

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
 Data File : VN087918.D
 Acq On : 22 Sep 2025 13:45
 Operator : JC\MD
 Sample : Q3149-03MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave(Aug)MS

Quant Time: Sep 23 04:52:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/23/2025
 Supervised By : Mahesh Dadoda 09/24/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	50886	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	242033	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	230193	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	119057	27.389	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	91.300%		
60) 4-Bromofluorobenzene	12.823	95	109757	29.653	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.833%		
63) Toluene-d8	10.547	98	318276	29.731	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	43749	13.833	ug/l	91
3) Chloromethane	2.383	50	42123	12.688	ug/l	97
4) Vinyl Chloride	2.536	62	42613	11.355	ug/l	100
5) Bromomethane	2.983	94	25530	11.596	ug/l	93
6) Chloroethane	3.142	64	27610	10.764	ug/l #	83
7) Trichlorofluoromethane	3.512	101	73297	13.324	ug/l #	82
8) Diethyl Ether	3.959	74	26627	11.463	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	42288m	14.192	ug/l	
10) 1,1-Dichloroethene	4.336	96	38883	12.657	ug/l #	89
11) Methyl Iodide	4.583	142	26633	12.248	ug/l	87
12) Methyl Acetate	5.018	43	70412	14.869	ug/l	95
13) Acrolein	4.171	56	67118m	79.605	ug/l	
14) Acrylonitrile	5.712	53	141387	69.366	ug/l	94
15) Acetone	4.424	58	40140	63.127	ug/l	100
16) Carbon Disulfide	4.712	76	101592	12.045	ug/l #	94
17) Allyl chloride	5.018	41	60550	12.068	ug/l	99
18) Methylene Chloride	5.271	84	55933	16.074	ug/l #	73
19) trans-1,2-Dichloroethene	5.771	96	46568	14.864	ug/l	97
20) Diisopropyl ether	6.665	45	160206	13.885	ug/l	93
21) 1,1-Dichloroethane	6.547	63	93157	14.743	ug/l	96
22) cis-1,2-Dichloroethene	7.471	96	58526	15.390	ug/l	97
23) tert-Butyl Alcohol	5.524	59	49386	68.542	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	158662	14.467	ug/l	98
25) Chloroform	7.947	83	113776	17.203	ug/l	94
26) Cyclohexane	8.241	56	56655	11.774	ug/l #	93
29) 1,1-Dichloropropene	8.353	75	58719	14.928	ug/l	95
30) 2-Butanone	7.471	43	199036	73.454	ug/l #	96
31) 2,2-Dichloropropane	7.477	77	83972	17.710	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	86616	17.369	ug/l	98
33) Carbon Tetrachloride	8.341	117	71351	17.160	ug/l #	91
34) Benzene	8.588	78	200873	15.801	ug/l	95
35) Methacrylonitrile	7.759	41	40291	14.216	ug/l	98
36) 1,2-Dichloroethane	8.653	62	78578	16.364	ug/l	98
37) Trichloroethene	9.330	130	48894	17.205	ug/l	91
38) Methylcyclohexane	9.577	83	63104	14.570	ug/l	96
39) 1,2-Dichloropropane	9.600	63	52633	16.165	ug/l	99
40) Dibromomethane	9.688	93	42406	17.501	ug/l	94
41) Bromodichloromethane	9.865	83	86166	17.398	ug/l	88
42) Vinyl Acetate	6.589	43	650976	71.903	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	80265m	14.498	ug/l	
44) Isopropyl Acetate	8.677	43	128711	14.830	ug/l	97
45) 1,4-Dioxane	9.677	88	17370	317.366	ug/l	98
46) Methyl methacrylate	9.659	41	58629	14.656	ug/l	96
47) n-amyl Acetate	12.682	43	78721m	13.422	ug/l	
48) t-1,3-Dichloropropene	10.818	75	79021	15.363	ug/l	96
49) cis-1,3-Dichloropropene	10.288	75	80755	15.328	ug/l	94
50) 1,1,2-Trichloroethane	10.994	97	55643	17.779	ug/l	90
51) Ethyl methacrylate	10.853	69	70110	14.395	ug/l	95
52) 1,3-Dichloropropane	11.141	76	88945	16.367	ug/l	99
53) Dibromochloromethane	11.335	129	67451	19.222	ug/l	93
54) 1,2-Dibromoethane	11.447	107	56118	17.233	ug/l	97
56) Bromoform	12.553	173	44633	19.477	ug/l #	98
58) 4-Methyl-2-Pentanone	10.424	43	424498	77.991	ug/l	100
59) 2-Hexanone	11.177	43	257987	72.538	ug/l	97
61) Tetrachloroethene	11.082	164	40620	17.723	ug/l	94
62) Toluene	10.606	91	221071	15.877	ug/l	100
64) Chlorobenzene	11.871	112	145633	17.041	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.941	131	55649	18.496	ug/l	94
66) Ethyl Benzene	11.941	91	225064	14.983	ug/l	93
67) m/p-Xylenes	12.053	106	174075	31.218	ug/l	97
68) o-Xylene	12.376	106	83228	15.394	ug/l	94
69) Styrene	12.388	104	144917	15.422	ug/l	99
70) Isopropylbenzene	12.676	105	213397	15.567	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.918	83	83845	17.013	ug/l	95
72) 1,2,3-Trichloropropane	12.971	75	78714m	16.267	ug/l	
73) Bromobenzene	12.959	156	57814	17.237	ug/l	91
74) n-propylbenzene	13.012	91	272077	15.730	ug/l	97
75) 2-Chlorotoluene	13.100	91	169092	16.243	ug/l	96
76) 1,3,5-Trimethylbenzene	13.153	105	190524	16.458	ug/l	98
77) t-1,4-Dichloro-2-butene	12.724	75	25225	15.445	ug/l	94
78) 4-Chlorotoluene	13.200	91	174941	16.669	ug/l	99
79) tert-butylbenzene	13.412	119	157934	16.290	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	192171	16.192	ug/l	95
81) sec-Butylbenzene	13.594	105	238084	16.696	ug/l	96
82) p-Isopropyltoluene	13.706	119	194640	16.566	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	119722	18.515	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	114855	17.721	ug/l	94
85) n-Butylbenzene	14.035	91	183495	16.247	ug/l	98
86) Hexachloroethane	14.312	117	44507	18.650	ug/l	94
87) 1,2-Dichlorobenzene	14.082	146	108622	17.811	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	18103m	16.553	ug/l	
89) 1,2,4-Trichlorobenzene	15.812	180	63090	18.189	ug/l	97
90) Hexachlorobutadiene	15.470	225	24483	21.055	ug/l	91
91) Naphthalene	15.617	128	198316	15.530	ug/l	98
92) 1,2,3-Trichlorobenzene	15.812	180	63090	18.189	ug/l	97

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

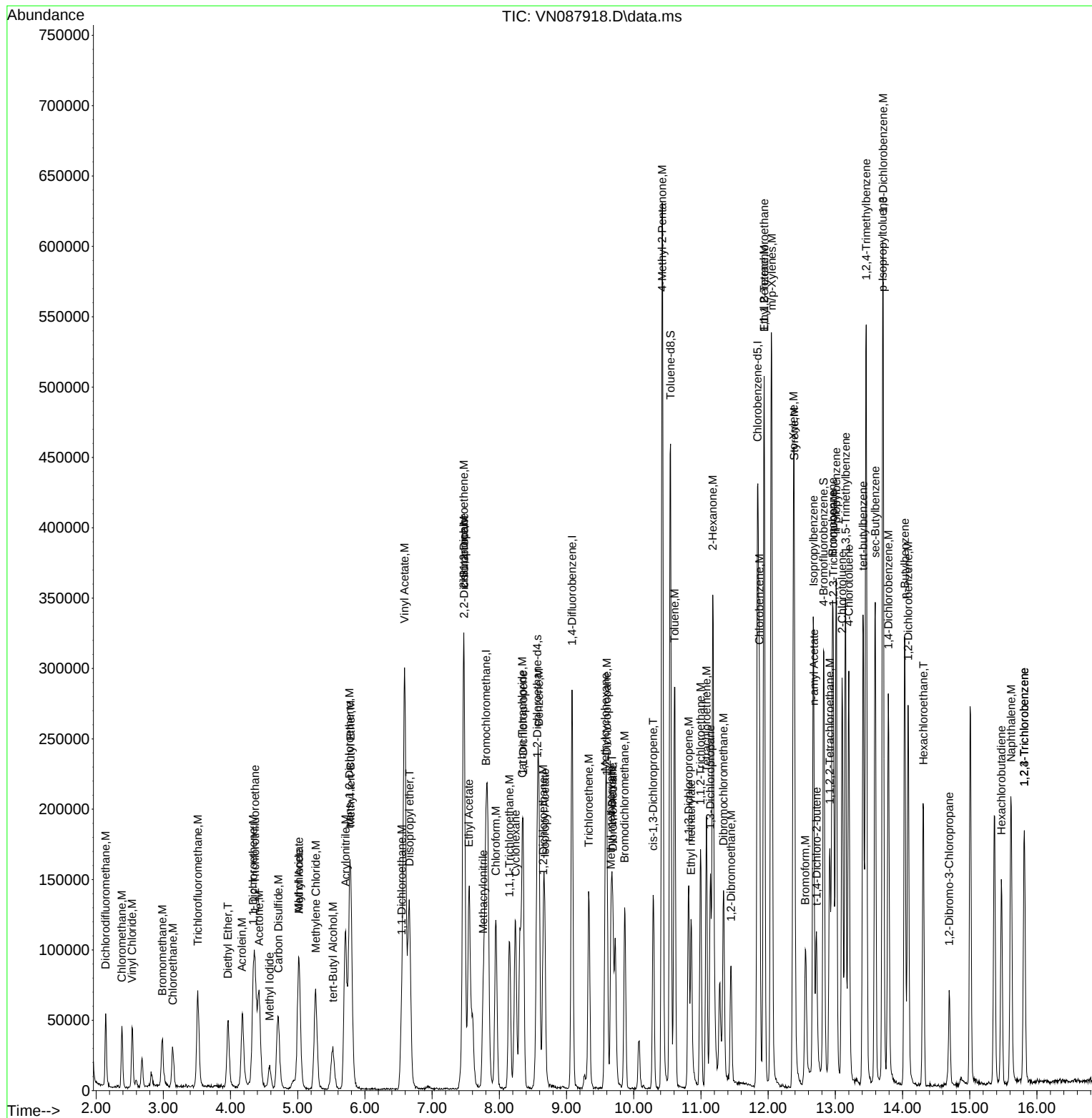
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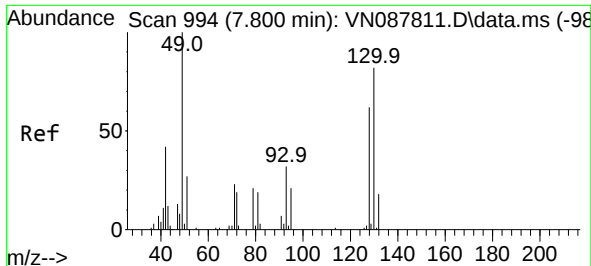
Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave(Aug)MS

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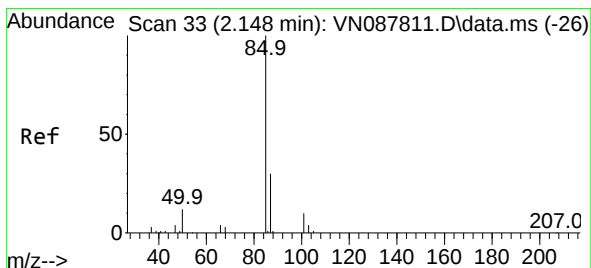
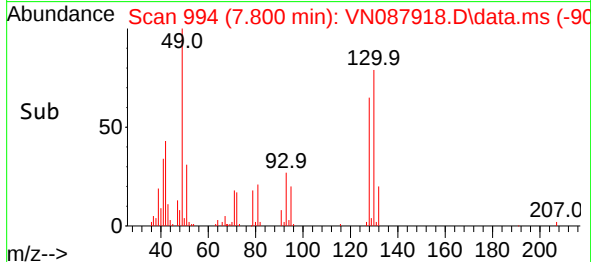
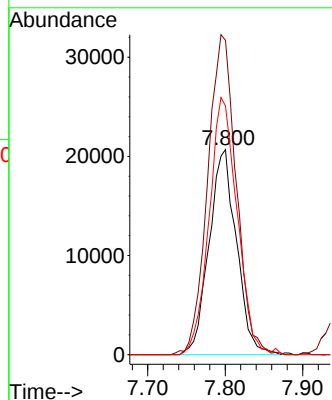
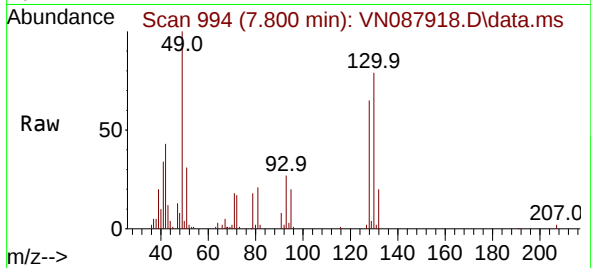
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion:128 Resp: 50880
Ion Ratio Lower Upper
128 100
49 162.2 0.0 464.3
130 128.4 0.0 300.5

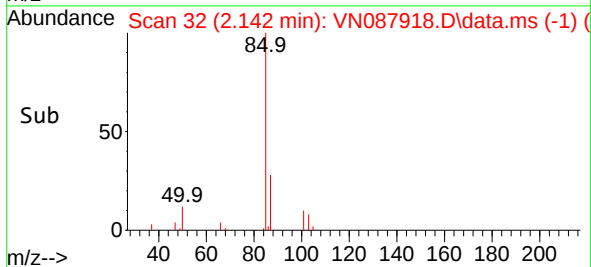
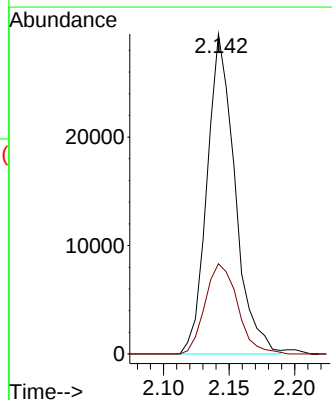
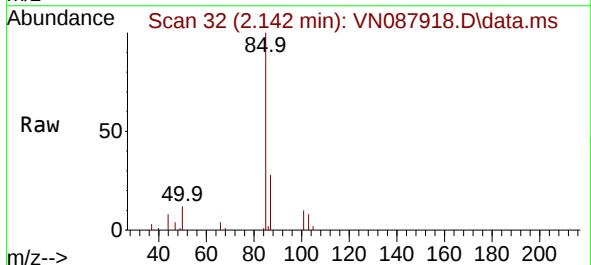
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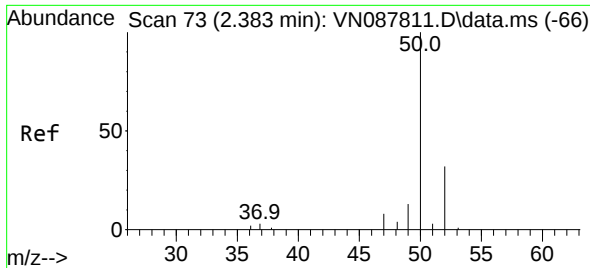
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#2
Dichlorodifluoromethane
Concen: 13.833 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Tgt Ion: 85 Resp: 43749
Ion Ratio Lower Upper
85 100
87 28.2 16.8 50.4





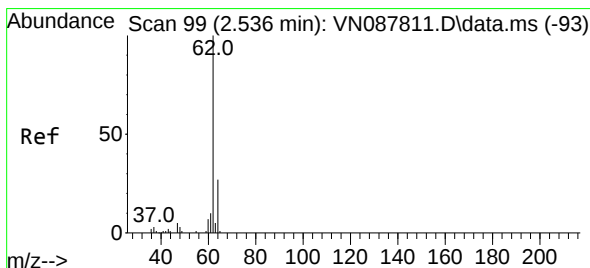
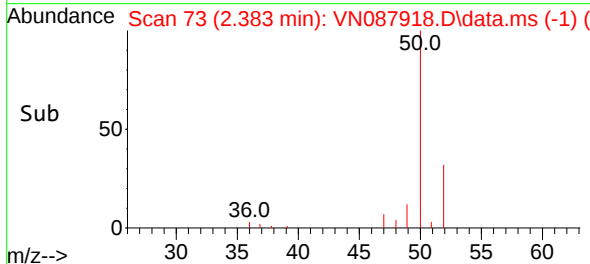
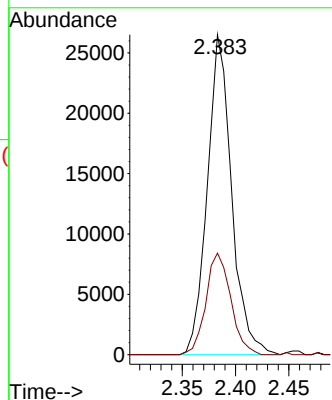
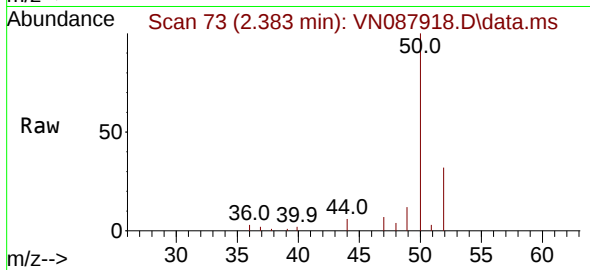
#3
Chloromethane
Concen: 12.688 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
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ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion: 50 Resp: 4212
Ion Ratio Lower Upper
50 100
52 31.8 26.6 40.0

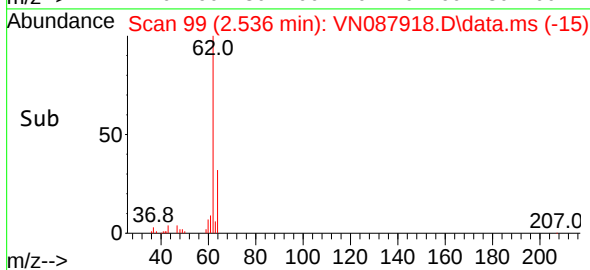
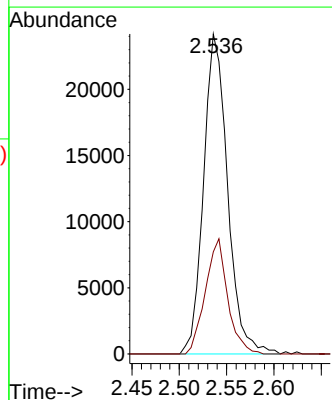
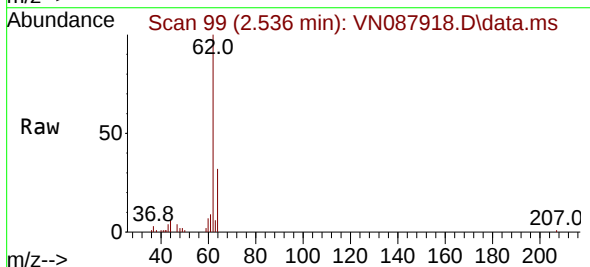
Manual Integrations
APPROVED

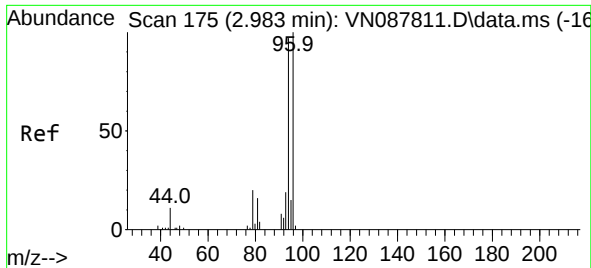
Reviewed By :John Carlone 09/23/2025
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#4
Vinyl Chloride
Concen: 11.355 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

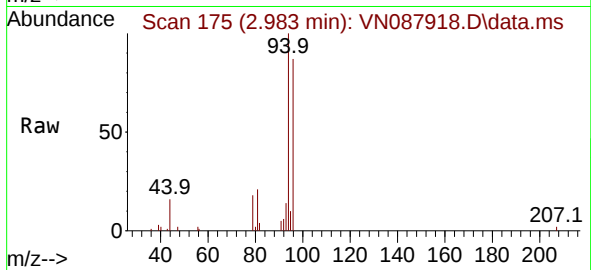
Tgt Ion: 62 Resp: 42613
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3





#5
Bromomethane
Concen: 11.596 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

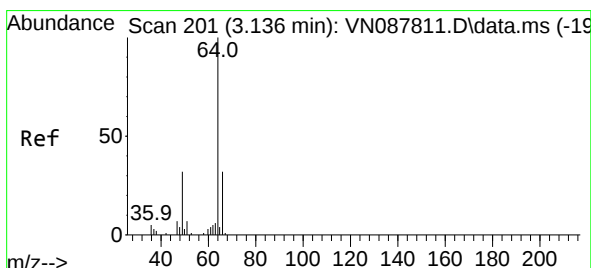
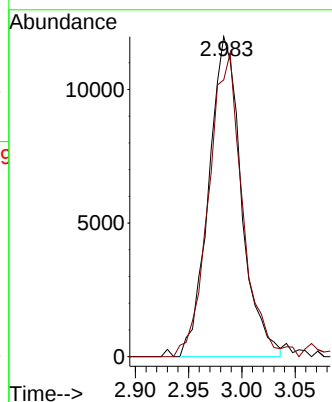
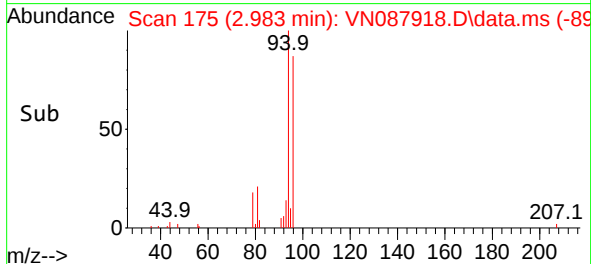
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



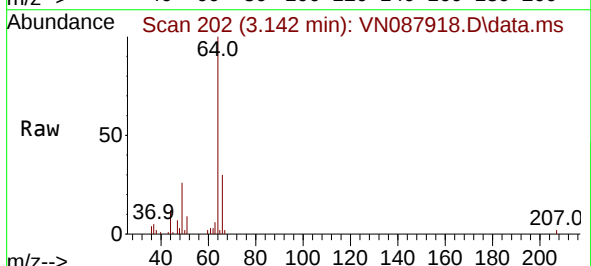
Tgt Ion: 94 Resp: 25530
Ion Ratio Lower Upper
94 100
96 84.0 72.2 108.4

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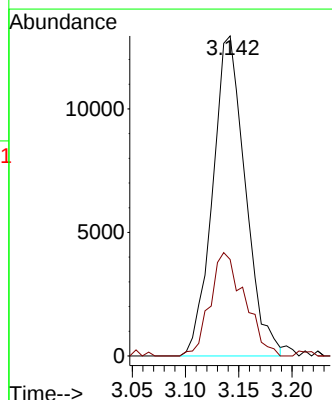
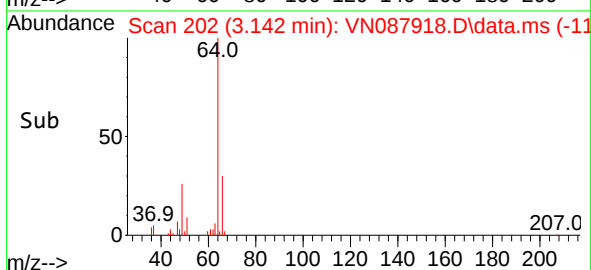
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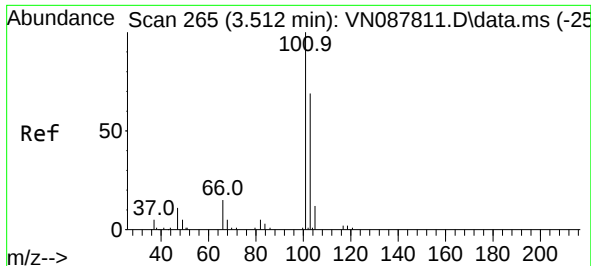


#6
Chloroethane
Concen: 10.764 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45



Tgt Ion: 64 Resp: 27610
Ion Ratio Lower Upper
64 100
66 30.2 32.8 49.2#





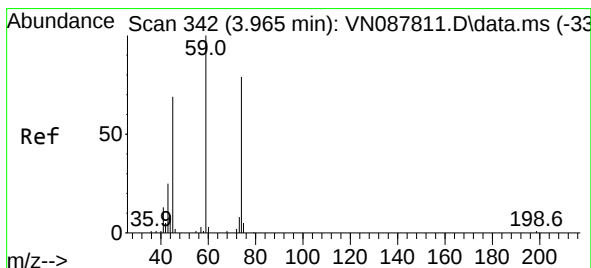
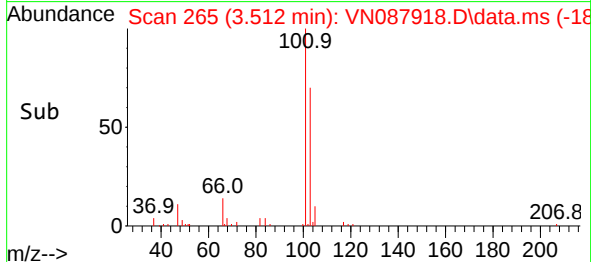
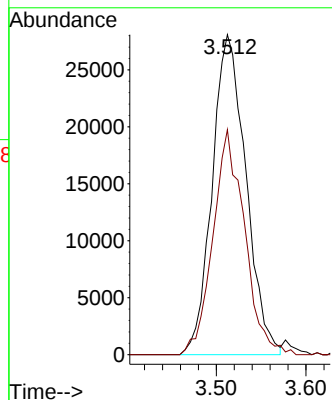
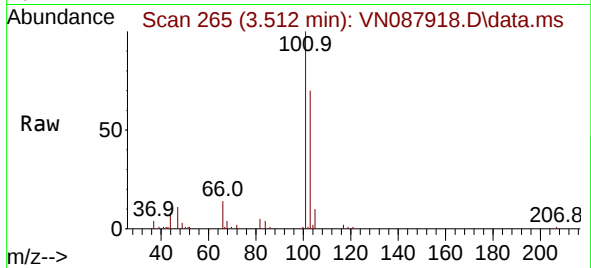
#7
 Trichlorofluoromethane
 Concen: 13.324 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087918.D
 Acq: 22 Sep 2025 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave(Aug)MS

