456
Ion Ratio	Lower	Upper	
83	100		
85	62.2	51.2	76.8
127	8.2	6.5	9.7

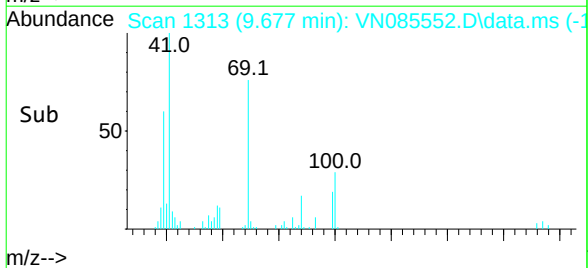
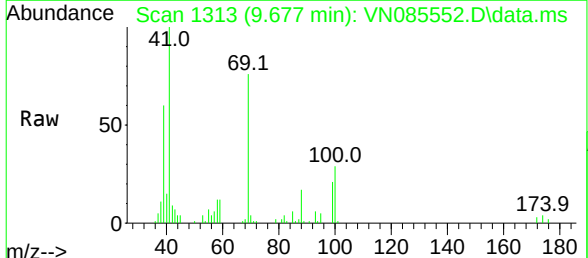
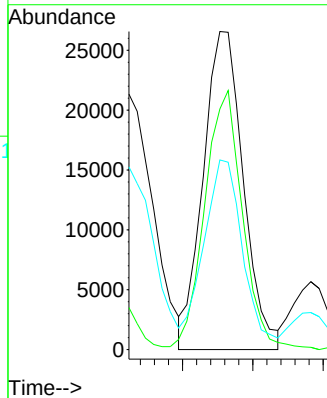
Manual Integrations
 APPROVED

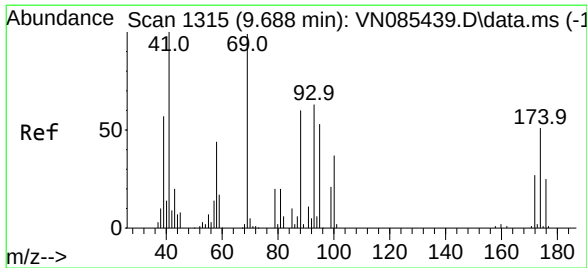
Reviewed By :John Carlone 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#48
 Methyl methacrylate
 Concen: 22.232 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085552.D
 Acq: 29 Jan 2025 13:04

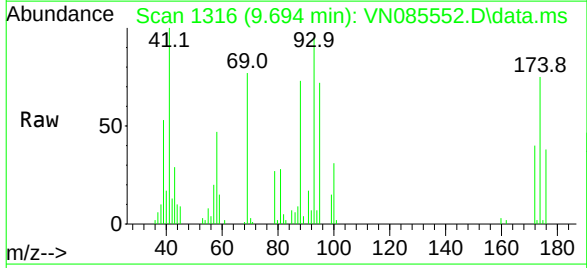
Tgt Ion:	41	Resp:	52667
Ion Ratio	Lower	Upper	
41	100		
69	77.0	64.7	97.1
39	58.7	49.0	73.6





#49
1,4-Dioxane
Concen: 486.754 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

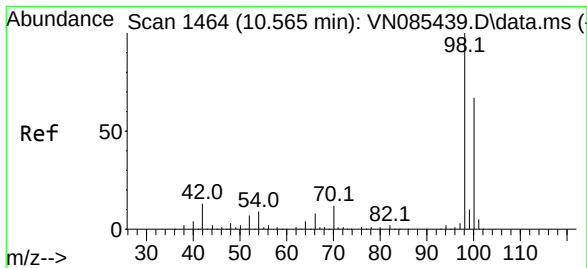
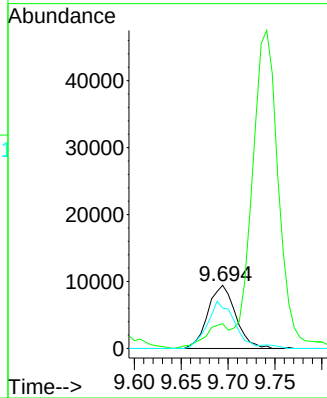
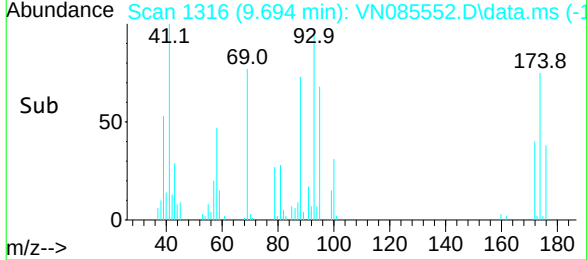
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



Tgt Ion: 88 Resp: 19418
Ion Ratio Lower Upper
88 100
43 32.9 26.6 39.8
58 72.9 59.5 89.3

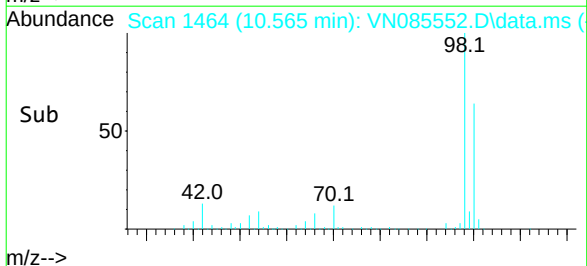
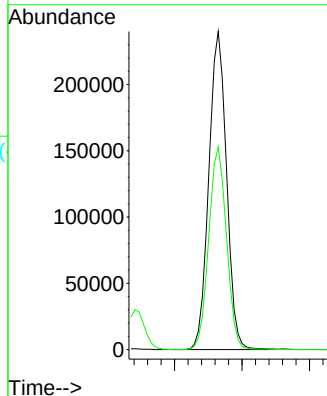
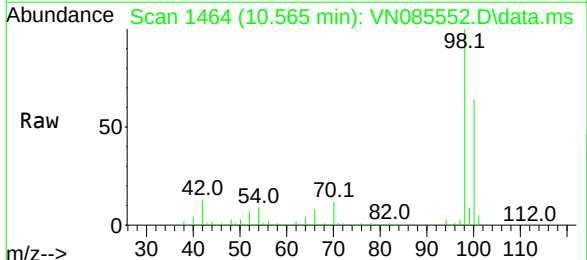
Manual Integrations
APPROVED

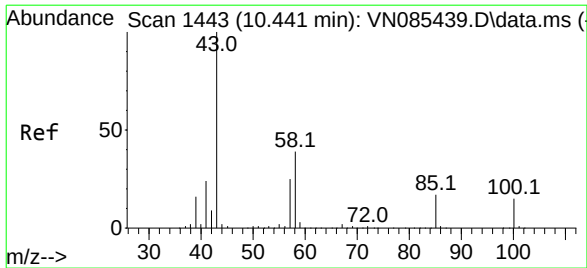
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#50
Toluene-d8
Concen: 53.154 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion: 98 Resp: 437973
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4





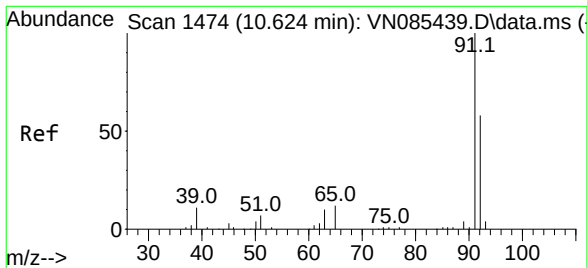
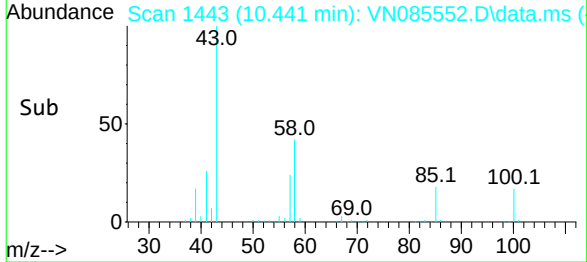
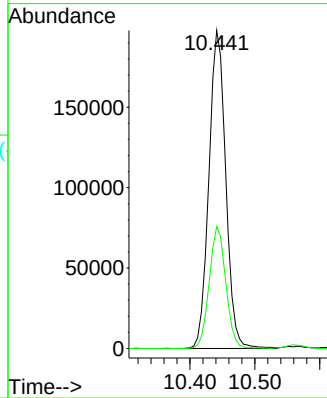
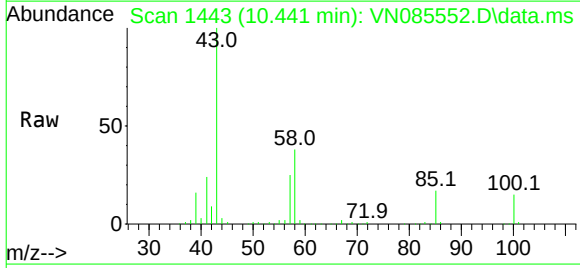
#51
4-Methyl-2-Pentanone
Concen: 116.808 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tgt Ion: 43 Resp: 356810
Ion Ratio Lower Upper
43 100
58 37.6 30.5 45.7

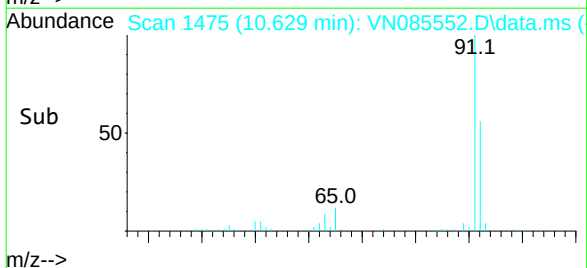
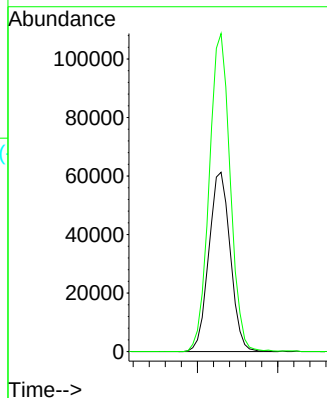
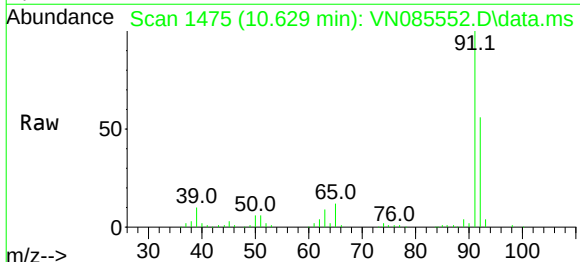
Manual Integrations
APPROVED

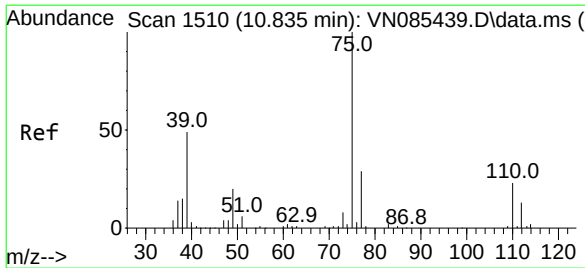
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#52
Toluene
Concen: 20.058 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

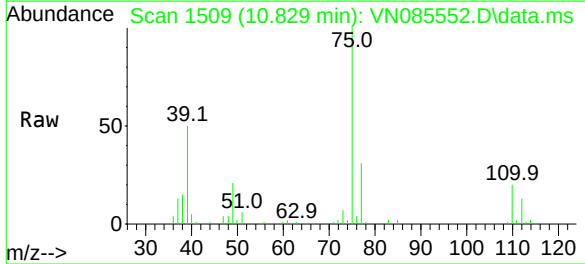
Tgt Ion: 92 Resp: 113656
Ion Ratio Lower Upper
92 100
91 173.5 139.2 208.8





#53
 t-1,3-Dichloropropene
 Concen: 20.528 ug/l
 RT: 10.829 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN085552.D
 Acq: 29 Jan 2025 13:04

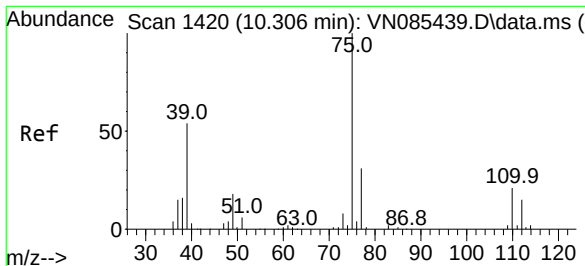
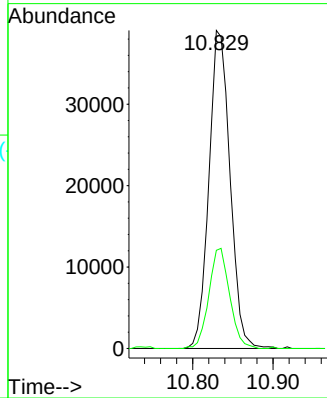
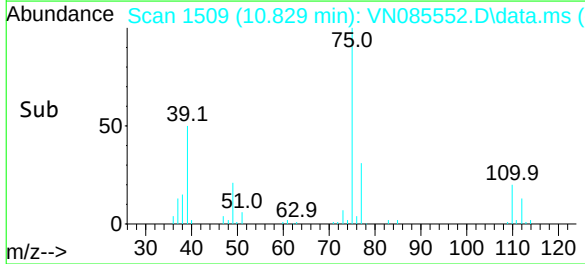
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBSD01



