

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
 Data File : VN085392.D
 Acq On : 07 Jan 2025 11:42
 Operator : JC\MD
 Sample : VN0107WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0107WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 04:16:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	31547	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	161684	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	151196	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	80027	28.837	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	96.133%	
60) 4-Bromofluorobenzene	12.841	95	72943	29.783	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	99.267%	
63) Toluene-d8	10.559	98	219630	29.748	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	99.167%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52446	19.883	ug/l	97
3) Chloromethane	2.359	50	49268	18.499	ug/l	98
4) Vinyl Chloride	2.518	62	50855	18.806	ug/l	99
5) Bromomethane	2.965	94	31236	19.759	ug/l	96
6) Chloroethane	3.130	64	33928	19.875	ug/l	99
7) Trichlorofluoromethane	3.506	101	75430	20.303	ug/l	91
8) Diethyl Ether	3.959	74	25273	19.752	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	43885	20.571	ug/l	96
10) 1,1-Dichloroethene	4.342	96	38811	19.915	ug/l	92
11) Methyl Iodide	4.583	142	47895	20.506	ug/l	94
12) Methyl Acetate	5.018	43	57864	19.882	ug/l	94
13) Acrolein	4.183	56	22758	87.591	ug/l	97
14) Acrylonitrile	5.712	53	96887	86.071	ug/l	99
15) Acetone	4.412	58	23920	84.238	ug/l	98
16) Carbon Disulfide	4.712	76	110824	18.707	ug/l	96
17) Allyl chloride	5.024	41	59127	18.755	ug/l	94
18) Methylene Chloride	5.271	84	46877	20.185	ug/l	99
19) trans-1,2-Dichloroethene	5.783	96	40915	20.185	ug/l	95
20) Diisopropyl ether	6.659	45	147579	20.425	ug/l	97
21) 1,1-Dichloroethane	6.565	63	86320	20.436	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	49518	20.515	ug/l	96
23) tert-Butyl Alcohol	5.500	59	25820	69.599	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	130316	20.372	ug/l	97
25) Chloroform	7.959	83	86727	20.255	ug/l	98
26) Cyclohexane	8.253	56	59746	18.552	ug/l #	97
29) 1,1-Dichloropropene	8.365	75	58002	20.662	ug/l	99
30) 2-Butanone	7.477	43	123398	83.277	ug/l #	83
31) 2,2-Dichloropropane	7.489	77	74616	20.977	ug/l	100
32) 1,1,1-Trichloroethane	8.159	97	74487	20.411	ug/l	99
33) Carbon Tetrachloride	8.353	117	66040	20.673	ug/l	98
34) Benzene	8.600	78	183931	20.728	ug/l	99
35) Methacrylonitrile	7.765	41	31538	19.227	ug/l	96
36) 1,2-Dichloroethane	8.665	62	66640	20.768	ug/l	99
37) Trichloroethene	9.347	130	40119	20.549	ug/l	96
38) Methylcyclohexane	9.594	83	57755	19.881	ug/l	95
39) 1,2-Dichloropropane	9.618	63	47206	20.910	ug/l	97
40) Dibromomethane	9.700	93	32214	20.466	ug/l	99
41) Bromodichloromethane	9.882	83	67806	20.613	ug/l	99
42) Vinyl Acetate	6.600	43	493489	94.348	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	54302	17.721	ug/l	99
44) Isopropyl Acetate	8.683	43	95265	18.714	ug/l	99
45) 1,4-Dioxane	9.688	88	11059	279.309	ug/l	94
46) Methyl methacrylate	9.677	41	42538	18.003	ug/l	98
47) n-amyl Acetate	12.488	43	75941	17.512	ug/l	99
48) t-1,3-Dichloropropene	10.829	75	65101	20.036	ug/l	98
49) cis-1,3-Dichloropropene	10.306	75	70549	20.196	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	42009	20.407	ug/l	98
51) Ethyl methacrylate	10.871	69	59699	19.174	ug/l	94
52) 1,3-Dichloropropane	11.159	76	74437	20.715	ug/l	98
53) Dibromochloromethane	11.353	129	49399	20.480	ug/l	99
54) 1,2-Dibromoethane	11.465	107	40450	20.305	ug/l	98
55) 2-Chloroethyl vinyl ether	10.153	63	169065	105.417	ug/l	99
56) Bromoform	12.576	173	28855	18.338	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	272378	88.864	ug/l	98
59) 2-Hexanone	11.188	43	185567	83.338	ug/l	97
61) Tetrachloroethene	11.100	164	37432	22.177	ug/l	93
62) Toluene	10.624	91	192736	20.749	ug/l	100
64) Chlorobenzene	11.888	112	117831	21.033	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.953	131	42154	20.748	ug/l	99
66) Ethyl Benzene	11.959	91	193823	19.831	ug/l	97
67) m/p-Xylenes	12.065	106	153533	41.871	ug/l	97
68) o-Xylene	12.394	106	69882	20.008	ug/l	98
69) Styrene	12.406	104	118962	20.154	ug/l	100
70) Isopropylbenzene	12.688	105	179963	20.520	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	57731	18.560	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	51795m	19.565	ug/l	
73) Bromobenzene	12.976	156	44405	20.495	ug/l	97
74) n-propylbenzene	13.029	91	217809	19.935	ug/l	97
75) 2-Chlorotoluene	13.123	91	134134	20.379	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	152638	20.397	ug/l	100
77) t-1,4-Dichloro-2-butene	12.729	75	18382	16.990	ug/l	92
78) 4-Chlorotoluene	13.218	91	133143	19.895	ug/l	99
79) tert-butylbenzene	13.435	119	123344	20.155	ug/l	96
80) 1,2,4-Trimethylbenzene	13.476	105	152619	20.489	ug/l	99
81) sec-Butylbenzene	13.612	105	178519	20.205	ug/l	99
82) p-Isopropyltoluene	13.723	119	149824	20.590	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	82603	20.443	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	79807	20.415	ug/l	97
85) n-Butylbenzene	14.053	91	125572	19.988	ug/l	99
86) Hexachloroethane	14.329	117	30104	19.271	ug/l	97
87) 1,2-Dichlorobenzene	14.100	146	78682	20.496	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9491	16.714	ug/l	96
89) 1,2,4-Trichlorobenzene	15.829	180	34951	19.218	ug/l	99
90) Hexachlorobutadiene	15.494	225	18392	20.288	ug/l	90
91) Naphthalene	15.635	128	98807	16.909	ug/l	100
92) 1,2,3-Trichlorobenzene	15.829	180	34951	19.218	ug/l	99

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

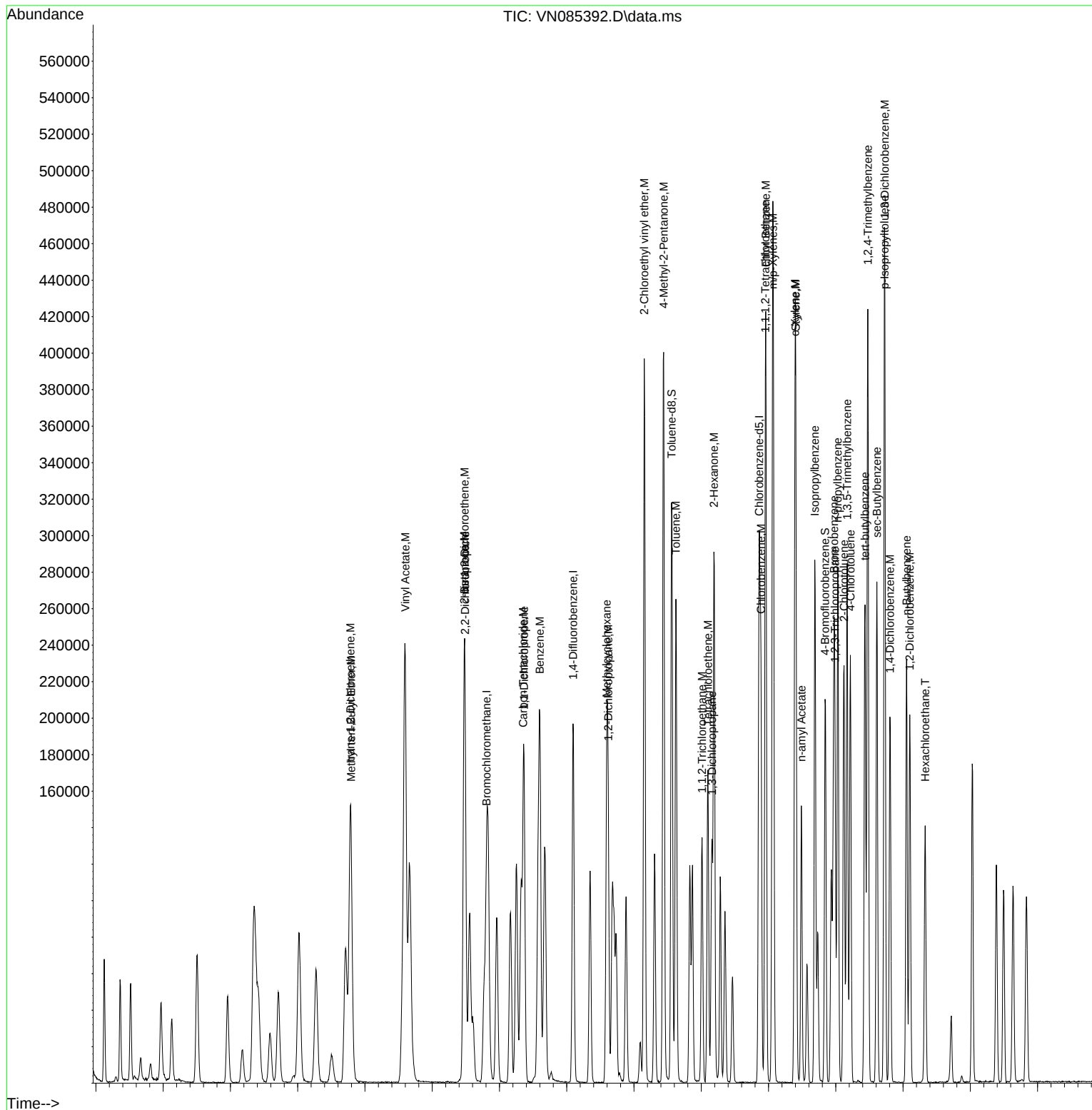
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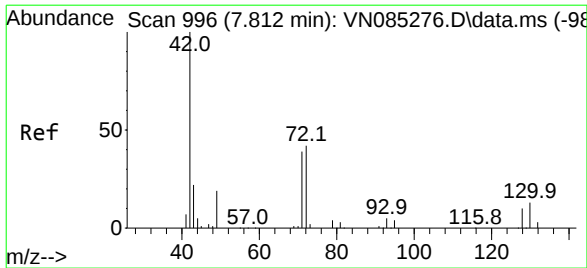
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Manual Integrations
APPROVED

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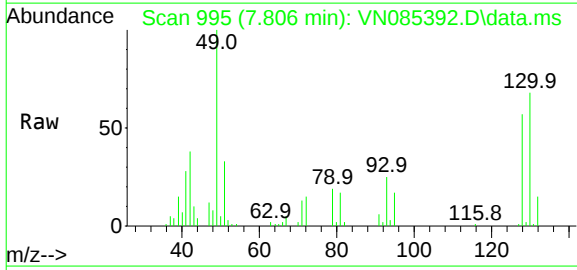
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QLast Update : Sat Dec 21 02:03:07 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

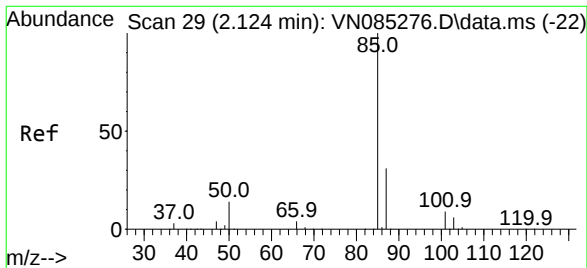
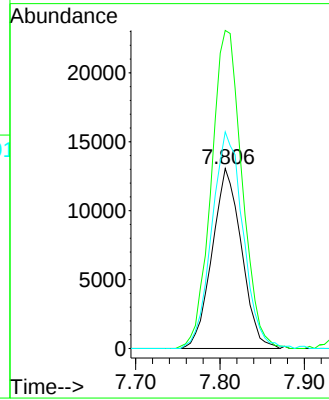
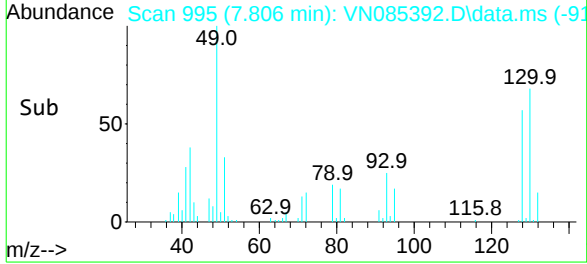
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



Tgt Ion:128 Resp: 31547
Ion Ratio Lower Upper
128 100
49 185.1 0.0 497.8
130 127.9 0.0 328.5

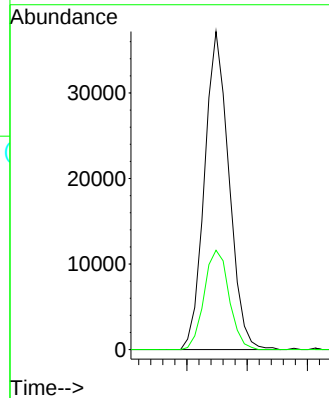
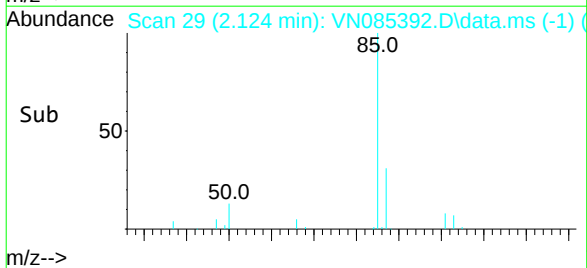
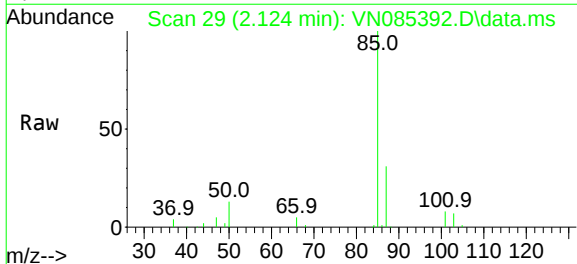
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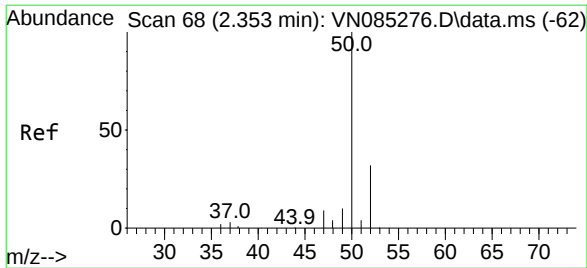
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#2
Dichlorodifluoromethane
Concen: 19.883 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion: 85 Resp: 52446
Ion Ratio Lower Upper
85 100
87 31.2 16.5 49.5





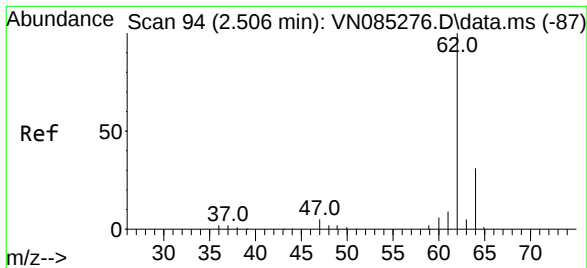
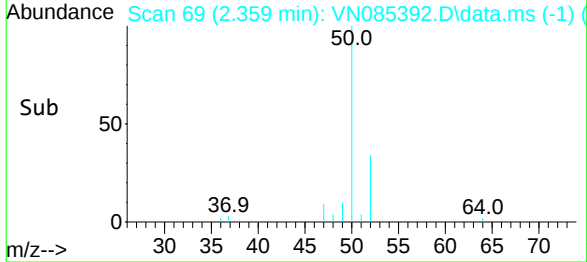
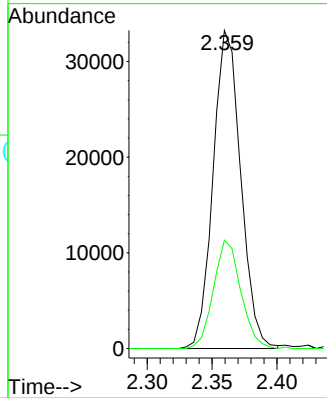
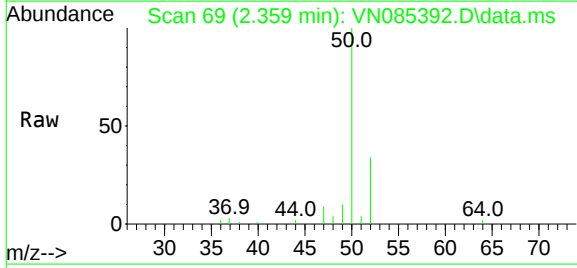
#3
Chloromethane
Concen: 18.499 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
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ClientSampleId :
VN0107WBSD01

Tgt Ion: 50 Resp: 49268
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7

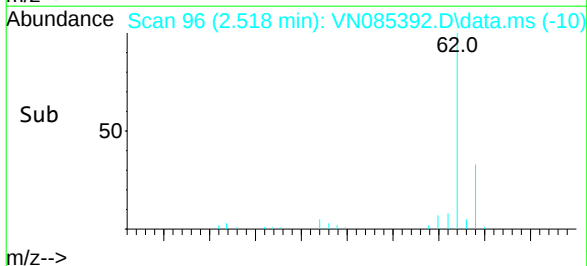
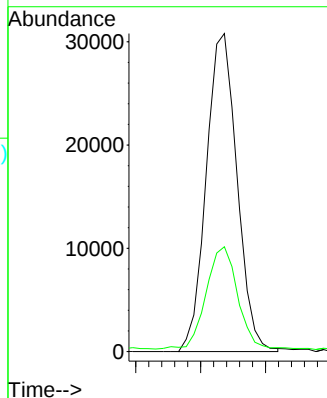
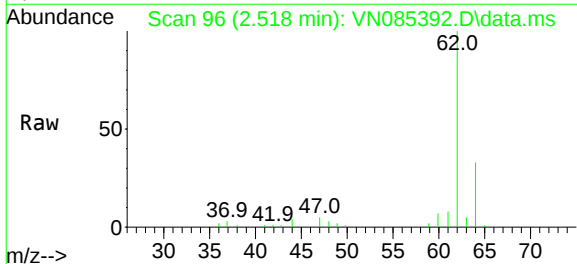
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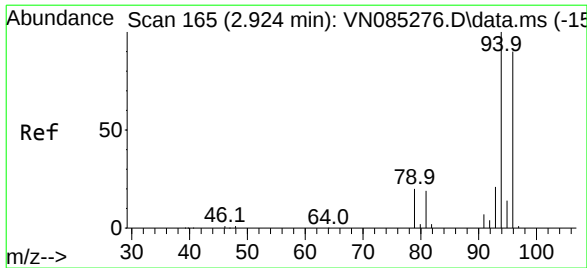
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#4
Vinyl Chloride
Concen: 18.806 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

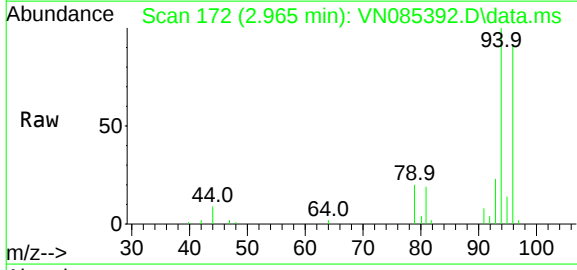
Tgt Ion: 62 Resp: 50855
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.4





#5
Bromomethane
Concen: 19.759 ug/l
RT: 2.965 min Scan# 17
Delta R.T. 0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

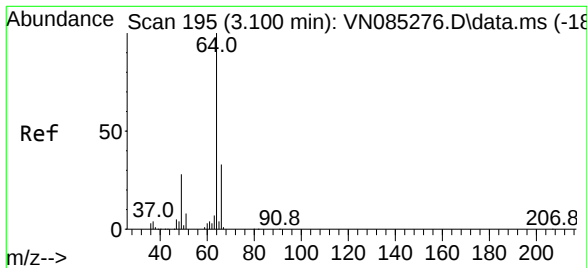
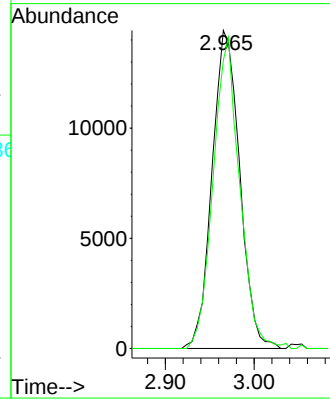
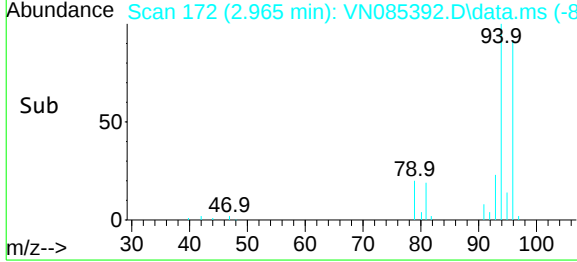
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ClientSampleId :
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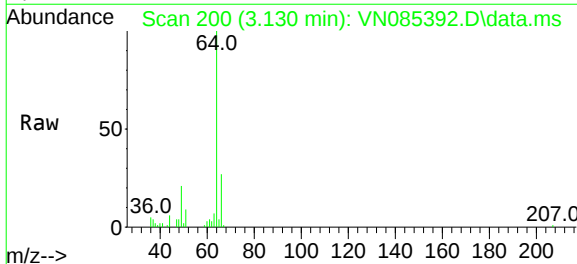
Tgt Ion: 94 Resp: 31236
Ion Ratio Lower Upper
94 100
96 90.6 75.6 113.4

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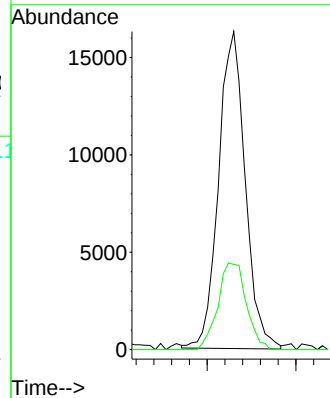
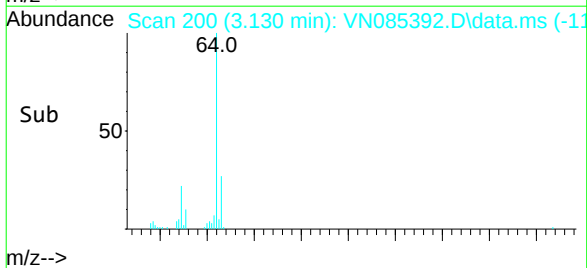
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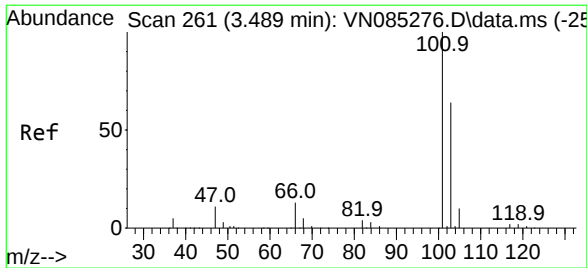


#6
Chloroethane
Concen: 19.875 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42



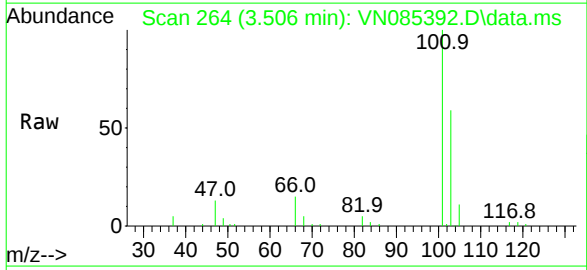
Tgt Ion: 64 Resp: 33928
Ion Ratio Lower Upper
64 100
66 27.1 22.2 33.4





#7
Trichlorofluoromethane
Concen: 20.303 ug/l
RT: 3.506 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

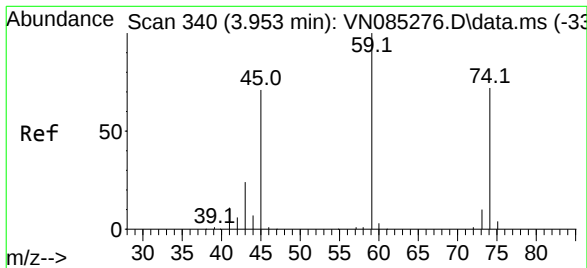
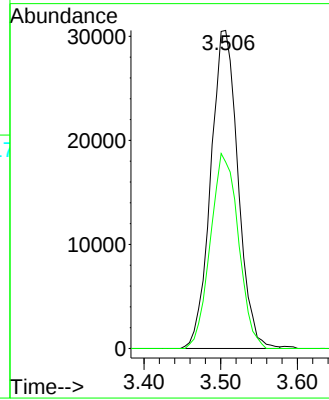
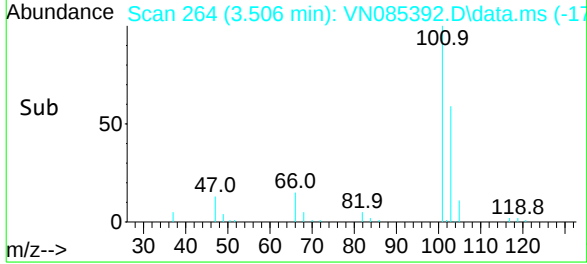
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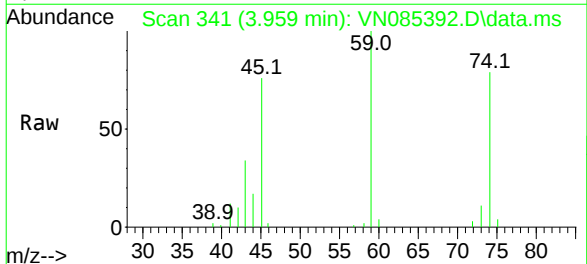
Tgt Ion: 101 Resp: 75430
Ion Ratio Lower Upper
101 100
103 58.6 52.6 78.8

