

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
 Data File : VN087439.D
 Acq On : 30 Jul 2025 10:47
 Operator : JC\MD
 Sample : VN0730WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/31/2025
 Supervised By : Mahesh Dadoda 07/31/2025

Quant Time: Jul 31 01:13:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 28 11:35:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	48201	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	265850	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	239728	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	119611	32.451	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.167%			
60) 4-Bromofluorobenzene	12.829	95	113912	28.936	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.467%			
63) Toluene-d8	10.547	98	331544	30.115	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.367%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	54556	19.399	ug/l	99
3) Chloromethane	2.383	50	56288	18.855	ug/l	90
4) Vinyl Chloride	2.542	62	57430	19.014	ug/l	100
5) Bromomethane	2.983	94	28318	19.226	ug/l	100
6) Chloroethane	3.142	64	35938	21.095	ug/l	97
7) Trichlorofluoromethane	3.506	101	80407	21.159	ug/l	92
8) Diethyl Ether	3.959	74	34801	21.943	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.359	101	44906	21.663	ug/l #	36
10) 1,1-Dichloroethene	4.330	96	41117	19.940	ug/l	96
11) Methyl Iodide	4.577	142	27797	14.887	ug/l	97
12) Methyl Acetate	5.024	43	99626	22.158	ug/l	93
13) Acrolein	4.177	56	49089	133.874	ug/l	98
14) Acrylonitrile	5.712	53	207625	106.496	ug/l	98
15) Acetone	4.430	58	48503	107.341	ug/l	96
16) Carbon Disulfide	4.695	76	125803	17.167	ug/l	96
17) Allyl chloride	5.006	41	94127m	19.591	ug/l	
18) Methylene Chloride	5.271	84	60592m	19.518	ug/l	
19) trans-1,2-Dichloroethene	5.771	96	50839	17.354	ug/l	88
20) Diisopropyl ether	6.659	45	223575	20.452	ug/l	95
21) 1,1-Dichloroethane	6.553	63	107485	19.400	ug/l	96
22) cis-1,2-Dichloroethene	7.465	96	66337	18.631	ug/l #	3
23) tert-Butyl Alcohol	5.518	59	80034	105.911	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	209127	20.441	ug/l	97
25) Chloroform	7.947	83	109449	19.567	ug/l	93
26) Cyclohexane	8.241	56	93837	18.338	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	71426	18.926	ug/l	98
30) 2-Butanone	7.471	43	300514	109.905	ug/l	97
31) 2,2-Dichloropropane	7.477	77	89630	19.060	ug/l #	79
32) 1,1,1-Trichloroethane	8.153	97	87514	19.292	ug/l	96
33) Carbon Tetrachloride	8.347	117	71850	19.208	ug/l	97
34) Benzene	8.588	78	237583	19.247	ug/l	96
35) Methacrylonitrile	7.765	41	65689	20.972	ug/l	95
36) 1,2-Dichloroethane	8.659	62	86151	20.972	ug/l #	93
37) Trichloroethene	9.335	130	49690	17.635	ug/l	85
38) Methylcyclohexane	9.583	83	90243	18.540	ug/l	98
39) 1,2-Dichloropropane	9.606	63	63283	20.364	ug/l	100
40) Dibromomethane	9.694	93	45414	20.601	ug/l	95
41) Bromodichloromethane	9.871	83	88915	20.041	ug/l #	92
42) Vinyl Acetate	6.595	43	969689	105.380	ug/l	98

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Instrument :
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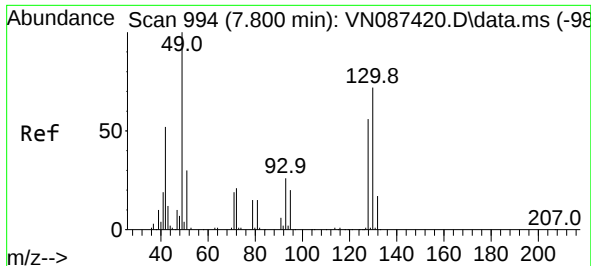
Manual Integrations
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Reviewed By : John Carlone 07/31/2025
 Supervised By : Mahesh Dadoda 07/31/2025

Quant Time: Jul 31 01:13:07 2025
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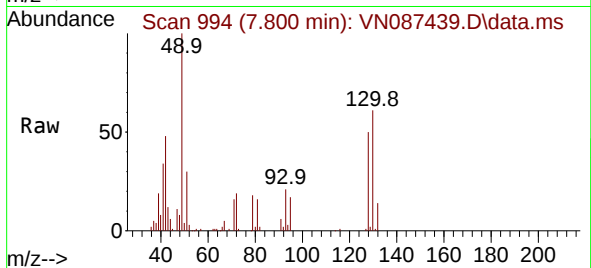
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	117895	21.033	ug/l #	67
44) Isopropyl Acetate	8.677	43	198430	22.159	ug/l	95
45) 1,4-Dioxane	9.688	88	25593	450.443	ug/l #	83
46) Methyl methacrylate	9.665	41	79140	18.980	ug/l	95
47) n-amyl Acetate	12.524	43	66897m	18.120	ug/l	
48) t-1,3-Dichloropropene	10.818	75	101964	20.414	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	103323	19.697	ug/l	99
50) 1,1,2-Trichloroethane	11.000	97	58673	19.995	ug/l	97
51) Ethyl methacrylate	10.859	69	105129	19.783	ug/l	90
52) 1,3-Dichloropropane	11.147	76	101932	20.099	ug/l	99
53) Dibromochloromethane	11.341	129	65765	19.539	ug/l	99
54) 1,2-Dibromoethane	11.447	107	61989	20.077	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	311559	142.593	ug/l	98
56) Bromoform	12.559	173	44202	18.714	ug/l	96
58) 4-Methyl-2-Pentanone	10.430	43	609969	112.962	ug/l	97
59) 2-Hexanone	11.182	43	397306	106.172	ug/l	97
61) Tetrachloroethene	11.082	164	42182	18.533	ug/l	89
62) Toluene	10.612	91	258316	19.093	ug/l	97
64) Chlorobenzene	11.871	112	157644	18.947	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	54986	19.490	ug/l	98
66) Ethyl Benzene	11.941	91	283554	19.183	ug/l	99
67) m/p-Xylenes	12.053	106	210331	37.976	ug/l	99
68) o-Xylene	12.376	106	103426	19.082	ug/l	98
69) Styrene	12.394	104	173392	18.703	ug/l	99
70) Isopropylbenzene	12.676	105	265686	19.088	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	97486	20.540	ug/l	97
72) 1,2,3-Trichloropropane	12.971	75	93198m	21.587	ug/l	
73) Bromobenzene	12.959	156	61113	18.897	ug/l	97
74) n-propylbenzene	13.018	91	336624	19.588	ug/l	96
75) 2-Chlorotoluene	13.106	91	189903	18.620	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	219347	19.022	ug/l	98
77) t-1,4-Dichloro-2-butene	12.724	75	31385	17.132	ug/l	92
78) 4-Chlorotoluene	13.200	91	194032	18.527	ug/l	97
79) tert-butylbenzene	13.418	119	190112	19.085	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	221310	19.342	ug/l	99
81) sec-Butylbenzene	13.594	105	287671	19.441	ug/l	99
82) p-Isopropyltoluene	13.712	119	233397	19.434	ug/l	98
83) 1,3-Dichlorobenzene	13.712	146	117824	19.252	ug/l	98
84) 1,4-Dichlorobenzene	13.794	146	117945	18.429	ug/l	98
85) n-Butylbenzene	14.035	91	234688	19.403	ug/l	99
86) Hexachloroethane	14.306	117	43566	17.861	ug/l	95
87) 1,2-Dichlorobenzene	14.088	146	112943	18.983	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	20917	19.094	ug/l	97
89) 1,2,4-Trichlorobenzene	15.812	180	66316	18.275	ug/l	98
90) Hexachlorobutadiene	15.470	225	25652	18.567	ug/l	96
91) Naphthalene	15.617	128	262503	19.140	ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	66316	18.275	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

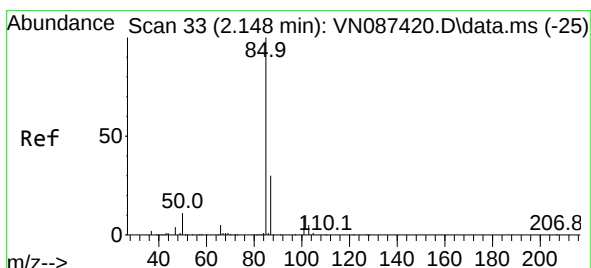
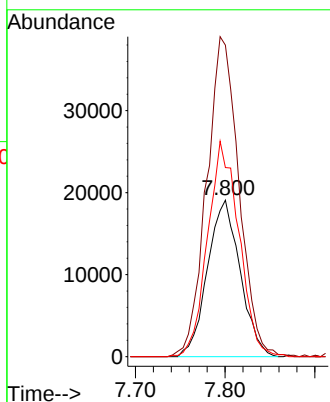
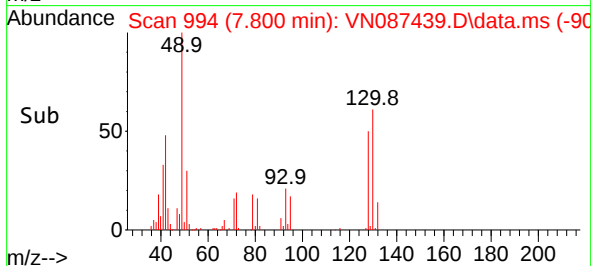
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



Tgt Ion:128 Resp: 4820
Ion Ratio Lower Upper
128 100
49 202.6 0.0 457.3
130 132.6 0.0 316.0

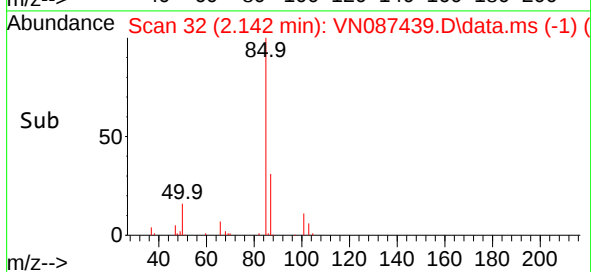
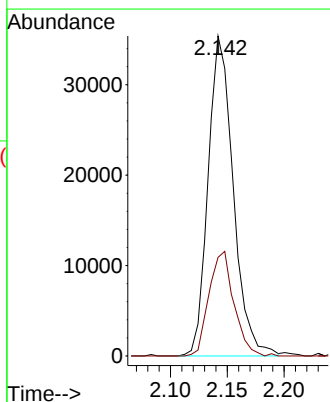
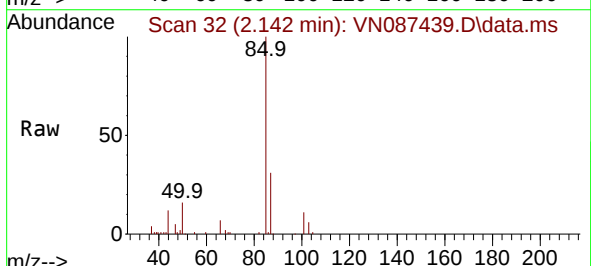
Manual Integrations
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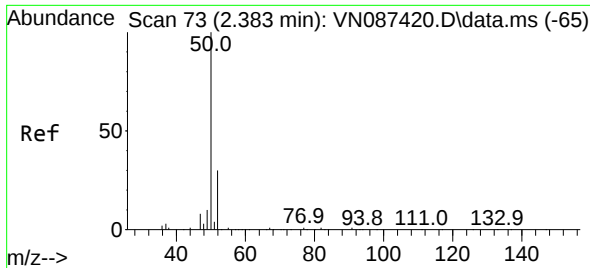
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#2
Dichlorodifluoromethane
Concen: 19.399 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

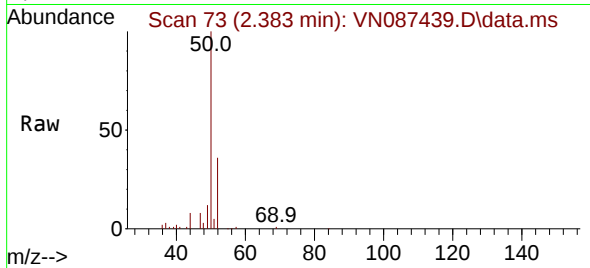
Tgt Ion: 85 Resp: 54556
Ion Ratio Lower Upper
85 100
87 30.8 15.0 45.1





#3
Chloromethane
Concen: 18.855 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

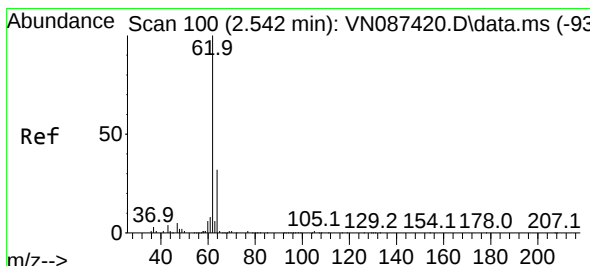
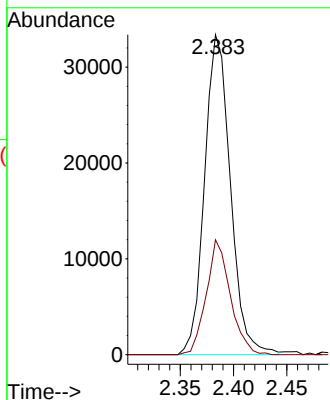
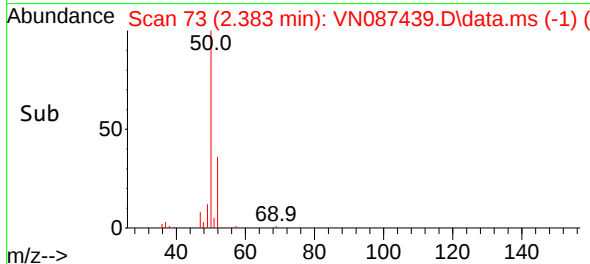
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



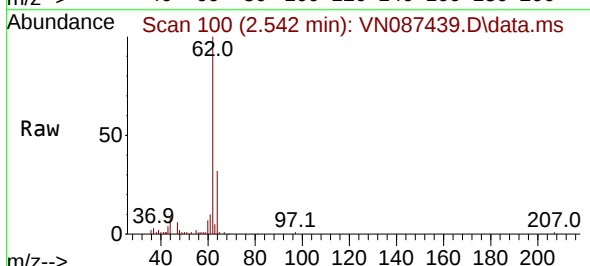
Tgt Ion: 50 Resp: 5628
Ion Ratio Lower Upper
50 100
52 35.9 24.3 36.5

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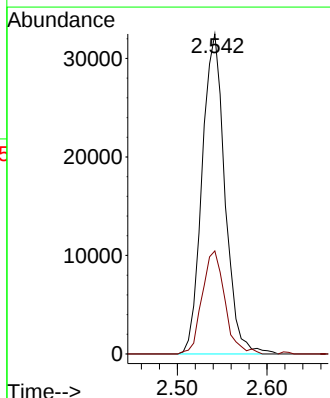
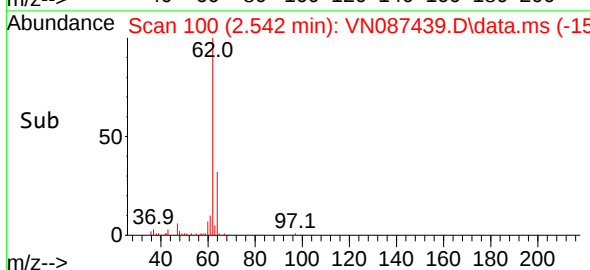
Reviewed By :John Carlone 07/31/2025
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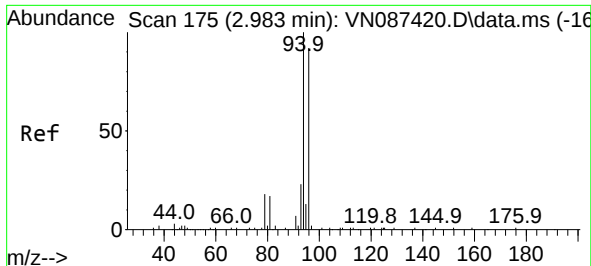


#4
Vinyl Chloride
Concen: 19.014 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



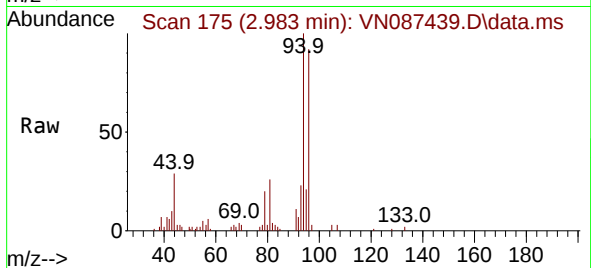
Tgt Ion: 62 Resp: 57430
Ion Ratio Lower Upper
62 100
64 32.2 25.6 38.4





#5
Bromomethane
Concen: 19.226 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

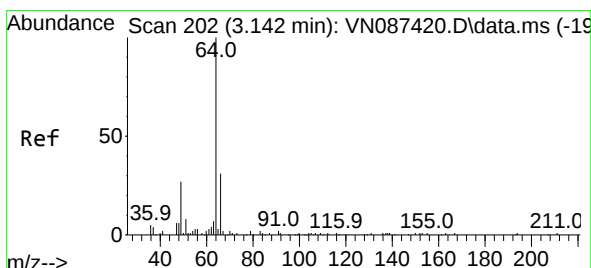
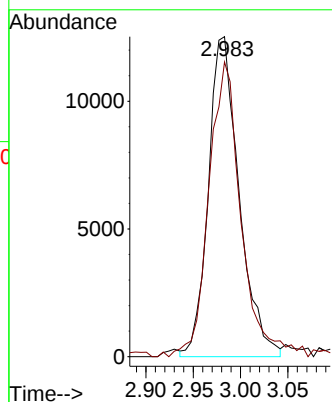
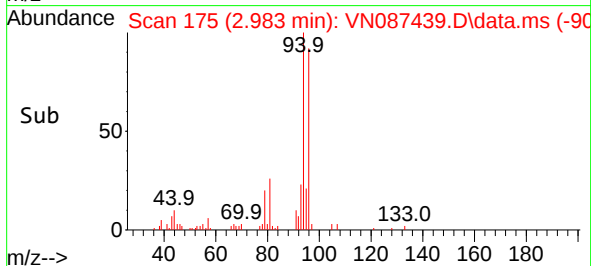
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



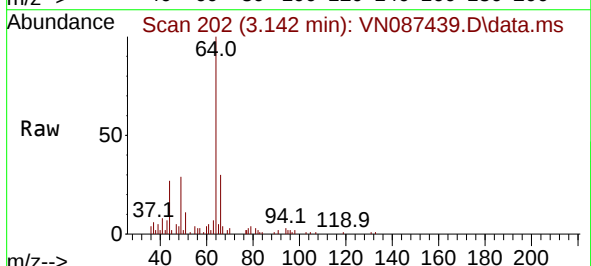
Tgt Ion: 94 Resp: 28318
Ion Ratio Lower Upper
94 100
96 91.3 73.2 109.8

Manual Integrations
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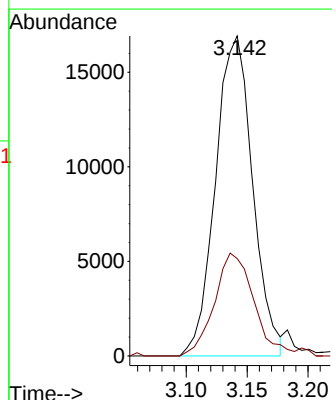
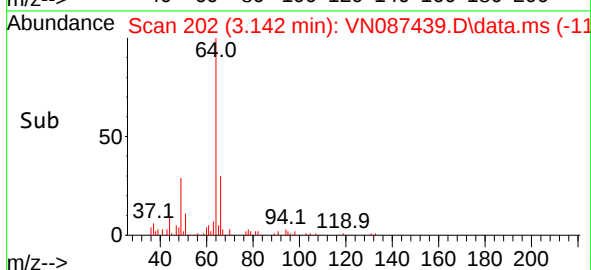
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

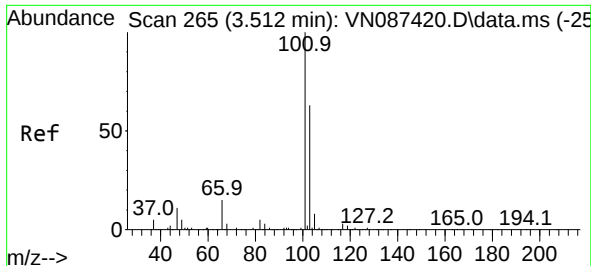


#6
Chloroethane
Concen: 21.095 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



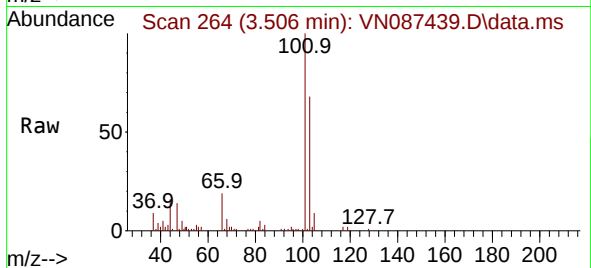
Tgt Ion: 64 Resp: 35938
Ion Ratio Lower Upper
64 100
66 30.4 25.6 38.4





#7
 Trichlorofluoromethane
 Concen: 21.159 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN087439.D
 Acq: 30 Jul 2025 10:47

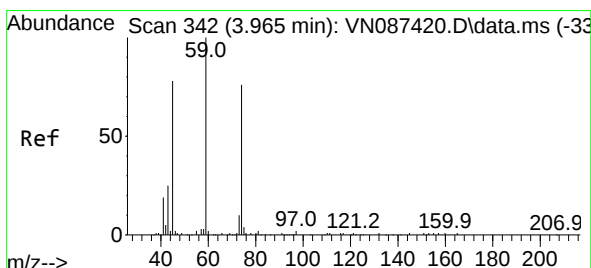
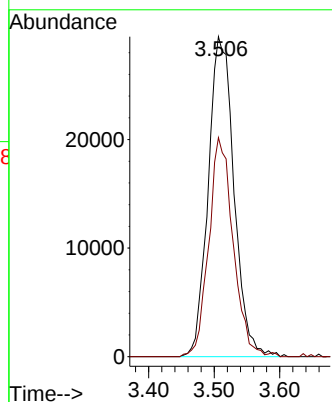
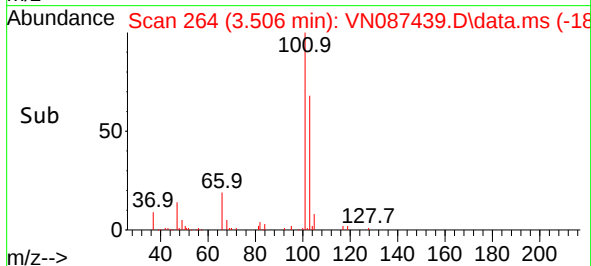
Instrument :
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Tgt Ion:101 Resp: 8040
 Ion Ratio Lower Upper
 101 100
 103 68.4 50.0 75.0

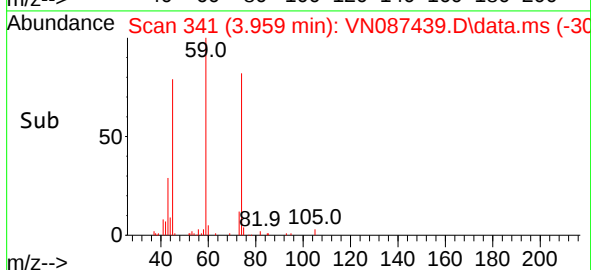
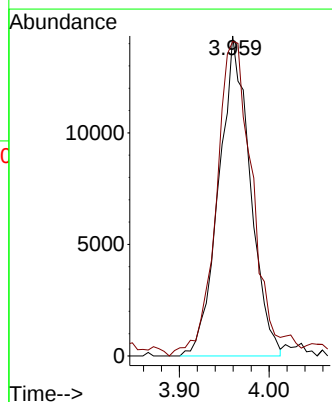
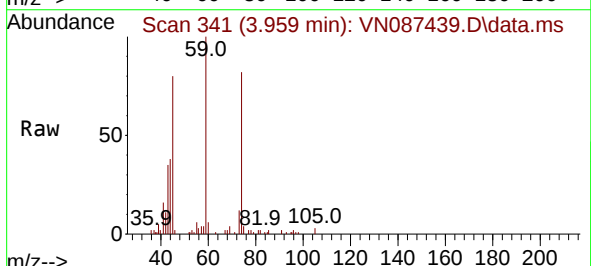
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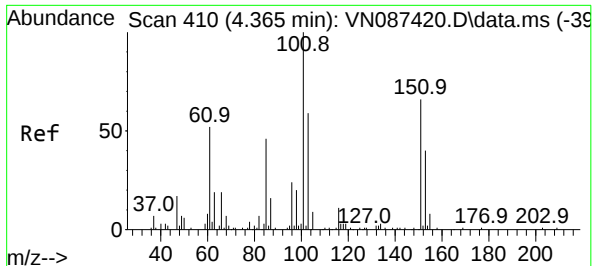
Reviewed By :John Carlone 07/31/2025
 Supervised By :Mahesh Dadoda 07/31/2025



#8
 Diethyl Ether
 Concen: 21.943 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087439.D
 Acq: 30 Jul 2025 10:47

Tgt Ion: 74 Resp: 34801
 Ion Ratio Lower Upper
 74 100
 45 111.0 20.2 181.4





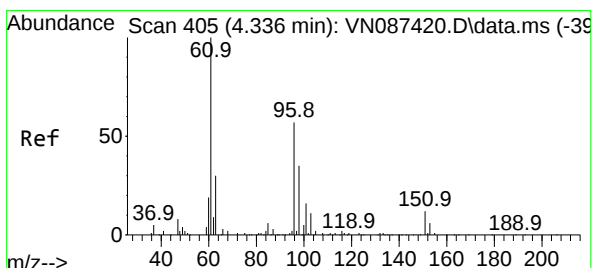
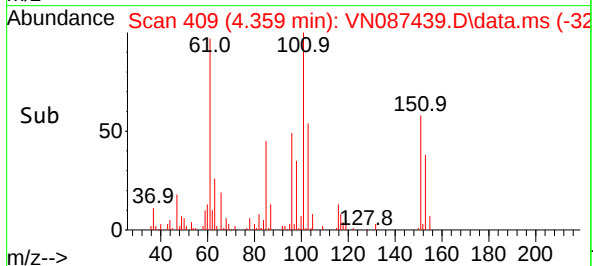
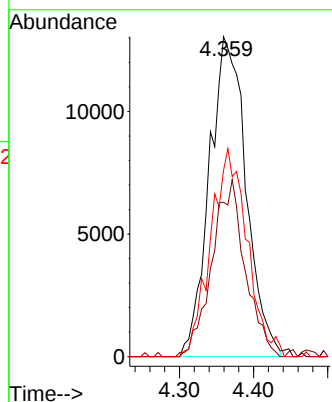
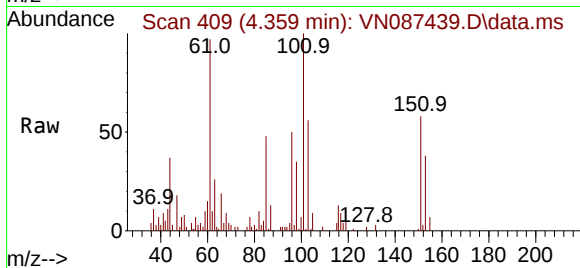
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1,1,2-Trichlorotrifluoroethane
Concen: 21.663 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tgt Ion:101 Resp: 44900
Ion Ratio Lower Upper
101 100
85 26.2 0.0 101.2
151 0.0 0.0 140.6