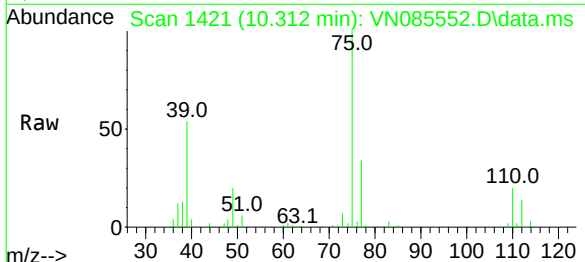
Tgt Ion: 75 Resp: 71237
 Ion Ratio Lower Upper
 75 100
 77 30.9 23.5 35.3

Manual Integrations
 APPROVED

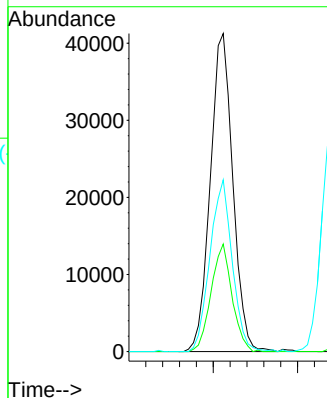
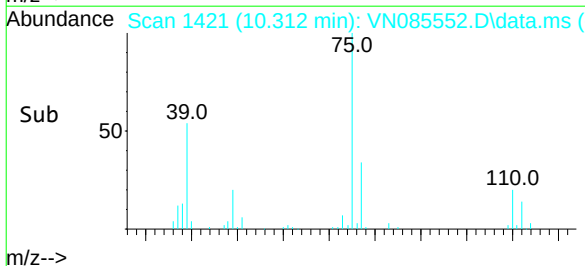
Reviewed By :John Carlone 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025

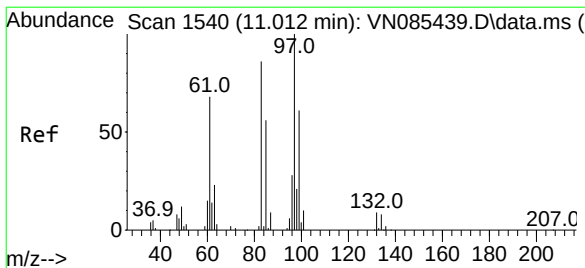


#54
 cis-1,3-Dichloropropene
 Concen: 20.661 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085552.D
 Acq: 29 Jan 2025 13:04



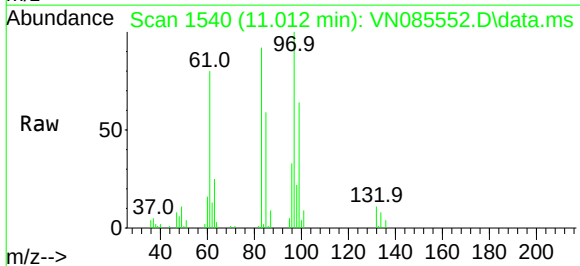
Tgt Ion: 75 Resp: 76587
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.0 37.4
 39 54.0 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 21.069 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

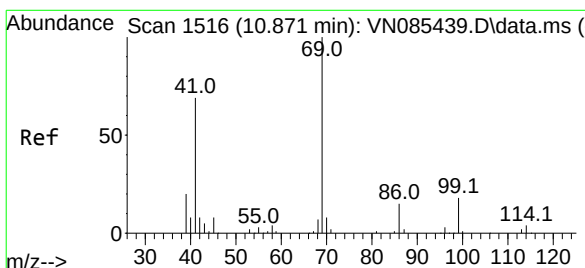
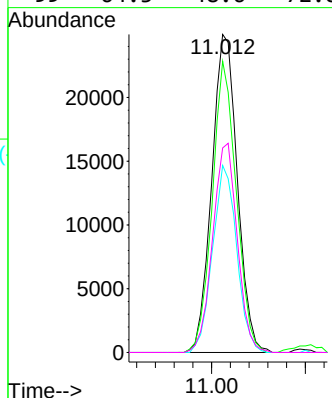
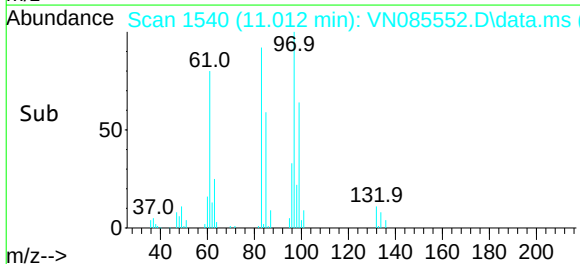
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



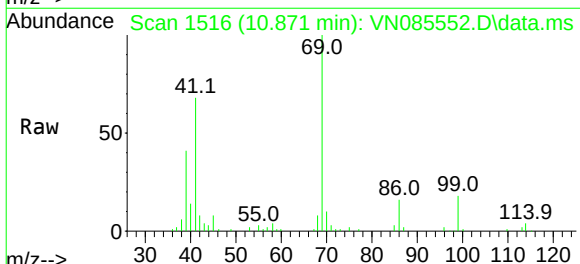
Tgt Ion:	97	Resp:	47247
Ion	Ratio	Lower	Upper
97	100		
83	91.6	69.0	103.6
85	58.8	44.6	66.8
99	64.3	48.6	72.8

Manual Integrations
APPROVED

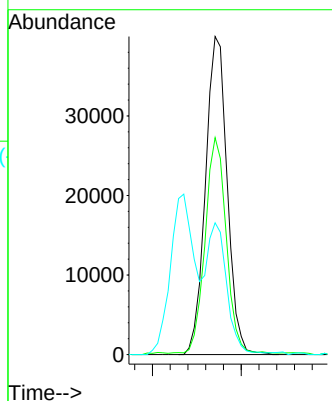
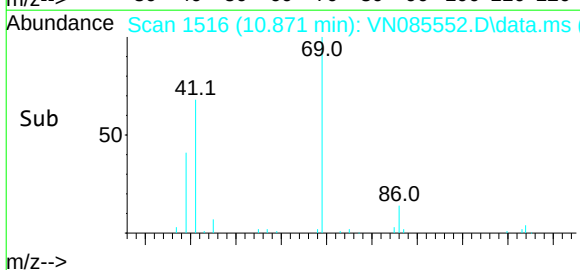
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

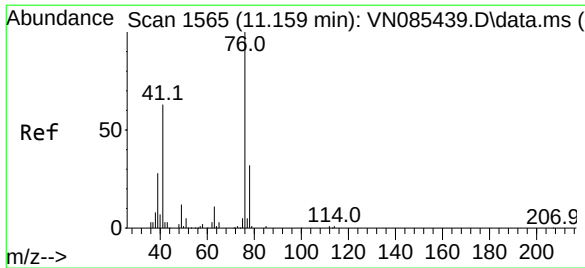


#56
Ethyl methacrylate
Concen: 19.225 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04



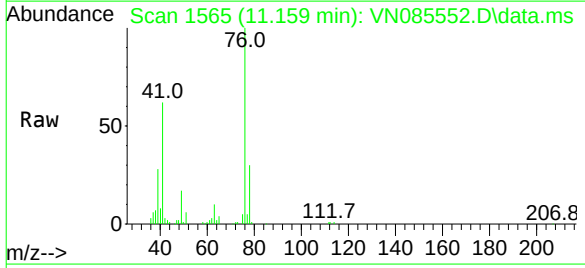
Tgt Ion:	69	Resp:	67955
Ion	Ratio	Lower	Upper
69	100		
41	65.7	54.6	82.0
39	38.6	32.4	48.6





#57
1,3-Dichloropropane
Concen: 20.839 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

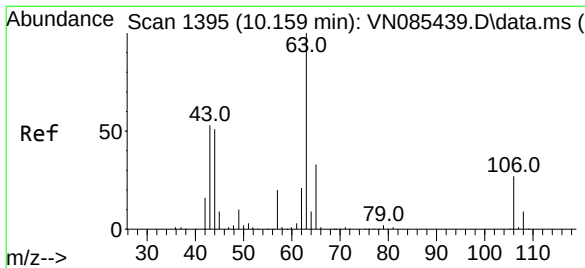
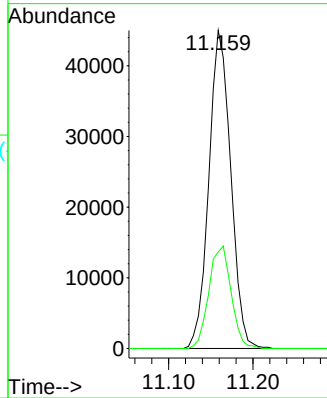
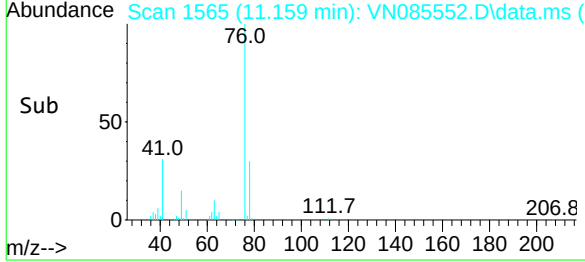
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



Tgt Ion: 76 Resp: 81256
Ion Ratio Lower Upper
76 100
78 32.8 25.6 38.4

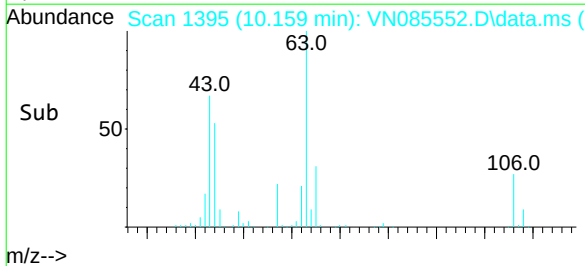
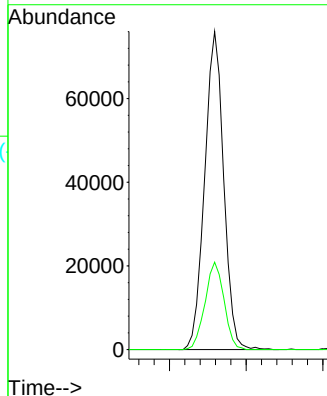
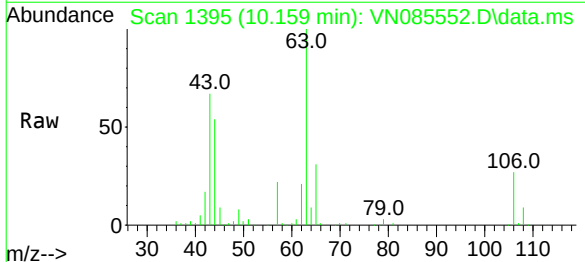
Manual Integrations
APPROVED

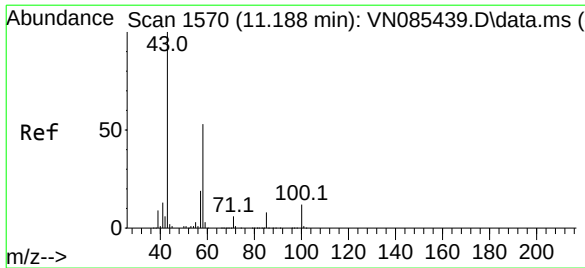
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#58
2-Chloroethyl Vinyl ether
Concen: 91.903 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion: 63 Resp: 130784
Ion Ratio Lower Upper
63 100
106 27.5 21.6 32.4





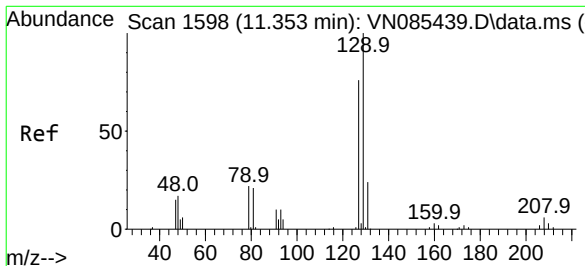
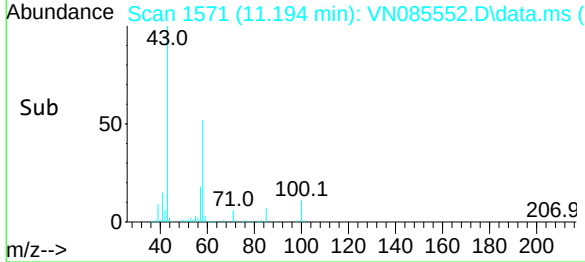
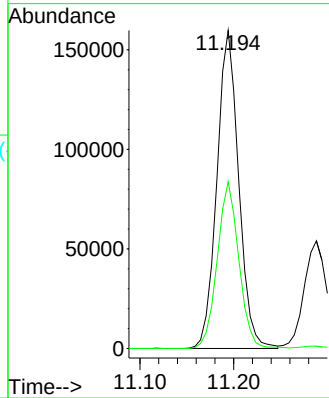
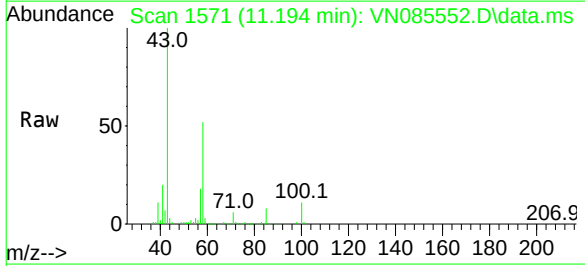
#59
2-Hexanone
Concen: 119.811 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tgt Ion: 43 Resp: 257517
Ion Ratio Lower Upper
43 100
58 51.9 26.2 78.6