Manual Integrations
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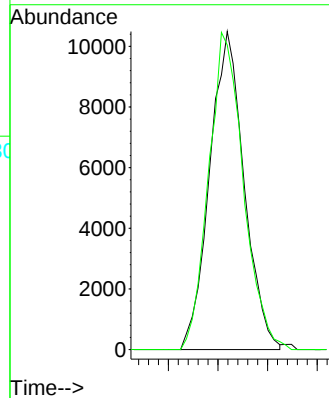
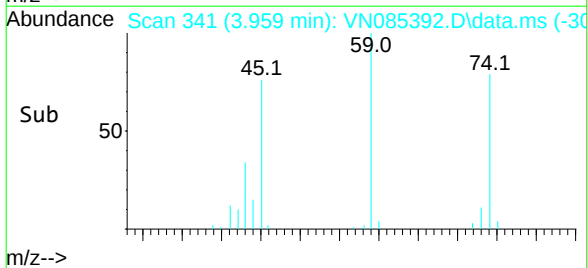
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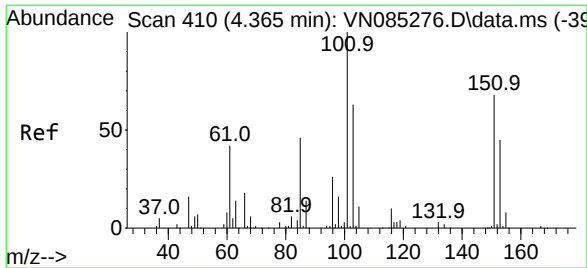


#8
Diethyl Ether
Concen: 19.752 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN085392.D
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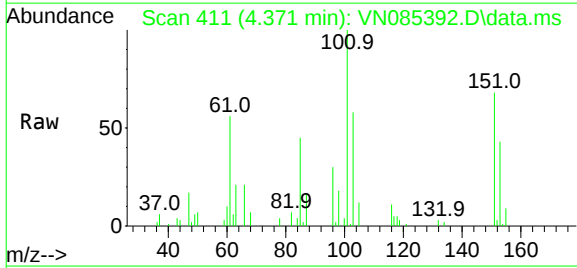
Tgt Ion: 74 Resp: 25273
Ion Ratio Lower Upper
74 100
45 100.3 20.8 187.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.571 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
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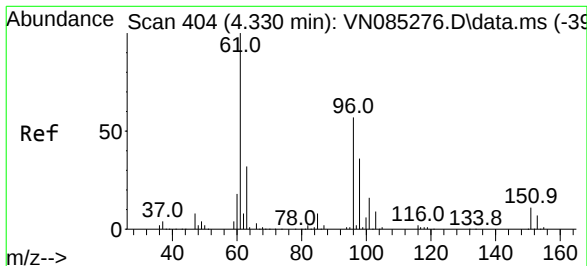
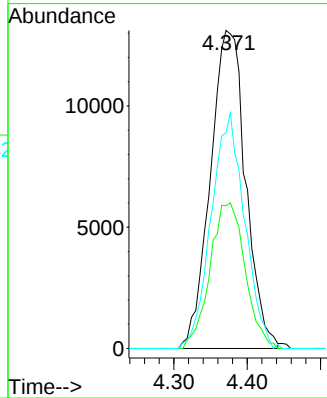
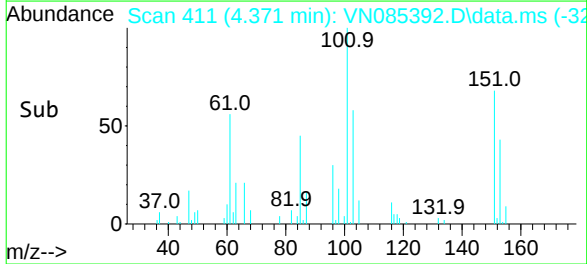
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



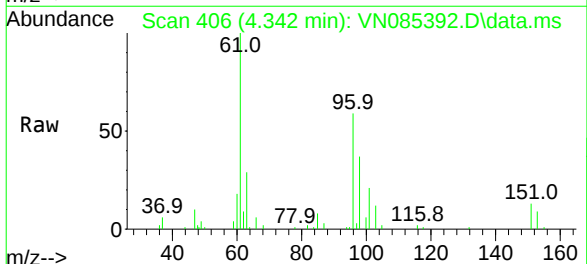
Tgt Ion: 101 Resp: 43885
Ion Ratio Lower Upper
101 100
85 45.5 0.0 96.6
151 69.8 0.0 147.4

Manual Integrations
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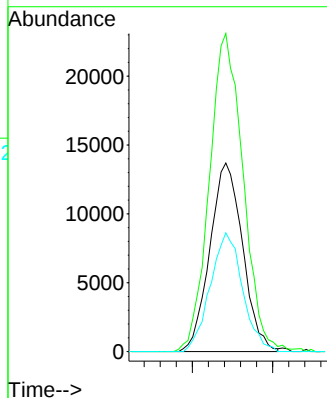
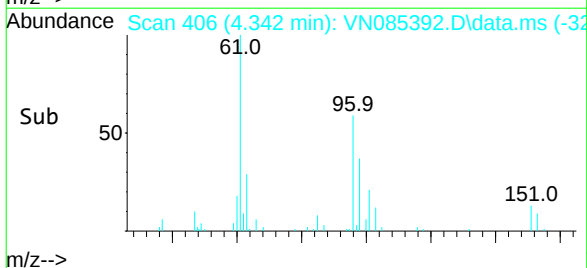
Reviewed By : John Carlone 01/08/2025
Supervised By : Mahesh Dadoda 01/08/2025

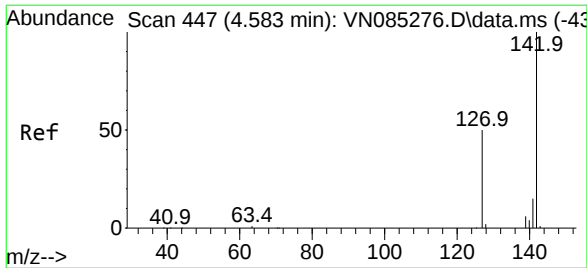


#10
1,1-Dichloroethene
Concen: 19.915 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42



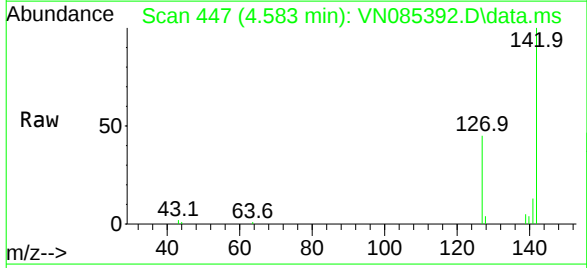
Tgt Ion: 96 Resp: 38811
Ion Ratio Lower Upper
96 100
61 167.5 145.9 218.9
98 63.0 51.9 77.9





#11
Methyl Iodide
Concen: 20.506 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

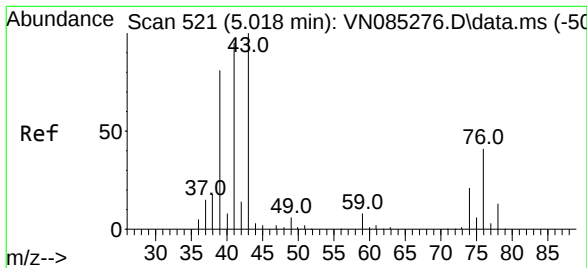
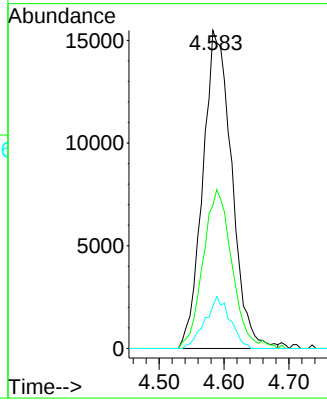
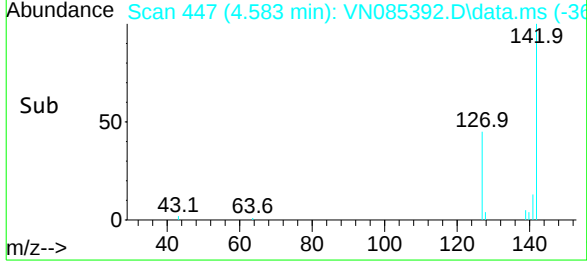
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



Tgt Ion: 142 Resp: 47895
Ion Ratio Lower Upper
142 100
127 45.3 25.1 75.4
141 13.4 6.9 20.7

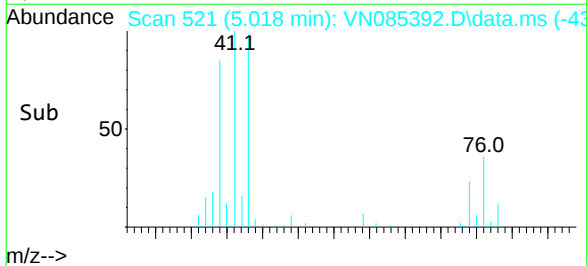
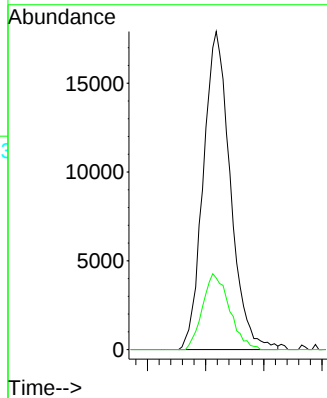
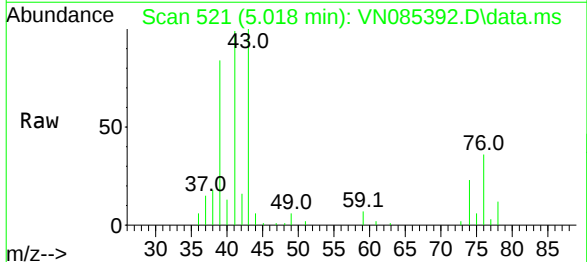
Manual Integrations
APPROVED

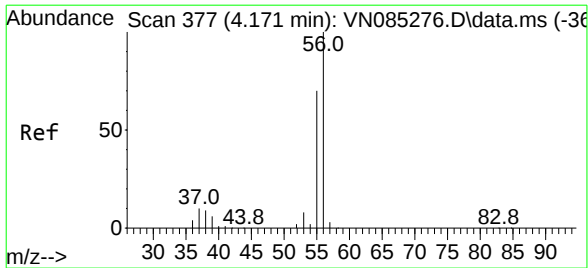
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#12
Methyl Acetate
Concen: 19.882 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

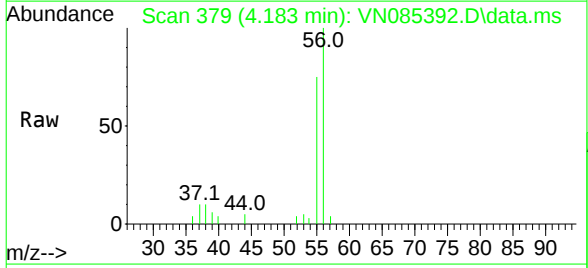
Tgt Ion: 43 Resp: 57864
Ion Ratio Lower Upper
43 100
74 22.7 20.5 30.7





#13
Acrolein
Concen: 87.591 ug/l
RT: 4.183 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

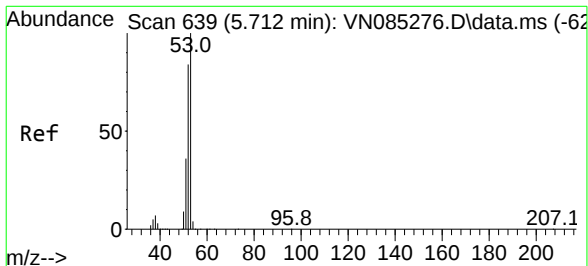
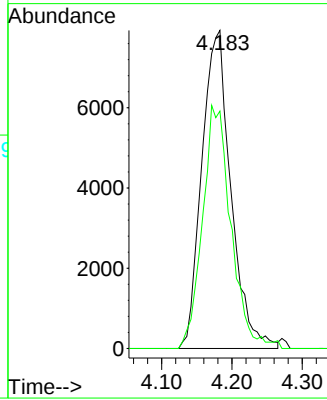
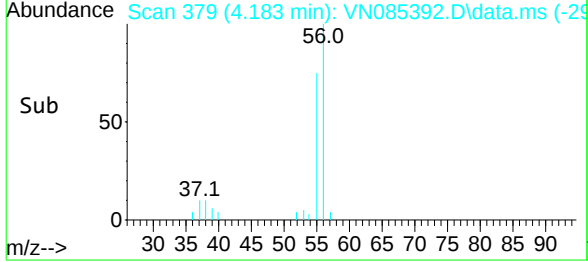
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



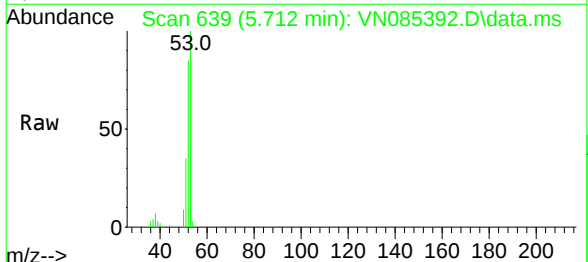
Tgt Ion: 56 Resp: 22758
Ion Ratio Lower Upper
56 100
55 73.3 56.8 85.2

Manual Integrations
APPROVED

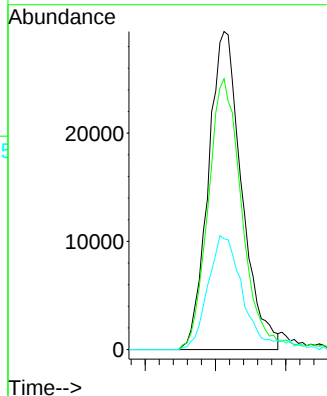
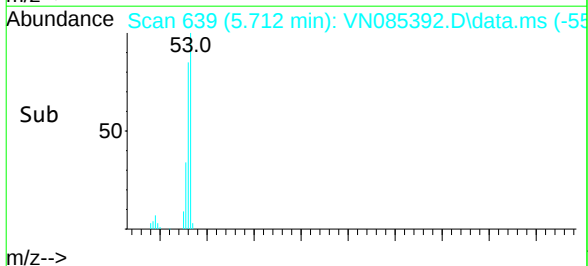
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

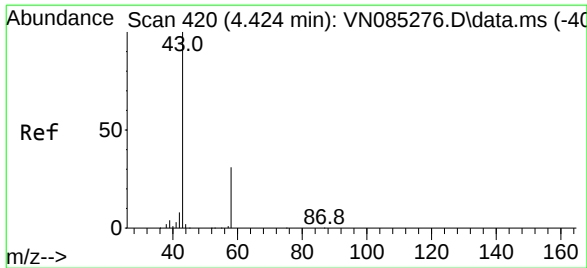


#14
Acrylonitrile
Concen: 86.071 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42



Tgt Ion: 53 Resp: 96887
Ion Ratio Lower Upper
53 100
52 84.5 41.6 124.8
51 36.3 18.1 54.4





#15

Acetone

Concen: 84.238 ug/l

RT: 4.412 min Scan# 41

Delta R.T. -0.017 min

Lab File: VN085392.D

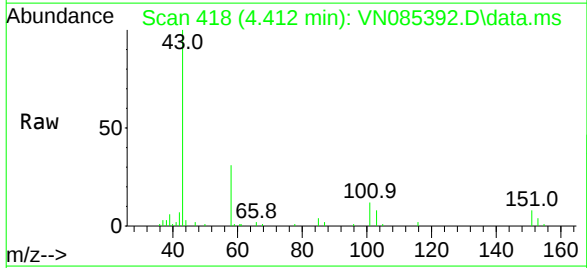
Acq: 07 Jan 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0107WBSD01



Tgt Ion: 58 Resp: 23920

Ion Ratio Lower Upper

58 100

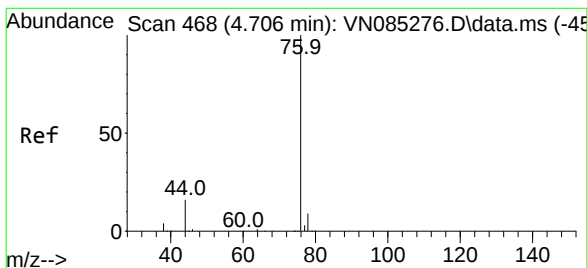
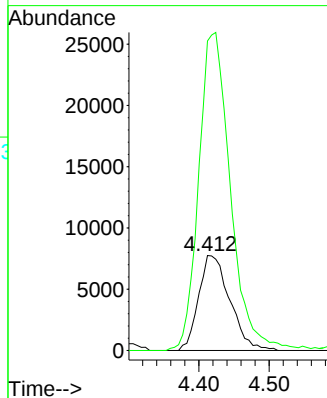
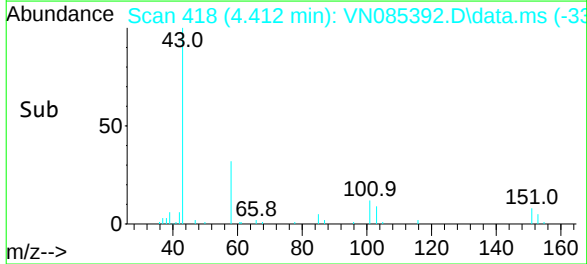
43 319.9 258.8 388.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#16

Carbon Disulfide

Concen: 18.707 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN085392.D

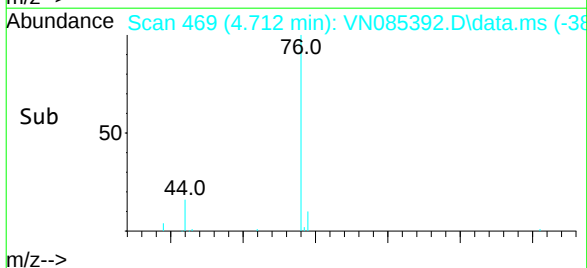
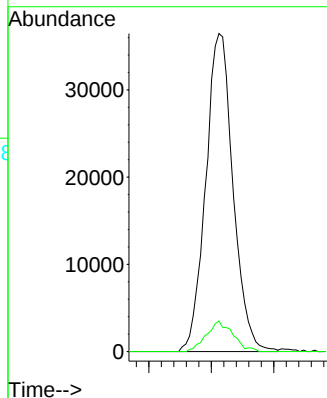
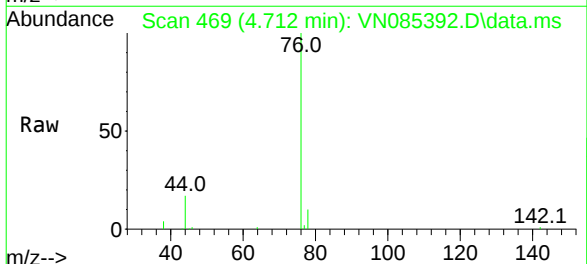
Acq: 07 Jan 2025 11:42

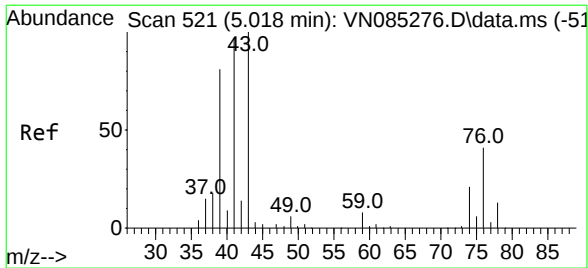
Tgt Ion: 76 Resp: 110824

Ion Ratio Lower Upper

76 100

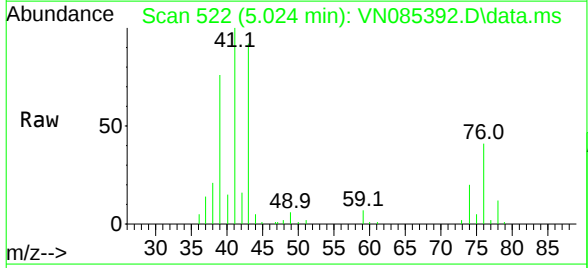
78 9.6 6.6 9.8





#17
 Allyl chloride
 Concen: 18.755 ug/l
 RT: 5.024 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: VN085392.D
 Acq: 07 Jan 2025 11:42

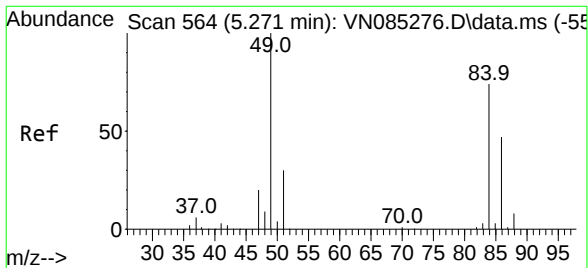
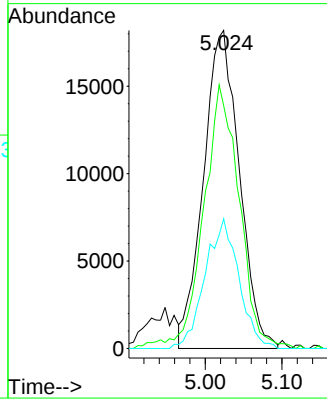
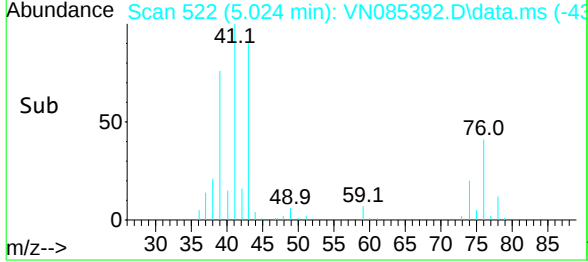
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0107WBSD01



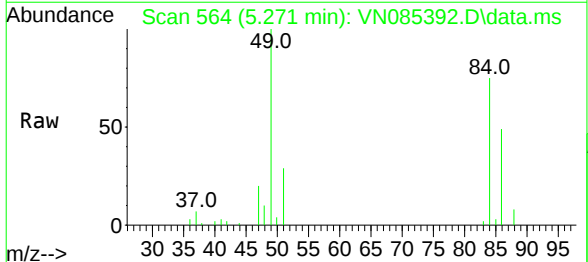
Tgt Ion: 41 Resp: 59127
 Ion Ratio Lower Upper
 41 100
 39 75.7 41.3 124.1
 76 41.2 19.5 58.5

Manual Integrations
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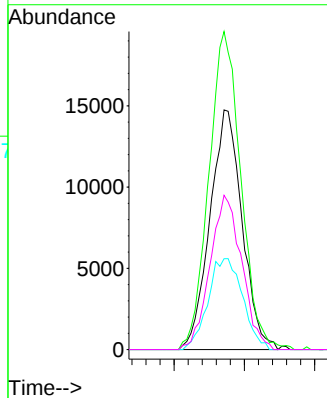
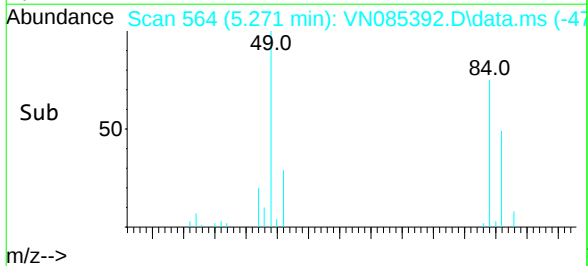
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025

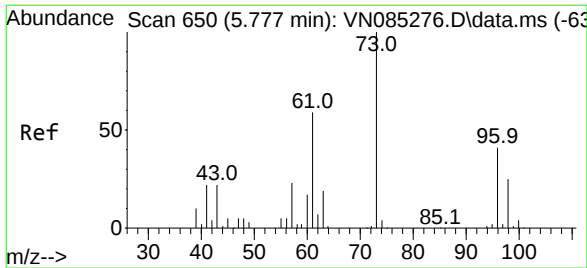


#18
 Methylene Chloride
 Concen: 20.185 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: VN085392.D
 Acq: 07 Jan 2025 11:42



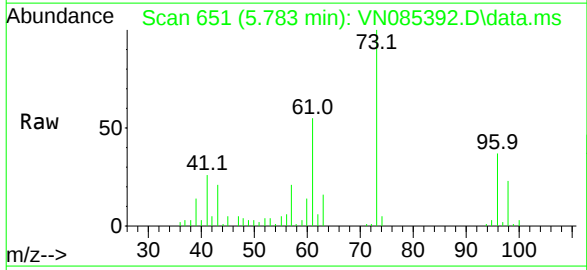
Tgt Ion: 84 Resp: 46877
 Ion Ratio Lower Upper
 84 100
 49 132.7 104.9 157.3
 51 37.9 30.2 45.4
 86 64.4 50.6 76.0





#19
trans-1,2-Dichloroethene
Concen: 20.185 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

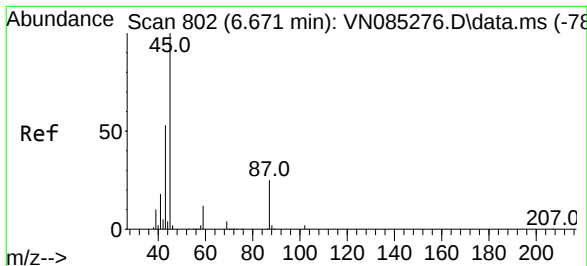
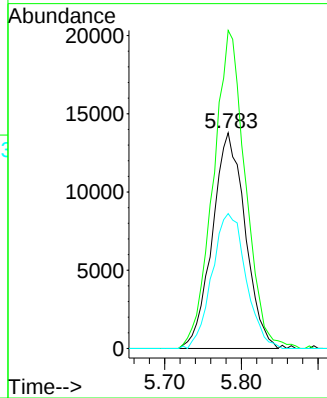
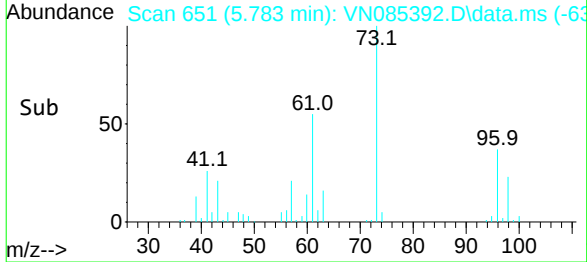
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



Tgt Ion: 96 Resp: 40915
Ion Ratio Lower Upper
96 100
61 147.5 124.2 186.4
98 62.5 51.0 76.4

