

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
 Data File : VN087919.D
 Acq On : 22 Sep 2025 14:06
 Operator : JC\MD
 Sample : Q3149-04MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 23 04:53:13 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	49089	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	234680	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	222486	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	112554	26.841	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	89.467%#		
60) 4-Bromofluorobenzene	12.829	95	109547	30.622	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.067%		
63) Toluene-d8	10.541	98	302315	29.218	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	41532	13.613	ug/l	93
3) Chloromethane	2.389	50	38621	12.059	ug/l	94
4) Vinyl Chloride	2.542	62	39894	11.019	ug/l	96
5) Bromomethane	2.983	94	25904	12.196	ug/l	90
6) Chloroethane	3.142	64	26688	10.786	ug/l #	84
7) Trichlorofluoromethane	3.512	101	70588	13.302	ug/l	93
8) Diethyl Ether	3.965	74	25571	11.411	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	37756m	13.135	ug/l	
10) 1,1-Dichloroethene	4.342	96	35600	12.013	ug/l #	83
11) Methyl Iodide	4.571	142	26037m	12.412	ug/l	
12) Methyl Acetate	5.018	43	64956	14.219	ug/l	98
13) Acrolein	4.183	56	62742	77.139	ug/l #	38
14) Acrylonitrile	5.706	53	138107	70.237	ug/l	99
15) Acetone	4.430	58	37257	60.738	ug/l	95
16) Carbon Disulfide	4.701	76	98202	12.069	ug/l #	94
17) Allyl chloride	5.018	41	56845	11.744	ug/l	97
18) Methylene Chloride	5.265	84	51105	15.224	ug/l #	83
19) trans-1,2-Dichloroethene	5.771	96	43279	14.320	ug/l #	84
20) Diisopropyl ether	6.665	45	143540	12.896	ug/l #	94
21) 1,1-Dichloroethane	6.553	63	87054	14.282	ug/l #	96
22) cis-1,2-Dichloroethene	7.465	96	54115	14.751	ug/l	95
23) tert-Butyl Alcohol	5.524	59	46759	67.271	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	146026	13.802	ug/l	98
25) Chloroform	7.947	83	102771	16.107	ug/l	96
26) Cyclohexane	8.241	56	52696	11.352	ug/l #	90
29) 1,1-Dichloropropene	8.359	75	55408	14.528	ug/l	96
30) 2-Butanone	7.471	43	188301	71.670	ug/l #	96
31) 2,2-Dichloropropane	7.477	77	78749	17.128	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	78202	16.173	ug/l	96
33) Carbon Tetrachloride	8.341	117	68548	17.002	ug/l	97
34) Benzene	8.588	78	184737	14.987	ug/l	94
35) Methacrylonitrile	7.765	41	38693	14.080	ug/l	94
36) 1,2-Dichloroethane	8.653	62	71833	15.428	ug/l	99
37) Trichloroethene	9.336	130	44303	16.078	ug/l	98
38) Methylcyclohexane	9.583	83	56231	13.390	ug/l	97
39) 1,2-Dichloropropane	9.600	63	48998	15.520	ug/l	100
40) Dibromomethane	9.688	93	39182	16.677	ug/l	95
41) Bromodichloromethane	9.871	83	79337	16.521	ug/l	96
42) Vinyl Acetate	6.595	43	593098	67.563	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	78679m	14.657	ug/l	
44) Isopropyl Acetate	8.677	43	117847	14.004	ug/l	99
45) 1,4-Dioxane	9.677	88	16037	302.192	ug/l #	77
46) Methyl methacrylate	9.659	41	43552	11.228	ug/l	97
47) n-amyl Acetate	13.106	43	76080m	13.378	ug/l	
48) t-1,3-Dichloropropene	10.818	75	73628	14.763	ug/l	94
49) cis-1,3-Dichloropropene	10.288	75	72736	14.238	ug/l	95
50) 1,1,2-Trichloroethane	10.994	97	51580	16.998	ug/l	91
51) Ethyl methacrylate	10.853	69	64990	13.762	ug/l	93
52) 1,3-Dichloropropane	11.141	76	82656	15.686	ug/l	98
53) Dibromochloromethane	11.335	129	65135	19.144	ug/l	88
54) 1,2-Dibromoethane	11.447	107	53693	17.005	ug/l	94
56) Bromoform	12.559	173	40819	18.371	ug/l #	99
58) 4-Methyl-2-Pentanone	10.424	43	394234	74.940	ug/l	99
59) 2-Hexanone	11.177	43	238264	69.313	ug/l	99
61) Tetrachloroethene	11.077	164	37491	16.925	ug/l #	81
62) Toluene	10.612	91	207666	15.431	ug/l	97
64) Chlorobenzene	11.871	112	130128	15.754	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.941	131	51744	17.794	ug/l	95
66) Ethyl Benzene	11.941	91	211654	14.578	ug/l	96
67) m/p-Xylenes	12.047	106	165797	30.763	ug/l	88
68) o-Xylene	12.376	106	78025	14.932	ug/l	98
69) Styrene	12.388	104	132779	14.620	ug/l	99
70) Isopropylbenzene	12.676	105	196014	14.794	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	79263	16.641	ug/l	97
72) 1,2,3-Trichloropropane	12.965	75	72518m	15.505	ug/l	
73) Bromobenzene	12.959	156	53348	16.457	ug/l	89
74) n-propylbenzene	13.012	91	253316	15.153	ug/l	97
75) 2-Chlorotoluene	13.100	91	154299	15.335	ug/l	94
76) 1,3,5-Trimethylbenzene	13.153	105	178977	15.996	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	21893	13.869	ug/l	93
78) 4-Chlorotoluene	13.200	91	162779	16.047	ug/l	99
79) tert-butylbenzene	13.412	119	147283	15.718	ug/l	93
80) 1,2,4-Trimethylbenzene	13.459	105	176316	15.370	ug/l	98
81) sec-Butylbenzene	13.594	105	218528	15.855	ug/l	96
82) p-Isopropyltoluene	13.706	119	177819	15.659	ug/l	97
83) 1,3-Dichlorobenzene	13.712	146	109881	17.582	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	109035	17.406	ug/l	99
85) n-Butylbenzene	14.035	91	166538	15.257	ug/l	98
86) Hexachloroethane	14.306	117	38405	16.650	ug/l	93
87) 1,2-Dichlorobenzene	14.082	146	103222	17.512	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	16634	15.736	ug/l #	88
89) 1,2,4-Trichlorobenzene	15.812	180	60263	17.976	ug/l	97
90) Hexachlorobutadiene	15.470	225	24412	21.721	ug/l	94
91) Naphthalene	15.612	128	189268	15.335	ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	60263	17.976	ug/l	97

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

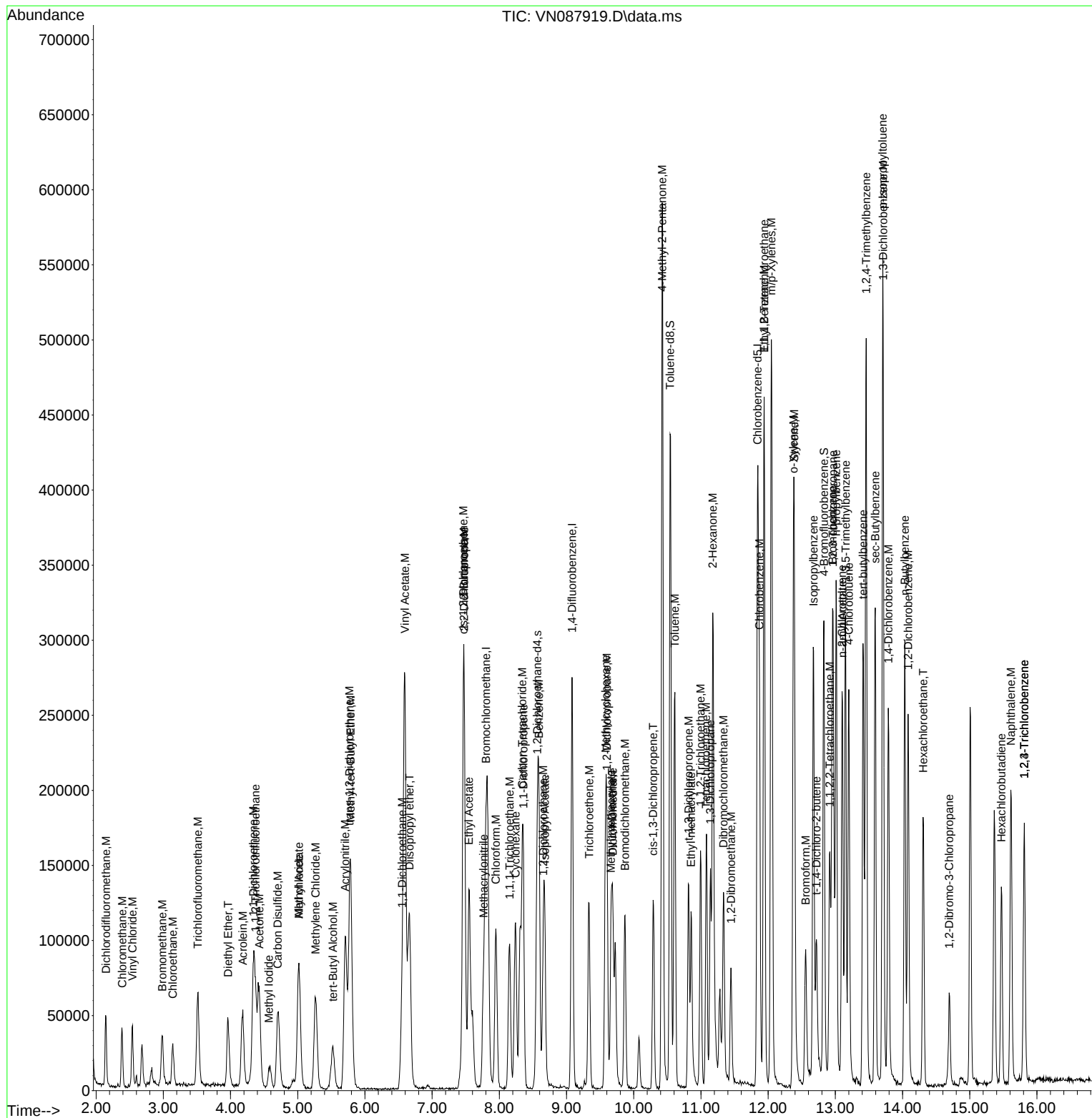
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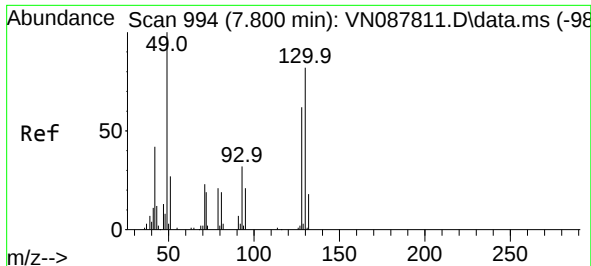
Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave(Aug)MSD

Manual Integrations APPROVED

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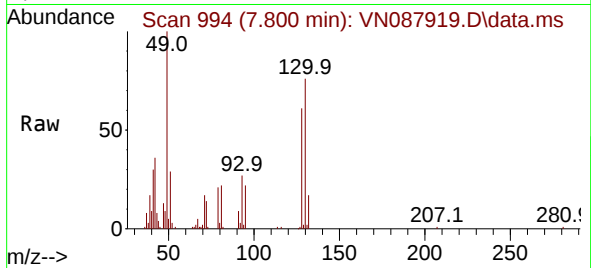
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

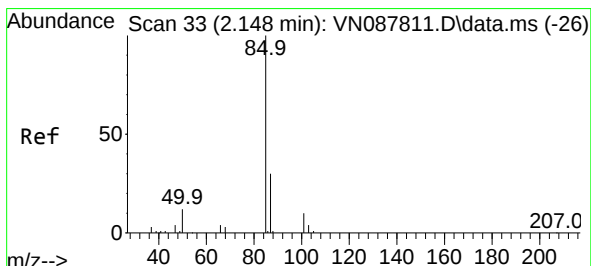
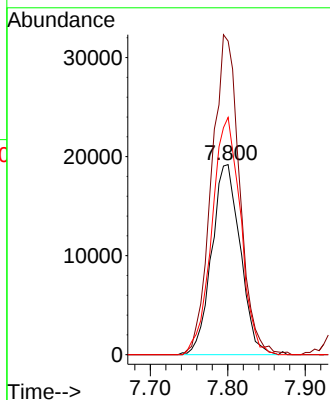
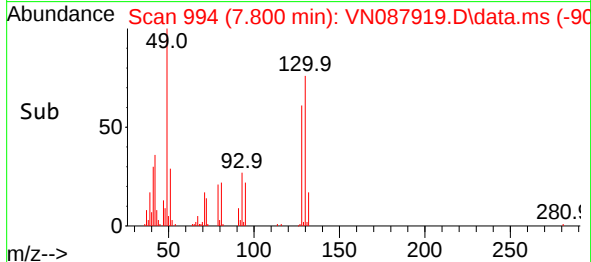
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



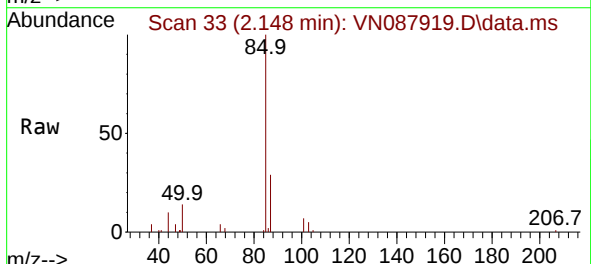
Tgt Ion:128 Resp: 49089
Ion Ratio Lower Upper
128 100
49 165.2 0.0 464.3
130 125.3 0.0 300.5

Manual Integrations
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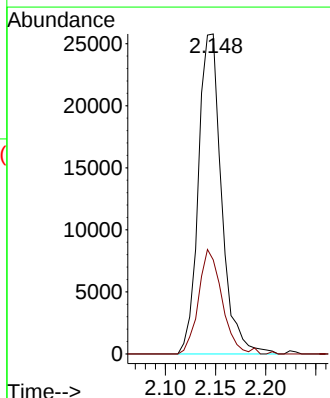
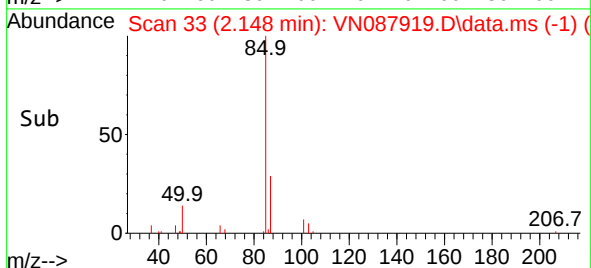
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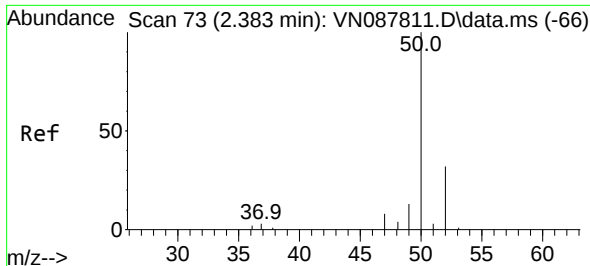


#2
Dichlorodifluoromethane
Concen: 13.613 ug/l
RT: 2.148 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06



Tgt Ion: 85 Resp: 41532
Ion Ratio Lower Upper
85 100
87 29.4 16.8 50.4





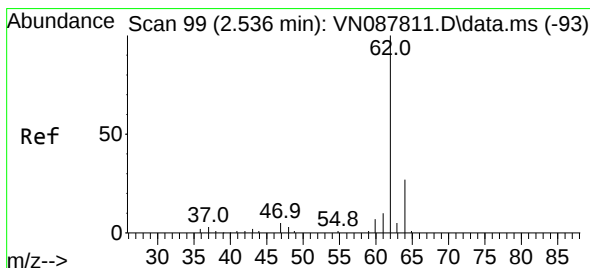
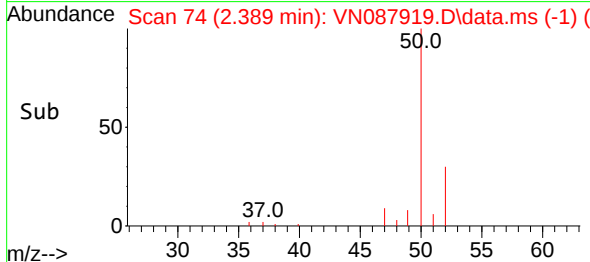
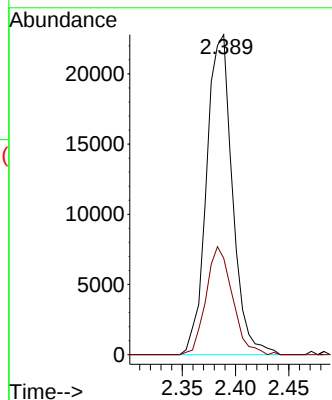
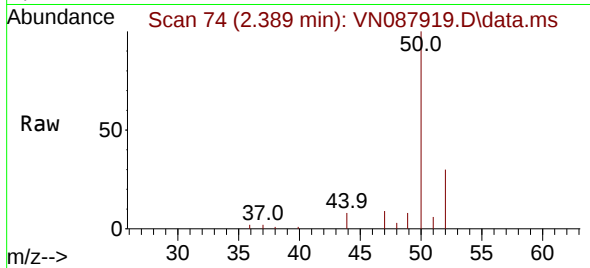
#3
Chloromethane
Concen: 12.059 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

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

Tgt Ion: 50 Resp: 3862
Ion Ratio Lower Upper
50 100
52 30.1 26.6 40.0

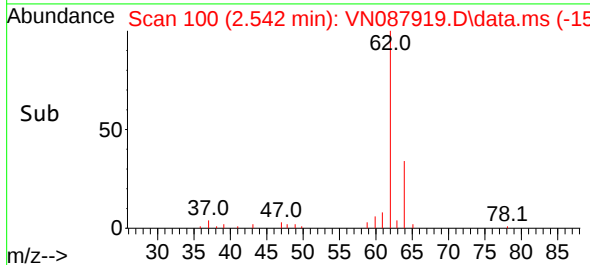
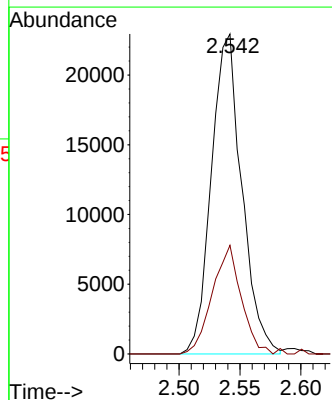
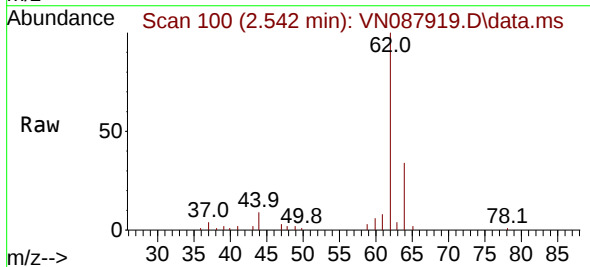
Manual Integrations
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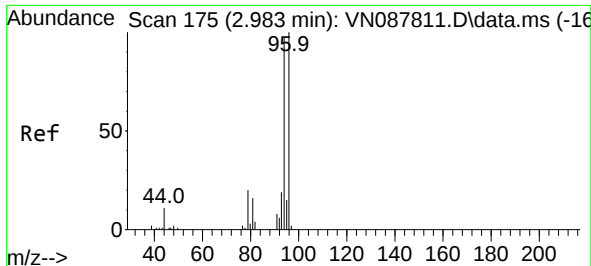
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#4
Vinyl Chloride
Concen: 11.019 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