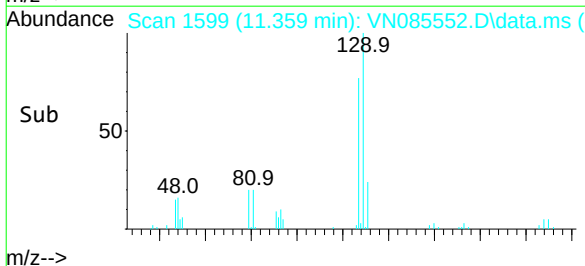
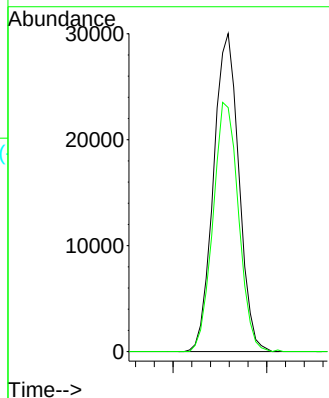
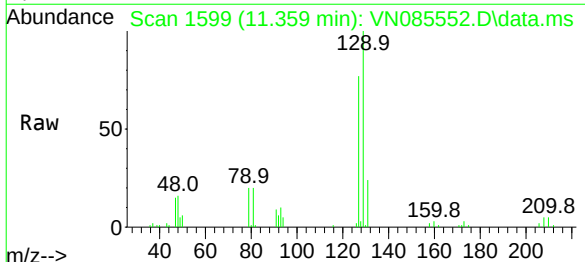
Manual Integrations
APPROVED

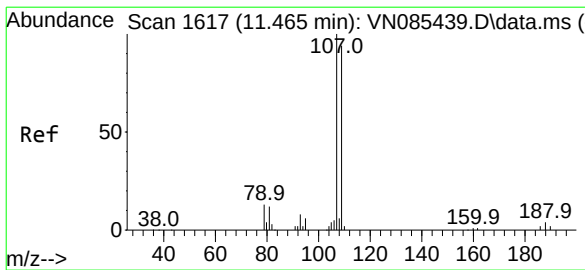
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#60
Dibromochloromethane
Concen: 20.849 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion:129 Resp: 56444
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8





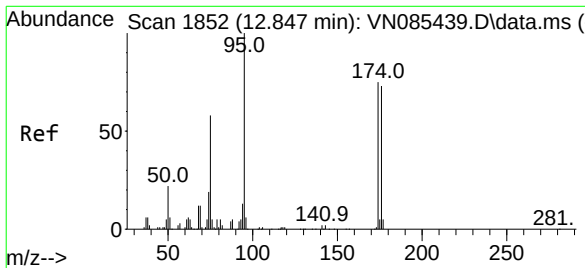
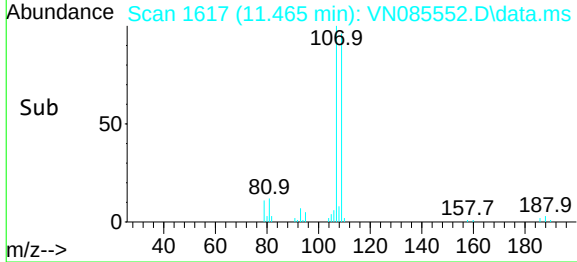
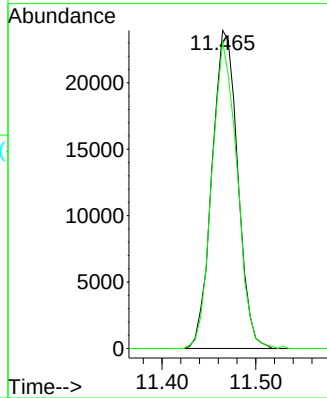
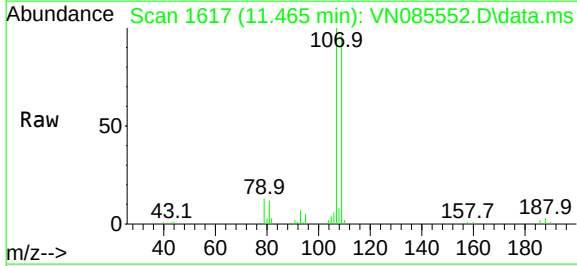
#61
1,2-Dibromoethane
Concen: 20.415 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tgt Ion: 107 Resp: 45570
Ion Ratio Lower Upper
107 100
109 95.0 75.9 113.9

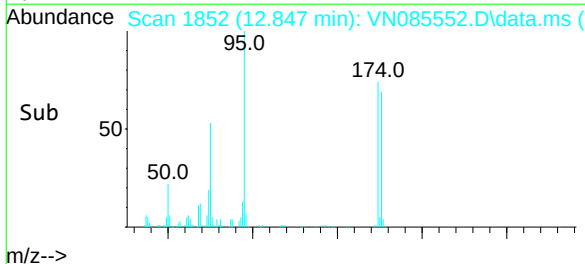
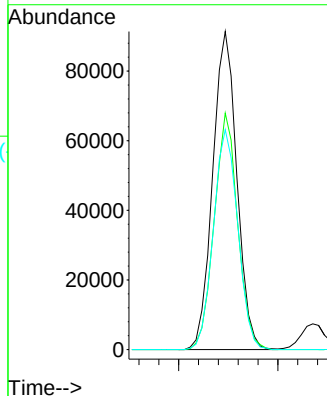
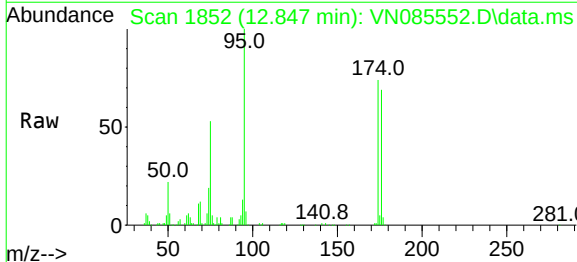
Manual Integrations
APPROVED

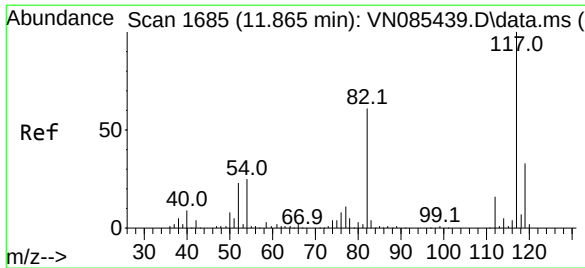
Reviewed By : John Carlone 01/30/2025
Supervised By : Mahesh Dadoda 01/30/2025



#62
4-Bromofluorobenzene
Concen: 54.798 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion: 95 Resp: 154451
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.0
176 69.8 0.0 142.4





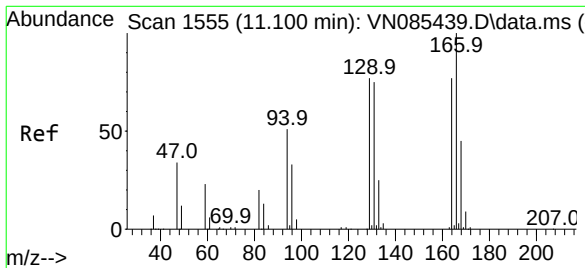
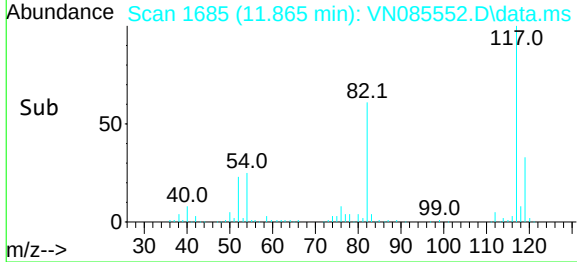
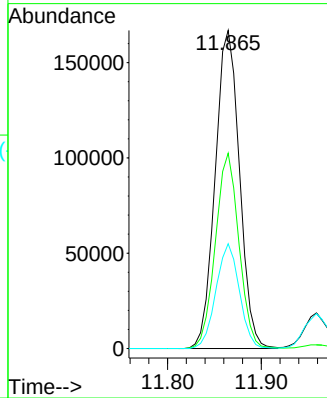
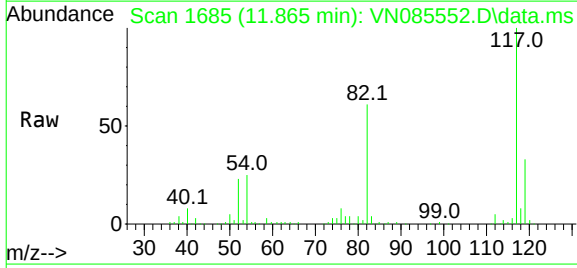
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tgt Ion:	117	Resp:	300606
Ion	Ratio	Lower	Upper
117	100		
82	61.4	48.6	72.8
119	32.9	26.6	39.8

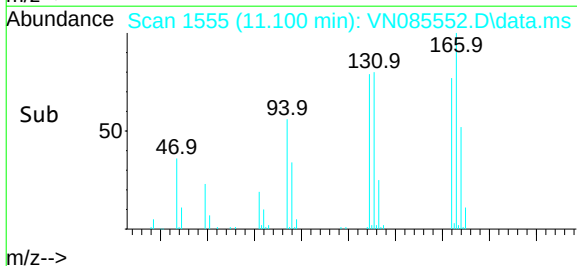
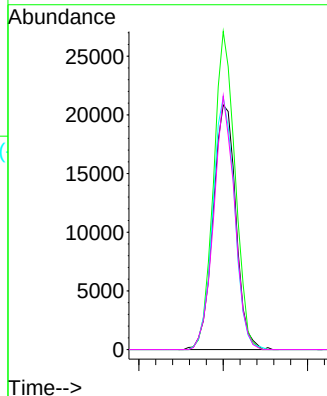
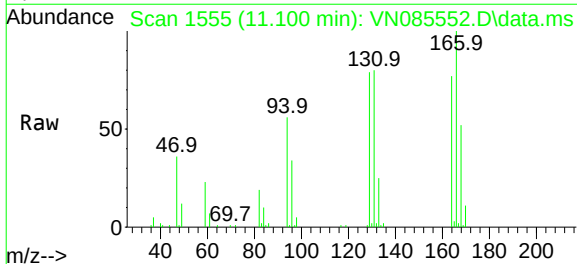
Manual Integrations
APPROVED

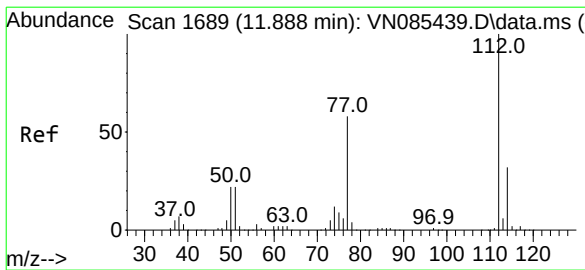
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#64
Tetrachloroethene
Concen: 19.082 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion:	164	Resp:	39105
Ion	Ratio	Lower	Upper
164	100		
166	130.0	103.4	155.2
129	103.1	79.2	118.8
131	103.6	77.1	115.7





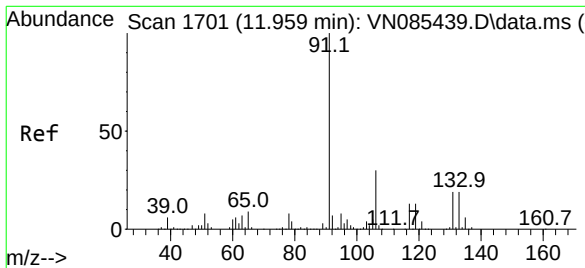
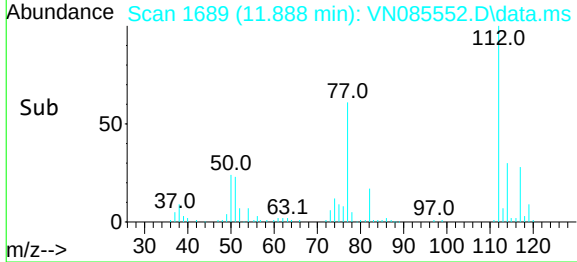
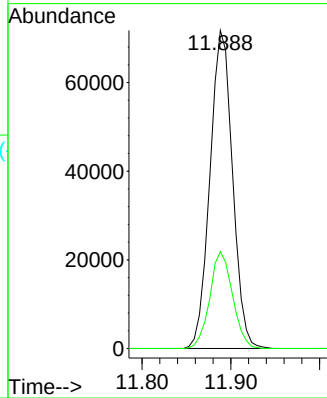
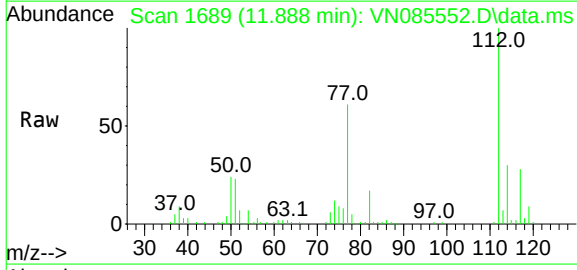
#65
Chlorobenzene
Concen: 19.247 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tgt Ion:112 Resp: 126744
Ion Ratio Lower Upper
112 100
114 30.4 25.3 37.9