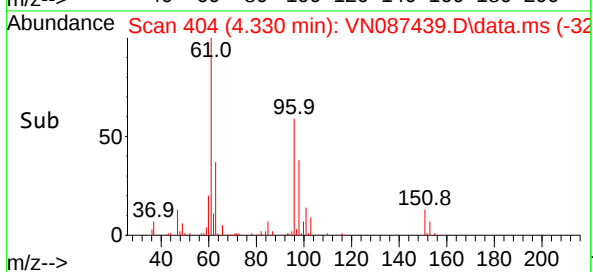
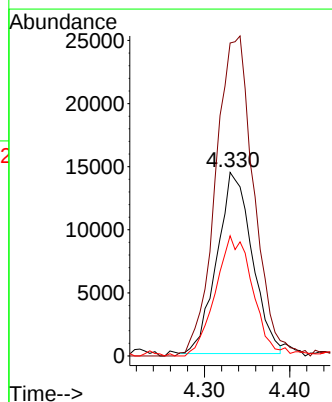
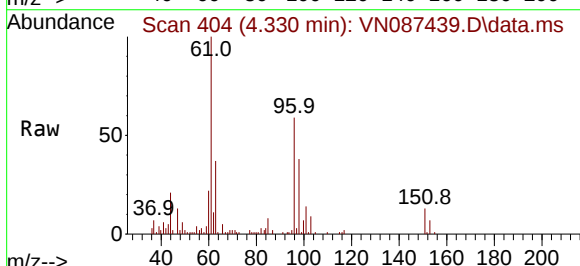
Manual Integrations
APPROVED

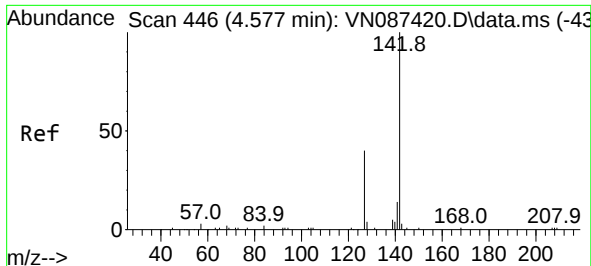
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#10
1,1-Dichloroethene
Concen: 19.940 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

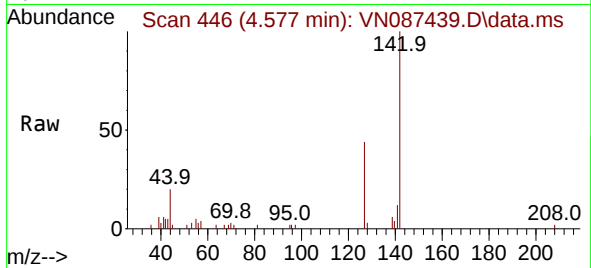
Tgt Ion: 96 Resp: 41117
Ion Ratio Lower Upper
96 100
61 171.1 140.4 210.6
98 66.4 49.6 74.4





#11
Methyl Iodide
Concen: 14.887 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

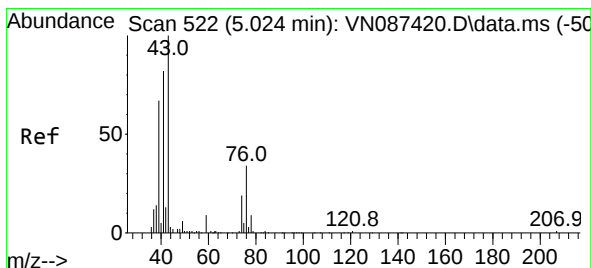
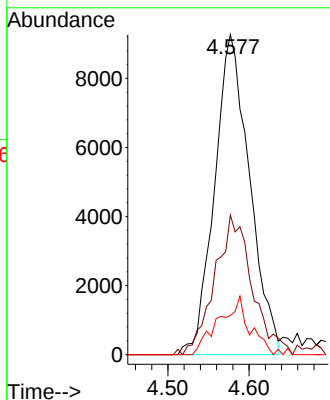
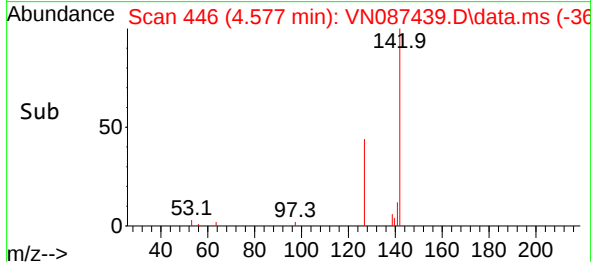
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



Tgt Ion:142 Resp: 2779
Ion Ratio Lower Upper
142 100
127 41.1 20.0 59.9
141 11.7 6.8 20.4

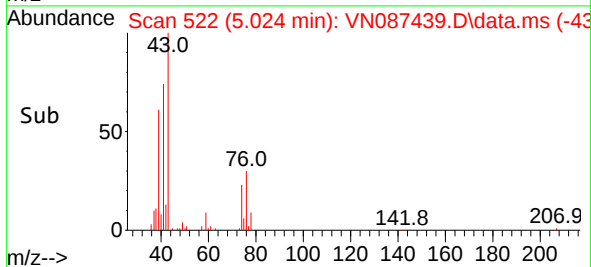
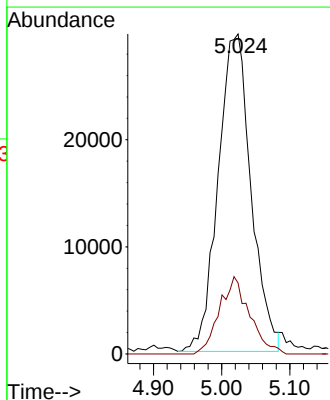
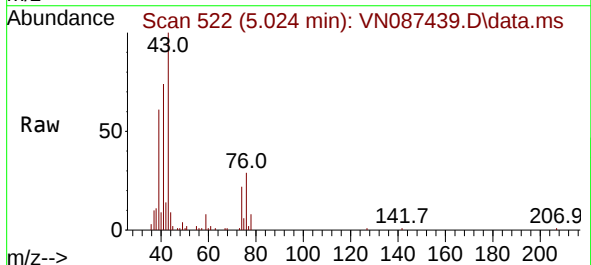
Manual Integrations
APPROVED

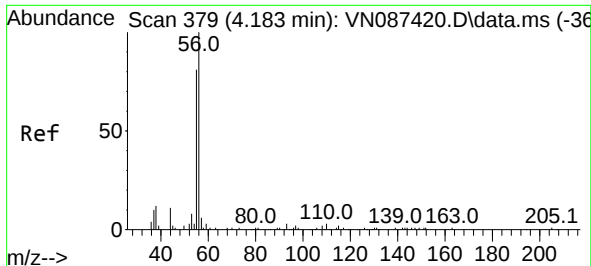
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#12
Methyl Acetate
Concen: 22.158 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

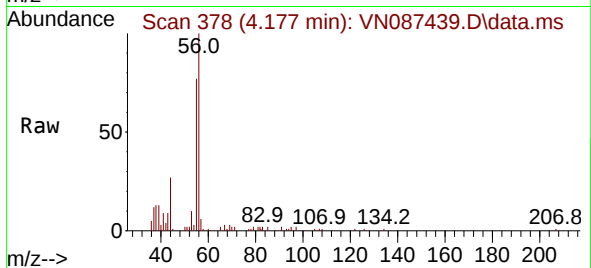
Tgt Ion: 43 Resp: 99626
Ion Ratio Lower Upper
43 100
74 22.2 15.4 23.0





#13
Acrolein
Concen: 133.874 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

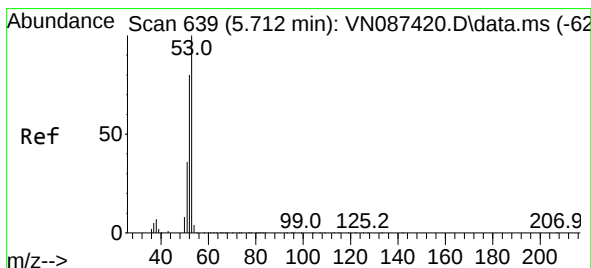
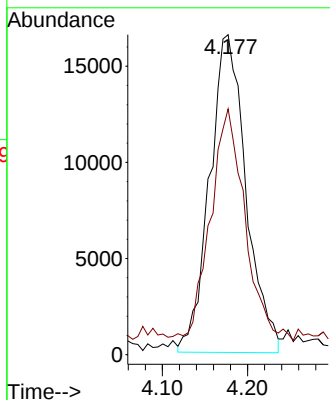
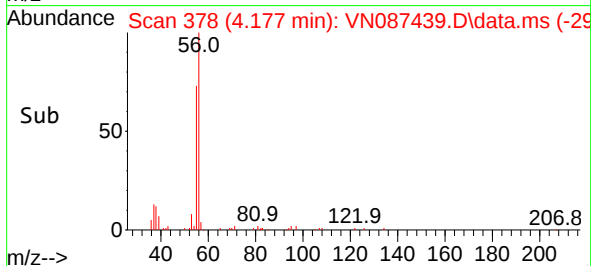
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



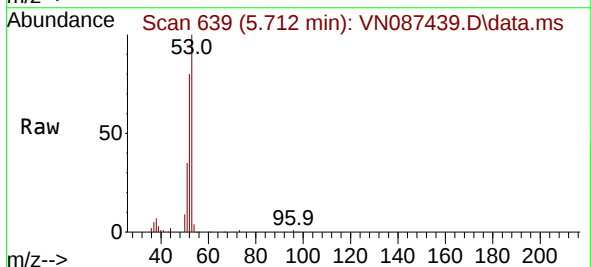
Tgt Ion: 56 Resp: 49089
Ion Ratio Lower Upper
56 100
55 72.1 58.9 88.3

Manual Integrations
APPROVED

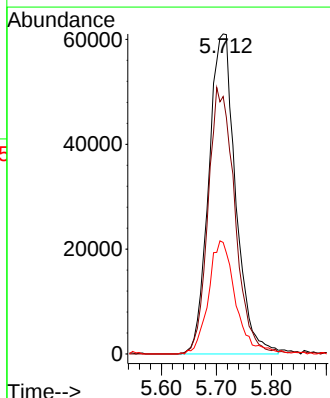
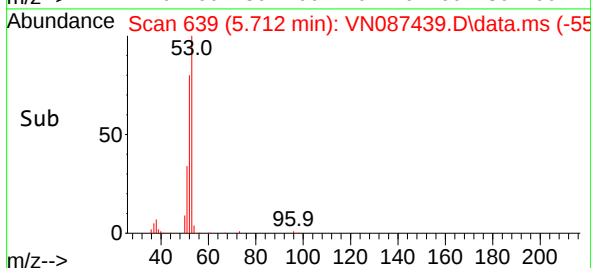
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

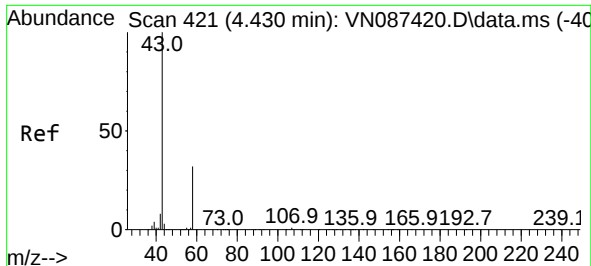


#14
Acrylonitrile
Concen: 106.496 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



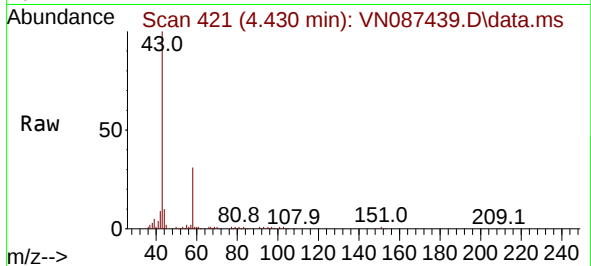
Tgt Ion: 53 Resp: 207625
Ion Ratio Lower Upper
53 100
52 82.2 41.6 124.9
51 34.3 18.1 54.4





#15
Acetone
Concen: 107.341 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

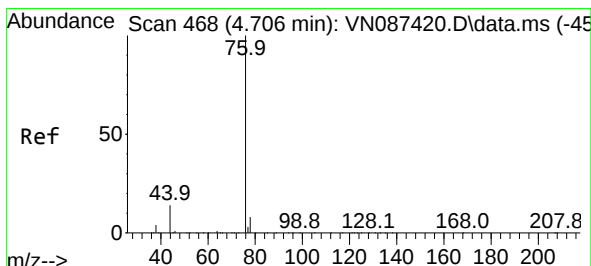
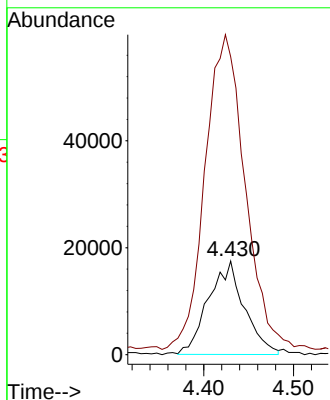
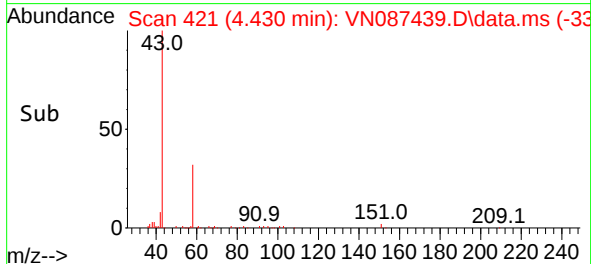
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



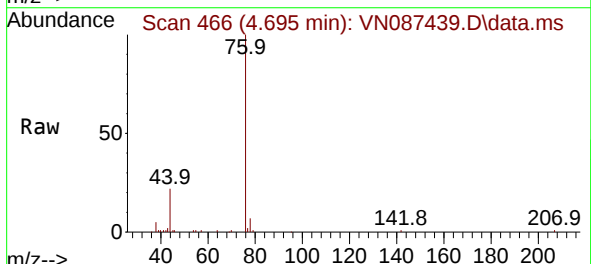
Tgt Ion: 58 Resp: 4850
Ion Ratio Lower Upper
58 100
43 303.4 248.4 372.6

Manual Integrations
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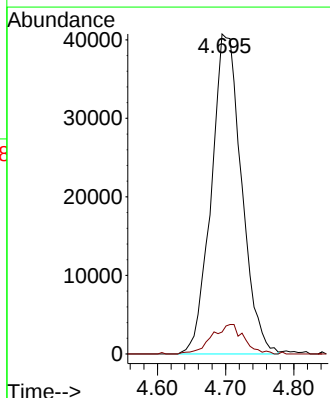
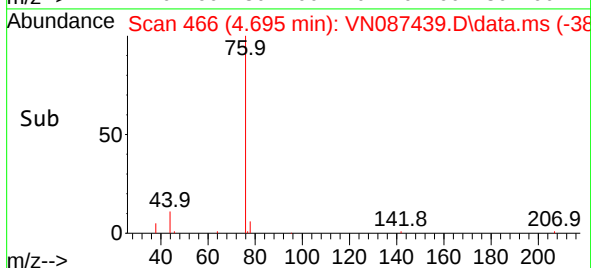
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

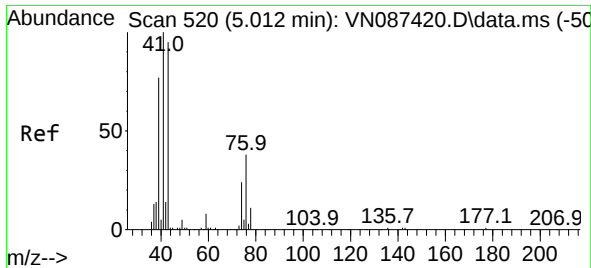


#16
Carbon Disulfide
Concen: 17.167 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.012 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



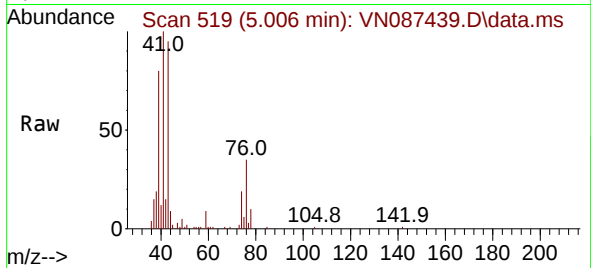
Tgt Ion: 76 Resp: 125803
Ion Ratio Lower Upper
76 100
78 6.9 6.6 10.0





#17
 Allyl chloride
 Concen: 19.591 ug/l m
 RT: 5.006 min Scan# 519
 Delta R.T. -0.006 min
 Lab File: VN087439.D
 Acq: 30 Jul 2025 10:47

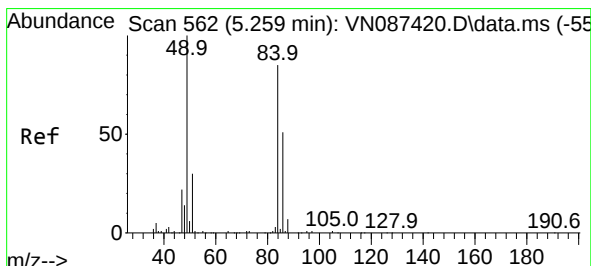
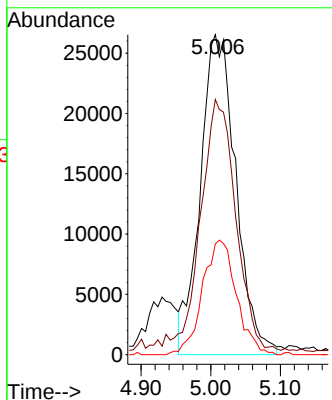
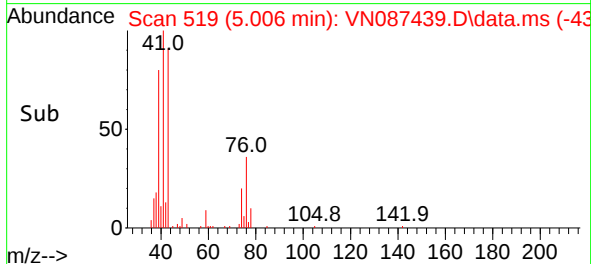
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01



Tgt Ion: 41 Resp: 9412
 Ion Ratio Lower Upper
 41 100
 39 79.8 35.9 107.8
 76 34.6 17.5 52.5

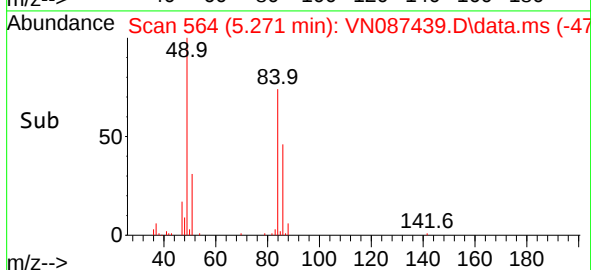
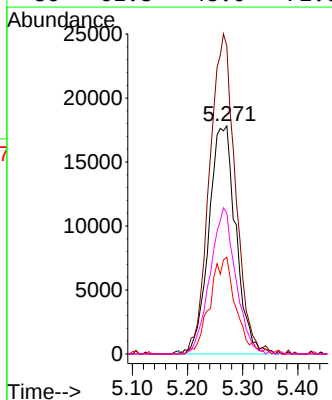
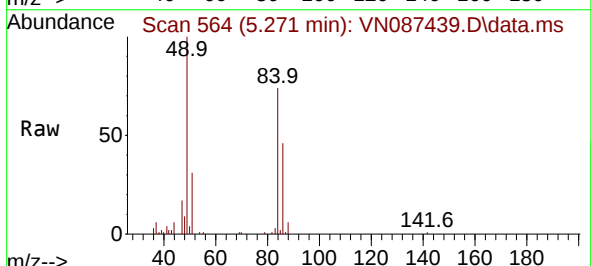
Manual Integrations
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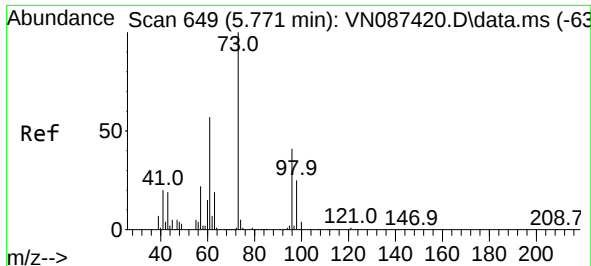
Reviewed By :John Carlone 07/31/2025
 Supervised By :Mahesh Dadoda 07/31/2025



#18
 Methylene Chloride
 Concen: 19.518 ug/l m
 RT: 5.271 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: VN087439.D
 Acq: 30 Jul 2025 10:47

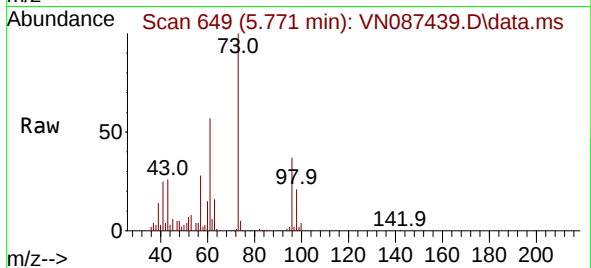
Tgt Ion: 84 Resp: 60592
 Ion Ratio Lower Upper
 84 100
 49 135.1 93.5 140.3
 51 42.5 28.0 42.0#
 86 61.8 48.0 72.0





#19
trans-1,2-Dichloroethene
Concen: 17.354 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

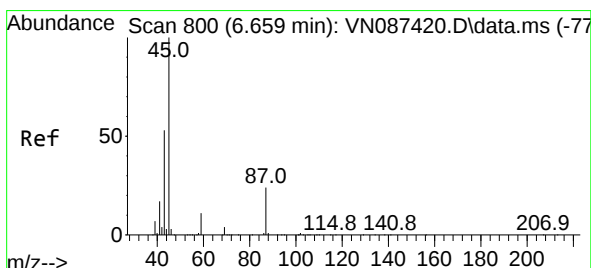
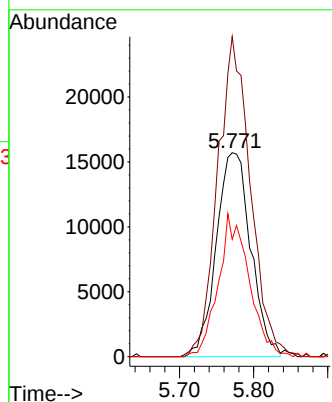
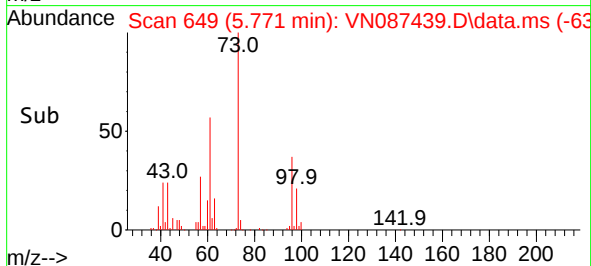
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



Tgt Ion: 96 Resp: 50839
Ion Ratio Lower Upper
96 100
61 156.9 110.2 165.4
98 57.5 47.9 71.9

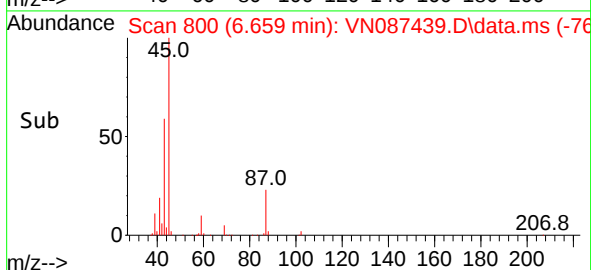
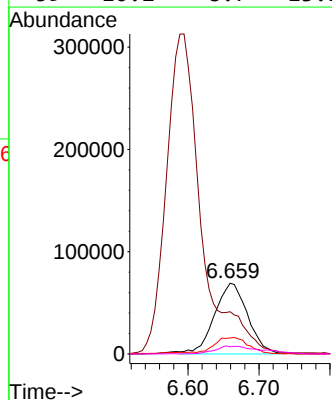
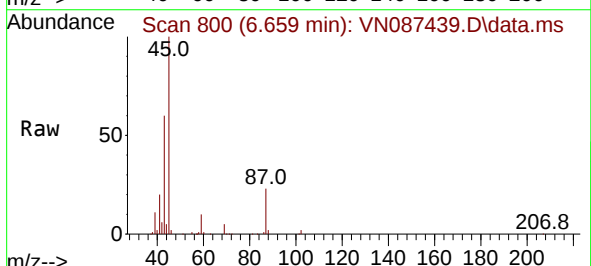
Manual Integrations
APPROVED

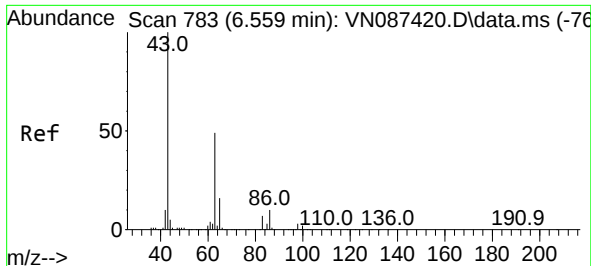
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#20
Diisopropyl ether
Concen: 20.452 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

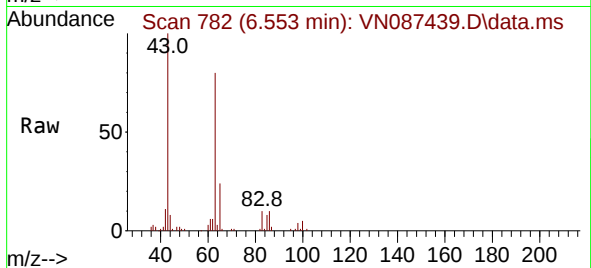
Tgt Ion: 45 Resp: 223575
Ion Ratio Lower Upper
45 100
43 58.0 42.7 64.1
87 22.5 19.4 29.0
59 10.2 8.7 13.1