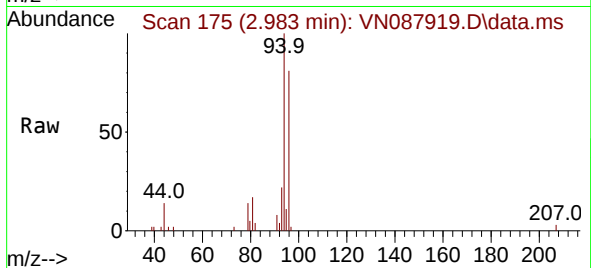
Tgt Ion: 62 Resp: 39894
Ion Ratio Lower Upper
62 100
64 33.9 25.5 38.3





#5
Bromomethane
Concen: 12.196 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

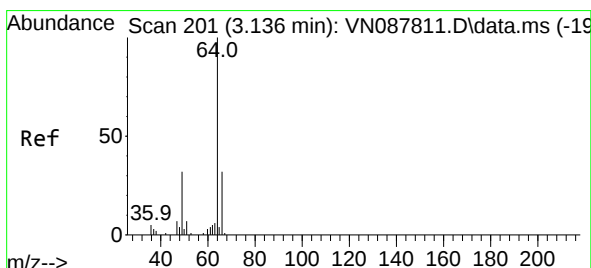
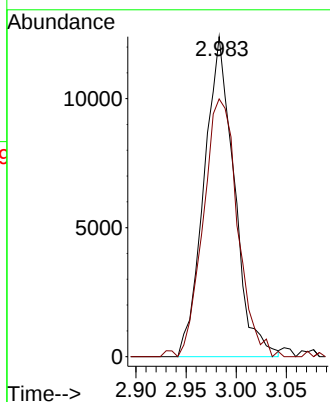
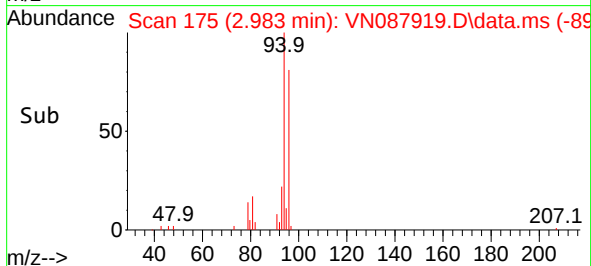
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



Tgt Ion: 94 Resp: 25904
Ion Ratio Lower Upper
94 100
96 80.6 72.2 108.4

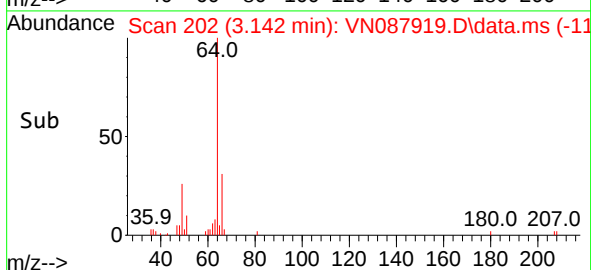
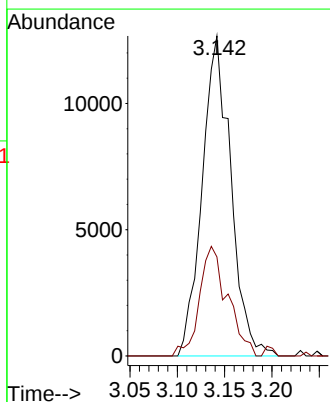
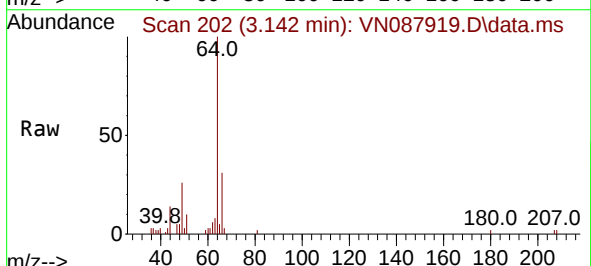
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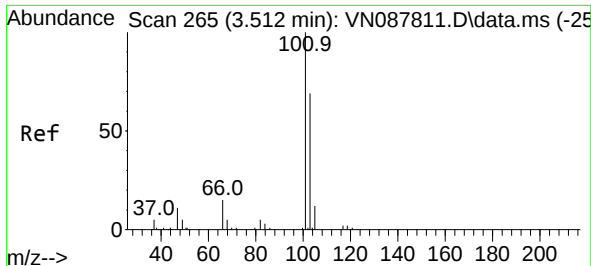
Reviewed By :John Carlone 09/23/2025
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#6
Chloroethane
Concen: 10.786 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

Tgt Ion: 64 Resp: 26688
Ion Ratio Lower Upper
64 100
66 31.0 32.8 49.2#





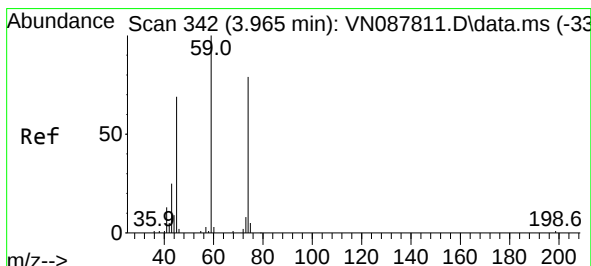
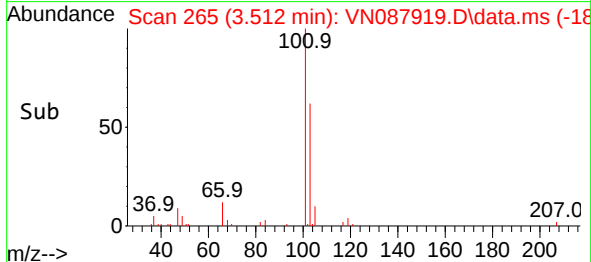
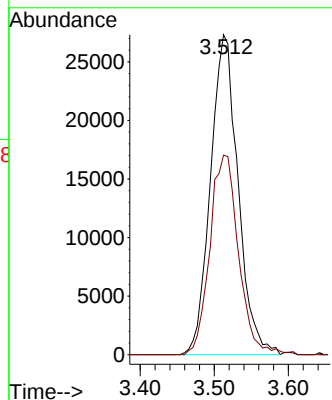
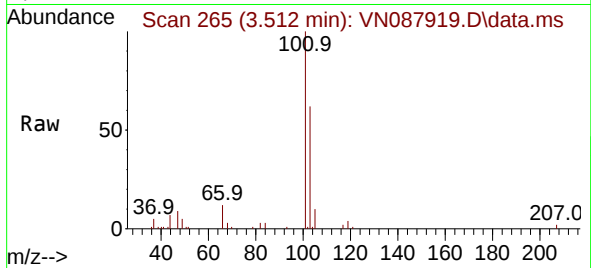
#7
 Trichlorofluoromethane
 Concen: 13.302 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN087919.D
 Acq: 22 Sep 2025 14:06

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

Tgt Ion:101 Resp: 7058
 Ion Ratio Lower Upper
 101 100
 103 62.3 45.7 68.5

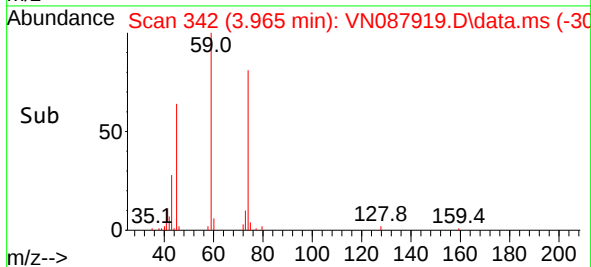
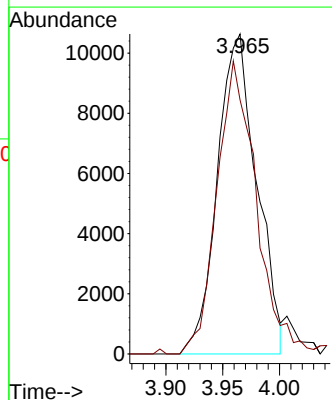
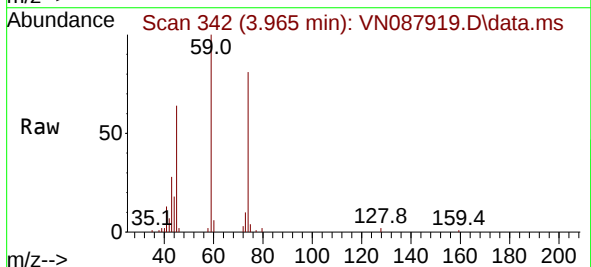
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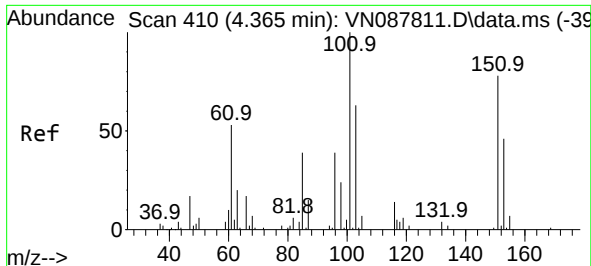
Reviewed By :John Carlone 09/23/2025
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#8
 Diethyl Ether
 Concen: 11.411 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087919.D
 Acq: 22 Sep 2025 14:06

Tgt Ion: 74 Resp: 25571
 Ion Ratio Lower Upper
 74 100
 45 91.4 20.4 183.8





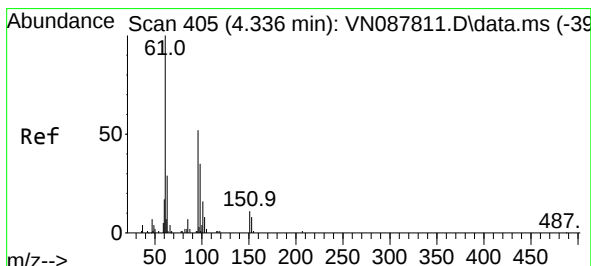
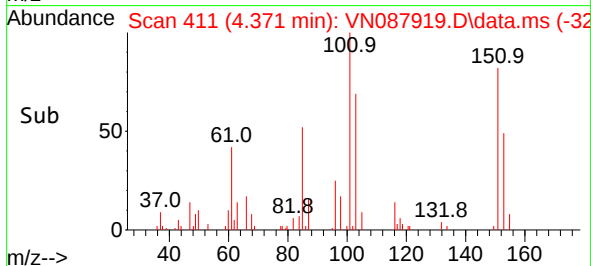
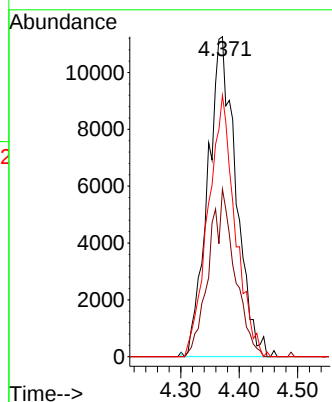
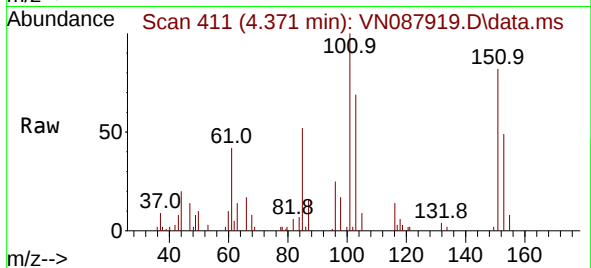
#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.135 ug/l m
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

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

Tgt Ion:101 Resp: 37750
Ion Ratio Lower Upper
101 100
85 26.5 0.0 95.6
151 78.4 0.0 85.8

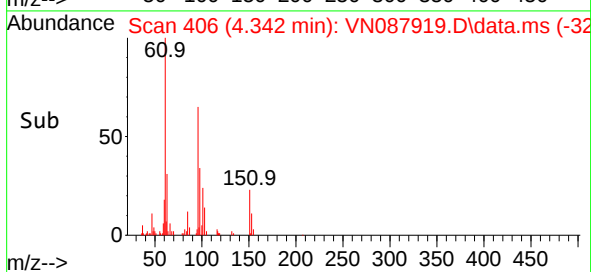
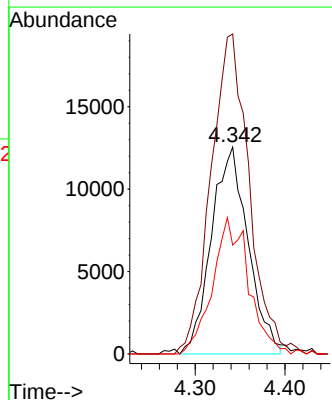
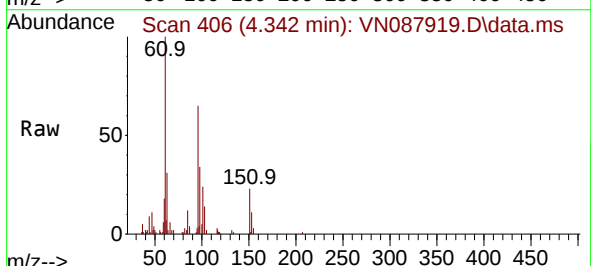
Manual Integrations
APPROVED

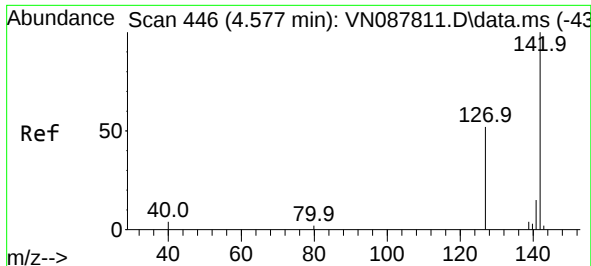
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#10
1,1-Dichloroethene
Concen: 12.013 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

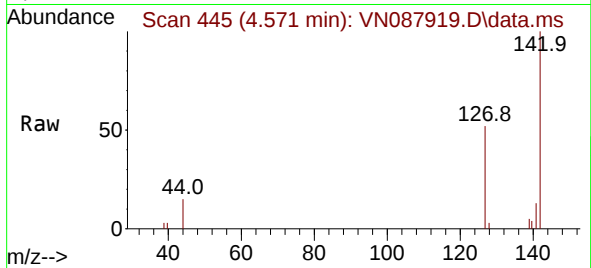
Tgt Ion: 96 Resp: 35600
Ion Ratio Lower Upper
96 100
61 151.3 135.9 203.9
98 52.6 59.2 88.8#





#11
Methyl Iodide
Concen: 12.412 ug/l m
RT: 4.571 min Scan# 446
Delta R.T. -0.012 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

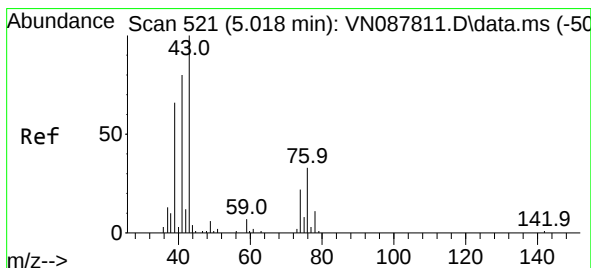
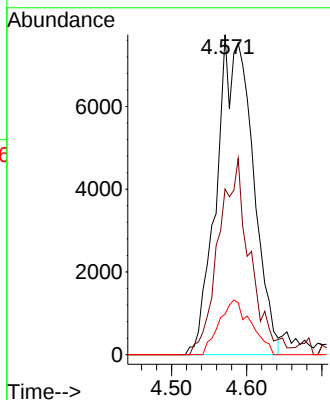
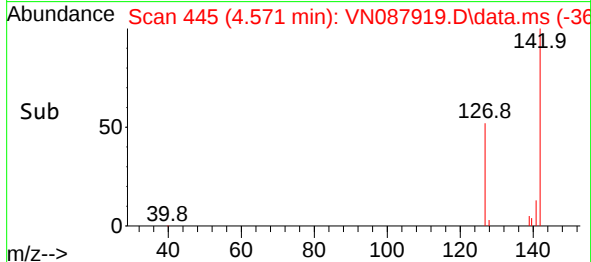
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



Tgt Ion:142 Resp: 2603
Ion Ratio Lower Upper
142 100
127 51.7 27.9 83.7
141 12.6 9.6 28.8

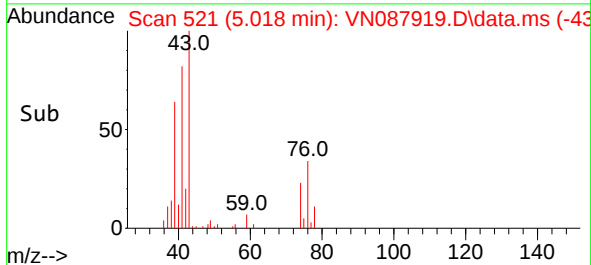
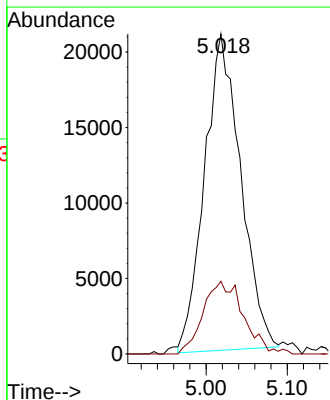
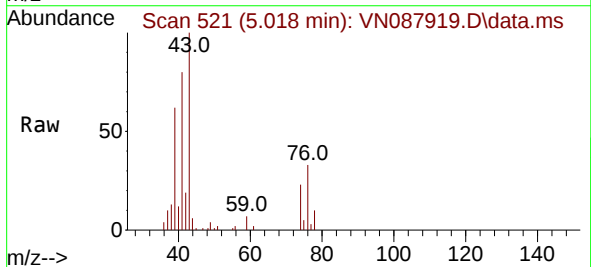
Manual Integrations
APPROVED

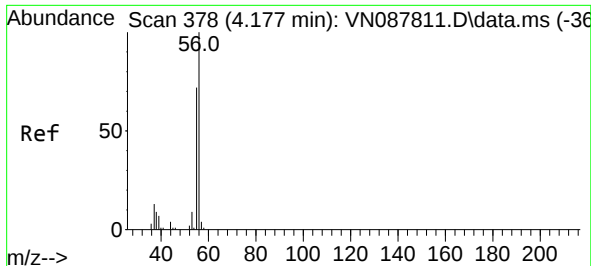
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#12
Methyl Acetate
Concen: 14.219 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

Tgt Ion: 43 Resp: 64956
Ion Ratio Lower Upper
43 100
74 22.9 17.5 26.3





#13

Acrolein

Concen: 77.139 ug/l

RT: 4.183 min Scan# 379

Delta R.T. 0.006 min

Lab File: VN087919.D

Acq: 22 Sep 2025 14:06

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(Aug)MSD

Tgt Ion: 56 Resp: 6274

Ion Ratio Lower Upper

56 100

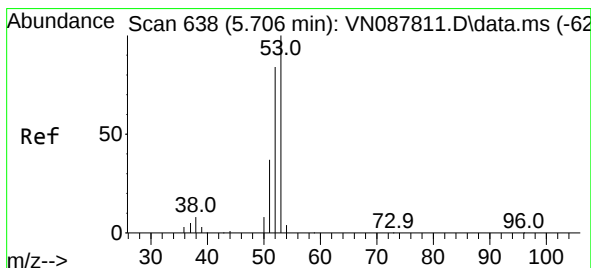
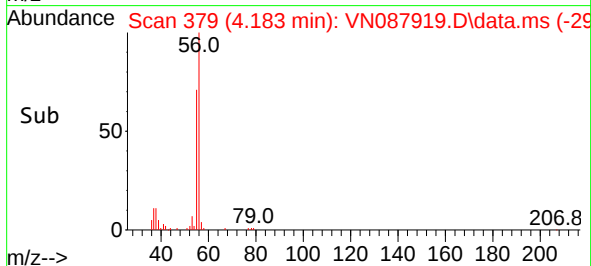
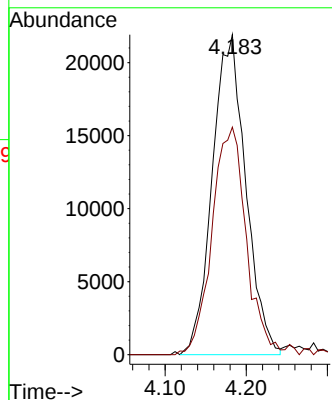
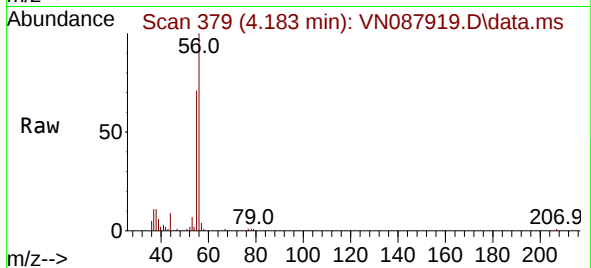
55 72.3 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#14