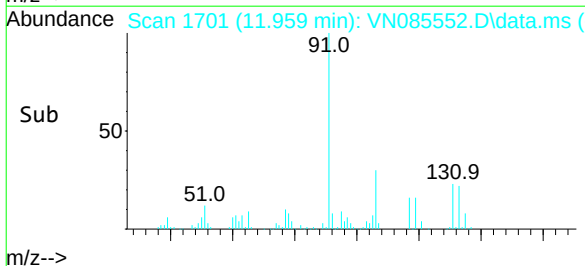
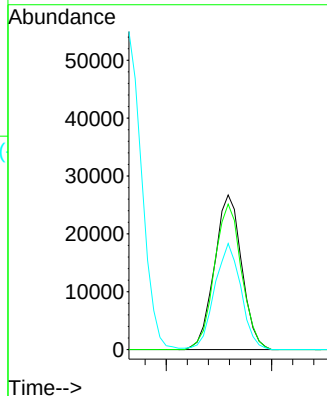
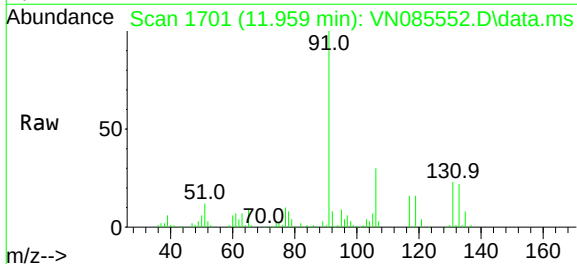
Manual Integrations
APPROVED

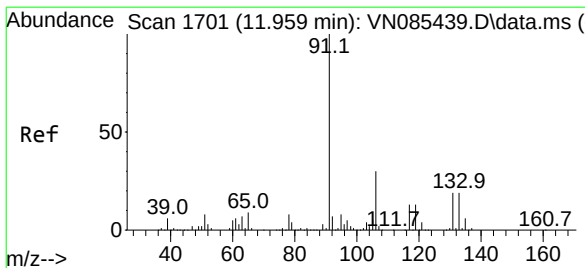
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.929 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion:131 Resp: 48168
Ion Ratio Lower Upper
131 100
133 93.7 47.4 142.3
119 66.4 33.1 99.5





#67

Ethyl Benzene

Concen: 18.788 ug/l

RT: 11.965 min Scan# 17

Delta R.T. 0.006 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

Tgt Ion: 91 Resp: 201511

Ion Ratio Lower Upper

91 100

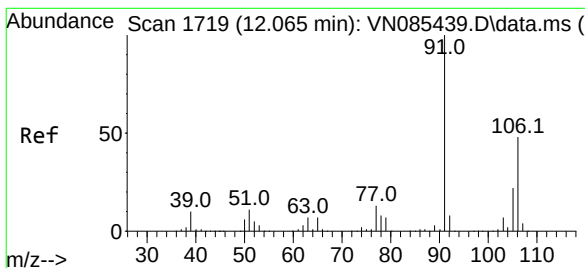
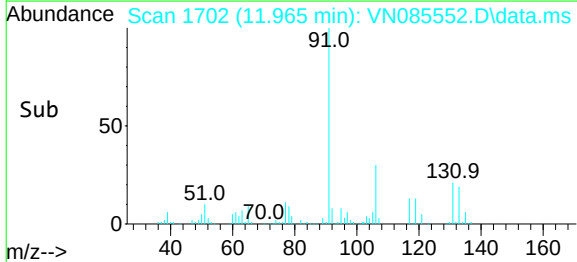
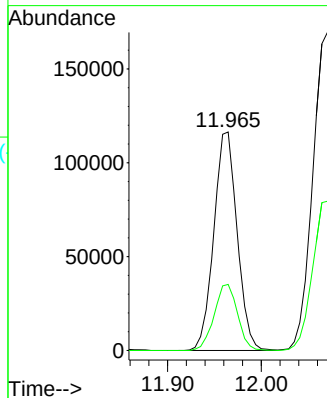
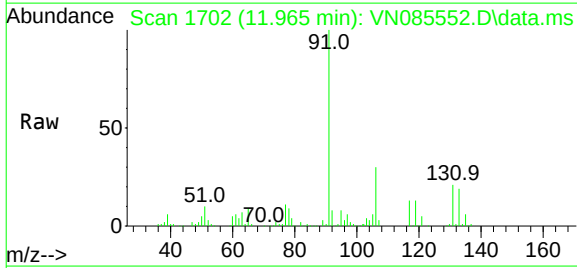
106 30.2 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#68

m/p-Xylenes

Concen: 39.958 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.006 min

Lab File: VN085552.D

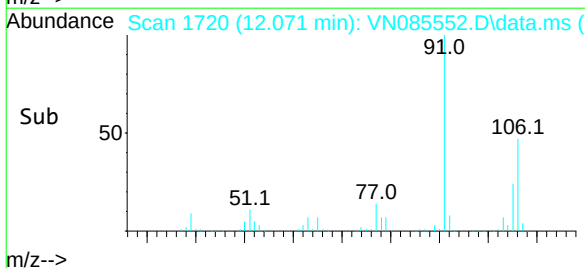
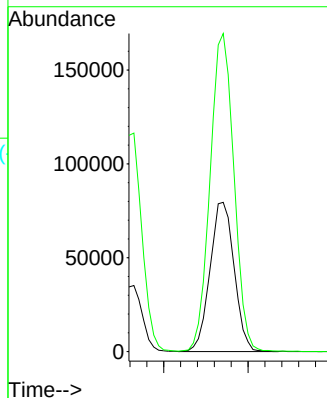
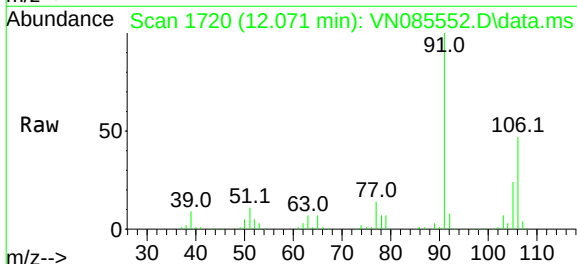
Acq: 29 Jan 2025 13:04

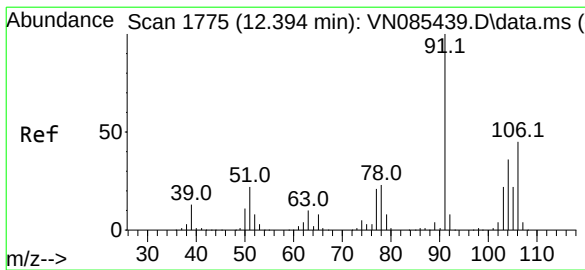
Tgt Ion:106 Resp: 158394

Ion Ratio Lower Upper

106 100

91 210.2 167.7 251.5





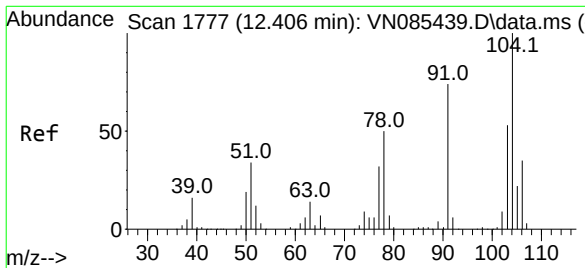
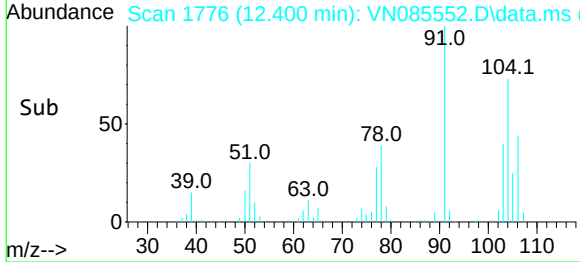
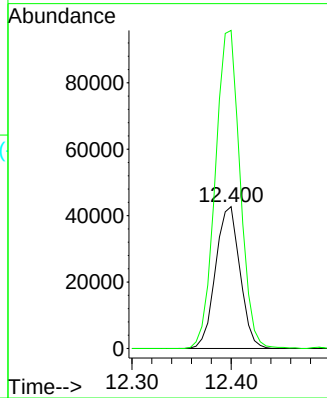
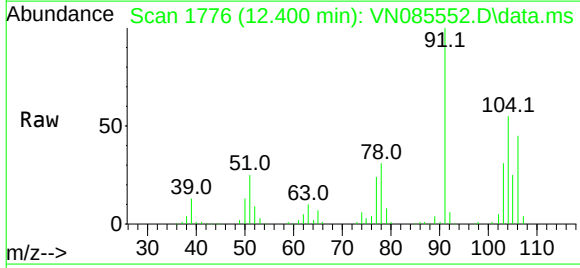
#69
o-Xylene
Concen: 19.286 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tgt Ion:106 Resp: 73062
Ion Ratio Lower Upper
106 100
91 227.1 110.4 331.2

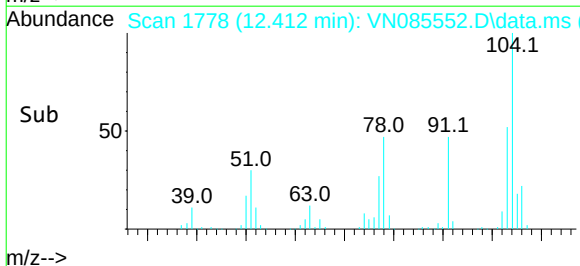
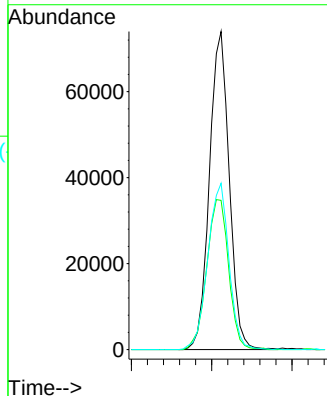
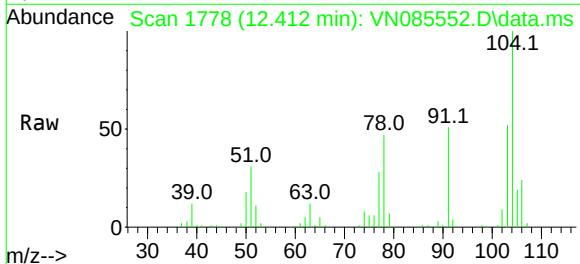
Manual Integrations
APPROVED

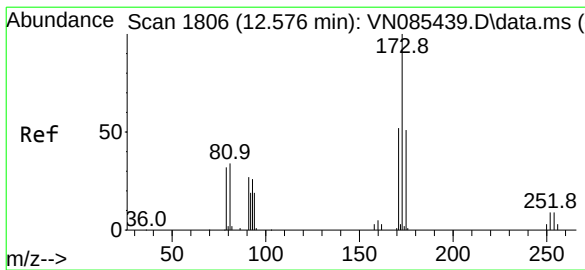
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#70
Styrene
Concen: 20.232 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion:104 Resp: 126846
Ion Ratio Lower Upper
104 100
78 52.2 42.5 63.7
103 55.9 43.8 65.8





#71

Bromoform

Concen: 22.255 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

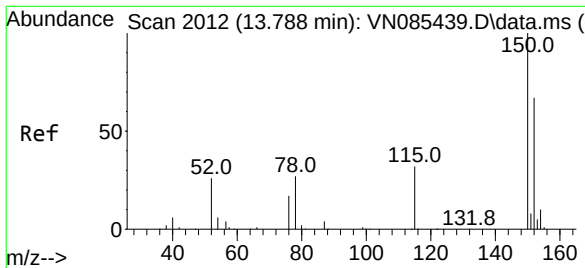
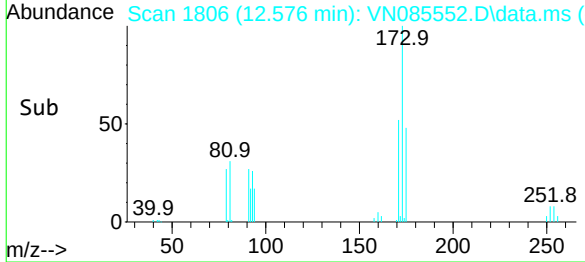
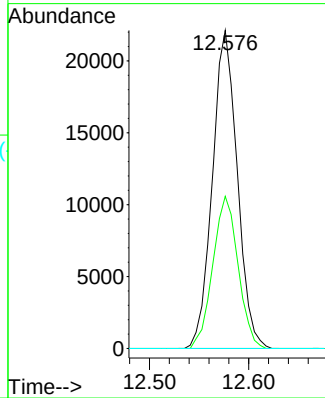
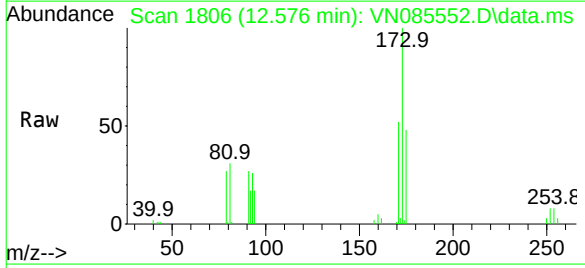
Tgt Ion:	173	Resp:	38486
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