#21
1,1-Dichloroethane
Concen: 19.400 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

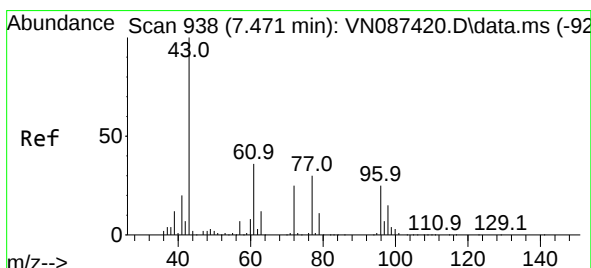
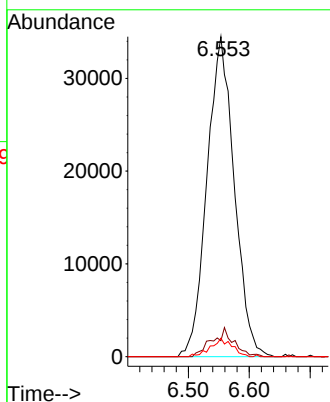
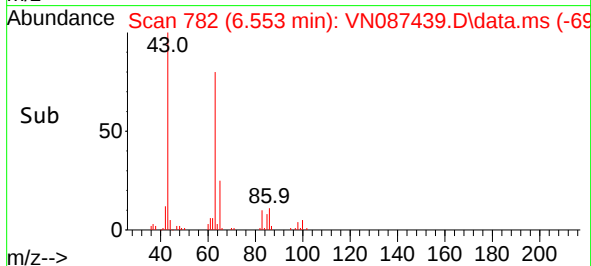
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



Tgt Ion: 63 Resp: 107485
Ion Ratio Lower Upper
63 100
98 5.0 3.4 10.1
100 5.7 2.5 7.4

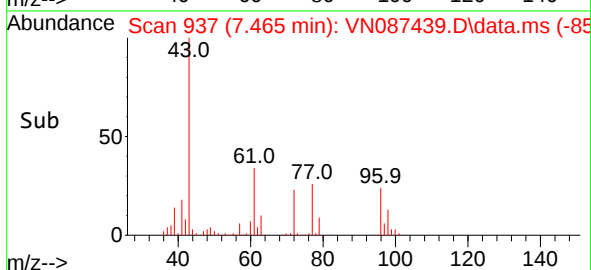
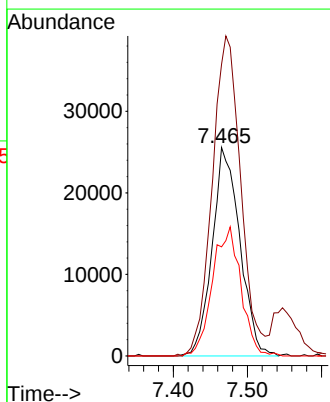
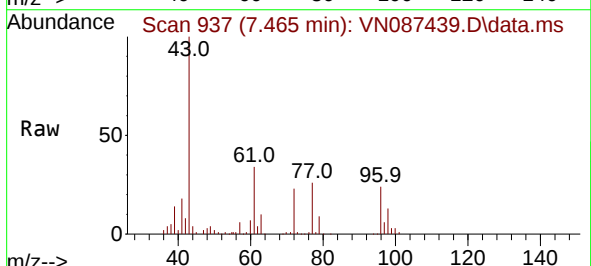
Manual Integrations
APPROVED

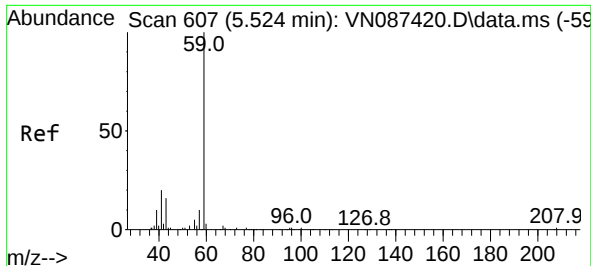
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#22
cis-1,2-Dichloroethene
Concen: 18.631 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

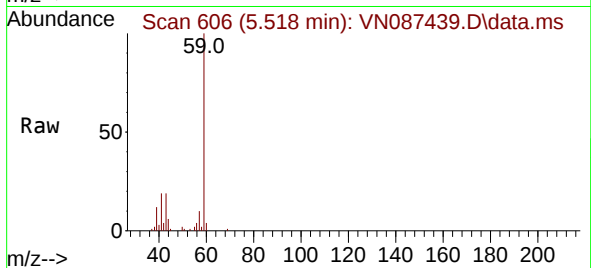
Tgt Ion: 96 Resp: 66337
Ion Ratio Lower Upper
96 100
61 0.1 118.8 178.2#
98 26.4 51.5 77.3#





#23
tert-Butyl Alcohol
Concen: 105.911 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

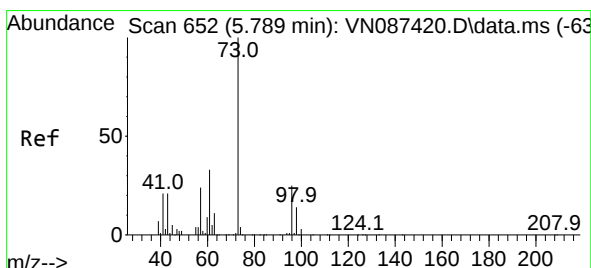
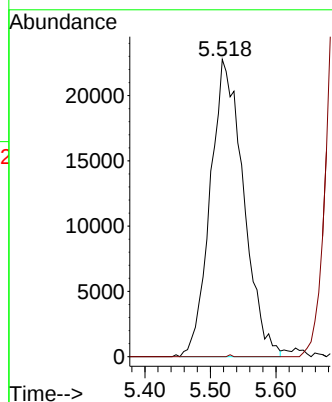
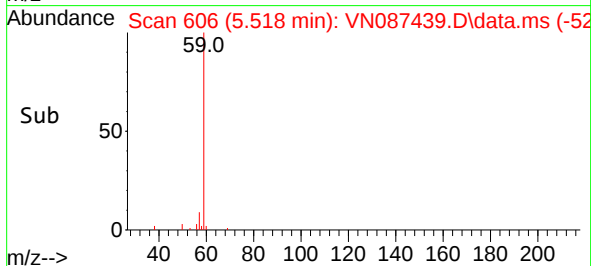
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



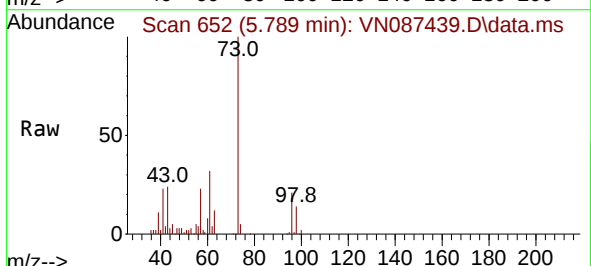
Tgt Ion: 59 Resp: 80034
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

Manual Integrations
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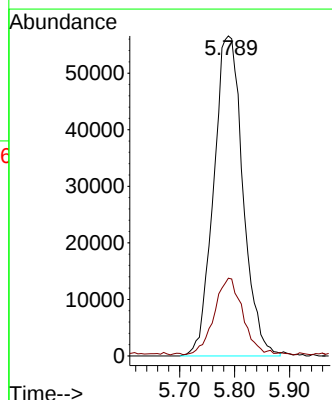
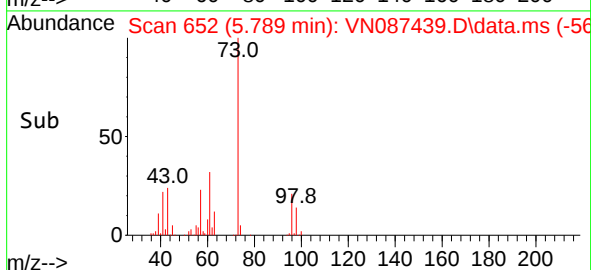
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

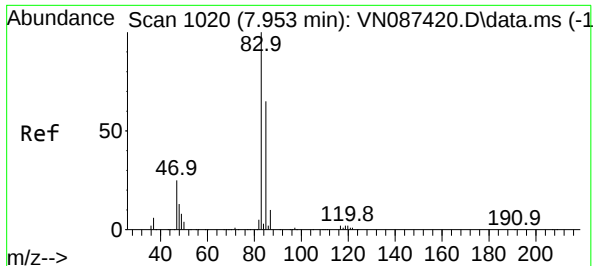


#24
Methyl tert-Butyl Ether
Concen: 20.441 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



Tgt Ion: 73 Resp: 209127
Ion Ratio Lower Upper
73 100
43 22.9 17.1 25.7





#25

Chloroform

Concen: 19.567 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087439.D

Acq: 30 Jul 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tgt Ion: 83 Resp: 109449

Ion Ratio Lower Upper

83 100

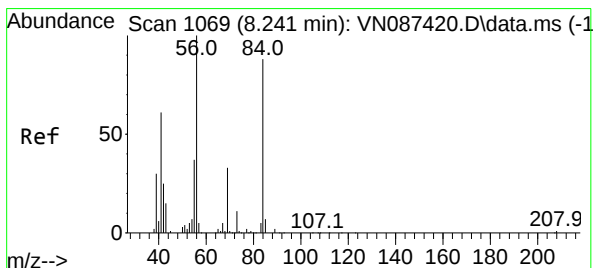
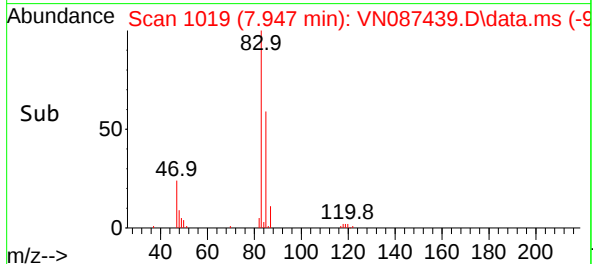
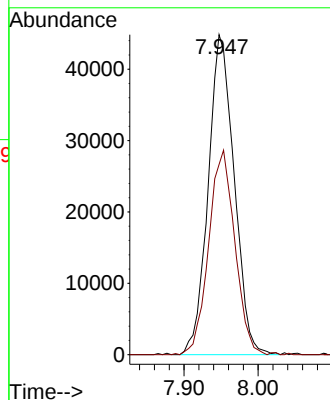
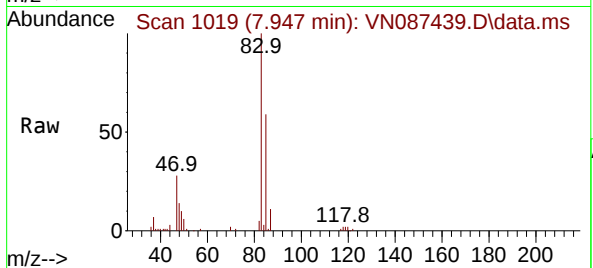
85 59.5 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#26

Cyclohexane

Concen: 18.338 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087439.D

Acq: 30 Jul 2025 10:47

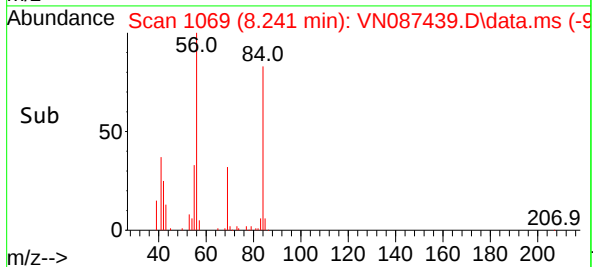
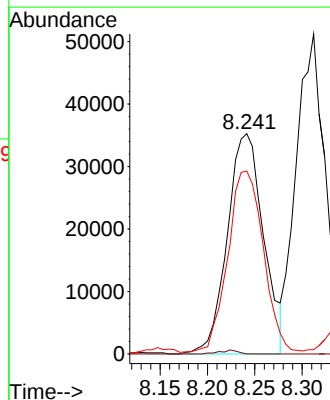
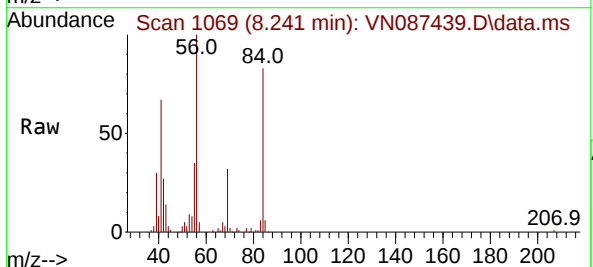
Tgt Ion: 56 Resp: 93837

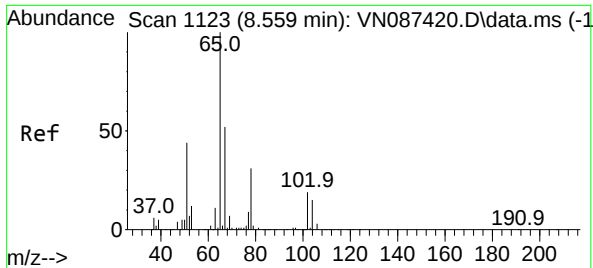
Ion Ratio Lower Upper

56 100

89 0.9 4.7 7.1#

84 82.8 67.4 101.2





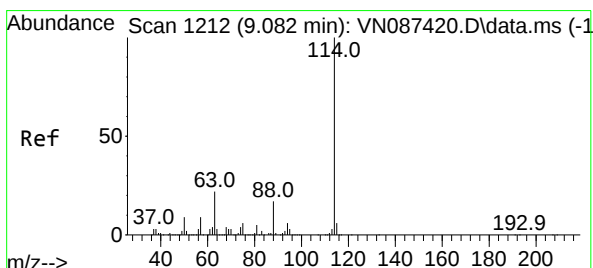
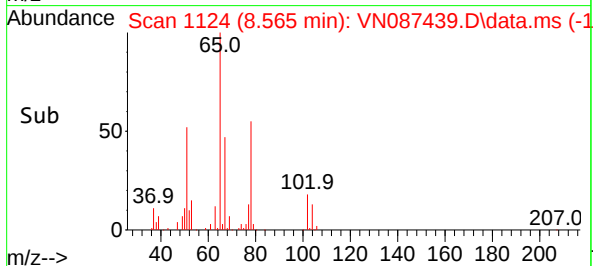
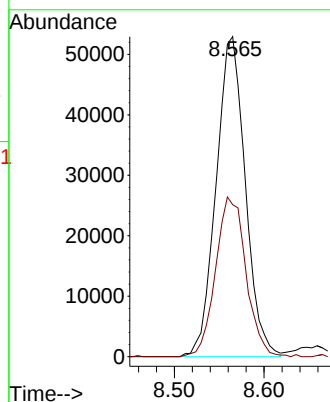
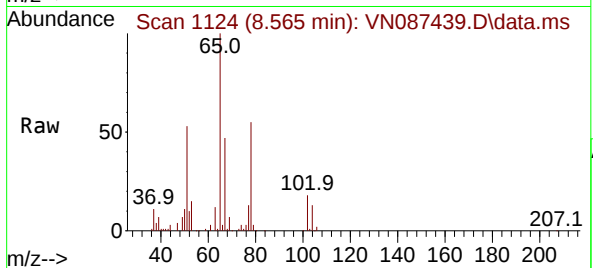
#27
1,2-Dichloroethane-d4
Concen: 32.451 ug/l
RT: 8.565 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tgt Ion: 65 Resp: 11961
Ion Ratio Lower Upper
65 100
67 51.8 42.3 63.5

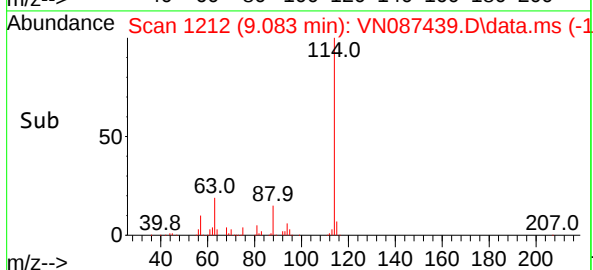
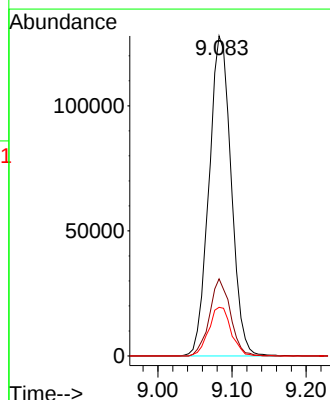
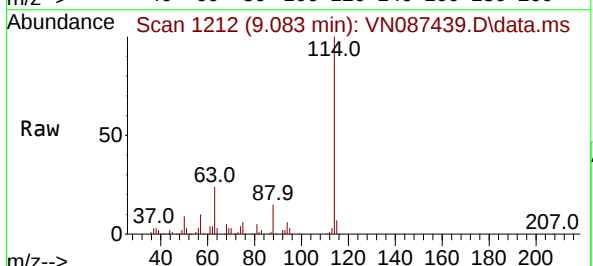
Manual Integrations
APPROVED

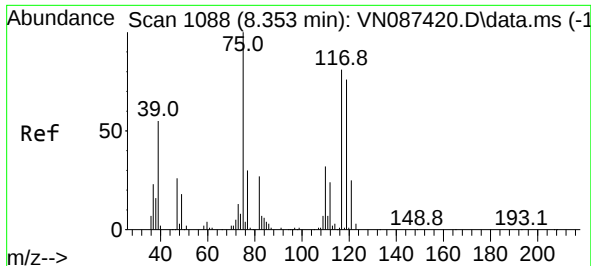
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

Tgt Ion:114 Resp: 265850
Ion Ratio Lower Upper
114 100
63 22.7 17.8 26.6
88 15.3 13.0 19.4





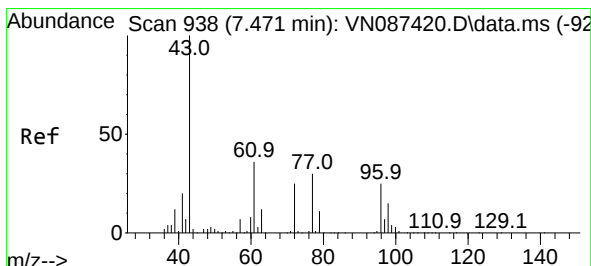
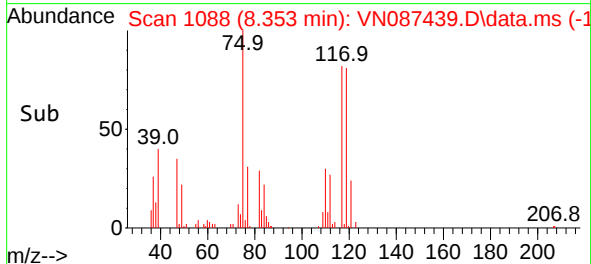
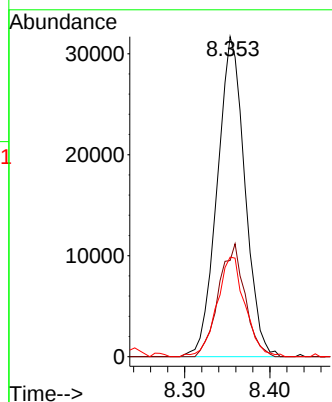
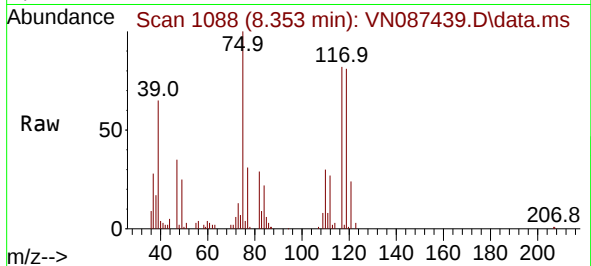
#29
1,1-Dichloropropene
Concen: 18.926 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tgt Ion: 75	Resp: 71420
Ion Ratio	Lower Upper
75 100	
110 33.7	0.0 69.6
77 31.5	0.0 60.2

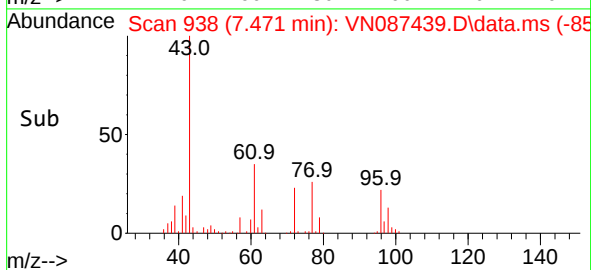
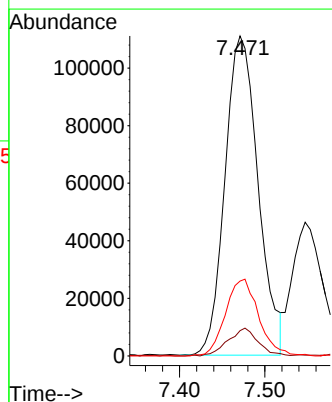
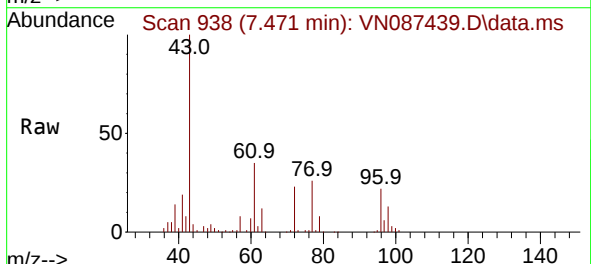
Manual Integrations
APPROVED

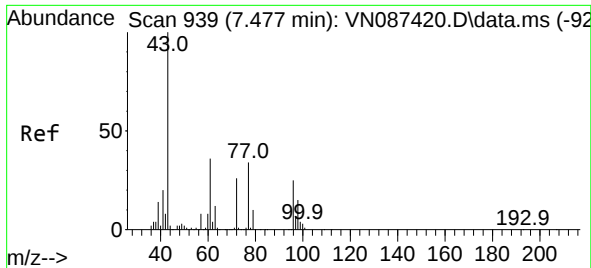
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#30
2-Butanone
Concen: 109.905 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

Tgt Ion: 43	Resp: 300514
Ion Ratio	Lower Upper
43 100	
57 7.9	6.0 9.0
72 23.9	20.3 30.5





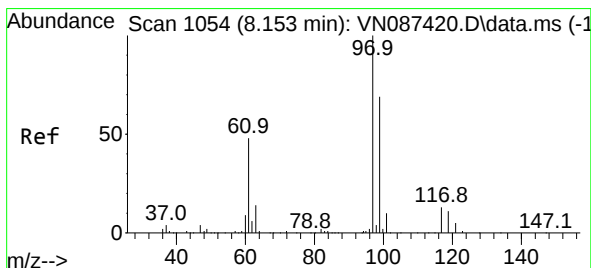
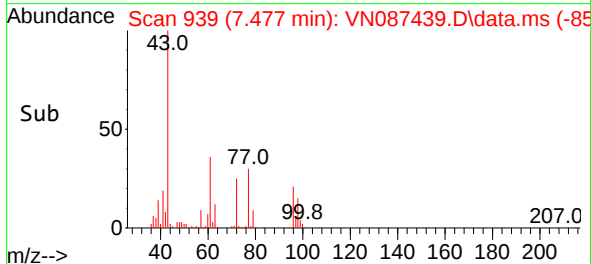
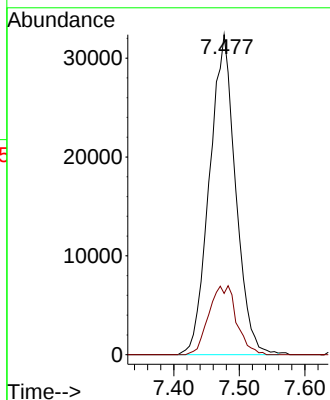
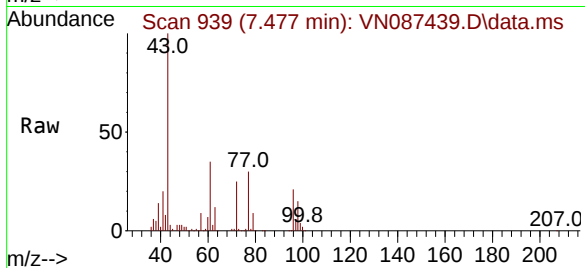
#31
2,2-Dichloropropane
Concen: 19.060 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tgt Ion: 77 Resp: 89630
Ion Ratio Lower Upper
77 100
97 13.6 19.1 28.7

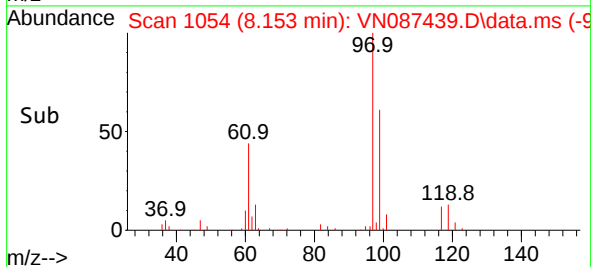
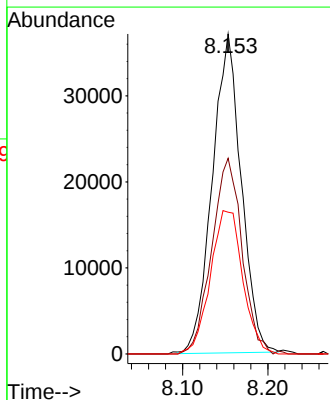
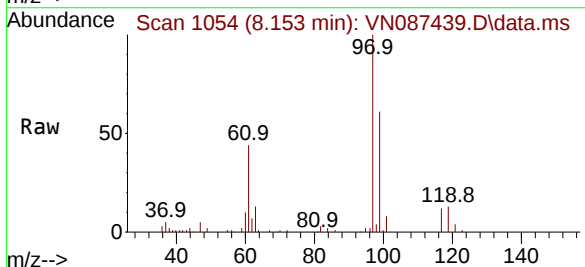
Manual Integrations
APPROVED

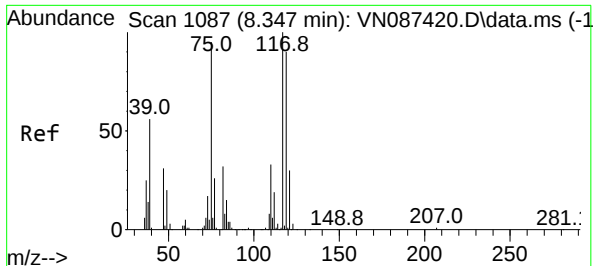
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#32
1,1,1-Trichloroethane
Concen: 19.292 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