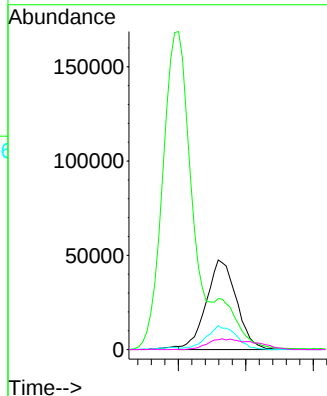
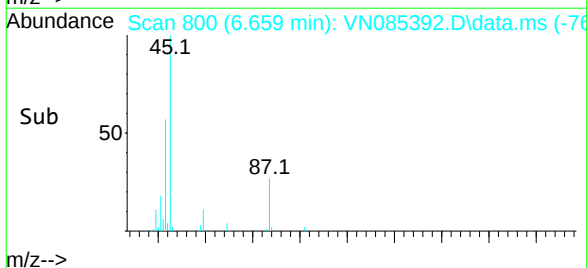
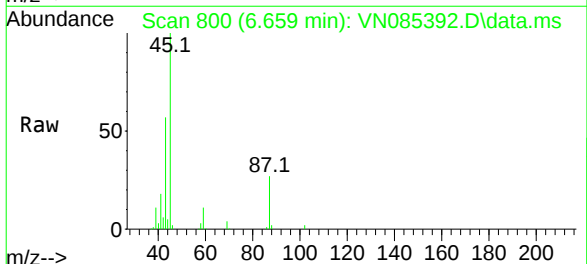
Manual Integrations
APPROVED

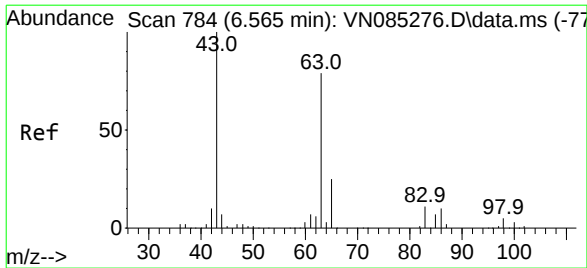
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#20
Diisopropyl ether
Concen: 20.425 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.012 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion: 45 Resp: 147579
Ion Ratio Lower Upper
45 100
43 55.5 46.6 69.8
87 26.9 22.3 33.5
59 11.0 9.2 13.8





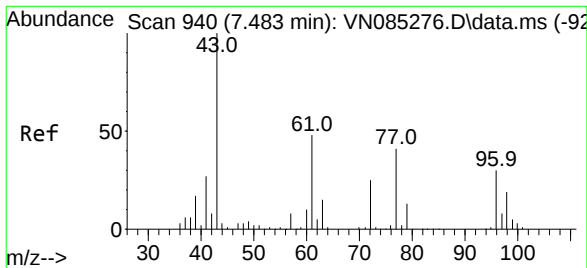
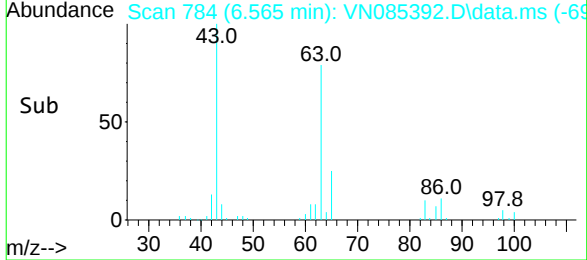
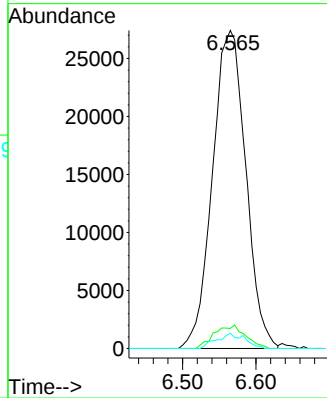
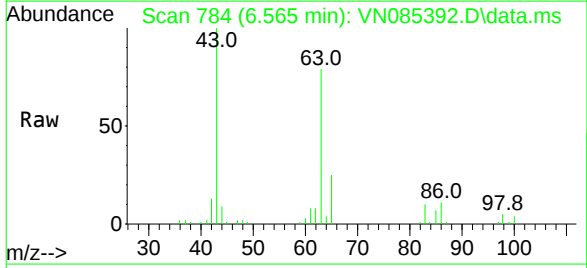
#21
1,1-Dichloroethane
Concen: 20.436 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Tgt Ion: 63 Resp: 86320
Ion Ratio Lower Upper
63 100
98 6.3 2.4 7.1
100 4.8 2.1 6.3

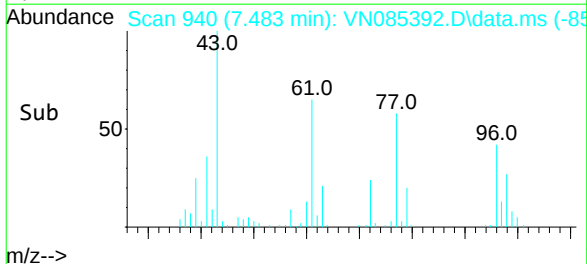
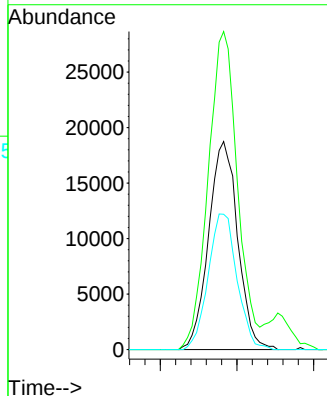
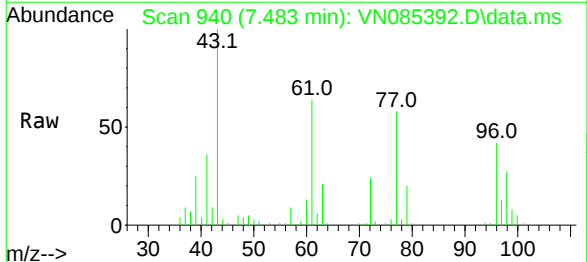
Manual Integrations
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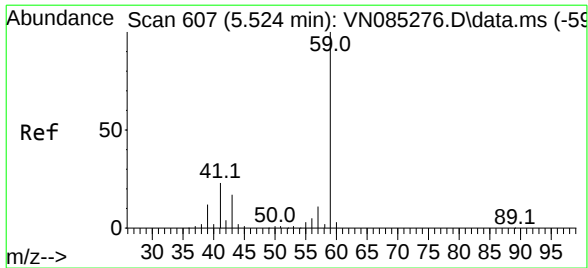
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#22
cis-1,2-Dichloroethene
Concen: 20.515 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion: 96 Resp: 49518
Ion Ratio Lower Upper
96 100
61 153.6 128.1 192.1
98 64.5 52.7 79.1





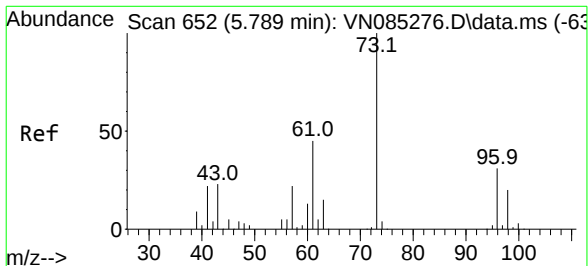
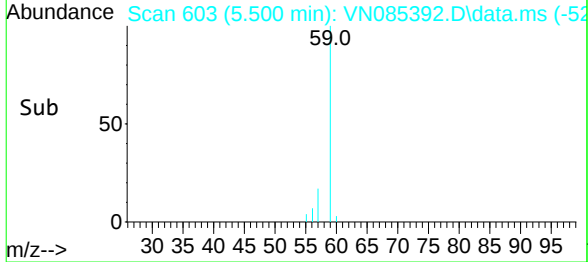
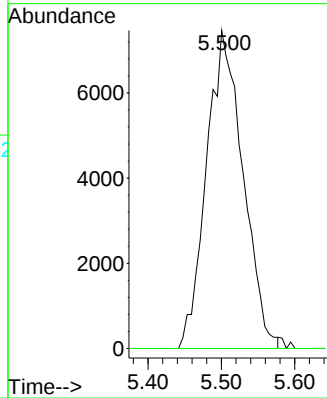
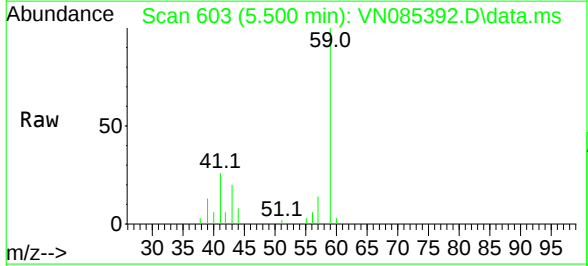
#23
tert-Butyl Alcohol
Concen: 69.599 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.017 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Tgt Ion: 59 Resp: 25820
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

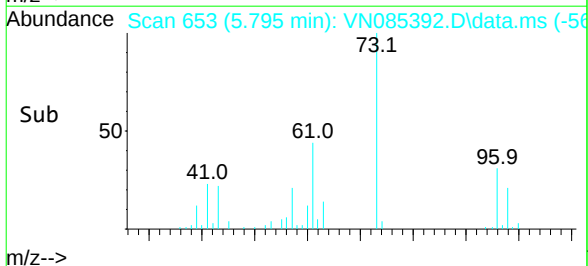
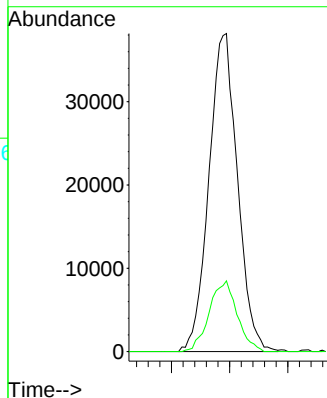
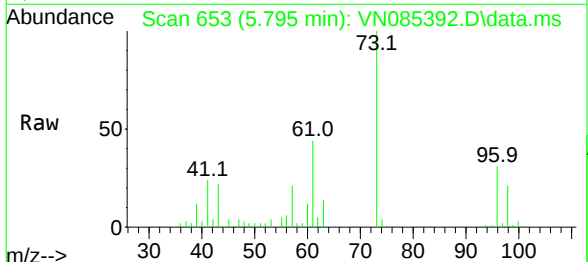
Manual Integrations
APPROVED

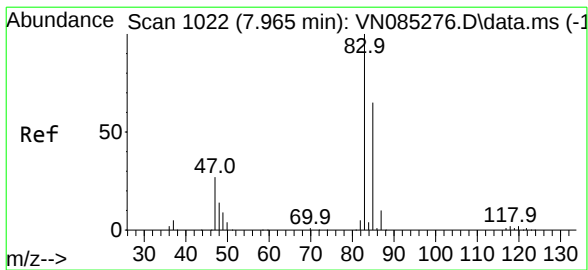
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#24
Methyl tert-Butyl Ether
Concen: 20.372 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

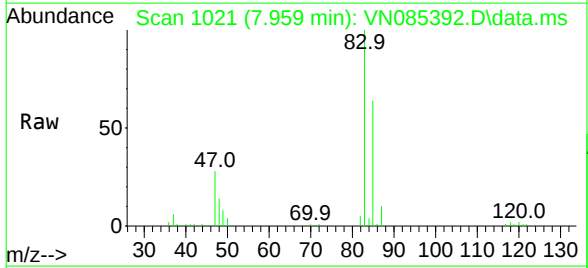
Tgt Ion: 73 Resp: 130316
Ion Ratio Lower Upper
73 100
43 21.7 18.6 27.8





#25
Chloroform
Concen: 20.255 ug/l
RT: 7.959 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

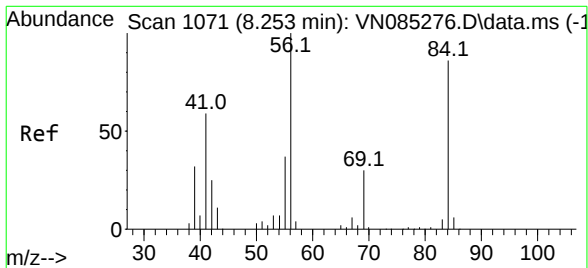
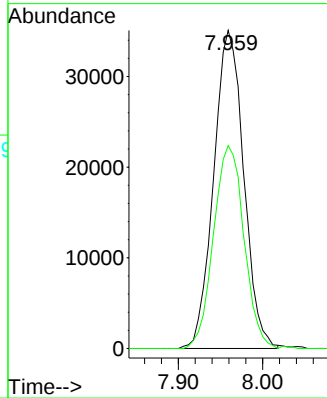
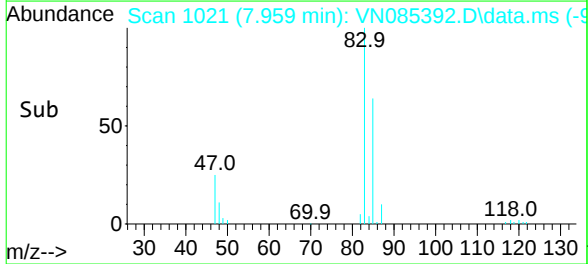
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



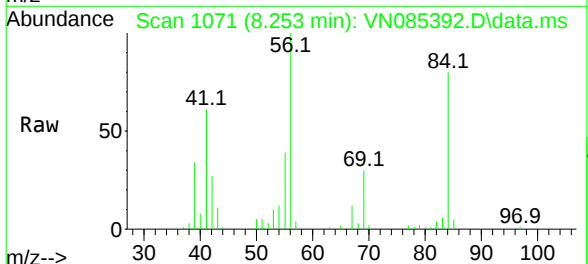
Tgt Ion: 83 Resp: 86727
Ion Ratio Lower Upper
83 100
85 63.8 52.0 78.0

Manual Integrations
APPROVED

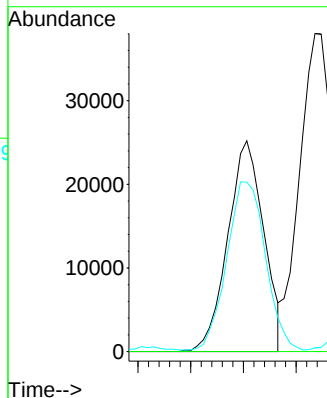
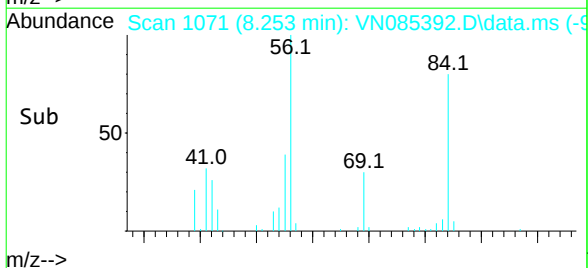
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

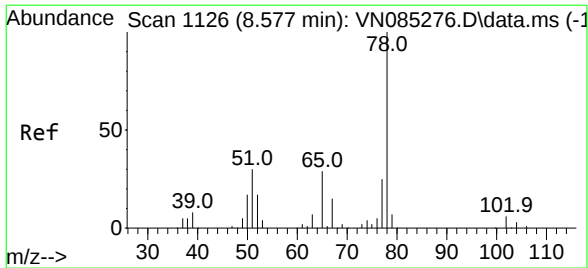


#26
Cyclohexane
Concen: 18.552 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42



Tgt Ion: 56 Resp: 59746
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.5 67.6 101.4





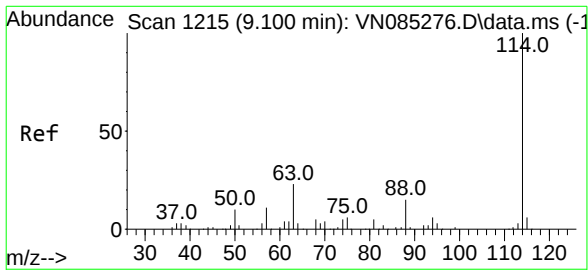
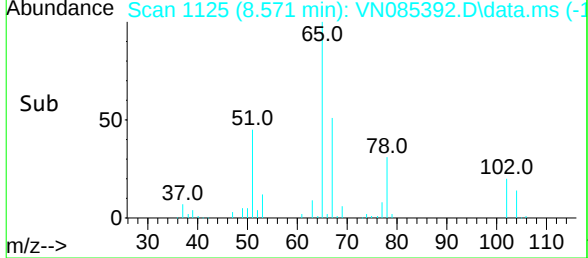
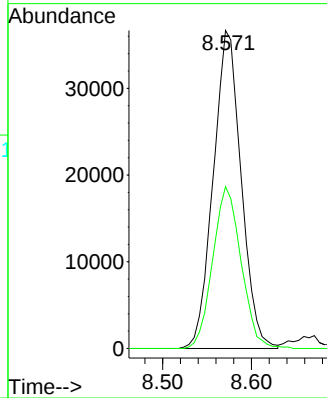
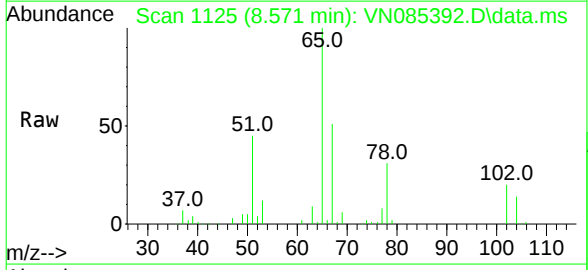
#27
1,2-Dichloroethane-d4
Concen: 28.837 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Tgt Ion: 65 Resp: 80027
Ion Ratio Lower Upper
65 100
67 51.6 42.0 63.0

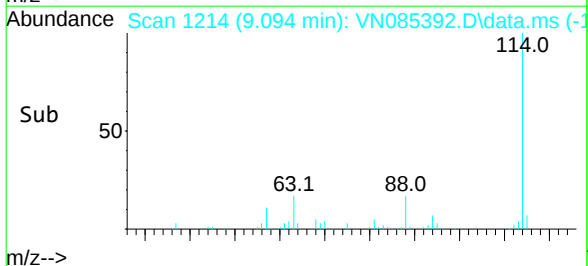
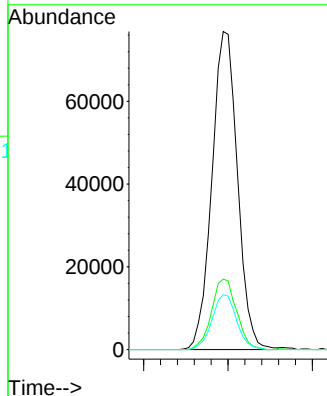
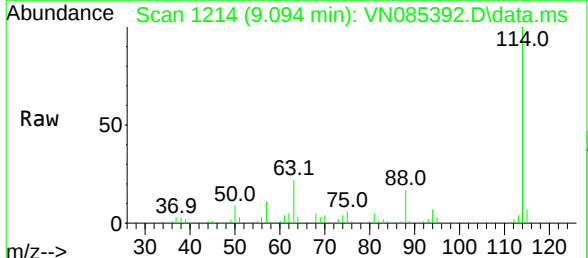
Manual Integrations
APPROVED

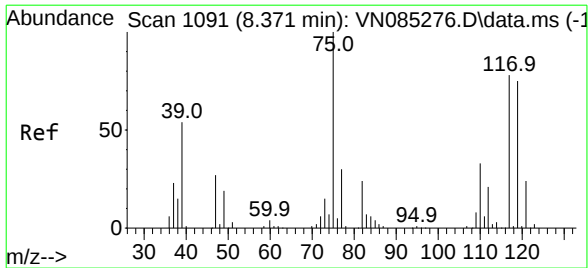
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion:114 Resp: 161684
Ion Ratio Lower Upper
114 100
63 21.7 18.0 27.0
88 16.6 12.9 19.3





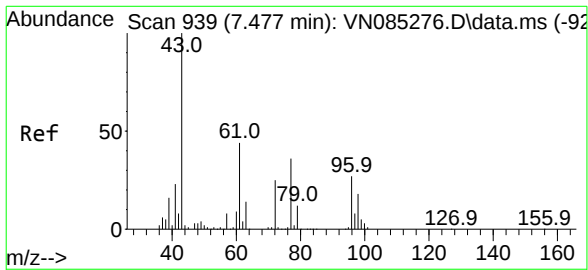
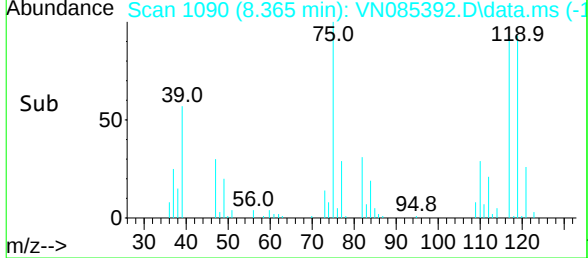
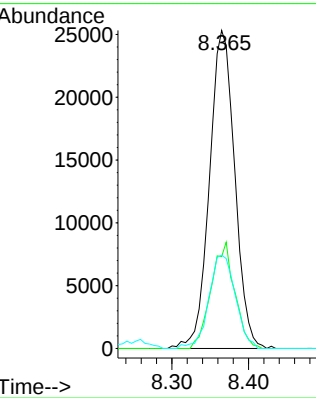
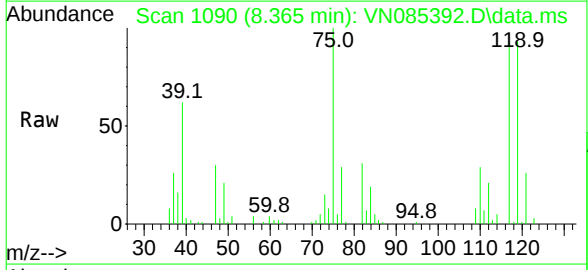
#29
1,1-Dichloropropene
Concen: 20.662 ug/l
RT: 8.365 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Tgt Ion: 75 Resp: 58002
Ion Ratio Lower Upper
75 100
110 31.3 0.0 64.8
77 30.9 0.0 60.8

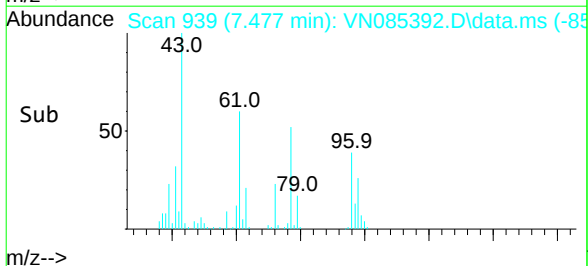
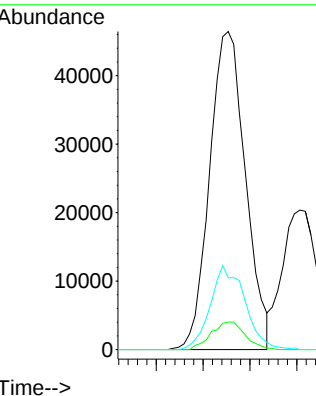
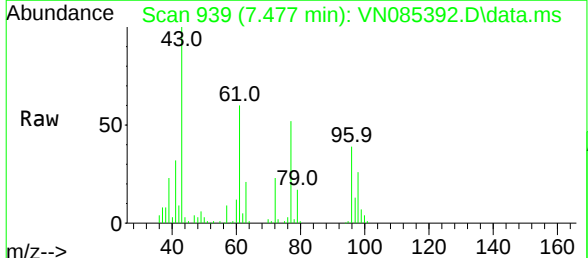
Manual Integrations
APPROVED

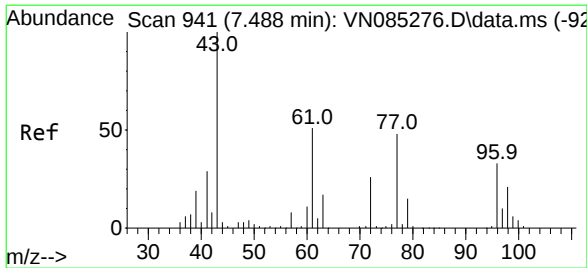
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#30
2-Butanone
Concen: 83.277 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion: 43 Resp: 123398
Ion Ratio Lower Upper
43 100
57 8.2 6.2 9.2
72 14.1 19.9 29.9#





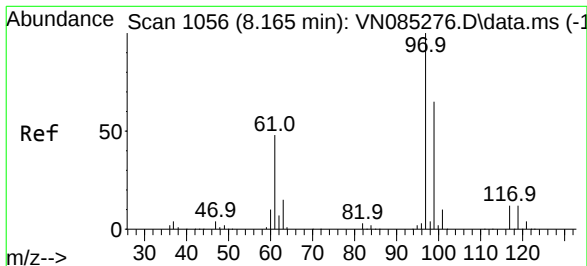
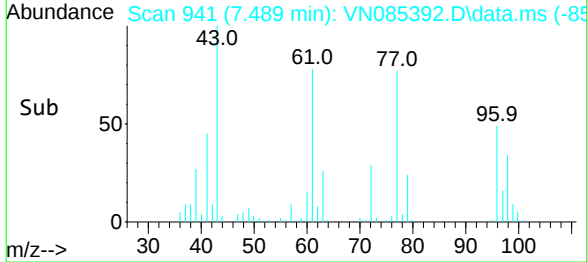
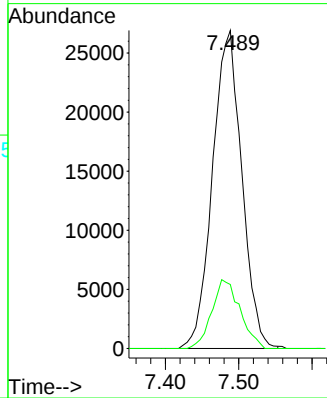
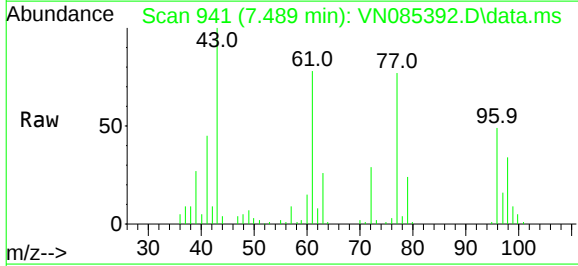
#31
2,2-Dichloropropane
Concen: 20.977 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Tgt Ion: 77 Resp: 74616
Ion Ratio Lower Upper
77 100
97 20.9 16.9 25.3