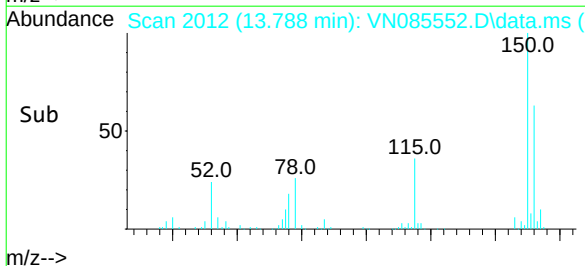
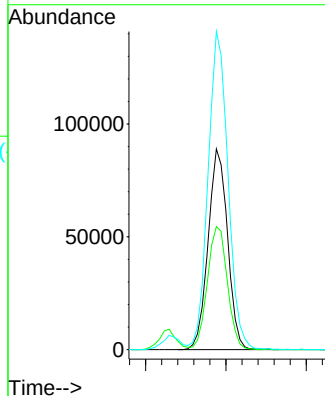
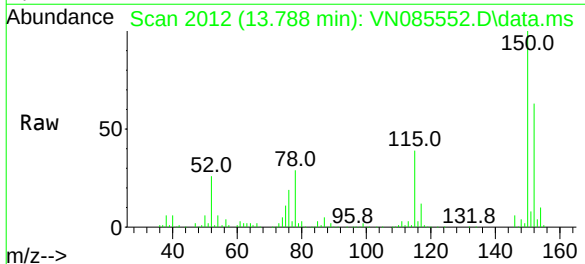
RT: 13.788 min Scan# 2012

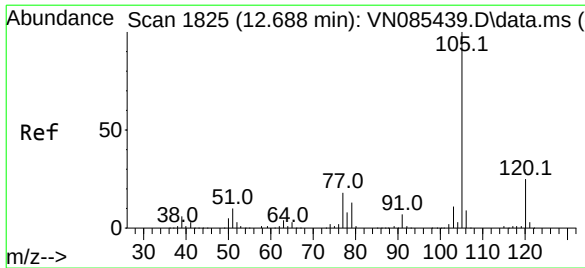
Delta R.T. -0.000 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Tgt Ion:	152	Resp:	149604
Ion Ratio	Lower	Upper	
152	100		
115	62.8	31.1	93.3
150	162.6	0.0	343.6





#73

Isopropylbenzene

Concen: 18.607 ug/l

RT: 12.694 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

Tgt Ion:105 Resp: 187874

Ion Ratio Lower Upper

105 100

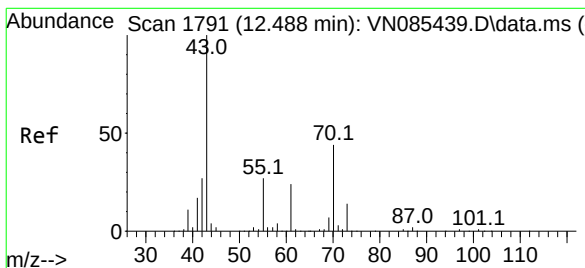
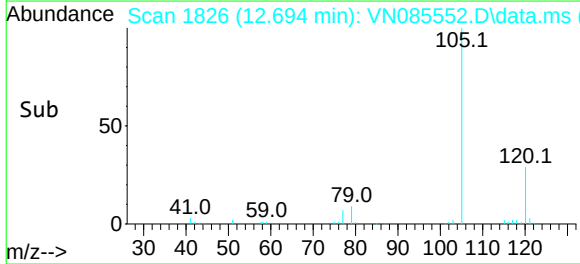
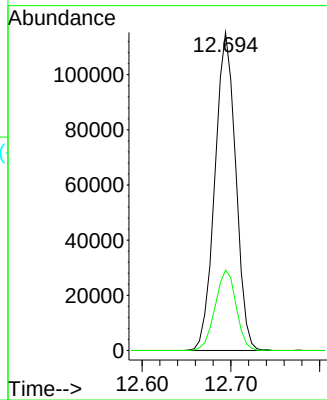
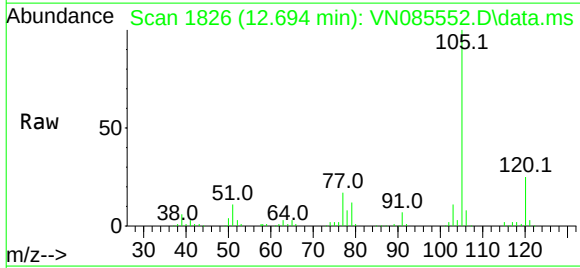
120 25.4 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#74

N-ethyl acetate

Concen: 19.908 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Tgt Ion: 43 Resp: 90352

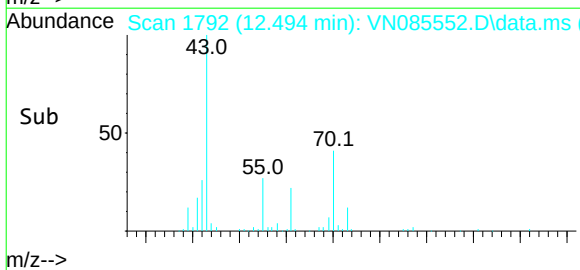
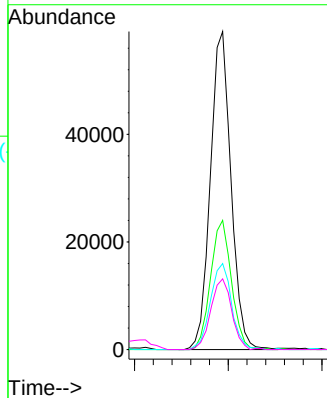
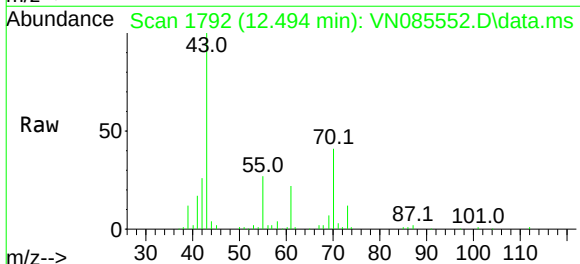
Ion Ratio Lower Upper

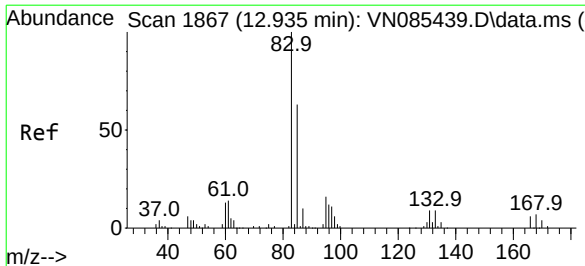
43 100

70 41.1 34.0 51.0

55 27.9 21.4 32.2

61 22.6 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.069 ug/l

RT: 12.935 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

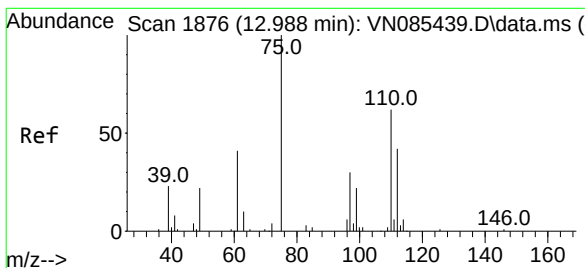
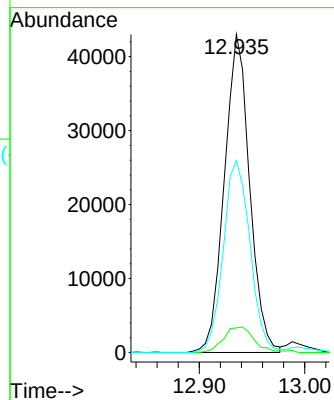
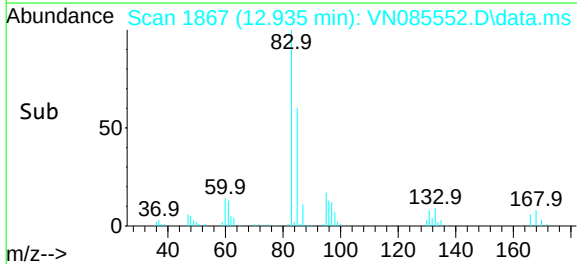
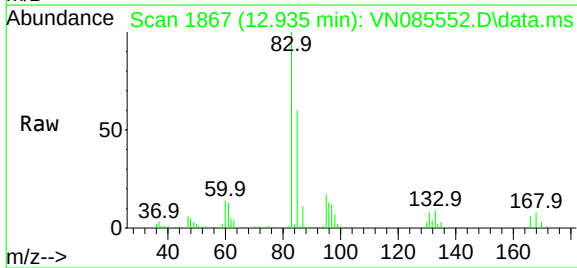
VN0129WBSD01

Tgt Ion:	83	Resp:	71580
Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.8	14.4
85	64.1	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#76

1,2,3-Trichloropropane

Concen: 19.915 ug/l m

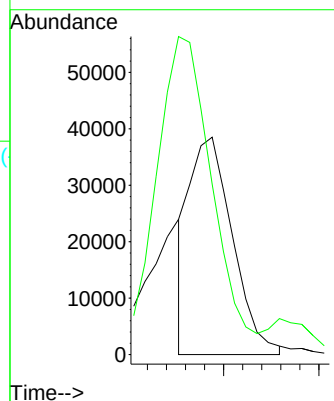
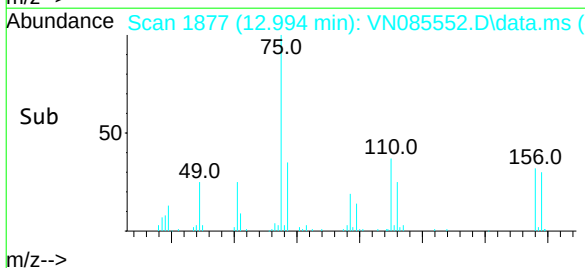
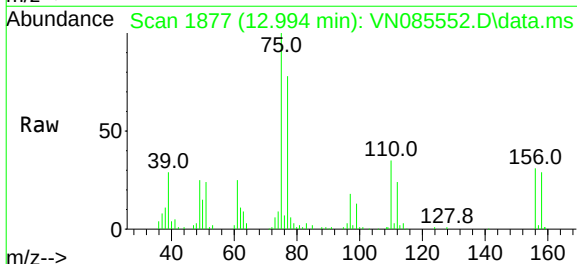
RT: 12.994 min Scan# 1877

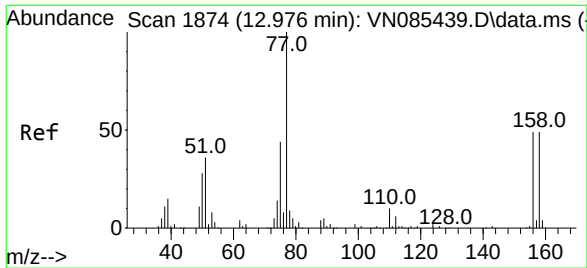
Delta R.T. 0.006 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

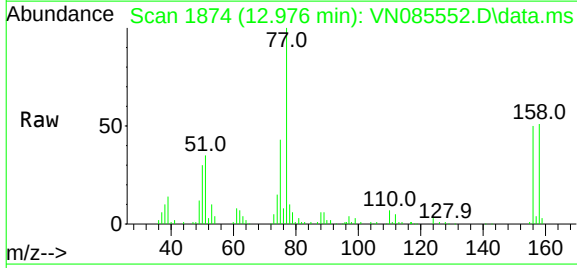
Tgt Ion:	75	Resp:	60557
Ion	Ratio	Lower	Upper
75	100		
77	190.0	109.7	329.2





#77
Bromobenzene
Concen: 18.824 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

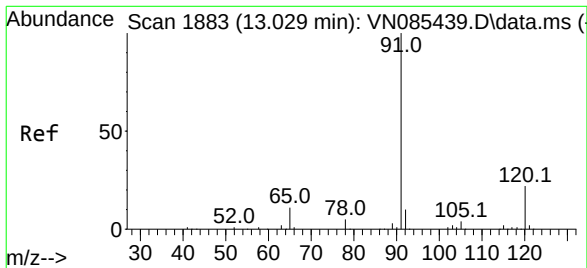
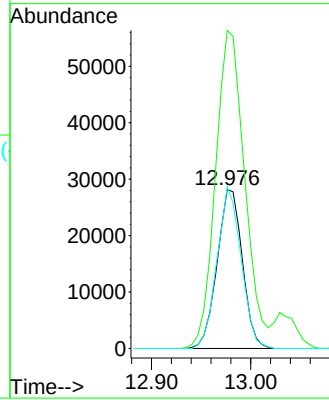
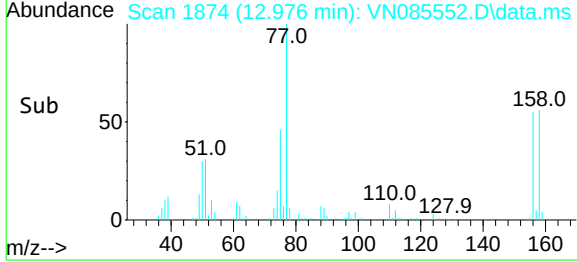
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