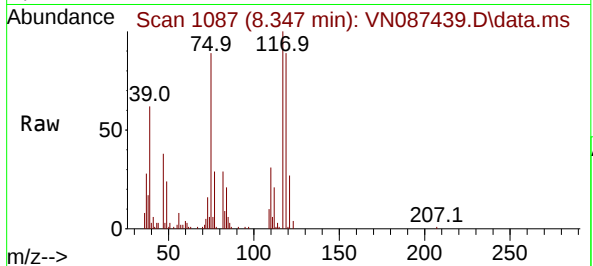
Tgt Ion: 97 Resp: 87514
Ion Ratio Lower Upper
97 100
99 64.0 52.1 78.1
61 50.3 36.3 54.5





#33
Carbon Tetrachloride
Concen: 19.208 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

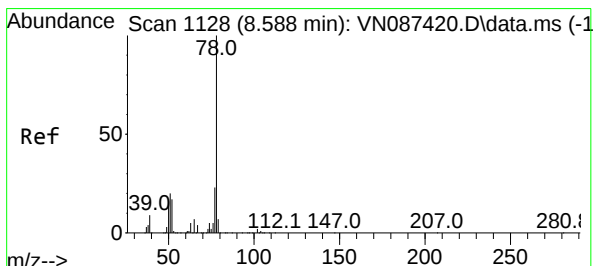
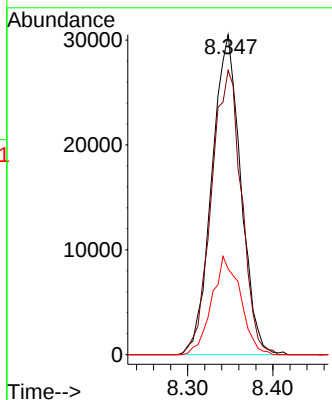
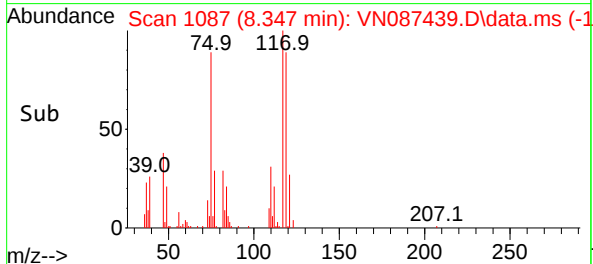
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



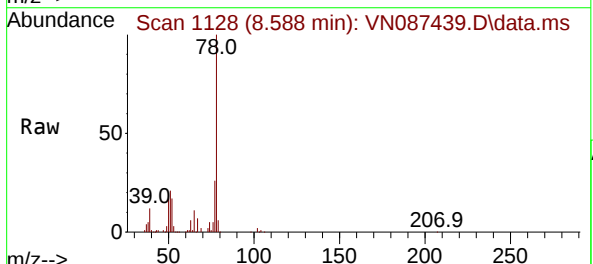
Tgt Ion: 117 Resp: 71850
Ion Ratio Lower Upper
117 100
119 88.8 71.9 107.9
121 26.8 24.4 36.6

Manual Integrations
APPROVED

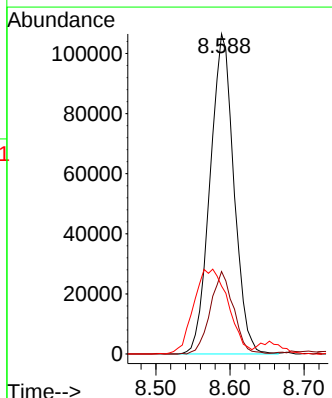
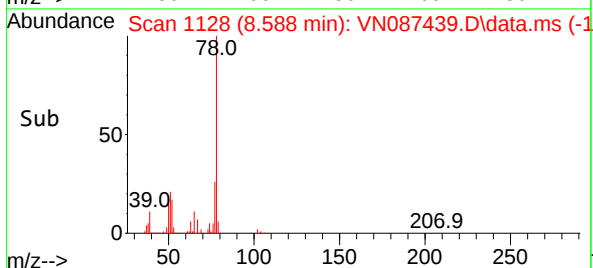
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

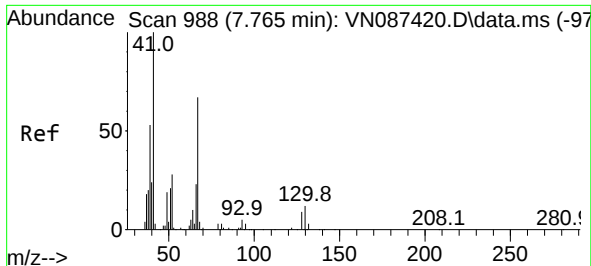


#34
Benzene
Concen: 19.247 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



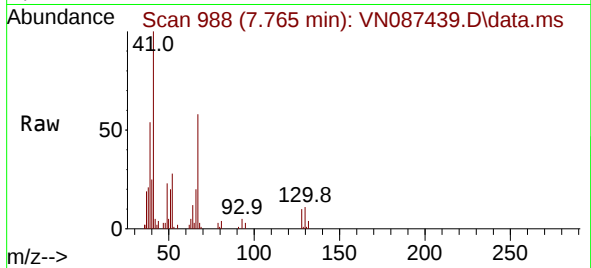
Tgt Ion: 78 Resp: 237583
Ion Ratio Lower Upper
78 100
77 25.8 18.6 28.0
51 19.4 16.3 24.5





#35
Methacrylonitrile
Concen: 20.972 ug/l
RT: 7.765 min Scan# 988
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

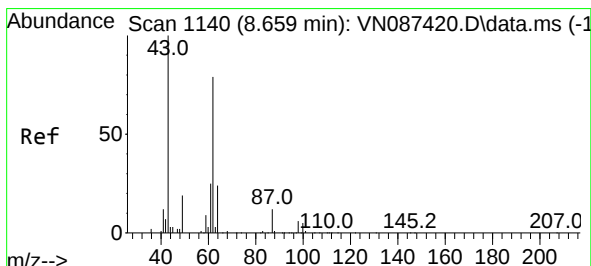
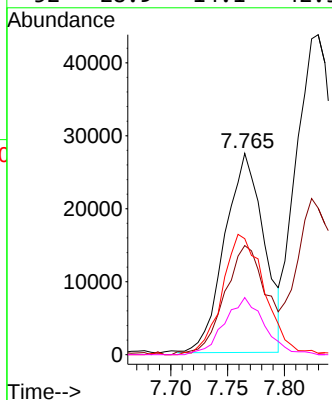
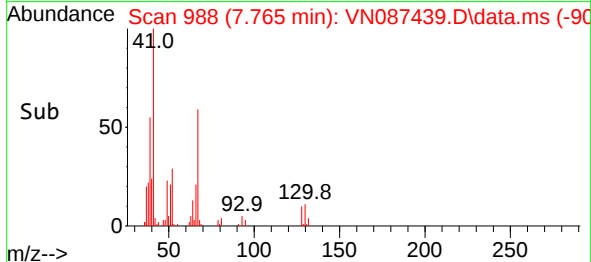
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



Tgt Ion: 41 Resp: 65689
Ion Ratio Lower Upper
41 100
39 53.6 26.7 80.1
67 58.6 33.5 100.4
52 28.9 14.1 42.3

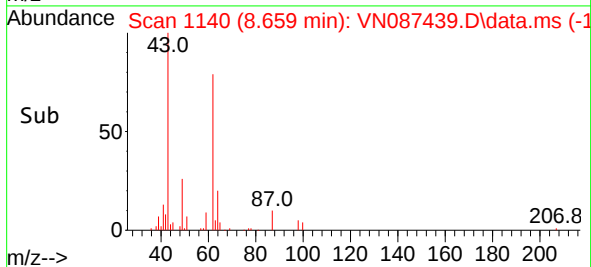
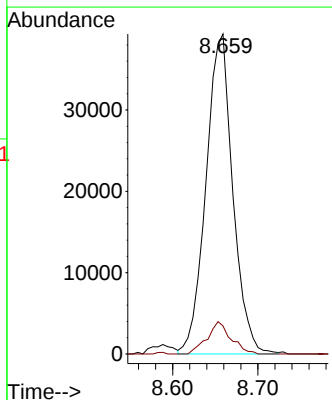
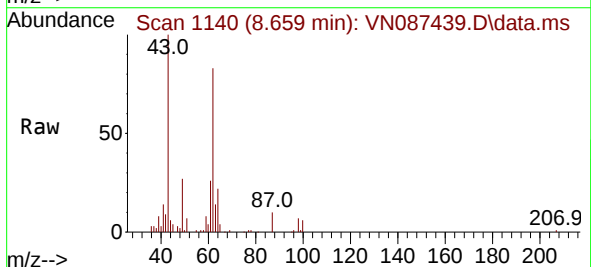
Manual Integrations
APPROVED

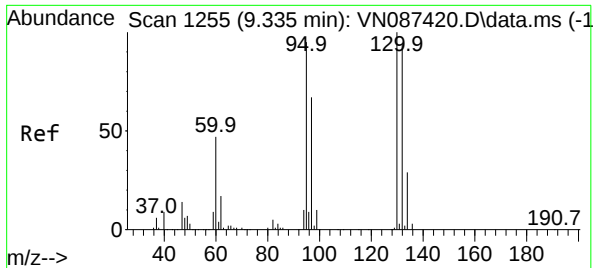
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#36
1,2-Dichloroethane
Concen: 20.972 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

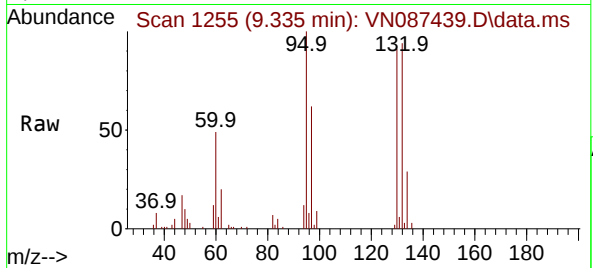
Tgt Ion: 62 Resp: 86151
Ion Ratio Lower Upper
62 100
98 8.9 0.2 0.2#





#37
Trichloroethene
Concen: 17.635 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

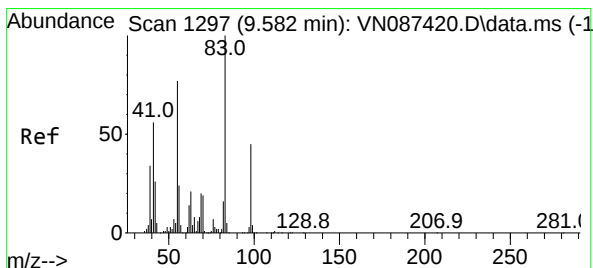
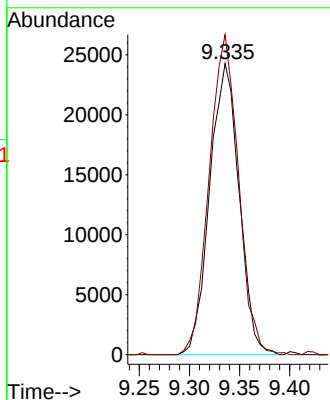
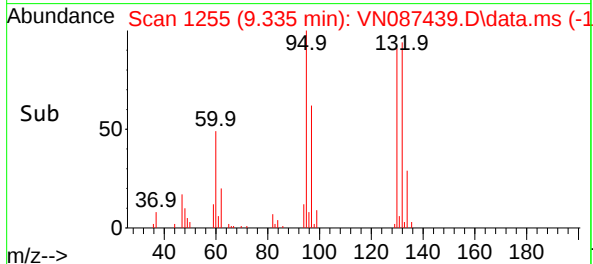
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



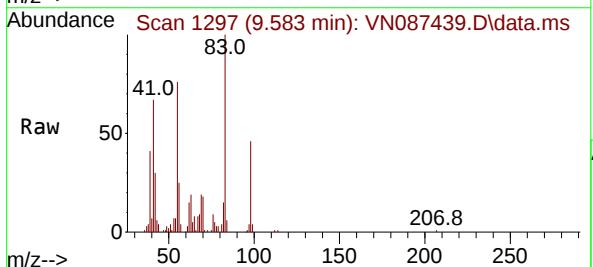
Tgt Ion:130 Resp: 49690
Ion Ratio Lower Upper
130 100
95 109.9 76.4 114.6

Manual Integrations
APPROVED

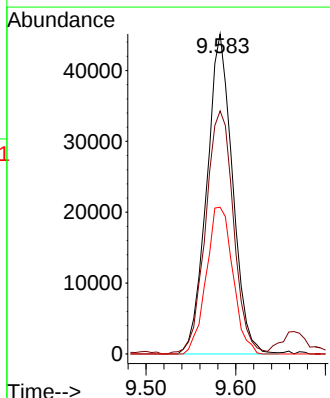
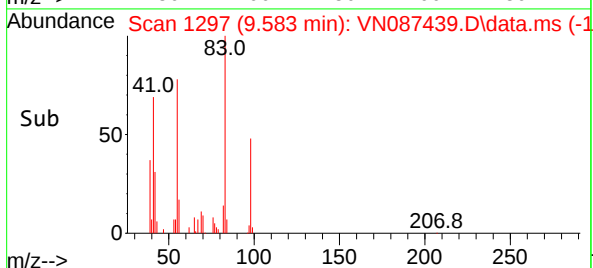
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

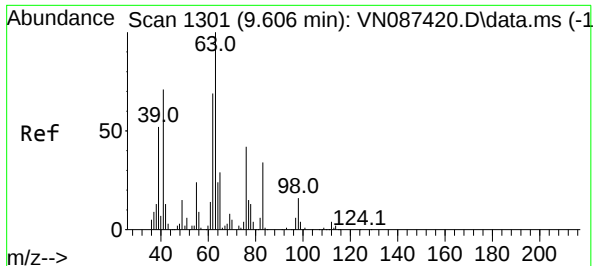


#38
Methylcyclohexane
Concen: 18.540 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



Tgt Ion: 83 Resp: 90243
Ion Ratio Lower Upper
83 100
55 82.0 39.4 118.1
98 47.2 23.6 70.8





#39

1,2-Dichloropropane

Concen: 20.364 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087439.D

Acq: 30 Jul 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tgt Ion: 63 Resp: 6328

Ion Ratio Lower Upper

63 100

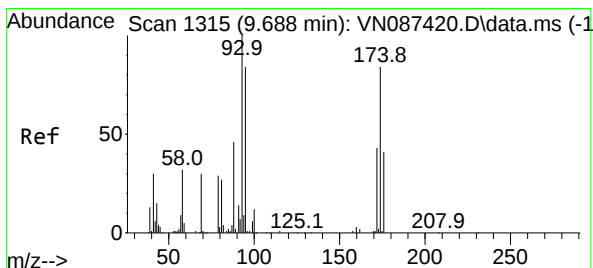
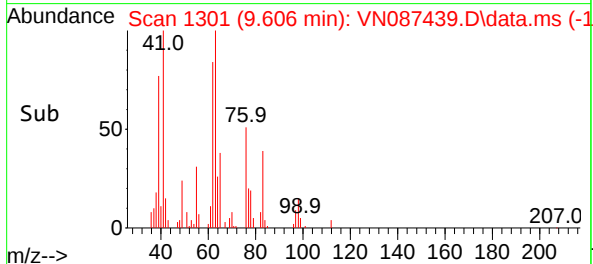
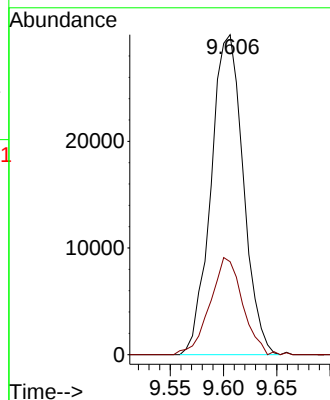
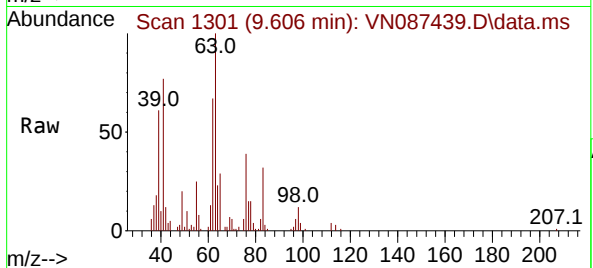
65 29.0 23.1 34.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#40

Dibromomethane

Concen: 20.601 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087439.D

Acq: 30 Jul 2025 10:47

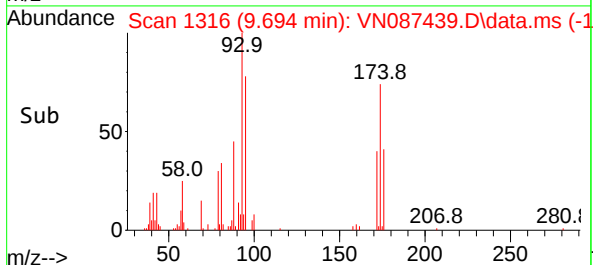
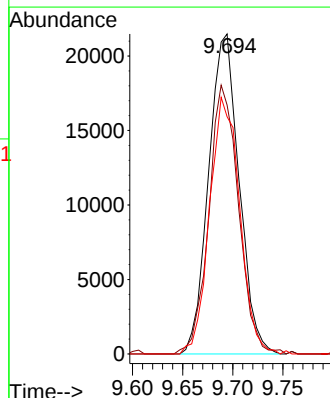
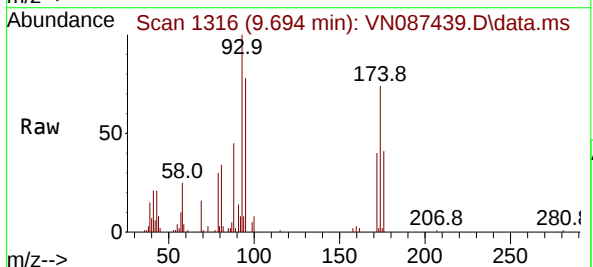
Tgt Ion: 93 Resp: 45414

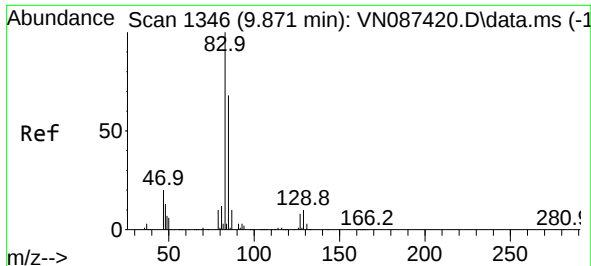
Ion Ratio Lower Upper

93 100

95 81.6 0.0 164.8

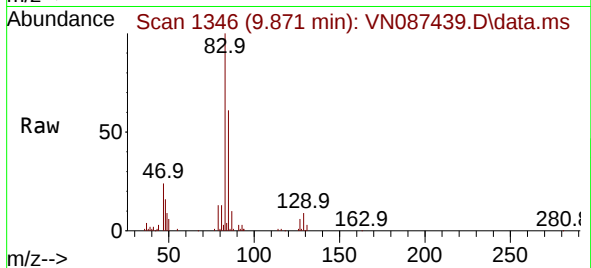
174 79.3 0.0 174.4





#41
Bromodichloromethane
Concen: 20.041 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

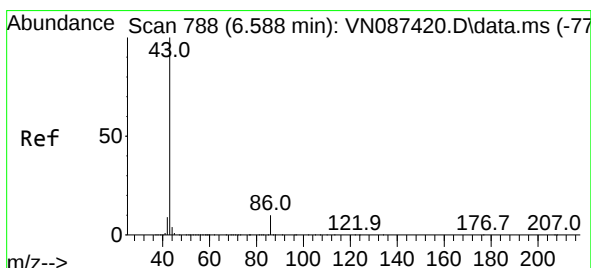
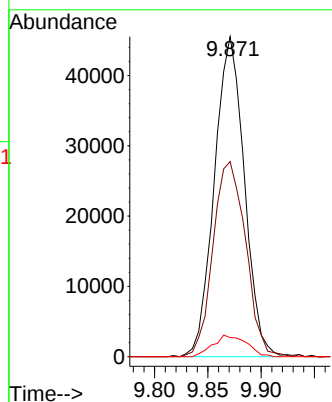
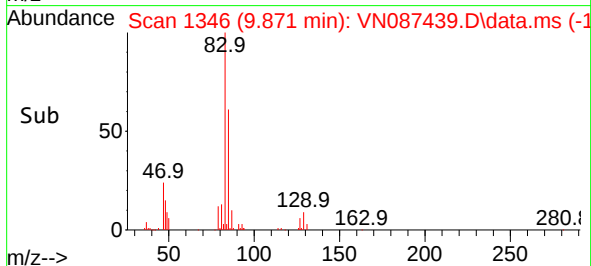
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



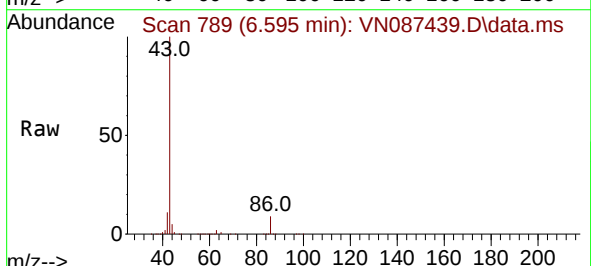
Tgt Ion: 83 Resp: 88915
Ion Ratio Lower Upper
83 100
85 60.9 54.5 81.7
127 6.6 6.6 10.0

Manual Integrations
APPROVED

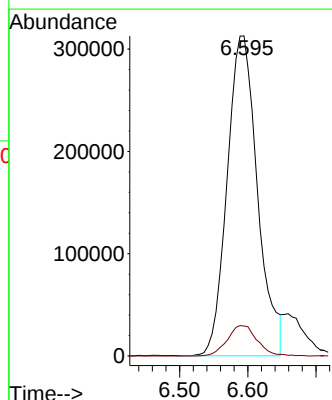
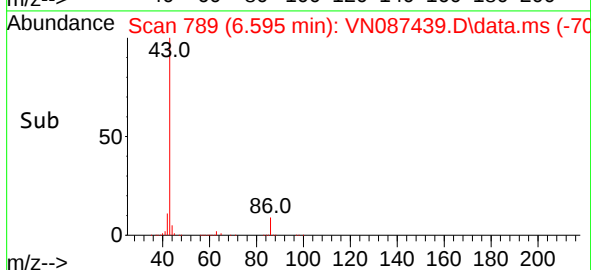
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

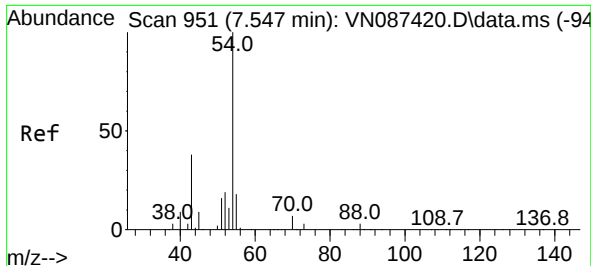


#42
Vinyl Acetate
Concen: 105.380 ug/l
RT: 6.595 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



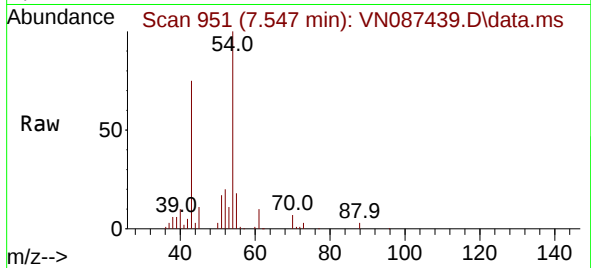
Tgt Ion: 43 Resp: 969689
Ion Ratio Lower Upper
43 100
86 9.2 7.9 11.9





#43
Ethyl Acetate
Concen: 21.033 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

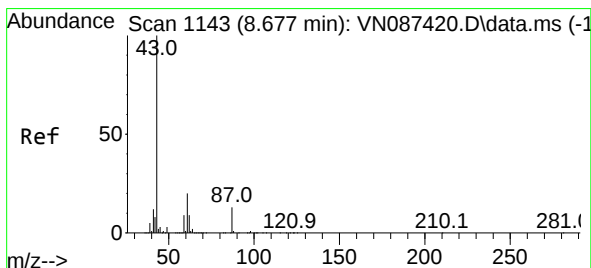
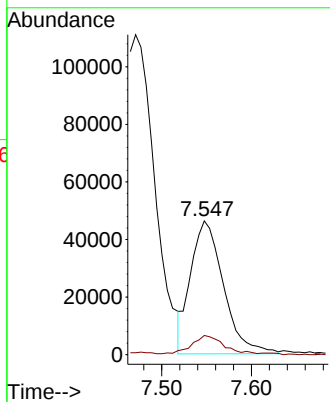
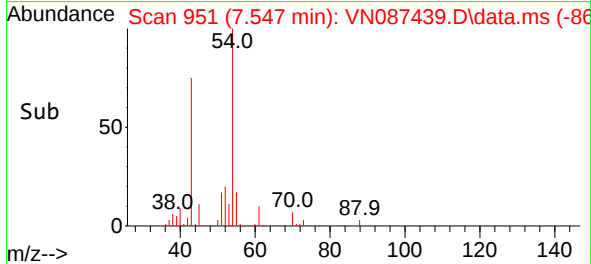
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



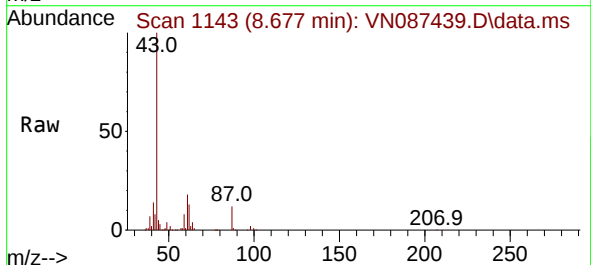
Tgt Ion: 43 Resp: 11789
Ion Ratio Lower Upper
43 100
45 13.7 1.6 2.4

Manual Integrations
APPROVED

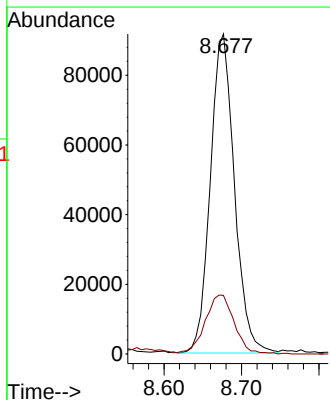
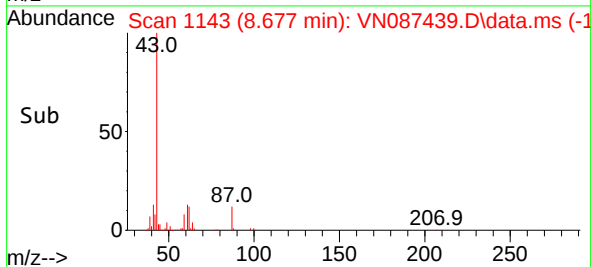
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