Acrylonitrile

Concen: 70.237 ug/l

RT: 5.706 min Scan# 638

Delta R.T. -0.012 min

Lab File: VN087919.D

Acq: 22 Sep 2025 14:06

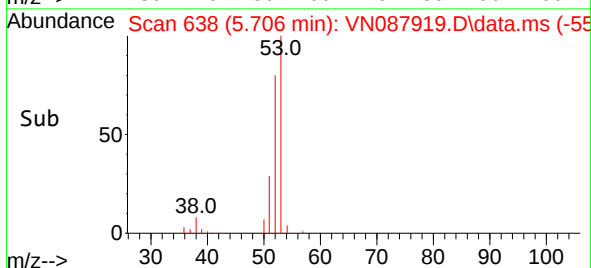
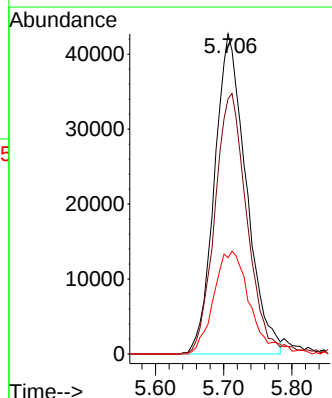
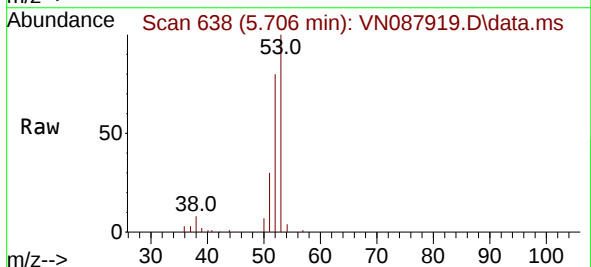
Tgt Ion: 53 Resp: 138107

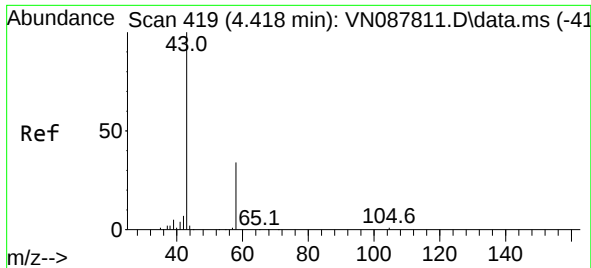
Ion Ratio Lower Upper

53 100

52 82.0 40.9 122.7

51 34.8 18.1 54.1





#15

Acetone

Concen: 60.738 ug/l

RT: 4.430 min Scan# 419

Delta R.T. 0.000 min

Lab File: VN087919.D

Acq: 22 Sep 2025 14:06

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(Aug)MSD

Tgt Ion: 58 Resp: 3725

Ion Ratio Lower Upper

58 100

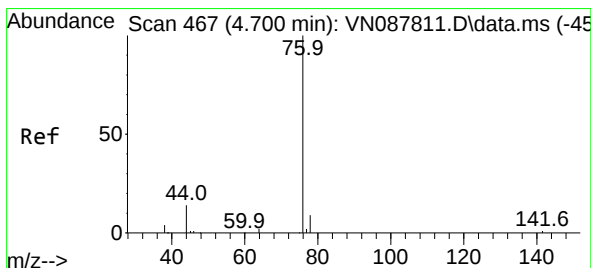
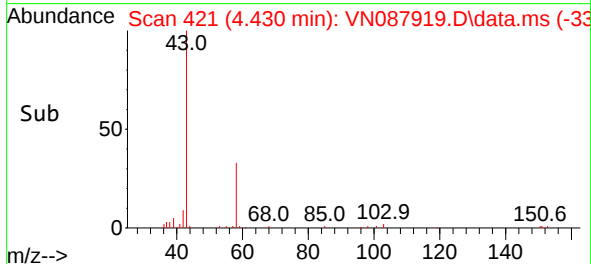
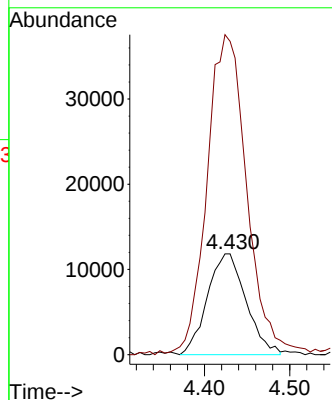
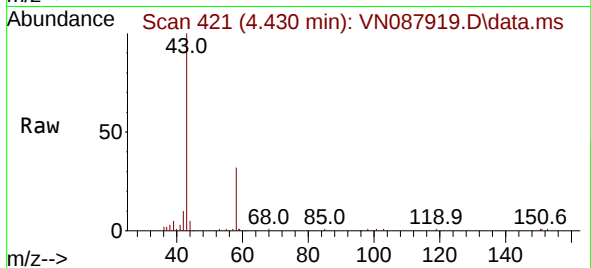
43 303.0 250.6 376.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#16

Carbon Disulfide

Concen: 12.069 ug/l

RT: 4.701 min Scan# 467

Delta R.T. -0.006 min

Lab File: VN087919.D

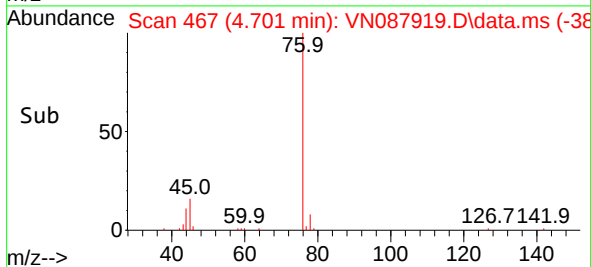
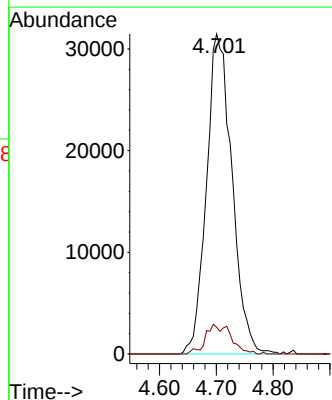
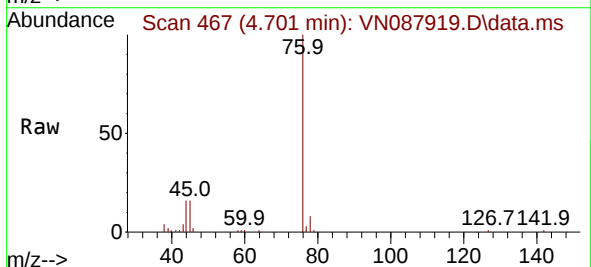
Acq: 22 Sep 2025 14:06

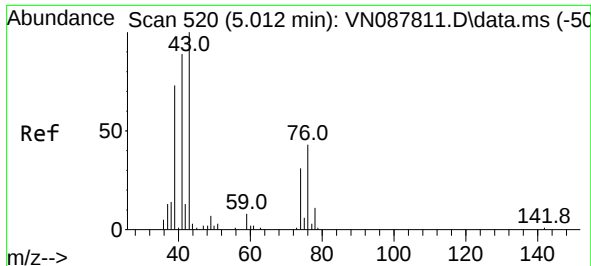
Tgt Ion: 76 Resp: 98202

Ion Ratio Lower Upper

76 100

78 8.3 5.0 7.6#





#17

Allyl chloride

Concen: 11.744 ug/l

RT: 5.018 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN087919.D

Acq: 22 Sep 2025 14:06

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(Aug)MSD

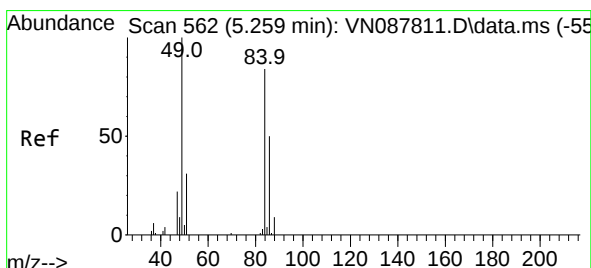
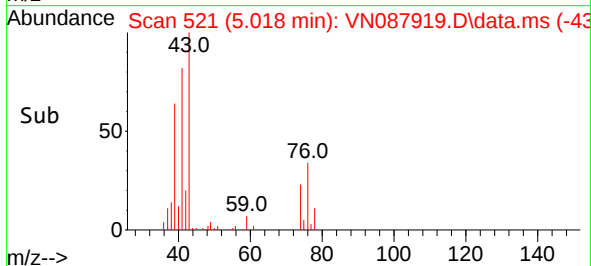
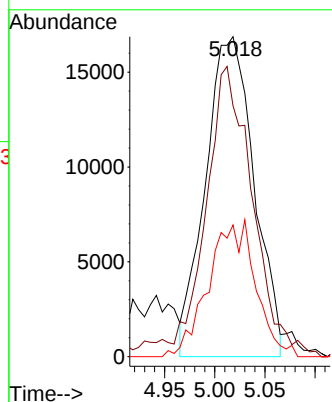
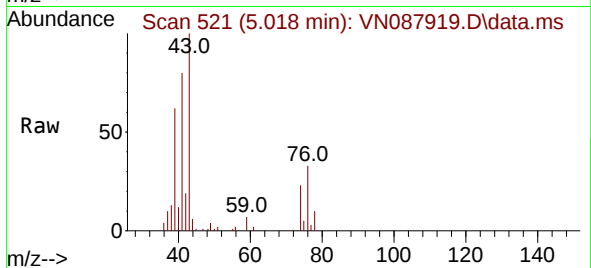
Tgt Ion:	41	Resp:	5684
Ion	Ratio	Lower	Upper
41	100		
39	73.4	36.7	110.1
76	41.2	18.3	54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#18

Methylene Chloride

Concen: 15.224 ug/l

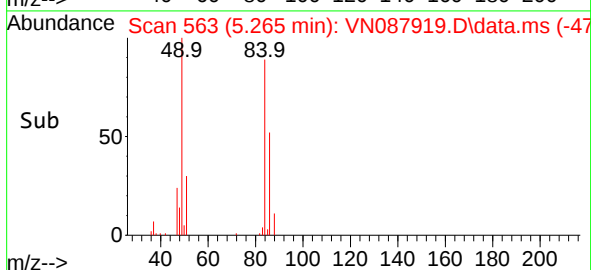
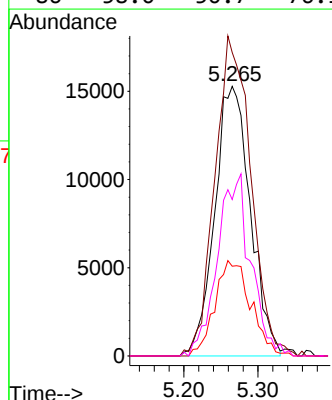
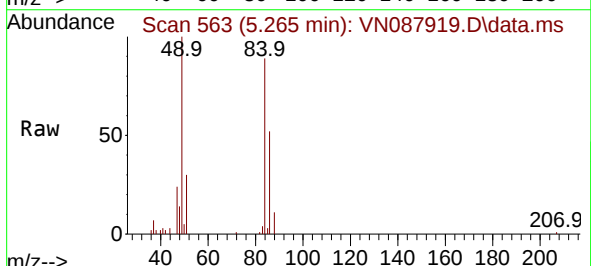
RT: 5.265 min Scan# 563

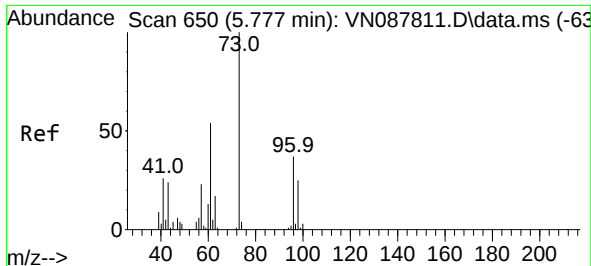
Delta R.T. 0.000 min

Lab File: VN087919.D

Acq: 22 Sep 2025 14:06

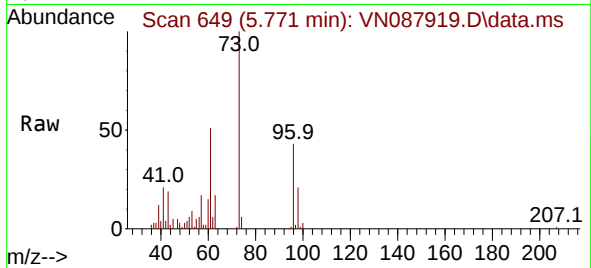
Tgt Ion:	84	Resp:	51105
Ion	Ratio	Lower	Upper
84	100		
49	112.5	114.1	171.1#
51	33.3	30.2	45.4
86	58.0	50.7	76.1





#19
trans-1,2-Dichloroethene
Concen: 14.320 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

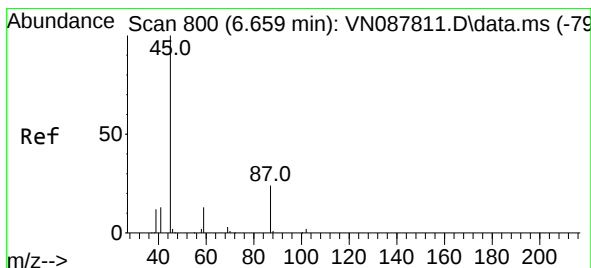
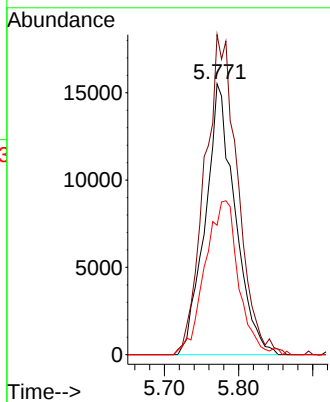
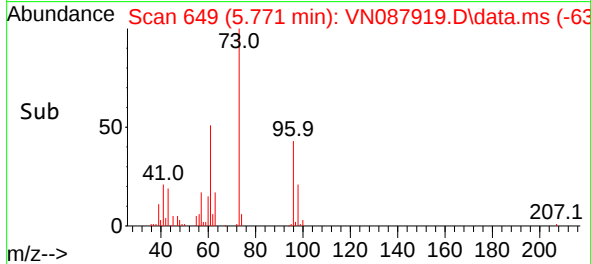
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



Tgt Ion: 96 Resp: 43279
Ion Ratio Lower Upper
96 100
61 116.2 106.4 159.6
98 46.2 48.9 73.3

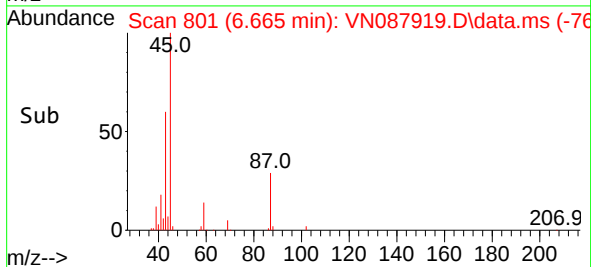
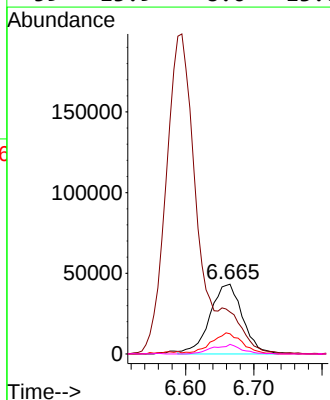
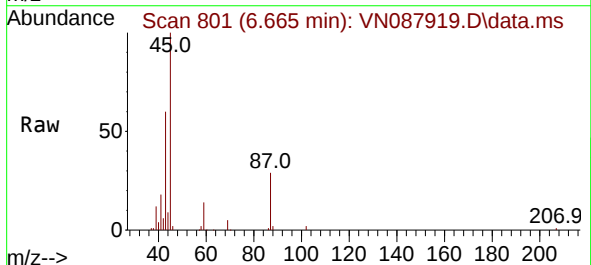
Manual Integrations
APPROVED

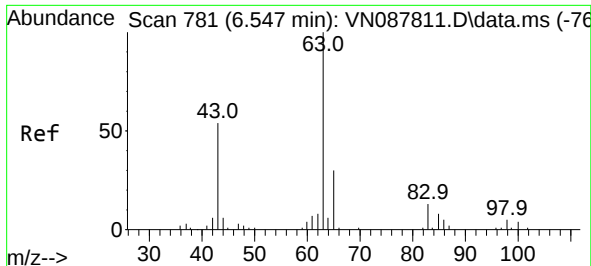
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#20
Diisopropyl ether
Concen: 12.896 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

Tgt Ion: 45 Resp: 143540
Ion Ratio Lower Upper
45 100
43 58.8 49.5 74.3
87 29.2 18.8 28.2#
59 13.9 8.6 13.0#





#21

1,1-Dichloroethane

Concen: 14.282 ug/l

RT: 6.553 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN087919.D

Acq: 22 Sep 2025 14:06

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(Aug)MSD

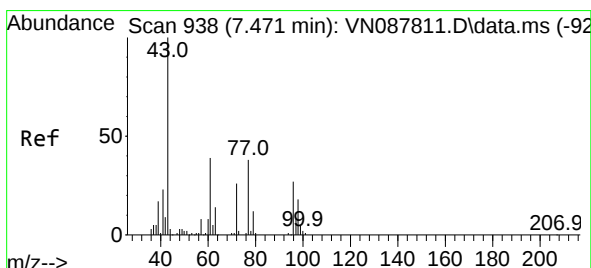
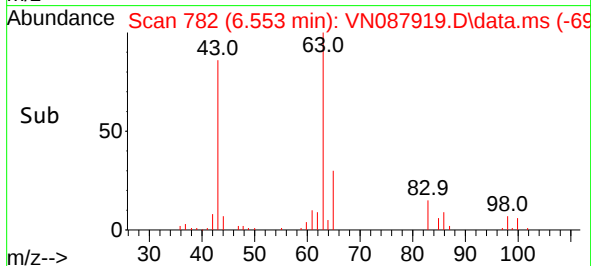
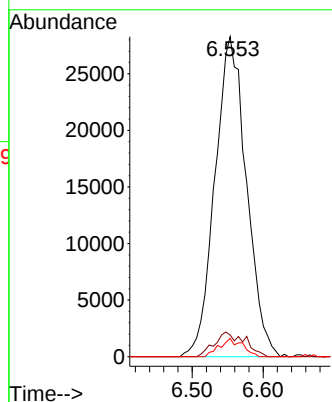
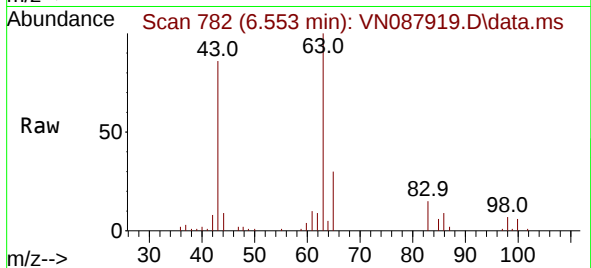
Tgt Ion:	63	Resp:	87054
Ion Ratio	Lower	Upper	
63	100		
98	6.8	2.9	8.8
100	5.7	1.8	5.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#22

cis-1,2-Dichloroethene

Concen: 14.751 ug/l

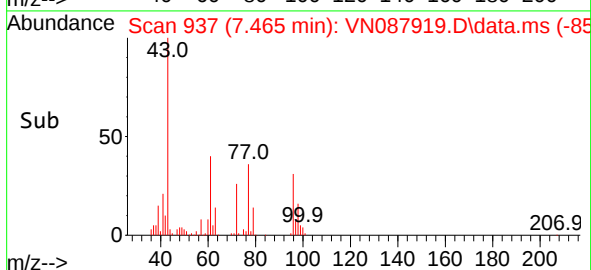
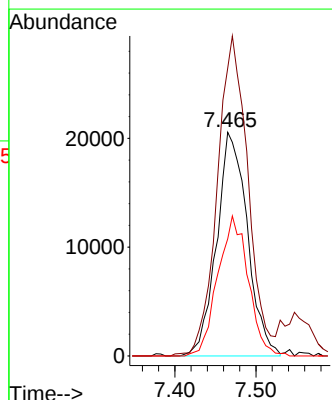
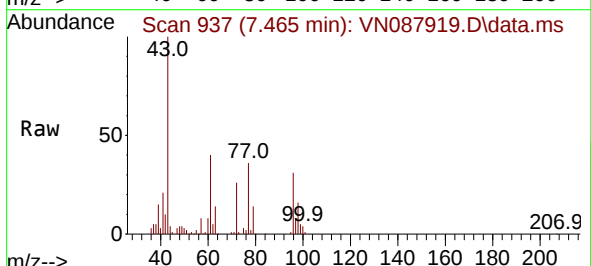
RT: 7.465 min Scan# 937