Tgt Ion: 156 Resp: 49656
Ion Ratio Lower Upper
156 100
77 231.7 114.1 342.4
158 97.2 48.9 146.8

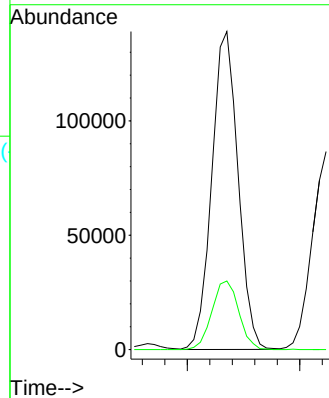
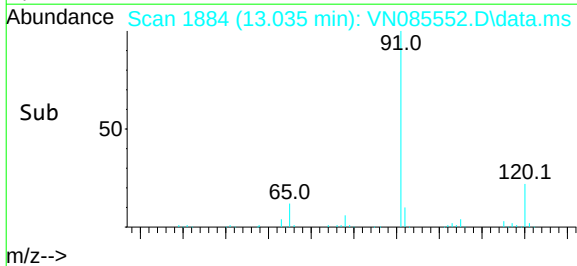
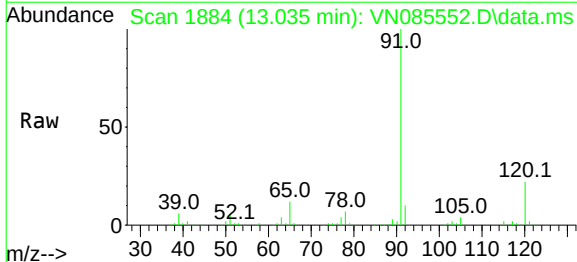
Manual Integrations
APPROVED

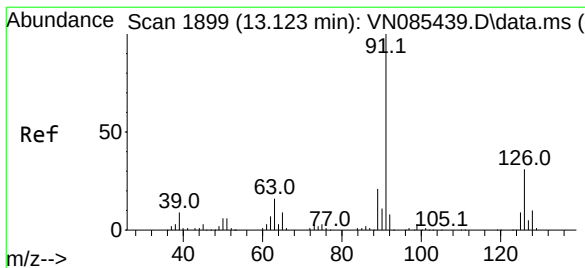
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#78
n-propylbenzene
Concen: 18.861 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion: 91 Resp: 225452
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.6





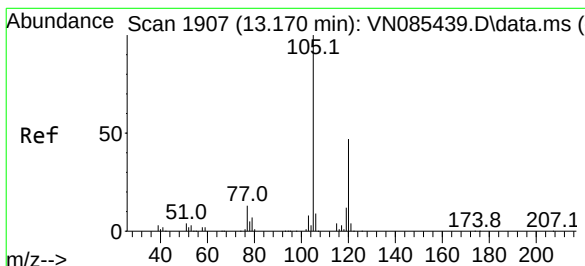
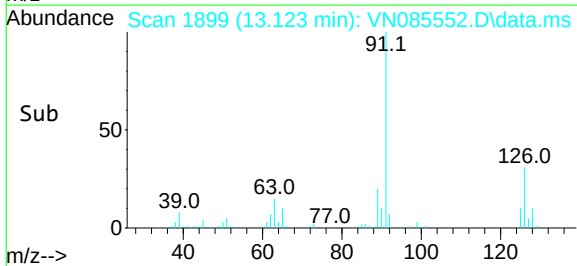
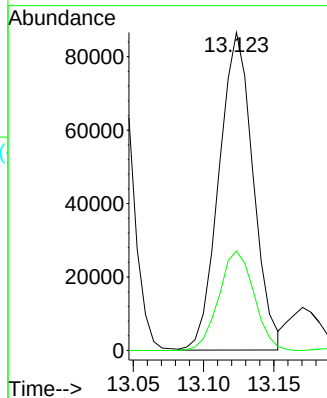
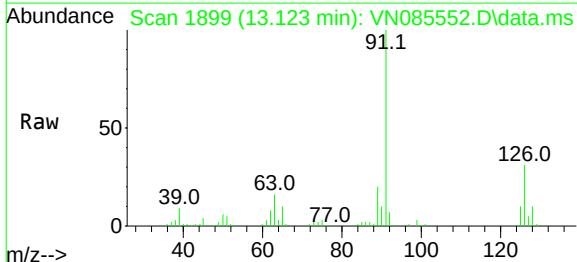
#79
2-Chlorotoluene
Concen: 18.851 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tgt Ion: 91 Resp: 145834
Ion Ratio Lower Upper
91 100
126 32.3 15.7 47.1

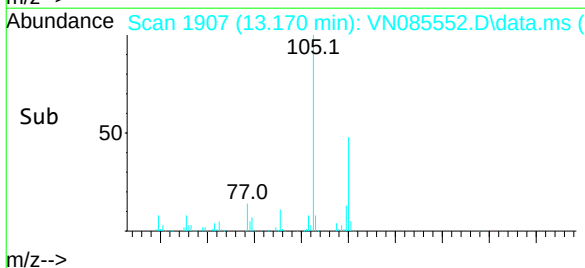
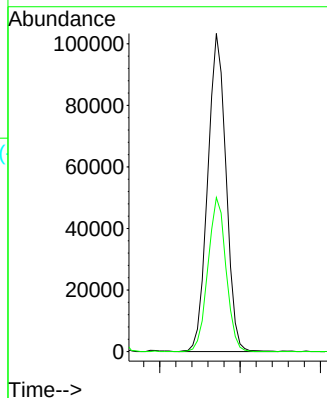
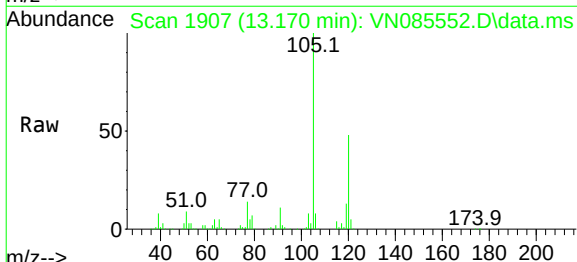
Manual Integrations
APPROVED

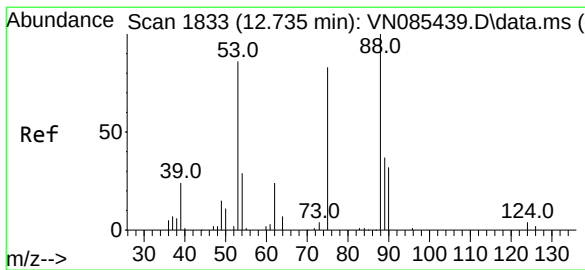
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.614 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

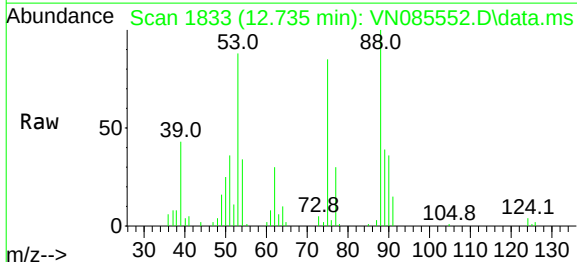
Tgt Ion:105 Resp: 163587
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.978 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

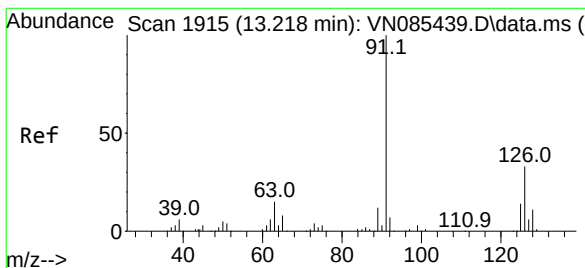
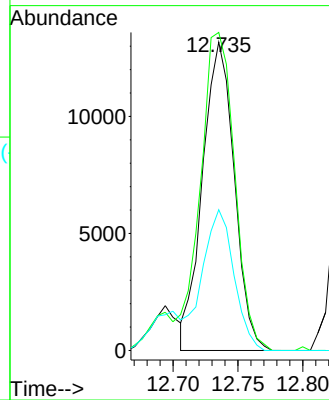
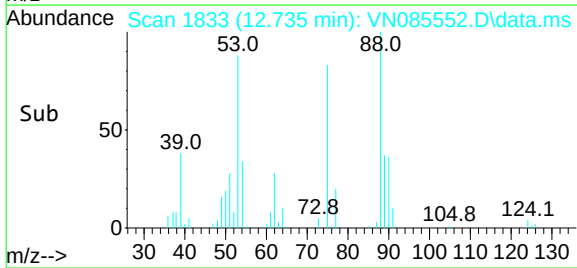
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



Tgt Ion: 75 Resp: 22453
Ion Ratio Lower Upper
75 100
53 121.3 95.6 143.4
89 45.9 37.0 55.6

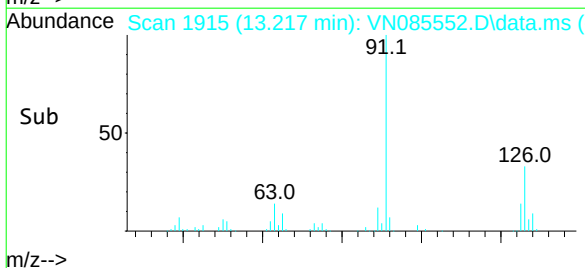
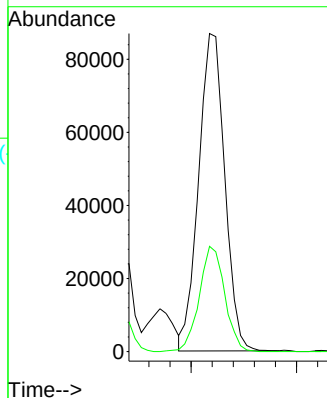
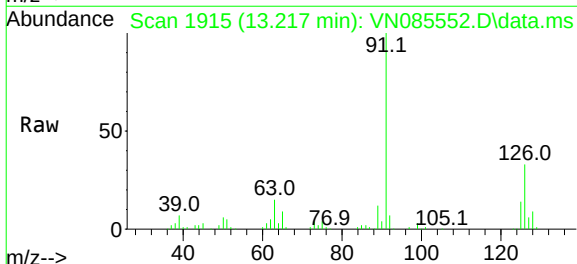
Manual Integrations
APPROVED

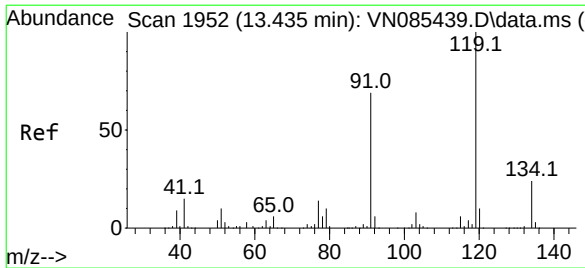
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#82
4-Chlorotoluene
Concen: 19.387 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion: 91 Resp: 149335
Ion Ratio Lower Upper
91 100
126 32.3 15.9 47.7





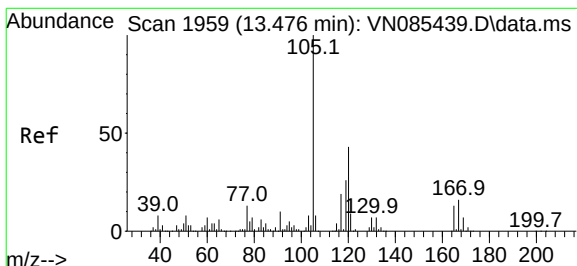
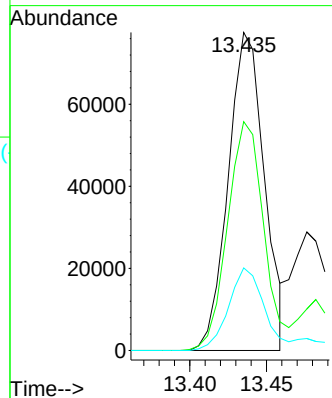
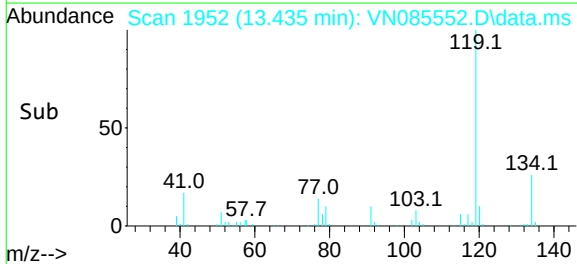
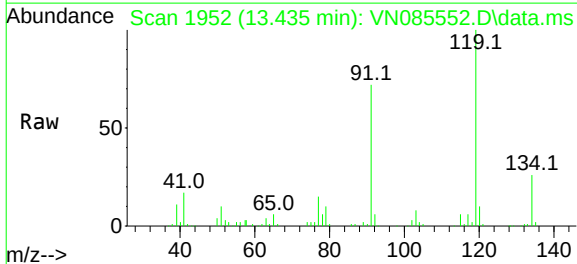
#83
tert-Butylbenzene
Concen: 18.130 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tgt Ion:119 Resp: 126982
Ion Ratio Lower Upper
119 100
91 72.2 35.1 105.3
134 25.4 12.0 36.1