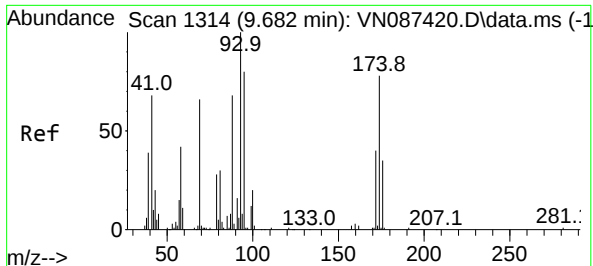


#44
Isopropyl Acetate
Concen: 22.159 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



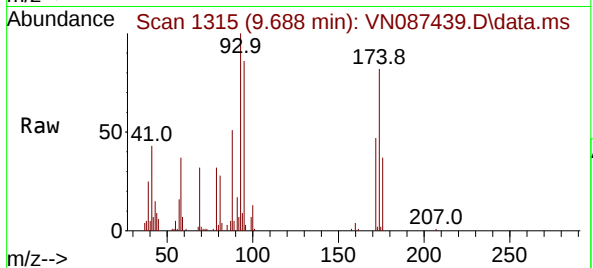
Tgt Ion: 43 Resp: 198430
Ion Ratio Lower Upper
43 100
61 22.3 20.0 30.0





#45
1,4-Dioxane
Concen: 450.443 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

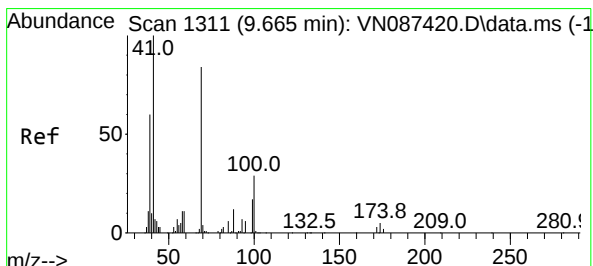
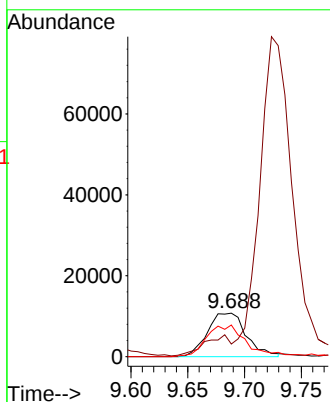
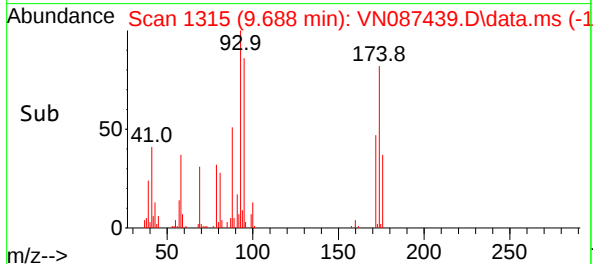
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



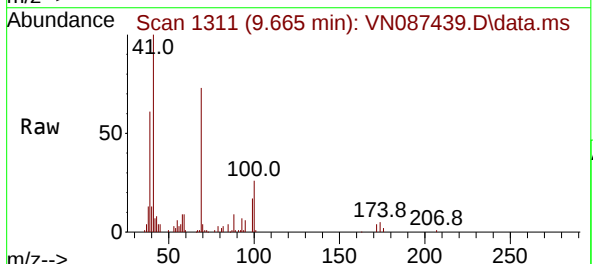
Tgt Ion: 88 Resp: 2559
Ion Ratio Lower Upper
88 100
43 3.2 22.7 34.1
58 73.9 56.2 84.4

Manual Integrations
APPROVED

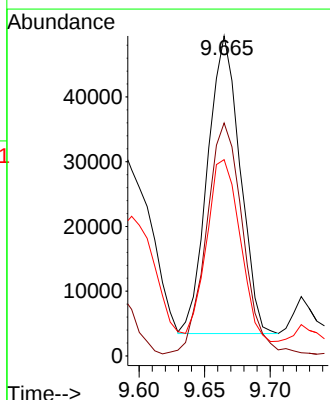
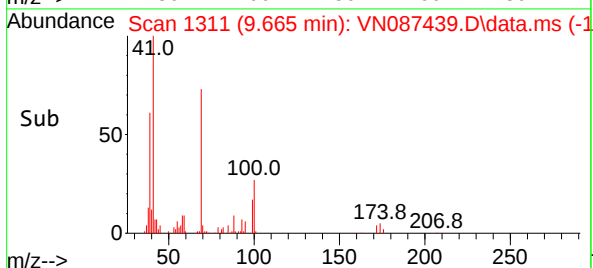
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

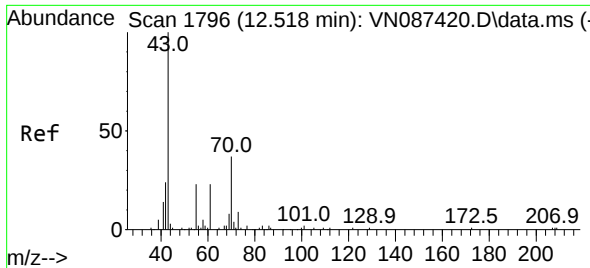


#46
Methyl methacrylate
Concen: 18.980 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



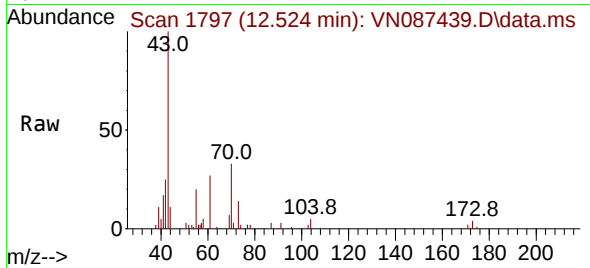
Tgt Ion: 41 Resp: 79140
Ion Ratio Lower Upper
41 100
69 76.3 41.9 125.7
39 61.0 31.1 93.5





#47
n-amy1 Acetate
Concen: 18.120 ug/l m
RT: 12.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

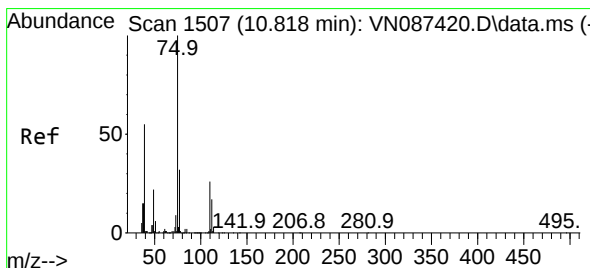
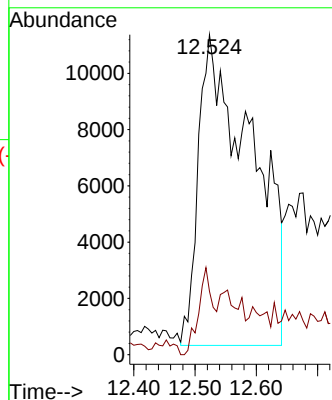
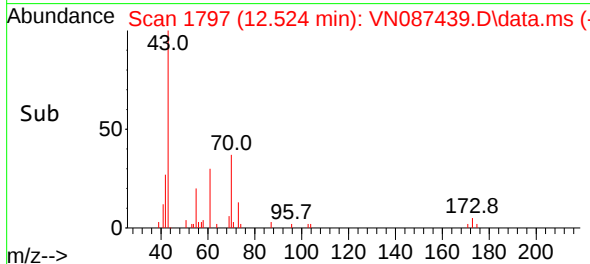
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



Tgt Ion: 43 Resp: 6689
Ion Ratio Lower Upper
43 100
55 0.5 15.0 22.6

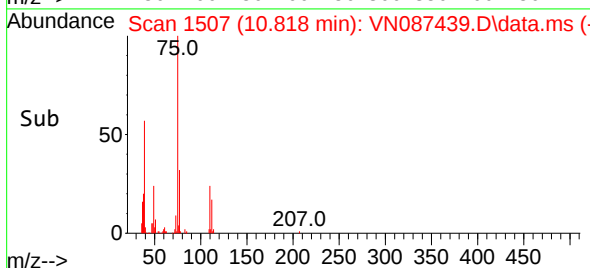
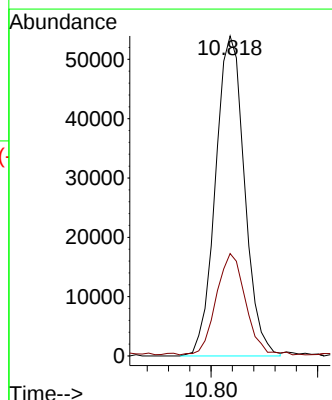
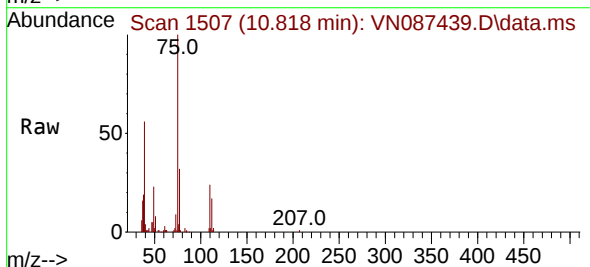
Manual Integrations
APPROVED

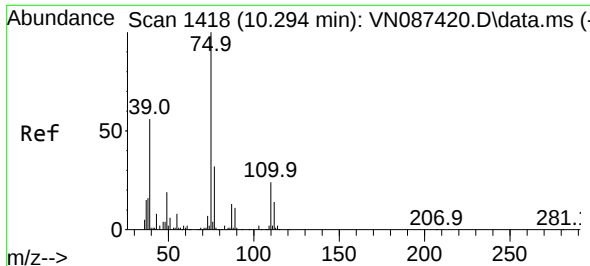
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#48
t-1,3-Dichloropropene
Concen: 20.414 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

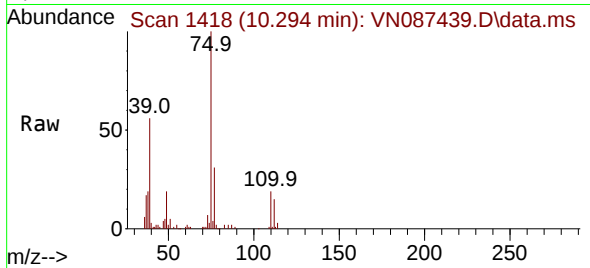
Tgt Ion: 75 Resp: 101964
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2





#49
 cis-1,3-Dichloropropene
 Concen: 19.697 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087439.D
 Acq: 30 Jul 2025 10:47

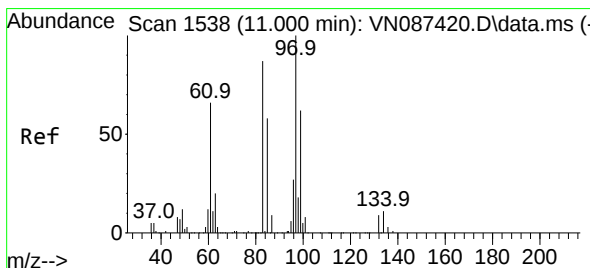
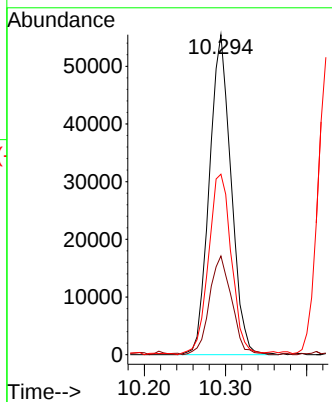
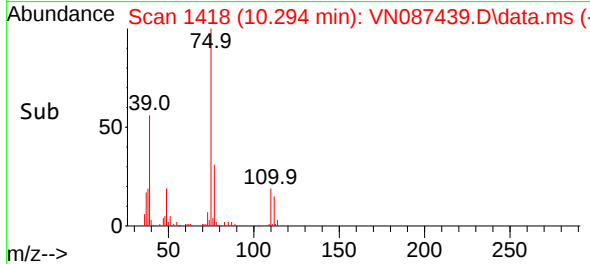
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01



Tgt Ion: 75 Resp: 10332
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.1 39.1
 39 56.4 45.0 67.4

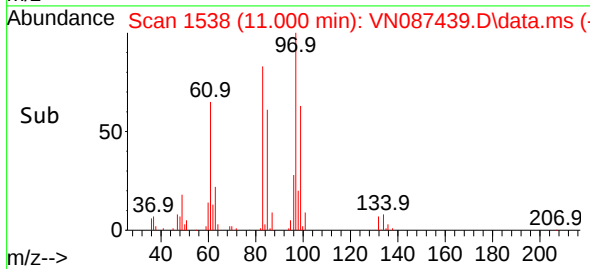
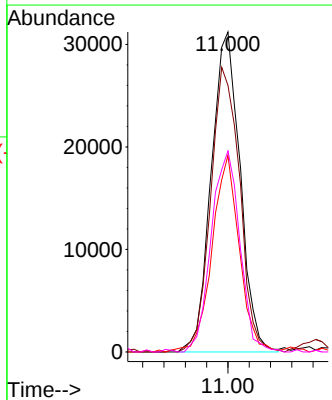
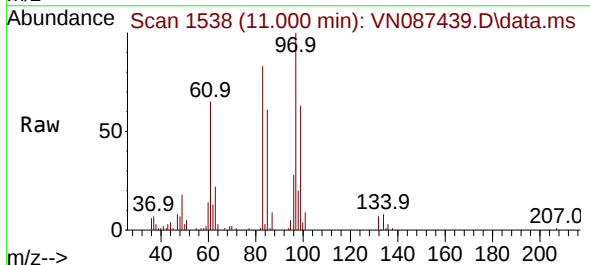
Manual Integrations
 APPROVED

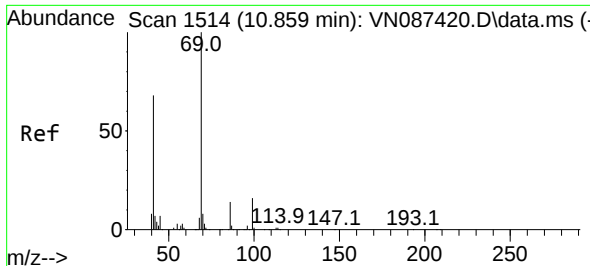
Reviewed By :John Carlone 07/31/2025
 Supervised By :Mahesh Dadoda 07/31/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.995 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.000 min
 Lab File: VN087439.D
 Acq: 30 Jul 2025 10:47

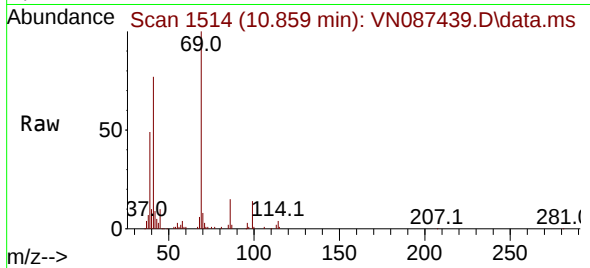
Tgt Ion: 97 Resp: 58673
 Ion Ratio Lower Upper
 97 100
 83 83.3 70.0 105.0
 85 60.9 46.2 69.2
 99 62.8 50.0 75.0





#51
Ethyl methacrylate
Concen: 19.783 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

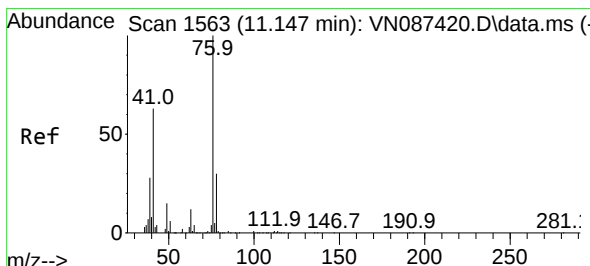
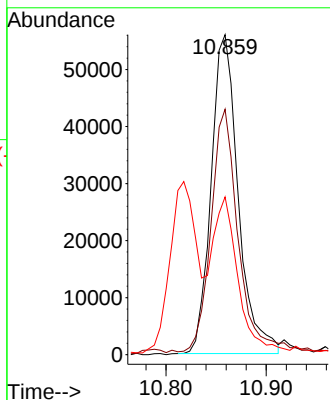
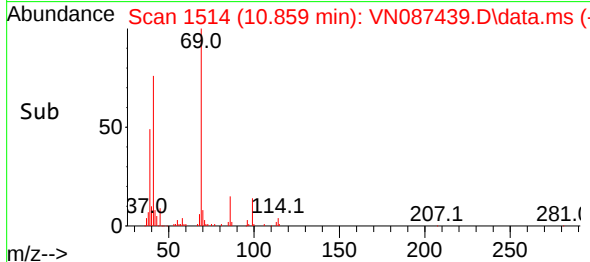
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



Tgt Ion: 69 Resp: 105129
Ion Ratio Lower Upper
69 100
41 76.1 33.9 101.6
39 47.1 20.3 60.9

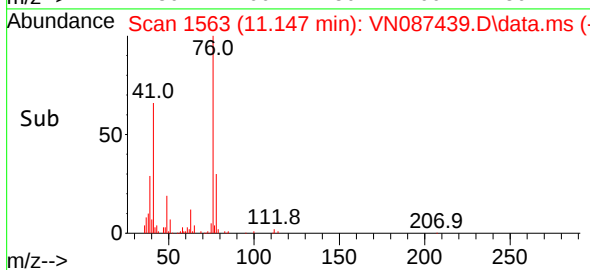
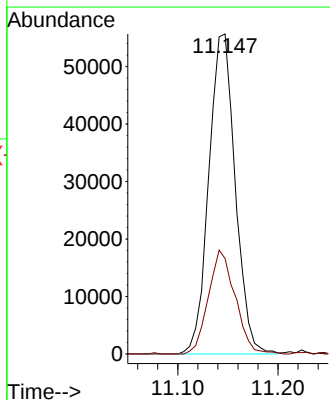
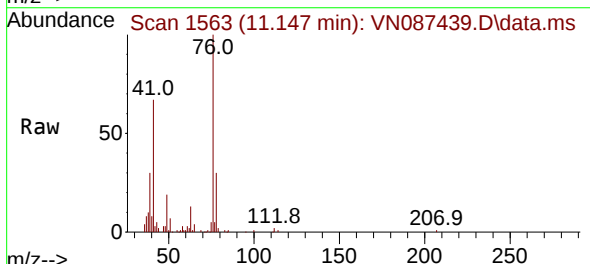
Manual Integrations
APPROVED

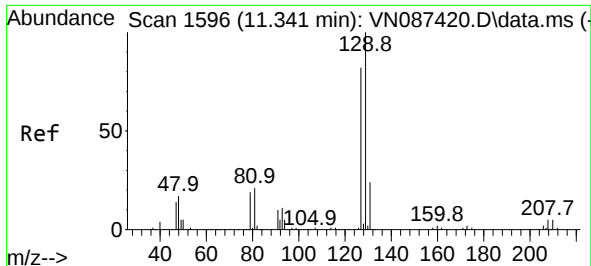
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#52
1,3-Dichloropropane
Concen: 20.099 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

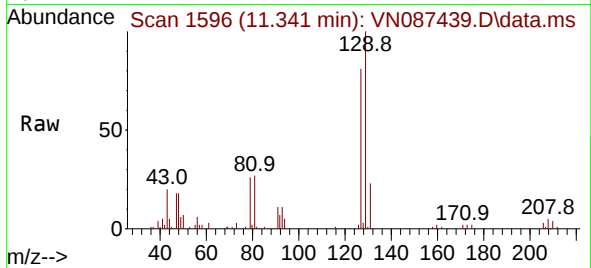
Tgt Ion: 76 Resp: 101932
Ion Ratio Lower Upper
76 100
78 32.9 0.0 67.4





#53
Dibromochloromethane
Concen: 19.539 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

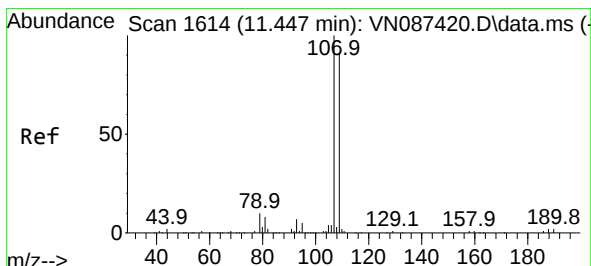
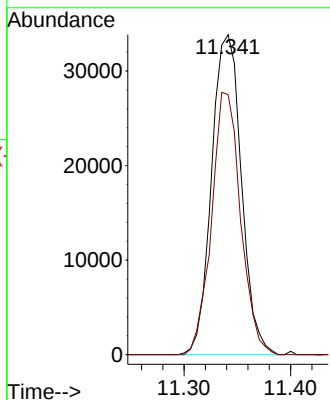
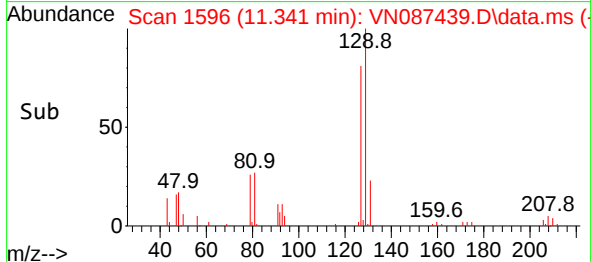
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



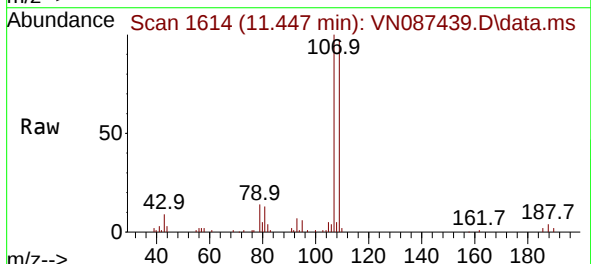
Tgt Ion:129 Resp: 6576
Ion Ratio Lower Upper
129 100
127 79.7 39.5 118.3

Manual Integrations
APPROVED

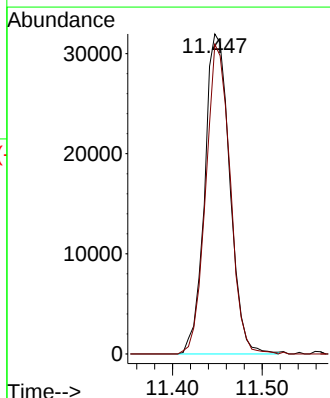
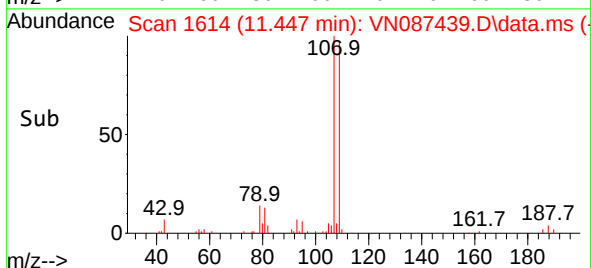
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

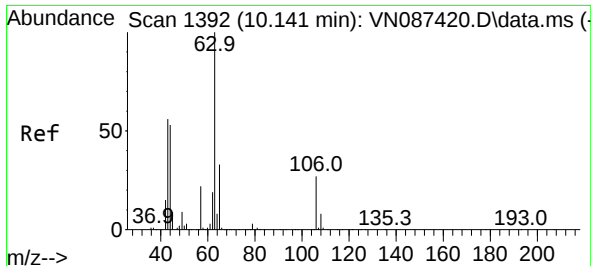


#54
1,2-Dibromoethane
Concen: 20.077 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



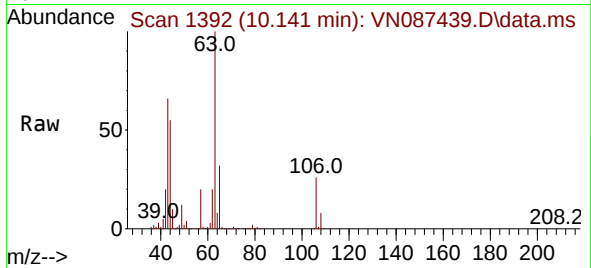
Tgt Ion:107 Resp: 61989
Ion Ratio Lower Upper
107 100
109 93.8 73.9 110.9





#55
2-Chloroethyl vinyl ether
Concen: 142.593 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

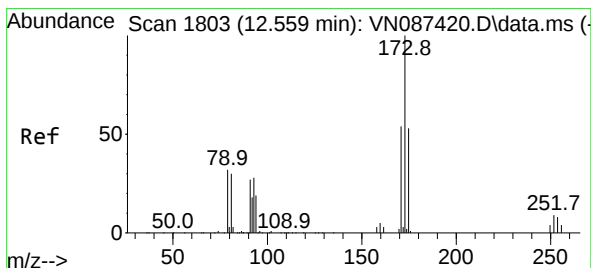
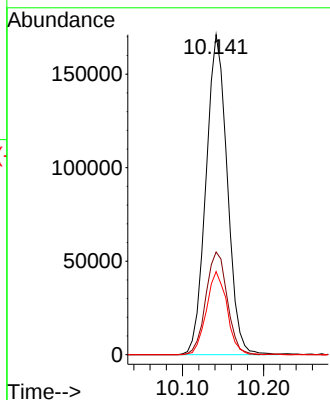
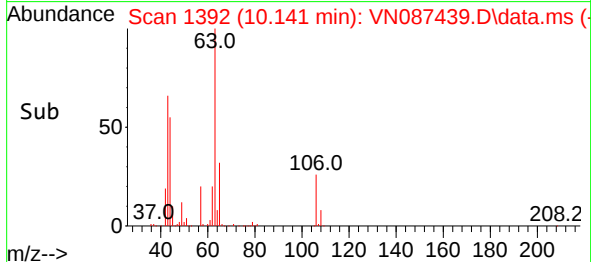
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



Tgt Ion: 63 Resp: 31155
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.2
106 25.0 21.3 31.9

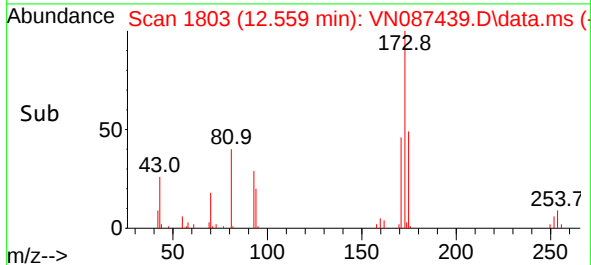
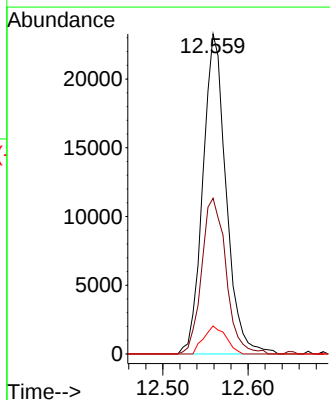
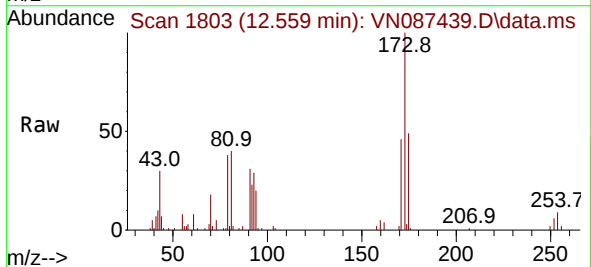
Manual Integrations
APPROVED