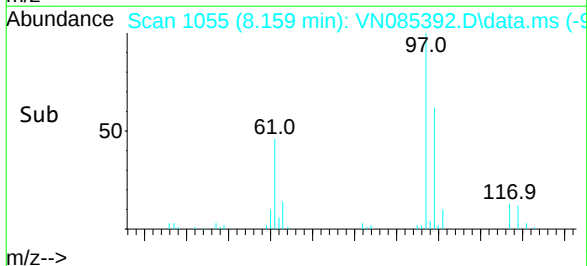
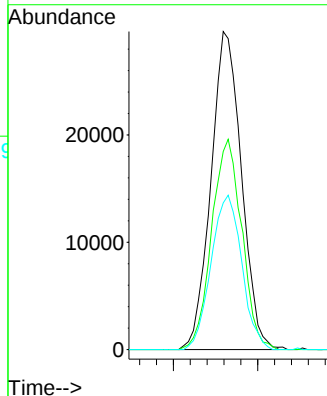
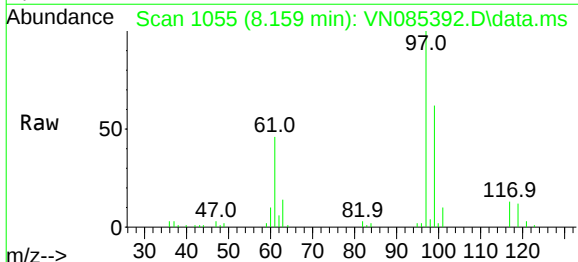
Manual Integrations
APPROVED

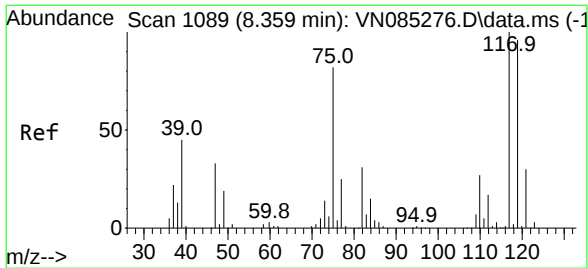
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#32
1,1,1-Trichloroethane
Concen: 20.411 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

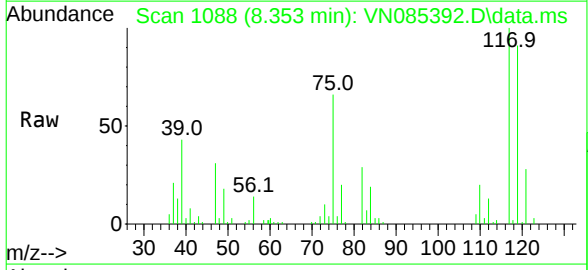
Tgt Ion: 97 Resp: 74487
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 48.8 39.8 59.8





#33
Carbon Tetrachloride
Concen: 20.673 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

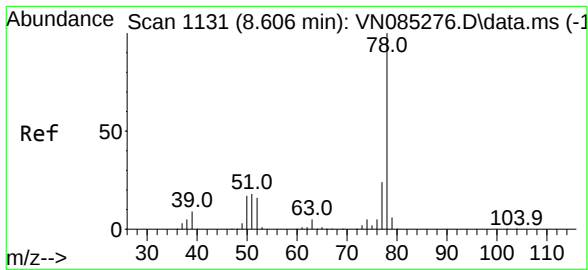
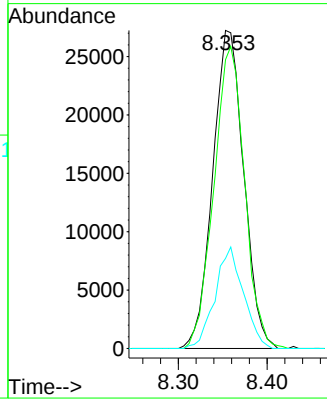
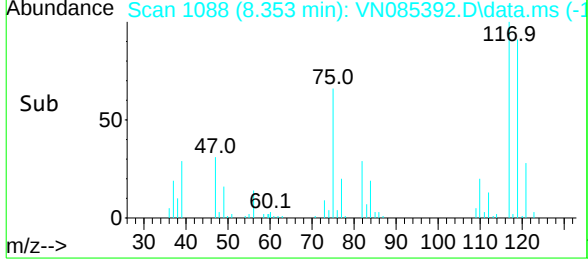
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



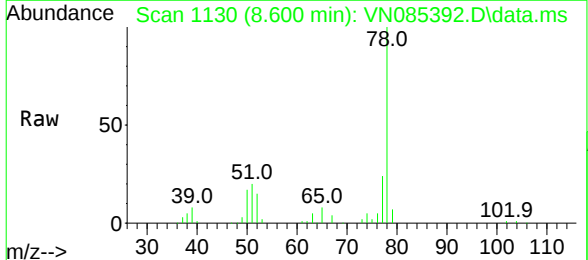
Tgt Ion: 117 Resp: 66040
Ion Ratio Lower Upper
117 100
119 90.8 71.6 107.4
121 28.3 23.5 35.3

Manual Integrations
APPROVED

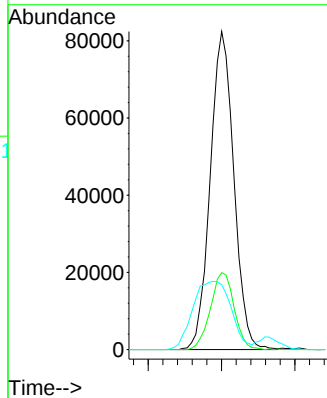
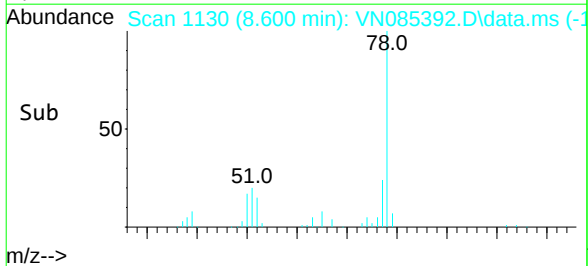
Reviewed By : John Carlone 01/08/2025
Supervised By : Mahesh Dadoda 01/08/2025

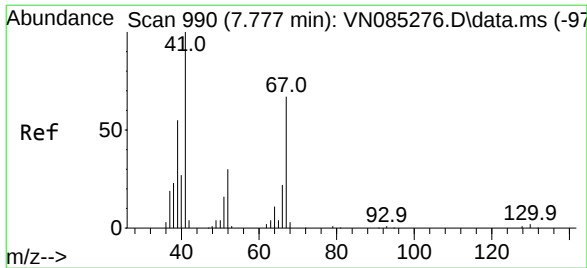


#34
Benzene
Concen: 20.728 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42



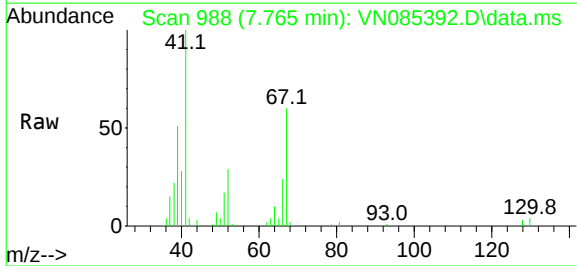
Tgt Ion: 78 Resp: 183931
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9
51 18.7 14.6 21.8





#35
Methacrylonitrile
Concen: 19.227 ug/l
RT: 7.765 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

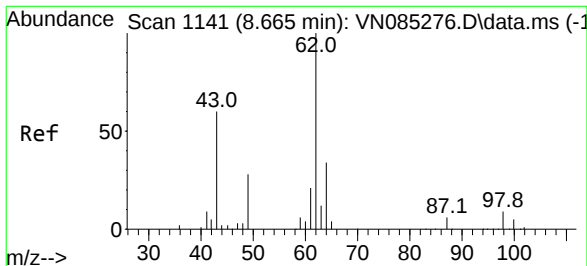
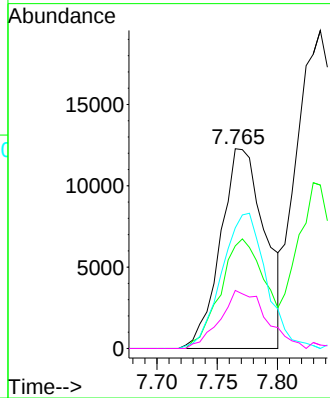
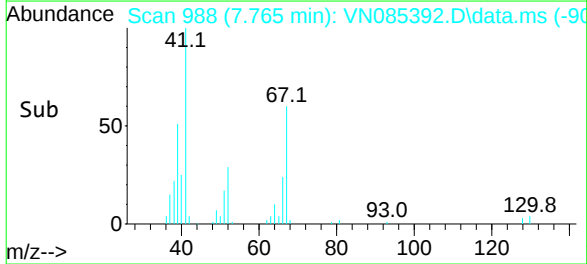
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



Tgt Ion:	41	Resp:	31538
Ion	Ratio	Lower	Upper
41	100		
39	51.4	26.7	80.0
67	60.4	32.5	97.5
52	29.1	13.3	39.9

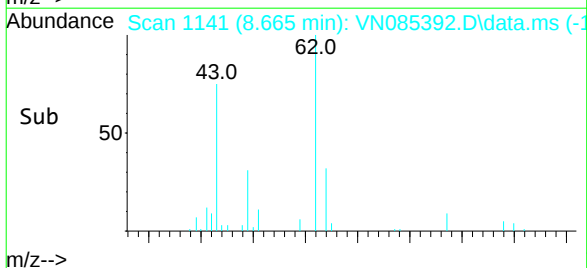
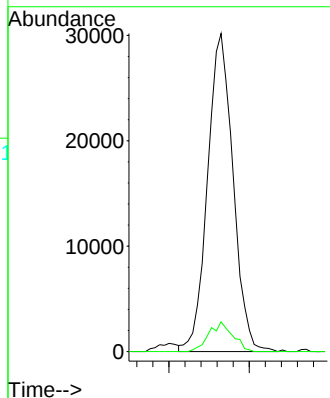
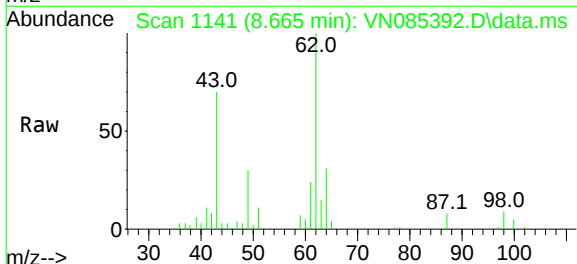
Manual Integrations
APPROVED

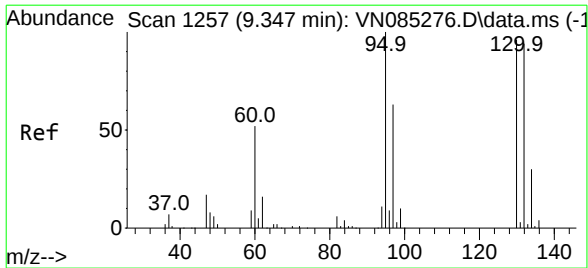
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#36
1,2-Dichloroethane
Concen: 20.768 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

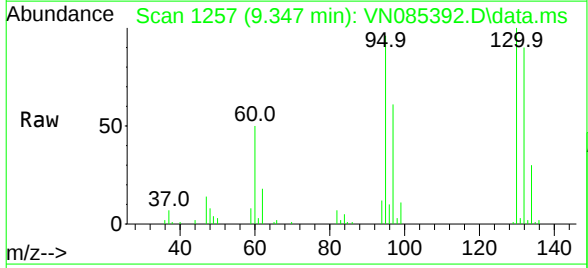
Tgt Ion:	62	Resp:	66640
Ion	Ratio	Lower	Upper
62	100		
98	8.7	6.6	10.0





#37
Trichloroethene
Concen: 20.549 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

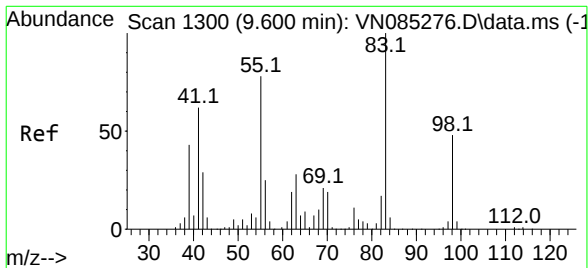
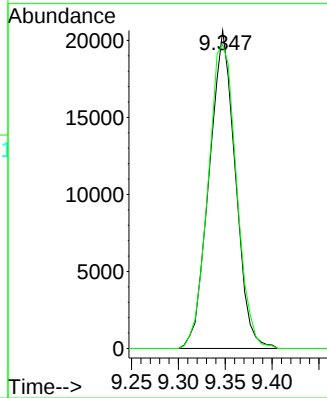
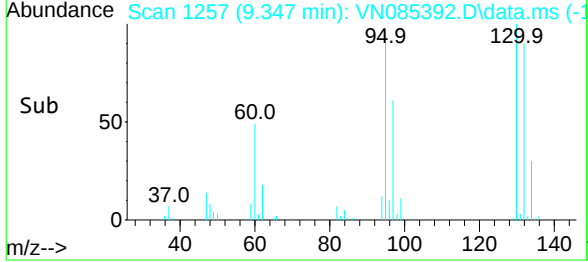
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



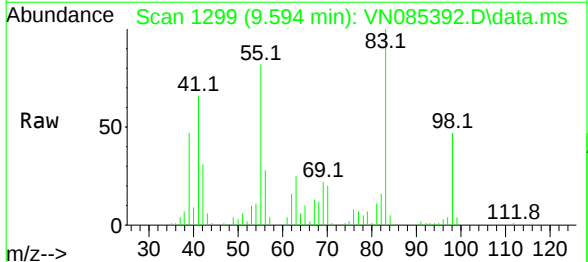
Tgt Ion:130 Resp: 40119
Ion Ratio Lower Upper
130 100
95 95.6 80.0 120.0

Manual Integrations
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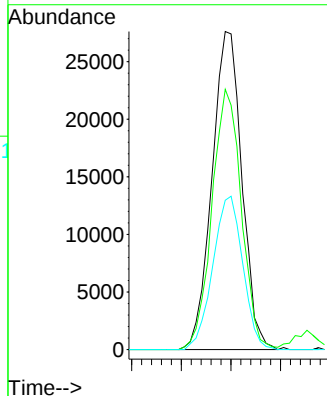
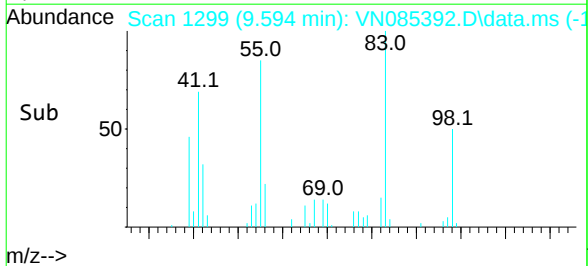
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

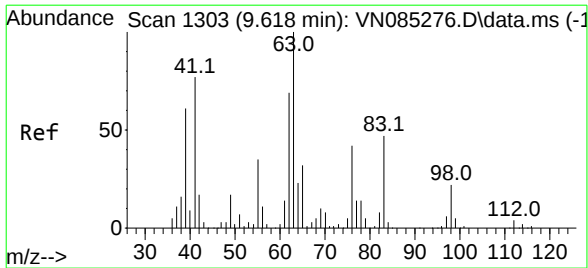


#38
Methylcyclohexane
Concen: 19.881 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42



Tgt Ion: 83 Resp: 57755
Ion Ratio Lower Upper
83 100
55 80.4 43.6 130.8
98 48.3 24.2 72.6





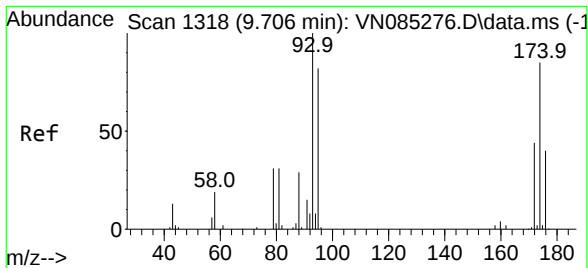
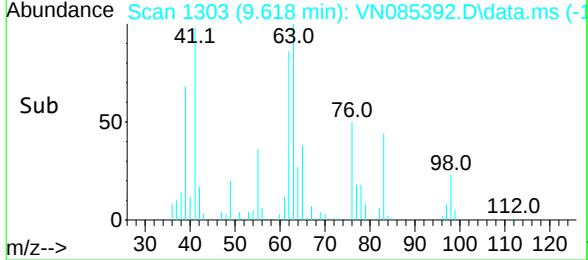
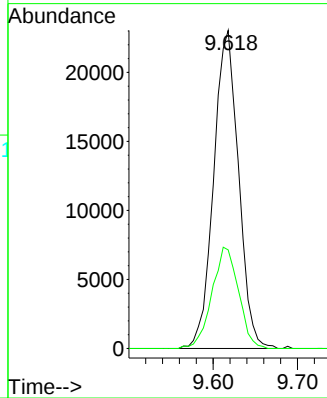
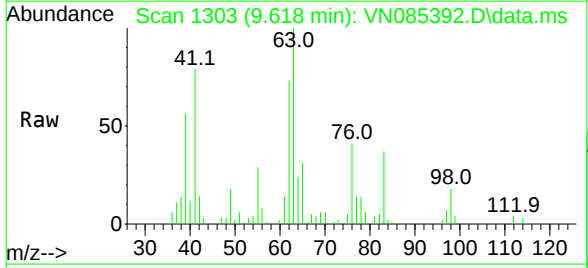
#39
1,2-Dichloropropane
Concen: 20.910 ug/l
RT: 9.618 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Tgt Ion: 63 Resp: 47206
Ion Ratio Lower Upper
63 100
65 31.0 26.1 39.1

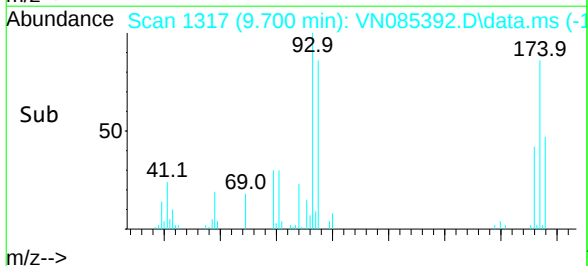
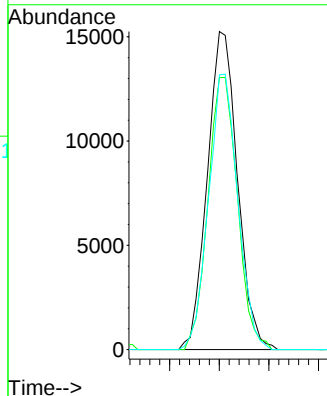
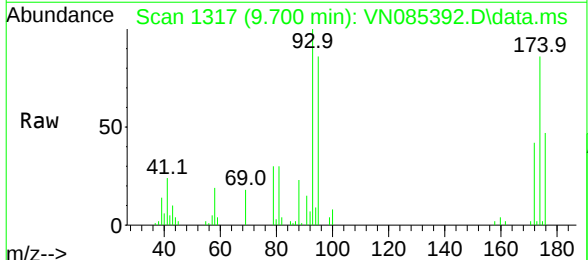
Manual Integrations
APPROVED

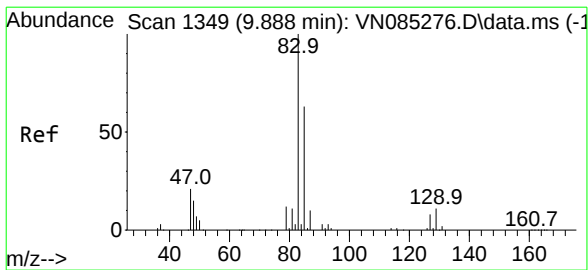
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#40
Dibromomethane
Concen: 20.466 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion: 93 Resp: 32214
Ion Ratio Lower Upper
93 100
95 83.4 0.0 167.6
174 84.0 0.0 171.0





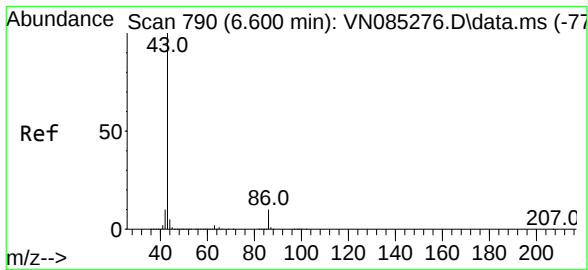
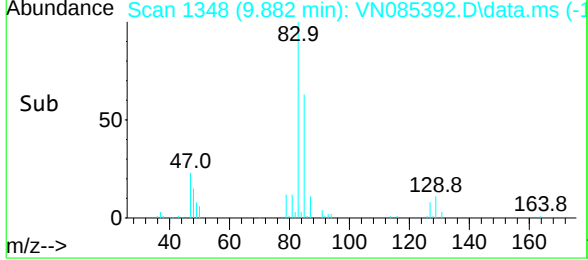
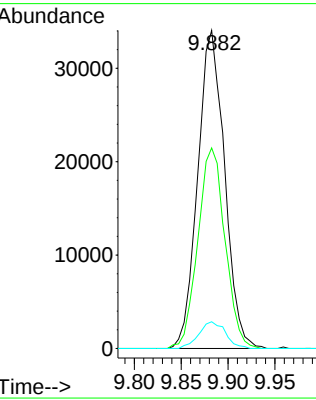
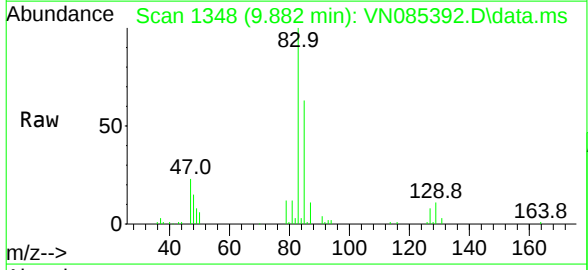
#41
 Bromodichloromethane
 Concen: 20.613 ug/l
 RT: 9.882 min Scan# 1349
 Delta R.T. 0.000 min
 Lab File: VN085392.D
 Acq: 07 Jan 2025 11:42

Instrument : MSVOA_N
 ClientSampleId : VN0107WBSD01

Tgt Ion:	83	Resp:	67806
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.1	75.1
127	8.4	5.8	8.6

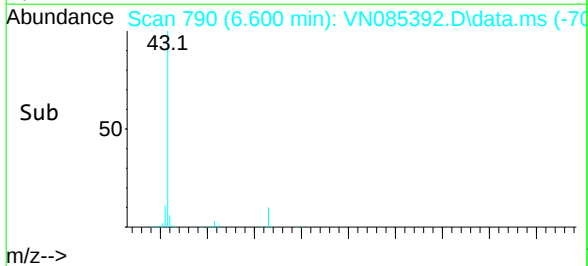
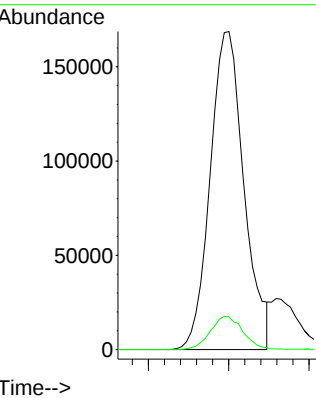
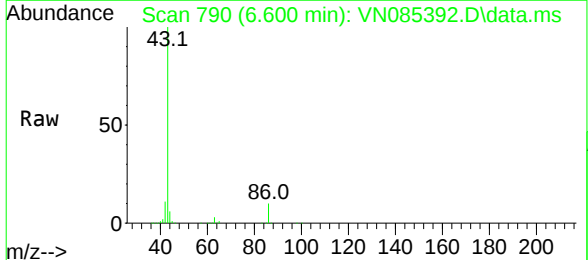
Manual Integrations
 APPROVED

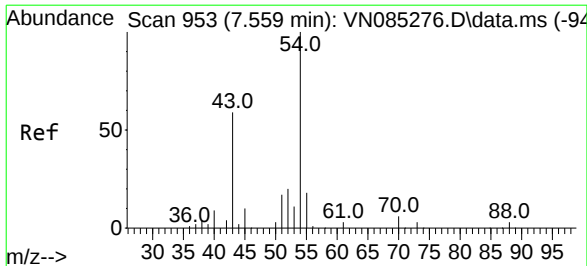
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



#42
 Vinyl Acetate
 Concen: 94.348 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN085392.D
 Acq: 07 Jan 2025 11:42

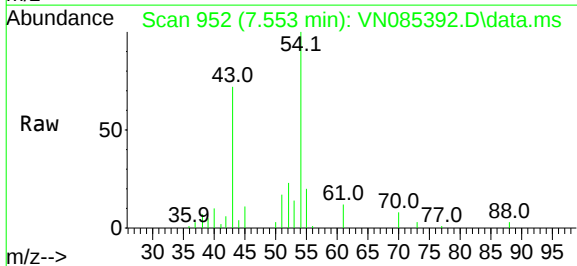
Tgt Ion:	43	Resp:	493489
Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.9	11.9





#43
Ethyl Acetate
Concen: 17.721 ug/l
RT: 7.553 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

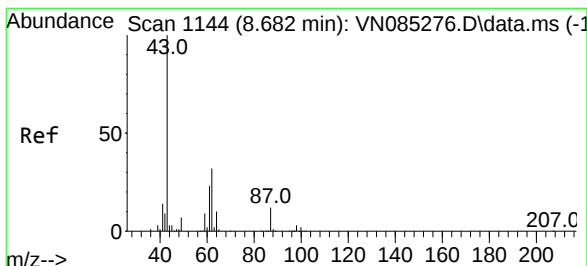
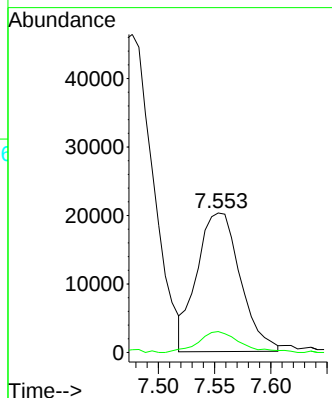
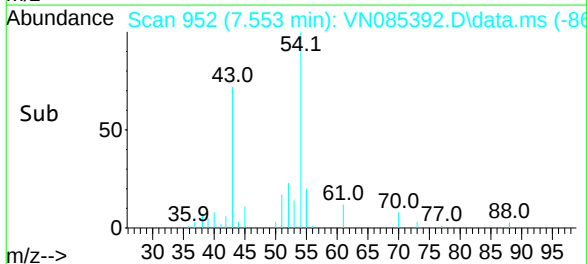
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