Tgt Ion:101 Resp: 7329
 Ion Ratio Lower Upper
 101 100
 103 70.3 45.7 68.5

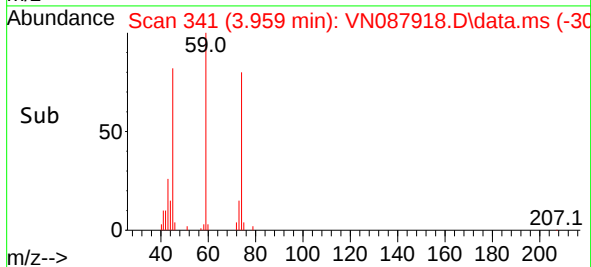
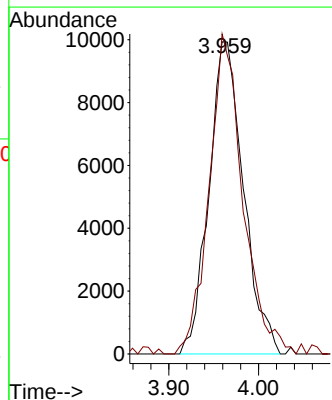
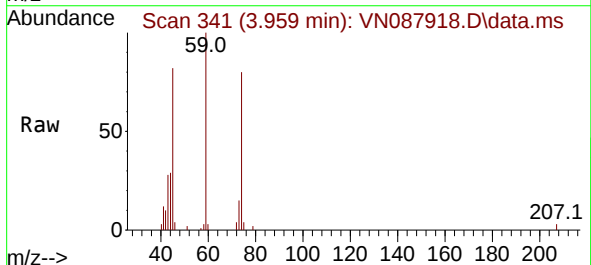
Manual Integrations
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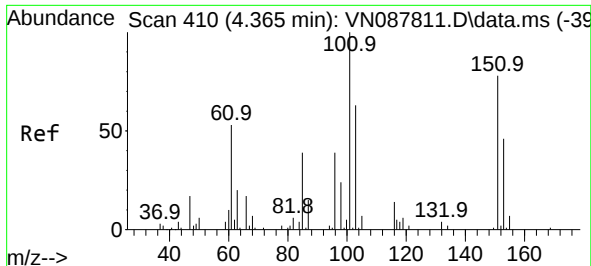
Reviewed By :John Carlone 09/23/2025
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#8
 Diethyl Ether
 Concen: 11.463 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087918.D
 Acq: 22 Sep 2025 13:45

Tgt Ion: 74 Resp: 26627
 Ion Ratio Lower Upper
 74 100
 45 100.0 20.4 183.8





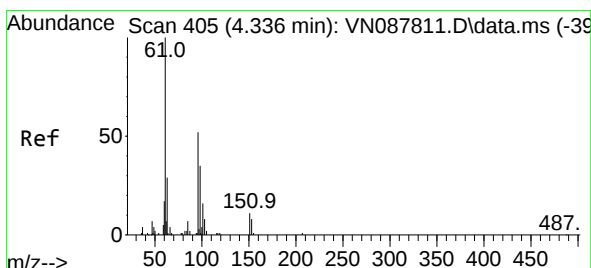
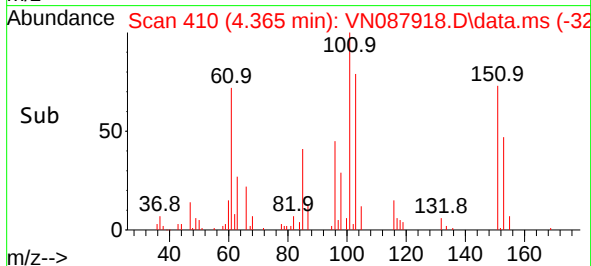
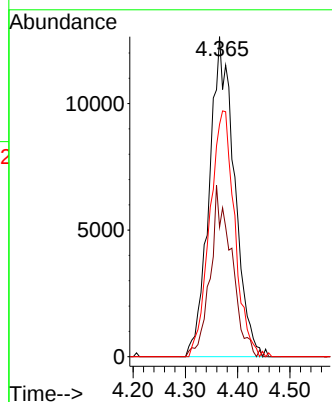
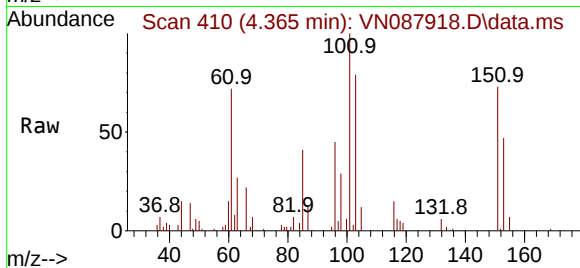
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 1,1,2-Trichlorotrifluoroethane
 Concen: 14.192 ug/l m
 RT: 4.365 min Scan# 410
 Delta R.T. -0.006 min
 Lab File: VN087918.D
 Acq: 22 Sep 2025 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave(Aug)MS

Tgt Ion:101 Resp: 4228
 Ion Ratio Lower Upper
 101 100
 85 21.3 0.0 95.6
 151 75.5 0.0 85.8

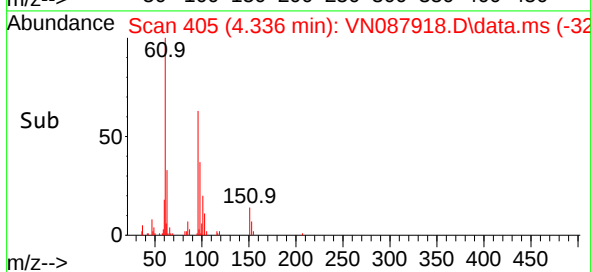
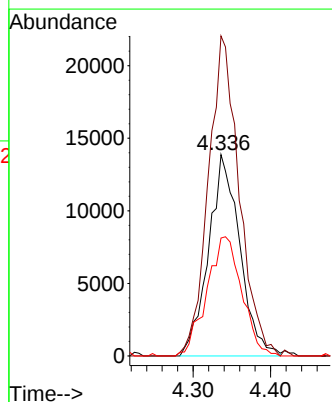
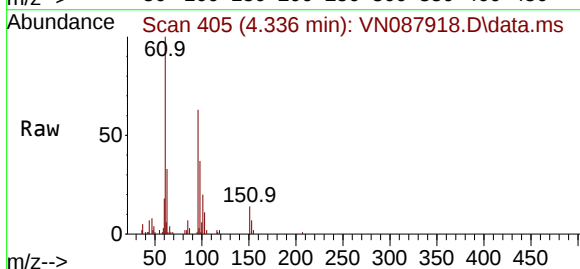
Manual Integrations
 APPROVED

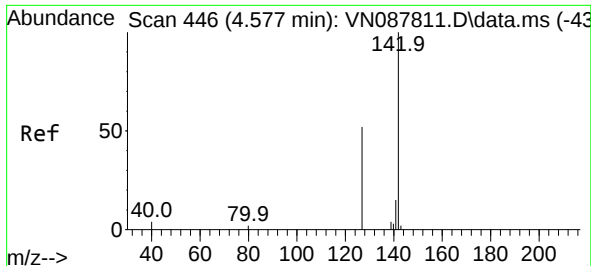
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025



#10
 1,1-Dichloroethene
 Concen: 12.657 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN087918.D
 Acq: 22 Sep 2025 13:45

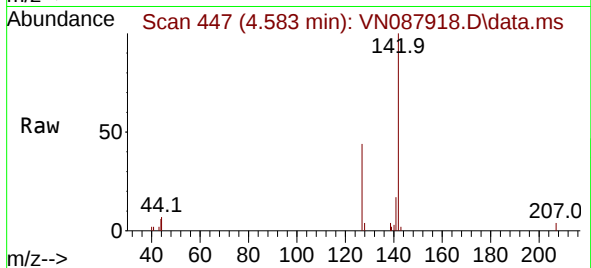
Tgt Ion: 96 Resp: 38883
 Ion Ratio Lower Upper
 96 100
 61 159.0 135.9 203.9
 98 58.6 59.2 88.8#





#11
Methyl Iodide
Concen: 12.248 ug/l
RT: 4.583 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

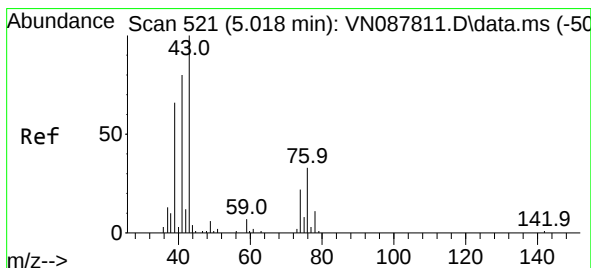
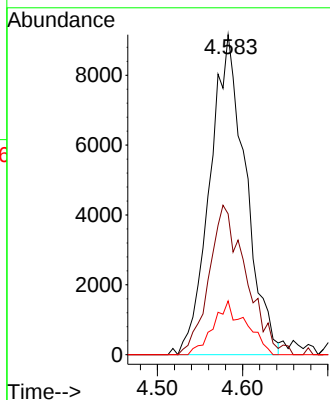
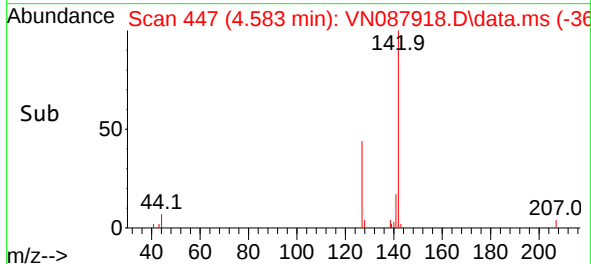
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



Tgt Ion:142 Resp: 2663
Ion Ratio Lower Upper
142 100
127 43.8 27.9 83.7
141 17.1 9.6 28.8

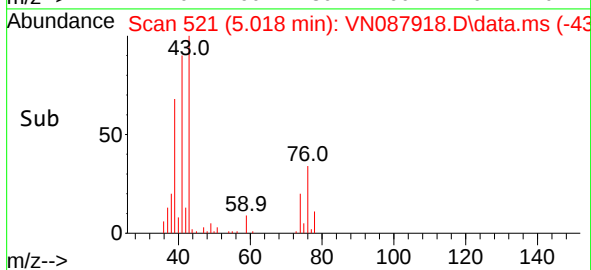
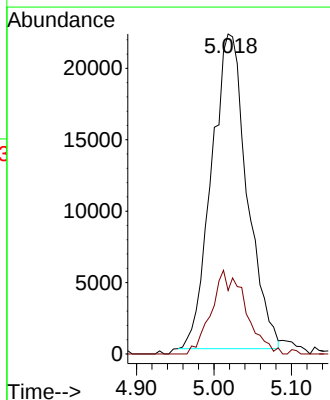
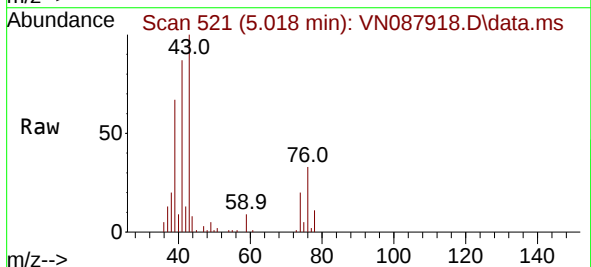
Manual Integrations
APPROVED

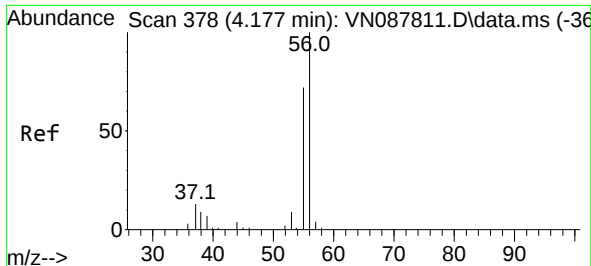
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#12
Methyl Acetate
Concen: 14.869 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

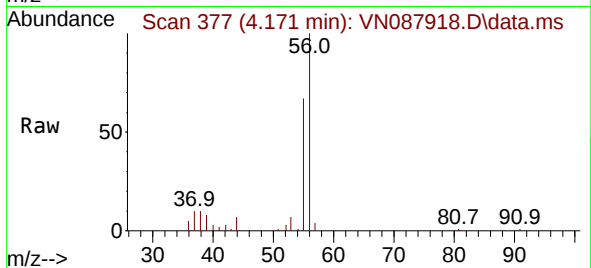
Tgt Ion: 43 Resp: 70412
Ion Ratio Lower Upper
43 100
74 19.5 17.5 26.3





#13
Acrolein
Concen: 79.605 ug/l m
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

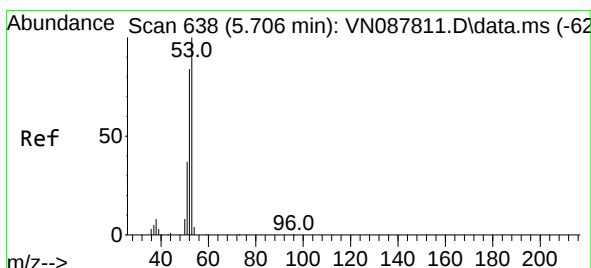
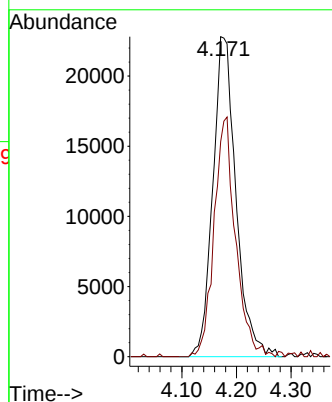
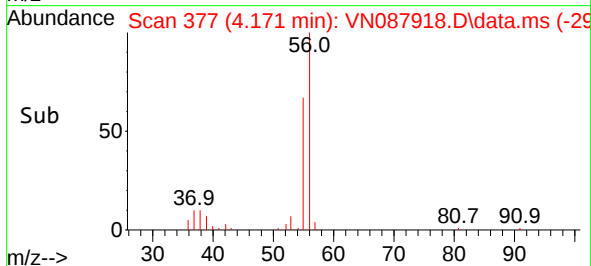
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



Tgt Ion: 56 Resp: 67118
Ion Ratio Lower Upper
56 100
55 0.3 28.6 42.8

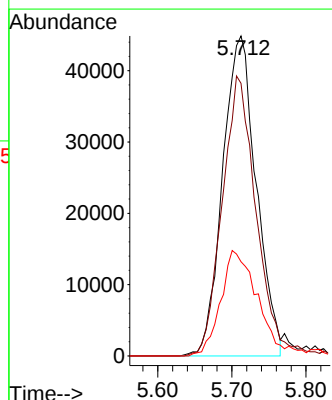
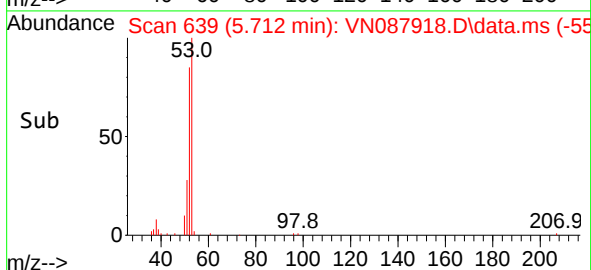
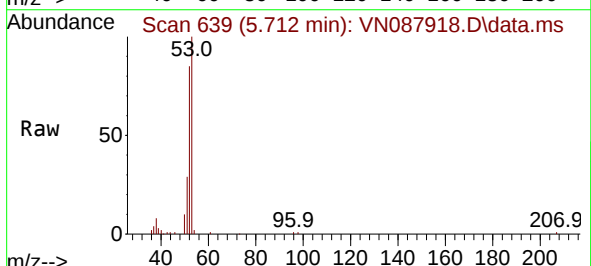
Manual Integrations
APPROVED

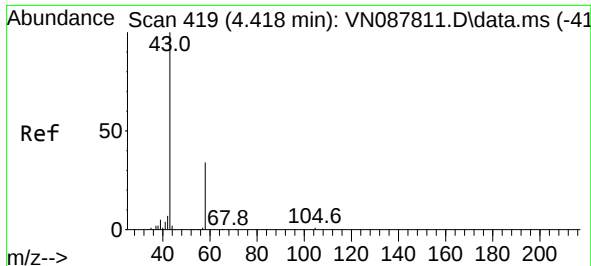
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#14
Acrylonitrile
Concen: 69.366 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

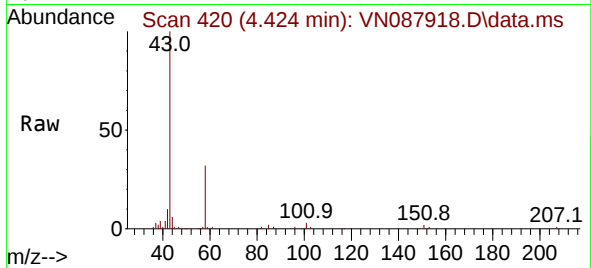
Tgt Ion: 53 Resp: 141387
Ion Ratio Lower Upper
53 100
52 87.3 40.9 122.7
51 32.9 18.1 54.1





#15
Acetone
Concen: 63.127 ug/l
RT: 4.424 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

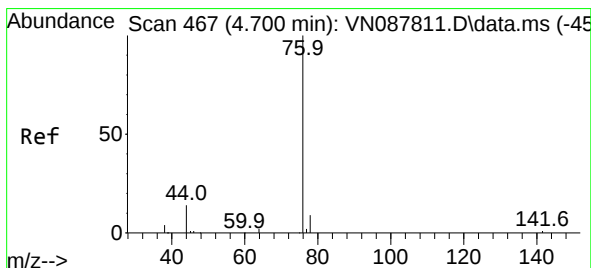
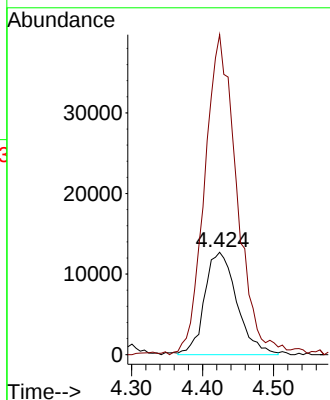
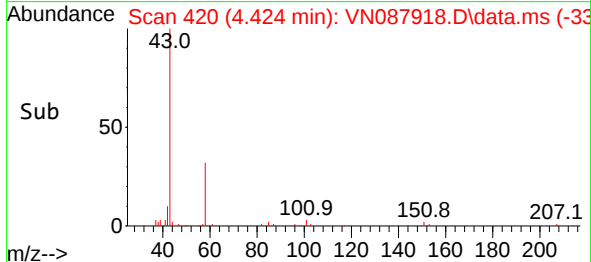
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



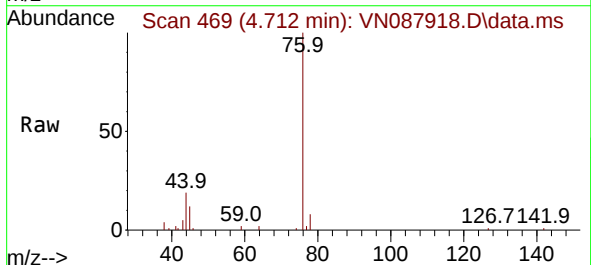
Tgt Ion: 58 Resp: 40140
Ion Ratio Lower Upper
58 100
43 314.2 250.6 376.0

Manual Integrations
APPROVED

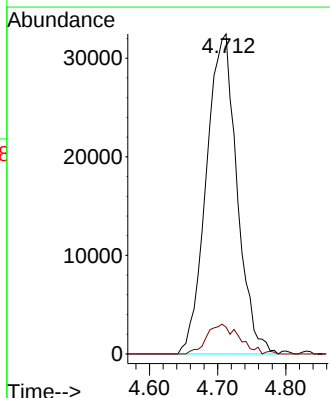
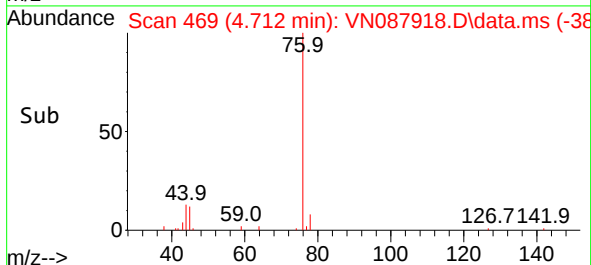
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

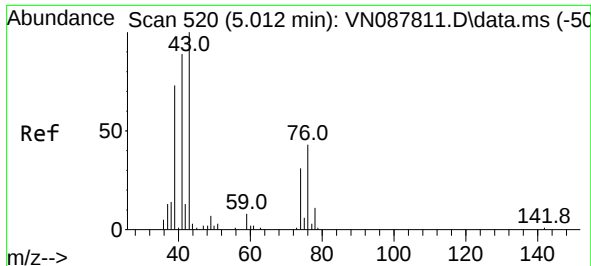


#16
Carbon Disulfide
Concen: 12.045 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45



Tgt Ion: 76 Resp: 101592
Ion Ratio Lower Upper
76 100
78 8.4 5.0 7.6#





#17

Allyl chloride

Concen: 12.068 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN087918.D

Acq: 22 Sep 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(Aug)MS

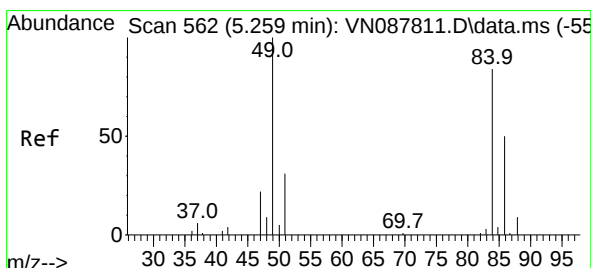
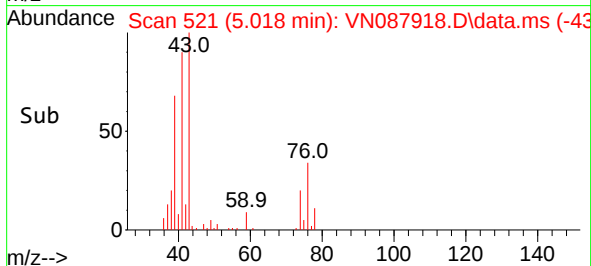
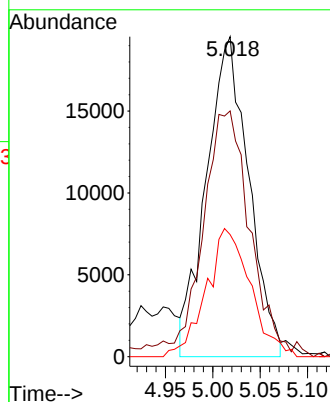
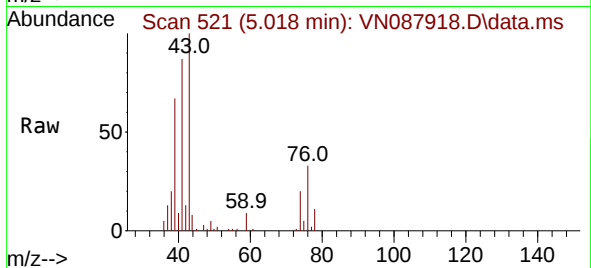
Tgt Ion: 41	Resp: 60550
Ion Ratio	Lower Upper
41 100	
39 75.2	36.7 110.1
76 36.4	18.3 54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#18

Methylene Chloride

Concen: 16.074 ug/l

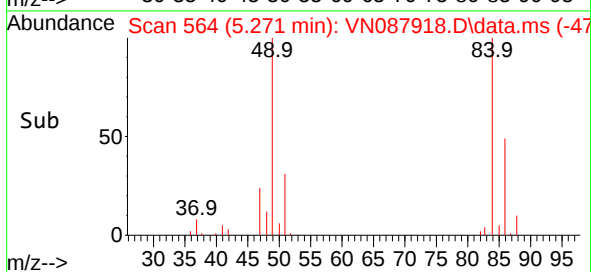
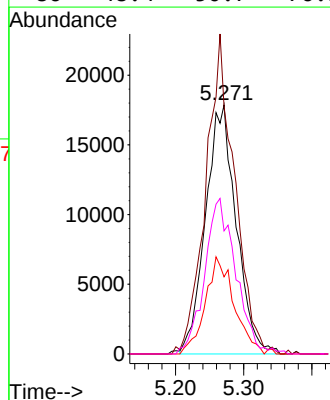
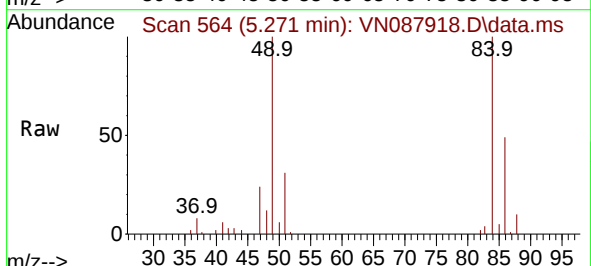
RT: 5.271 min Scan# 564

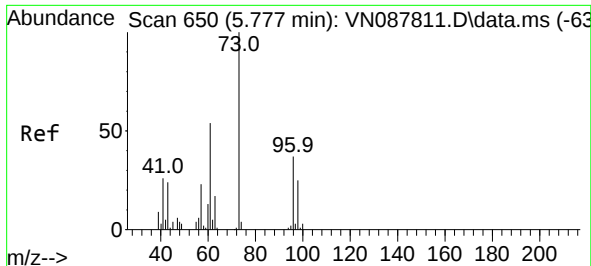
Delta R.T. 0.006 min

Lab File: VN087918.D

Acq: 22 Sep 2025 13:45

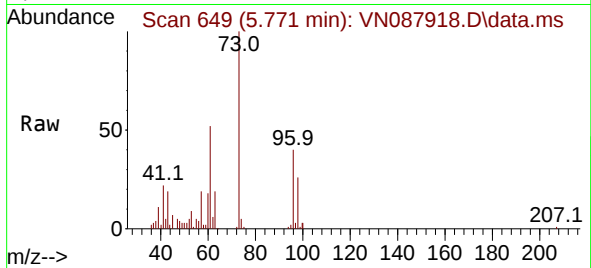
Tgt Ion: 84	Resp: 55933
Ion Ratio	Lower Upper
84 100	
49 99.5	114.1 171.1#
51 31.0	30.2 45.4
86 48.4	50.7 76.1#





#19
trans-1,2-Dichloroethene
Concen: 14.864 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

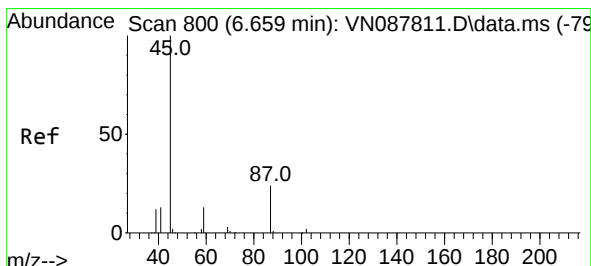
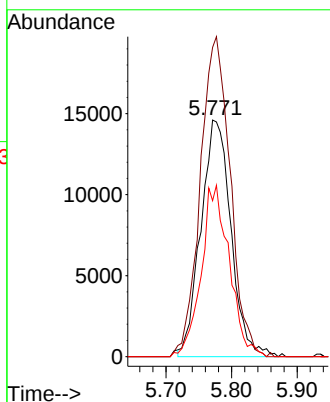
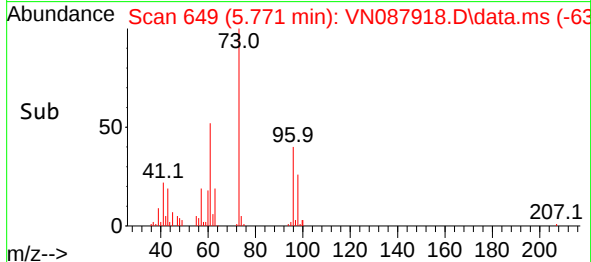
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