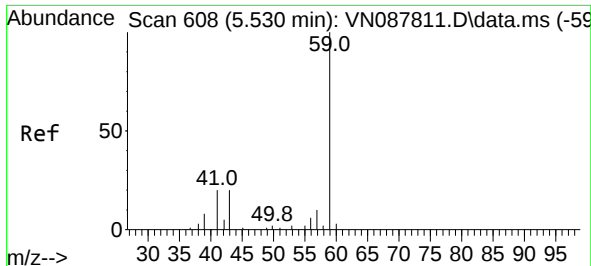
Delta R.T. 0.000 min

Lab File: VN087919.D

Acq: 22 Sep 2025 14:06

Tgt Ion:	96	Resp:	54115
Ion Ratio	Lower	Upper	
96	100		
61	140.1	118.2	177.2
98	61.7	51.6	77.4





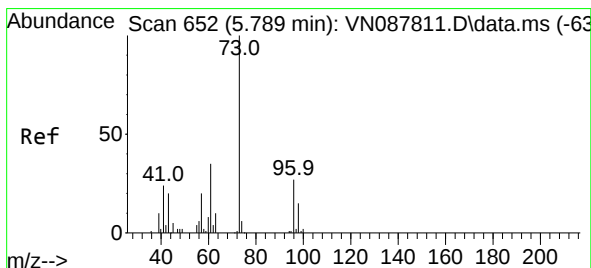
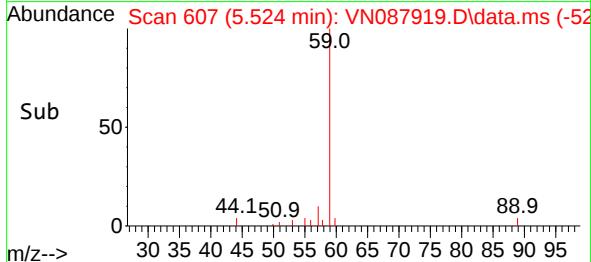
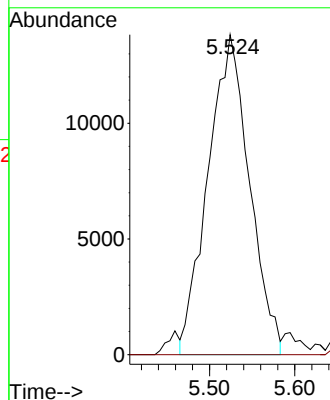
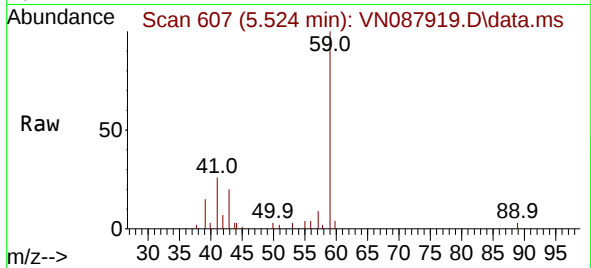
#23
tert-Butyl Alcohol
Concen: 67.271 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

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

Tgt Ion: 59 Resp: 46759
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

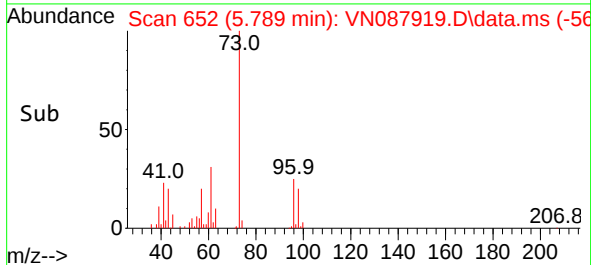
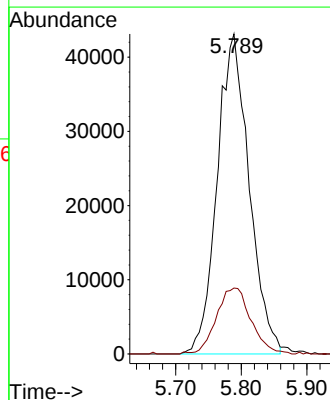
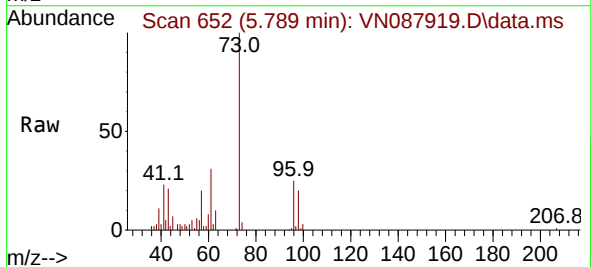
Manual Integrations
APPROVED

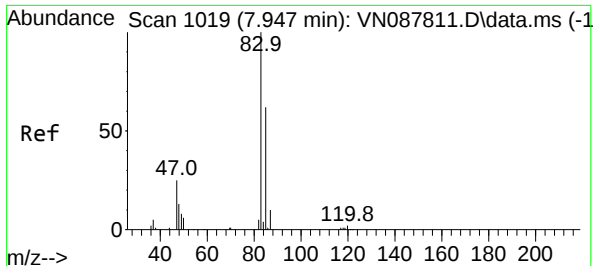
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#24
Methyl tert-Butyl Ether
Concen: 13.802 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

Tgt Ion: 73 Resp: 146026
Ion Ratio Lower Upper
73 100
43 22.1 16.8 25.2





#25

Chloroform

Concen: 16.107 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087919.D

Acq: 22 Sep 2025 14:06

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(Aug)MSD

Tgt Ion: 83 Resp: 10277

Ion Ratio Lower Upper

83 100

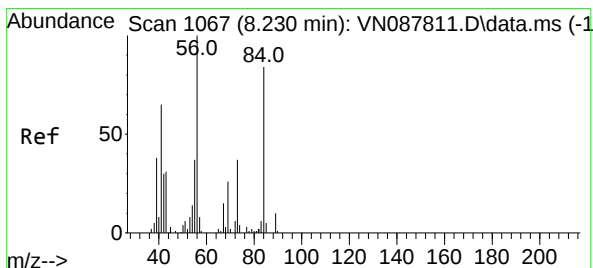
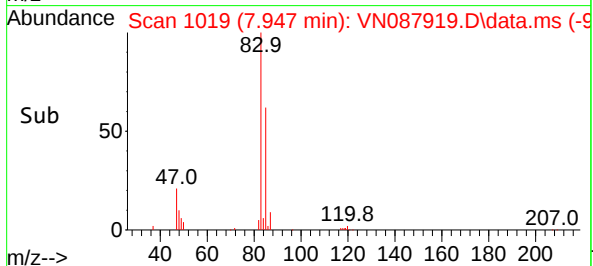
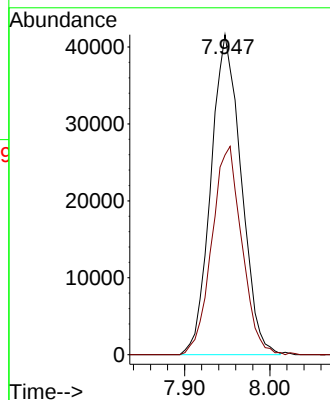
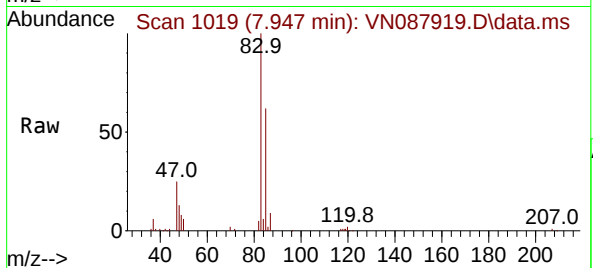
85 62.4 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#26

Cyclohexane

Concen: 11.352 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087919.D

Acq: 22 Sep 2025 14:06

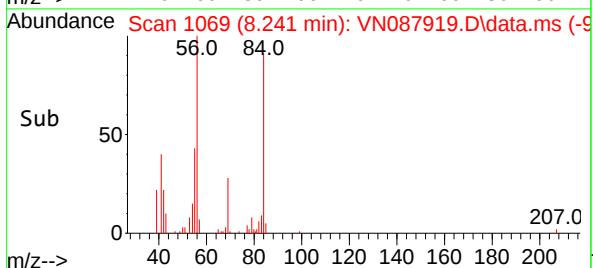
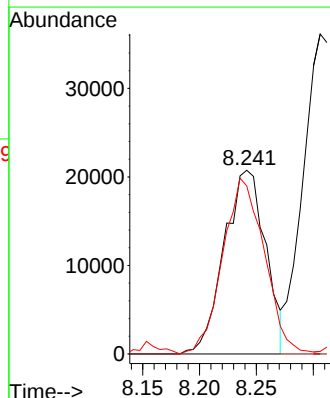
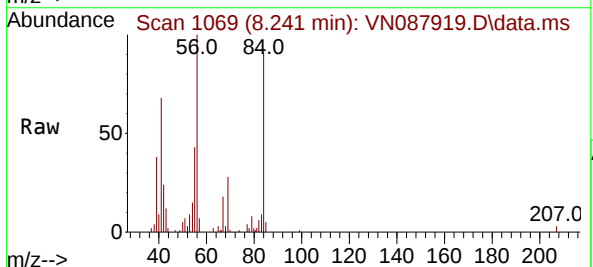
Tgt Ion: 56 Resp: 52696

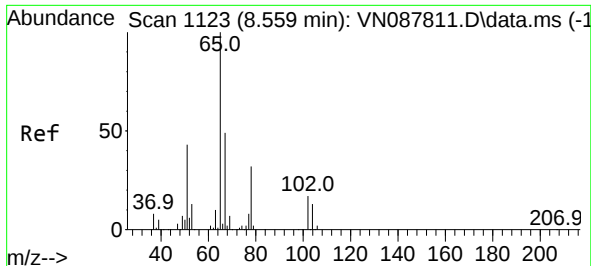
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

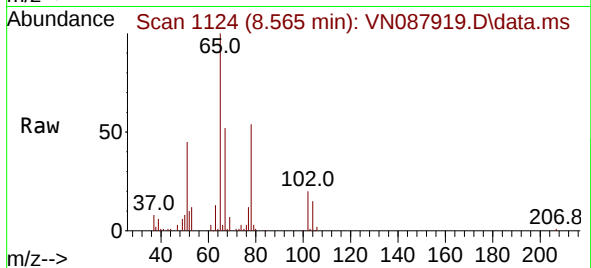
84 96.0 69.4 104.2





#27
1,2-Dichloroethane-d4
Concen: 26.841 ug/l
RT: 8.565 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

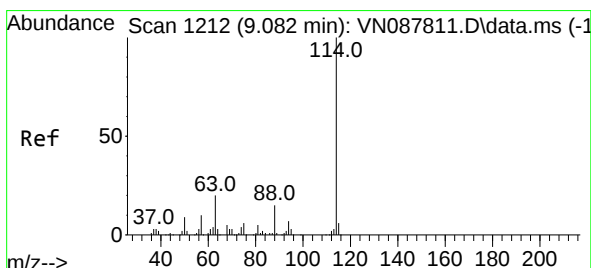
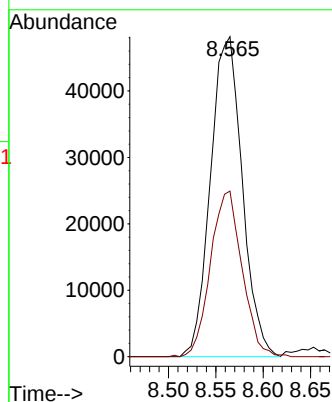
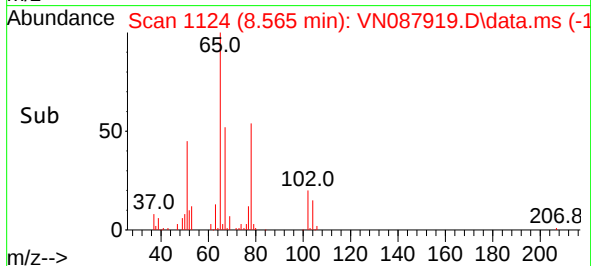
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



Tgt Ion: 65 Resp: 112554
Ion Ratio Lower Upper
65 100
67 51.3 39.6 59.4

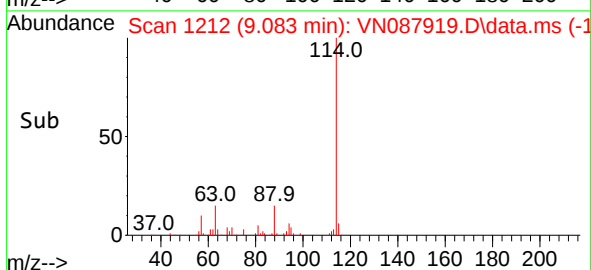
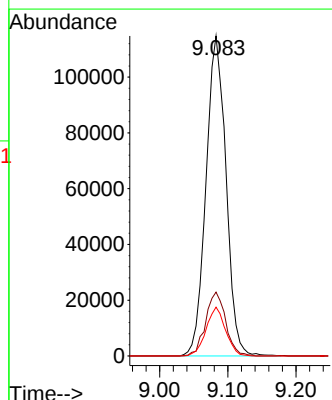
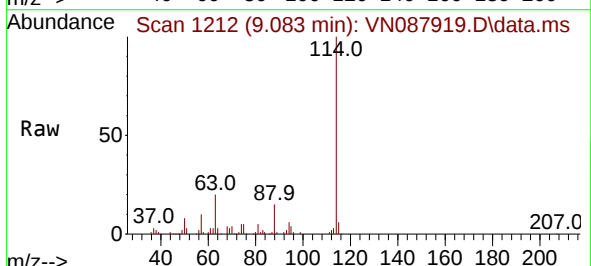
Manual Integrations
APPROVED

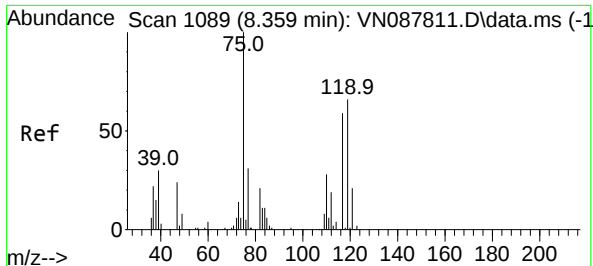
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

Tgt Ion:114 Resp: 234680
Ion Ratio Lower Upper
114 100
63 20.0 18.3 27.5
88 14.8 12.4 18.6





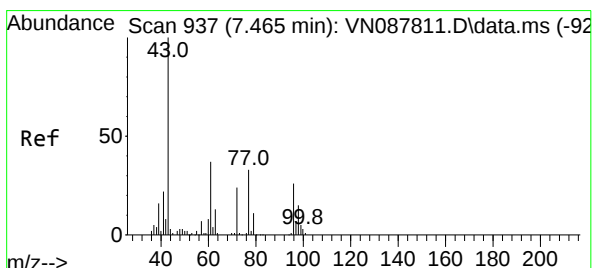
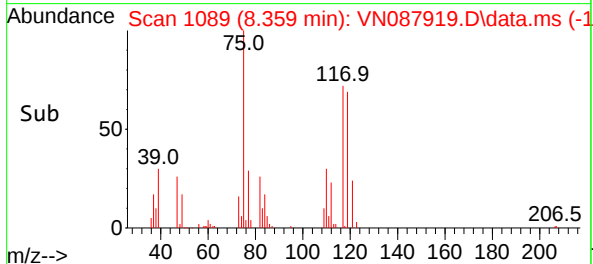
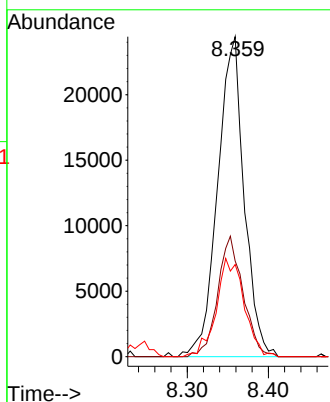
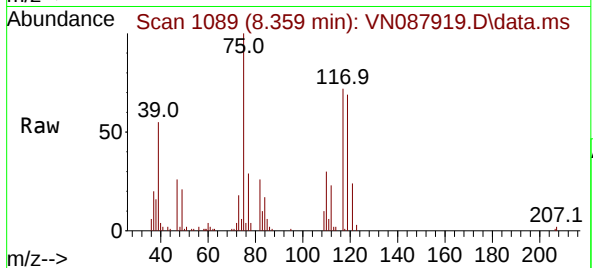
#29
1,1-Dichloropropene
Concen: 14.528 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

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

Tgt Ion: 75	Resp: 55408
Ion Ratio	Lower Upper
75 100	
110 36.1	0.0 64.4
77 31.6	0.0 62.2

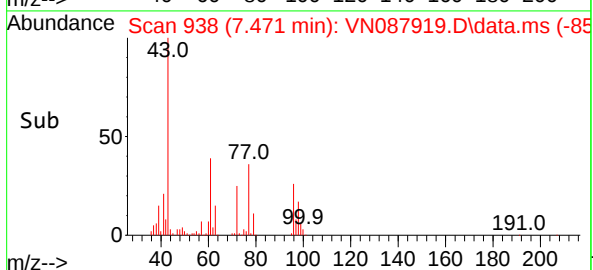
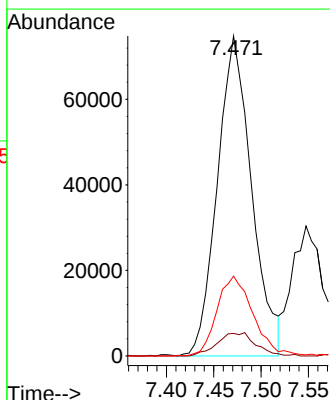
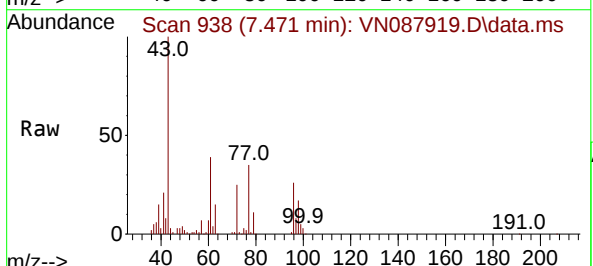
Manual Integrations
APPROVED

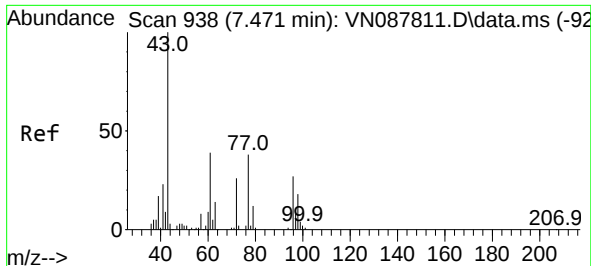
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#30
2-Butanone
Concen: 71.670 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

Tgt Ion: 43	Resp: 188301
Ion Ratio	Lower Upper
43 100	
57 5.0	6.3 9.5#
72 25.7	21.4 32.2