Tgt Ion: 43 Resp: 54302
Ion Ratio Lower Upper
43 100
45 14.7 11.9 17.9

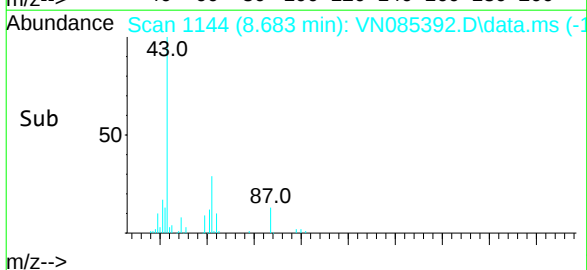
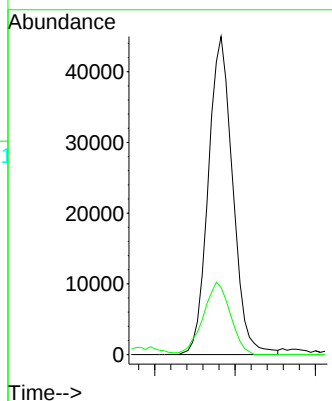
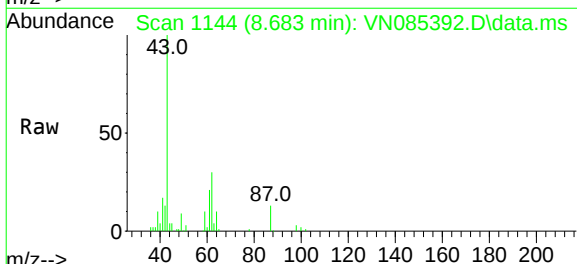
Manual Integrations
APPROVED

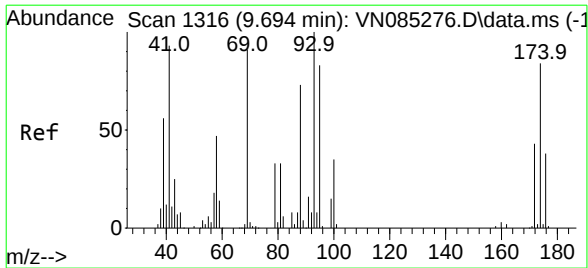
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#44
Isopropyl Acetate
Concen: 18.714 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

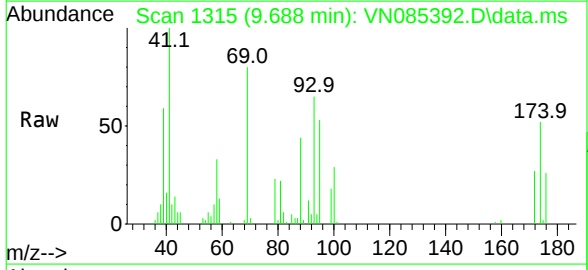
Tgt Ion: 43 Resp: 95265
Ion Ratio Lower Upper
43 100
61 25.2 19.7 29.5





#45
 1,4-Dioxane
 Concen: 279.309 ug/l
 RT: 9.688 min Scan# 1315
 Delta R.T. 0.000 min
 Lab File: VN085392.D
 Acq: 07 Jan 2025 11:42

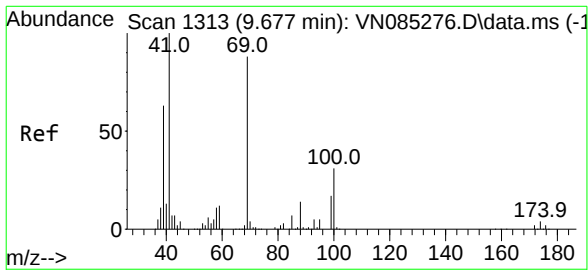
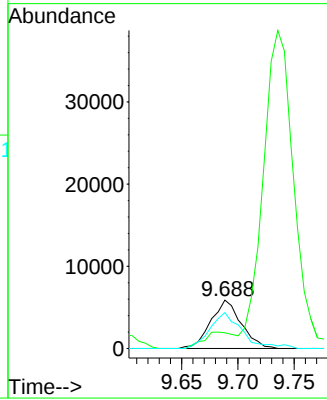
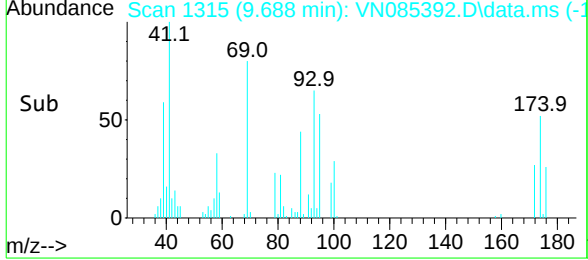
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0107WBSD01



Tgt Ion:	88	Resp:	11059
Ion	Ratio	Lower	Upper
88	100		
43	36.2	25.4	38.2
58	77.0	58.5	87.7

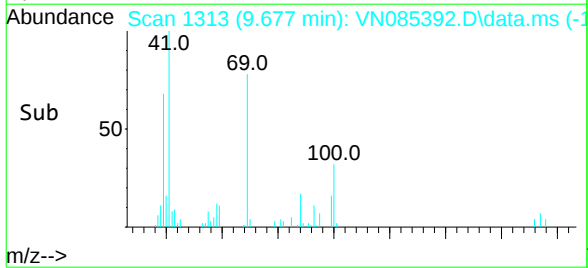
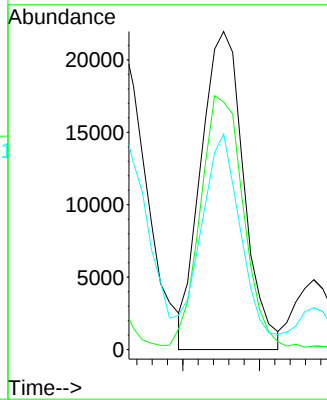
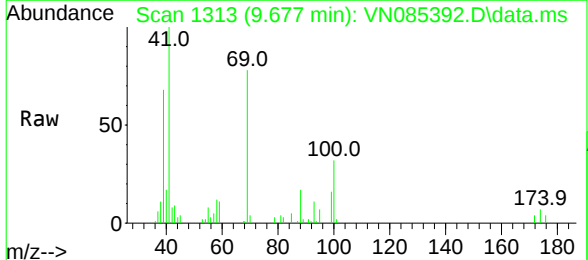
Manual Integrations
 APPROVED

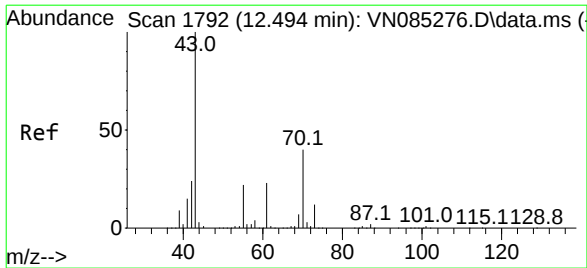
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



#46
 Methyl methacrylate
 Concen: 18.003 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: VN085392.D
 Acq: 07 Jan 2025 11:42

Tgt Ion:	41	Resp:	42538
Ion	Ratio	Lower	Upper
41	100		
69	79.8	39.9	119.6
39	66.8	31.6	95.0





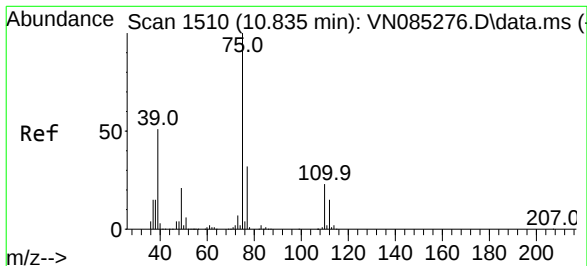
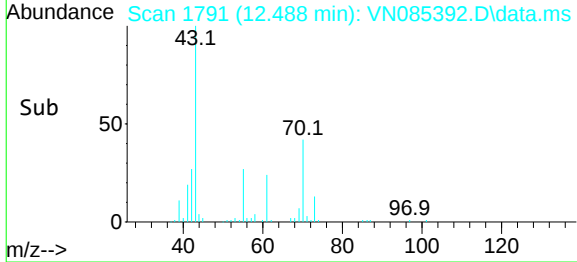
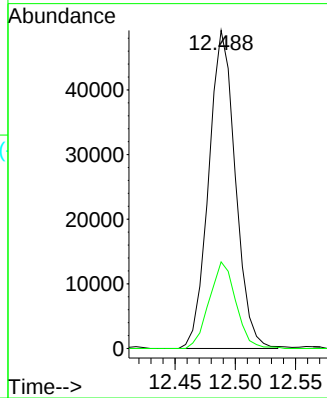
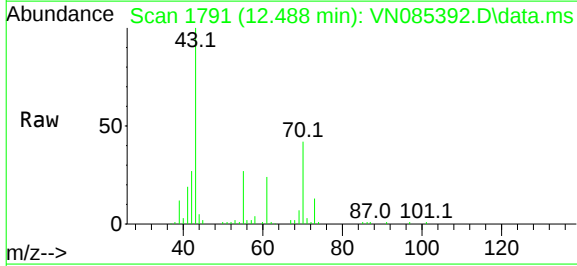
#47
n-amy1 Acetate
Concen: 17.512 ug/l
RT: 12.488 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Tgt Ion: 43 Resp: 75941
Ion Ratio Lower Upper
43 100
55 27.1 21.3 31.9

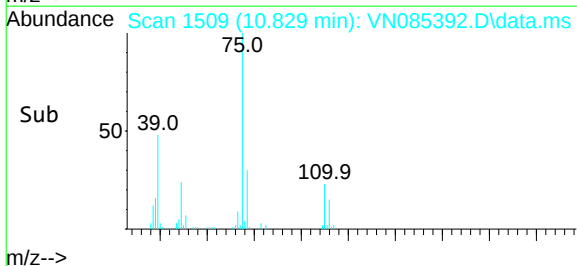
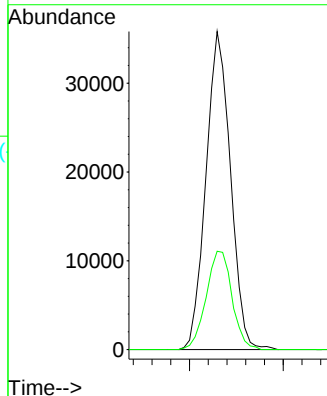
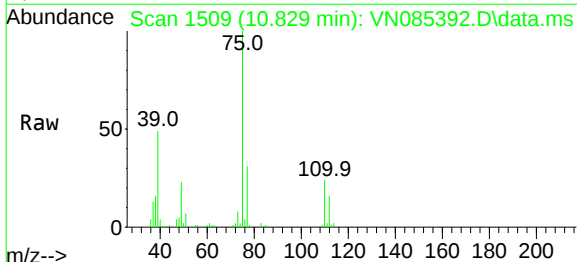
Manual Integrations
APPROVED

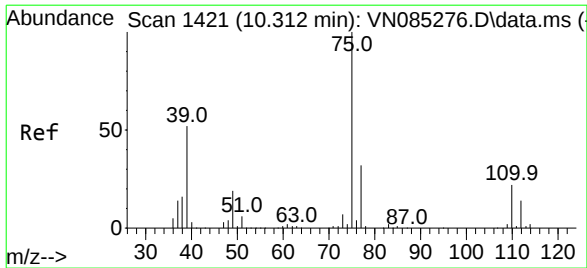
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#48
t-1,3-Dichloropropene
Concen: 20.036 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion: 75 Resp: 65101
Ion Ratio Lower Upper
75 100
77 30.9 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 20.196 ug/l

RT: 10.306 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN085392.D

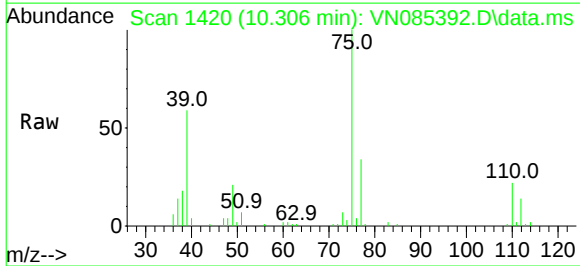
Acq: 07 Jan 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0107WBSD01



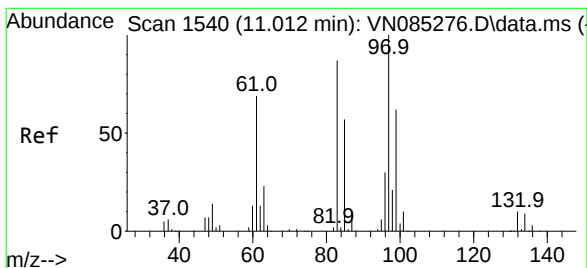
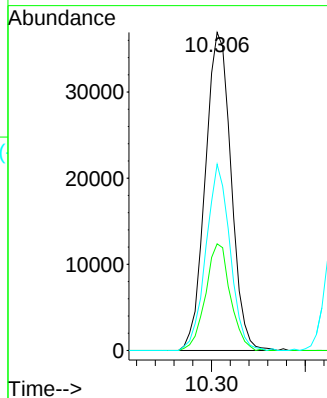
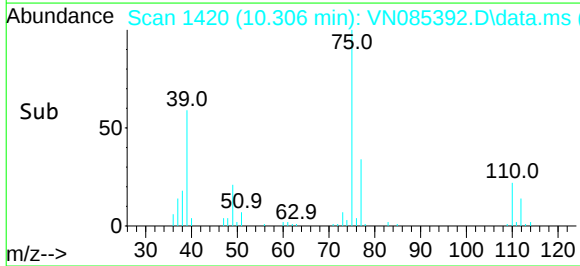
Tgt Ion:	75	Resp:	70549
Ion Ratio	Lower	Upper	
75	100		
77	33.5	26.6	40.0
39	58.5	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#50

1,1,2-Trichloroethane

Concen: 20.407 ug/l

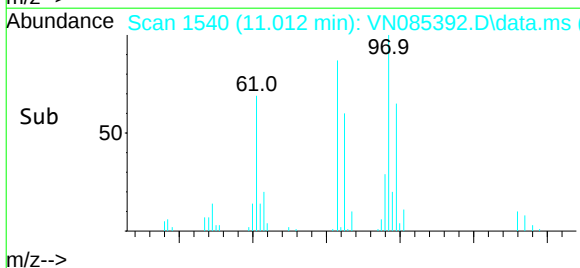
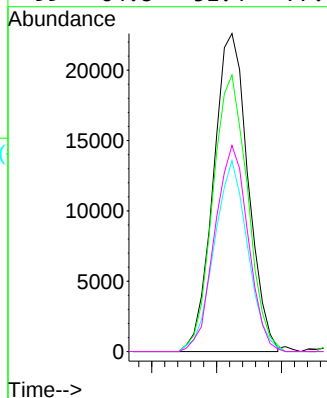
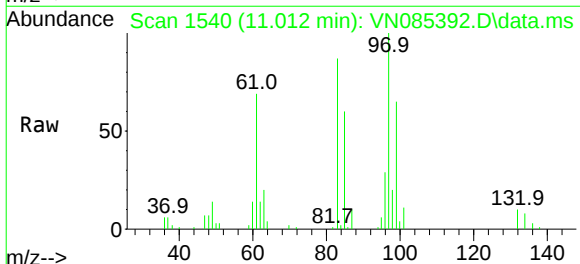
RT: 11.012 min Scan# 1540

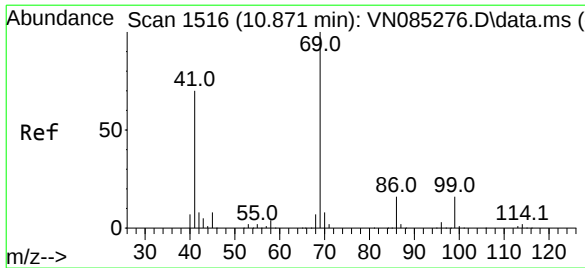
Delta R.T. 0.000 min

Lab File: VN085392.D

Acq: 07 Jan 2025 11:42

Tgt Ion:	97	Resp:	42009
Ion Ratio	Lower	Upper	
97	100		
83	87.0	72.2	108.2
85	60.0	46.6	70.0
99	64.8	51.4	77.0





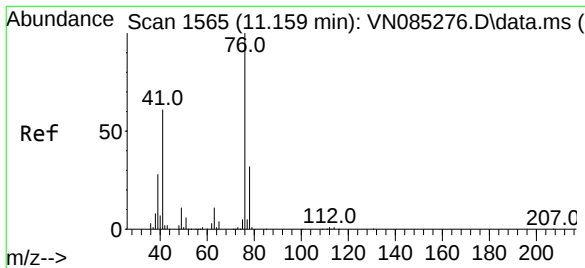
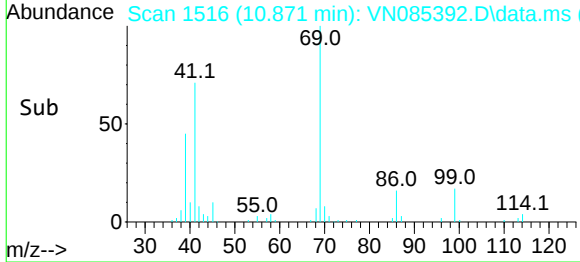
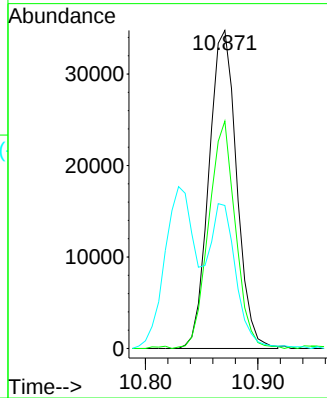
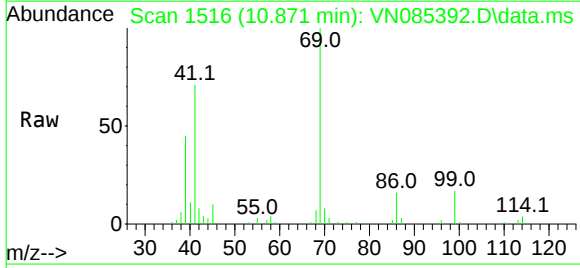
#51
Ethyl methacrylate
Concen: 19.174 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Tgt Ion: 69 Resp: 59699
Ion Ratio Lower Upper
69 100
41 71.0 38.1 114.5
39 44.2 24.1 72.2

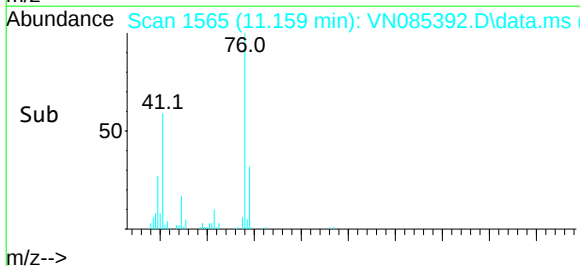
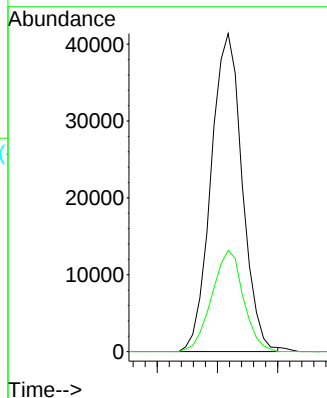
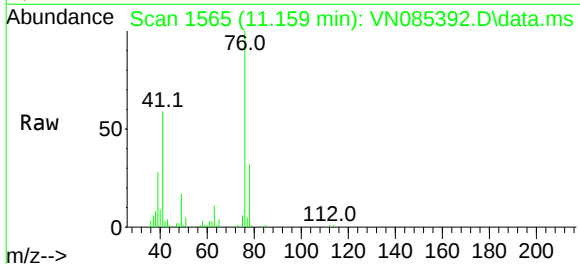
Manual Integrations
APPROVED

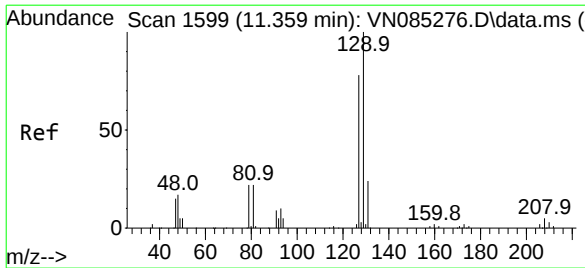
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#52
1,3-Dichloropropane
Concen: 20.715 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion: 76 Resp: 74437
Ion Ratio Lower Upper
76 100
78 32.2 0.0 66.2





#53

Dibromochloromethane

Concen: 20.480 ug/l

RT: 11.353 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VN085392.D

Acq: 07 Jan 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0107WBSD01

Tgt Ion:129 Resp: 49399

Ion Ratio Lower Upper

129 100

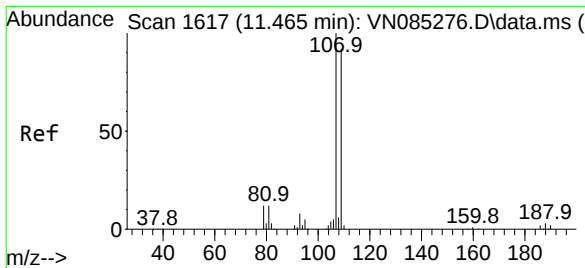
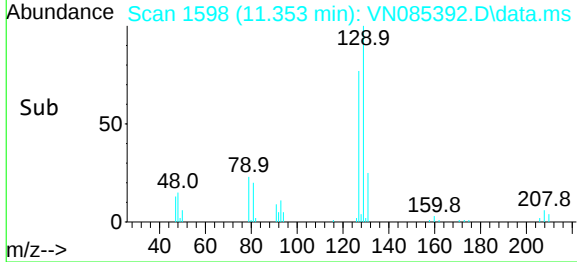
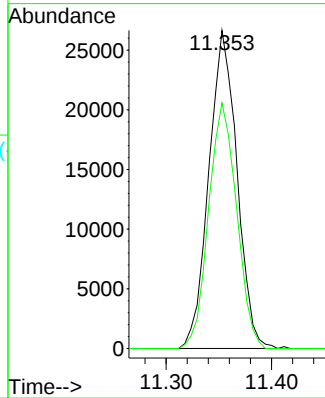
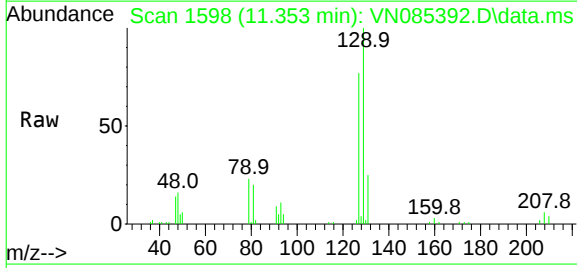
127 76.9 38.1 114.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#54

1,2-Dibromoethane

Concen: 20.305 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN085392.D

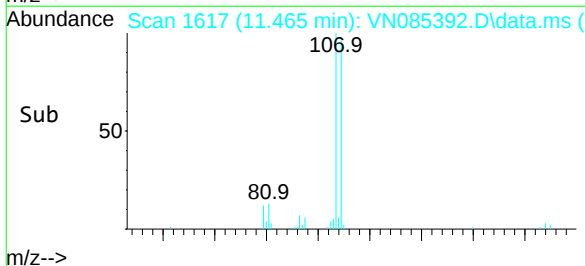
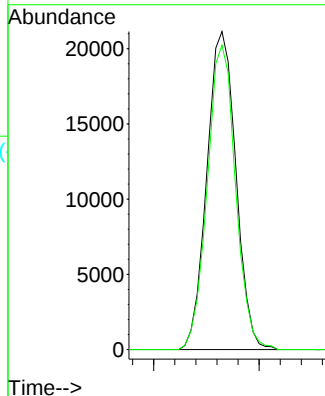
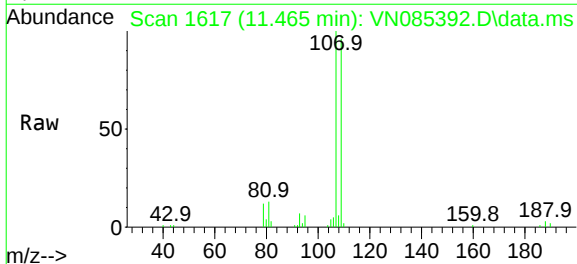
Acq: 07 Jan 2025 11:42

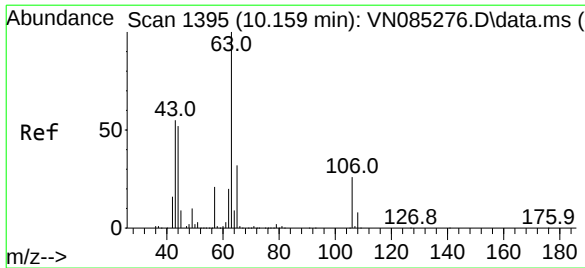
Tgt Ion:107 Resp: 40450

Ion Ratio Lower Upper

107 100

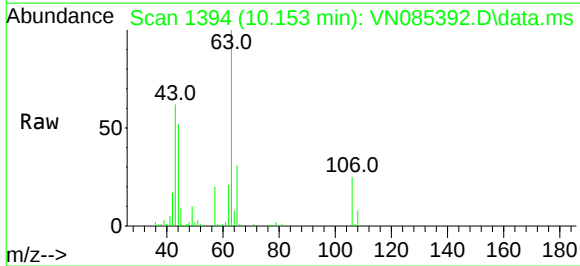
109 93.2 76.2 114.4





#55
2-Chloroethyl vinyl ether
Concen: 105.417 ug/l
RT: 10.153 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

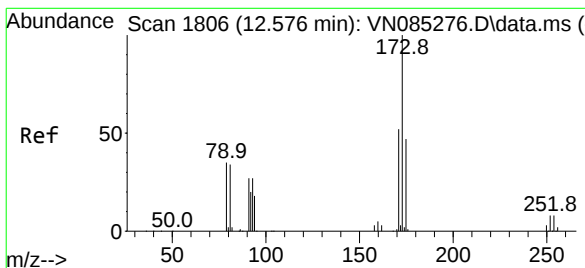
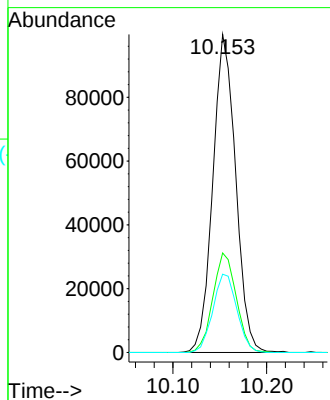
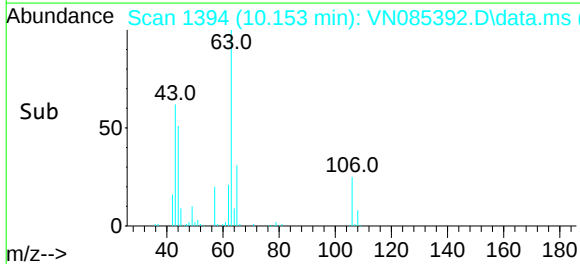
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



Tgt Ion: 63 Resp: 169065
Ion Ratio Lower Upper
63 100
65 32.1 25.9 38.9
106 25.9 21.2 31.8