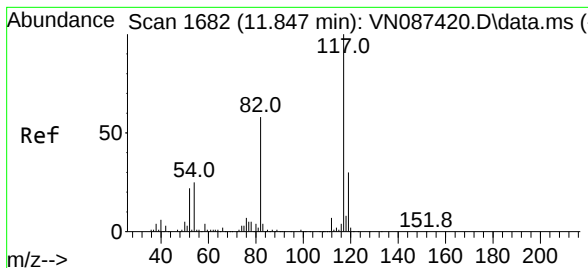
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#56
Bromoform
Concen: 18.714 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

Tgt Ion:173 Resp: 44202
Ion Ratio Lower Upper
173 100
175 50.7 38.4 57.6
254 8.4 6.4 9.6





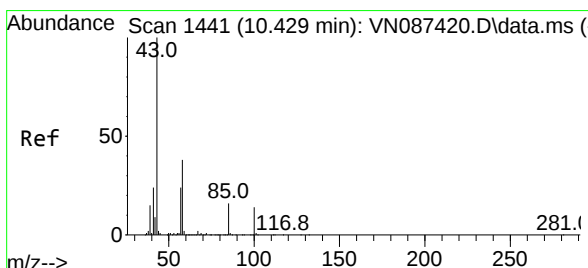
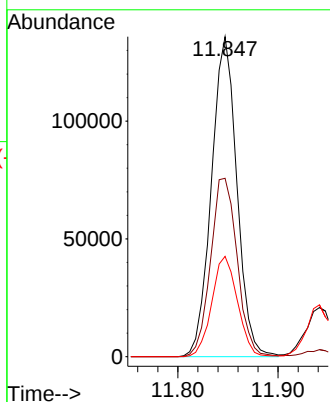
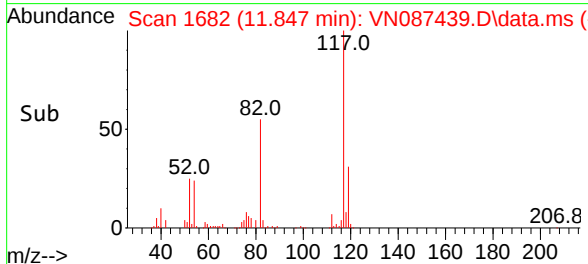
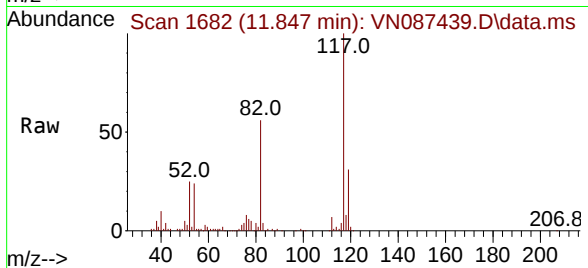
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tgt Ion:117 Resp: 239728
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 31.7 25.7 38.5

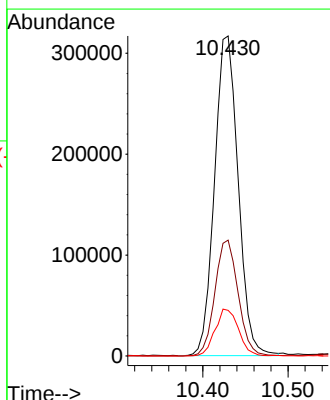
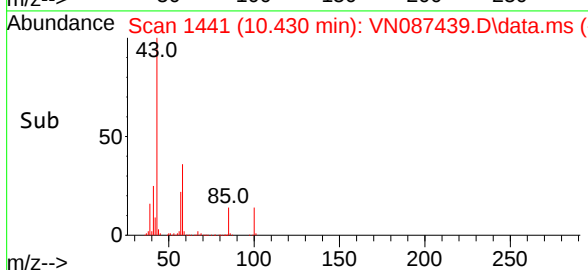
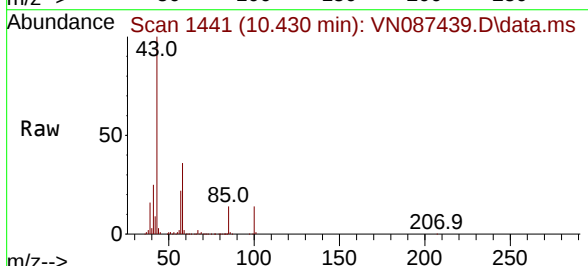
Manual Integrations
APPROVED

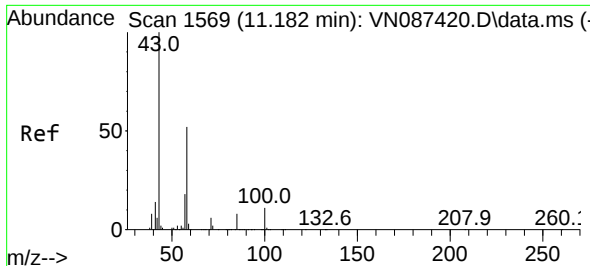
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#58
4-Methyl-2-Pentanone
Concen: 112.962 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

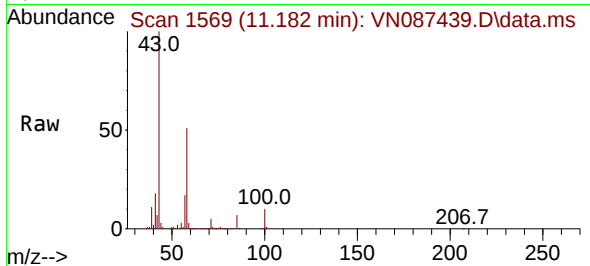
Tgt Ion: 43 Resp: 609969
Ion Ratio Lower Upper
43 100
58 35.7 29.9 44.9
85 14.6 12.8 19.2





#59
2-Hexanone
Concen: 106.172 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

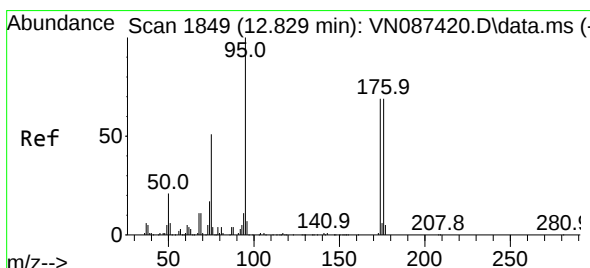
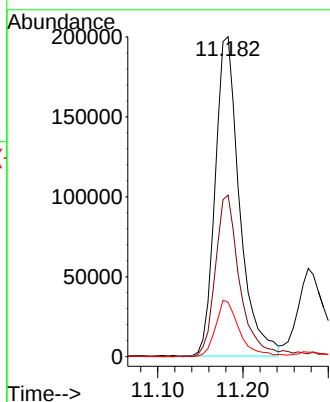
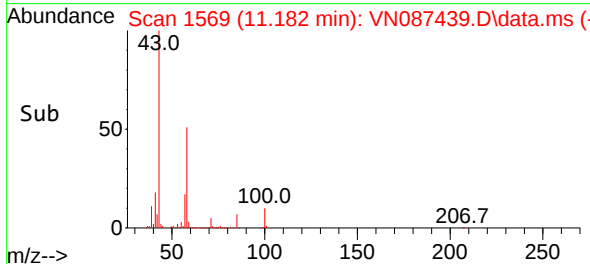
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



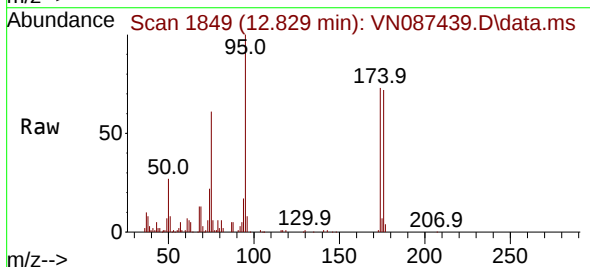
Tgt Ion: 43 Resp: 397300
Ion Ratio Lower Upper
43 100
58 50.1 42.2 63.2
57 17.1 14.3 21.5

Manual Integrations
APPROVED

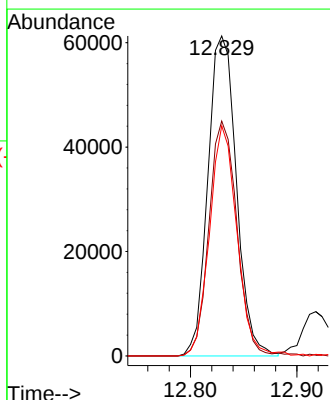
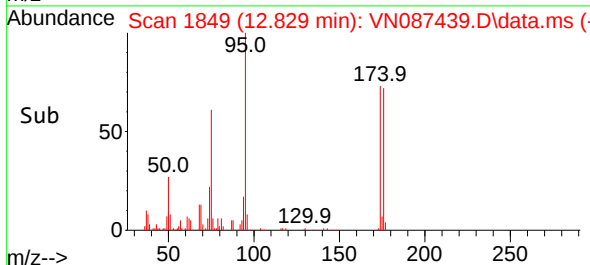
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

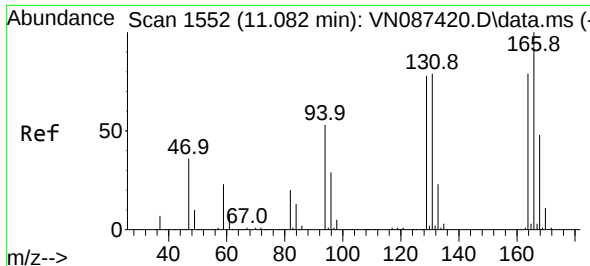


#60
4-Bromofluorobenzene
Concen: 28.936 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



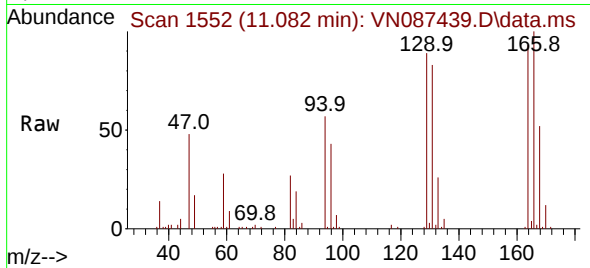
Tgt Ion: 95 Resp: 113912
Ion Ratio Lower Upper
95 100
174 71.3 57.8 86.8
176 68.6 54.9 82.3





#61
Tetrachloroethene
Concen: 18.533 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

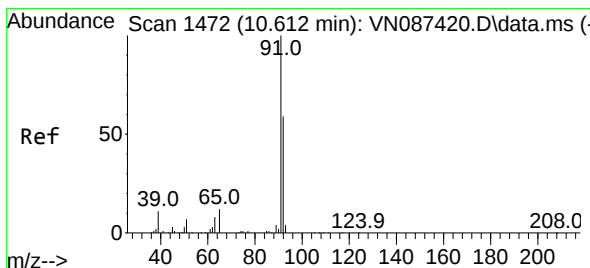
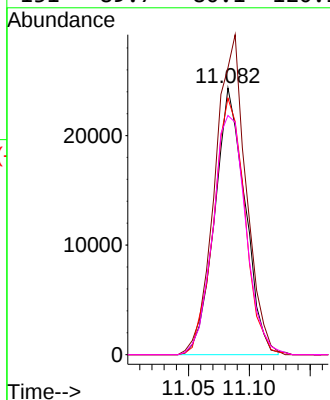
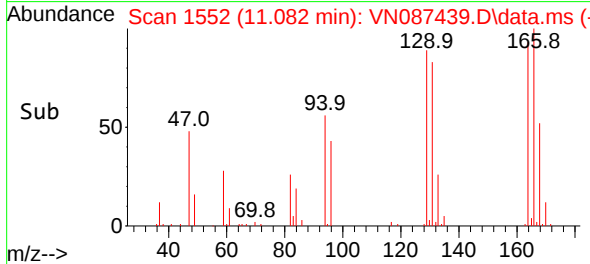
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



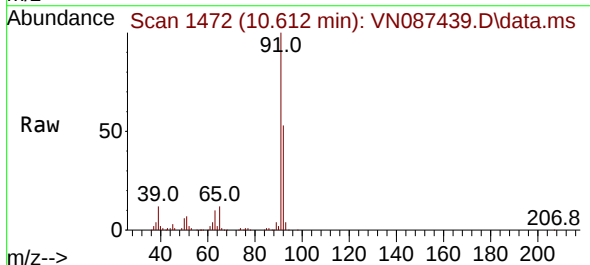
Tgt Ion:164 Resp: 4218
Ion Ratio Lower Upper
164 100
166 107.5 101.8 152.8
129 96.2 79.8 119.8
131 89.7 80.1 120.1

Manual Integrations
APPROVED

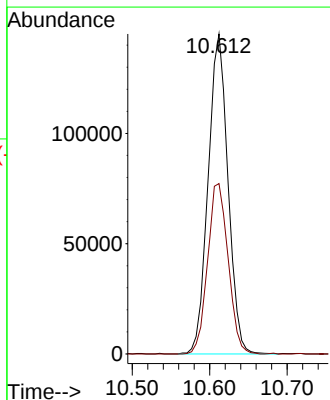
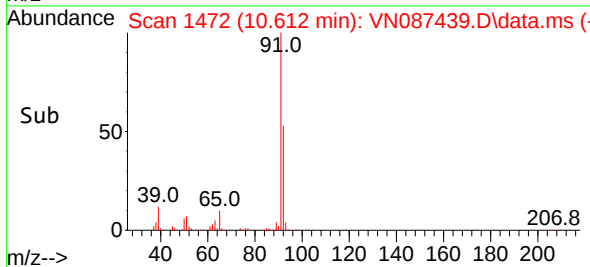
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

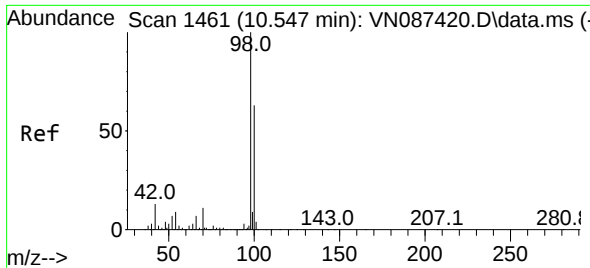


#62
Toluene
Concen: 19.093 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



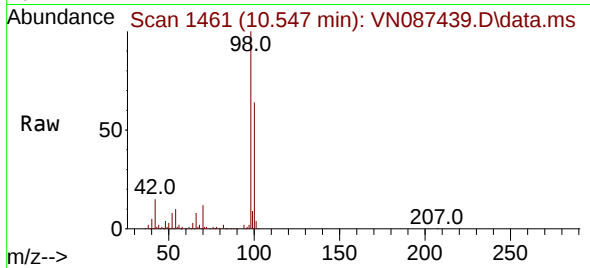
Tgt Ion: 91 Resp: 258316
Ion Ratio Lower Upper
91 100
92 55.1 45.6 68.4





#63
Toluene-d8
Concen: 30.115 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

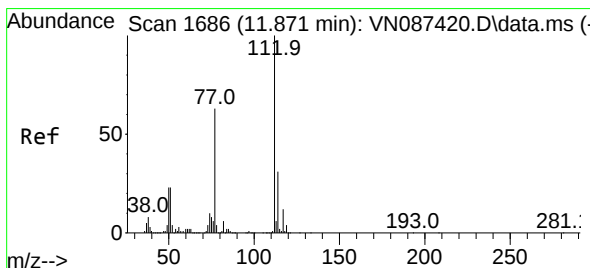
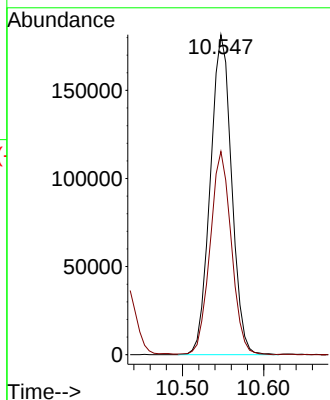
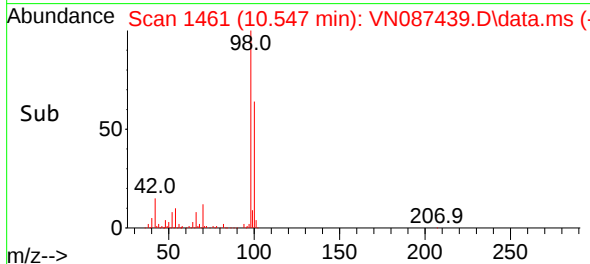
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



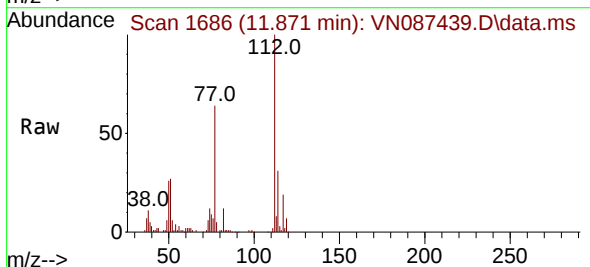
Tgt Ion: 98 Resp: 331544
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1

Manual Integrations
APPROVED

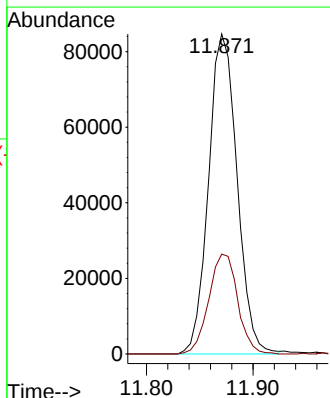
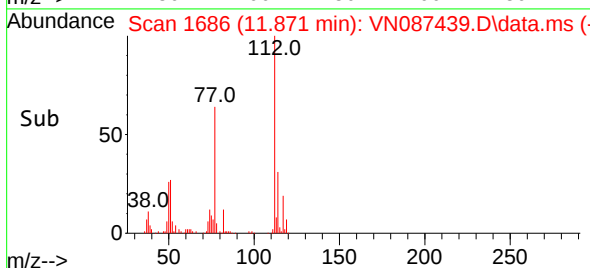
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

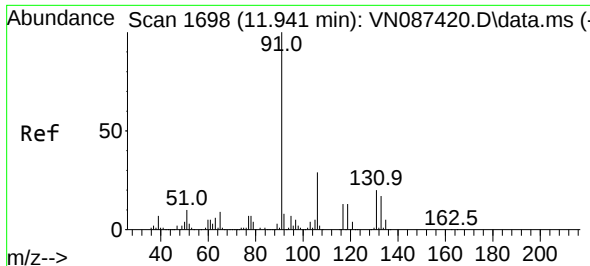


#64
Chlorobenzene
Concen: 18.947 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



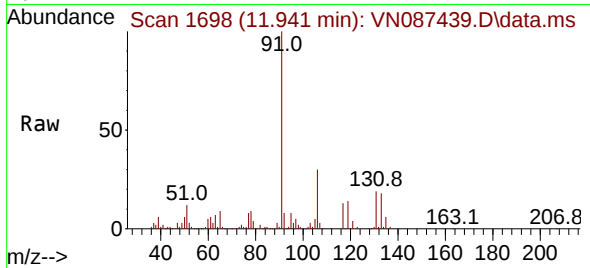
Tgt Ion:112 Resp: 157644
Ion Ratio Lower Upper
112 100
114 31.2 25.2 37.8





#65
1,1,1,2-Tetrachloroethane
Concen: 19.490 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

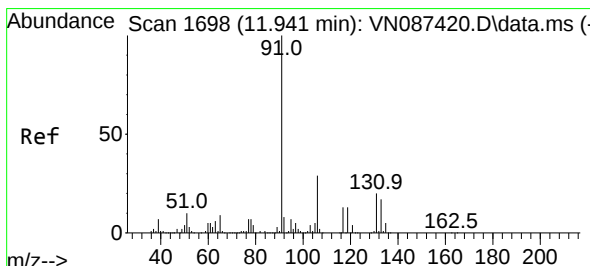
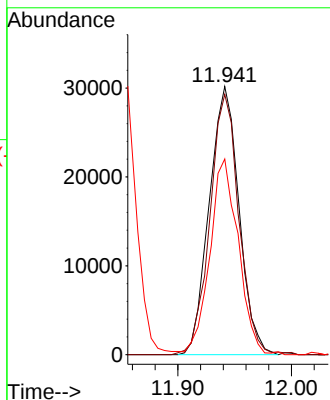
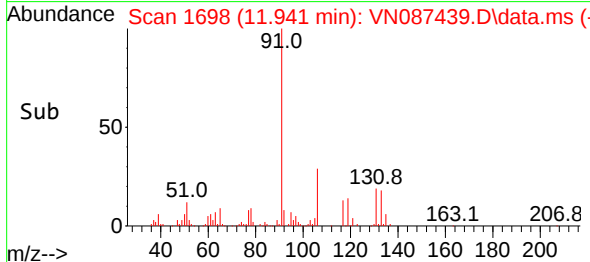
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



Tgt Ion:131 Resp: 54980
Ion Ratio Lower Upper
131 100
133 94.6 0.0 184.2
119 69.5 0.0 136.4

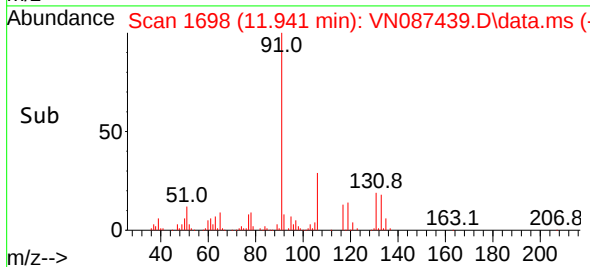
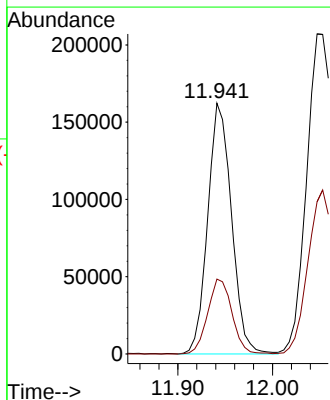
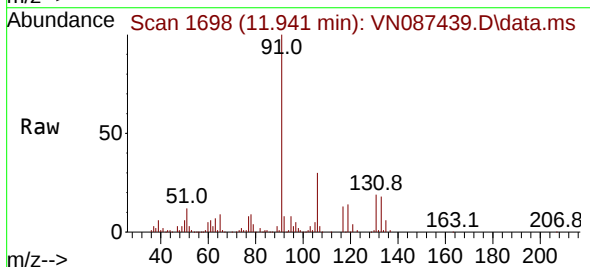
Manual Integrations
APPROVED

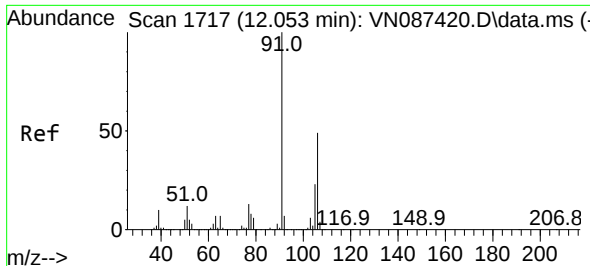
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#66
Ethyl Benzene
Concen: 19.183 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

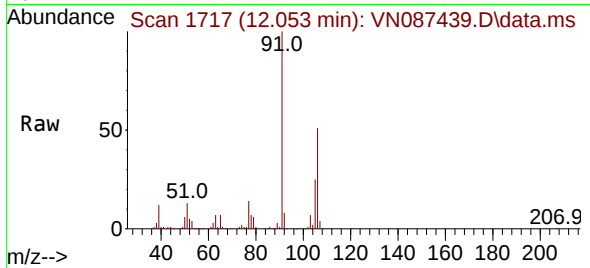
Tgt Ion: 91 Resp: 283554
Ion Ratio Lower Upper
91 100
106 29.9 23.6 35.4





#67
m/p-Xylenes
Concen: 37.976 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

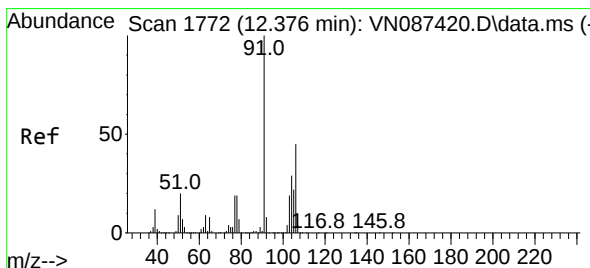
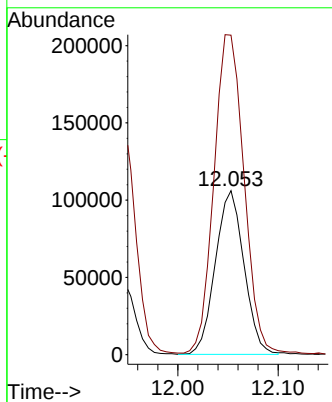
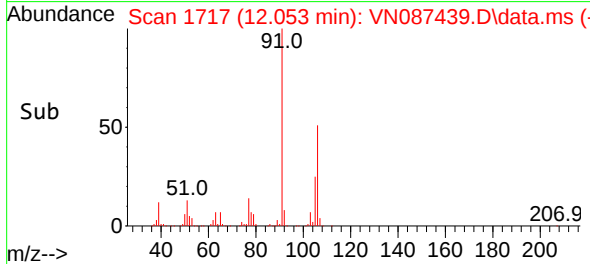
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



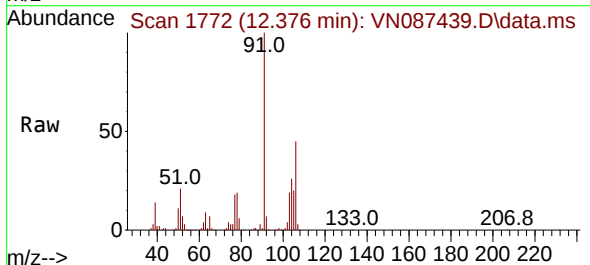
Tgt Ion:106 Resp: 21033
Ion Ratio Lower Upper
106 100
91 205.7 165.4 248.2