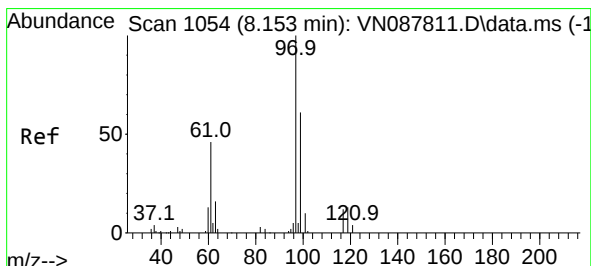
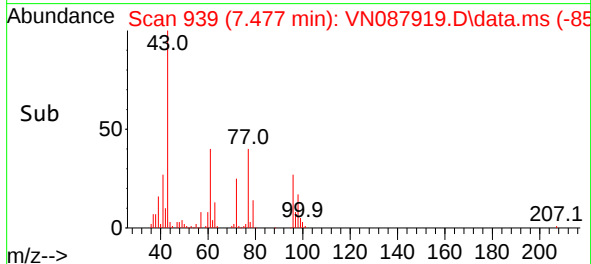
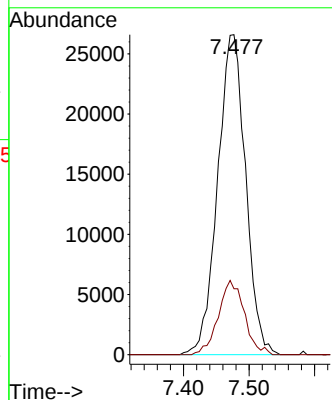
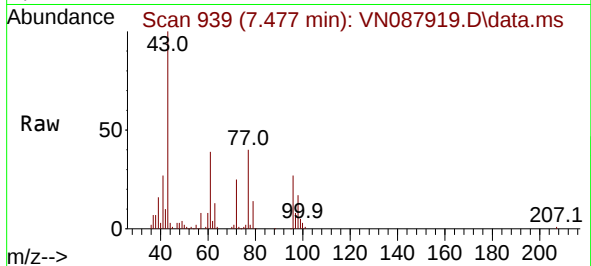
#31
2,2-Dichloropropane
Concen: 17.128 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

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

Tgt Ion: 77 Resp: 78749
Ion Ratio Lower Upper
77 100
97 21.2 17.1 25.7

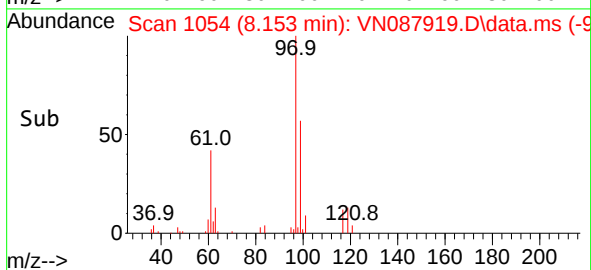
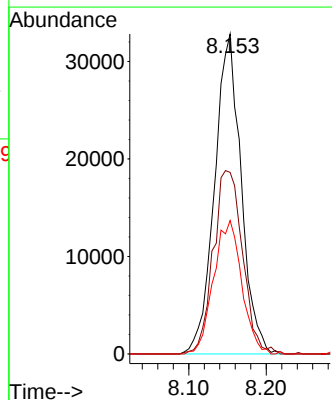
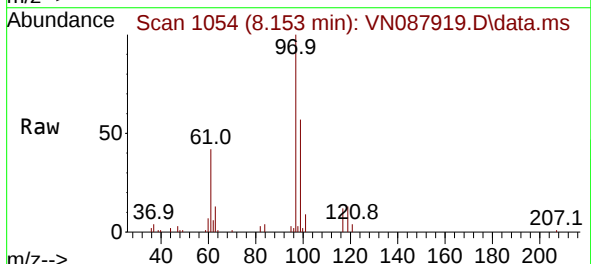
Manual Integrations
APPROVED

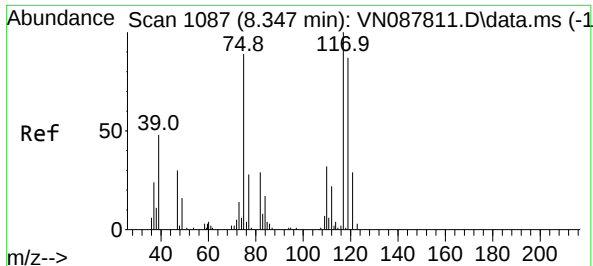
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#32
1,1,1-Trichloroethane
Concen: 16.173 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

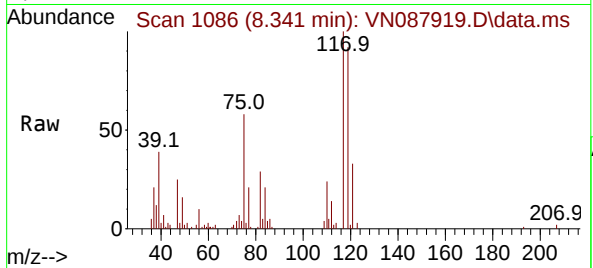
Tgt Ion: 97 Resp: 78202
Ion Ratio Lower Upper
97 100
99 62.7 52.2 78.4
61 44.2 37.9 56.9





#33
Carbon Tetrachloride
Concen: 17.002 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

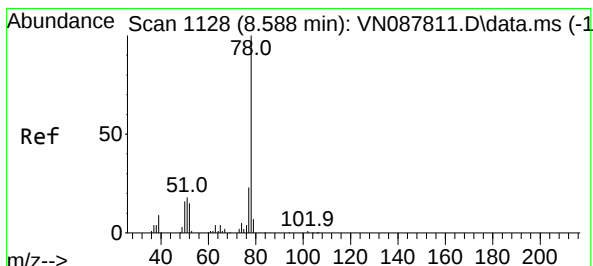
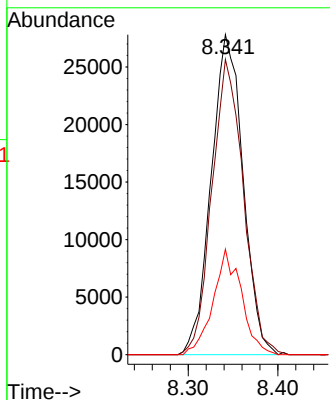
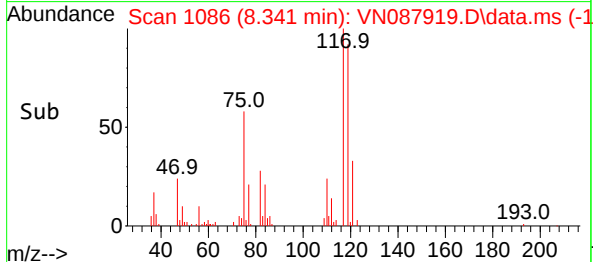
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



Tgt Ion:117 Resp: 68548
Ion Ratio Lower Upper
117 100
119 92.2 77.3 115.9
121 32.9 26.6 39.8

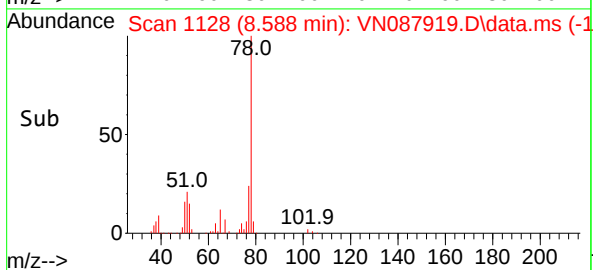
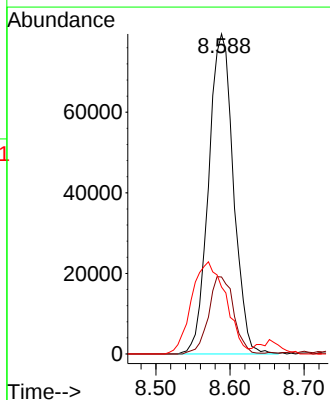
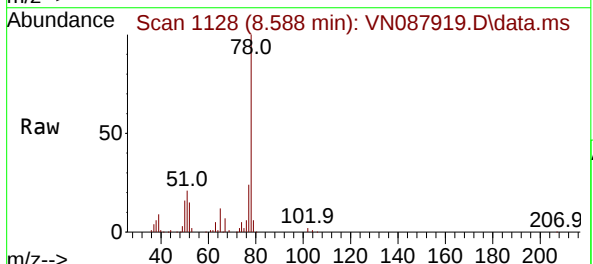
Manual Integrations
APPROVED

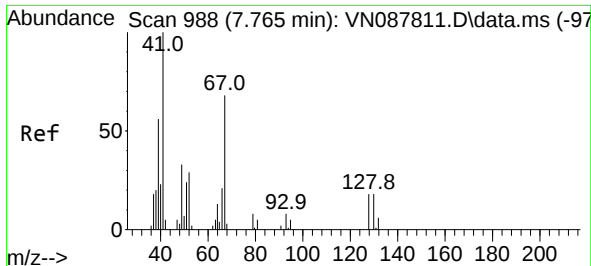
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#34
Benzene
Concen: 14.987 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

Tgt Ion: 78 Resp: 184737
Ion Ratio Lower Upper
78 100
77 24.1 20.3 30.5
51 18.1 18.0 27.0





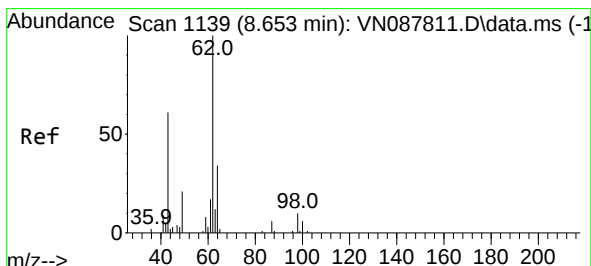
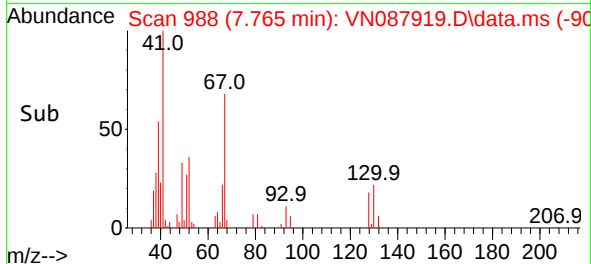
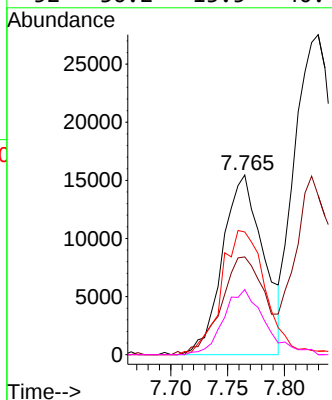
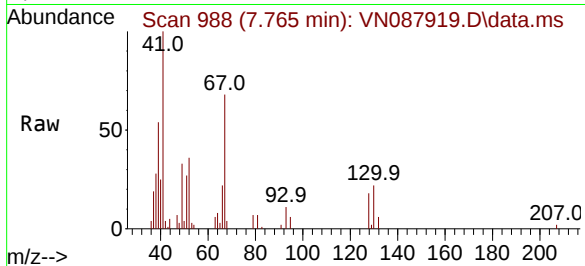
#35
Methacrylonitrile
Concen: 14.080 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

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

Tgt Ion:	41	Resp:	3869
Ion Ratio	Lower	Upper	
41	100		
39	52.7	27.1	81.2
67	68.3	32.1	96.5
52	36.2	13.5	40.4

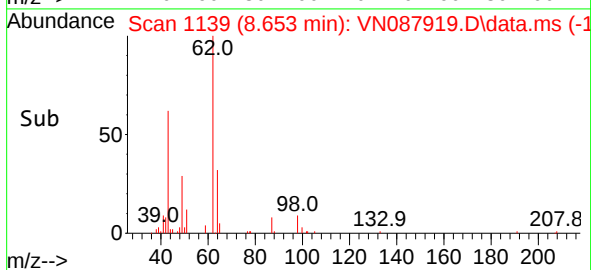
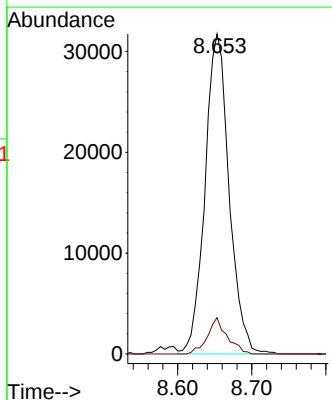
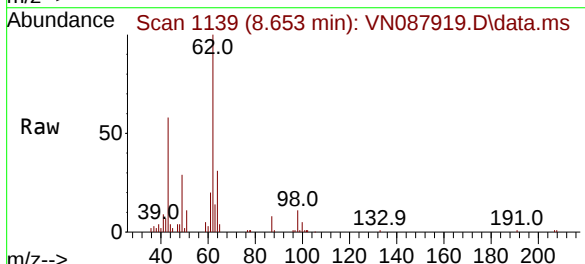
Manual Integrations
APPROVED

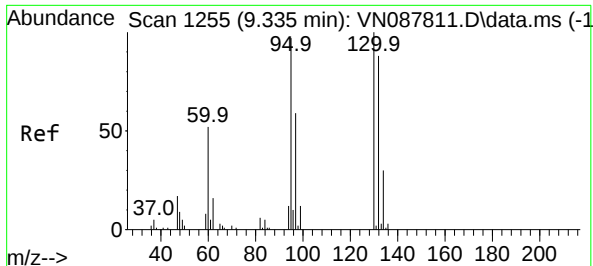
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#36
1,2-Dichloroethane
Concen: 15.428 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

Tgt Ion:	62	Resp:	71833
Ion Ratio	Lower	Upper	
62	100		
98	9.3	7.2	10.8





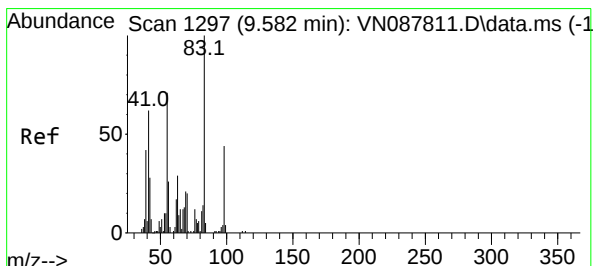
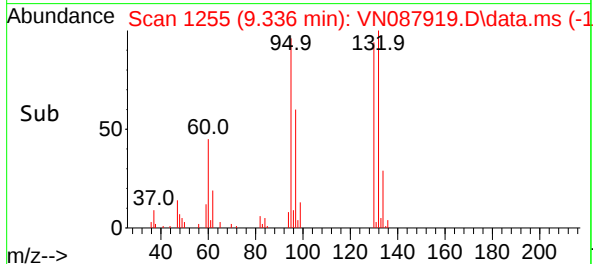
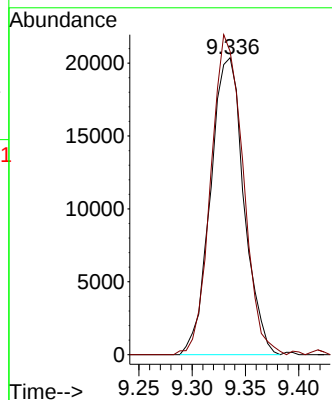
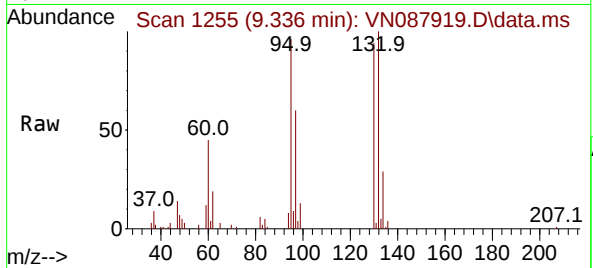
#37
Trichloroethene
Concen: 16.078 ug/l
RT: 9.336 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

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

Tgt Ion:130 Resp: 4430
Ion Ratio Lower Upper
130 100
95 101.0 82.7 124.1

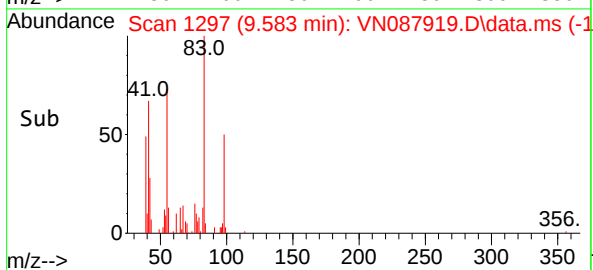
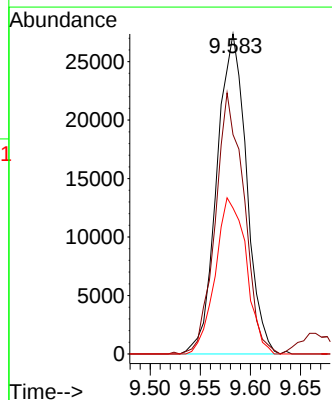
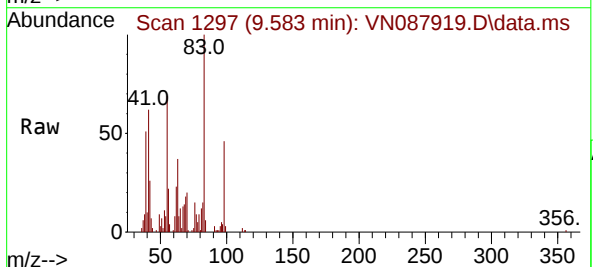
Manual Integrations
APPROVED

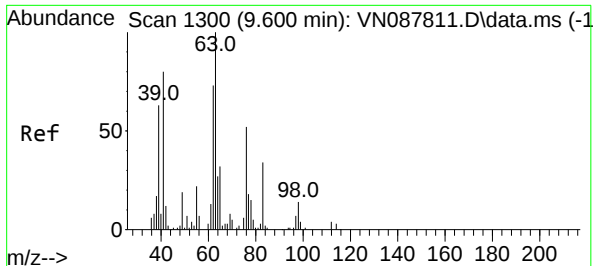
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#38
Methylcyclohexane
Concen: 13.390 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

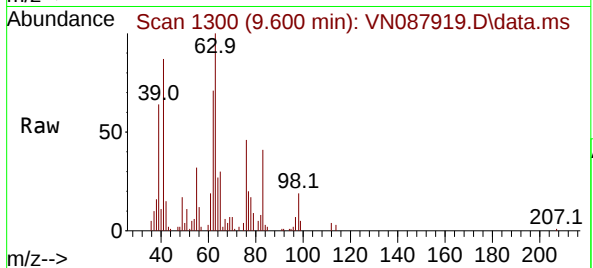
Tgt Ion: 83 Resp: 56231
Ion Ratio Lower Upper
83 100
55 78.9 40.4 121.1
98 50.9 24.0 72.0





#39
1,2-Dichloropropane
Concen: 15.520 ug/l
RT: 9.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

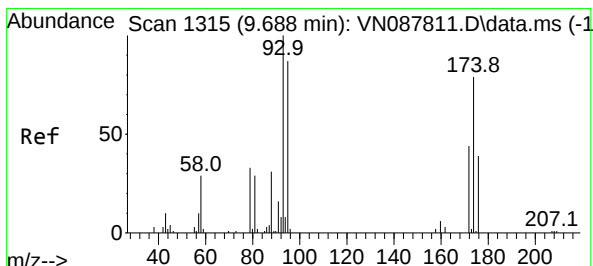
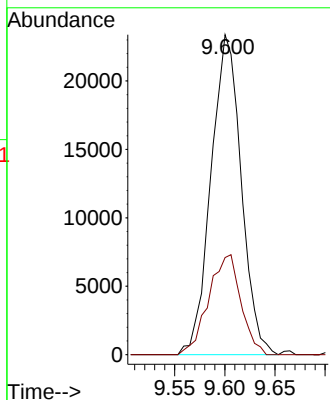
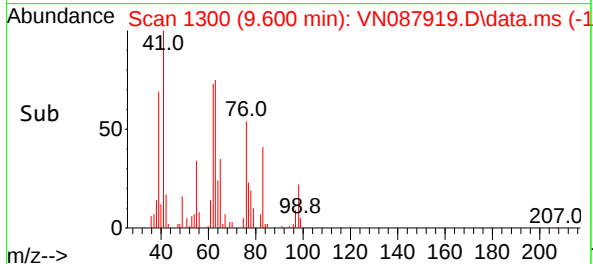
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