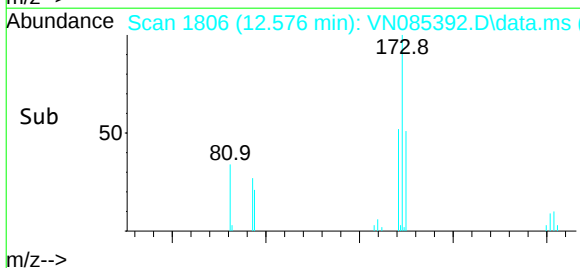
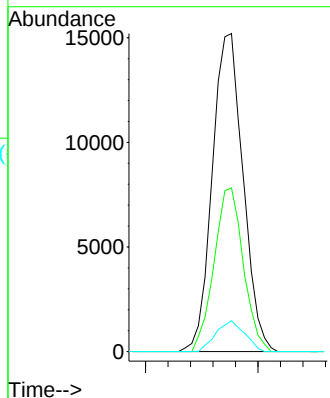
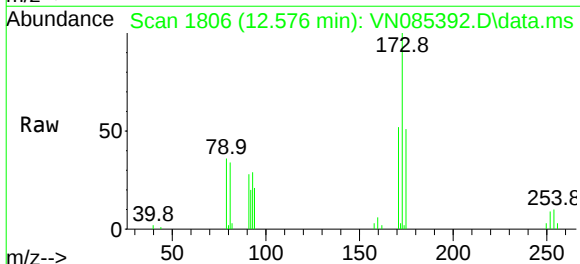
Manual Integrations
APPROVED

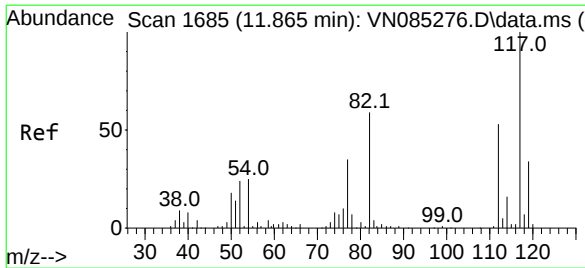
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#56
Bromoform
Concen: 18.338 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion:173 Resp: 28855
Ion Ratio Lower Upper
173 100
175 48.9 39.4 59.2
254 9.0 7.2 10.8





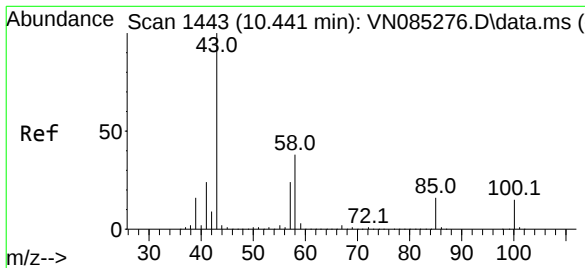
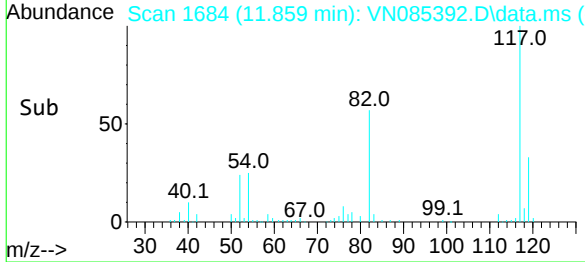
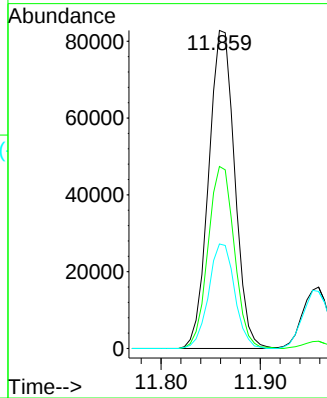
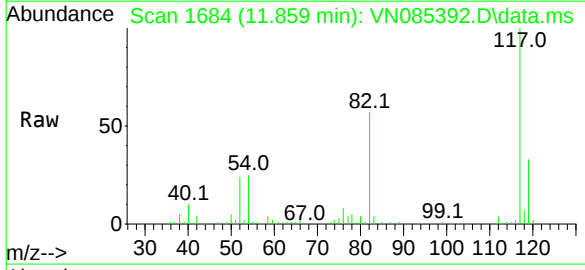
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Tgt Ion:	117	Resp:	151196
Ion	Ratio	Lower	Upper
117	100		
82	57.6	47.4	71.0
119	32.9	25.3	37.9

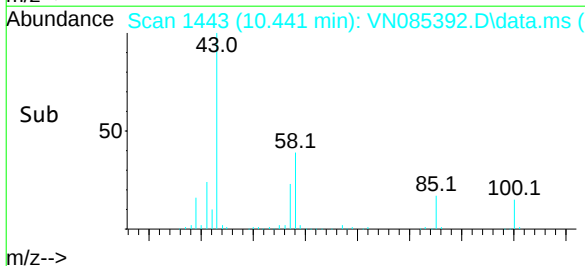
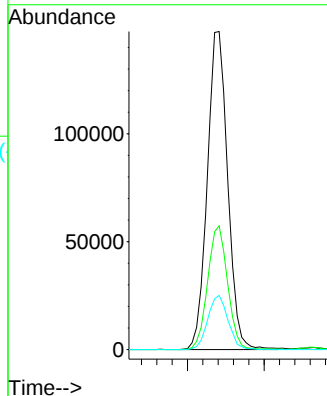
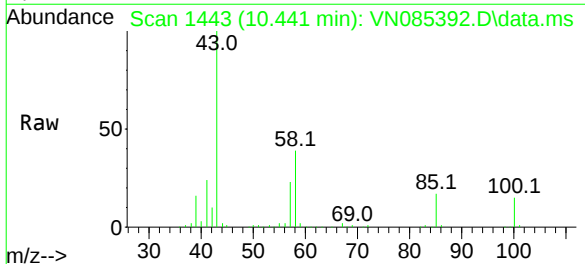
Manual Integrations
APPROVED

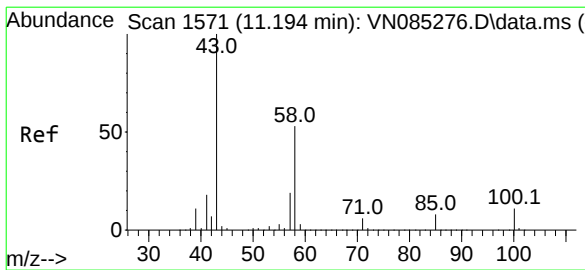
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#58
4-Methyl-2-Pentanone
Concen: 88.864 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion:	43	Resp:	272378
Ion	Ratio	Lower	Upper
43	100		
58	38.0	29.2	43.8
85	16.9	12.8	19.2





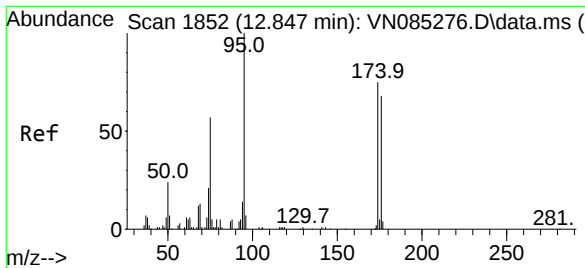
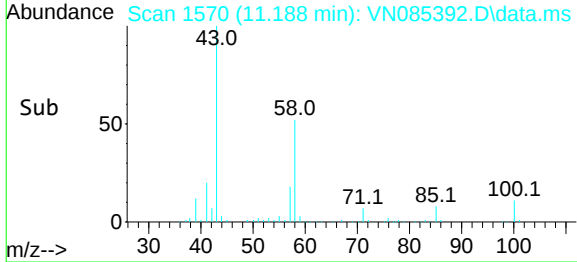
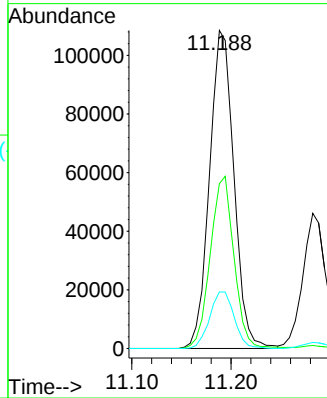
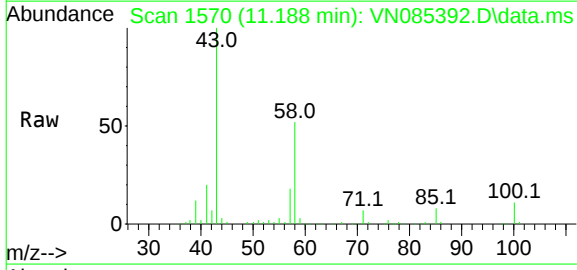
#59
2-Hexanone
Concen: 83.338 ug/l
RT: 11.188 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Tgt Ion: 43 Resp: 185567
Ion Ratio Lower Upper
43 100
58 52.6 40.2 60.4
57 18.0 14.2 21.4

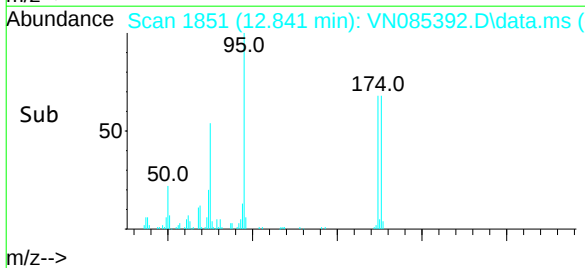
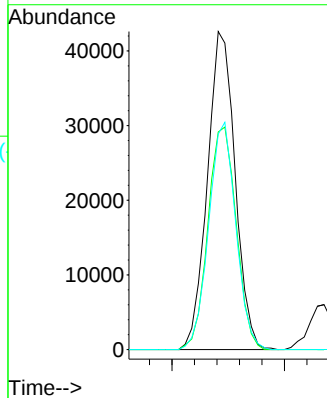
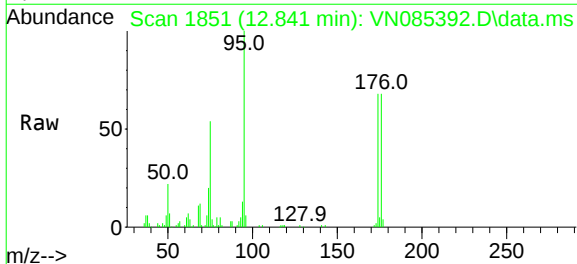
Manual Integrations
APPROVED

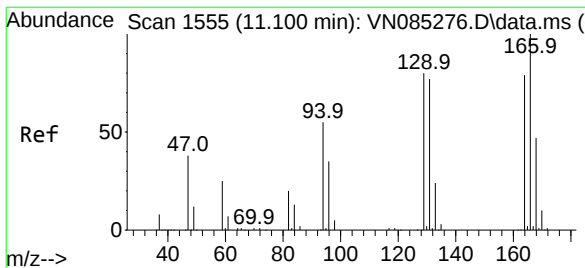
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#60
4-Bromofluorobenzene
Concen: 29.783 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

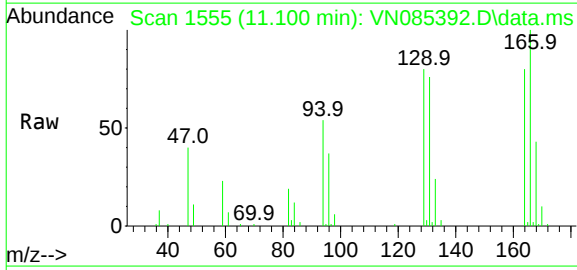
Tgt Ion: 95 Resp: 72943
Ion Ratio Lower Upper
95 100
174 71.3 57.8 86.8
176 69.9 57.1 85.7





#61
Tetrachloroethene
Concen: 22.177 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

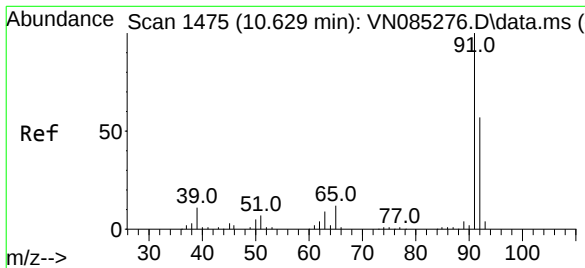
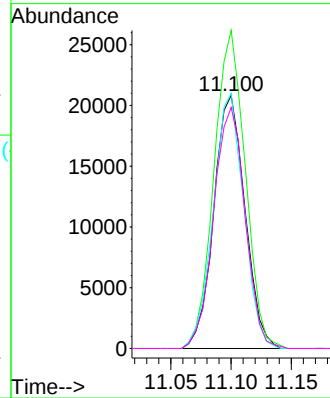
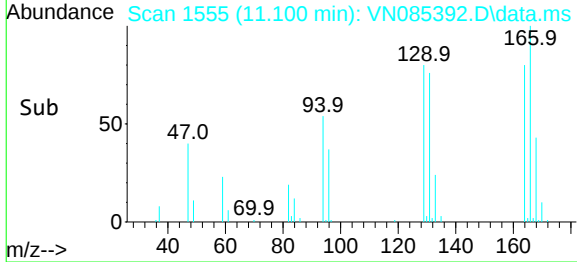
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



Tgt Ion: 164 Resp: 37432
Ion Ratio Lower Upper
164 100
166 125.6 109.0 163.4
129 100.8 85.1 127.7
131 95.2 80.7 121.1

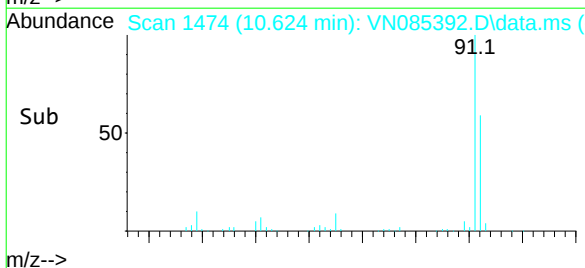
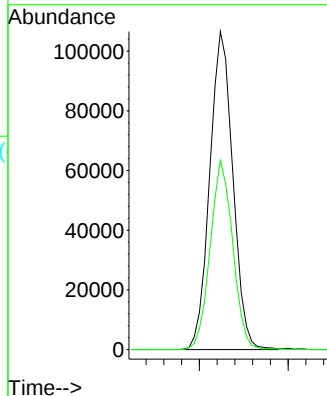
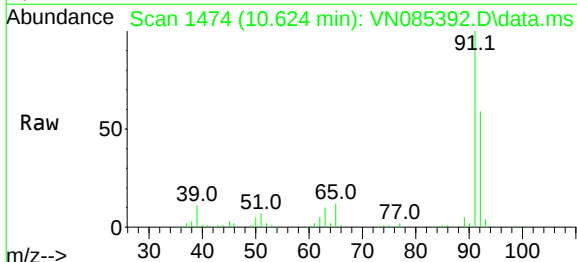
Manual Integrations
APPROVED

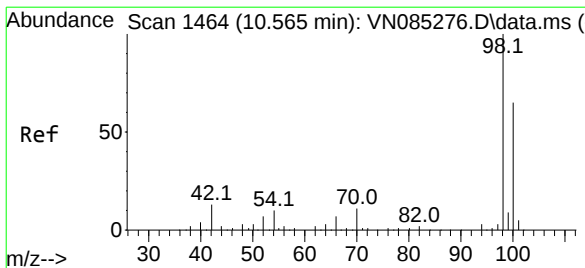
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#62
Toluene
Concen: 20.749 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

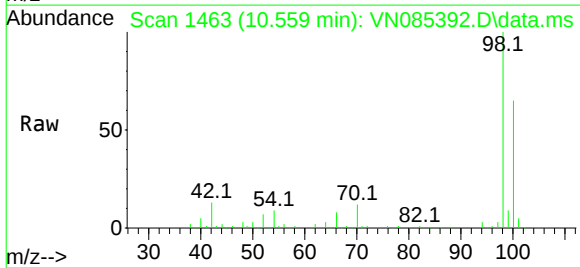
Tgt Ion: 91 Resp: 192736
Ion Ratio Lower Upper
91 100
92 57.8 45.9 68.9





#63
Toluene-d8
Concen: 29.748 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

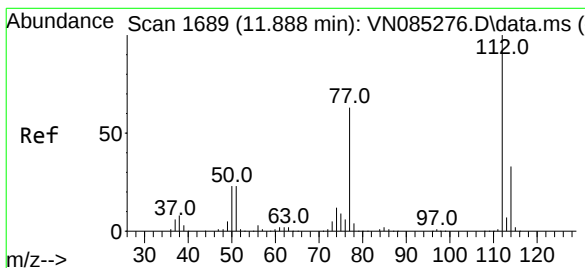
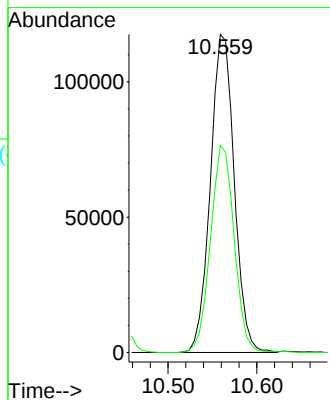
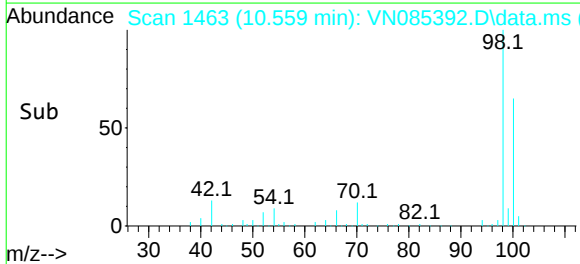
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



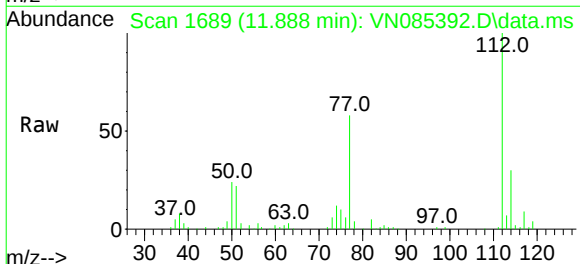
Tgt Ion: 98 Resp: 219630
Ion Ratio Lower Upper
98 100
100 64.5 50.8 76.2

Manual Integrations
APPROVED

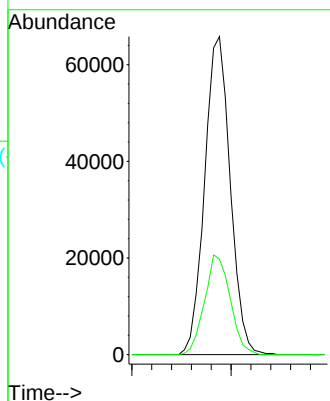
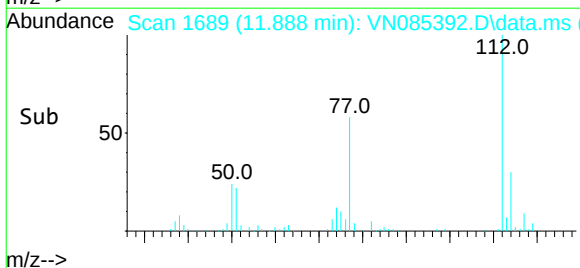
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

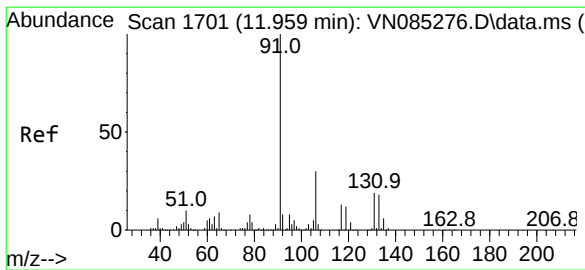


#64
Chlorobenzene
Concen: 21.033 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42



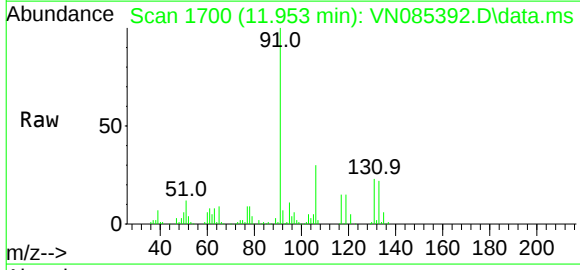
Tgt Ion:112 Resp: 117831
Ion Ratio Lower Upper
112 100
114 30.1 26.4 39.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.748 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

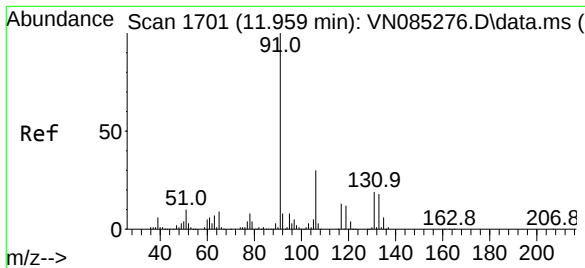
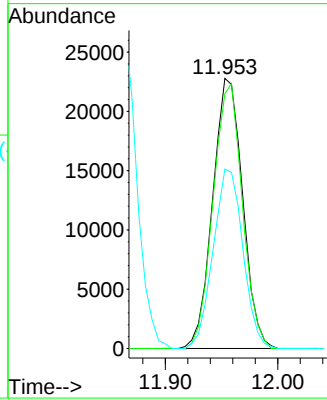
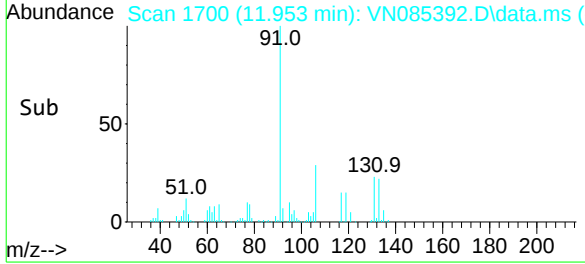
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



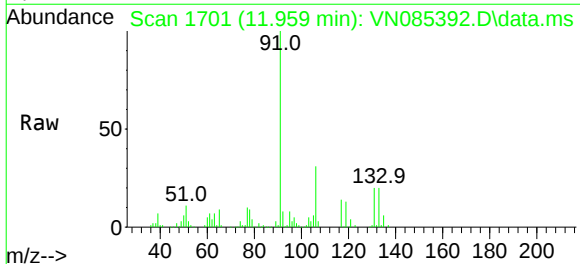
Tgt Ion: 131 Resp: 42154
Ion Ratio Lower Upper
131 100
133 95.5 0.0 189.4
119 65.9 0.0 135.0

Manual Integrations
APPROVED

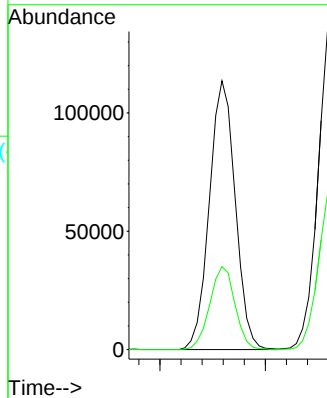
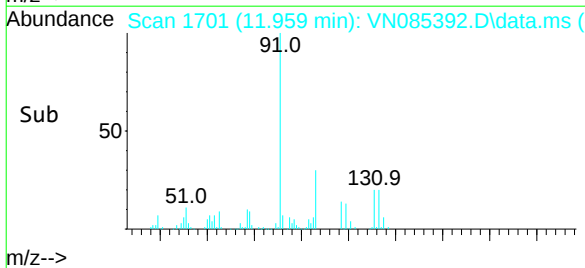
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

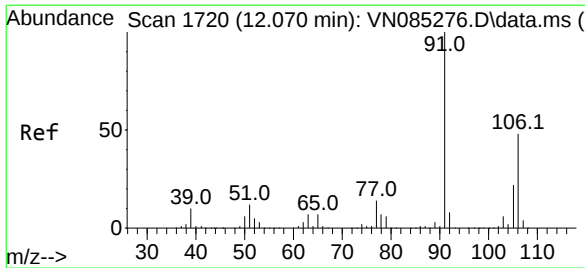


#66
Ethyl Benzene
Concen: 19.831 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42



Tgt Ion: 91 Resp: 193823
Ion Ratio Lower Upper
91 100
106 30.9 23.2 34.8





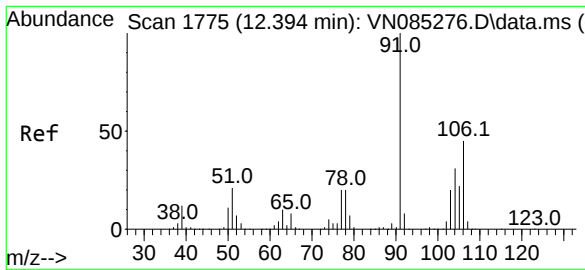
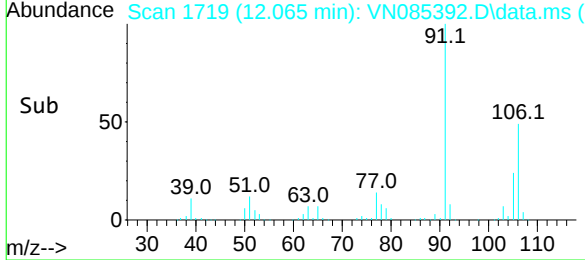
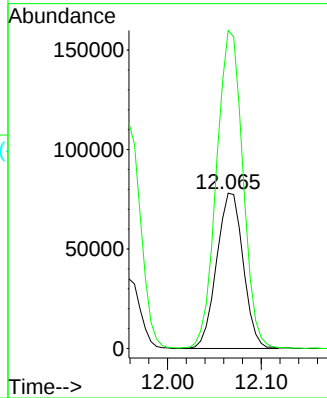
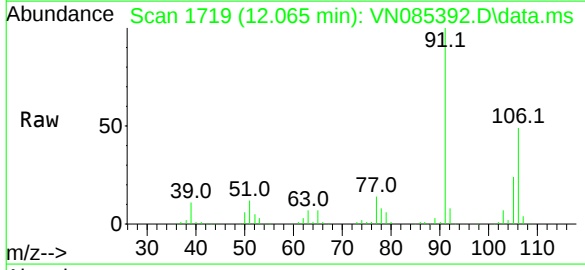
#67
m/p-Xylenes
Concen: 41.871 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Tgt Ion:106 Resp: 153533
Ion Ratio Lower Upper
106 100
91 203.9 167.0 250.4