Manual Integrations
APPROVED

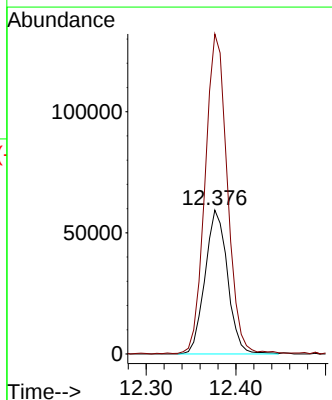
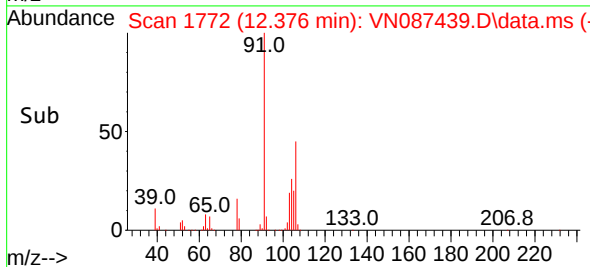
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

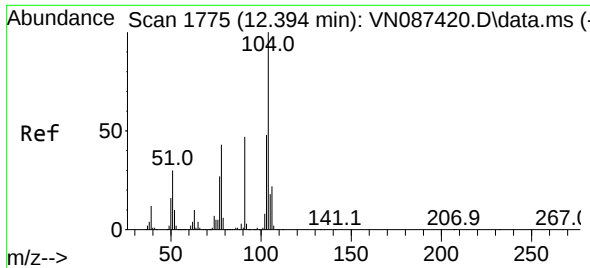


#68
o-Xylene
Concen: 19.082 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



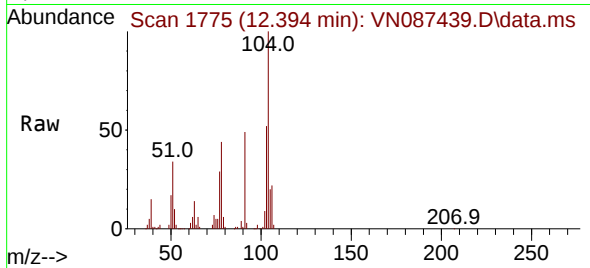
Tgt Ion:106 Resp: 103426
Ion Ratio Lower Upper
106 100
91 217.7 106.9 320.8





#69
Styrene
Concen: 18.703 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

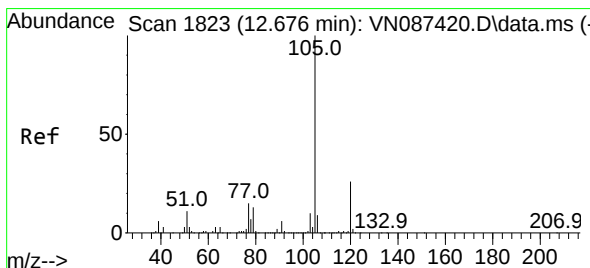
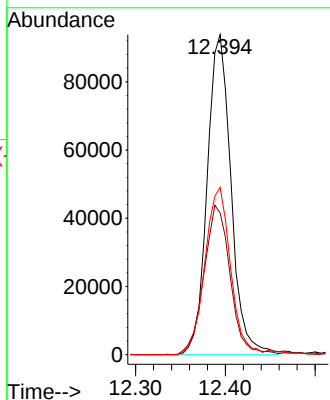
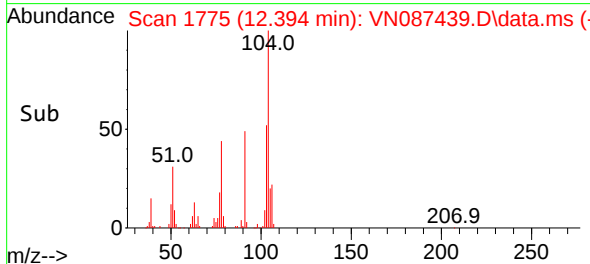
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



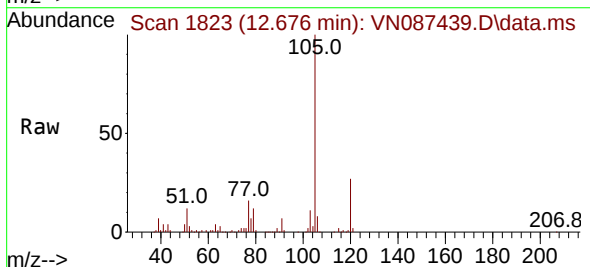
Tgt Ion:104 Resp: 173392
Ion Ratio Lower Upper
104 100
78 51.2 40.6 60.8
103 56.1 43.8 65.8

Manual Integrations
APPROVED

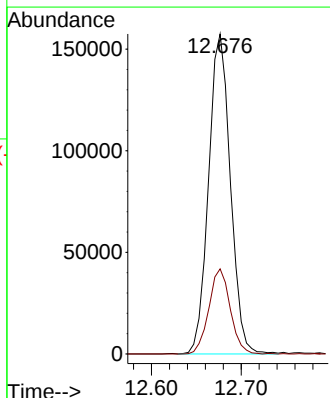
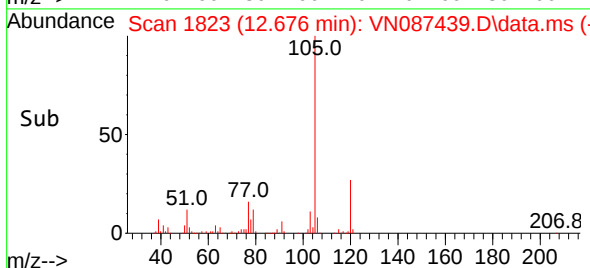
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

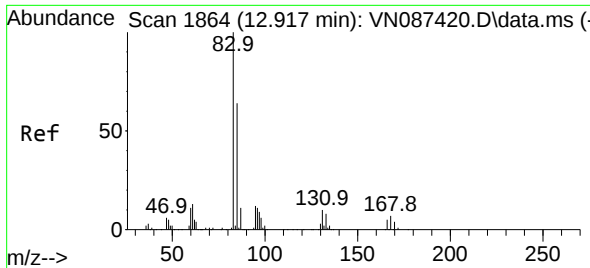


#70
Isopropylbenzene
Concen: 19.088 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



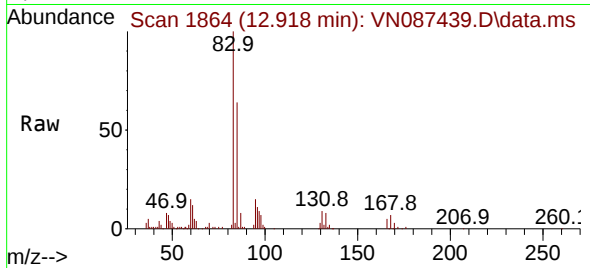
Tgt Ion:105 Resp: 265686
Ion Ratio Lower Upper
105 100
120 26.0 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 20.540 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

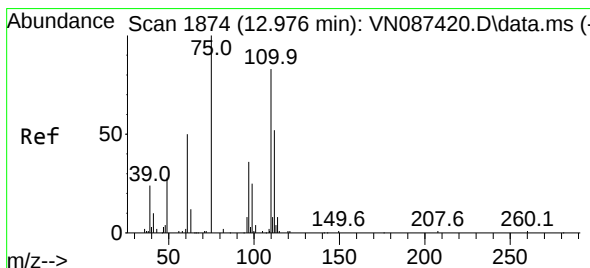
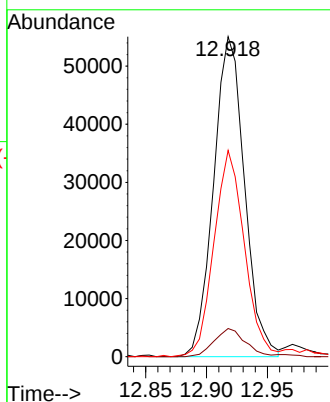
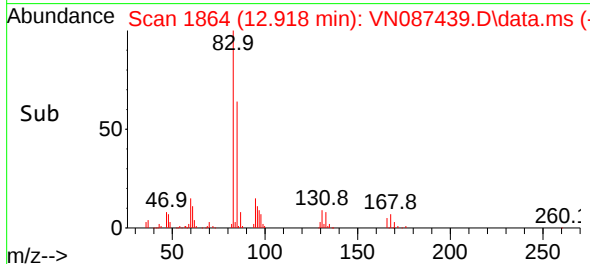
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



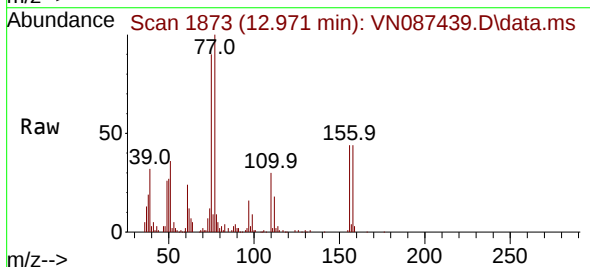
Tgt Ion: 83 Resp: 97480
Ion Ratio Lower Upper
83 100
131 8.8 5.0 14.9
85 63.3 32.7 98.1

Manual Integrations
APPROVED

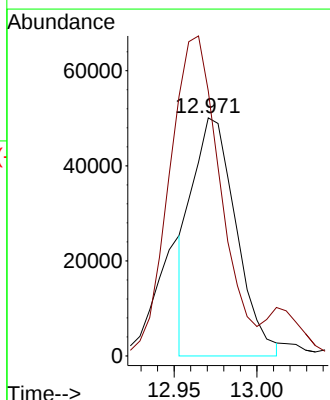
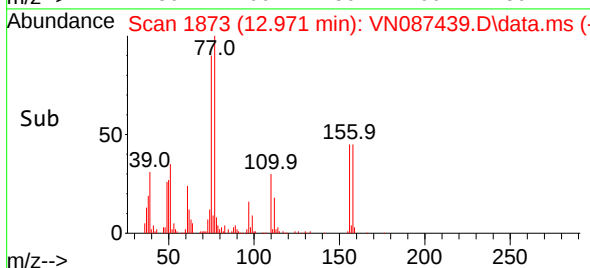
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

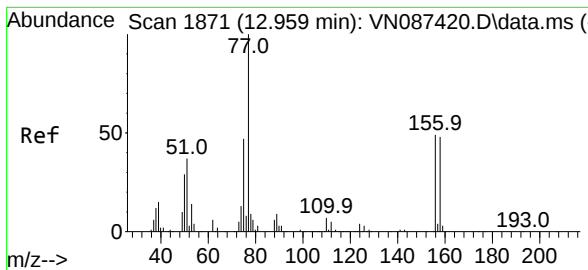


#72
1,2,3-Trichloropropane
Concen: 21.587 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



Tgt Ion: 75 Resp: 93198
Ion Ratio Lower Upper
75 100
77 153.7 0.0 322.6





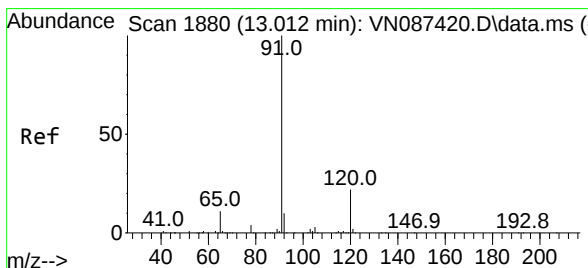
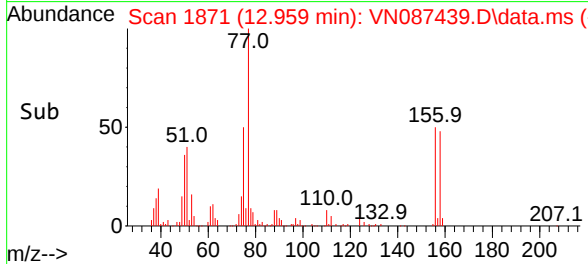
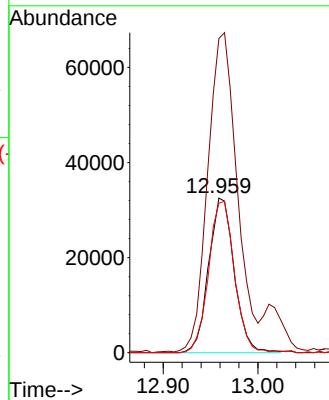
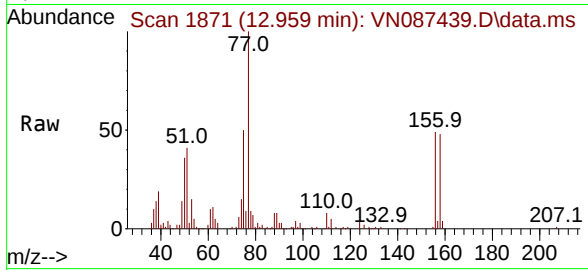
#73
Bromobenzene
Concen: 18.897 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tgt Ion:156 Resp: 6111
Ion Ratio Lower Upper
156 100
77 234.4 0.0 483.0
158 98.2 0.0 195.0

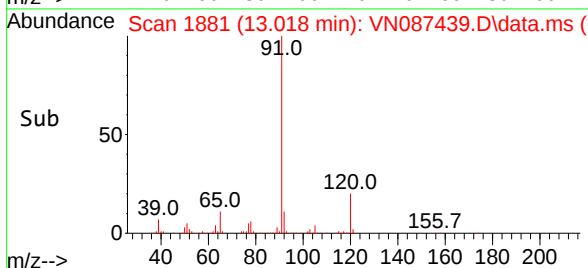
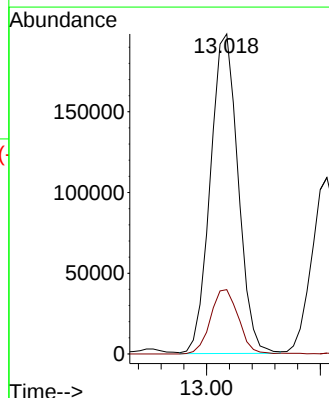
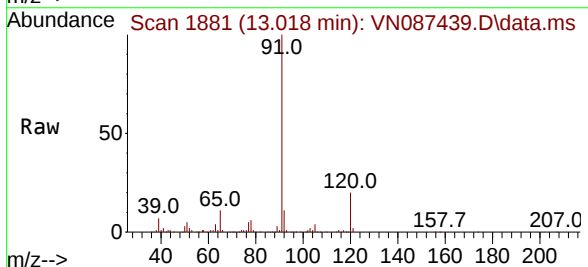
Manual Integrations
APPROVED

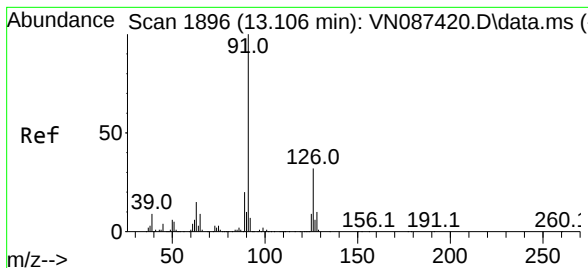
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#74
n-propylbenzene
Concen: 19.588 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

Tgt Ion: 91 Resp: 336624
Ion Ratio Lower Upper
91 100
120 20.2 0.0 44.0





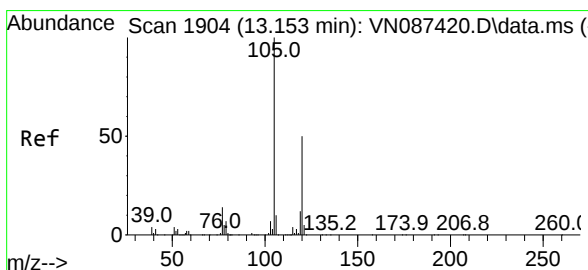
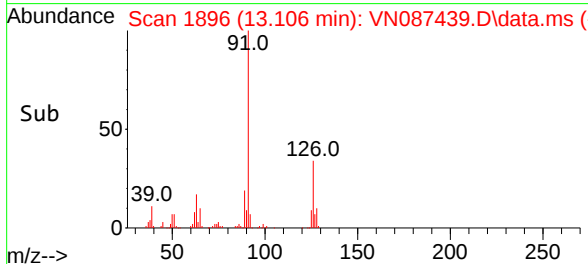
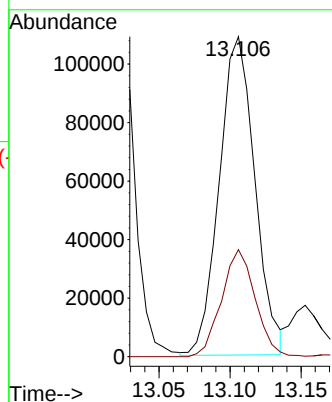
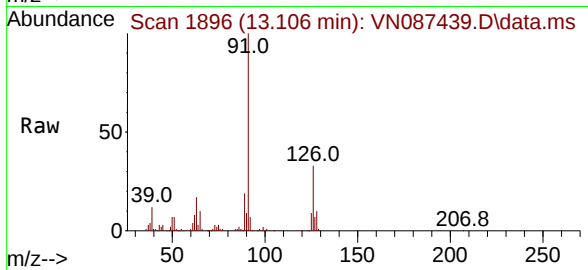
#75
2-Chlorotoluene
Concen: 18.620 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tgt Ion: 91 Resp: 18990
Ion Ratio Lower Upper
91 100
126 31.8 0.0 64.4

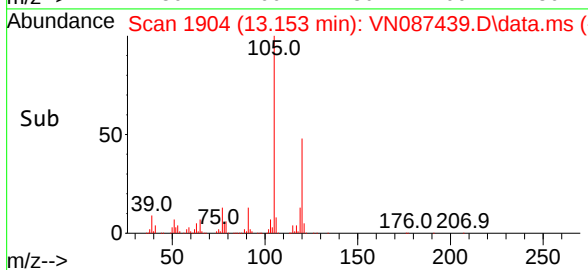
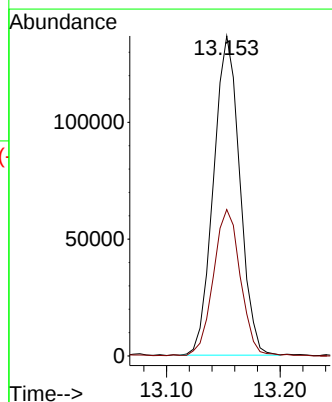
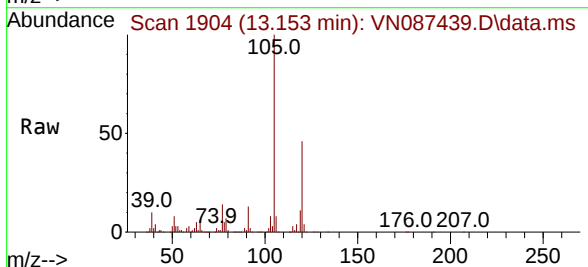
Manual Integrations
APPROVED

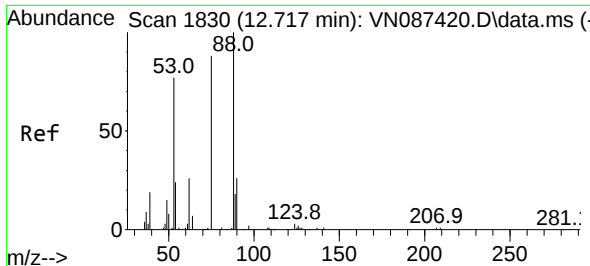
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.022 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

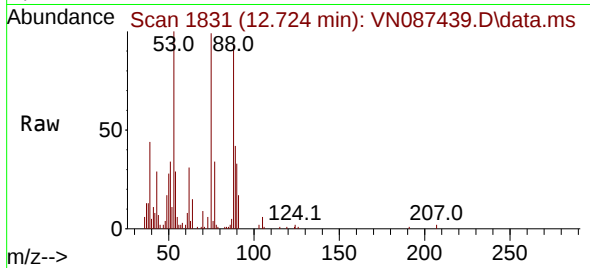
Tgt Ion:105 Resp: 219347
Ion Ratio Lower Upper
105 100
120 47.4 0.0 97.0





#77
t-1,4-Dichloro-2-butene
Concen: 17.132 ug/l
RT: 12.724 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

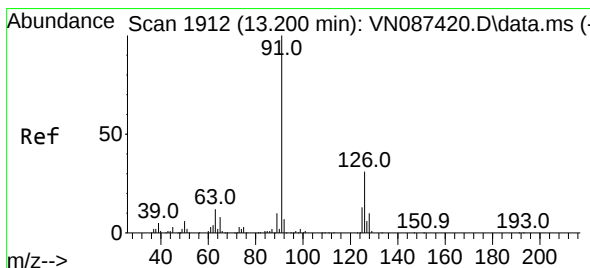
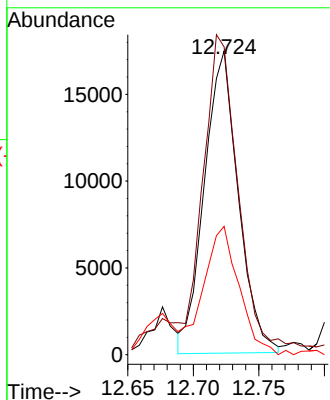
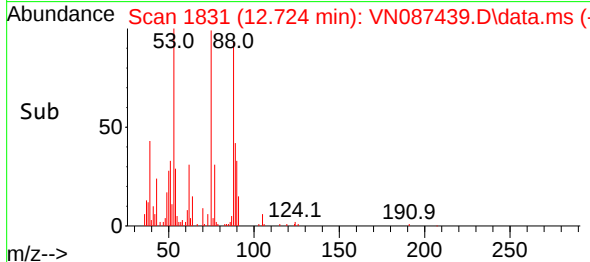
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



Tgt Ion: 75 Resp: 3138
Ion Ratio Lower Upper
75 100
53 98.7 44.3 132.8
89 43.4 22.4 67.3

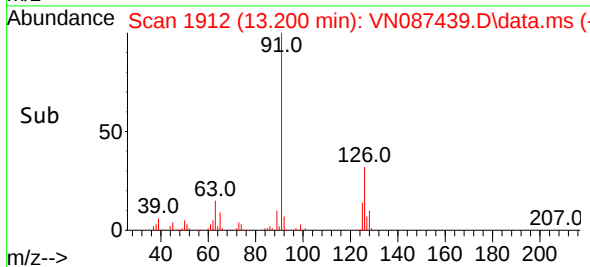
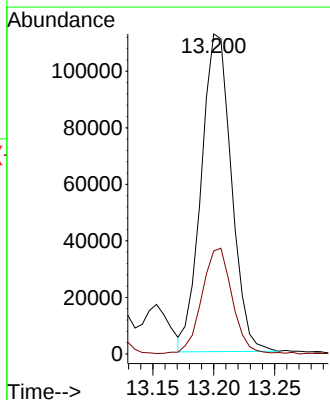
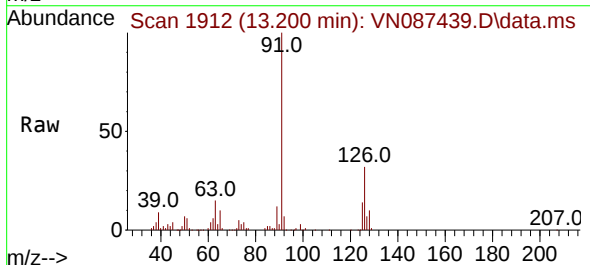
Manual Integrations
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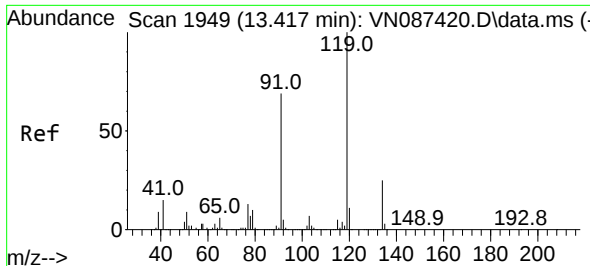
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#78
4-Chlorotoluene
Concen: 18.527 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

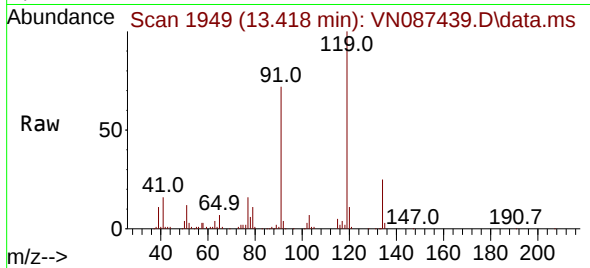
Tgt Ion: 91 Resp: 194032
Ion Ratio Lower Upper
91 100
126 33.6 0.0 63.4





#79
tert-butylbenzene
Concen: 19.085 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

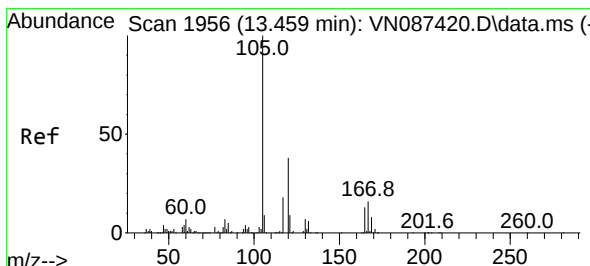
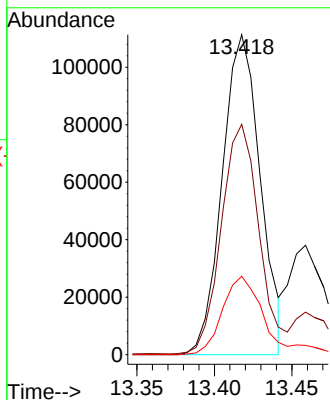
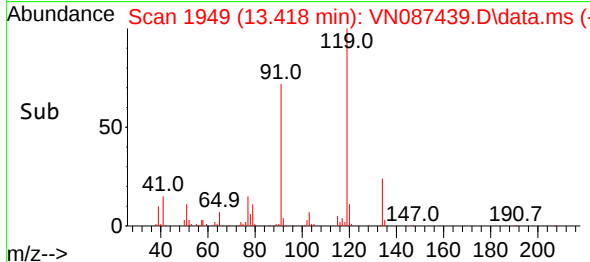
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



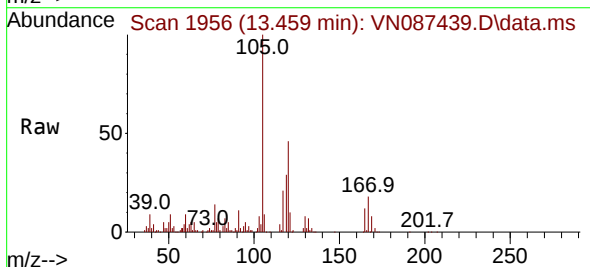
Tgt Ion:119 Resp: 19011
Ion Ratio Lower Upper
119 100
91 71.2 0.0 135.4
134 24.9 0.0 49.2

Manual Integrations
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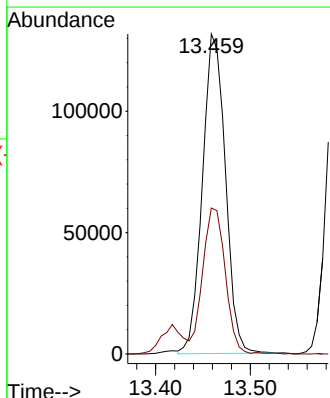
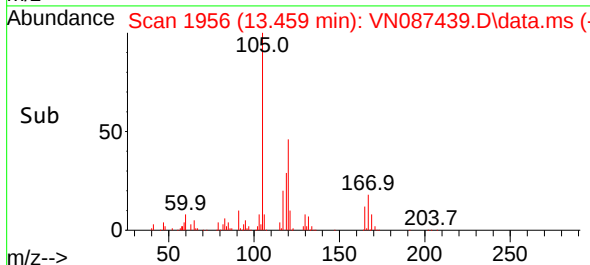
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