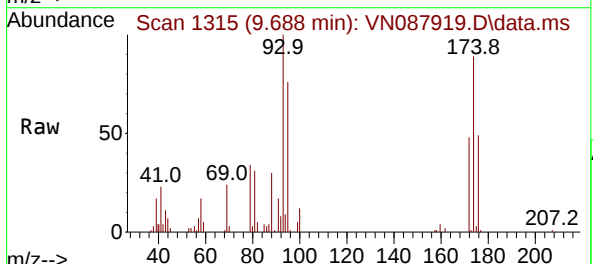
Tgt Ion: 63 Resp: 48998
Ion Ratio Lower Upper
63 100
65 30.4 24.1 36.1

Manual Integrations
APPROVED

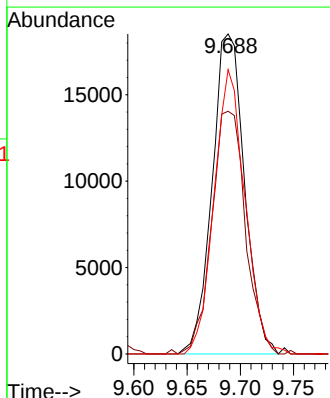
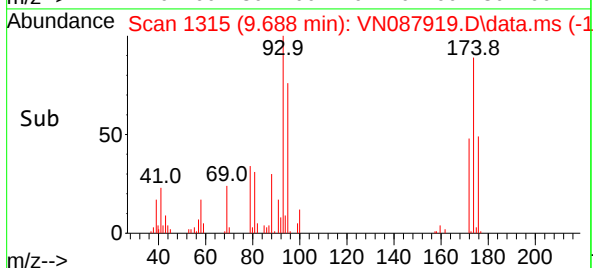
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

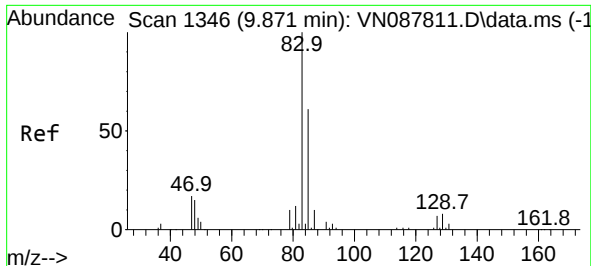


#40
Dibromomethane
Concen: 16.677 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06



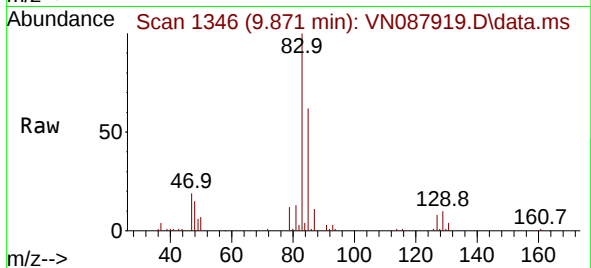
Tgt Ion: 93 Resp: 39182
Ion Ratio Lower Upper
93 100
95 78.7 0.0 168.4
174 84.8 0.0 162.8





#41
Bromodichloromethane
Concen: 16.521 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

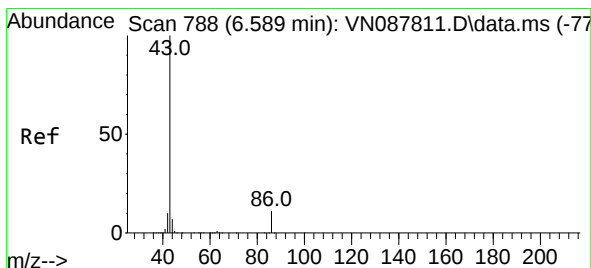
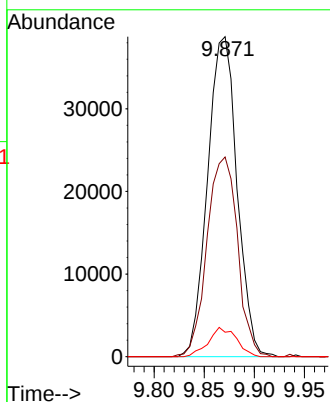
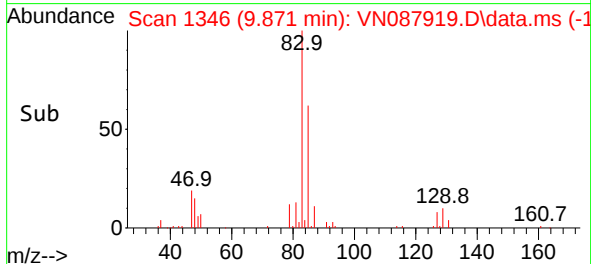
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



Tgt Ion: 83 Resp: 7933
Ion Ratio Lower Upper
83 100
85 62.4 47.3 70.9
127 7.7 5.2 7.8

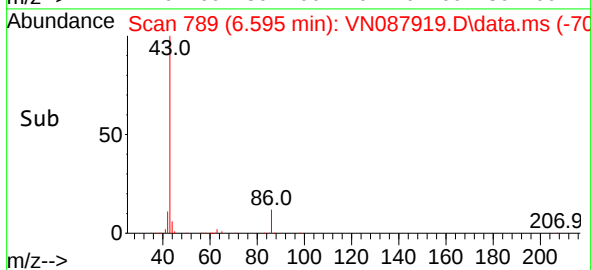
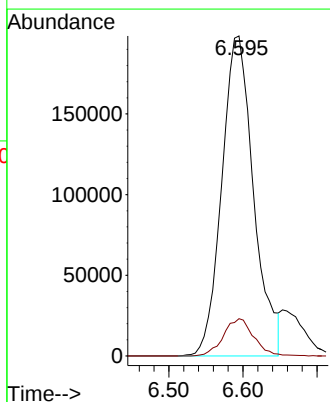
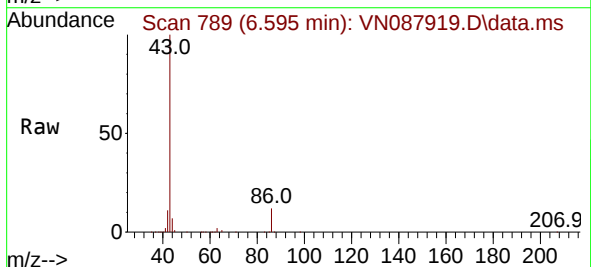
Manual Integrations
APPROVED

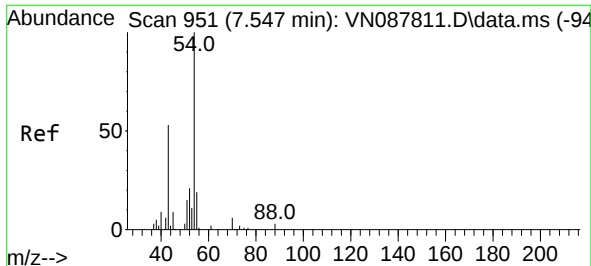
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#42
Vinyl Acetate
Concen: 67.563 ug/l
RT: 6.595 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

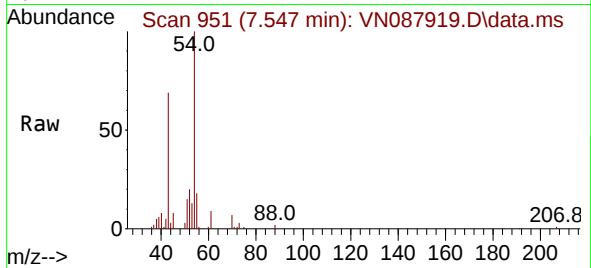
Tgt Ion: 43 Resp: 593098
Ion Ratio Lower Upper
43 100
86 11.1 7.7 11.5





#43
Ethyl Acetate
Concen: 14.657 ug/l m
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

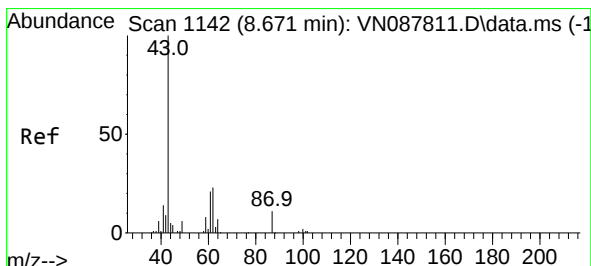
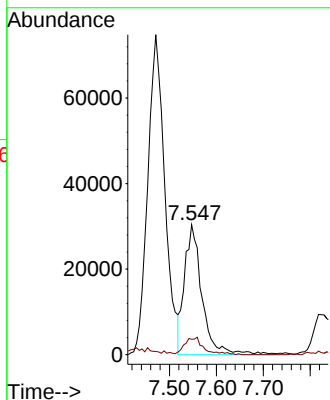
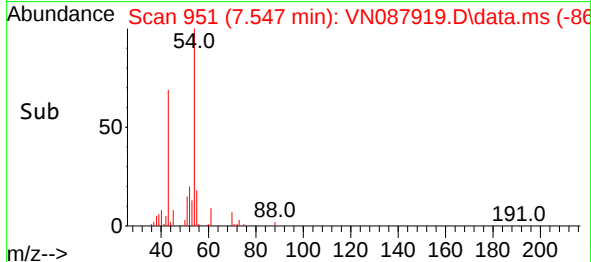
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



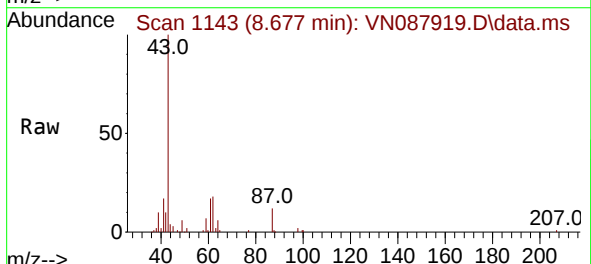
Tgt Ion: 43 Resp: 78679
Ion Ratio Lower Upper
43 100
45 0.1 10.5 15.7

Manual Integrations
APPROVED

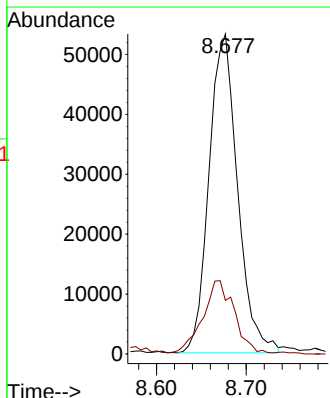
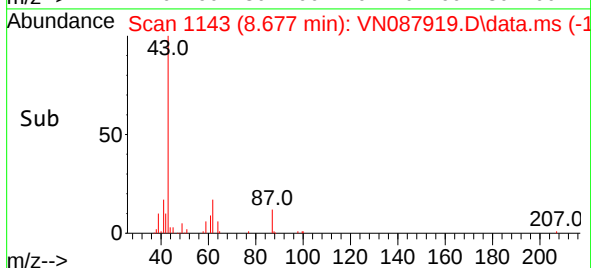
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

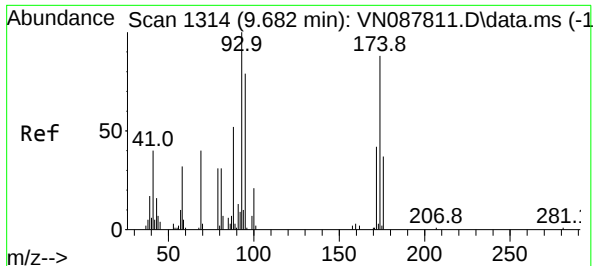


#44
Isopropyl Acetate
Concen: 14.004 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06



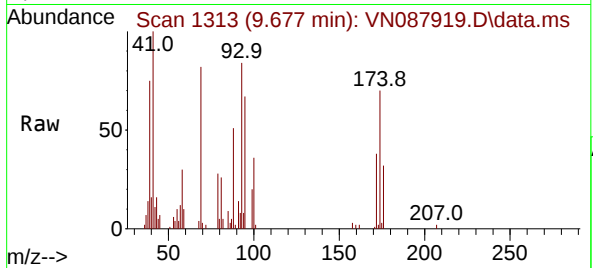
Tgt Ion: 43 Resp: 117847
Ion Ratio Lower Upper
43 100
61 24.7 19.5 29.3





#45
1,4-Dioxane
Concen: 302.192 ug/l
RT: 9.677 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

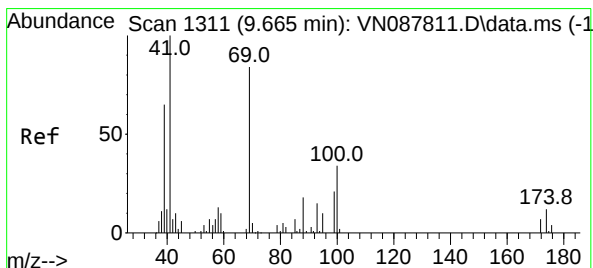
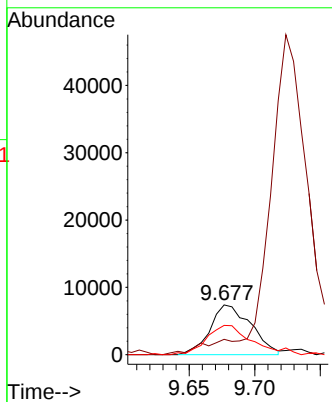
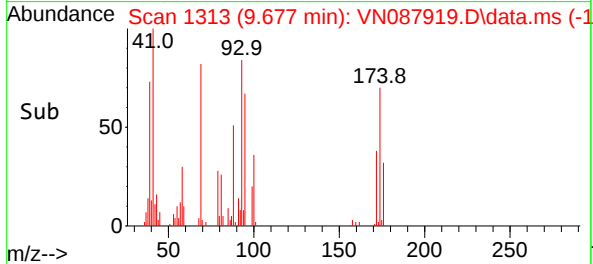
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



Tgt Ion: 88 Resp: 1603
Ion Ratio Lower Upper
88 100
43 6.6 23.6 35.4
58 62.0 60.5 90.7

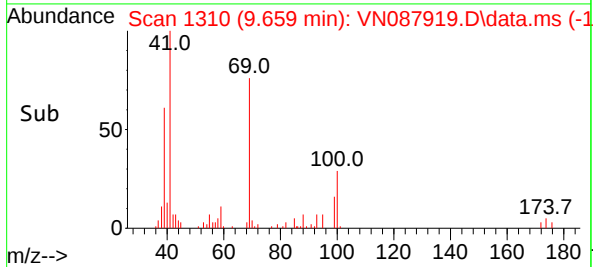
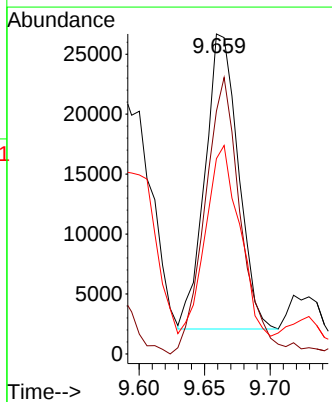
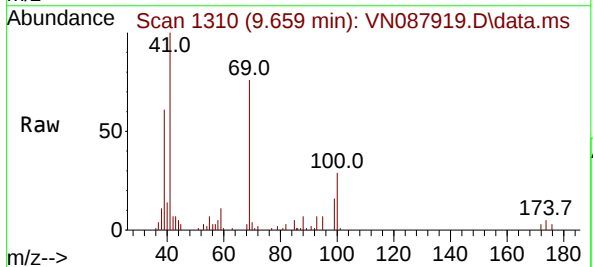
Manual Integrations
APPROVED

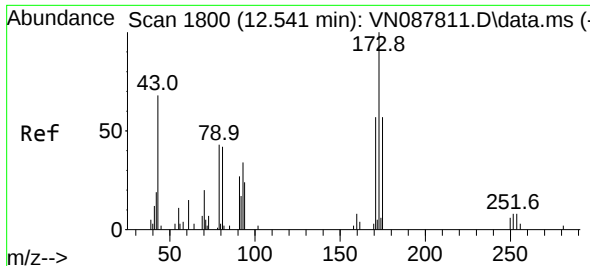
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#46
Methyl methacrylate
Concen: 11.228 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

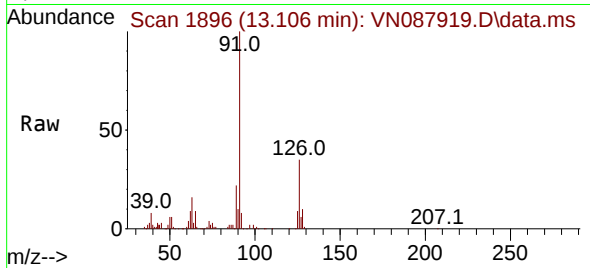
Tgt Ion: 41 Resp: 43552
Ion Ratio Lower Upper
41 100
69 80.2 40.3 120.9
39 59.3 31.9 95.9





#47
n-amyl acetate
Concen: 13.378 ug/l m
RT: 13.106 min Scan# 1800
Delta R.T. 0.435 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

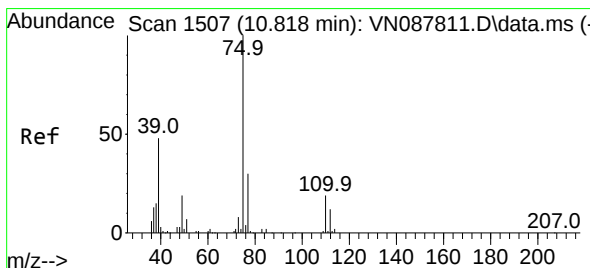
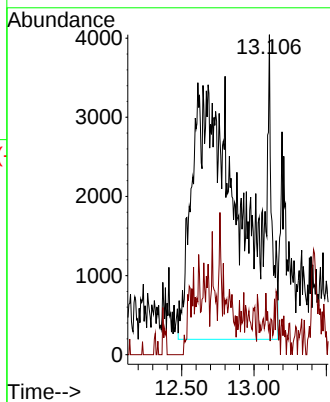
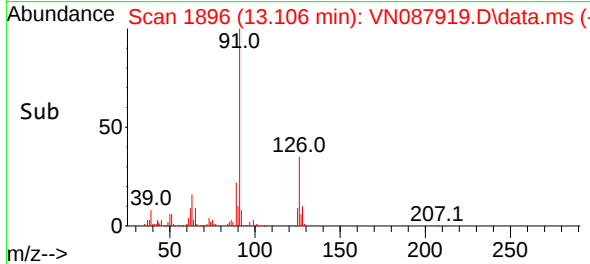
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



Tgt Ion: 43 Resp: 76080
Ion Ratio Lower Upper
43 100
55 1.8 0.7 1.1

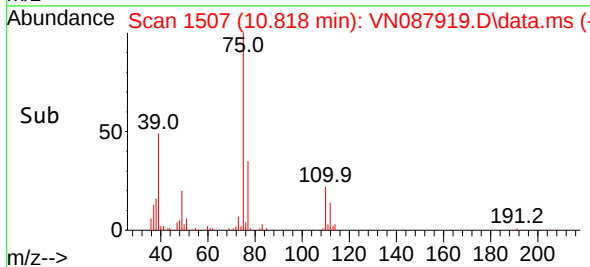
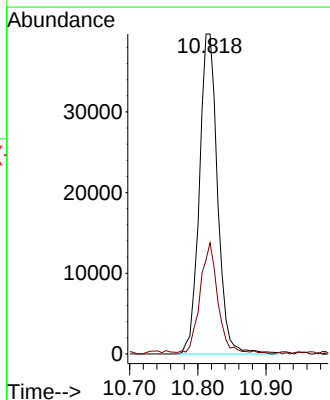
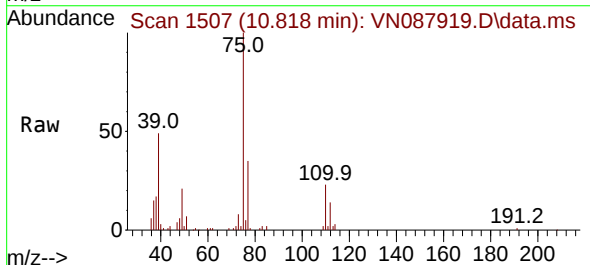
Manual Integrations
APPROVED