Tgt Ion: 96 Resp: 4656
Ion Ratio Lower Upper
96 100
61 130.7 106.4 159.6
98 66.0 48.9 73.3

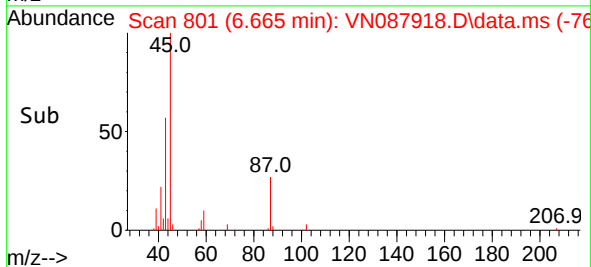
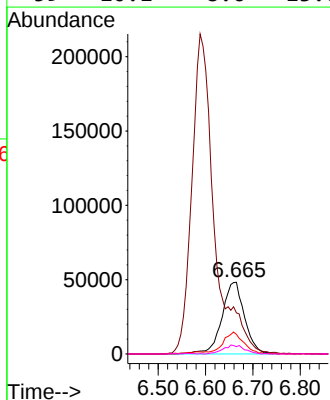
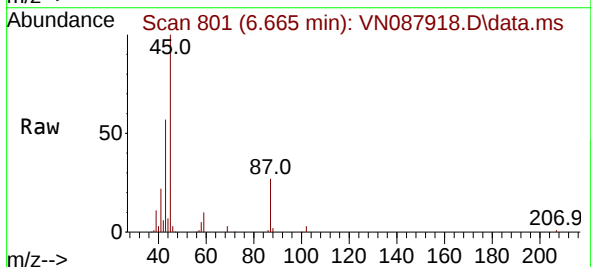
Manual Integrations
APPROVED

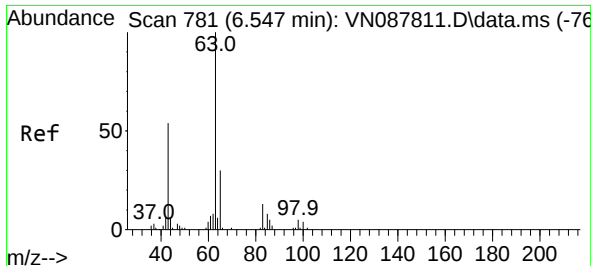
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#20
Diisopropyl ether
Concen: 13.885 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Tgt Ion: 45 Resp: 160206
Ion Ratio Lower Upper
45 100
43 56.1 49.5 74.3
87 27.4 18.8 28.2
59 10.1 8.6 13.0





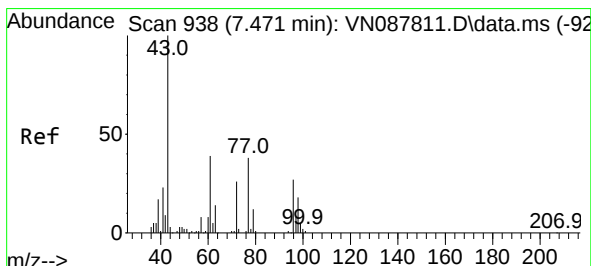
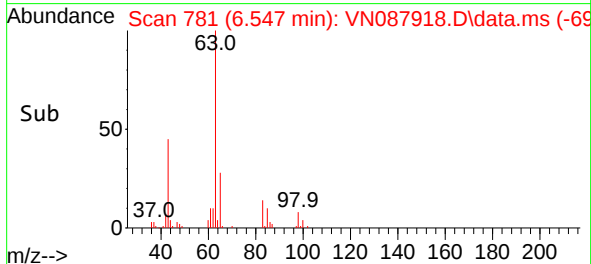
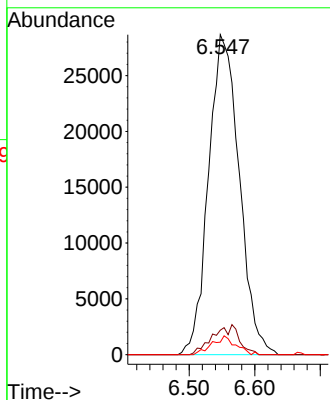
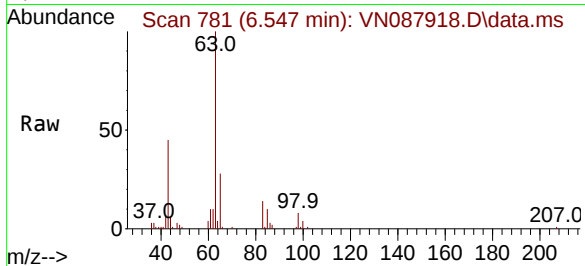
#21
1,1-Dichloroethane
Concen: 14.743 ug/l
RT: 6.547 min Scan# 781
Delta R.T. -0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion: 63 Resp: 9315
Ion Ratio Lower Upper
63 100
98 7.6 2.9 8.8
100 3.9 1.8 5.3

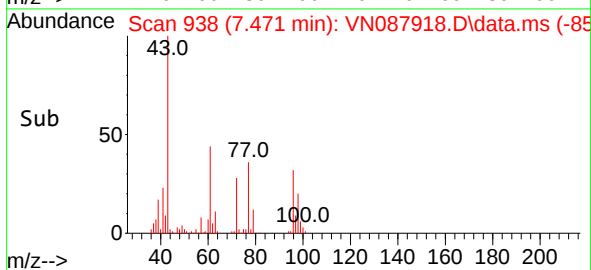
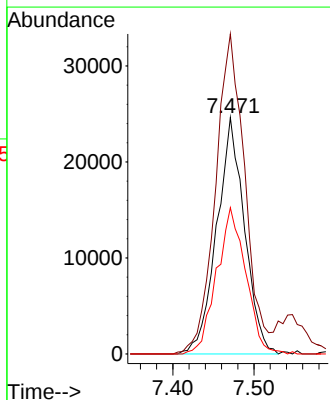
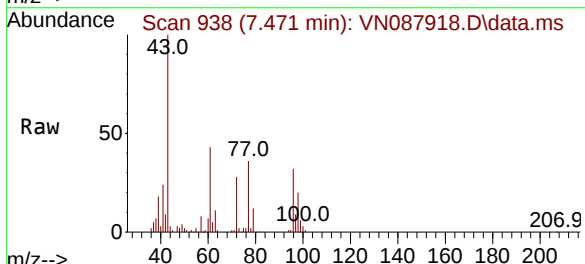
Manual Integrations
APPROVED

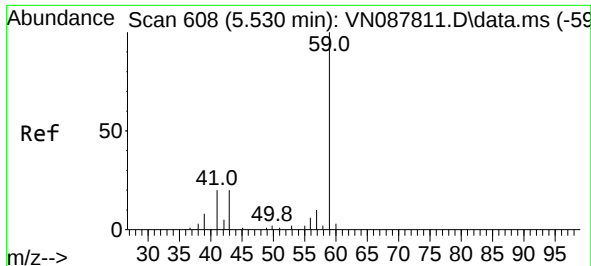
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#22
cis-1,2-Dichloroethene
Concen: 15.390 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Tgt Ion: 96 Resp: 58526
Ion Ratio Lower Upper
96 100
61 142.6 118.2 177.2
98 64.9 51.6 77.4





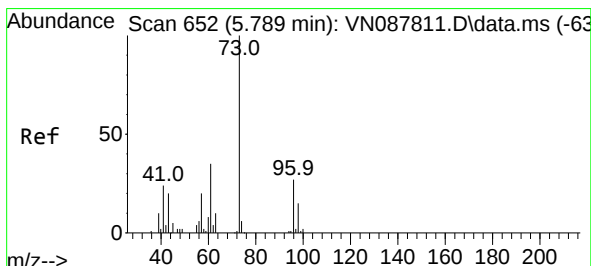
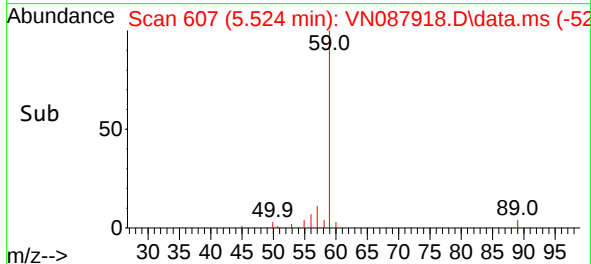
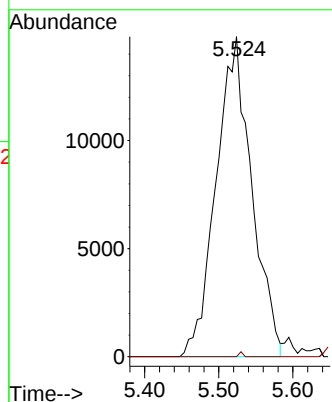
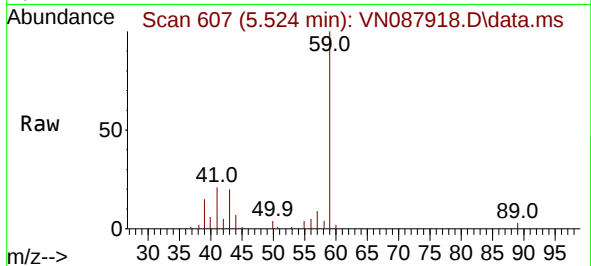
#23
tert-Butyl Alcohol
Concen: 68.542 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion: 59 Resp: 49380
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

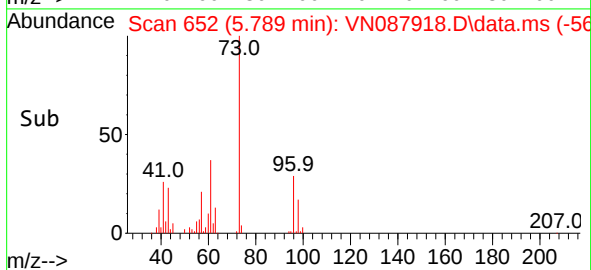
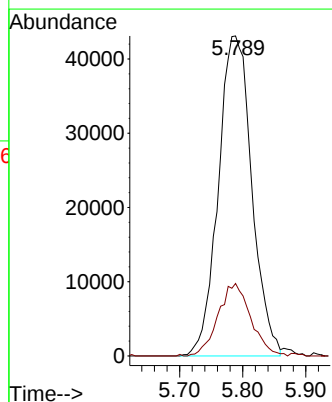
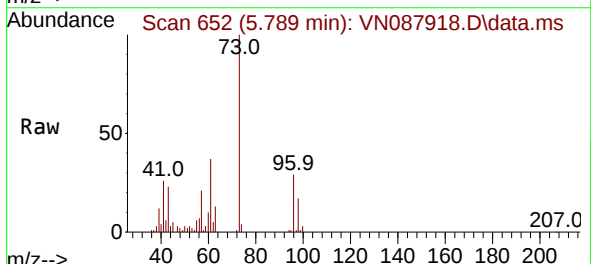
Manual Integrations
APPROVED

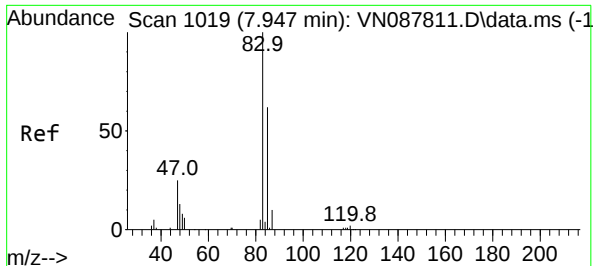
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#24
Methyl tert-Butyl Ether
Concen: 14.467 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Tgt Ion: 73 Resp: 158662
Ion Ratio Lower Upper
73 100
43 22.1 16.8 25.2





#25

Chloroform

Concen: 17.203 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087918.D

Acq: 22 Sep 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(Aug)MS

Tgt Ion: 83 Resp: 113770

Ion Ratio Lower Upper

83 100

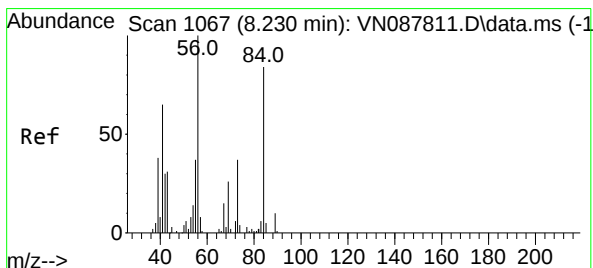
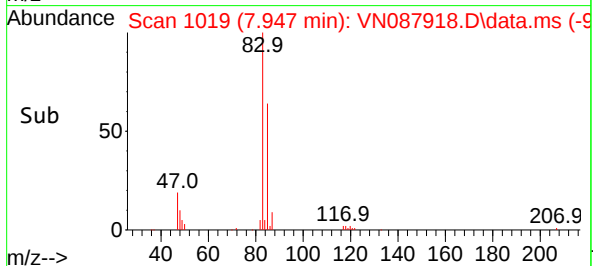
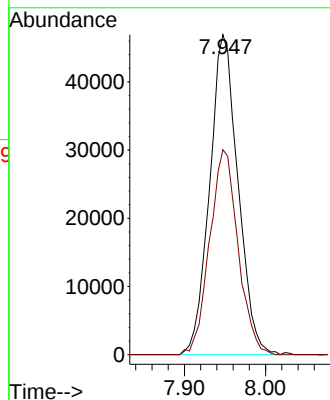
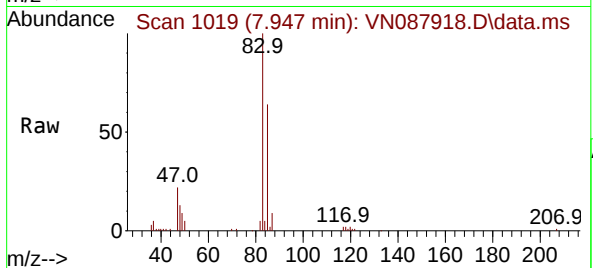
85 64.1 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#26

Cyclohexane

Concen: 11.774 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN087918.D

Acq: 22 Sep 2025 13:45

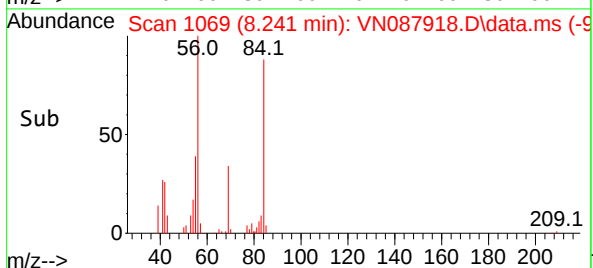
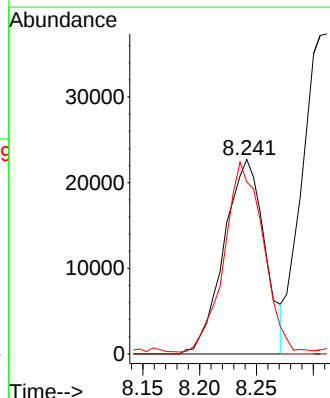
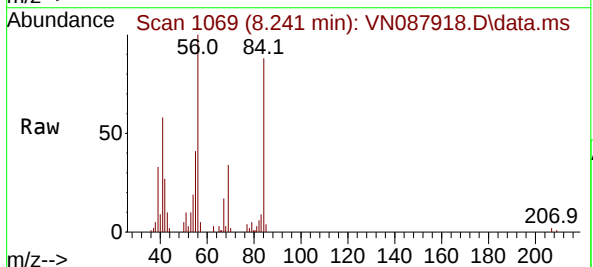
Tgt Ion: 56 Resp: 56655

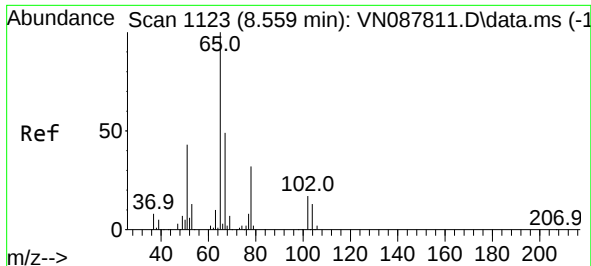
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

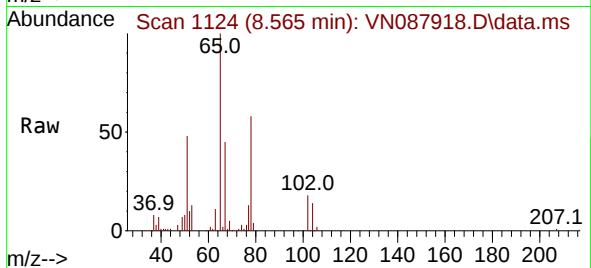
84 92.9 69.4 104.2





#27
1,2-Dichloroethane-d4
Concen: 27.389 ug/l
RT: 8.565 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

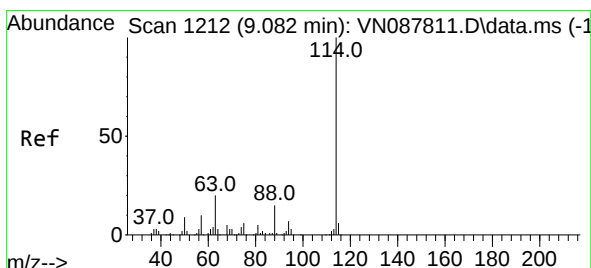
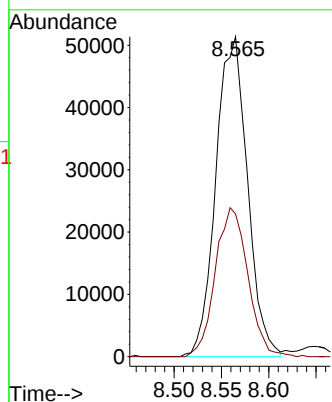
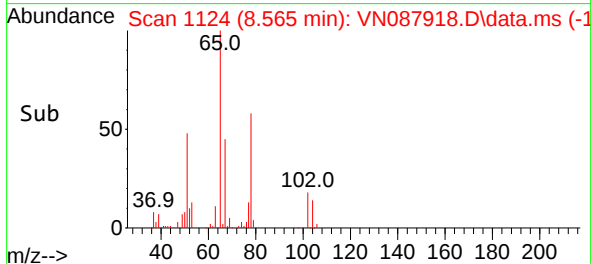
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



Tgt Ion: 65 Resp: 11905
Ion Ratio Lower Upper
65 100
67 47.9 39.6 59.4

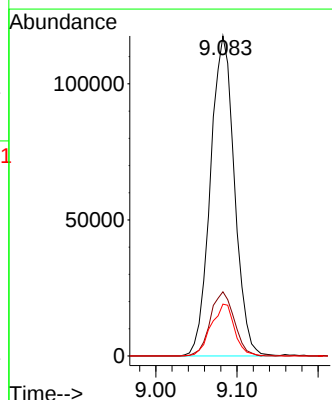
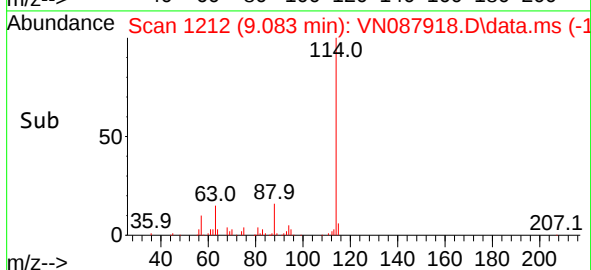
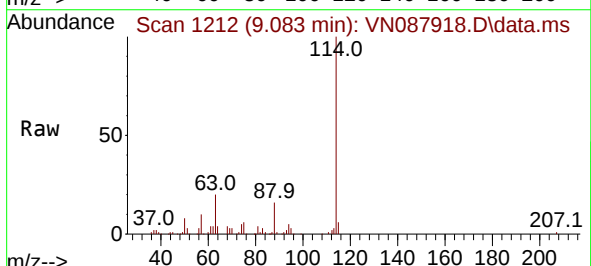
Manual Integrations
APPROVED

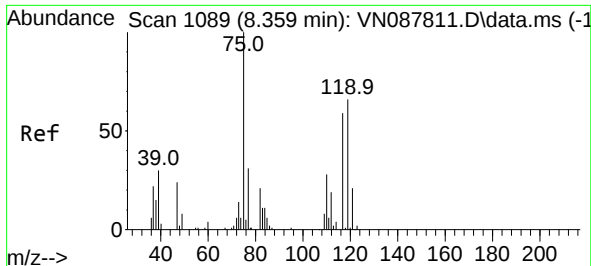
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Tgt Ion:114 Resp: 242033
Ion Ratio Lower Upper
114 100
63 19.9 18.3 27.5
88 15.8 12.4 18.6





#29

1,1-Dichloropropene

Concen: 14.928 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087918.D

Acq: 22 Sep 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(Aug)MS

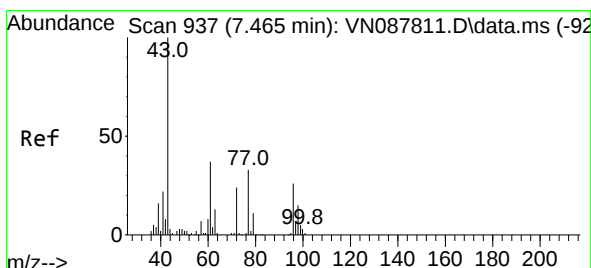
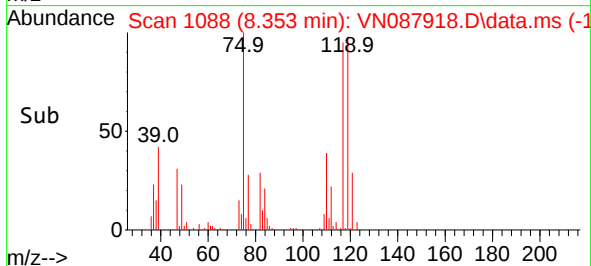
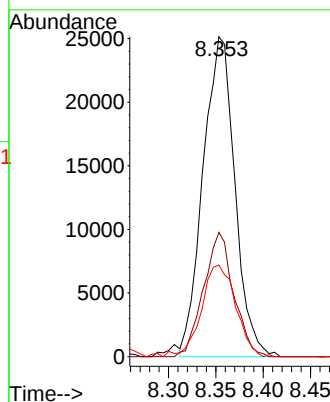
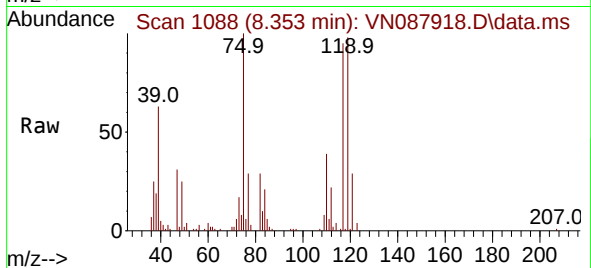
Tgt Ion: 75	Resp: 58719
Ion Ratio	Lower Upper
75 100	
110 36.7	0.0 64.4
77 30.3	0.0 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#30

2-Butanone

Concen: 73.454 ug/l

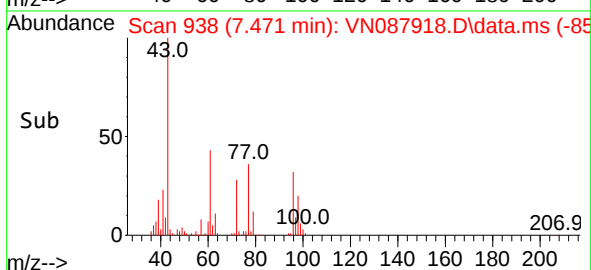
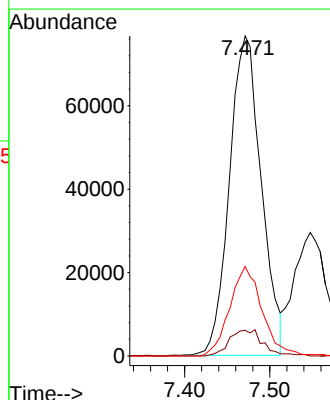
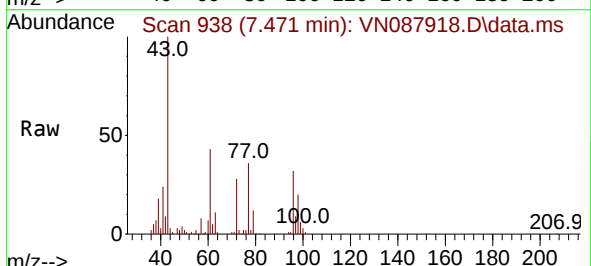
RT: 7.471 min Scan# 938

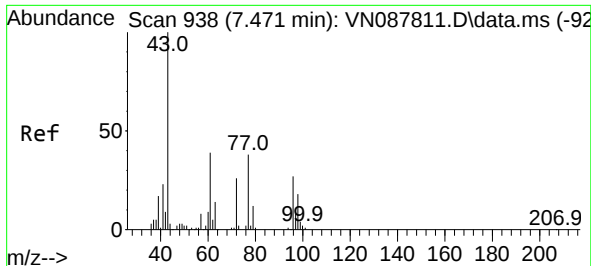
Delta R.T. -0.000 min

Lab File: VN087918.D

Acq: 22 Sep 2025 13:45

Tgt Ion: 43	Resp: 199036
Ion Ratio	Lower Upper
43 100	
57 5.6	6.3 9.5#
72 28.5	21.4 32.2





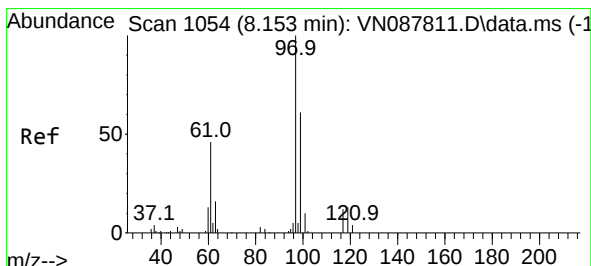
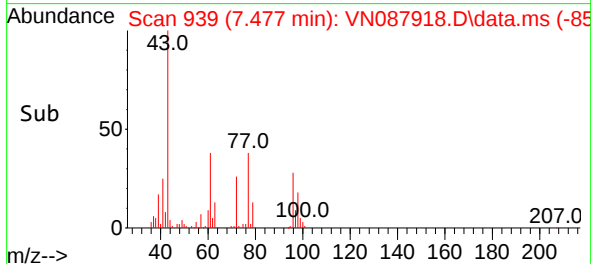
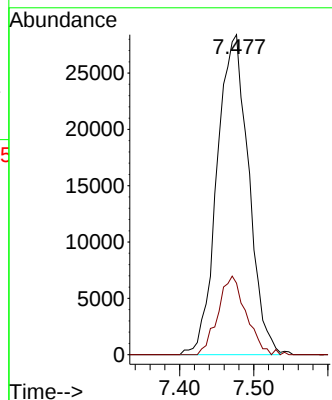
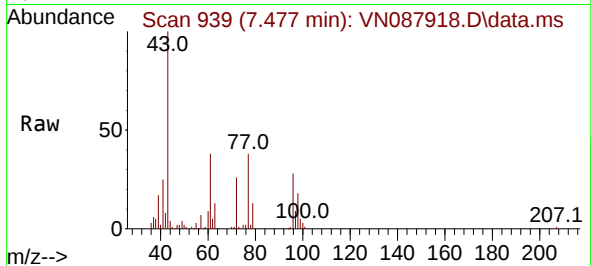
#31
2,2-Dichloropropane
Concen: 17.710 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion: 77 Resp: 8397
Ion Ratio Lower Upper
77 100
97 21.7 17.1 25.7