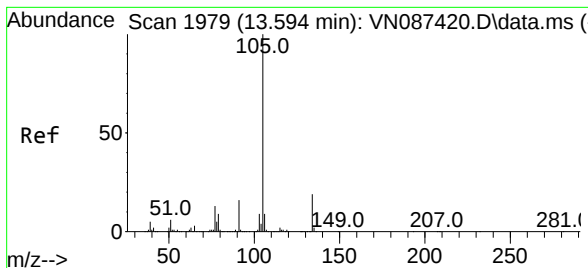


#80
1,2,4-Trimethylbenzene
Concen: 19.342 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



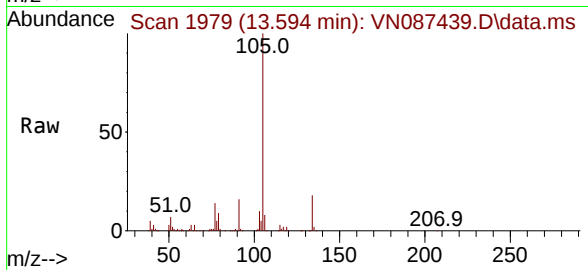
Tgt Ion:105 Resp: 221310
Ion Ratio Lower Upper
105 100
120 44.7 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 19.441 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087439.D
 Acq: 30 Jul 2025 10:47

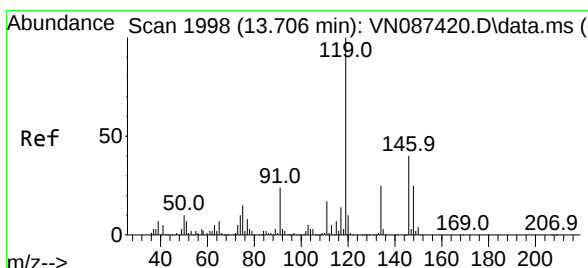
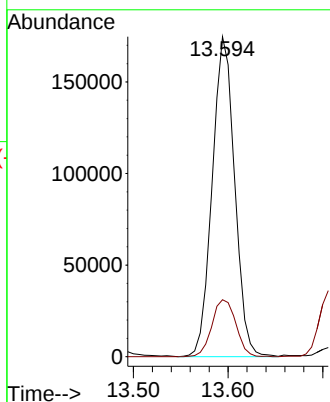
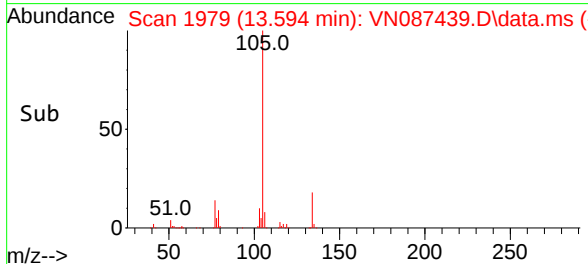
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01



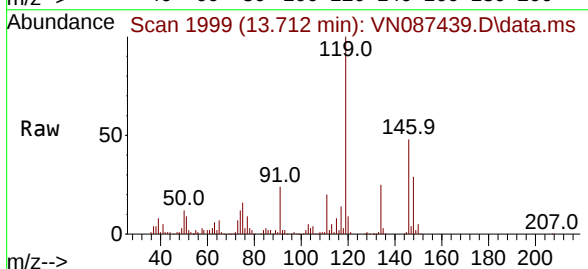
Tgt Ion:105 Resp: 28767
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 39.0

Manual Integrations
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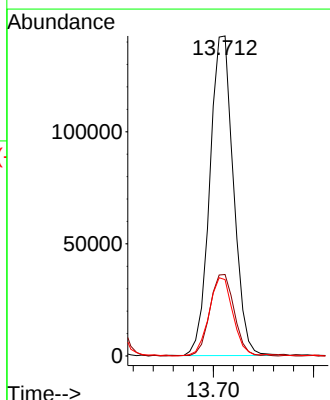
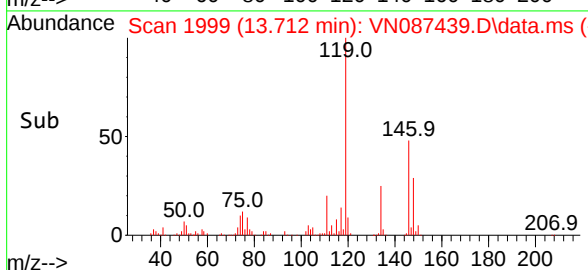
Reviewed By :John Carlone 07/31/2025
 Supervised By :Mahesh Dadoda 07/31/2025

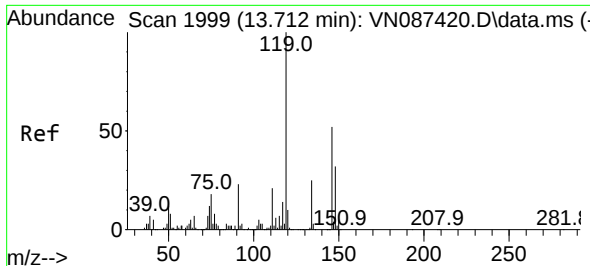


#82
 p-Isopropyltoluene
 Concen: 19.434 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN087439.D
 Acq: 30 Jul 2025 10:47



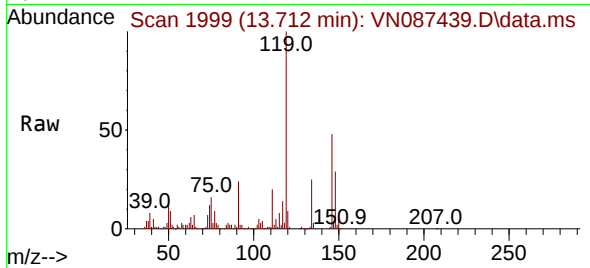
Tgt Ion:119 Resp: 233397
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 50.8
 91 24.7 0.0 47.6





#83
1,3-Dichlorobenzene
Concen: 19.252 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

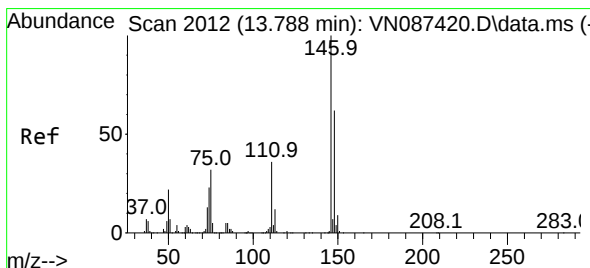
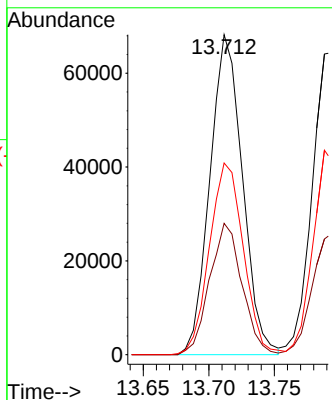
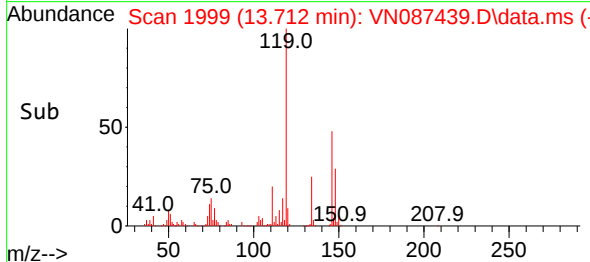
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



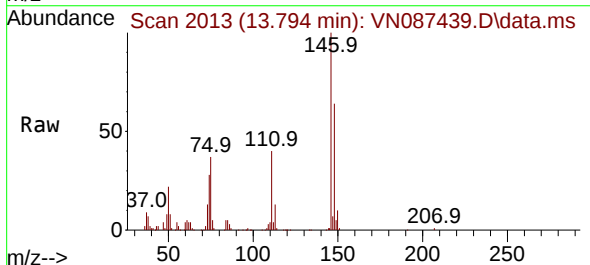
Tgt Ion:146 Resp: 117824
Ion Ratio Lower Upper
146 100
111 41.0 19.9 59.7
148 62.6 31.9 95.5

Manual Integrations
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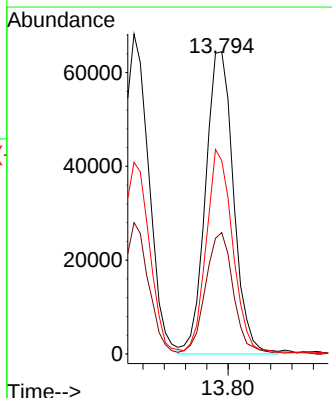
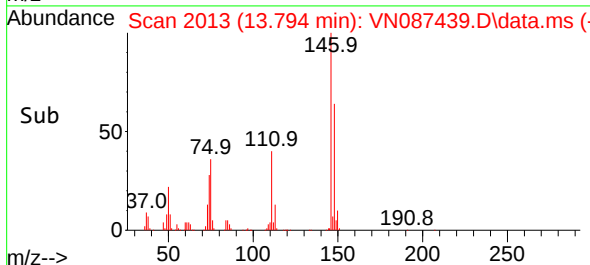
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

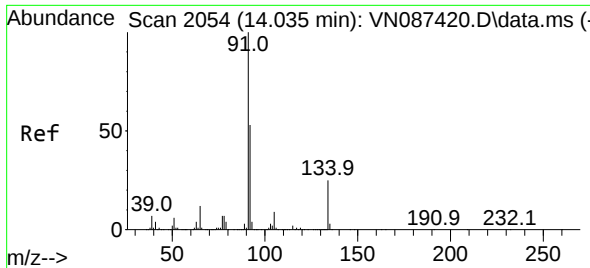


#84
1,4-Dichlorobenzene
Concen: 18.429 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47



Tgt Ion:146 Resp: 117945
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.3
148 64.1 31.4 94.2





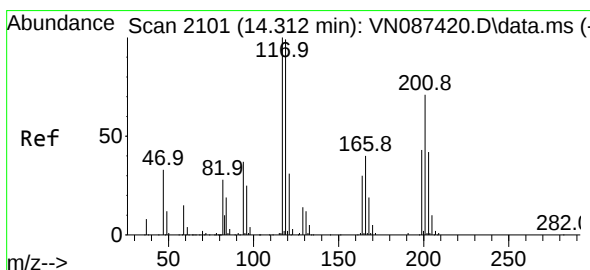
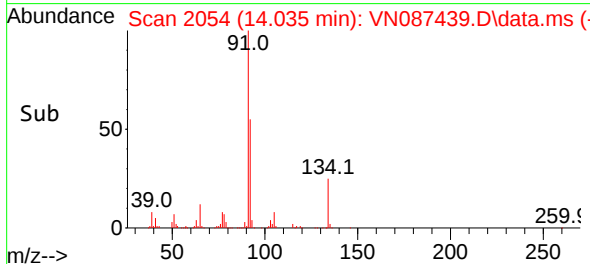
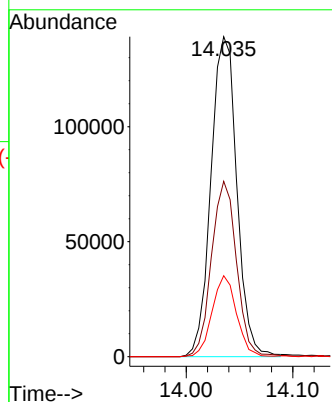
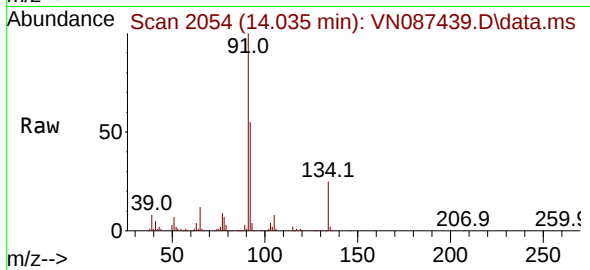
#85
n-Butylbenzene
Concen: 19.403 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tgt Ion: 91 Resp: 234688
Ion Ratio Lower Upper
91 100
92 53.1 0.0 104.8
134 23.9 0.0 49.0

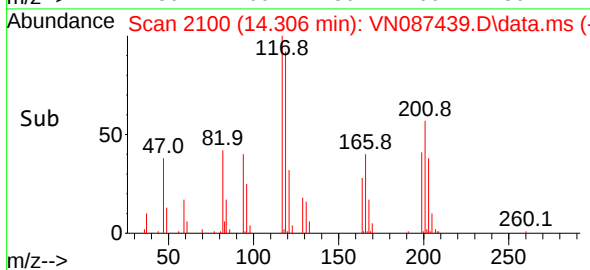
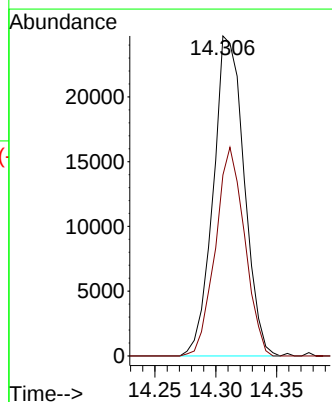
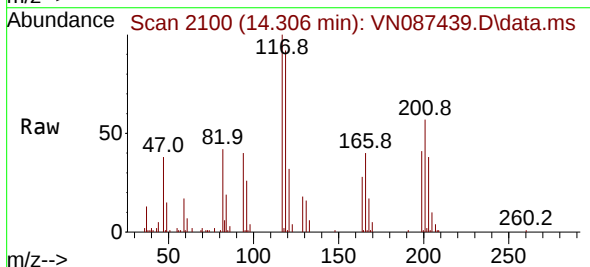
Manual Integrations
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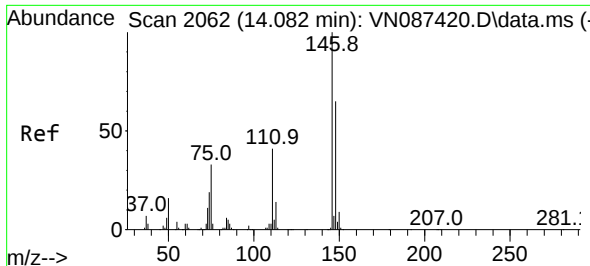
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#86
Hexachloroethane
Concen: 17.861 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

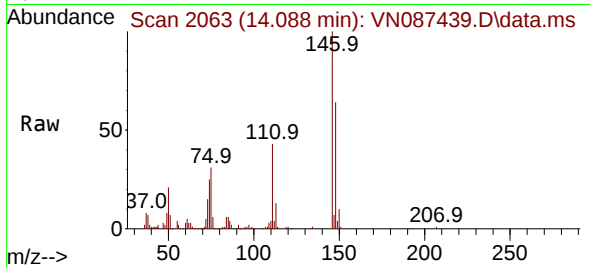
Tgt Ion:117 Resp: 43566
Ion Ratio Lower Upper
117 100
201 61.7 32.7 98.1





#87
 1,2-Dichlorobenzene
 Concen: 18.983 ug/l
 RT: 14.088 min Scan# 2062
 Delta R.T. 0.006 min
 Lab File: VN087439.D
 Acq: 30 Jul 2025 10:47

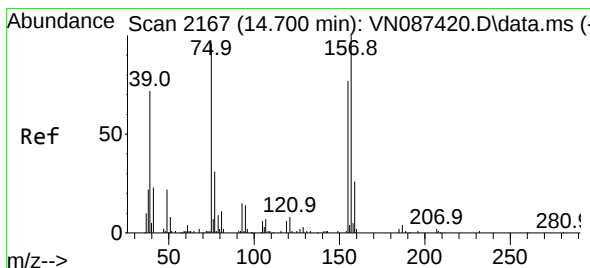
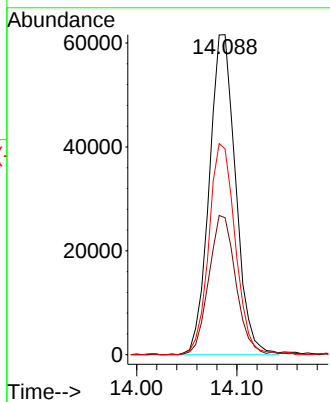
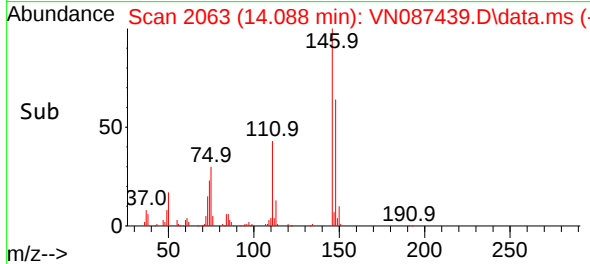
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01



Tgt Ion:146 Resp: 11294
 Ion Ratio Lower Upper
 146 100
 111 44.2 20.6 61.9
 148 65.9 32.5 97.5

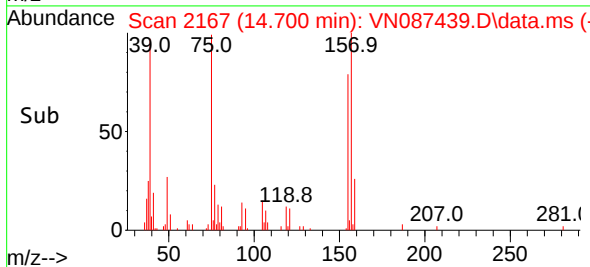
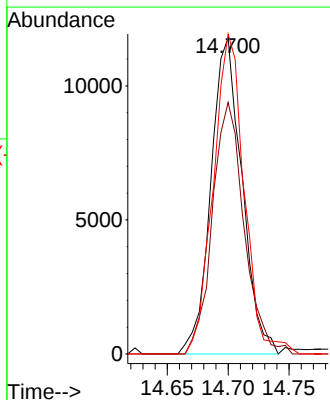
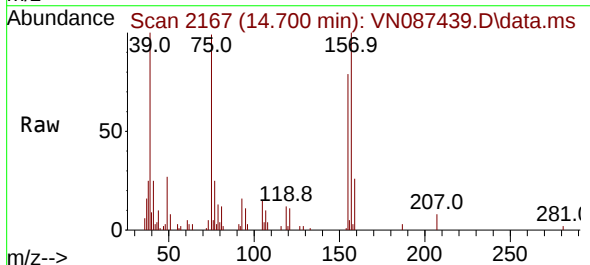
Manual Integrations
 APPROVED

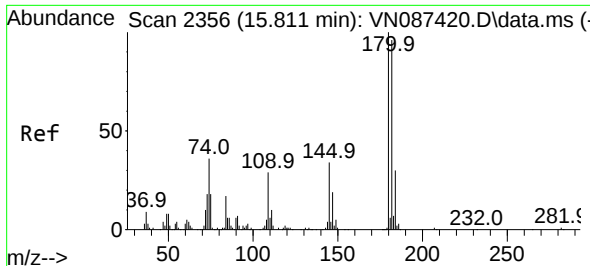
Reviewed By :John Carlone 07/31/2025
 Supervised By :Mahesh Dadoda 07/31/2025



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.094 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN087439.D
 Acq: 30 Jul 2025 10:47

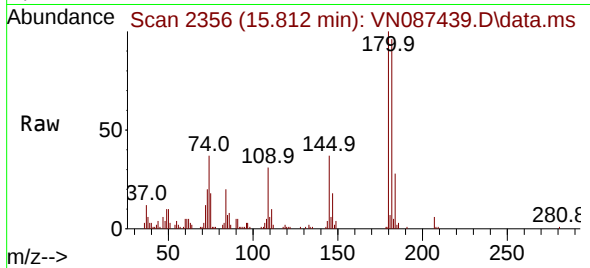
Tgt Ion: 75 Resp: 20917
 Ion Ratio Lower Upper
 75 100
 155 80.9 64.4 96.6
 157 98.7 82.3 123.5





#89
 1,2,4-Trichlorobenzene
 Concen: 18.275 ug/l
 RT: 15.812 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087439.D
 Acq: 30 Jul 2025 10:47

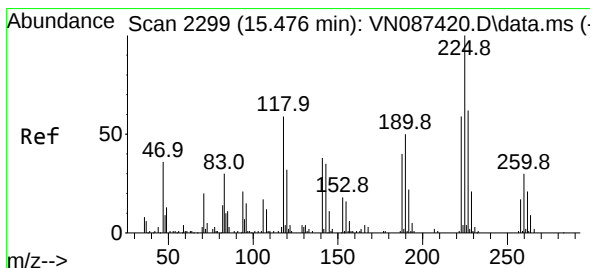
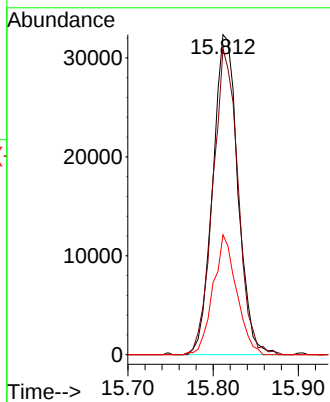
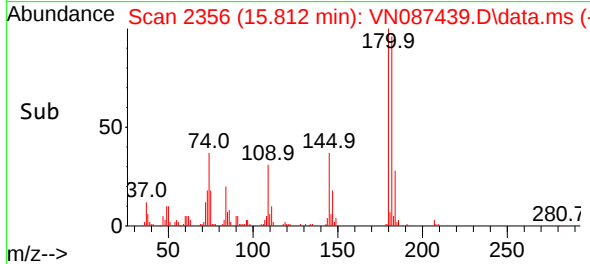
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01



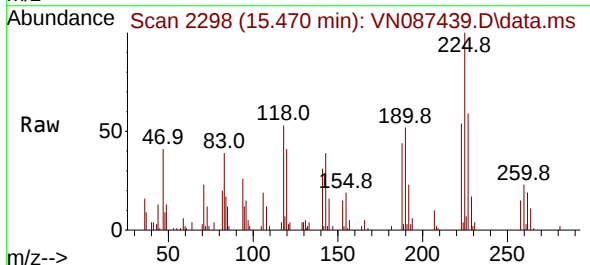
Tgt Ion:180 Resp: 66310
 Ion Ratio Lower Upper
 180 100
 182 95.4 74.7 112.1
 145 35.1 27.4 41.2

Manual Integrations
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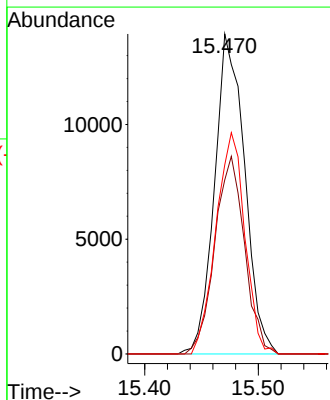
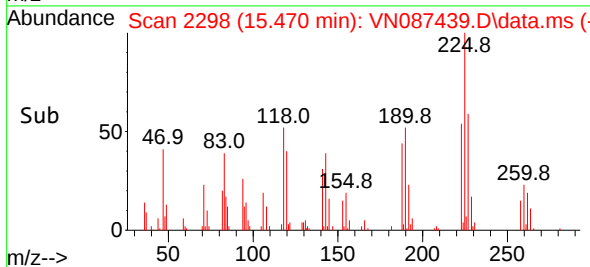
Reviewed By :John Carlone 07/31/2025
 Supervised By :Mahesh Dadoda 07/31/2025

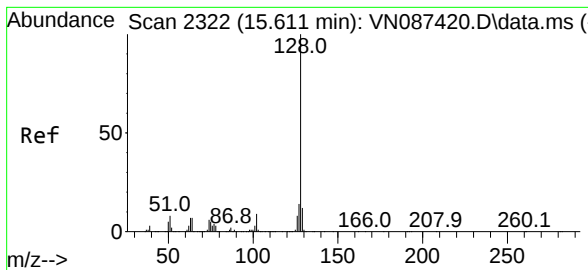


#90
 Hexachlorobutadiene
 Concen: 18.567 ug/l
 RT: 15.470 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: VN087439.D
 Acq: 30 Jul 2025 10:47



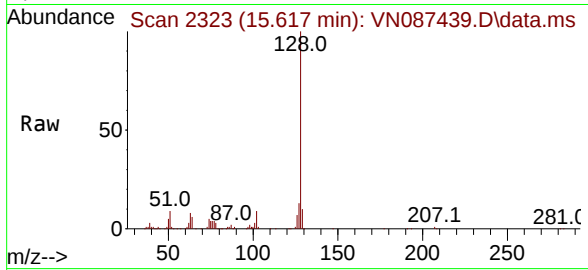
Tgt Ion:225 Resp: 25652
 Ion Ratio Lower Upper
 225 100
 223 61.1 0.0 125.4
 227 66.6 0.0 125.0





#91
Naphthalene
Concen: 19.140 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

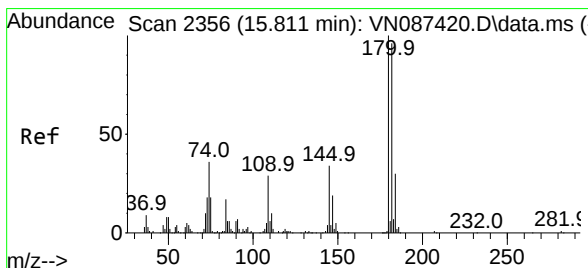
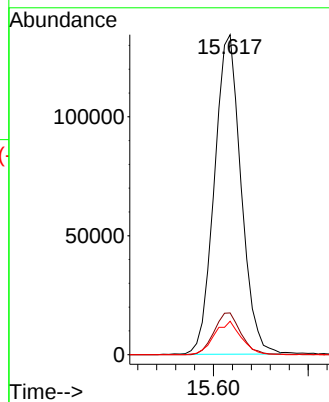
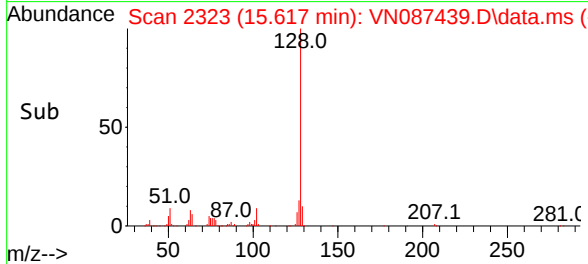
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01



Tgt Ion:128 Resp: 26250
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.6 9.1 13.7

Manual Integrations
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Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.275 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087439.D
Acq: 30 Jul 2025 10:47

Tgt Ion:180 Resp: 66316
Ion Ratio Lower Upper
180 100
182 95.4 0.0 186.8
145 35.1 0.0 68.6