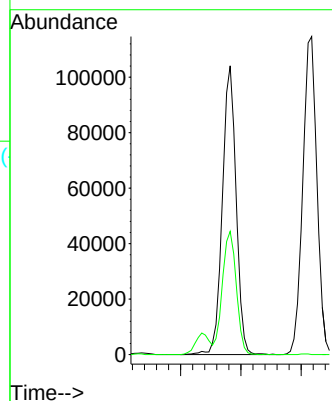
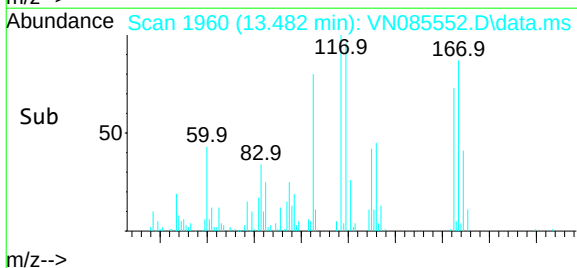
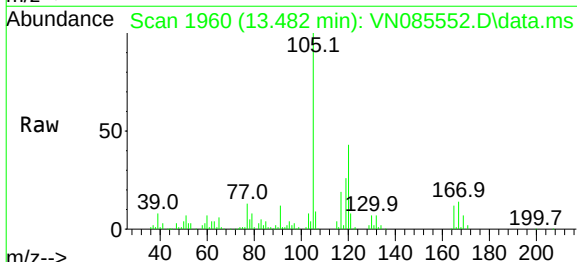
Manual Integrations
APPROVED

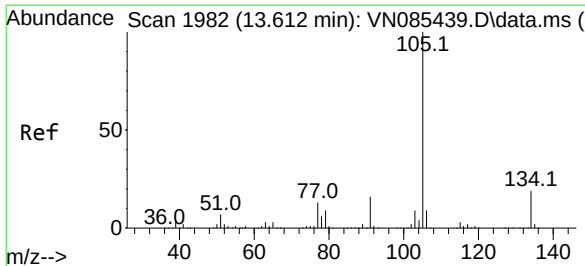
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.853 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion:105 Resp: 165028
Ion Ratio Lower Upper
105 100
120 43.3 21.6 65.0





#85

sec-Butylbenzene

Concen: 19.211 ug/l

RT: 13.617 min Scan# 19

Delta R.T. 0.005 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

Tgt Ion:105 Resp: 186480

Ion Ratio Lower Upper

105 100

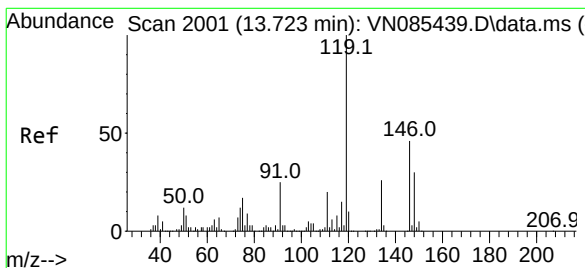
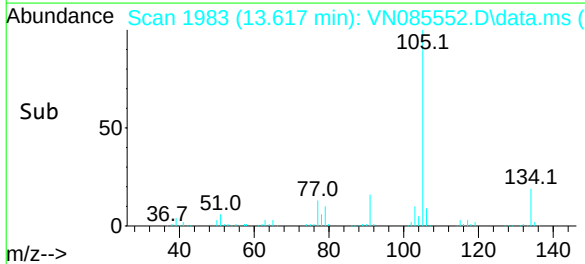
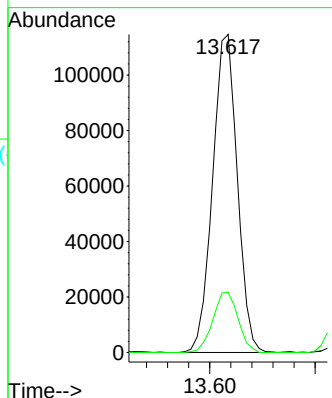
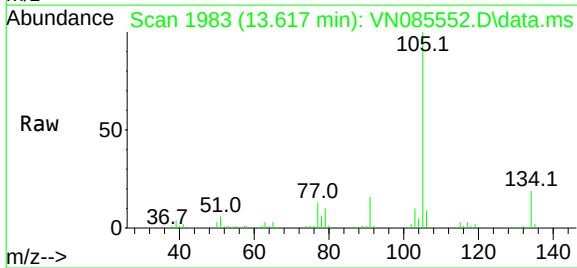
134 19.3 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#86

p-Isopropyltoluene

Concen: 18.909 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

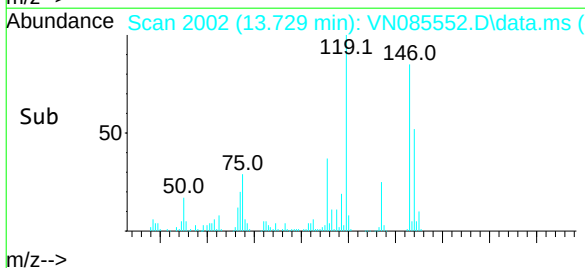
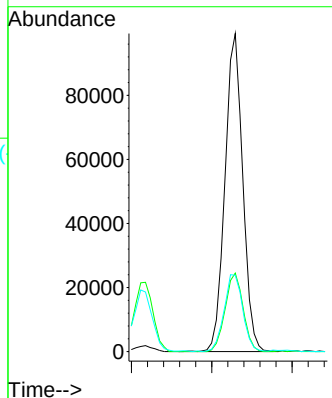
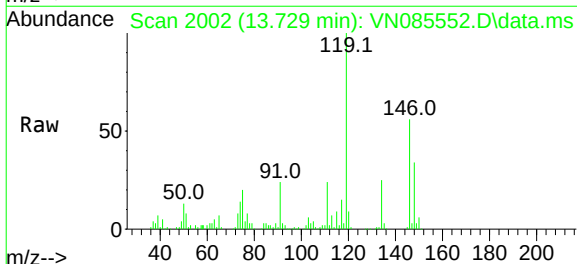
Tgt Ion:119 Resp: 152530

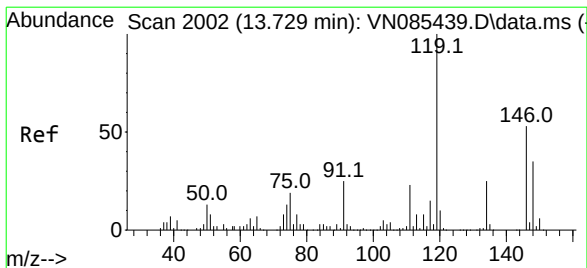
Ion Ratio Lower Upper

119 100

134 24.9 12.7 38.0

91 25.5 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 19.369 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

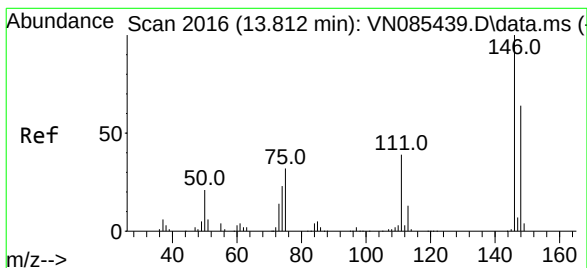
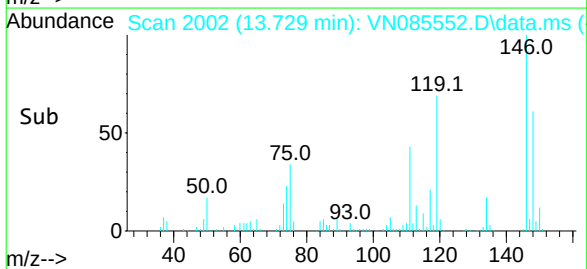
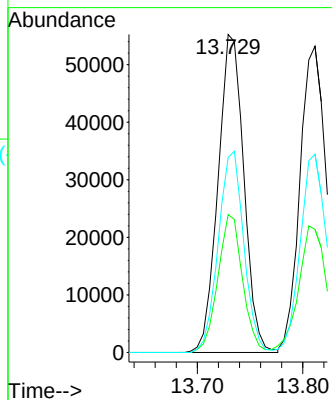
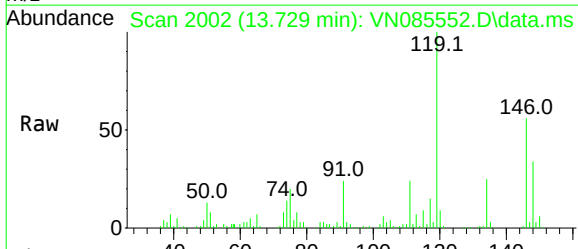
Tgt Ion:	146	Resp:	94099
Ion Ratio	Lower	Upper	
146	100		
111	41.4	21.4	64.3
148	62.6	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#88

1,4-Dichlorobenzene

Concen: 18.273 ug/l

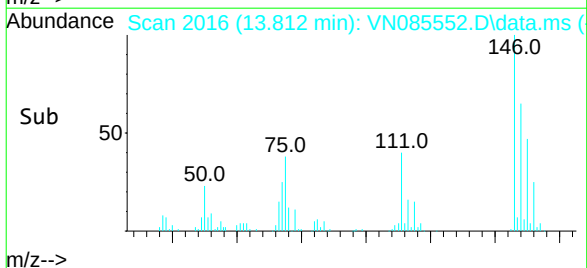
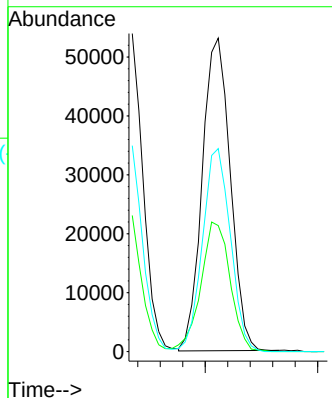
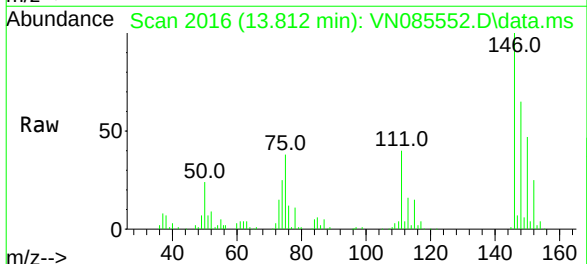
RT: 13.812 min Scan# 2016

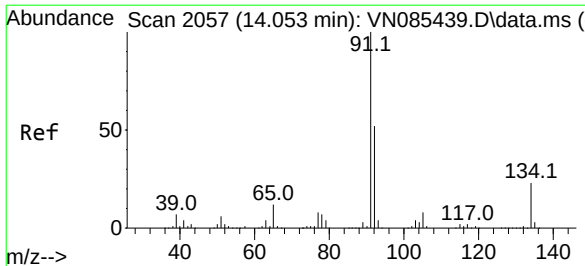
Delta R.T. -0.000 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Tgt Ion:	146	Resp:	92013
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.3	63.7
148	64.8	32.4	97.0





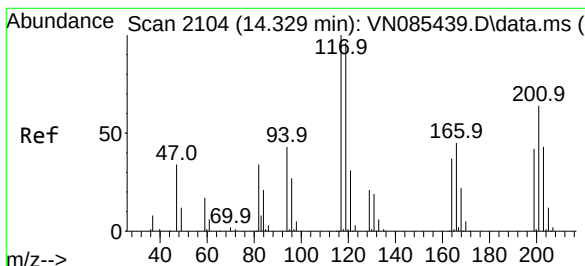
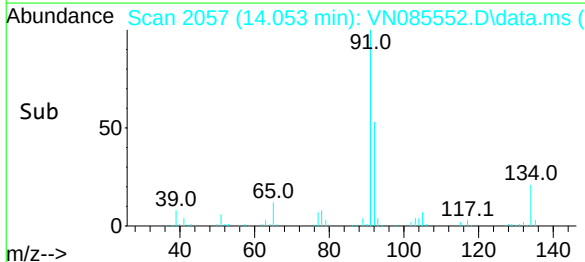
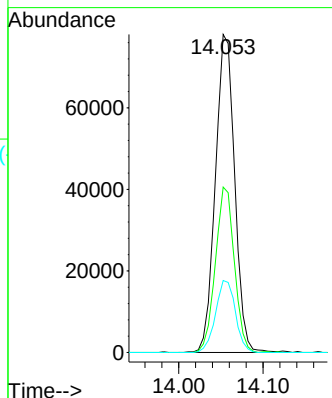
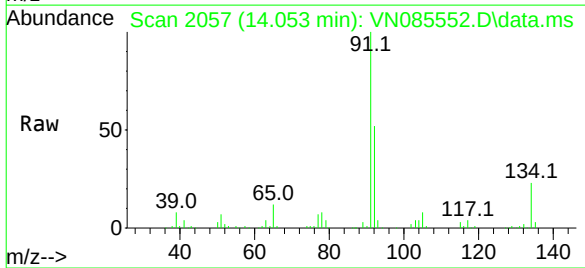
#89
n-Butylbenzene
Concen: 17.835 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tgt Ion: 91 Resp: 124199
Ion Ratio Lower Upper
91 100
92 51.1 25.8 77.3
134 23.3 11.7 35.1