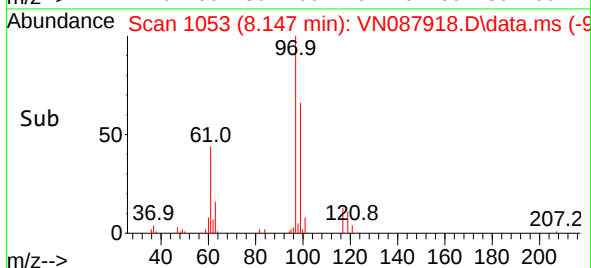
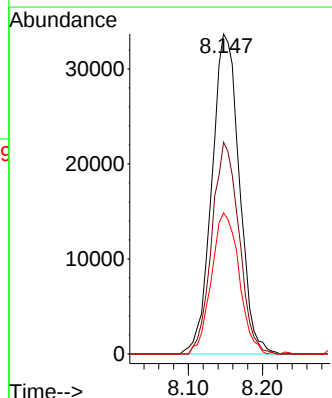
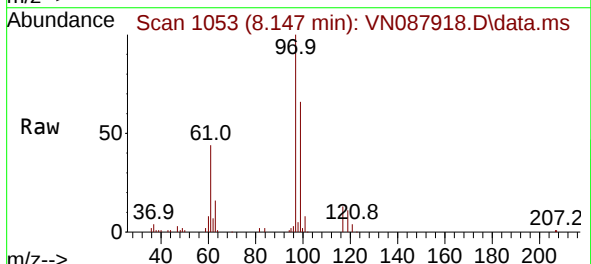
Manual Integrations
APPROVED

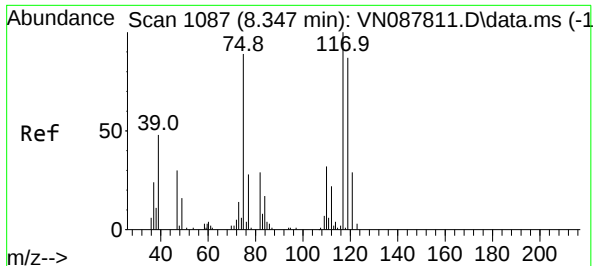
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#32
1,1,1-Trichloroethane
Concen: 17.369 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

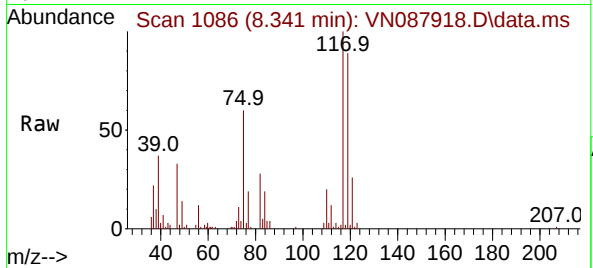
Tgt Ion: 97 Resp: 86616
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.4
61 44.4 37.9 56.9





#33
Carbon Tetrachloride
Concen: 17.160 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

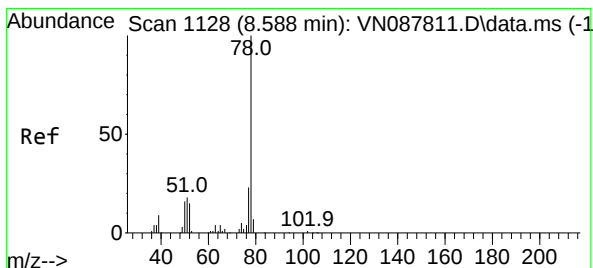
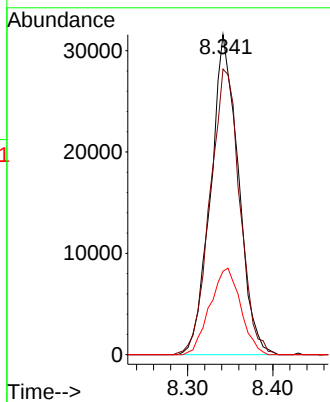
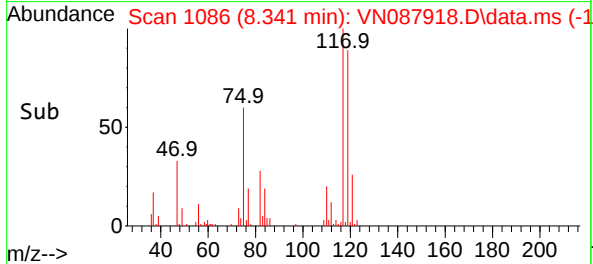
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



Tgt Ion:117 Resp: 7135
Ion Ratio Lower Upper
117 100
119 89.2 77.3 115.9
121 26.0 26.6 39.8

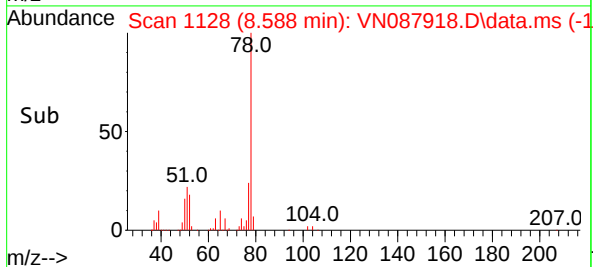
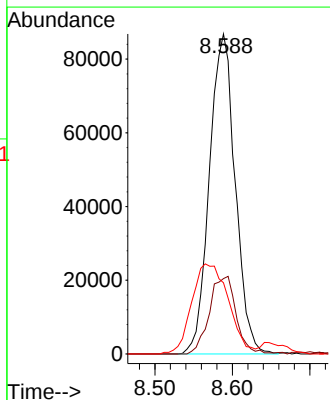
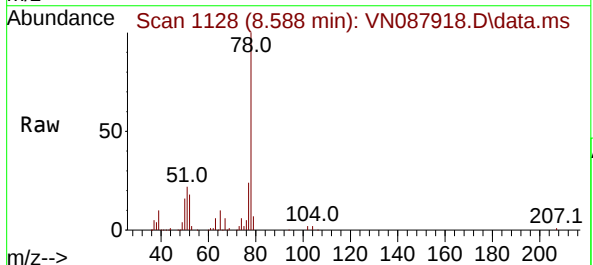
Manual Integrations
APPROVED

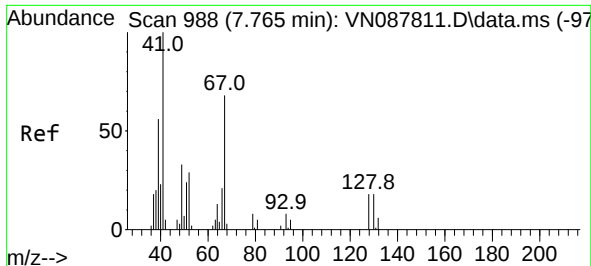
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#34
Benzene
Concen: 15.801 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Tgt Ion: 78 Resp: 200873
Ion Ratio Lower Upper
78 100
77 23.5 20.3 30.5
51 19.9 18.0 27.0





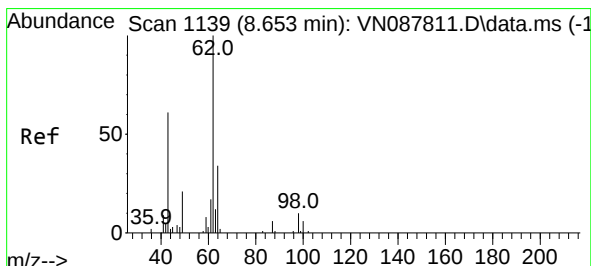
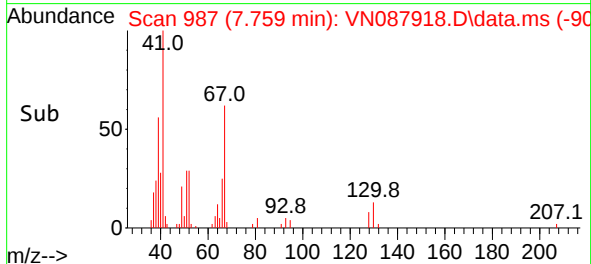
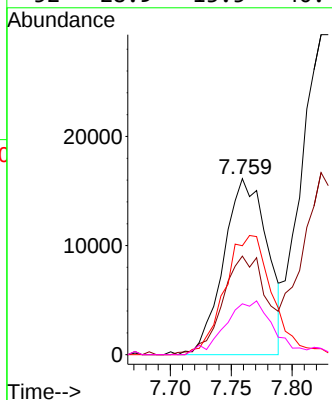
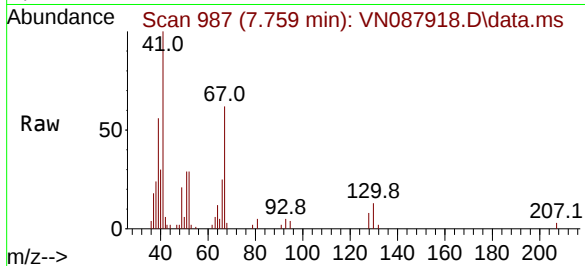
#35
Methacrylonitrile
Concen: 14.216 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion:	41	Resp:	4029
Ion Ratio	Lower	Upper	
41	100		
39	54.7	27.1	81.2
67	61.9	32.1	96.5
52	28.9	13.5	40.4

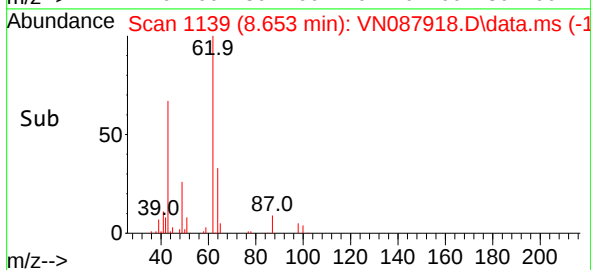
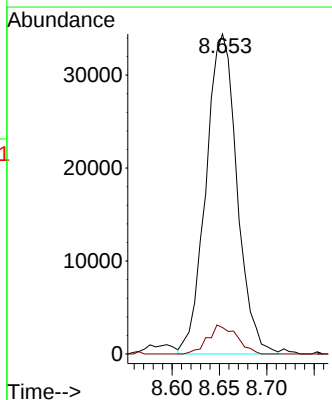
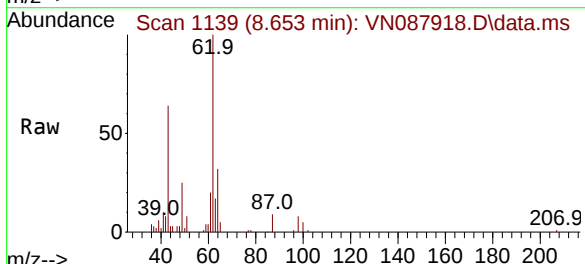
Manual Integrations
APPROVED

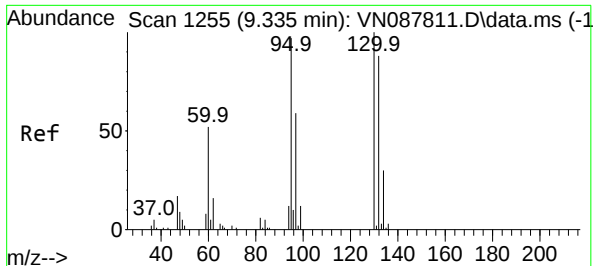
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#36
1,2-Dichloroethane
Concen: 16.364 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Tgt Ion:	62	Resp:	78578
Ion Ratio	Lower	Upper	
62	100		
98	8.4	7.2	10.8





#37

Trichloroethene

Concen: 17.205 ug/l

RT: 9.330 min Scan# 1255

Delta R.T. -0.006 min

Lab File: VN087918.D

Acq: 22 Sep 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(Aug)MS

Tgt Ion:130 Resp: 48894

Ion Ratio Lower Upper

130 100

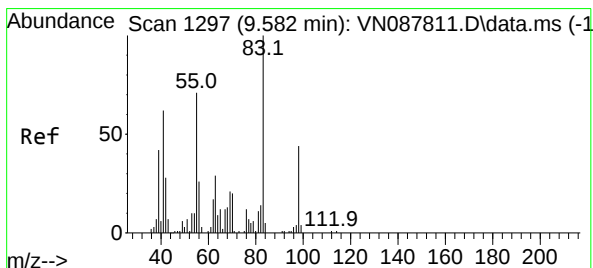
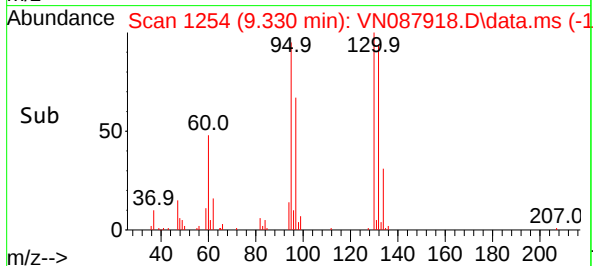
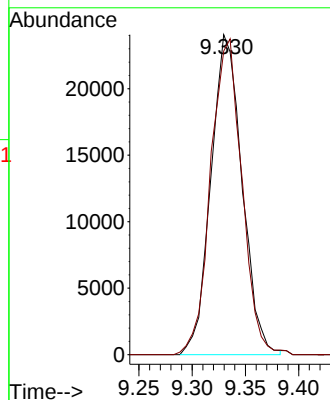
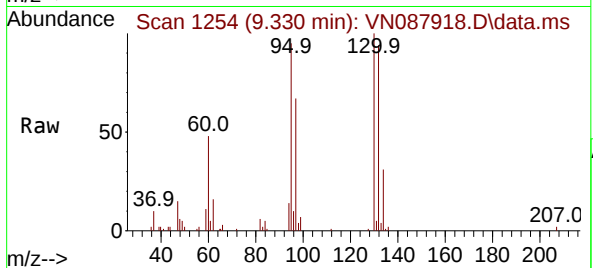
95 94.1 82.7 124.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#38

Methylcyclohexane

Concen: 14.570 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN087918.D

Acq: 22 Sep 2025 13:45

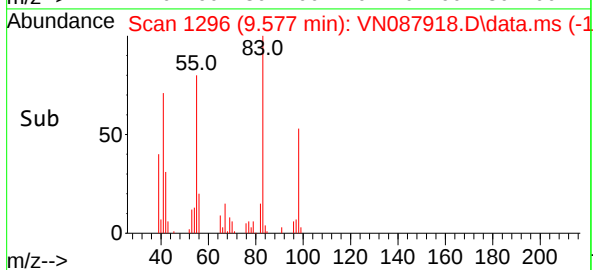
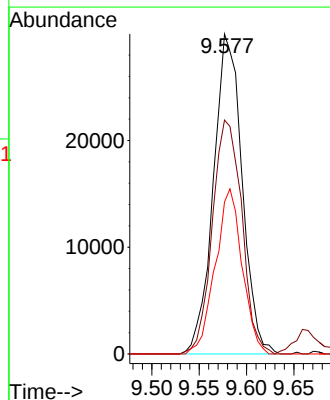
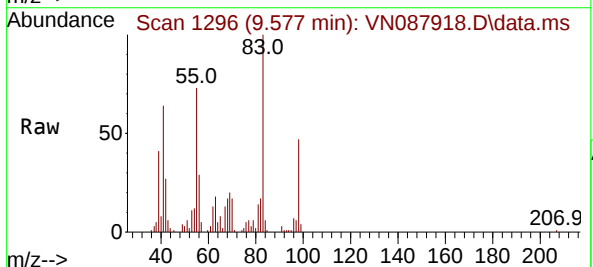
Tgt Ion: 83 Resp: 63104

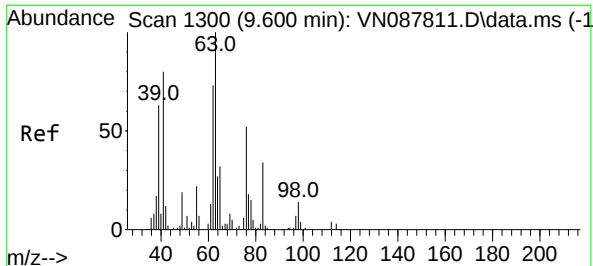
Ion Ratio Lower Upper

83 100

55 75.0 40.4 121.1

98 48.5 24.0 72.0





#39

1,2-Dichloropropane

Concen: 16.165 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087918.D

Acq: 22 Sep 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(Aug)MS

Tgt Ion: 63 Resp: 5263

Ion Ratio Lower Upper

63 100

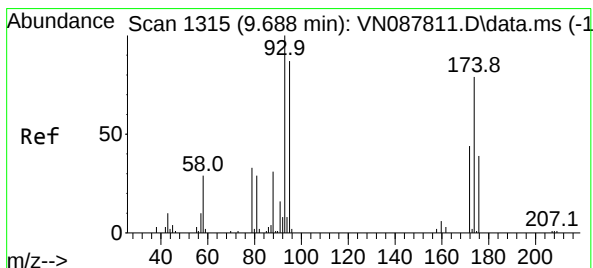
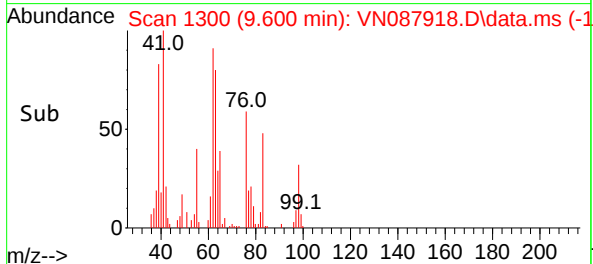
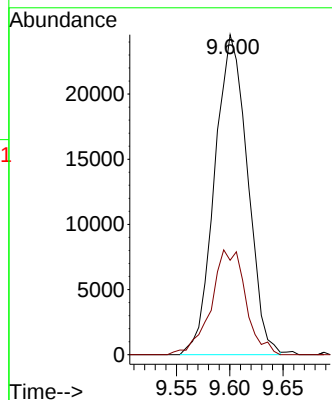
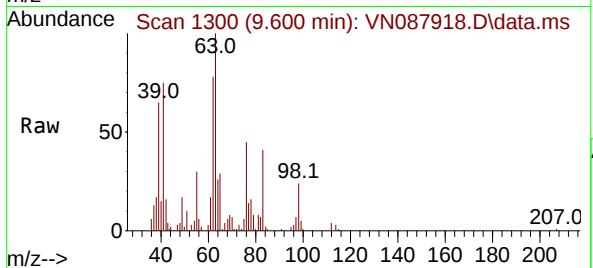
65 29.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#40

Dibromomethane

Concen: 17.501 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087918.D

Acq: 22 Sep 2025 13:45

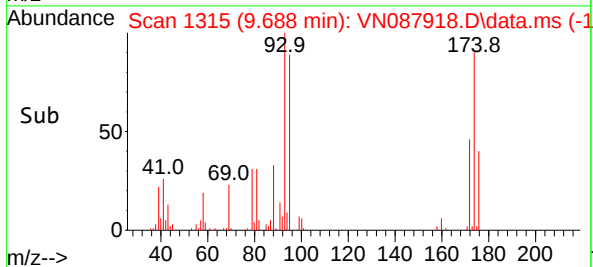
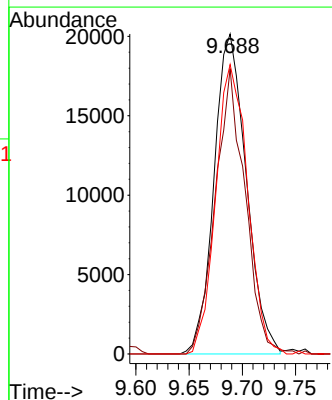
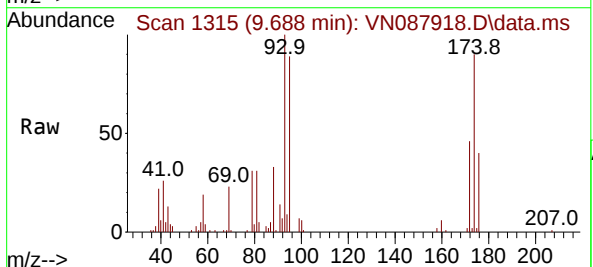
Tgt Ion: 93 Resp: 42406

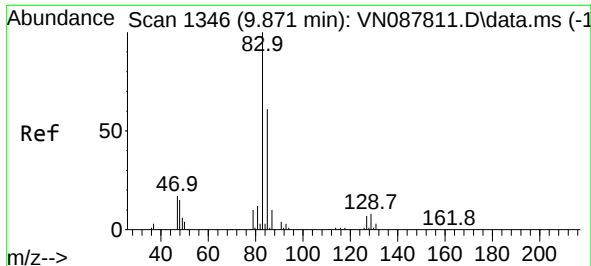
Ion Ratio Lower Upper

93 100

95 81.9 0.0 168.4

174 89.4 0.0 162.8





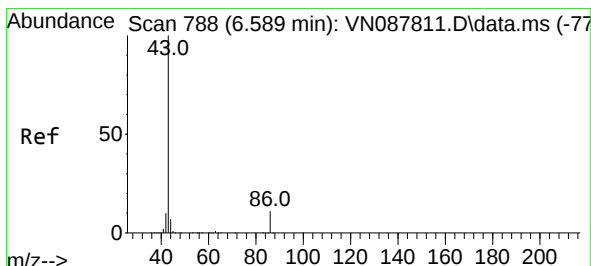
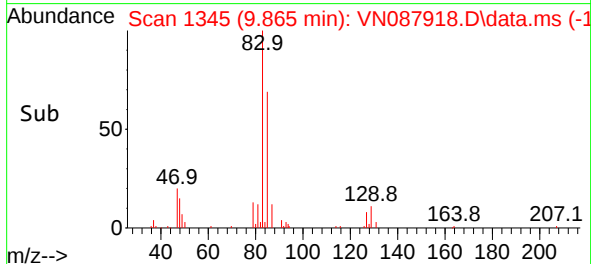
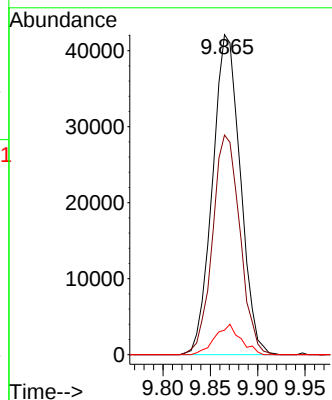
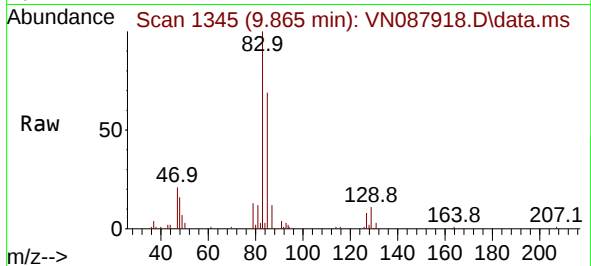
#41
Bromodichloromethane
Concen: 17.398 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion: 83 Resp: 86160
Ion Ratio Lower Upper
83 100
85 68.6 47.3 70.9
127 7.6 5.2 7.8

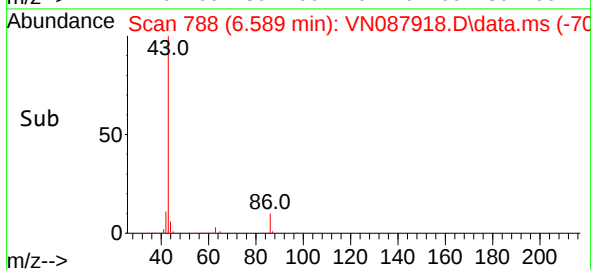
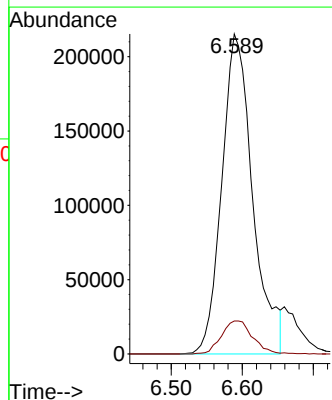
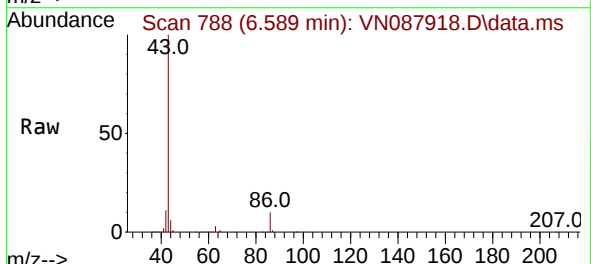
Manual Integrations
APPROVED

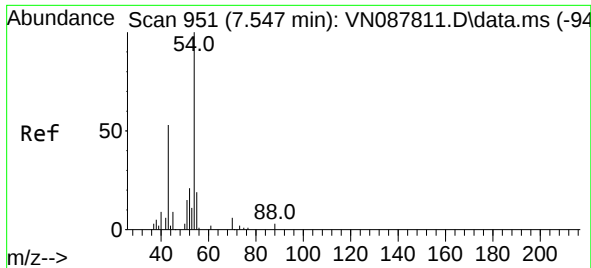
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#42
Vinyl Acetate
Concen: 71.903 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

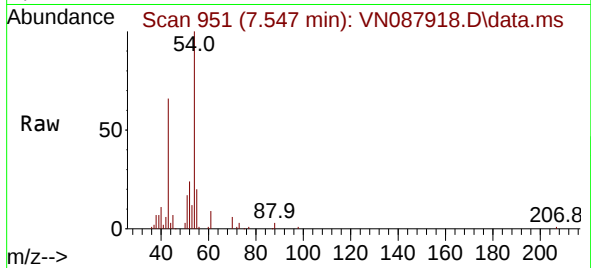
Tgt Ion: 43 Resp: 650976
Ion Ratio Lower Upper
43 100
86 10.3 7.7 11.5





#43
Ethyl Acetate
Concen: 14.498 ug/l m
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

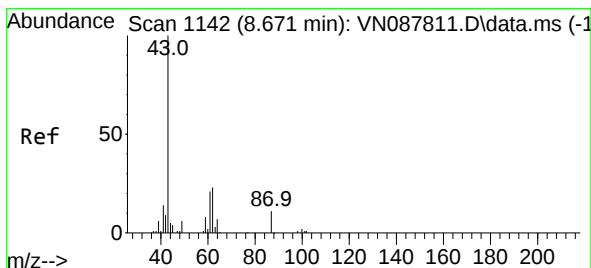
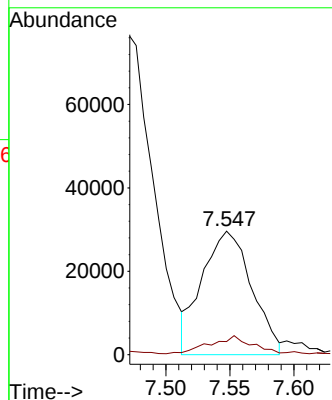
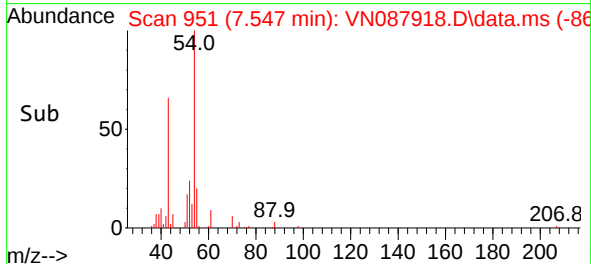
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