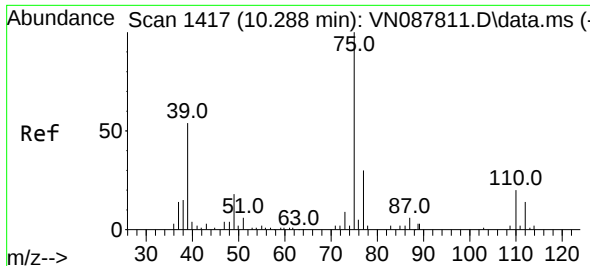
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#48
t-1,3-Dichloropropene
Concen: 14.763 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

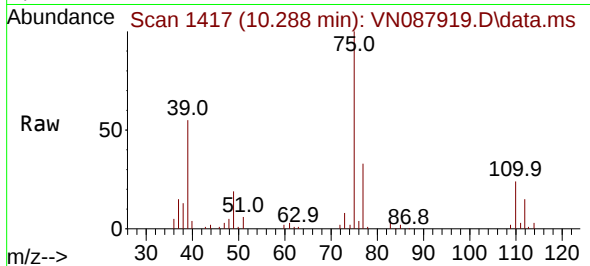
Tgt Ion: 75 Resp: 73628
Ion Ratio Lower Upper
75 100
77 34.3 24.7 37.1





#49
cis-1,3-Dichloropropene
Concen: 14.238 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

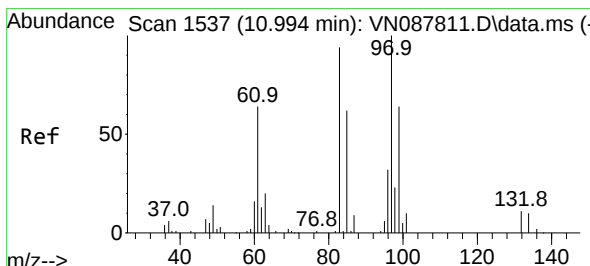
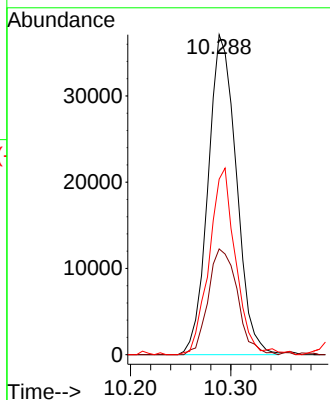
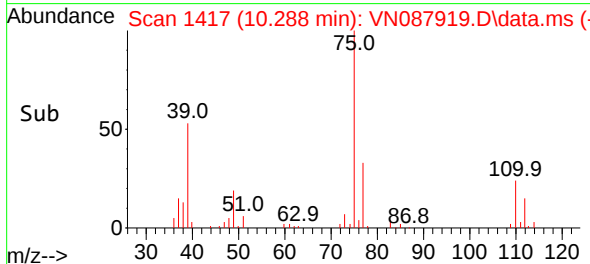
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



Tgt Ion: 75 Resp: 72730
Ion Ratio Lower Upper
75 100
77 33.1 27.8 41.6
39 54.8 47.6 71.4

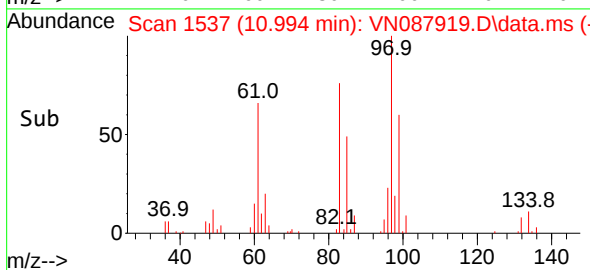
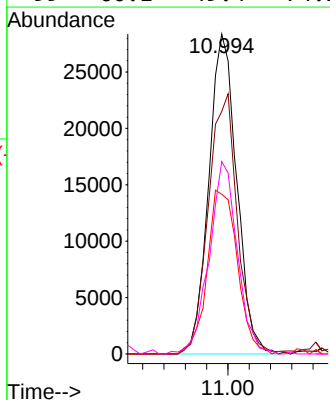
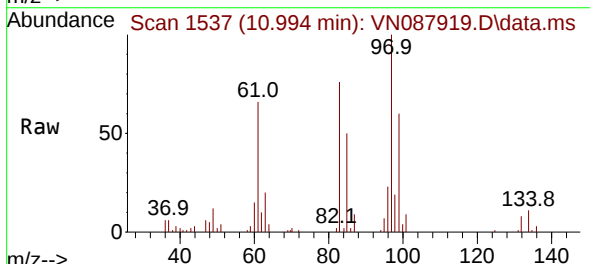
Manual Integrations
APPROVED

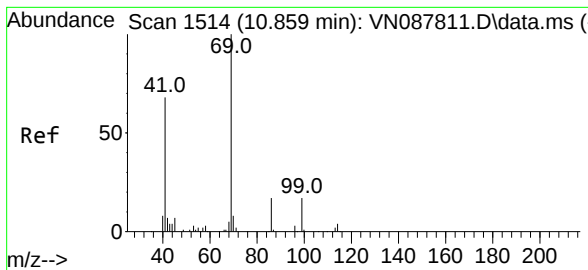
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#50
1,1,2-Trichloroethane
Concen: 16.998 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

Tgt Ion: 97 Resp: 51580
Ion Ratio Lower Upper
97 100
83 75.8 70.5 105.7
85 49.9 46.3 69.5
99 60.1 49.4 74.2





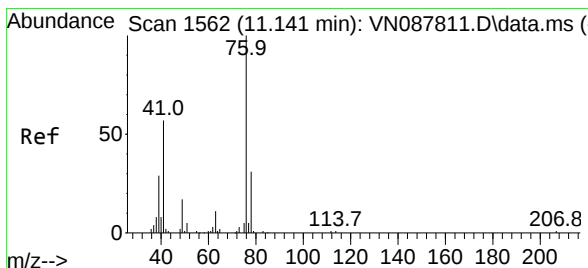
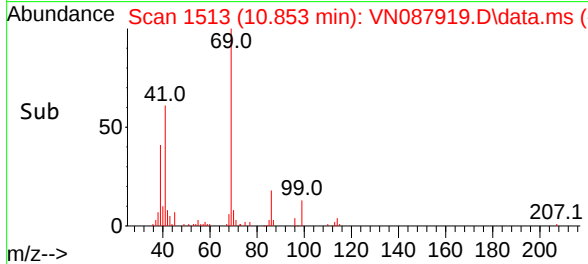
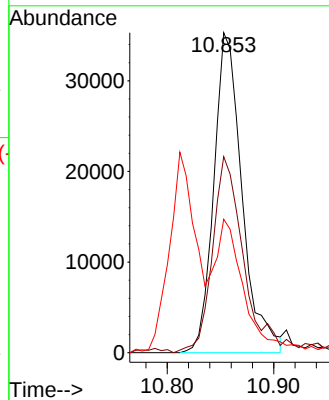
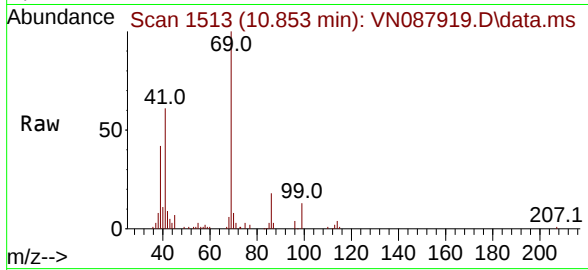
#51
Ethyl methacrylate
Concen: 13.762 ug/l
RT: 10.853 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

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

Tgt Ion: 69 Resp: 64990
Ion Ratio Lower Upper
69 100
41 60.4 33.7 101.0
39 38.3 20.3 60.9

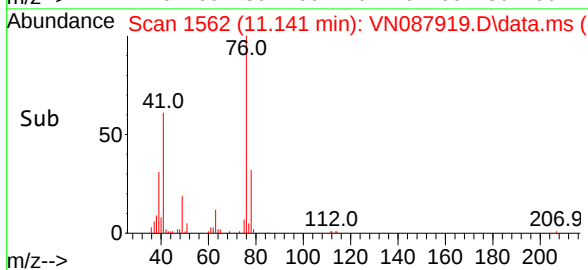
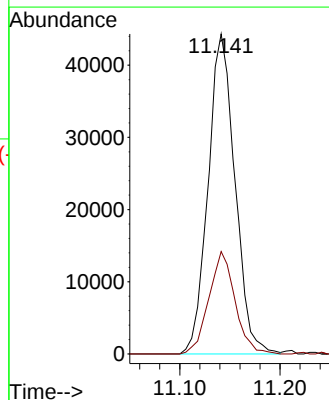
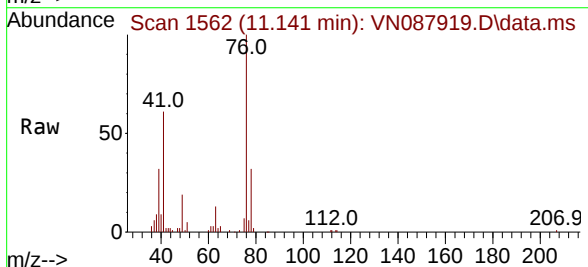
Manual Integrations
APPROVED

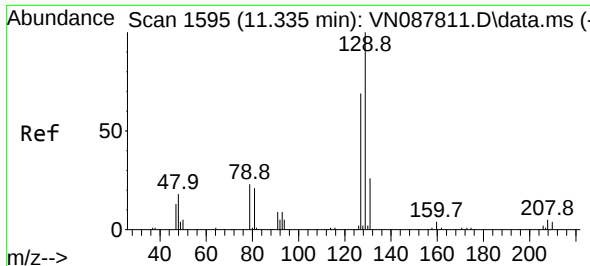
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#52
1,3-Dichloropropane
Concen: 15.686 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

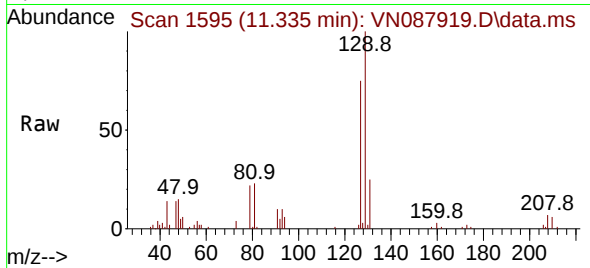
Tgt Ion: 76 Resp: 82656
Ion Ratio Lower Upper
76 100
78 31.2 0.0 65.2





#53
Dibromochloromethane
Concen: 19.144 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

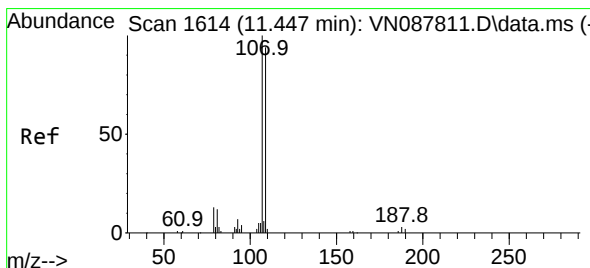
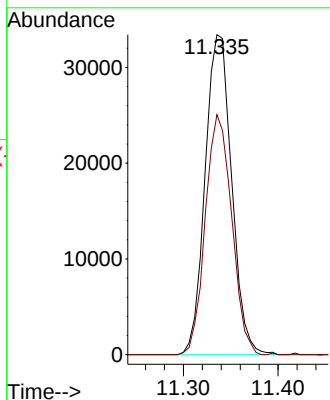
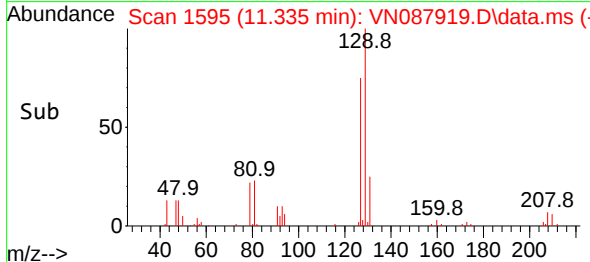
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



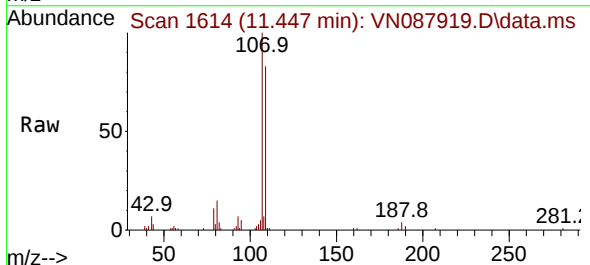
Tgt Ion:129 Resp: 65135
Ion Ratio Lower Upper
129 100
127 74.6 42.6 128.0

Manual Integrations
APPROVED

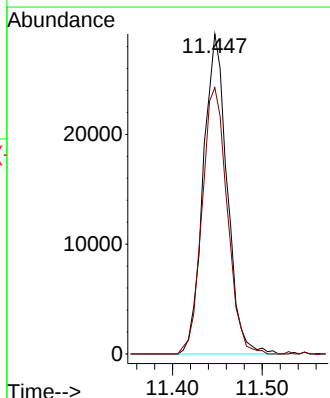
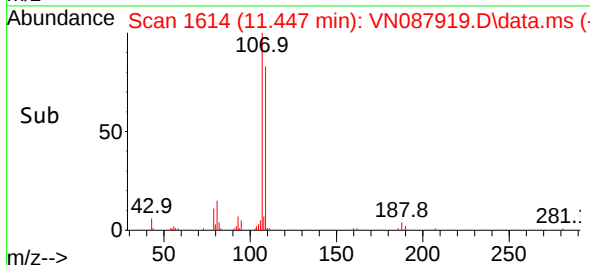
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

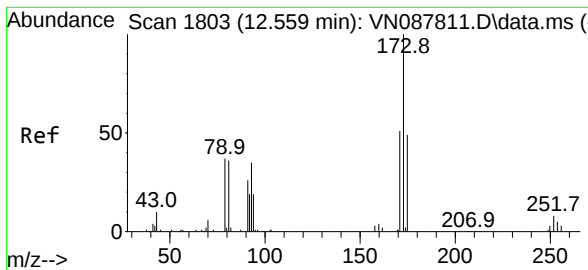


#54
1,2-Dibromoethane
Concen: 17.005 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06



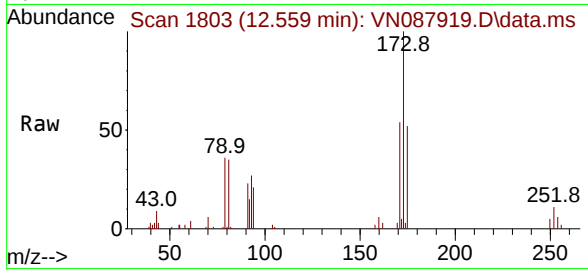
Tgt Ion:107 Resp: 53693
Ion Ratio Lower Upper
107 100
109 87.7 74.6 112.0





#56
Bromoform
Concen: 18.371 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

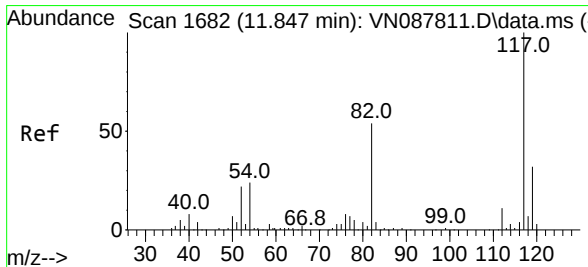
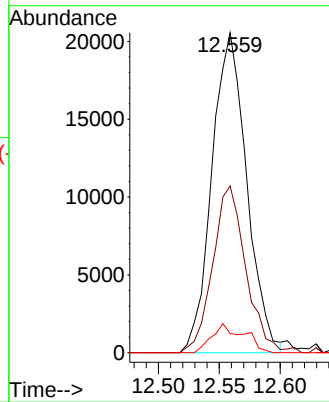
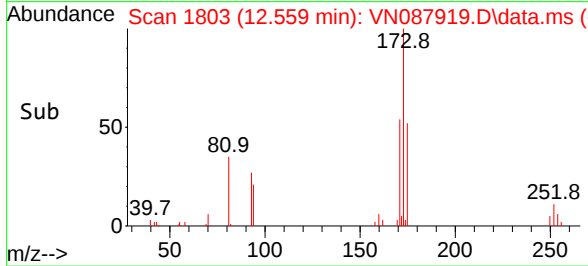
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



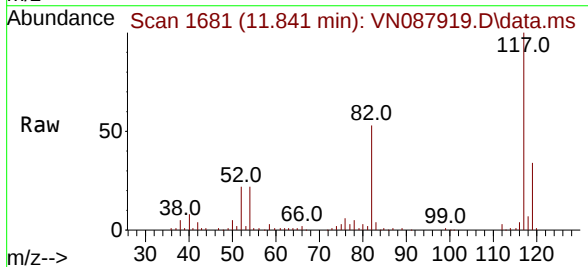
Tgt Ion:173 Resp: 40819
Ion Ratio Lower Upper
173 100
175 49.2 39.8 59.6
254 5.8 6.2 9.4

Manual Integrations
APPROVED

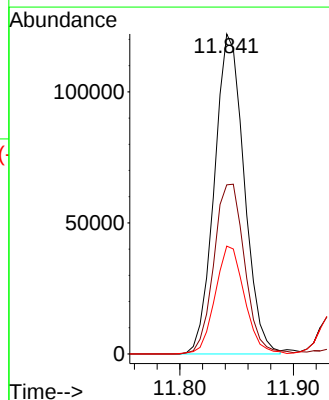
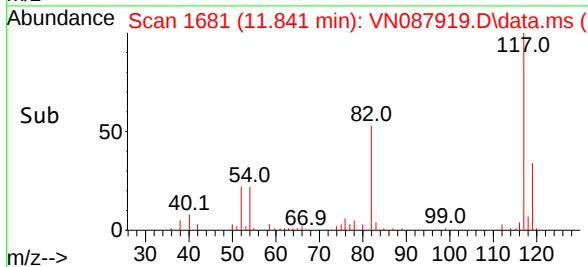
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

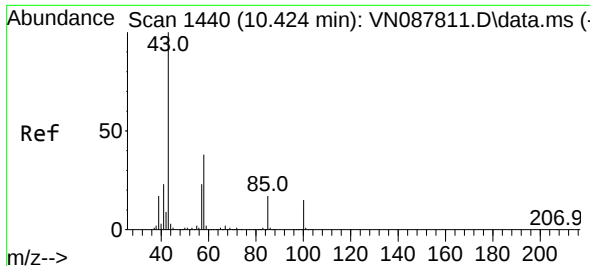


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06



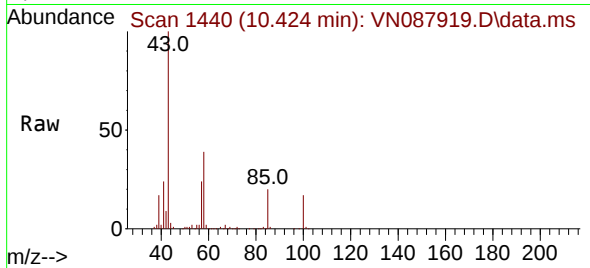
Tgt Ion:117 Resp: 222486
Ion Ratio Lower Upper
117 100
82 54.9 45.9 68.9
119 33.2 25.3 37.9





#58
4-Methyl-2-Pentanone
Concen: 74.940 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