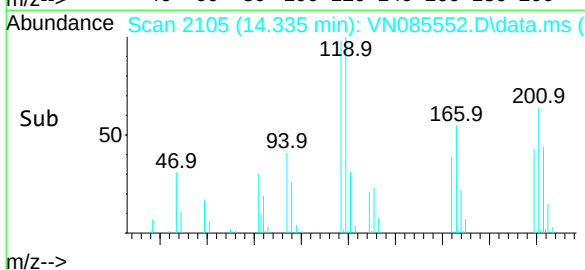
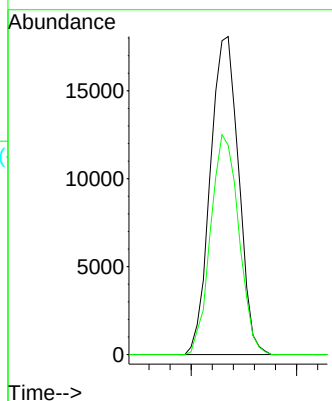
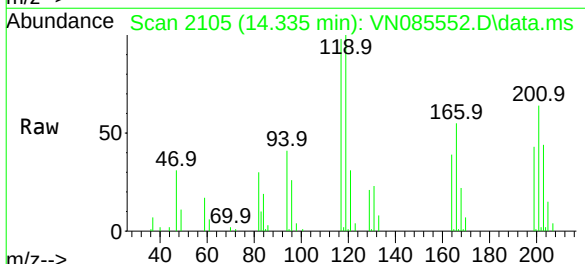
Manual Integrations
APPROVED

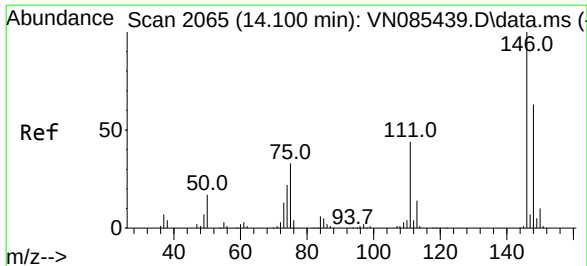
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#90
Hexachloroethane
Concen: 18.273 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

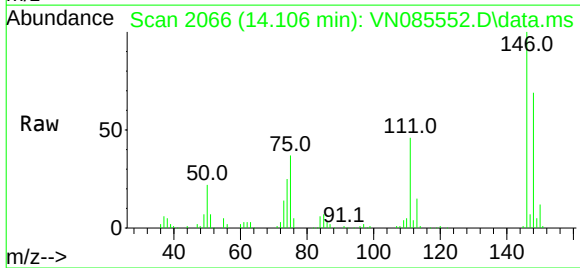
Tgt Ion:117 Resp: 33768
Ion Ratio Lower Upper
117 100
201 68.9 33.7 101.0





#91
1,2-Dichlorobenzene
Concen: 18.424 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

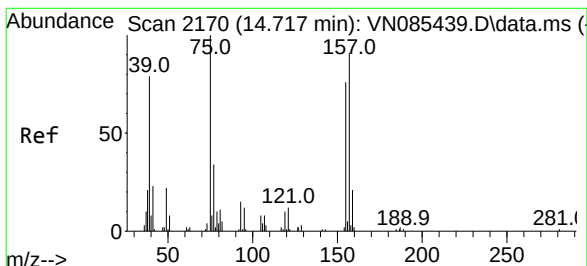
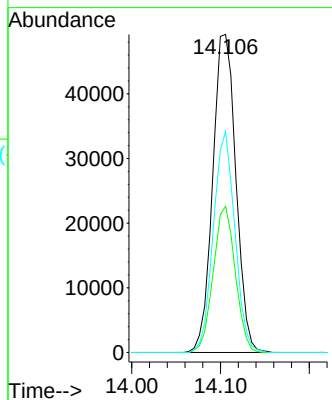
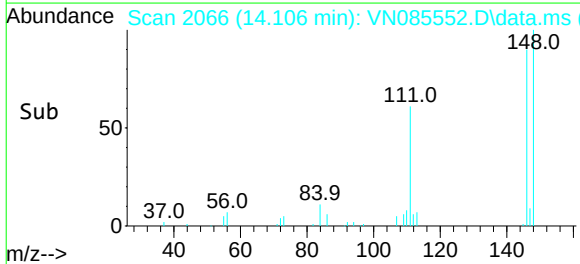
Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01



Tgt Ion: 146 Resp: 89278
Ion Ratio Lower Upper
146 100
111 43.7 21.7 65.1
148 64.5 31.4 94.2

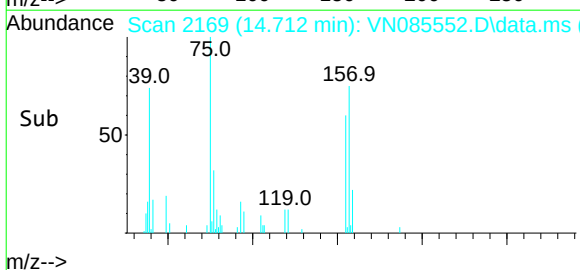
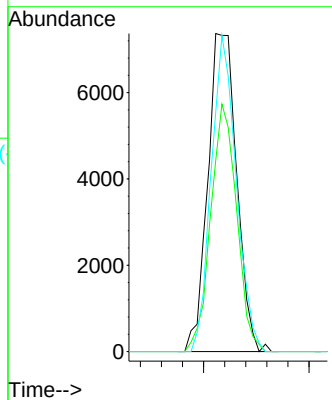
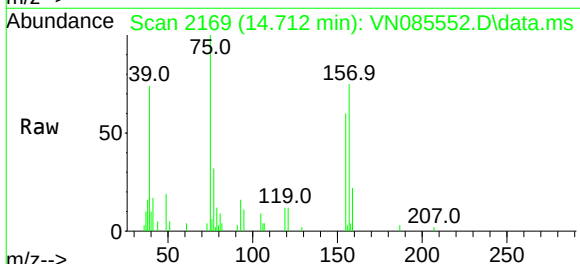
Manual Integrations
APPROVED

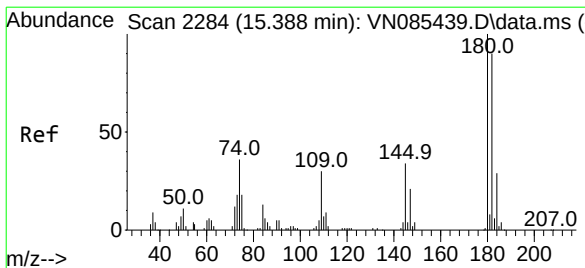
Reviewed By : John Carlone 01/30/2025
Supervised By : Mahesh Dadoda 01/30/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.557 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN085552.D
Acq: 29 Jan 2025 13:04

Tgt Ion: 75 Resp: 14040
Ion Ratio Lower Upper
75 100
155 69.6 36.4 109.2
157 86.1 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 18.068 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

Tgt Ion:180 Resp: 40694

Ion Ratio Lower Upper

180 100

182 96.7 46.8 140.3

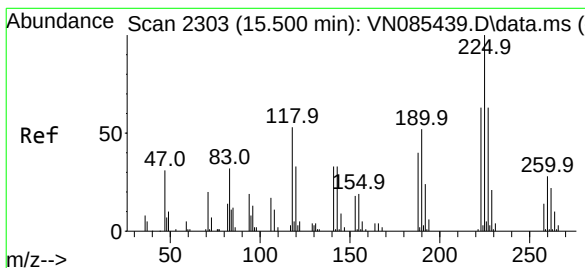
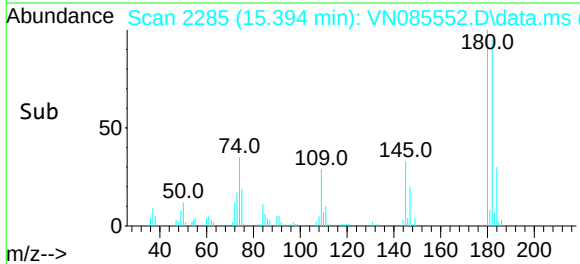
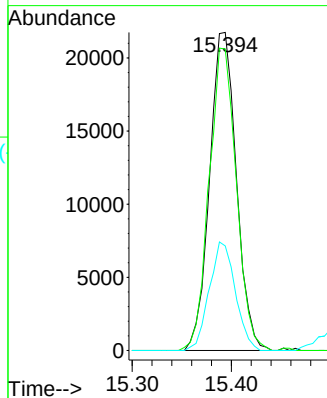
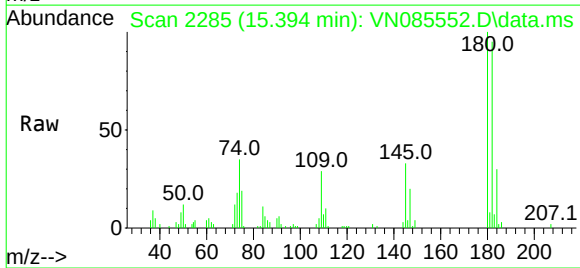
145 33.2 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#94

Hexachlorobutadiene

Concen: 17.886 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

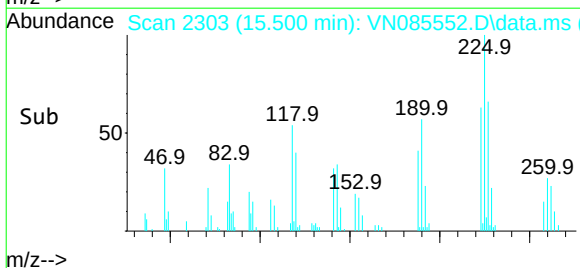
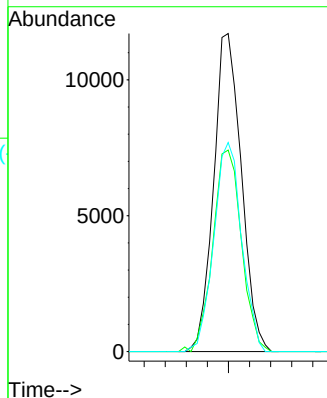
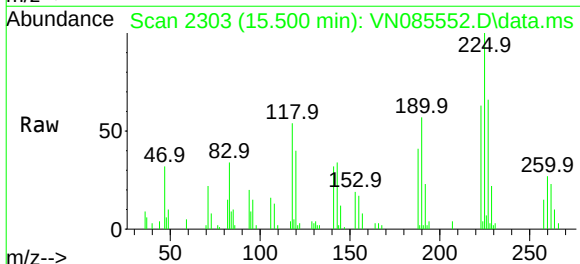
Tgt Ion:225 Resp: 21387

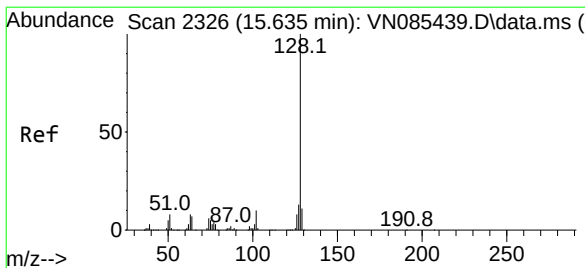
Ion Ratio Lower Upper

225 100

223 65.4 30.7 92.1

227 65.9 30.9 92.5





#95

Naphthalene

Concen: 17.550 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

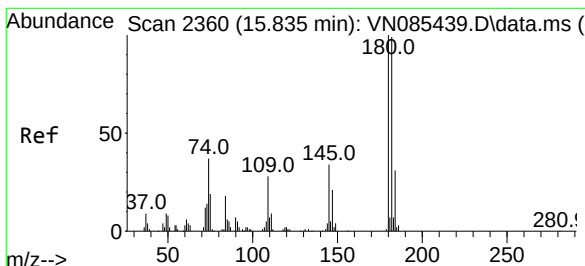
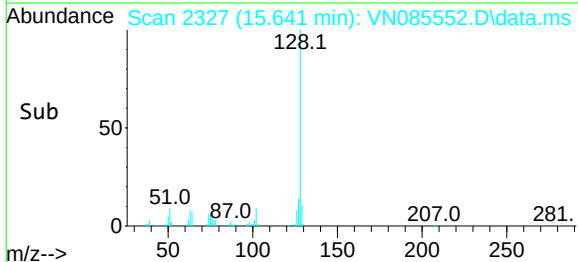
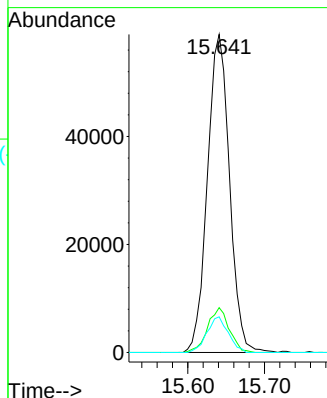
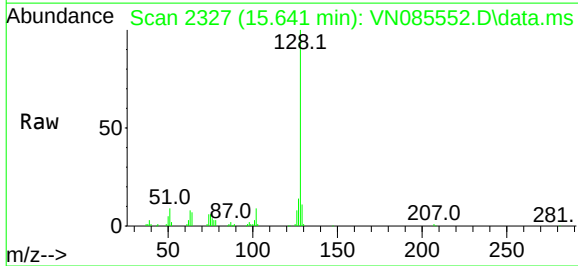
VN0129WBSD01

Tgt Ion:	128	Resp:	117949
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	16.0
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.194 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085552.D

Acq: 29 Jan 2025 13:04

Tgt Ion:	180	Resp:	41463
Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.4	142.2
145	34.1	16.9	50.7