Tgt Ion: 43 Resp: 8026
Ion Ratio Lower Upper
43 100
45 13.5 10.5 15.7

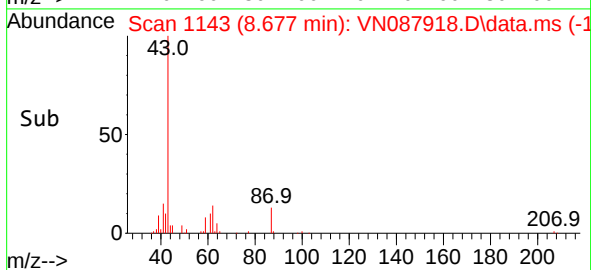
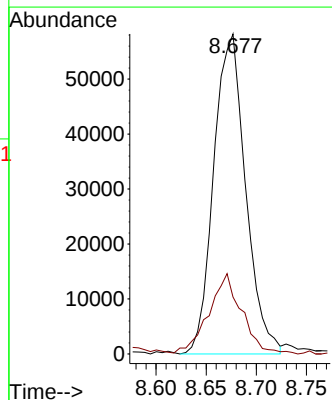
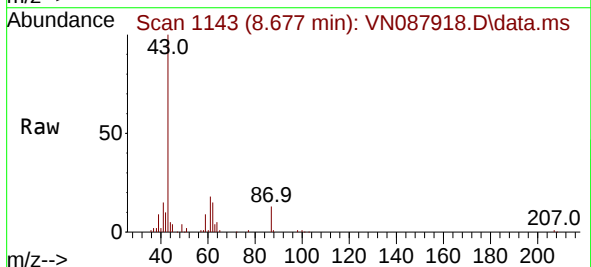
Manual Integrations
APPROVED

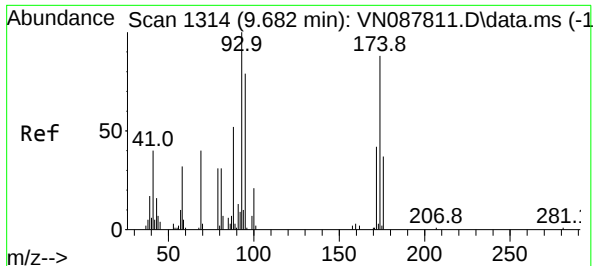
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#44
Isopropyl Acetate
Concen: 14.830 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Tgt Ion: 43 Resp: 128711
Ion Ratio Lower Upper
43 100
61 26.0 19.5 29.3





#45

1,4-Dioxane

Concen: 317.366 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087918.D

Acq: 22 Sep 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(Aug)MS

Tgt Ion: 88 Resp: 17370

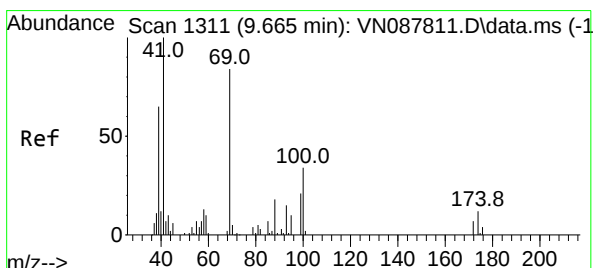
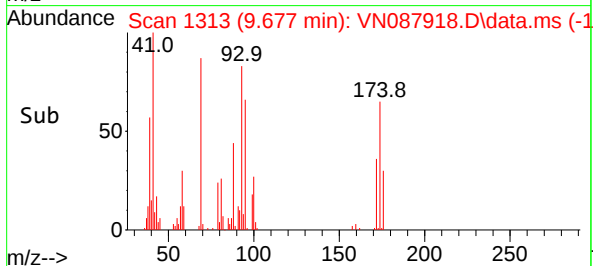
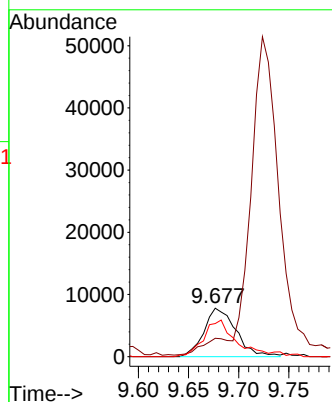
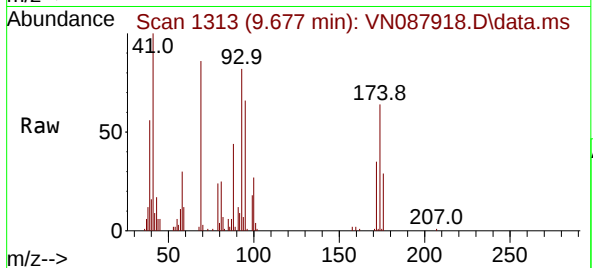
Ion	Ratio	Lower	Upper
88	100		
43	31.8	23.6	35.4
58	74.7	60.5	90.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#46

Methyl methacrylate

Concen: 14.656 ug/l

RT: 9.659 min Scan# 1310

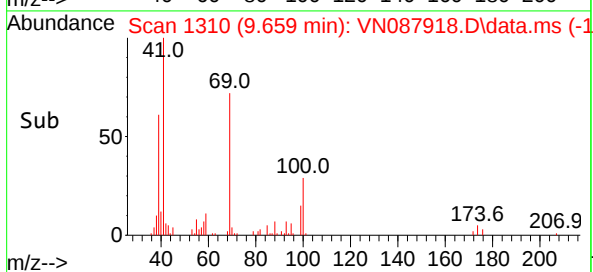
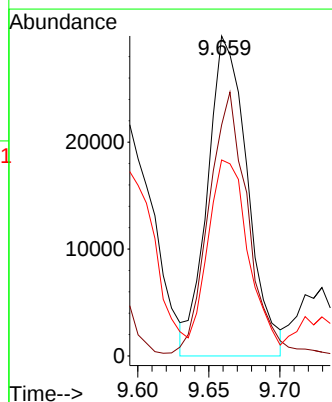
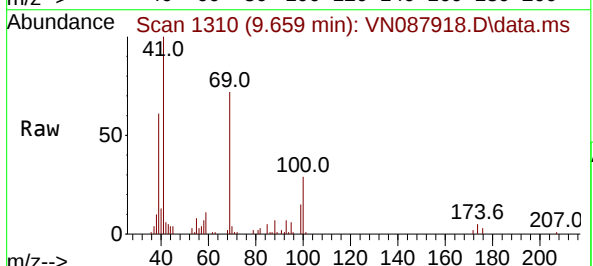
Delta R.T. -0.006 min

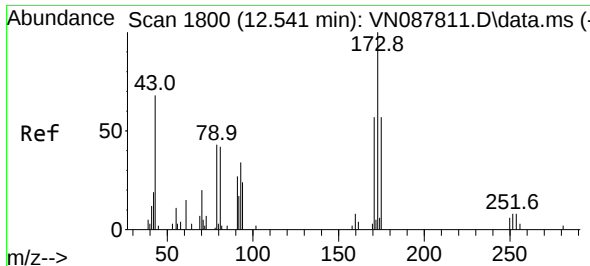
Lab File: VN087918.D

Acq: 22 Sep 2025 13:45

Tgt Ion: 41 Resp: 58629

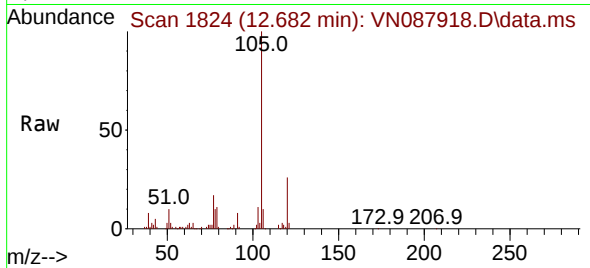
Ion	Ratio	Lower	Upper
41	100		
69	75.6	40.3	120.9
39	63.0	31.9	95.9





#47
n-amyl acetate
Concen: 13.422 ug/l m
RT: 12.682 min Scan# 1800
Delta R.T. 0.012 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

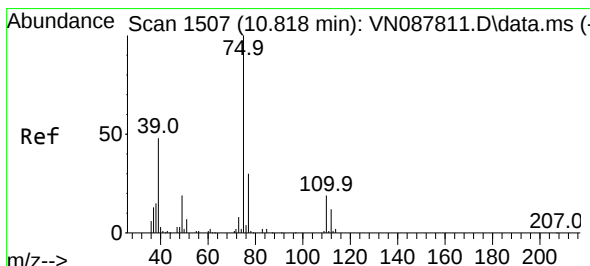
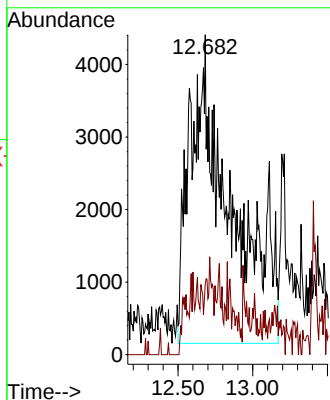
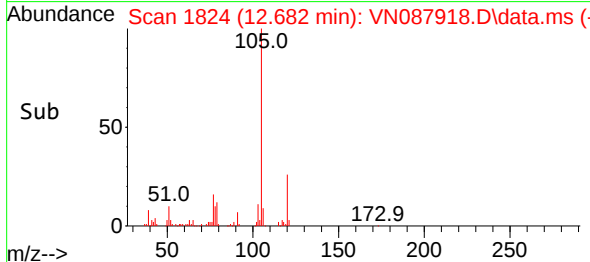
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



Tgt Ion: 43 Resp: 7872
Ion Ratio Lower Upper
43 100
55 1.8 0.7 1.1

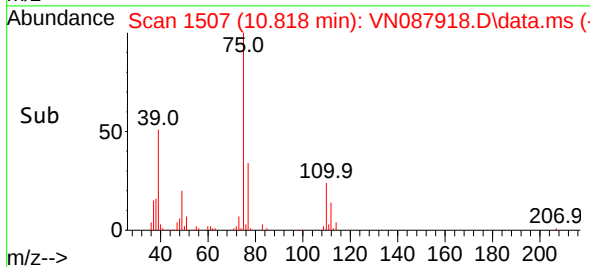
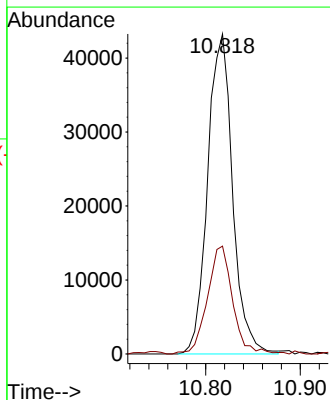
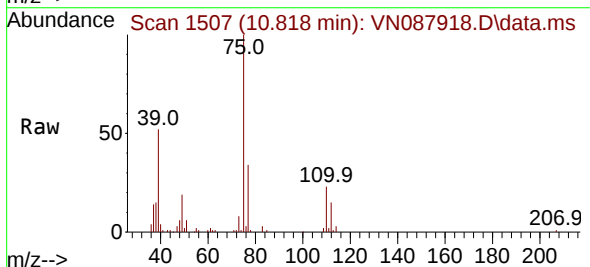
Manual Integrations
APPROVED

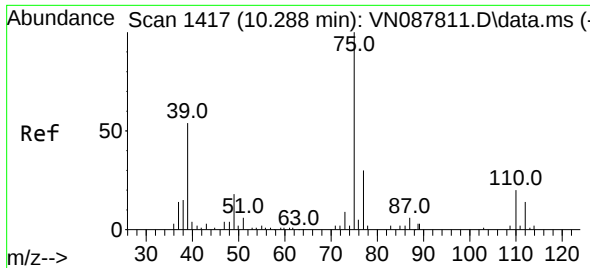
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#48
t-1,3-Dichloropropene
Concen: 15.363 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

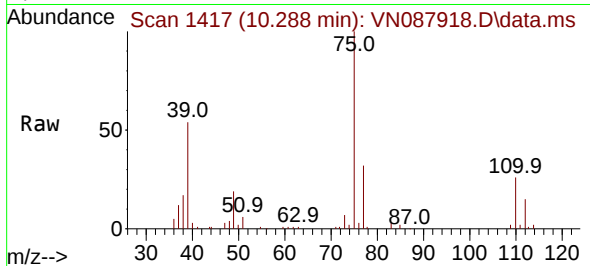
Tgt Ion: 75 Resp: 79021
Ion Ratio Lower Upper
75 100
77 33.2 24.7 37.1





#49
 cis-1,3-Dichloropropene
 Concen: 15.328 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VN087918.D
 Acq: 22 Sep 2025 13:45

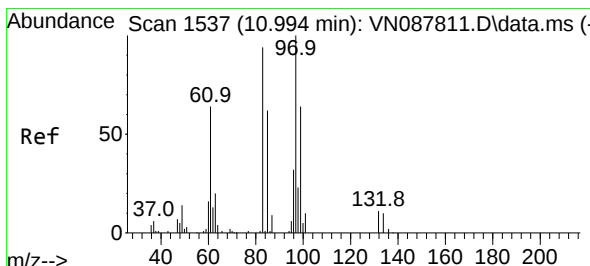
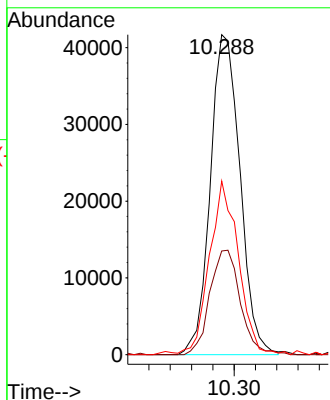
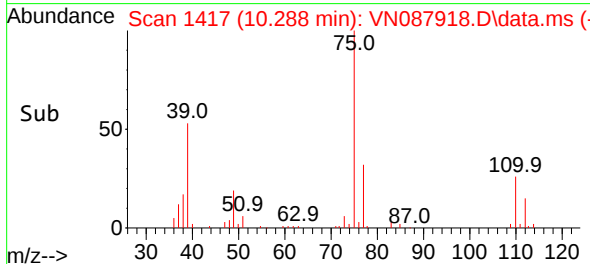
Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave(Aug)MS



Tgt Ion: 75 Resp: 8075
 Ion Ratio Lower Upper
 75 100
 77 32.4 27.8 41.6
 39 53.8 47.6 71.4

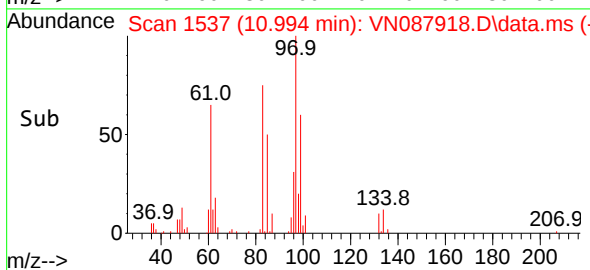
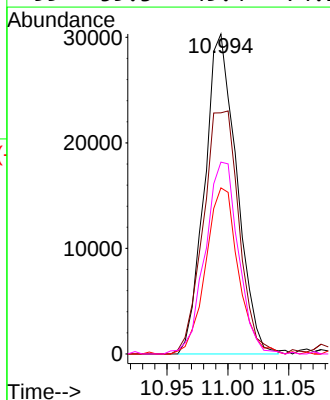
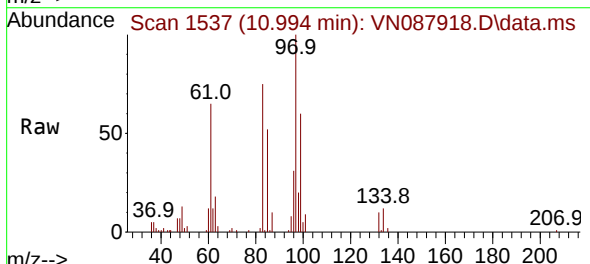
Manual Integrations
 APPROVED

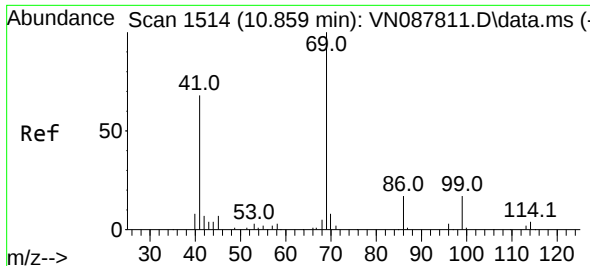
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025



#50
 1,1,2-Trichloroethane
 Concen: 17.779 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087918.D
 Acq: 22 Sep 2025 13:45

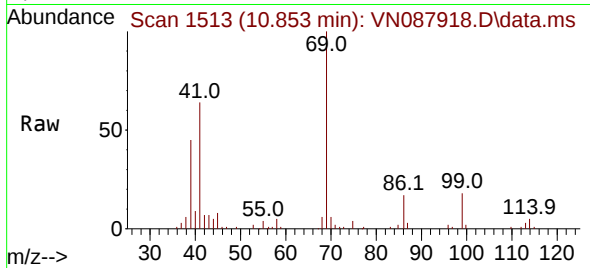
Tgt Ion: 97 Resp: 55643
 Ion Ratio Lower Upper
 97 100
 83 74.5 70.5 105.7
 85 51.3 46.3 69.5
 99 59.3 49.4 74.2





#51
Ethyl methacrylate
Concen: 14.395 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

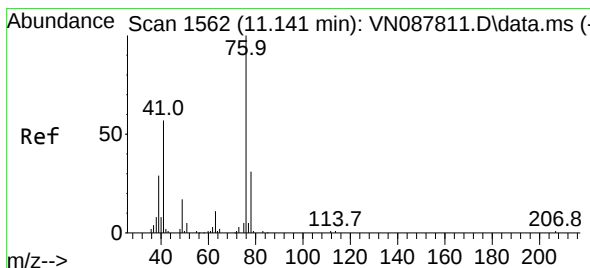
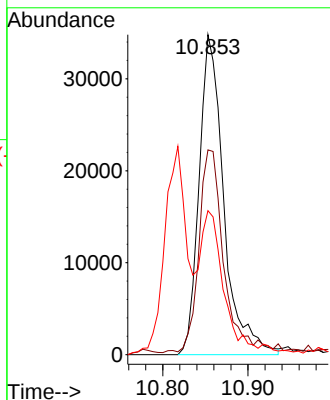
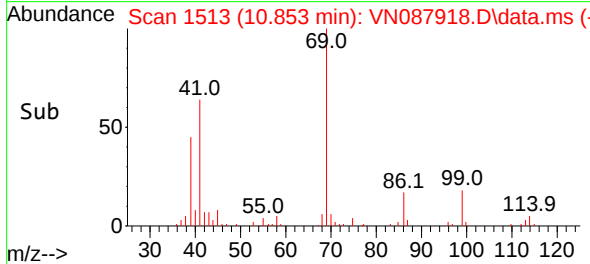
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



Tgt Ion: 69 Resp: 70110
Ion Ratio Lower Upper
69 100
41 63.1 33.7 101.0
39 43.8 20.3 60.9

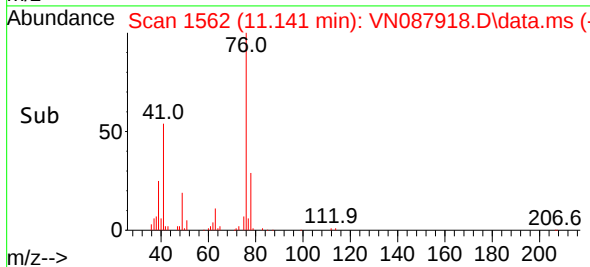
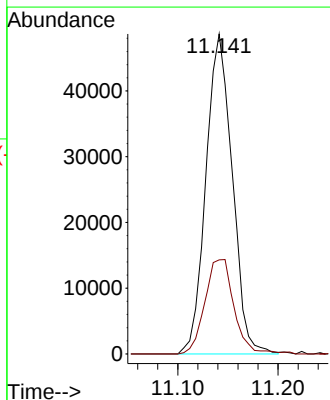
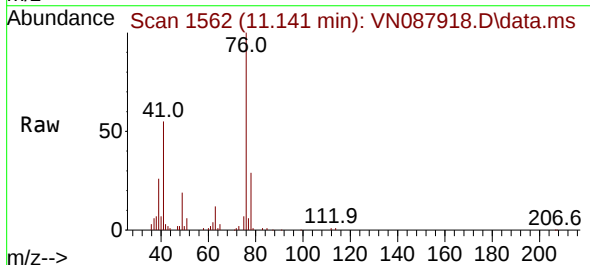
Manual Integrations
APPROVED

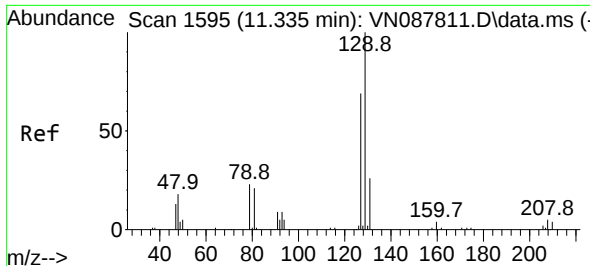
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#52
1,3-Dichloropropane
Concen: 16.367 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

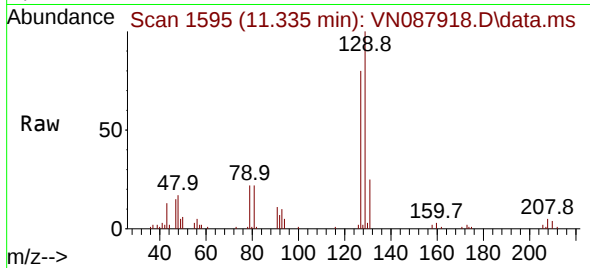
Tgt Ion: 76 Resp: 88945
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.2





#53
Dibromochloromethane
Concen: 19.222 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

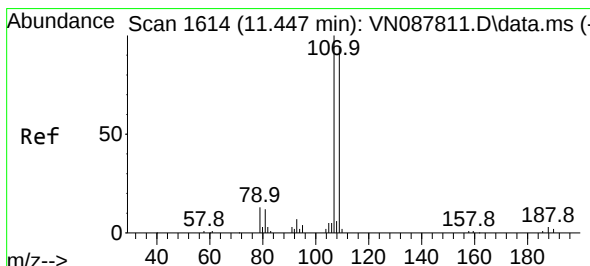
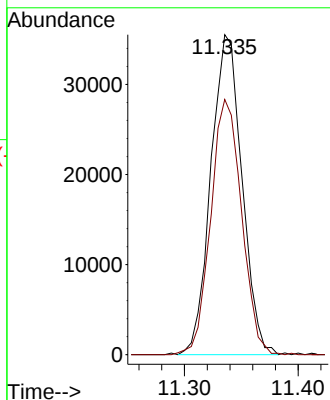
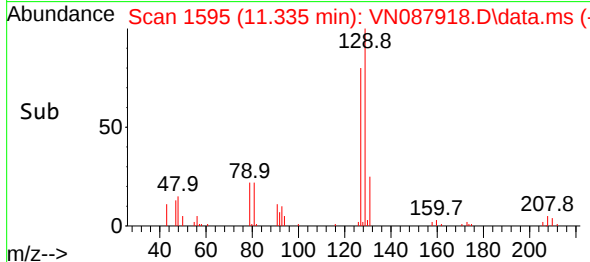
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



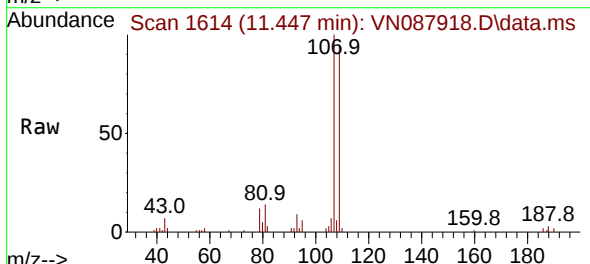
Tgt Ion:129 Resp: 6745
Ion Ratio Lower Upper
129 100
127 79.1 42.6 128.0

Manual Integrations
APPROVED

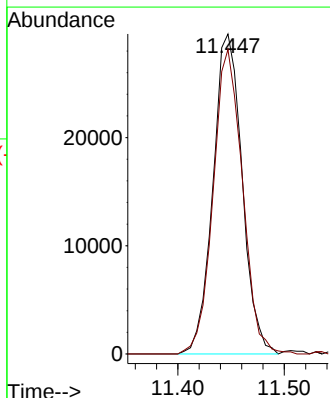
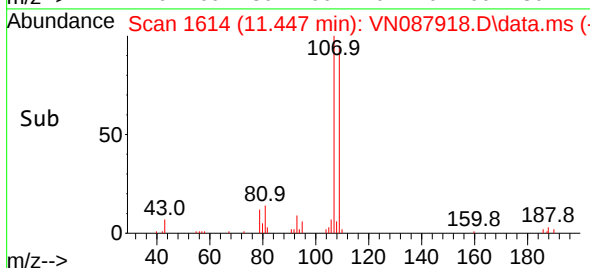
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

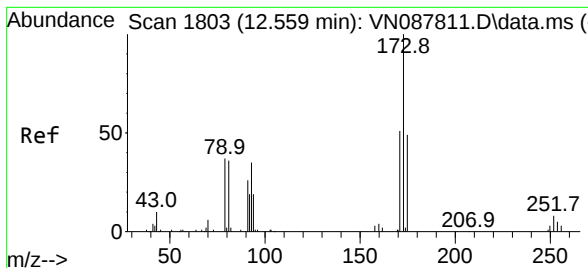


#54
1,2-Dibromoethane
Concen: 17.233 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45



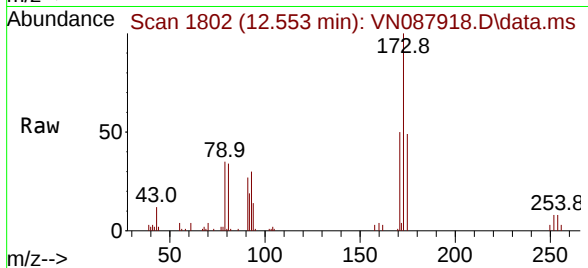
Tgt Ion:107 Resp: 56118
Ion Ratio Lower Upper
107 100
109 95.7 74.6 112.0





#56
Bromoform
Concen: 19.477 ug/l
RT: 12.553 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