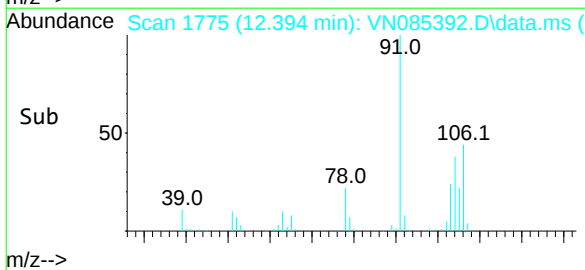
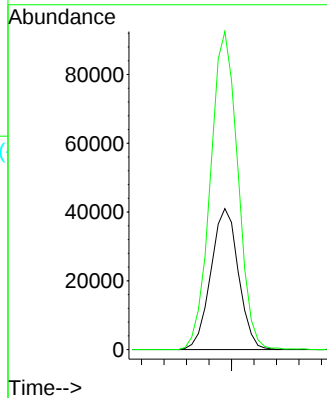
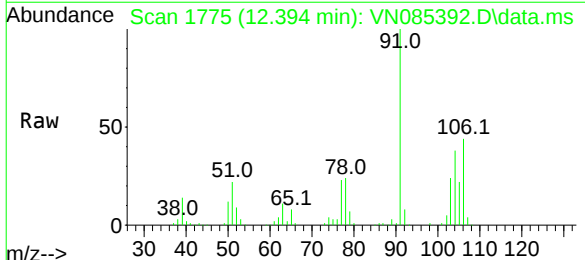
Manual Integrations
APPROVED

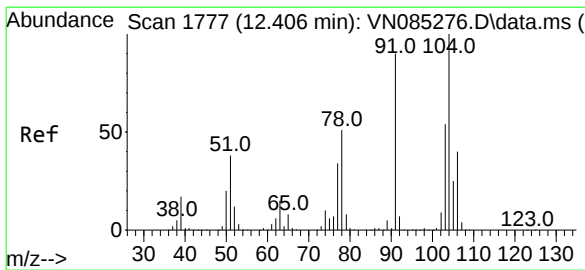
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#68
o-Xylene
Concen: 20.008 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion:106 Resp: 69882
Ion Ratio Lower Upper
106 100
91 223.7 110.6 331.8





#69

Styrene

Concen: 20.154 ug/l

RT: 12.406 min Scan# 17

Delta R.T. -0.006 min

Lab File: VN085392.D

Acq: 07 Jan 2025 11:42

Instrument :

MSVOA_N

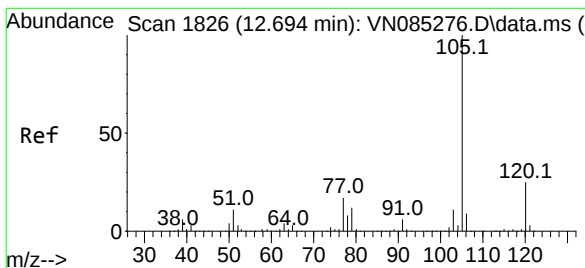
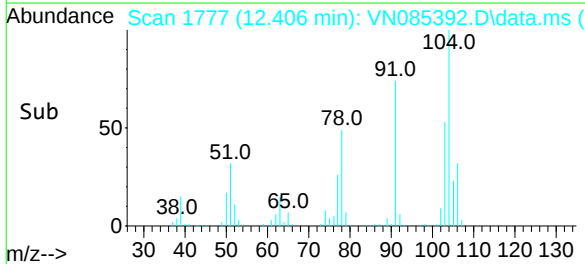
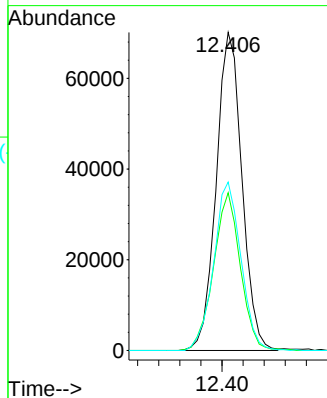
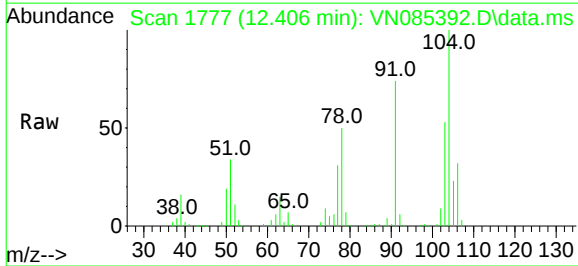
ClientSampleId :

VN0107WBSD01

Tgt Ion:	104	Resp:	118962
Ion Ratio	Lower	Upper	
104	100		
78	51.6	41.0	61.4
103	55.9	44.8	67.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#70

Isopropylbenzene

Concen: 20.520 ug/l

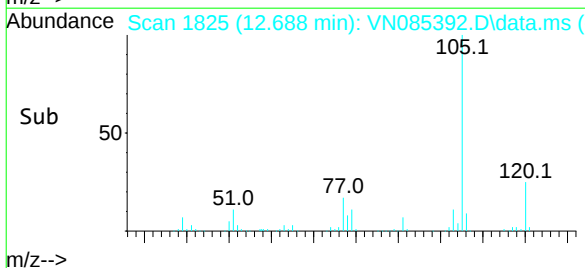
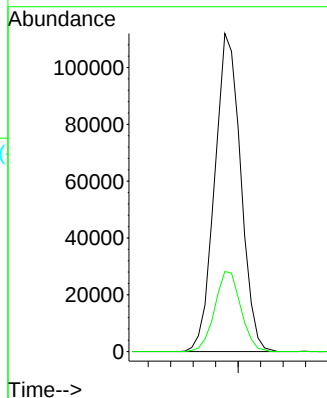
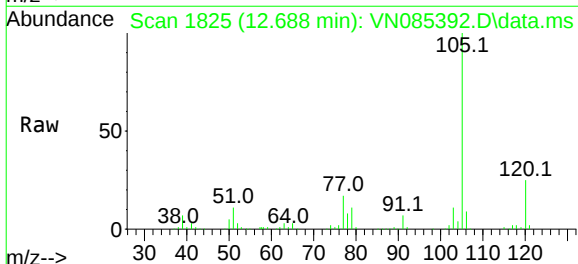
RT: 12.688 min Scan# 1825

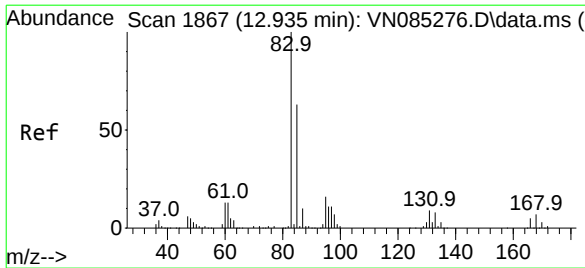
Delta R.T. -0.006 min

Lab File: VN085392.D

Acq: 07 Jan 2025 11:42

Tgt Ion:	105	Resp:	179963
Ion Ratio	Lower	Upper	
105	100		
120	25.2	18.4	34.2





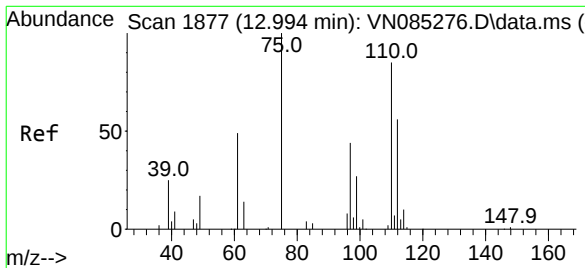
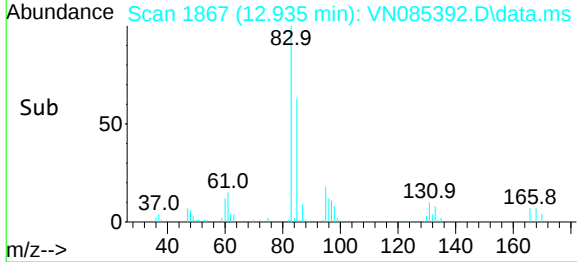
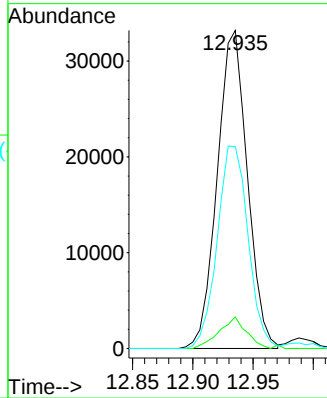
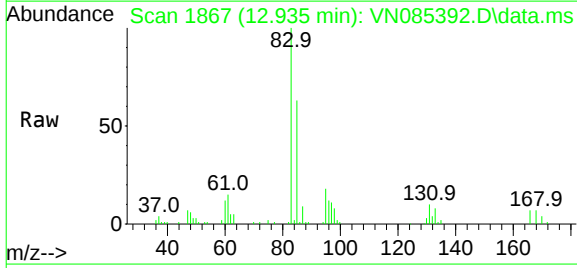
#71
1,1,2,2-Tetrachloroethane
Concen: 18.560 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.9	5.0	15.0
85	65.2	33.0	98.9

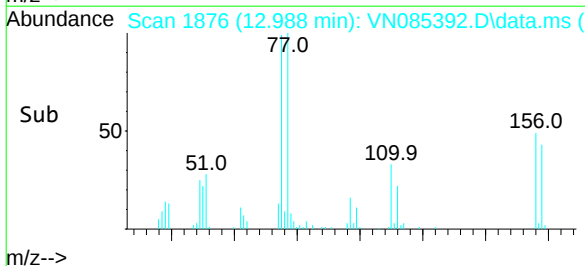
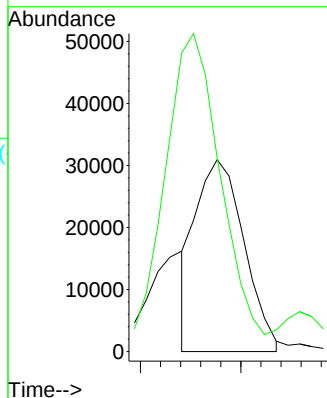
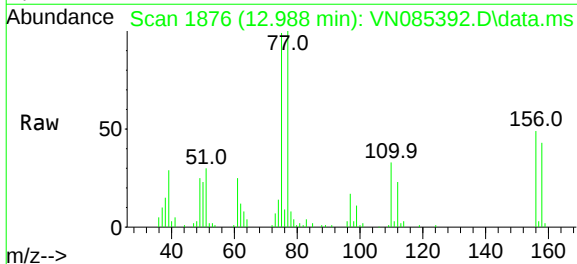
Manual Integrations
APPROVED

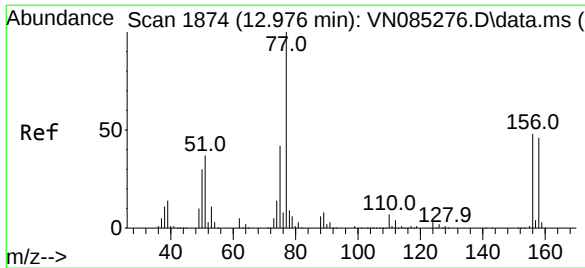
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#72
1,2,3-Trichloropropane
Concen: 19.565 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

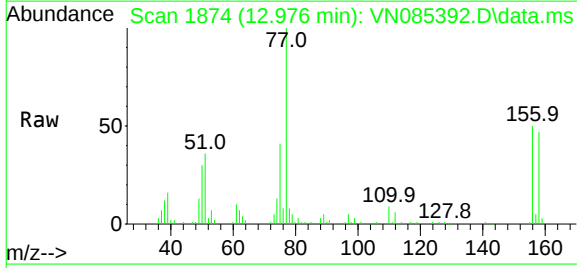
Tgt Ion	Ratio	Lower	Upper
75	100		
77	193.9	0.0	407.2





Bromobenzene
 Concen: 20.495 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.000 min
 Lab File: VN085392.D
 Acq: 07 Jan 2025 11:42

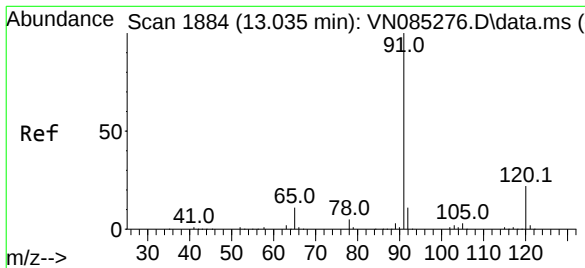
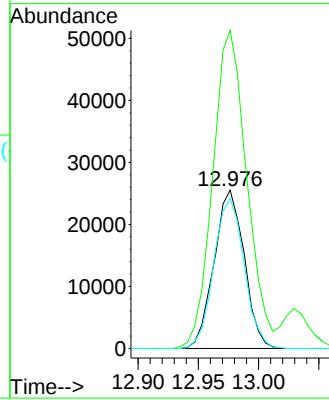
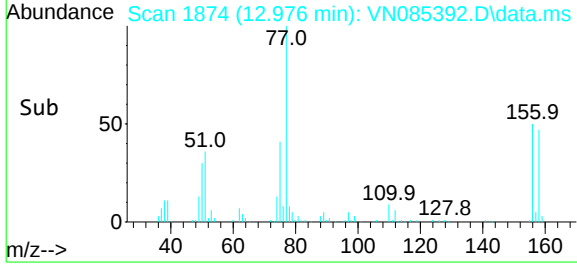
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0107WBSD01



Tgt Ion: 156 Resp: 44405
 Ion Ratio Lower Upper
 156 100
 77 226.2 0.0 462.6
 158 95.6 0.0 186.4

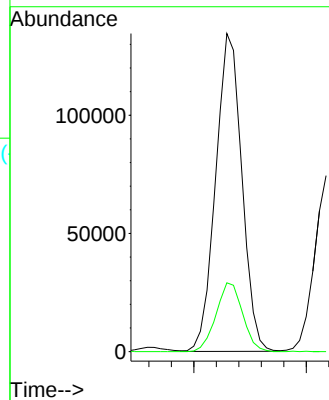
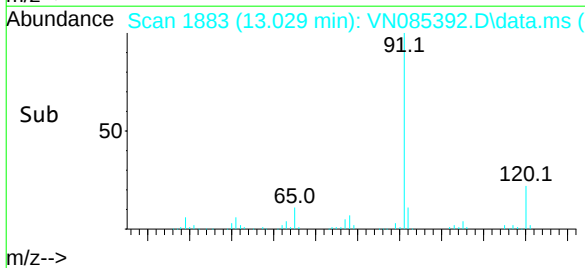
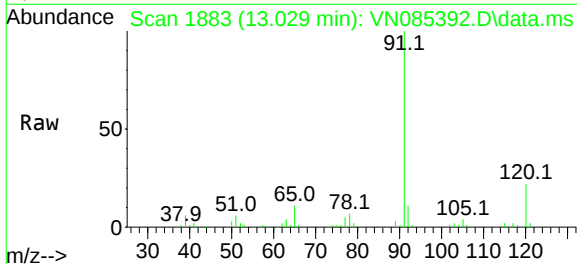
Manual Integrations
 APPROVED

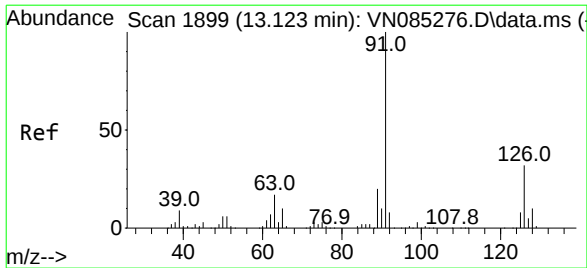
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



n-propylbenzene
 Concen: 19.935 ug/l
 RT: 13.029 min Scan# 1883
 Delta R.T. -0.006 min
 Lab File: VN085392.D
 Acq: 07 Jan 2025 11:42

Tgt Ion: 91 Resp: 217809
 Ion Ratio Lower Upper
 91 100
 120 21.9 0.0 41.4





#75

2-Chlorotoluene

Concen: 20.379 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085392.D

Acq: 07 Jan 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0107WBSD01

Tgt Ion: 91 Resp: 134134

Ion Ratio Lower Upper

91 100

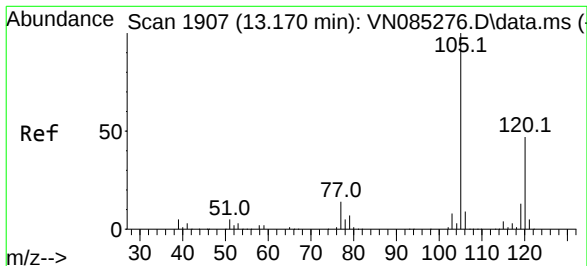
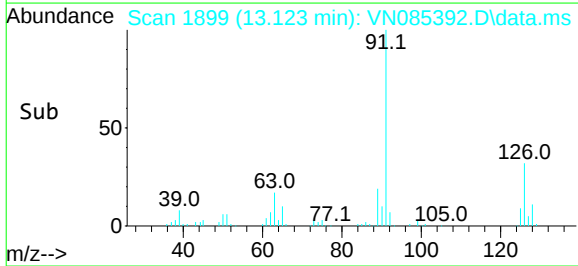
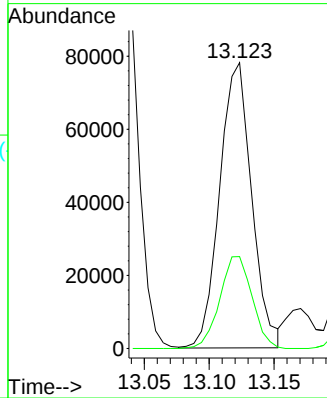
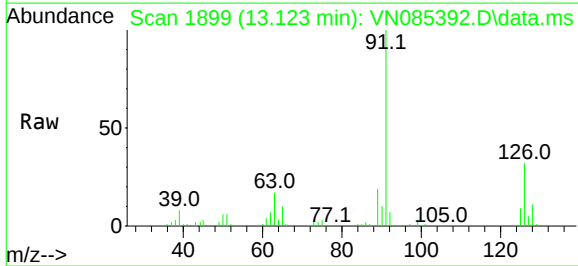
126 32.5 0.0 65.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#76

1,3,5-Trimethylbenzene

Concen: 20.397 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085392.D

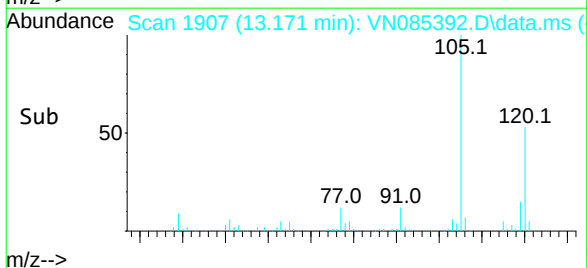
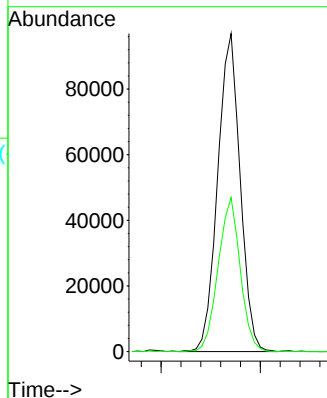
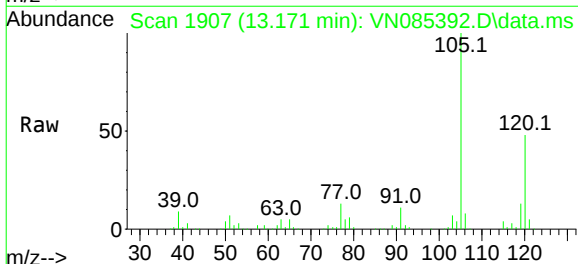
Acq: 07 Jan 2025 11:42

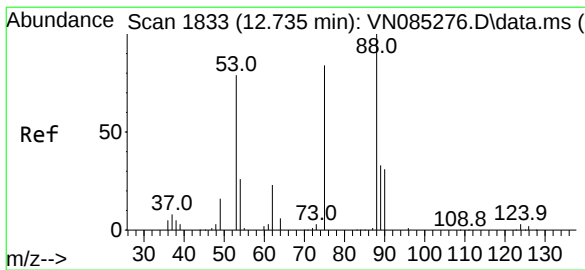
Tgt Ion:105 Resp: 152638

Ion Ratio Lower Upper

105 100

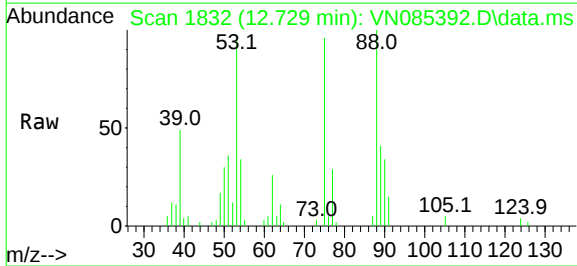
120 47.5 0.0 95.0





#77
t-1,4-Dichloro-2-butene
Concen: 16.990 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

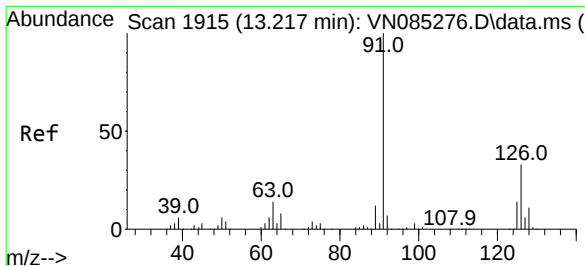
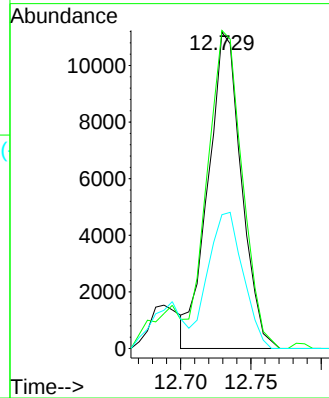
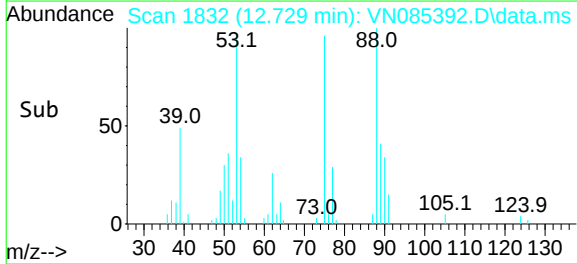
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.5	54.9	164.5
89	42.3	22.8	68.3

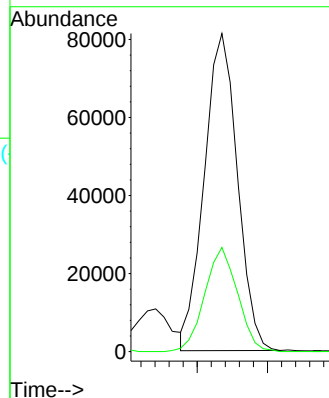
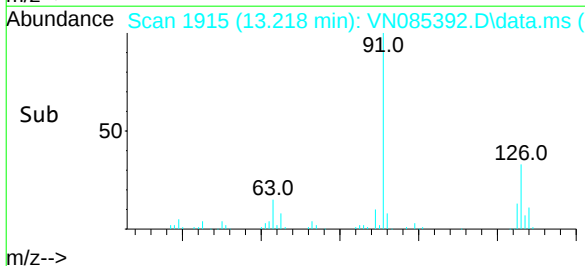
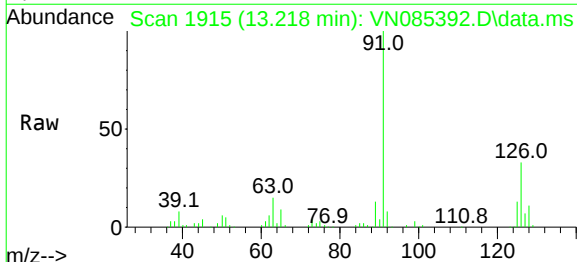
Manual Integrations
APPROVED

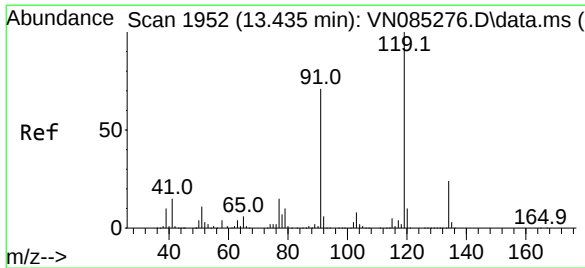
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#78
4-Chlorotoluene
Concen: 19.895 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	0.0	63.6





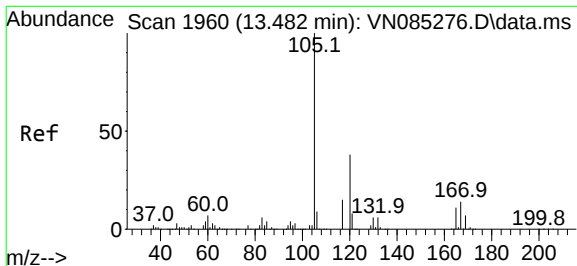
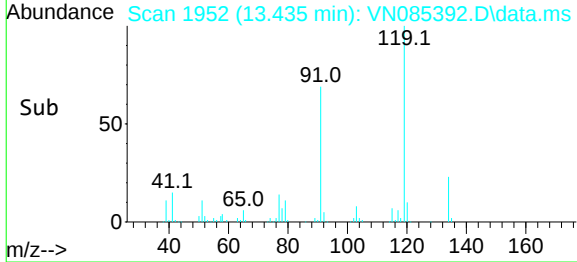
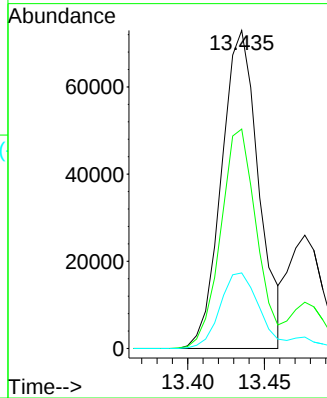
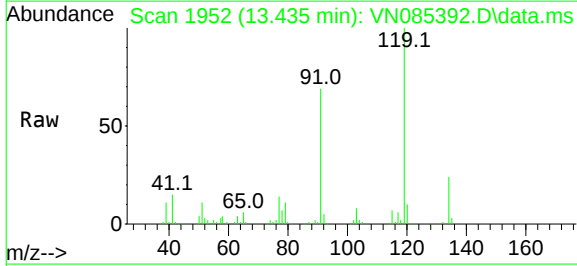
#79
tert-butylbenzene
Concen: 20.155 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Tgt Ion:119 Resp: 123344
Ion Ratio Lower Upper
119 100
91 66.6 0.0 142.0
134 24.9 0.0 49.0