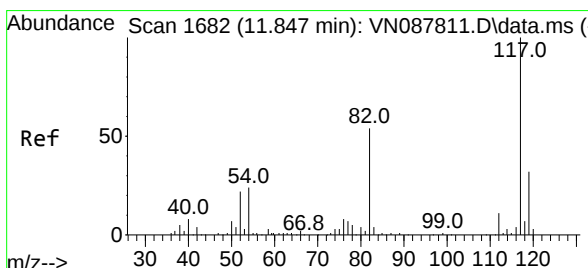
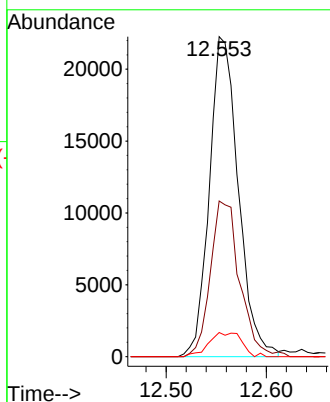
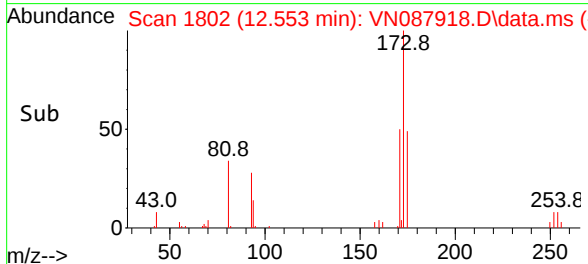
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



Tgt Ion:173 Resp: 4463
Ion Ratio Lower Upper
173 100
175 48.8 39.8 59.6
254 4.8 6.2 9.4

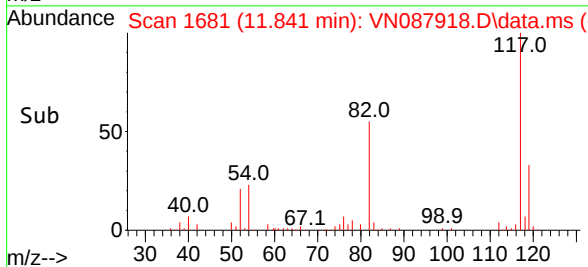
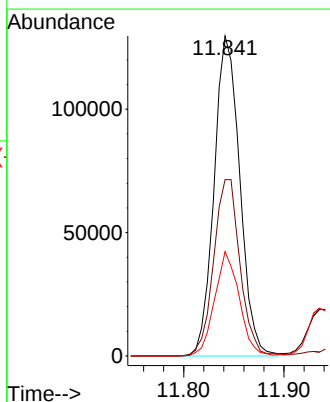
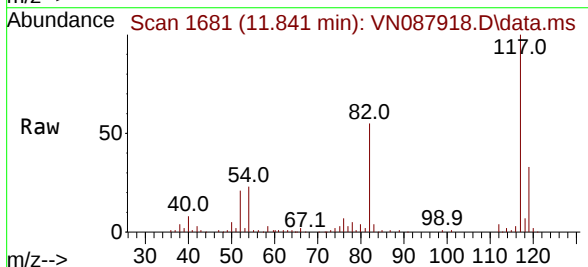
Manual Integrations
APPROVED

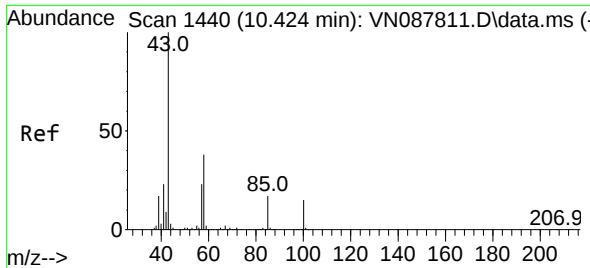
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

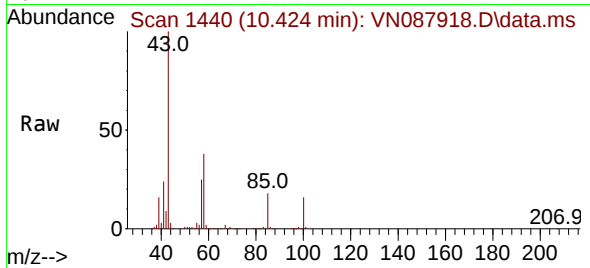
Tgt Ion:117 Resp: 230193
Ion Ratio Lower Upper
117 100
82 56.7 45.9 68.9
119 31.2 25.3 37.9





#58
4-Methyl-2-Pentanone
Concen: 77.991 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

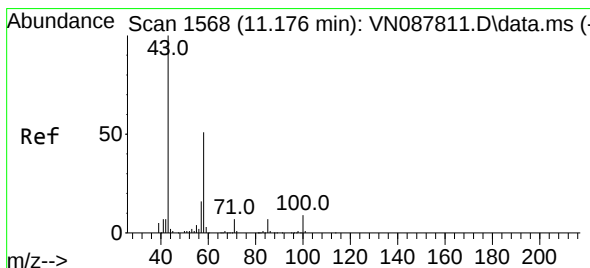
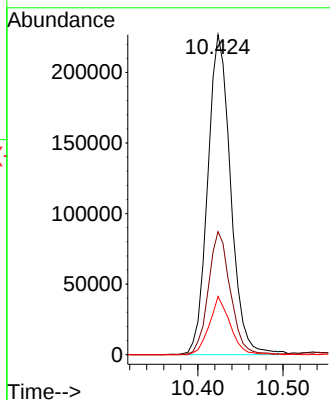
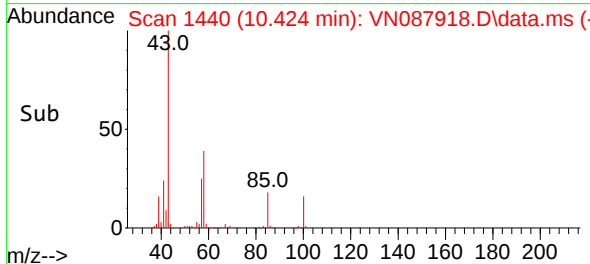
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



Tgt Ion: 43 Resp: 424498
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4
85 16.4 13.0 19.4

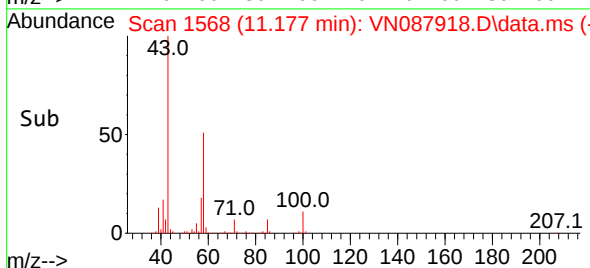
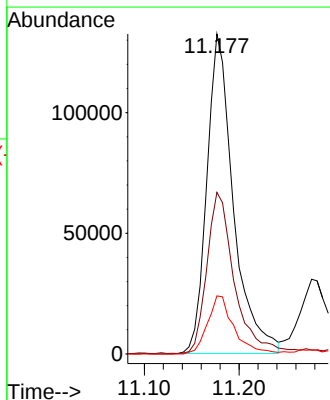
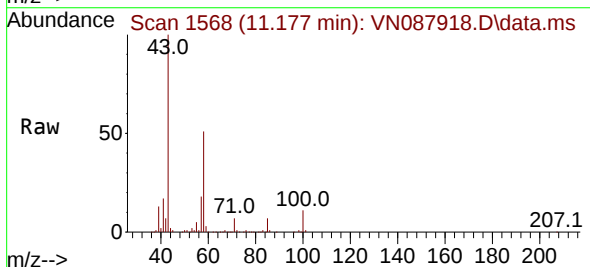
Manual Integrations
APPROVED

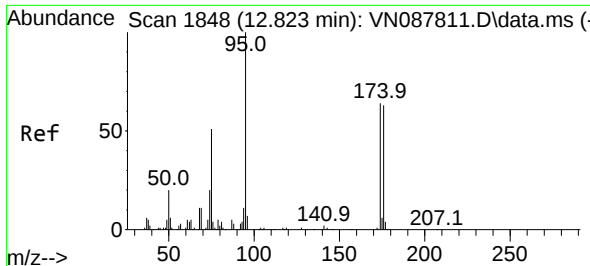
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#59
2-Hexanone
Concen: 72.538 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

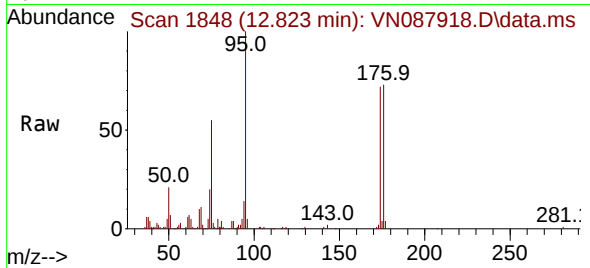
Tgt Ion: 43 Resp: 257987
Ion Ratio Lower Upper
43 100
58 52.9 40.2 60.4
57 17.9 13.7 20.5





#60
4-Bromofluorobenzene
Concen: 29.653 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

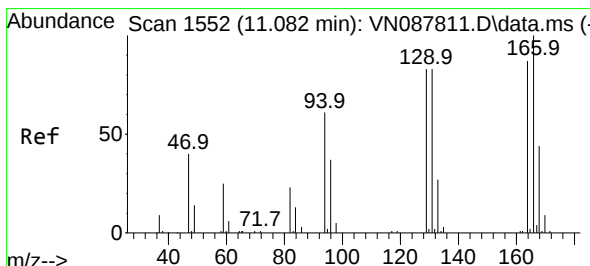
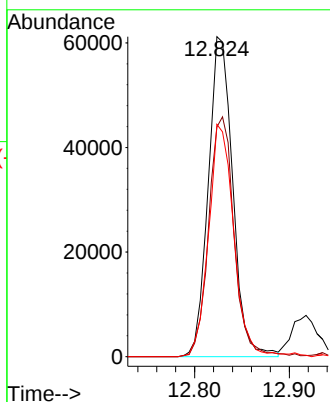
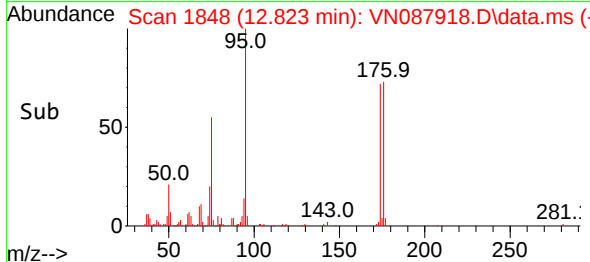
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



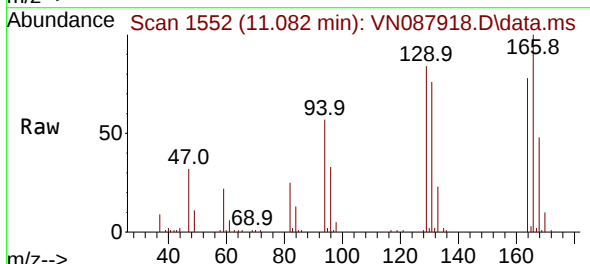
Tgt Ion: 95 Resp: 10975
Ion Ratio Lower Upper
95 100
174 77.4 55.4 83.0
176 74.2 51.5 77.3

Manual Integrations
APPROVED

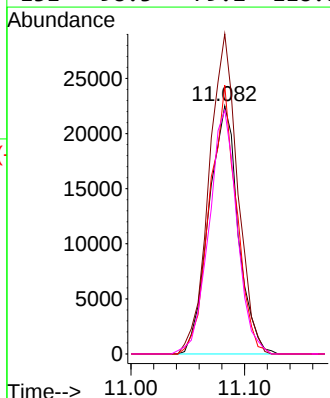
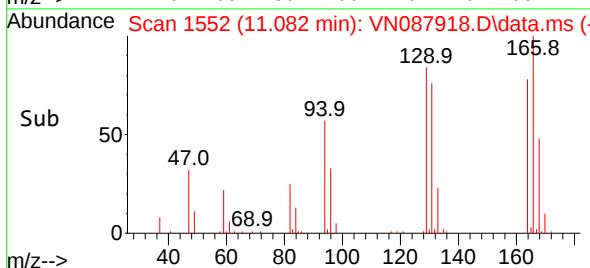
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

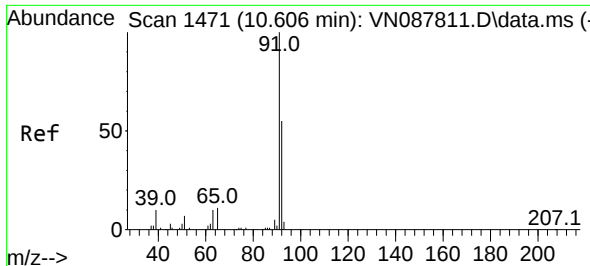


#61
Tetrachloroethene
Concen: 17.723 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45



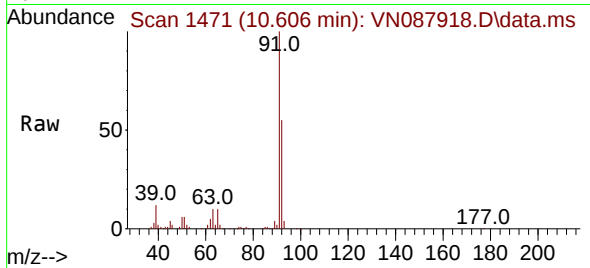
Tgt Ion:164 Resp: 40620
Ion Ratio Lower Upper
164 100
166 129.0 97.3 145.9
129 108.4 78.6 117.8
131 98.3 79.2 118.8





#62
Toluene
Concen: 15.877 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

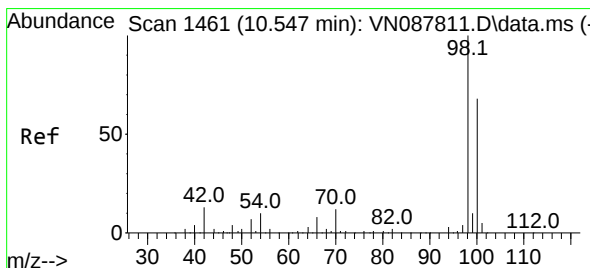
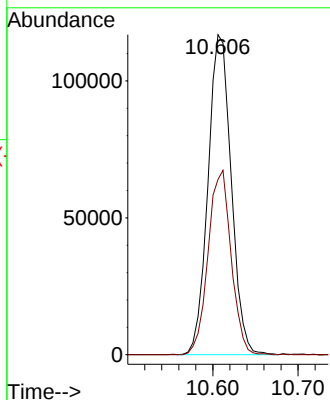
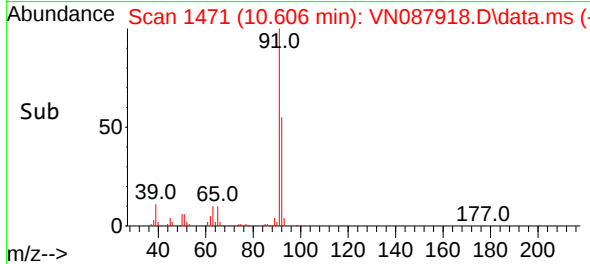
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



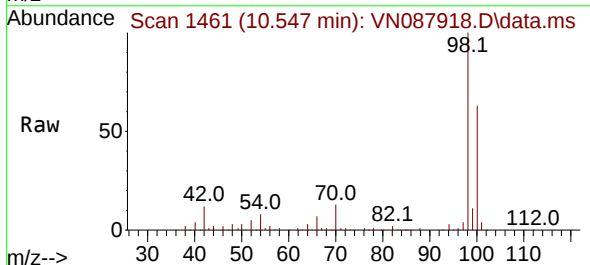
Tgt Ion: 91 Resp: 22107
Ion Ratio Lower Upper
91 100
92 57.0 45.4 68.0

Manual Integrations
APPROVED

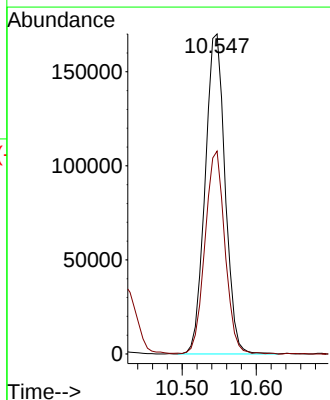
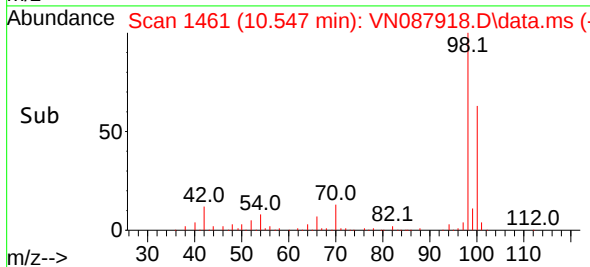
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

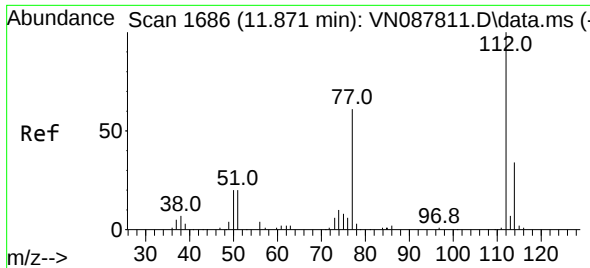


#63
Toluene-d8
Concen: 29.731 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45



Tgt Ion: 98 Resp: 318276
Ion Ratio Lower Upper
98 100
100 63.2 50.6 76.0





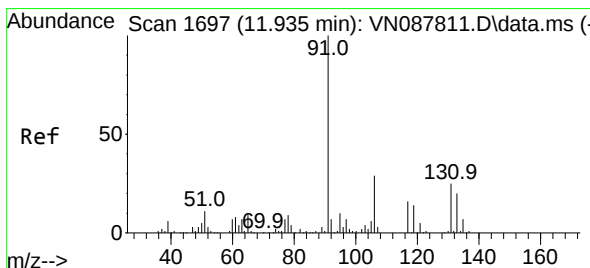
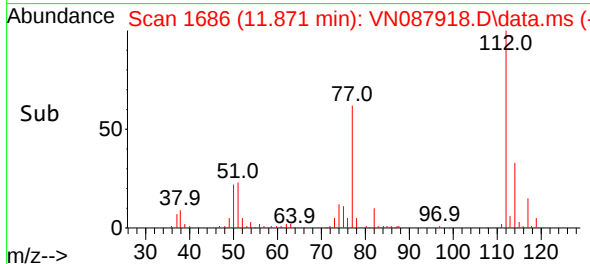
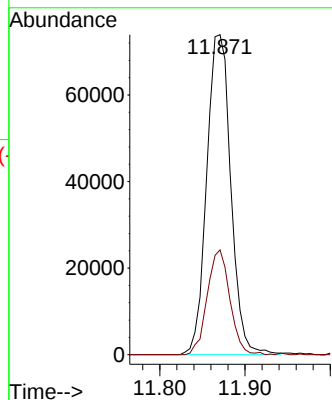
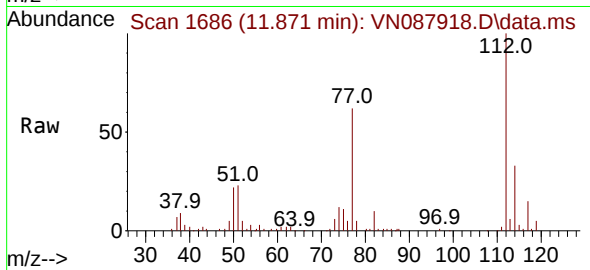
#64
Chlorobenzene
Concen: 17.041 ug/l
RT: 11.871 min Scan# 1187
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion:112 Resp: 14563
Ion Ratio Lower Upper
112 100
114 32.8 23.5 35.3

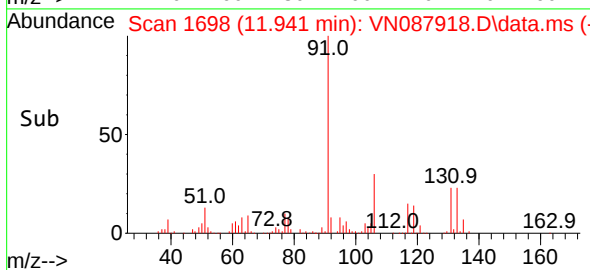
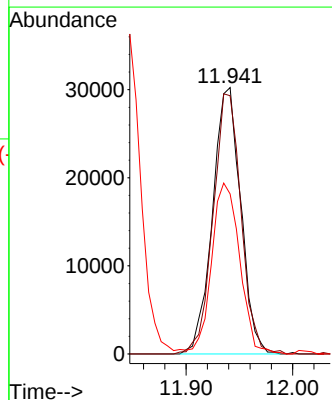
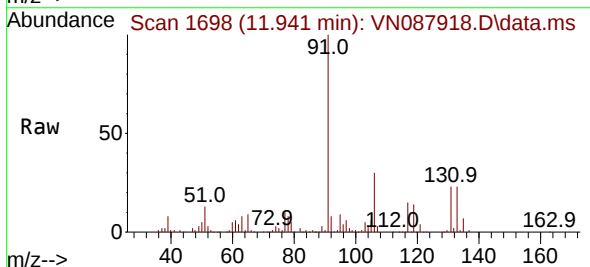
Manual Integrations
APPROVED

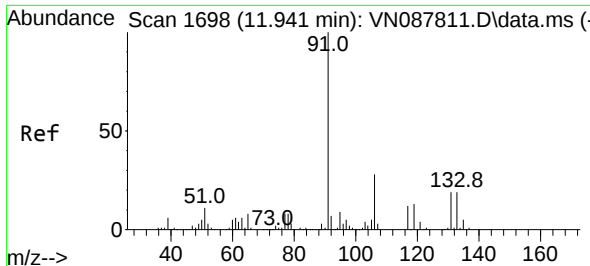
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#65
1,1,1,2-Tetrachloroethane
Concen: 18.496 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

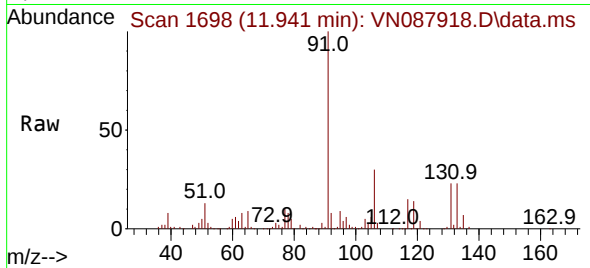
Tgt Ion:131 Resp: 55649
Ion Ratio Lower Upper
131 100
133 96.1 0.0 195.8
119 60.1 0.0 139.0





#66
Ethyl Benzene
Concen: 14.983 ug/l
RT: 11.941 min Scan# 1198
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

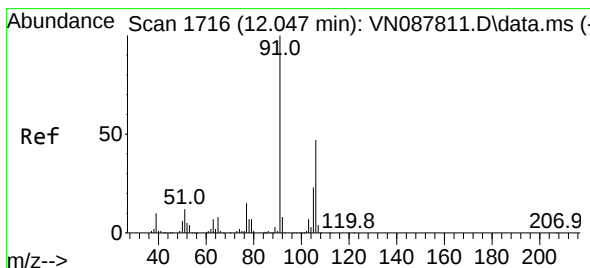
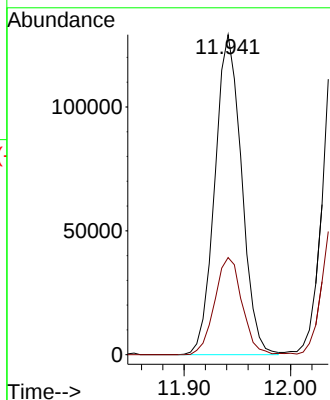
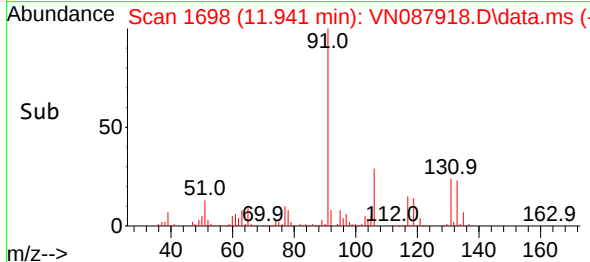
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



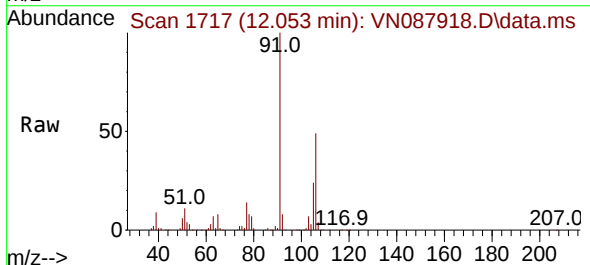
Tgt Ion: 91 Resp: 225064
Ion Ratio Lower Upper
91 100
106 30.3 21.3 31.9

Manual Integrations
APPROVED

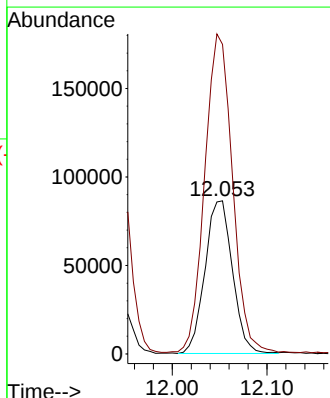
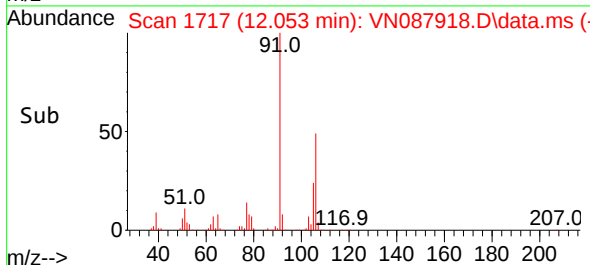
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

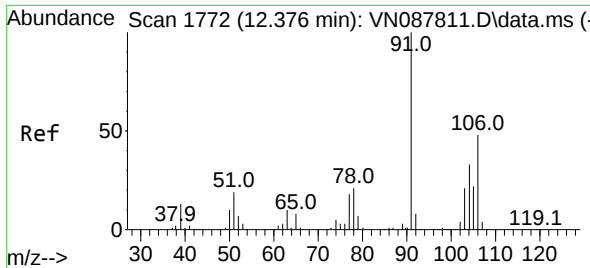


#67
m/p-Xylenes
Concen: 31.218 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45



Tgt Ion:106 Resp: 174075
Ion Ratio Lower Upper
106 100
91 212.4 174.3 261.5





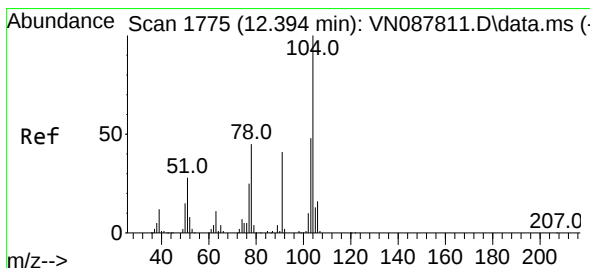
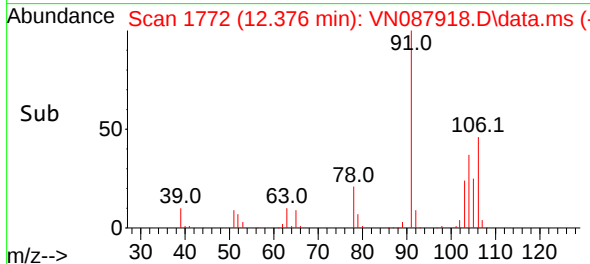
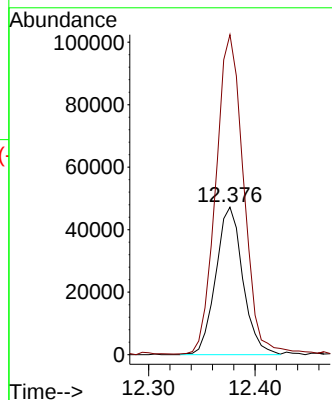
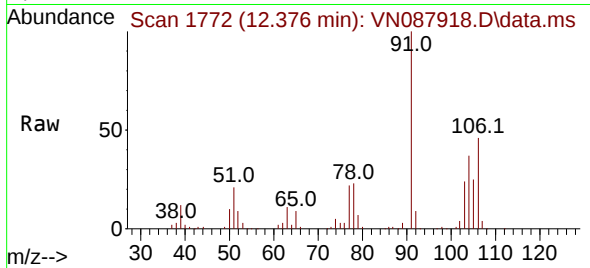
#68
o-Xylene
Concen: 15.394 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion:106 Resp: 83228
Ion Ratio Lower Upper
106 100
91 224.5 107.7 323.3

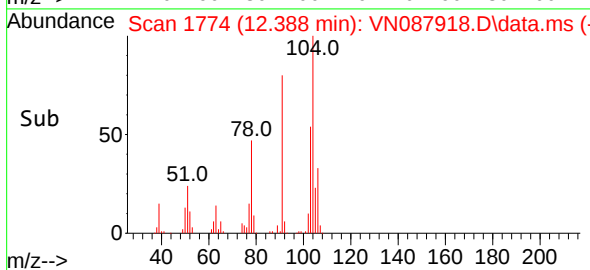
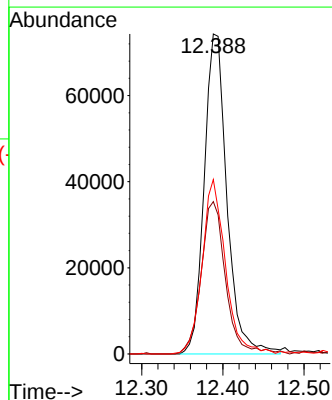
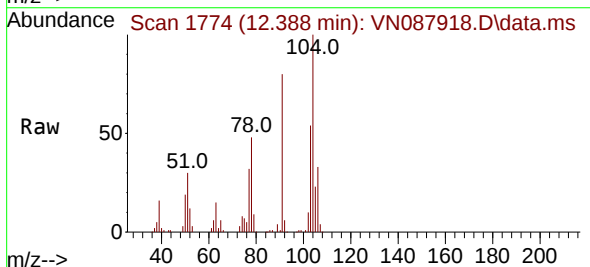
Manual Integrations
APPROVED

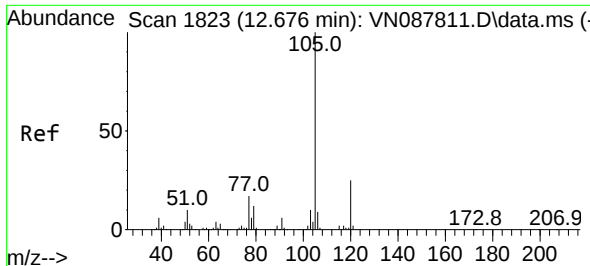
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#69
Styrene
Concen: 15.422 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

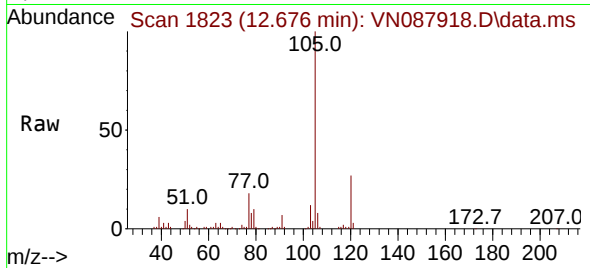
Tgt Ion:104 Resp: 144917
Ion Ratio Lower Upper
104 100
78 50.1 41.0 61.6
103 55.4 44.6 66.8





#70
Isopropylbenzene
Concen: 15.567 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

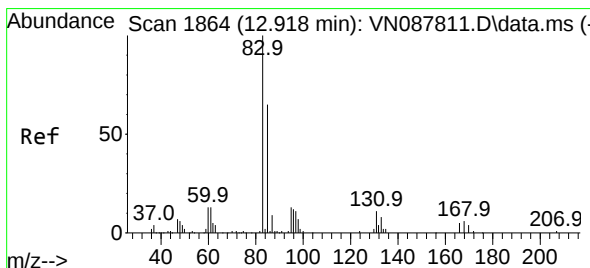
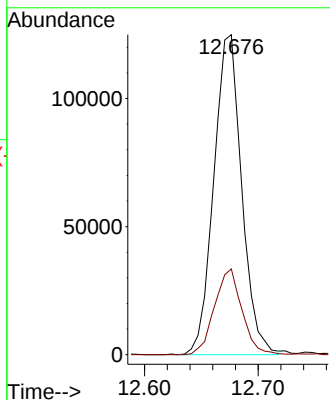
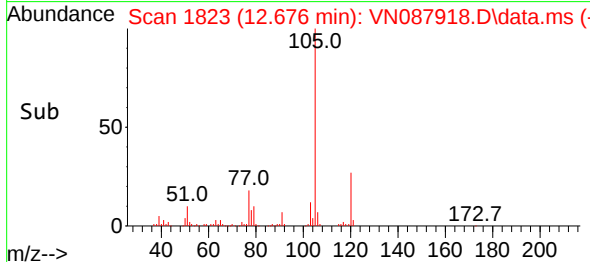
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



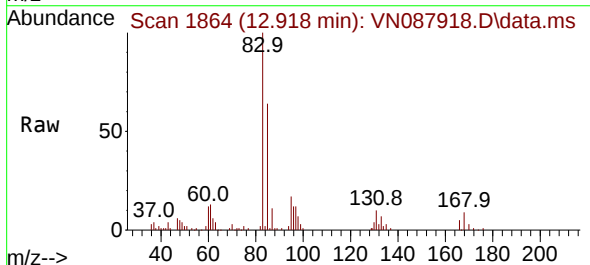
Tgt Ion:105 Resp: 21339
Ion Ratio Lower Upper
105 100
120 26.4 17.4 32.4

Manual Integrations
APPROVED

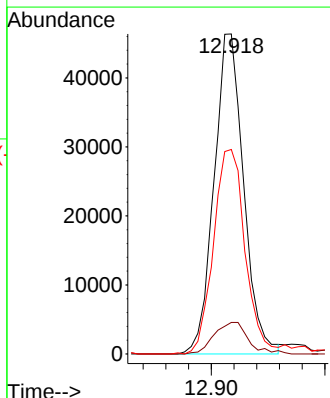
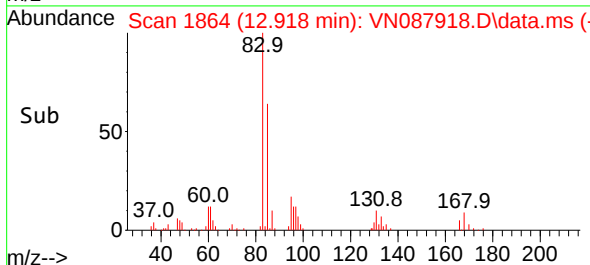
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

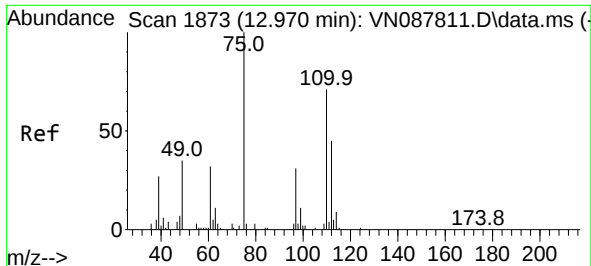


#71
1,1,2,2-Tetrachloroethane
Concen: 17.013 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45



Tgt Ion: 83 Resp: 83845
Ion Ratio Lower Upper
83 100
131 11.4 4.8 14.3
85 67.9 31.9 95.7





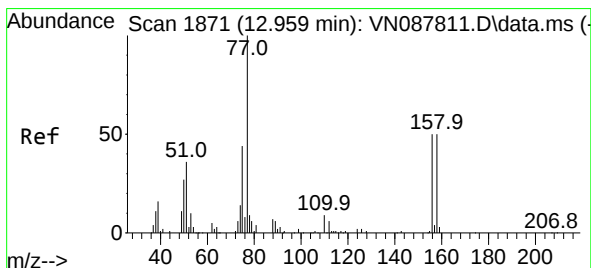
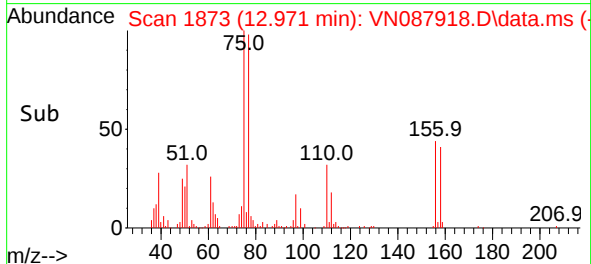
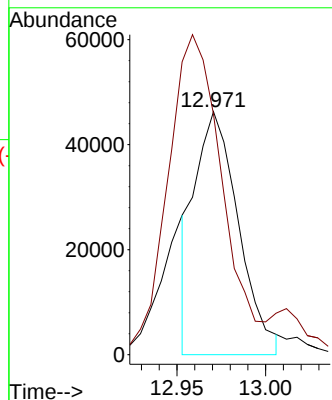
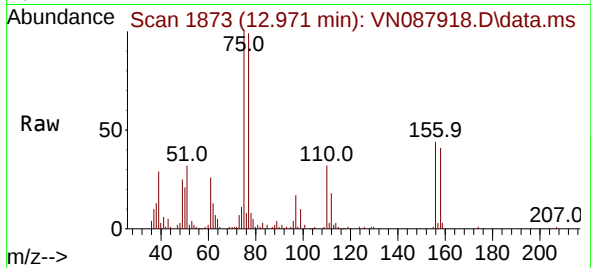
#72
1,2,3-Trichloropropane
Concen: 16.267 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion: 75 Resp: 78714
Ion Ratio Lower Upper
75 100
77 166.3 0.0 378.8

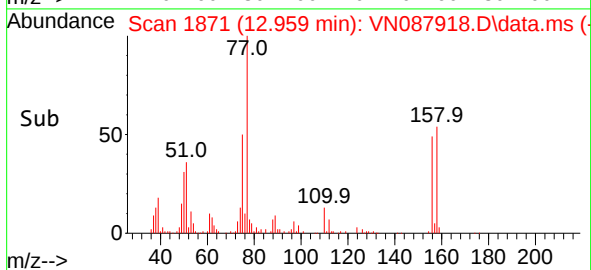
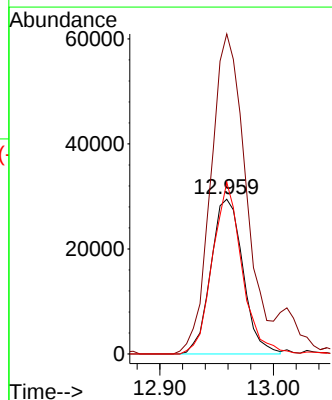
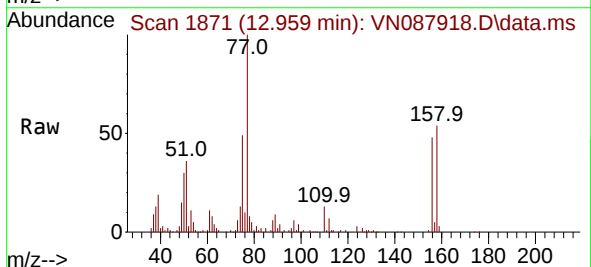
Manual Integrations
APPROVED

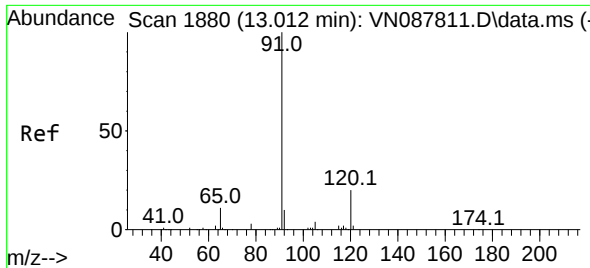
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#73
Bromobenzene
Concen: 17.237 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Tgt Ion:156 Resp: 57814
Ion Ratio Lower Upper
156 100
77 226.4 0.0 484.2
158 102.0 0.0 186.2





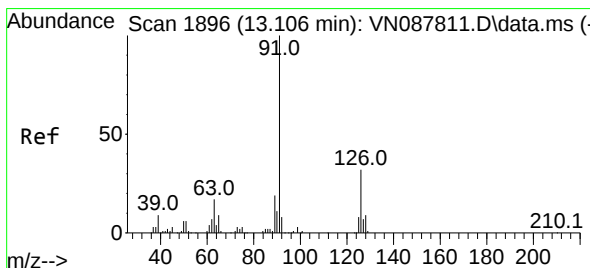
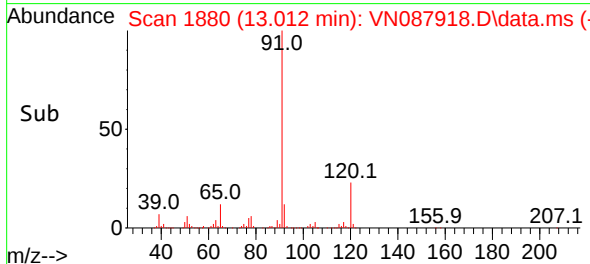
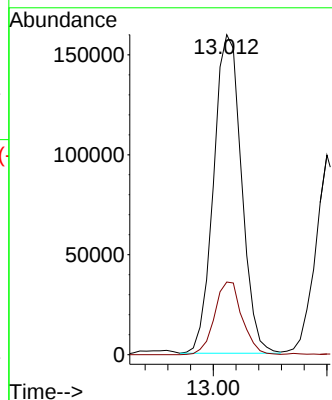
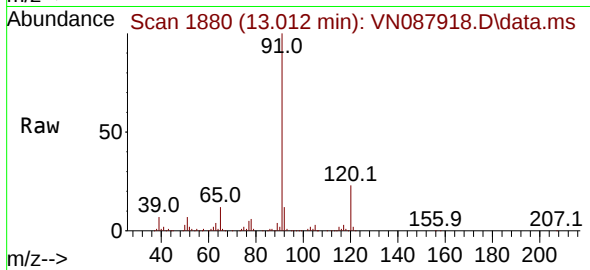
#74
n-propylbenzene
Concen: 15.730 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion: 91 Resp: 27207
Ion Ratio Lower Upper
91 100
120 22.5 0.0 42.2

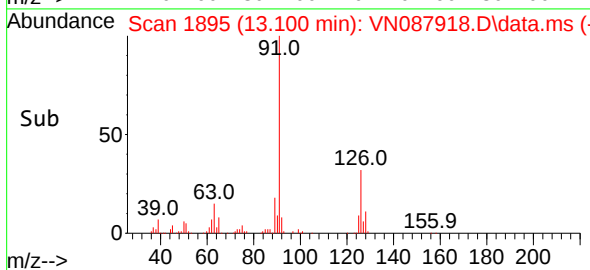
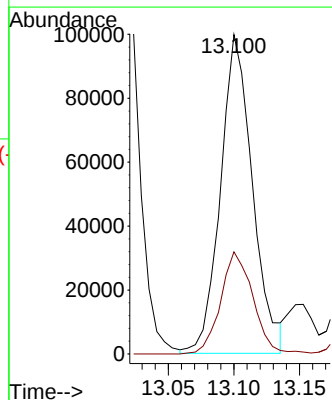
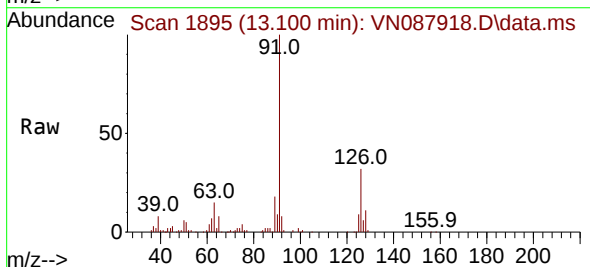
Manual Integrations
APPROVED

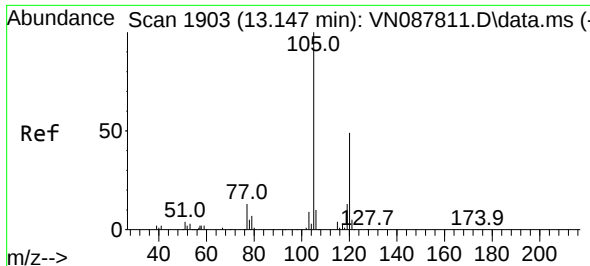
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#75
2-Chlorotoluene
Concen: 16.243 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

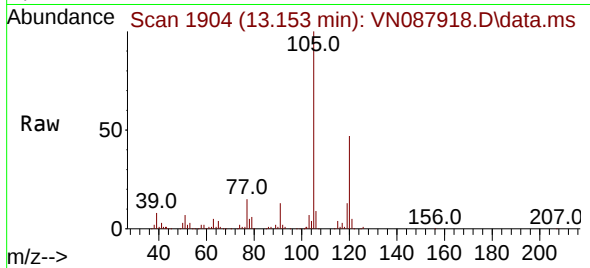
Tgt Ion: 91 Resp: 169092
Ion Ratio Lower Upper
91 100
126 32.5 0.0 60.4





#76
1,3,5-Trimethylbenzene
Concen: 16.458 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

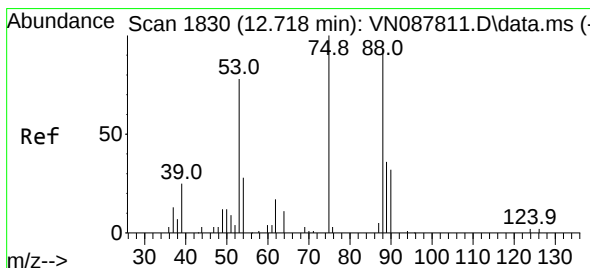
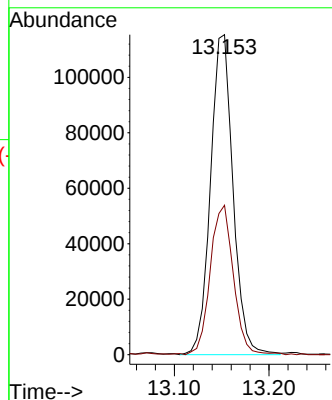
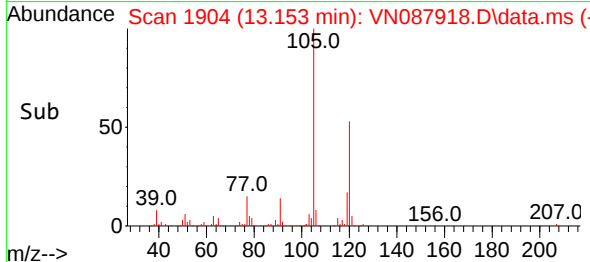
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



Tgt Ion:105 Resp: 190524
Ion Ratio Lower Upper
105 100
120 47.8 0.0 92.6

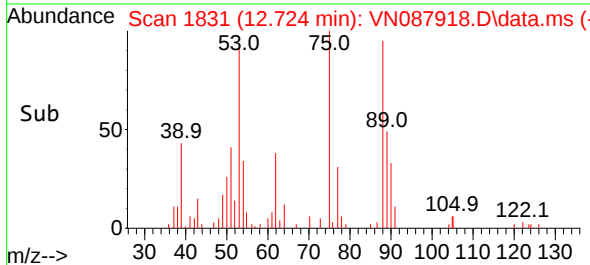
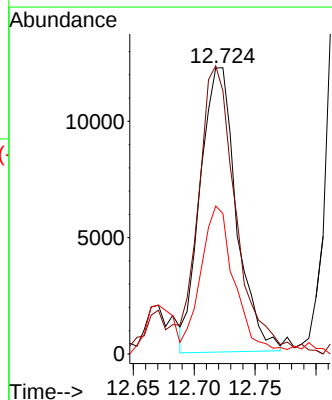
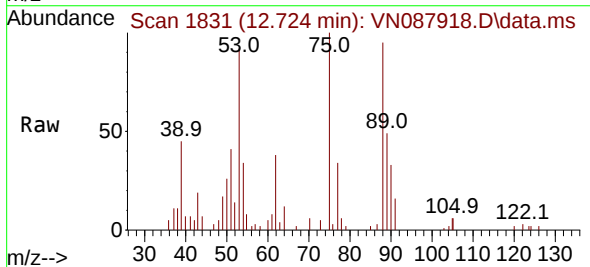
Manual Integrations
APPROVED

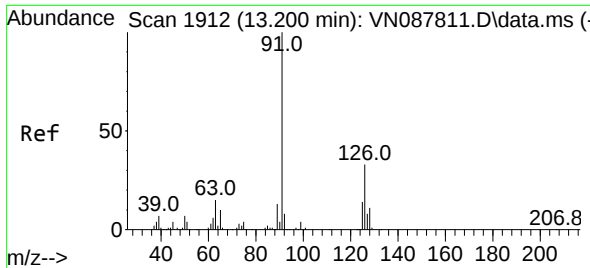
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#77
t-1,4-Dichloro-2-butene
Concen: 15.445 ug/l
RT: 12.724 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Tgt Ion: 75 Resp: 25225
Ion Ratio Lower Upper
75 100
53 91.1 45.3 135.9
89 48.2 18.8 56.3





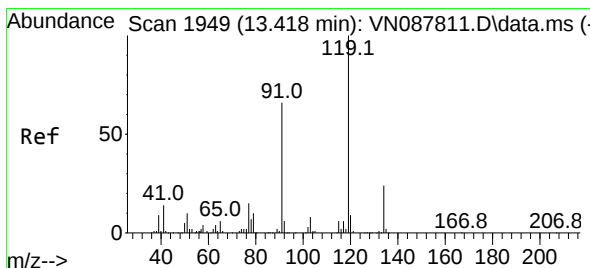
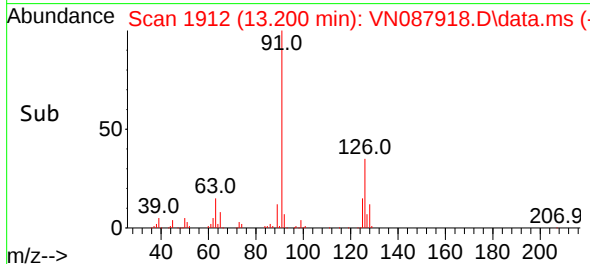
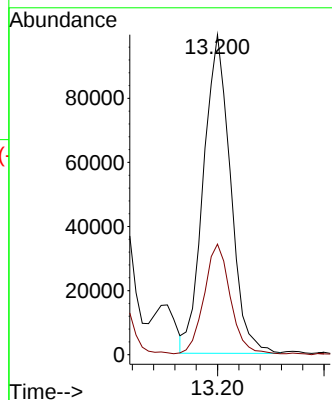
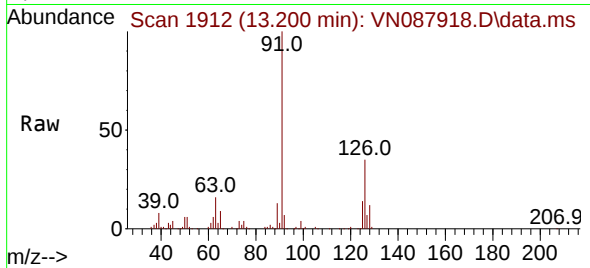
#78
4-Chlorotoluene
Concen: 16.669 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion: 91 Resp: 17494
Ion Ratio Lower Upper
91 100
126 34.2 0.0 67.0

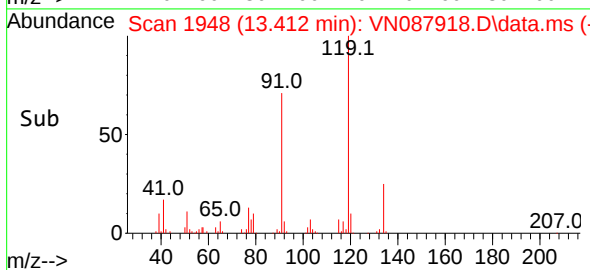
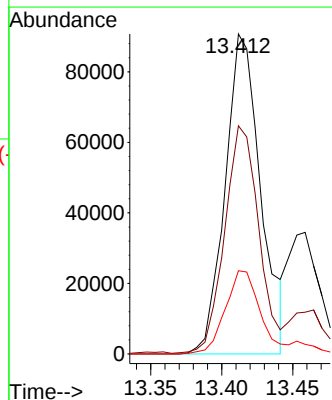
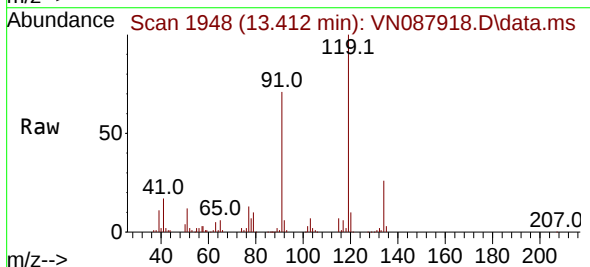
Manual Integrations
APPROVED

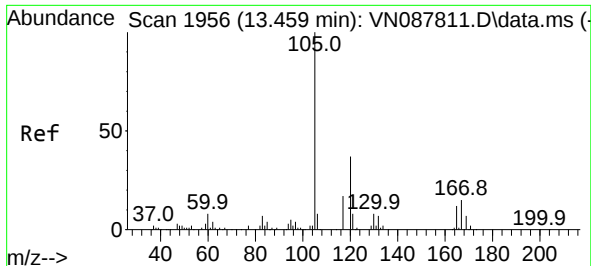
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#79
tert-butylbenzene
Concen: 16.290 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

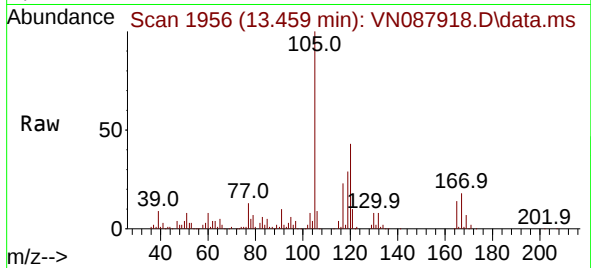
Tgt Ion:119 Resp: 157934
Ion Ratio Lower Upper
119 100
91 68.3 0.0 142.6
134 25.6 0.0 47.2





#80
1,2,4-Trimethylbenzene
Concen: 16.192 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