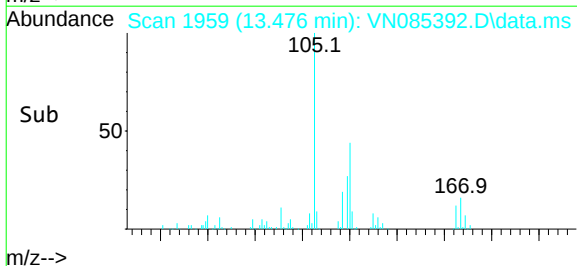
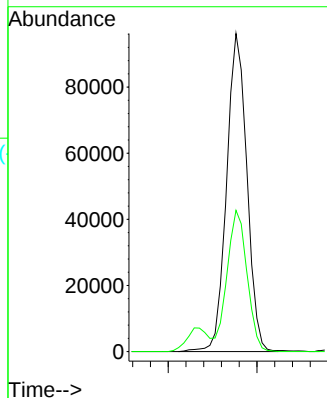
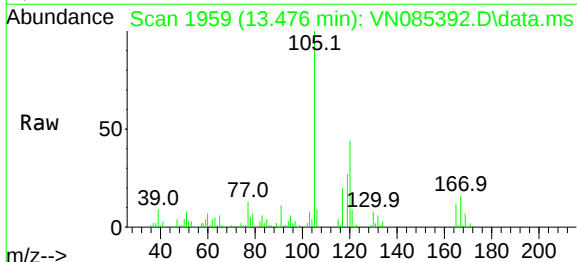
Manual Integrations
APPROVED

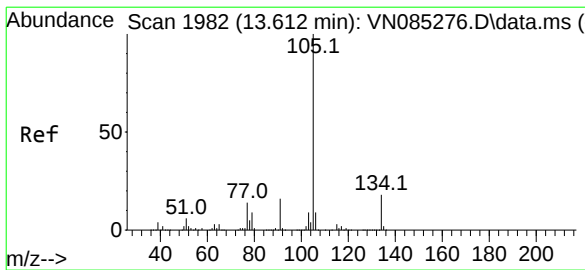
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.489 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion:105 Resp: 152619
Ion Ratio Lower Upper
105 100
120 44.3 0.0 89.8





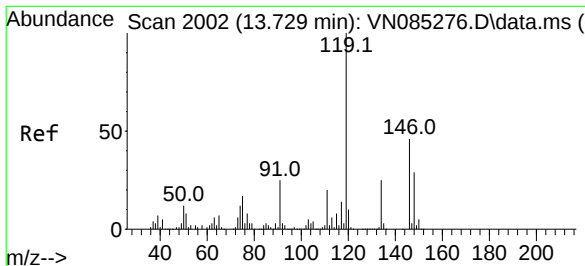
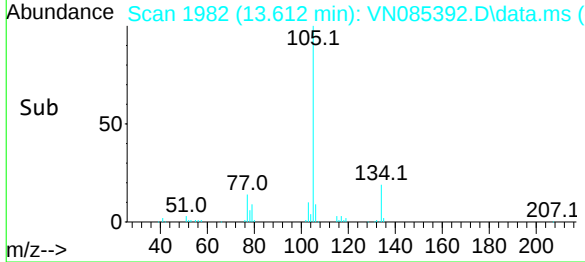
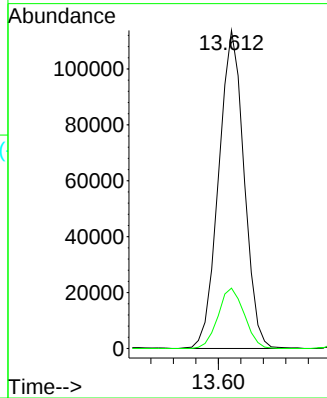
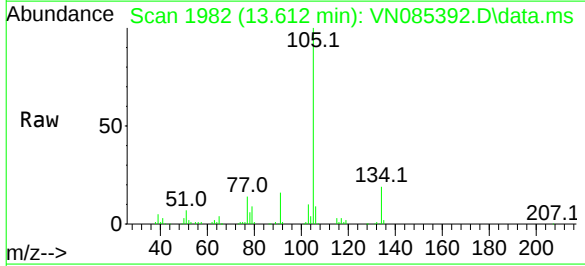
#81
sec-Butylbenzene
Concen: 20.205 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Tgt Ion:105 Resp: 178519
Ion Ratio Lower Upper
105 100
134 19.5 0.0 39.8

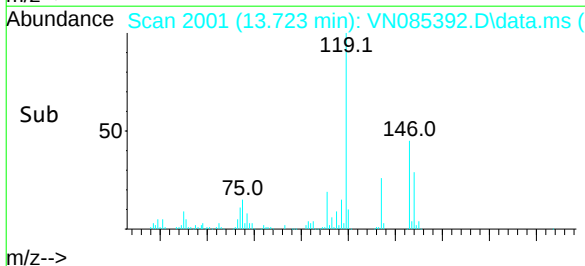
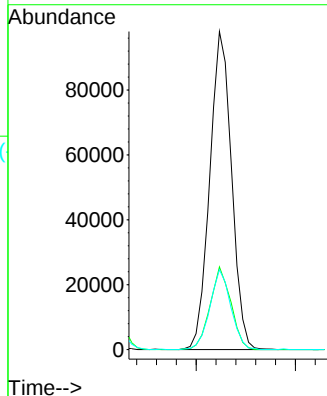
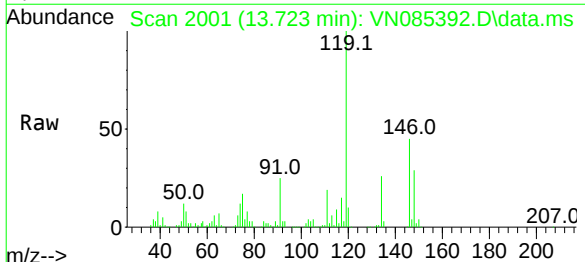
Manual Integrations
APPROVED

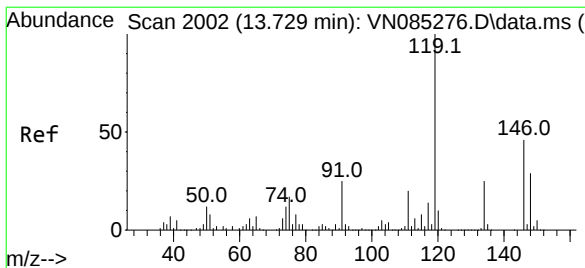
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#82
p-Isopropyltoluene
Concen: 20.590 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion:119 Resp: 149824
Ion Ratio Lower Upper
119 100
134 24.9 0.0 51.4
91 24.2 0.0 51.4





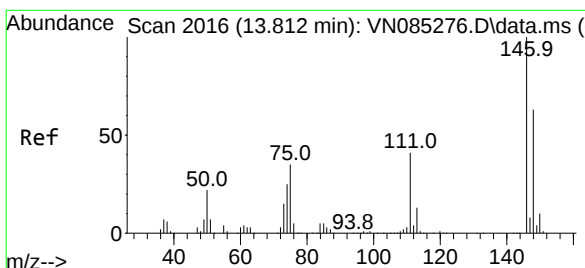
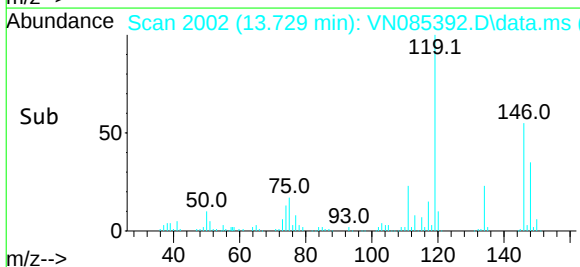
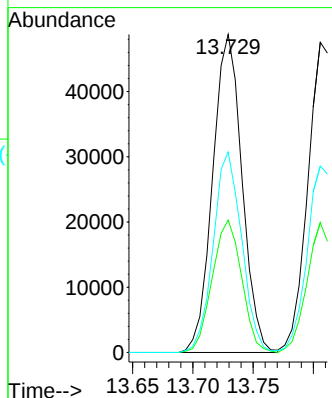
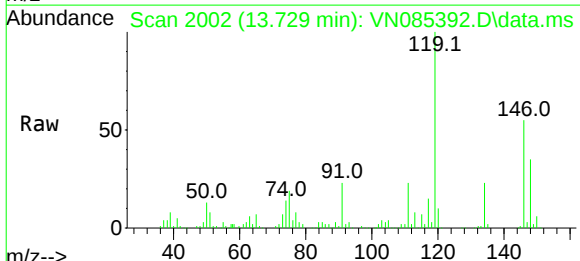
#83
1,3-Dichlorobenzene
Concen: 20.443 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Tgt Ion:146 Resp: 82603
Ion Ratio Lower Upper
146 100
111 41.6 20.4 61.3
148 61.1 31.1 93.5

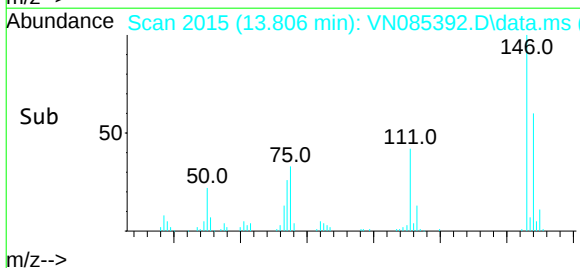
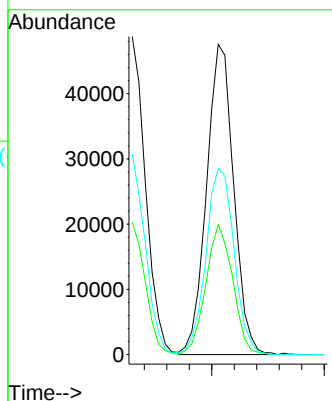
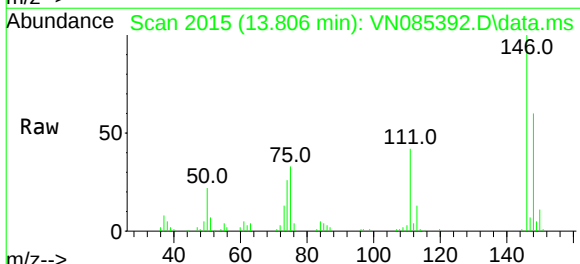
Manual Integrations
APPROVED

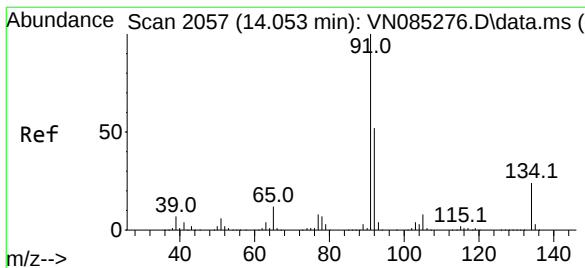
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#84
1,4-Dichlorobenzene
Concen: 20.415 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

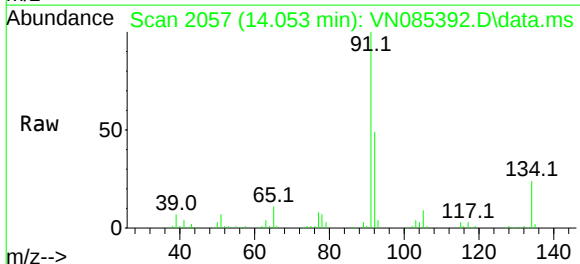
Tgt Ion:146 Resp: 79807
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 62.5 33.2 99.6





#85
n-Butylbenzene
Concen: 19.988 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

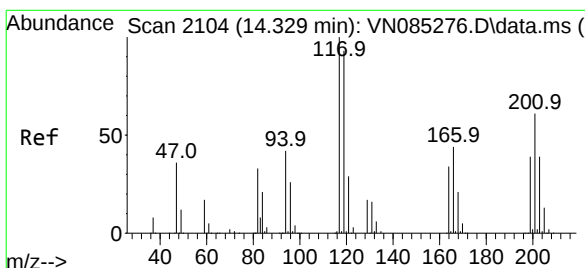
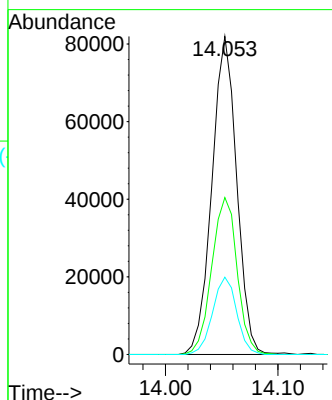
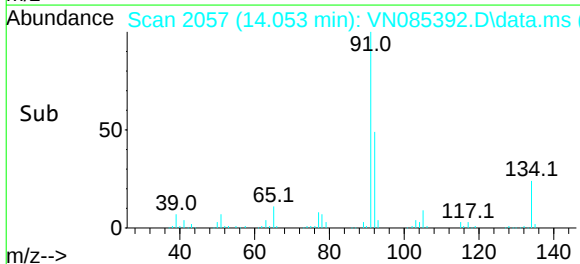
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



Tgt Ion: 91 Resp: 125572
Ion Ratio Lower Upper
91 100
92 50.5 0.0 102.0
134 23.6 0.0 46.4

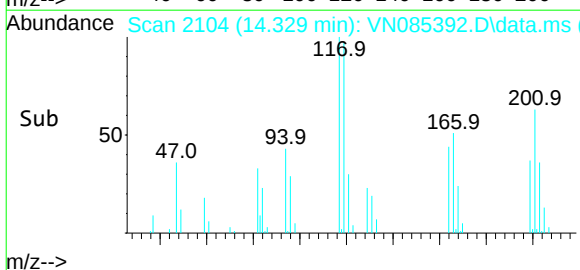
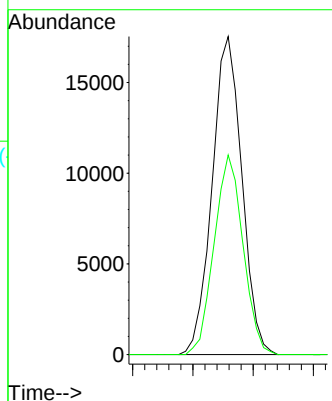
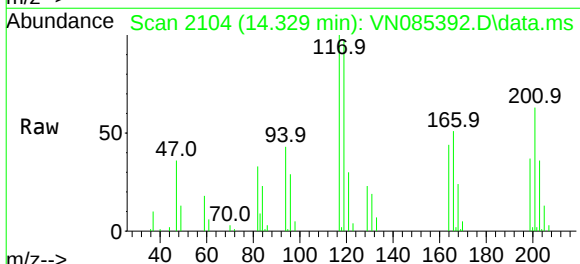
Manual Integrations
APPROVED

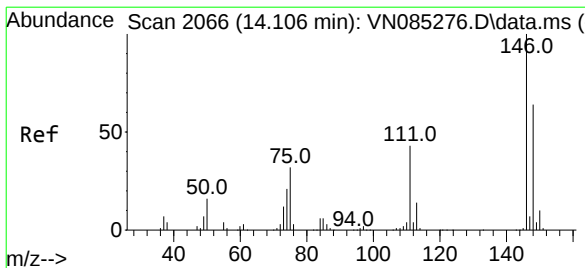
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#86
Hexachloroethane
Concen: 19.271 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion:117 Resp: 30104
Ion Ratio Lower Upper
117 100
201 60.9 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 20.496 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN085392.D

Acq: 07 Jan 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0107WBSD01

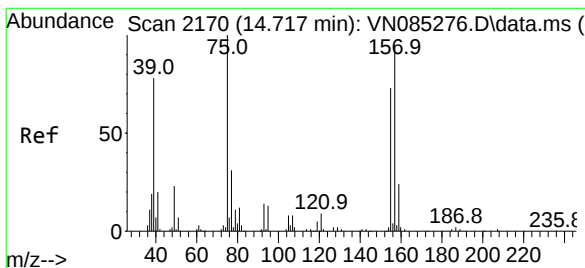
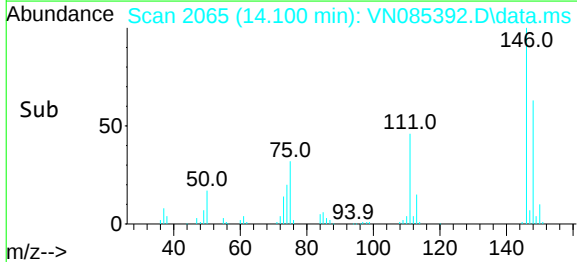
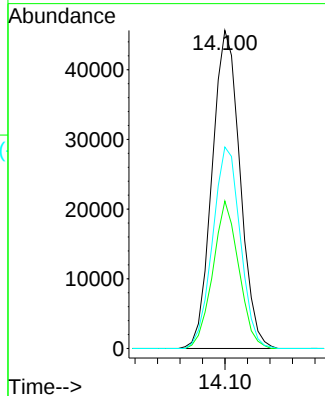
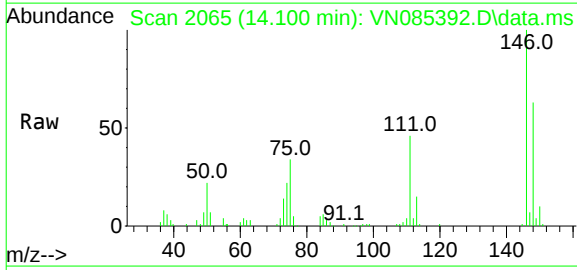
Tgt Ion:	146	Resp:	78682
Ion Ratio	Lower	Upper	
146	100		
111	43.1	22.1	66.3
148	62.9	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.714 ug/l

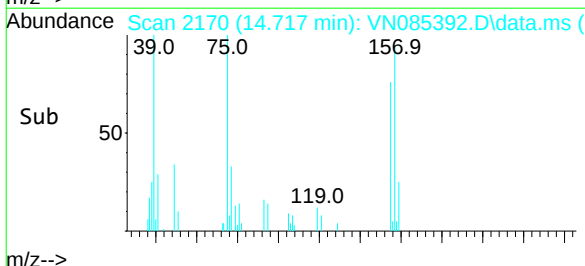
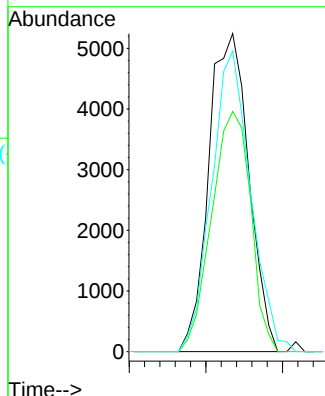
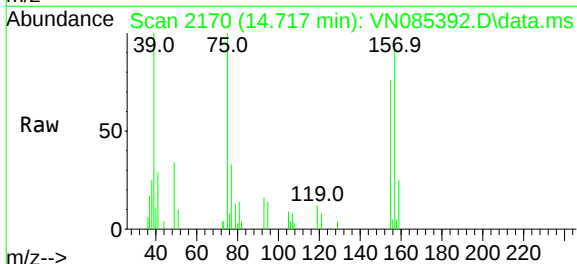
RT: 14.717 min Scan# 2170

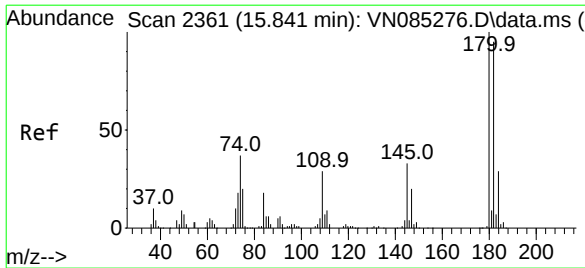
Delta R.T. 0.000 min

Lab File: VN085392.D

Acq: 07 Jan 2025 11:42

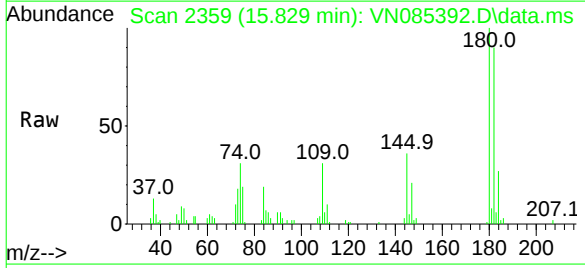
Tgt Ion:	75	Resp:	9491
Ion Ratio	Lower	Upper	
75	100		
155	73.7	53.4	80.0
157	92.3	74.2	111.4





1,2,4-Trichlorobenzene
Concen: 19.218 ug/l
RT: 15.829 min Scan# 2359
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

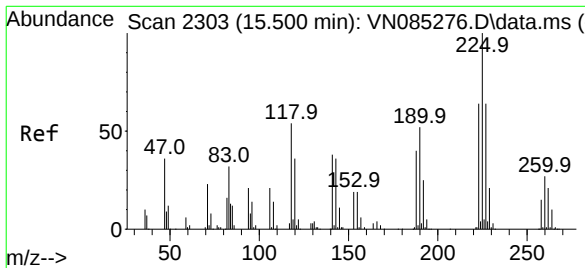
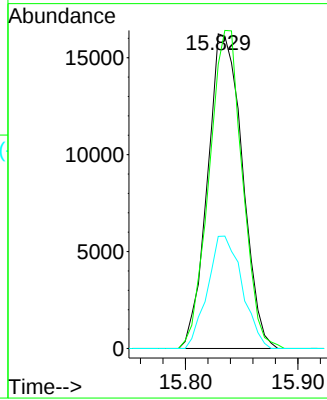
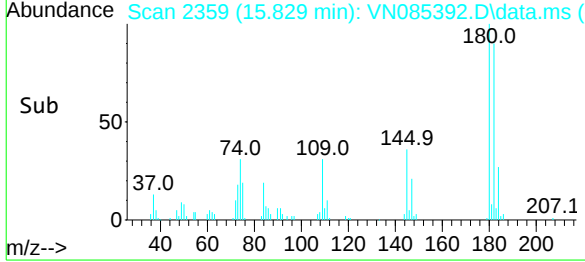
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01



Tgt Ion:	180	Resp:	34951
Ion Ratio	Lower	Upper	
180	100		
182	96.5	76.5	114.7
145	35.3	27.4	41.2

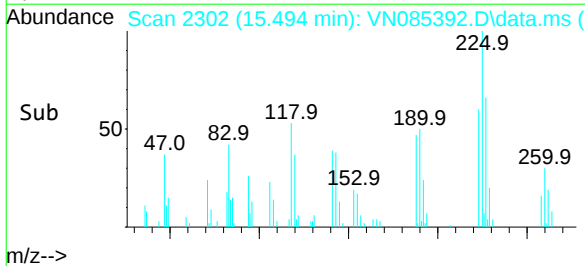
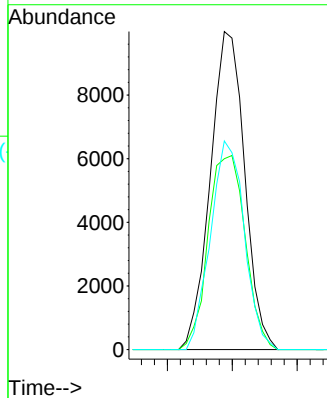
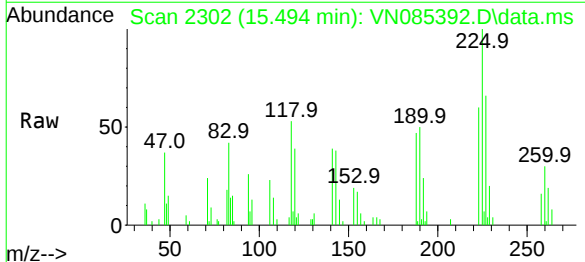
Manual Integrations
APPROVED

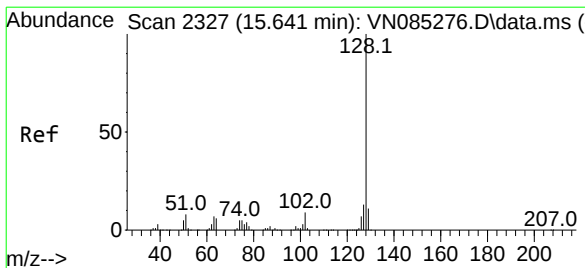
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



Hexachlorobutadiene
Concen: 20.288 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN085392.D
Acq: 07 Jan 2025 11:42

Tgt Ion:	225	Resp:	18392
Ion Ratio	Lower	Upper	
225	100		
223	66.1	0.0	116.2
227	64.5	0.0	116.4





#91

Naphthalene

Concen: 16.909 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN085392.D

Acq: 07 Jan 2025 11:42

Instrument :

MSVOA_N

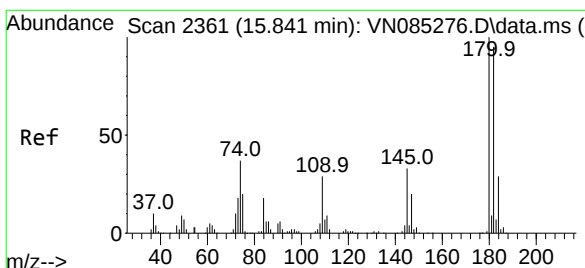
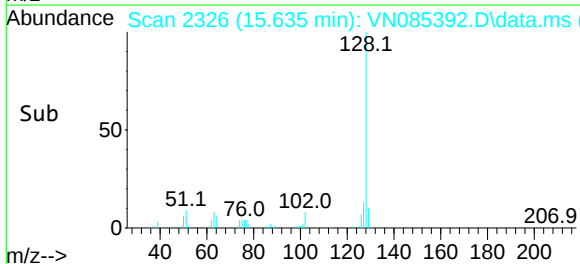
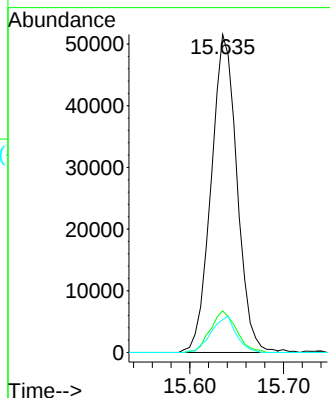
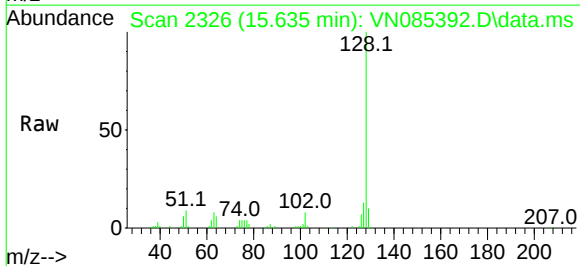
ClientSampleId :

VN0107WBSD01

Tgt Ion:	128	Resp:	98807
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	11.0	8.6	13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#92

1,2,3-Trichlorobenzene

Concen: 19.218 ug/l

RT: 15.829 min Scan# 2359

Delta R.T. -0.006 min

Lab File: VN085392.D

Acq: 07 Jan 2025 11:42

Tgt Ion:	180	Resp:	34951
Ion Ratio	Lower	Upper	
180	100		
182	96.5	0.0	191.2
145	35.3	0.0	68.6