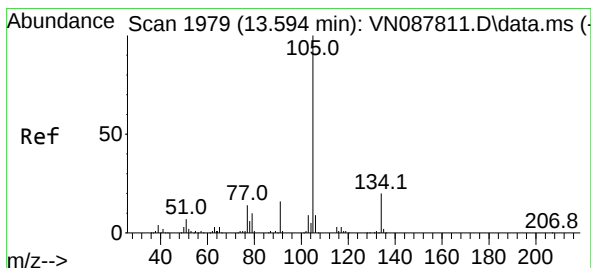
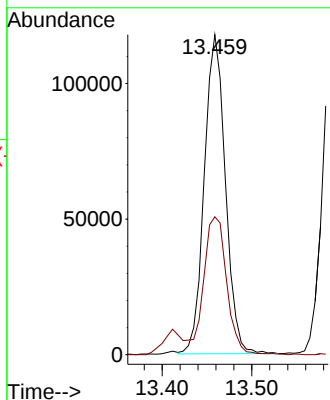
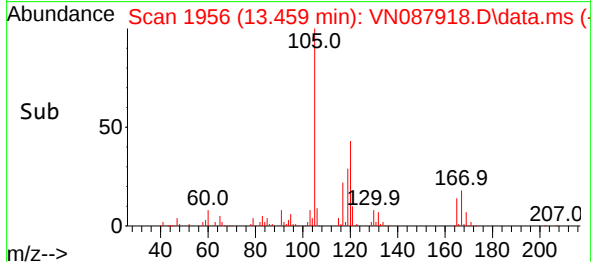
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



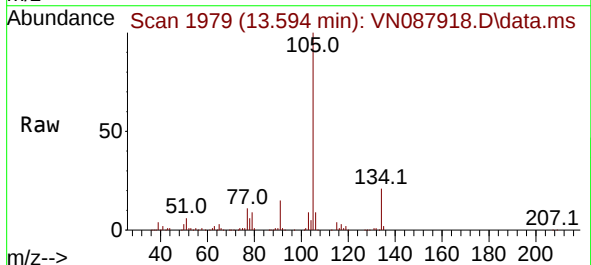
Tgt Ion:105 Resp: 19217
Ion Ratio Lower Upper
105 100
120 46.5 0.0 86.6

Manual Integrations
APPROVED

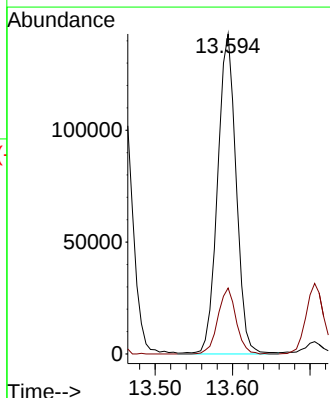
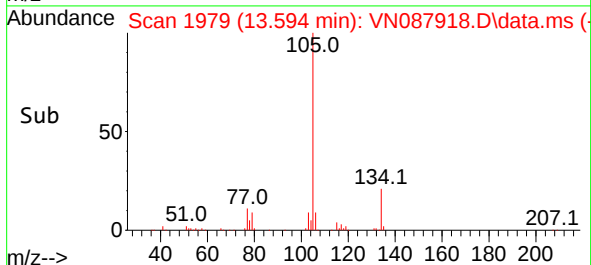
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

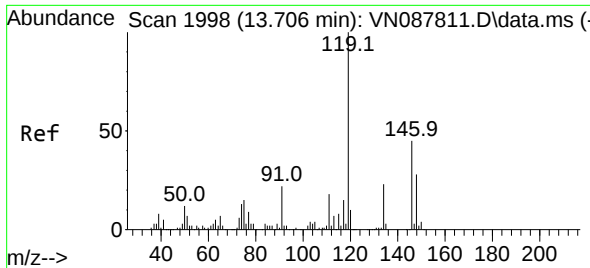


#81
sec-Butylbenzene
Concen: 16.696 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45



Tgt Ion:105 Resp: 238084
Ion Ratio Lower Upper
105 100
134 20.1 0.0 37.0





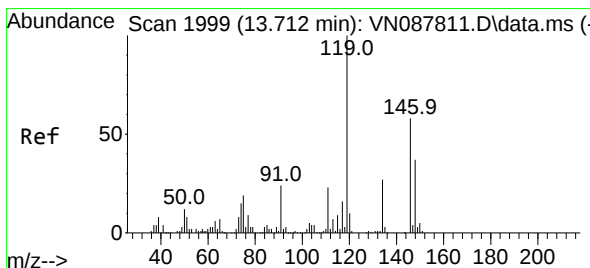
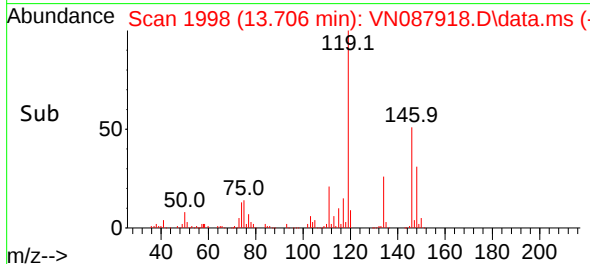
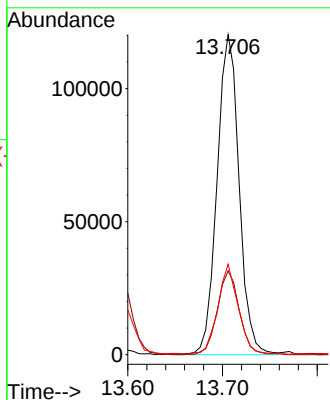
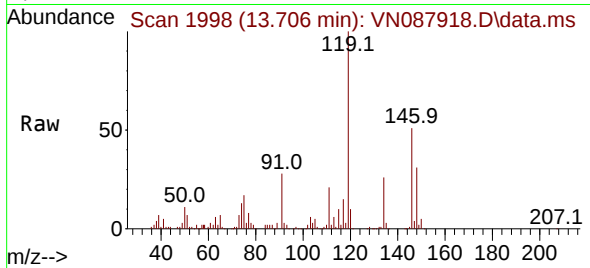
#82
p-Isopropyltoluene
Concen: 16.566 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion:119 Resp: 194640
Ion Ratio Lower Upper
119 100
134 26.0 0.0 49.4
91 26.0 0.0 52.2

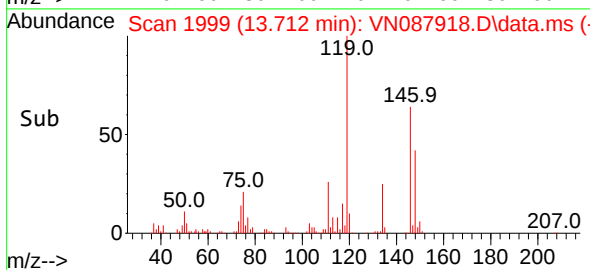
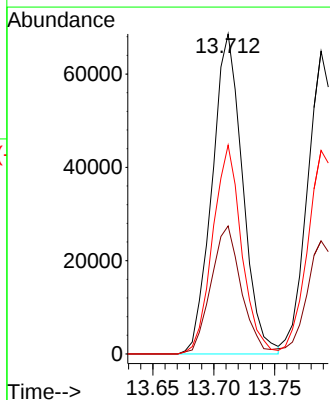
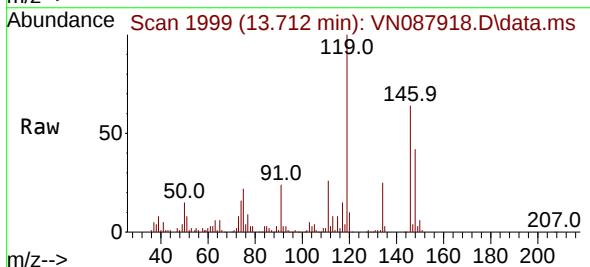
Manual Integrations
APPROVED

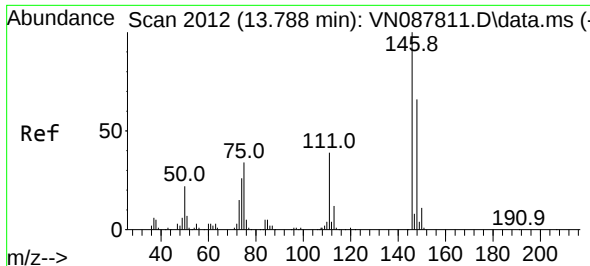
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#83
1,3-Dichlorobenzene
Concen: 18.515 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Tgt Ion:146 Resp: 119722
Ion Ratio Lower Upper
146 100
111 39.6 21.1 63.4
148 61.9 31.0 93.0





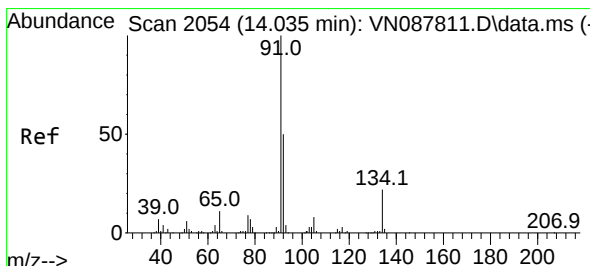
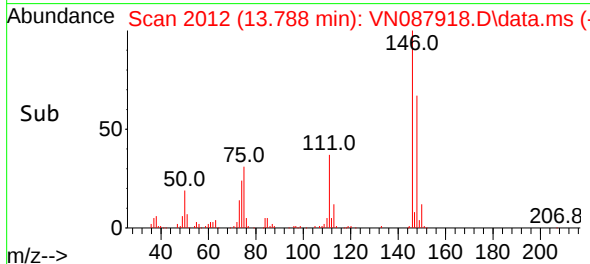
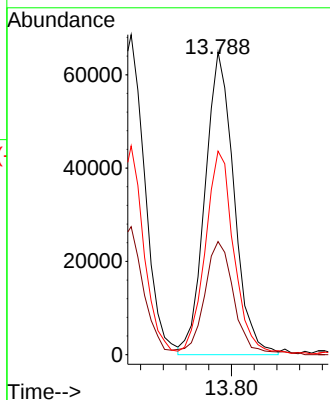
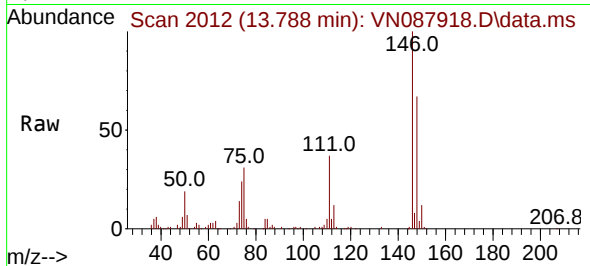
#84
1,4-Dichlorobenzene
Concen: 17.721 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion:146 Resp: 11485
Ion Ratio Lower Upper
146 100
111 36.0 20.2 60.5
148 67.2 31.5 94.5

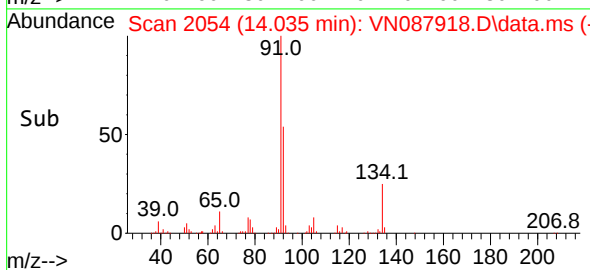
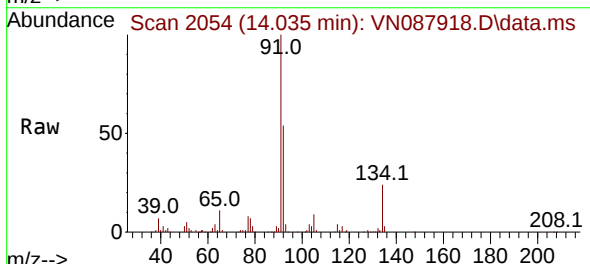
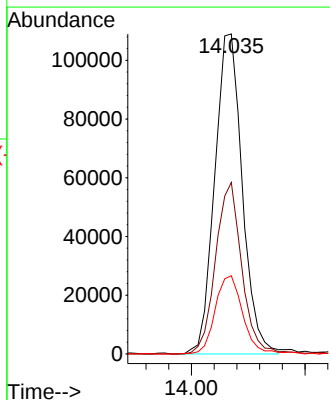
Manual Integrations
APPROVED

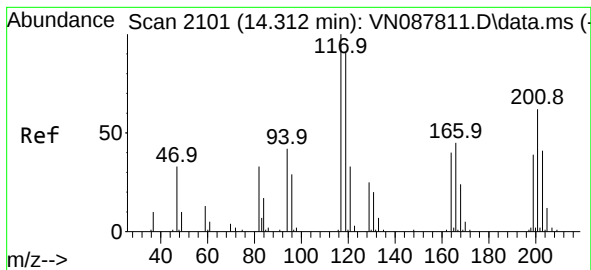
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#85
n-Butylbenzene
Concen: 16.247 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Tgt Ion: 91 Resp: 183495
Ion Ratio Lower Upper
91 100
92 50.8 0.0 104.0
134 24.3 0.0 46.0





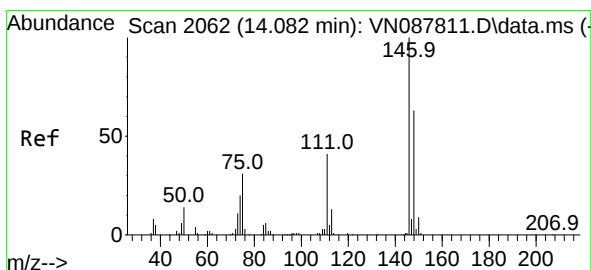
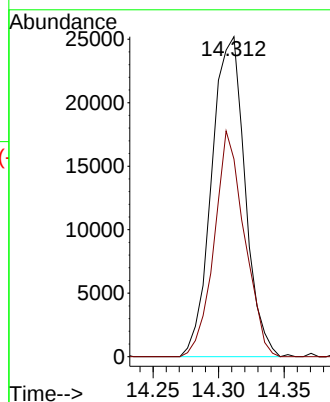
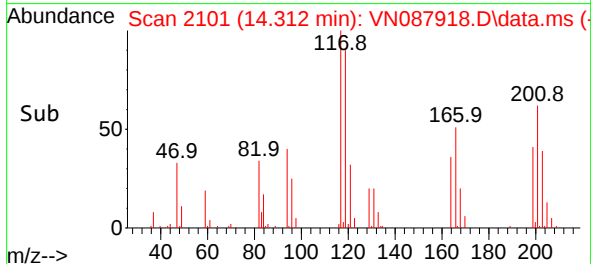
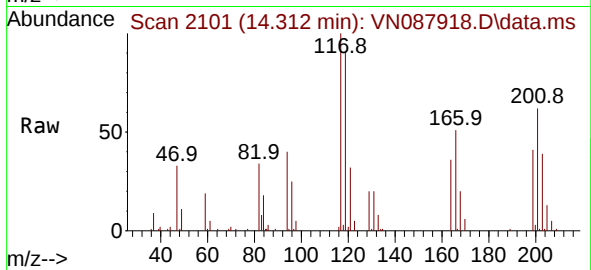
#86
Hexachloroethane
Concen: 18.650 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion:117 Resp: 4450
Ion Ratio Lower Upper
117 100
201 64.0 29.9 89.7

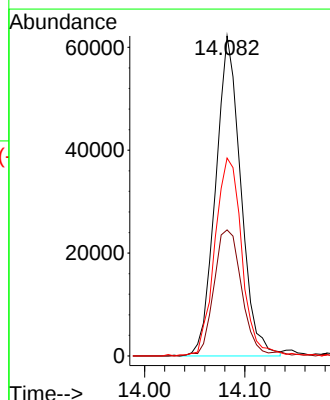
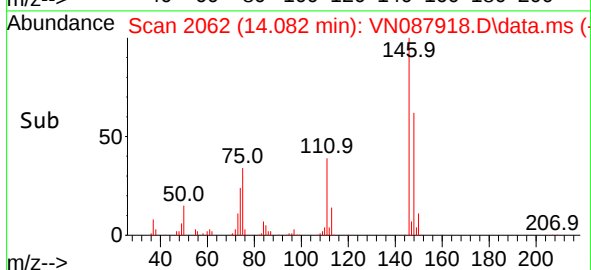
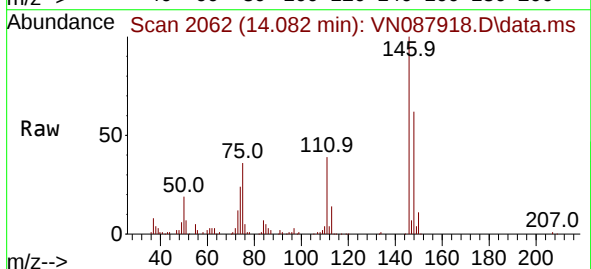
Manual Integrations
APPROVED

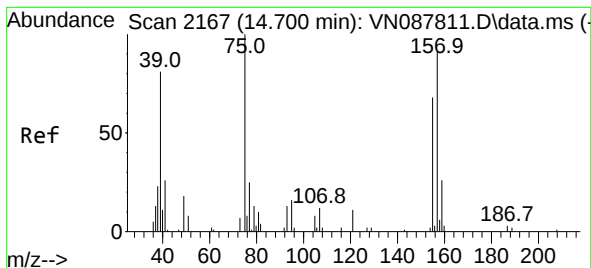
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#87
1,2-Dichlorobenzene
Concen: 17.811 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Tgt Ion:146 Resp: 108622
Ion Ratio Lower Upper
146 100
111 42.7 21.5 64.5
148 66.1 33.4 100.1





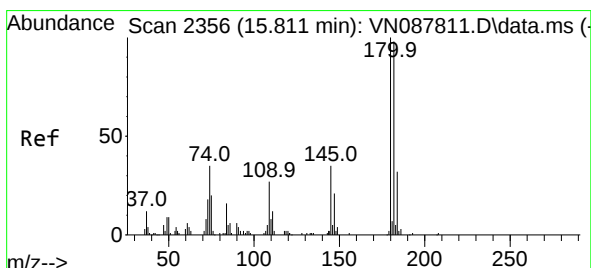
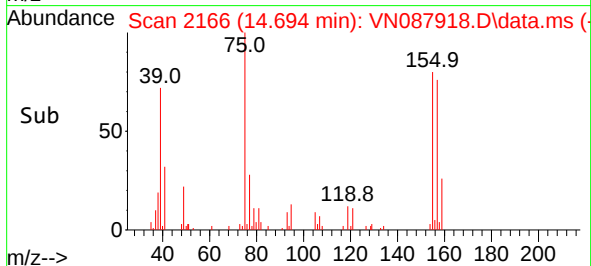
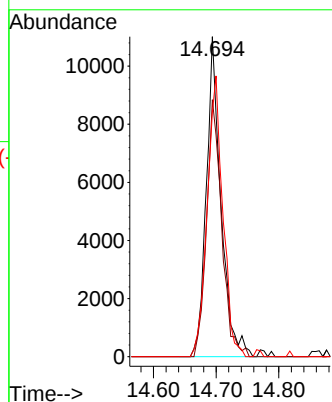
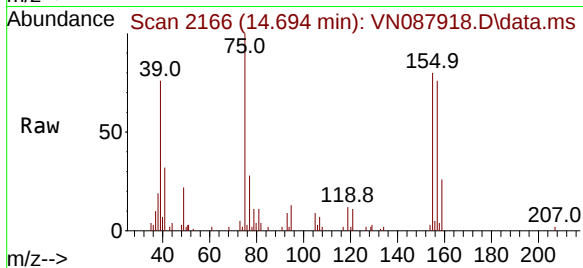
#88
1,2-Dibromo-3-Chloropropane
Concen: 16.553 ug/l m
RT: 14.694 min Scan# 2166
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS

Tgt Ion: 75 Resp: 1810
Ion Ratio Lower Upper
75 100
155 0.6 53.0 79.4
157 0.9 72.2 108.4

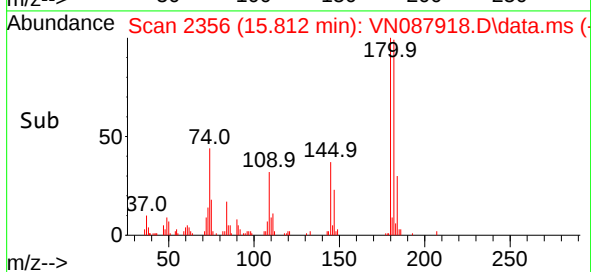
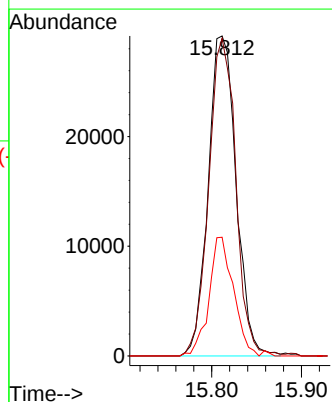
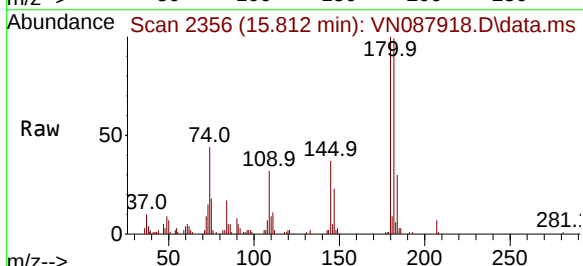
Manual Integrations
APPROVED

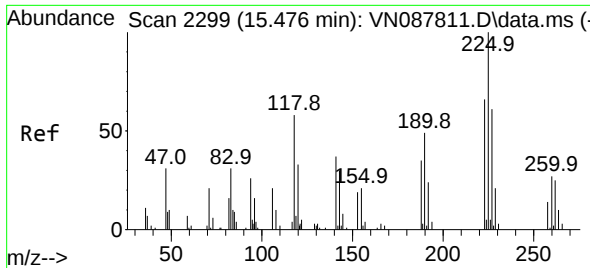
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#89
1,2,4-Trichlorobenzene
Concen: 18.189 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

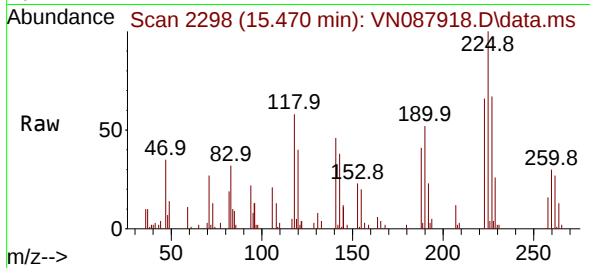
Tgt Ion:180 Resp: 63090
Ion Ratio Lower Upper
180 100
182 96.0 74.6 111.8
145 32.5 27.4 41.0





#90
Hexachlorobutadiene
Concen: 21.055 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45

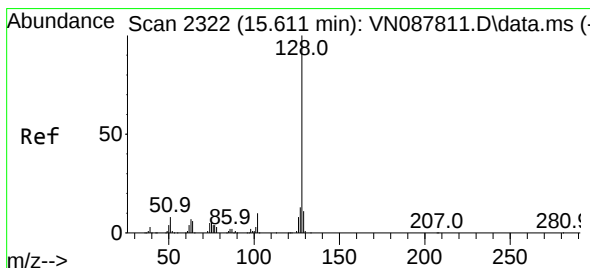
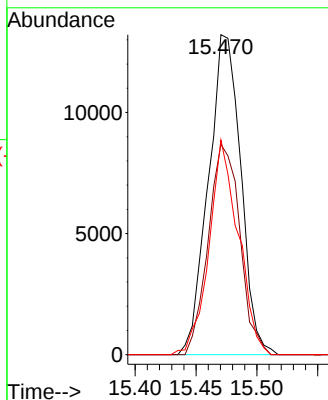
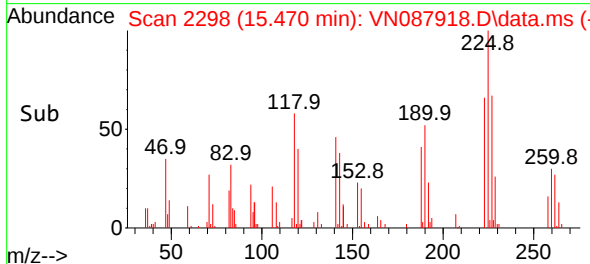
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MS



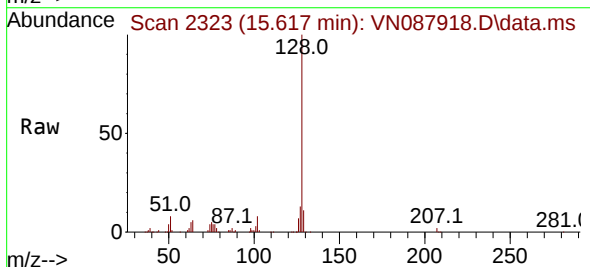
Tgt Ion:225 Resp: 2448
Ion Ratio Lower Upper
225 100
223 64.2 0.0 118.2
227 60.7 0.0 139.0

Manual Integrations
APPROVED

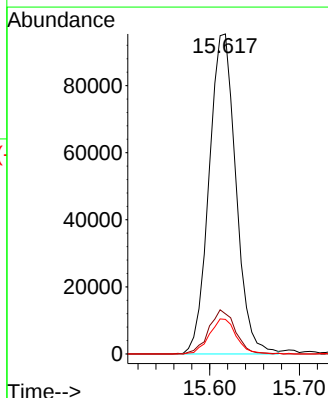
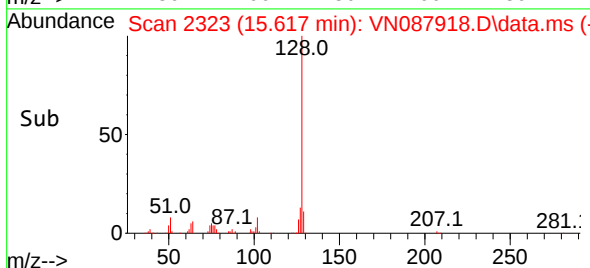
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

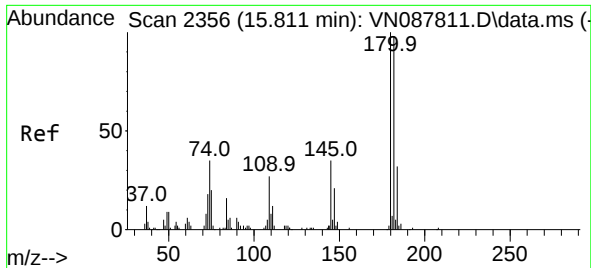


#91
Naphthalene
Concen: 15.530 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN087918.D
Acq: 22 Sep 2025 13:45



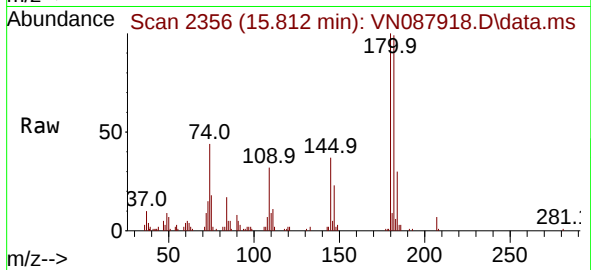
Tgt Ion:128 Resp: 198316
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 10.9 8.3 12.5





#92
 1,2,3-Trichlorobenzene
 Concen: 18.189 ug/l
 RT: 15.812 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087918.D
 Acq: 22 Sep 2025 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave(Aug)MS



Tgt Ion:	180	Resp:	63090
Ion Ratio	Lower	Upper	
180	100		
182	96.0	0.0	186.4
145	32.5	0.0	68.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