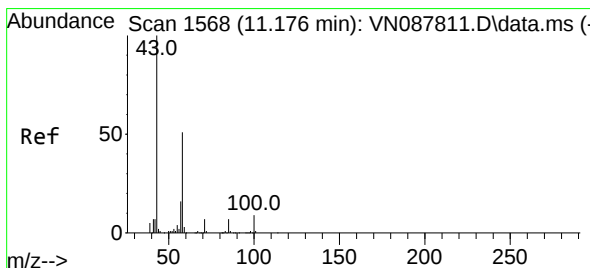
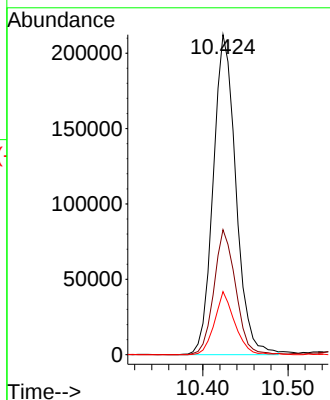
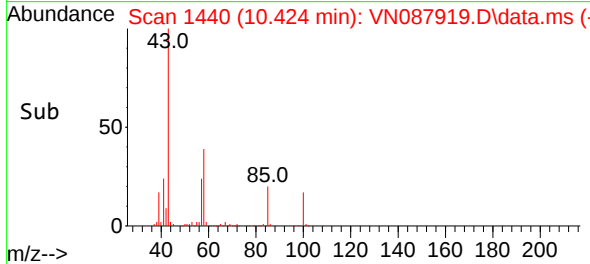
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



Tgt Ion: 43 Resp: 394234
Ion Ratio Lower Upper
43 100
58 37.3 29.6 44.4
85 17.5 13.0 19.4

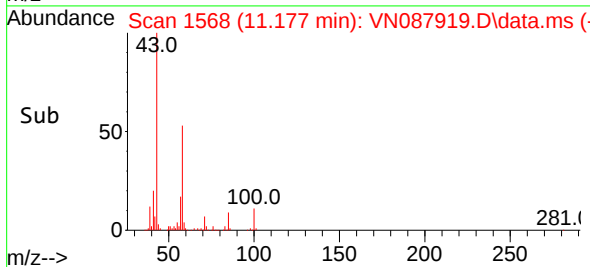
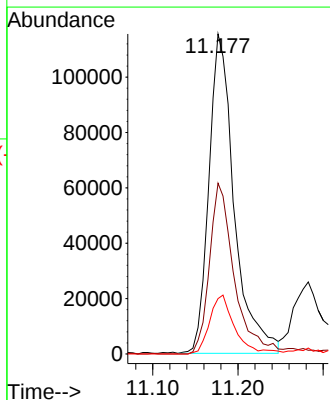
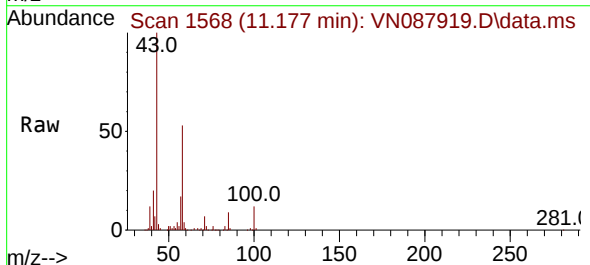
Manual Integrations
APPROVED

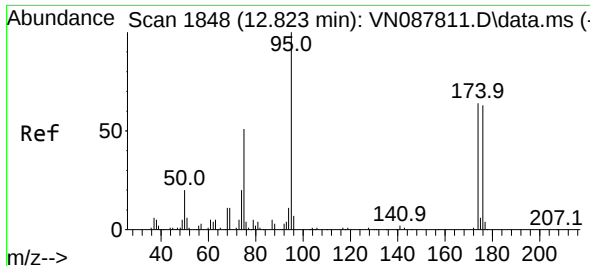
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#59
2-Hexanone
Concen: 69.313 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

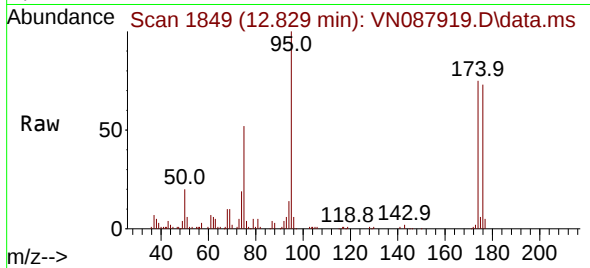
Tgt Ion: 43 Resp: 238264
Ion Ratio Lower Upper
43 100
58 51.2 40.2 60.4
57 17.5 13.7 20.5





#60
4-Bromofluorobenzene
Concen: 30.622 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

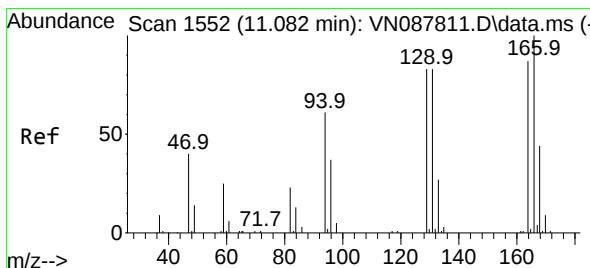
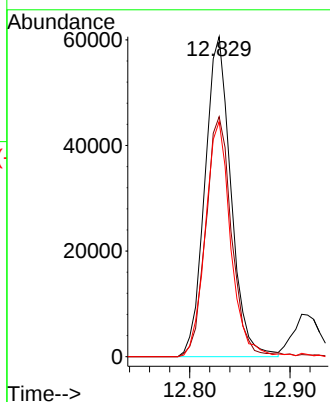
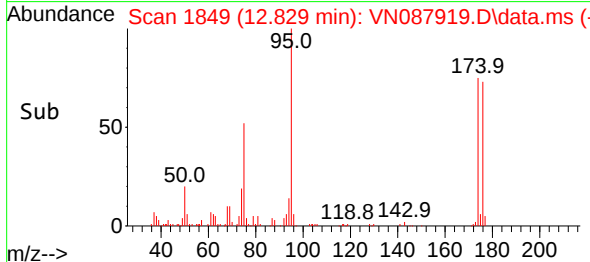
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



Tgt Ion: 95 Resp: 10954
Ion Ratio Lower Upper
95 100
174 73.8 55.4 83.0
176 70.8 51.5 77.3

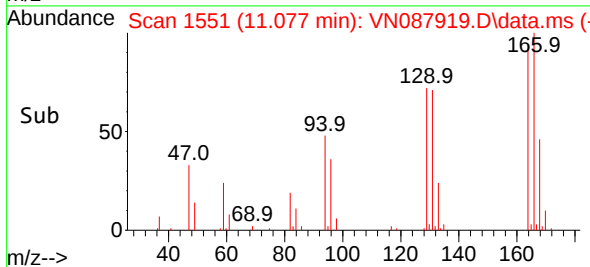
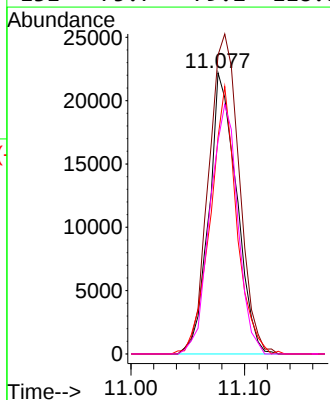
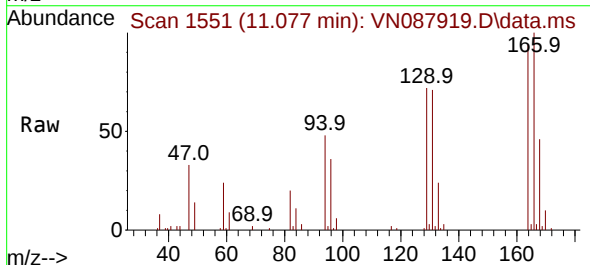
Manual Integrations
APPROVED

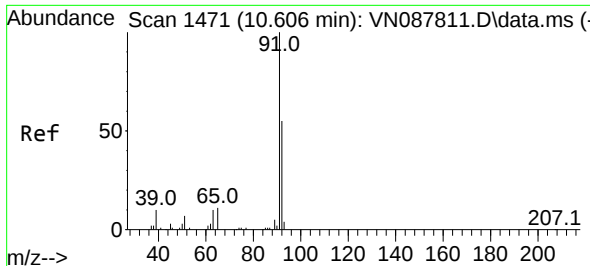
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#61
Tetrachloroethene
Concen: 16.925 ug/l
RT: 11.077 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

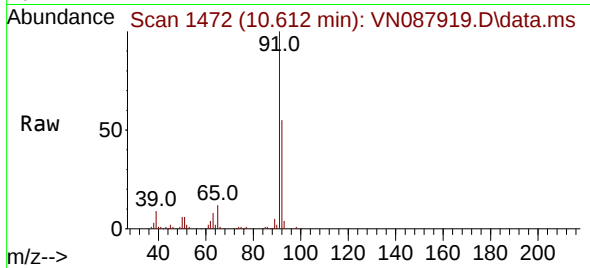
Tgt Ion:164 Resp: 37491
Ion Ratio Lower Upper
164 100
166 106.3 97.3 145.9
129 76.1 78.6 117.8#
131 75.7 79.2 118.8#





#62
Toluene
Concen: 15.431 ug/l
RT: 10.612 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

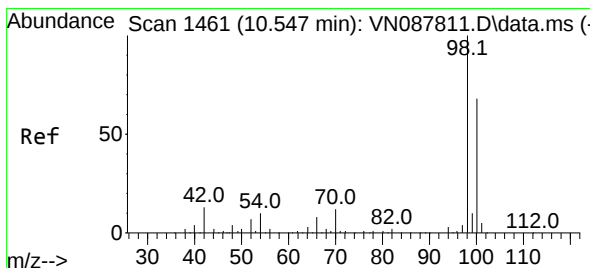
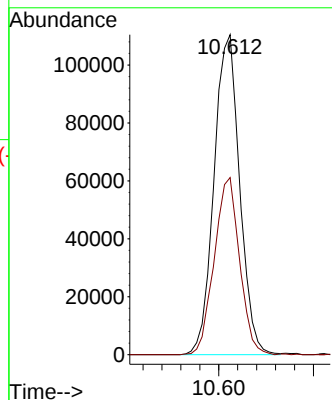
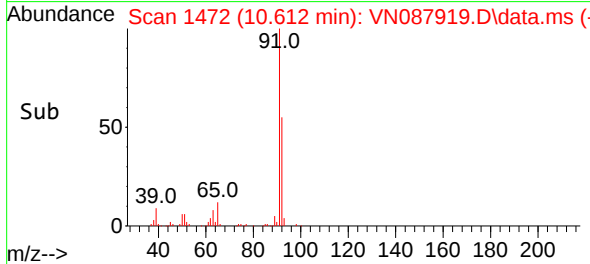
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



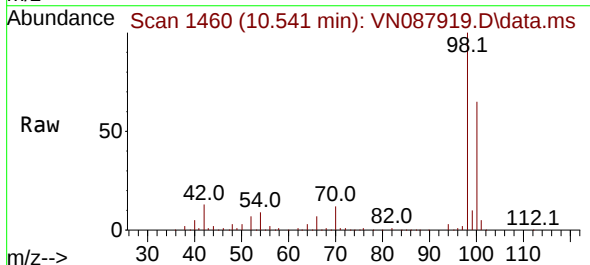
Tgt Ion: 91 Resp: 207660
Ion Ratio Lower Upper
91 100
92 54.6 45.4 68.0

Manual Integrations
APPROVED

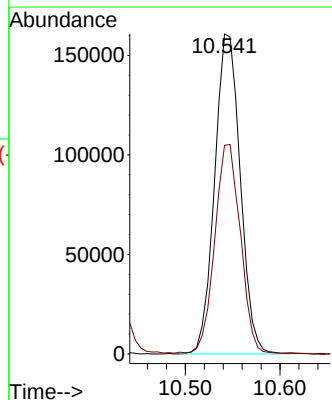
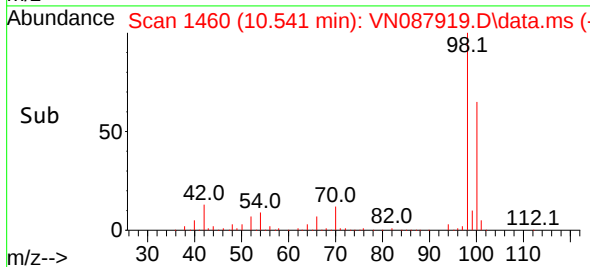
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

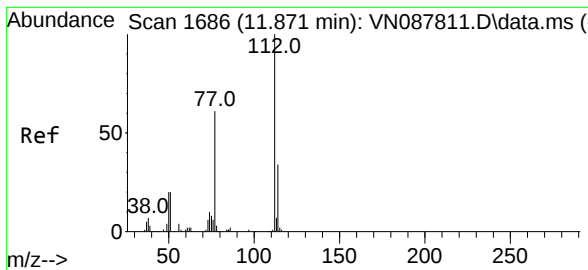


#63
Toluene-d8
Concen: 29.218 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06



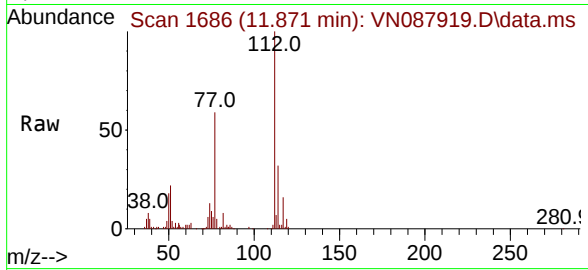
Tgt Ion: 98 Resp: 302315
Ion Ratio Lower Upper
98 100
100 65.4 50.6 76.0





#64
Chlorobenzene
Concen: 15.754 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

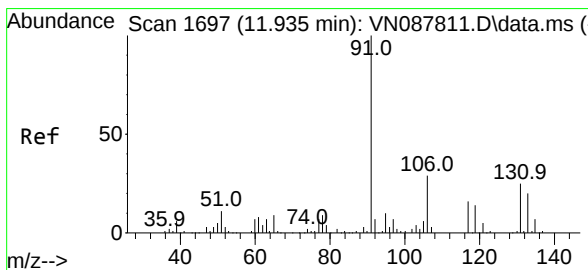
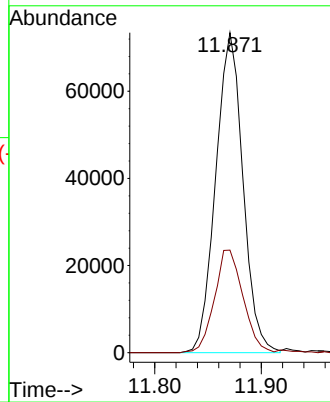
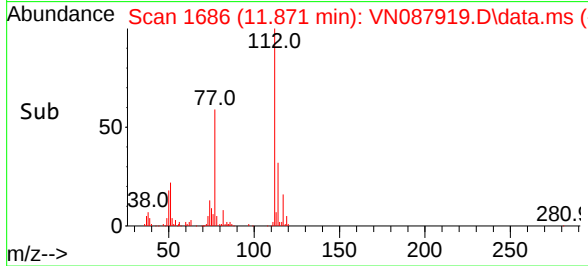
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



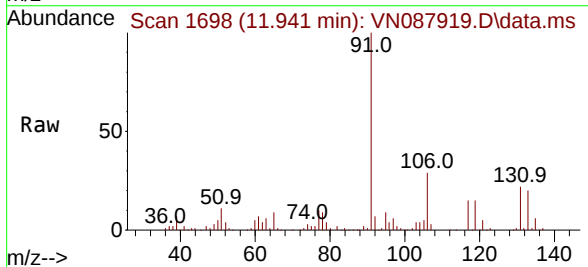
Tgt Ion:112 Resp: 130128
Ion Ratio Lower Upper
112 100
114 32.0 23.5 35.3

Manual Integrations
APPROVED

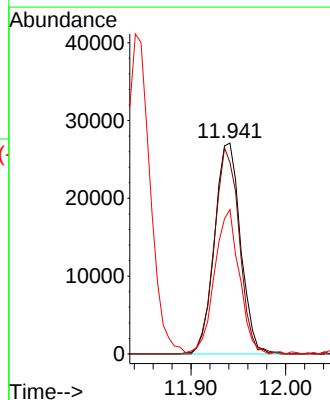
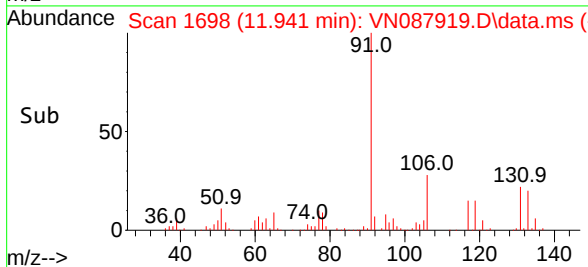
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

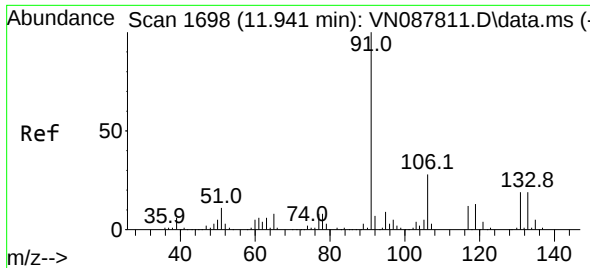


#65
1,1,1,2-Tetrachloroethane
Concen: 17.794 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06



Tgt Ion:131 Resp: 51744
Ion Ratio Lower Upper
131 100
133 92.7 0.0 195.8
119 65.5 0.0 139.0





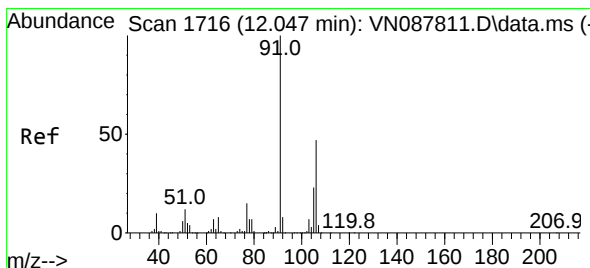
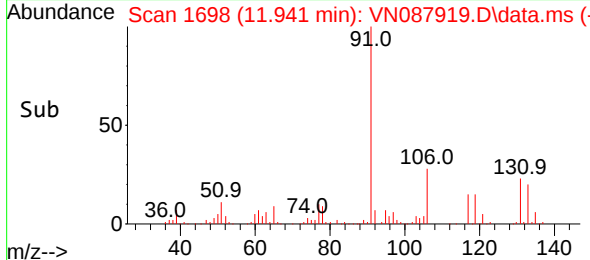
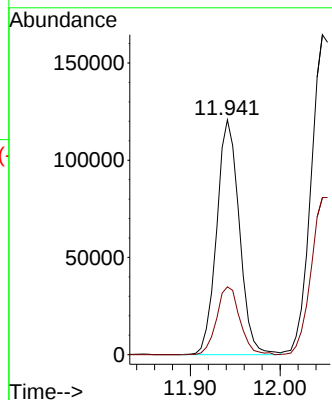
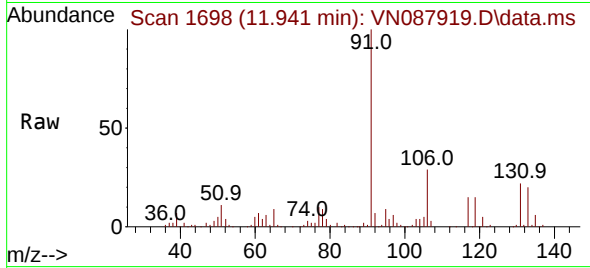
#66
Ethyl Benzene
Concen: 14.578 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

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

Tgt Ion: 91 Resp: 211654
Ion Ratio Lower Upper
91 100
106 28.9 21.3 31.9

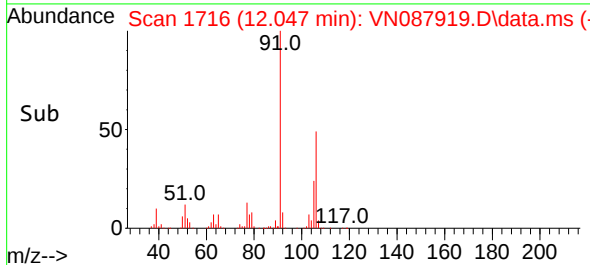
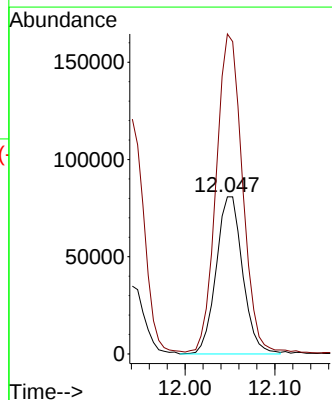
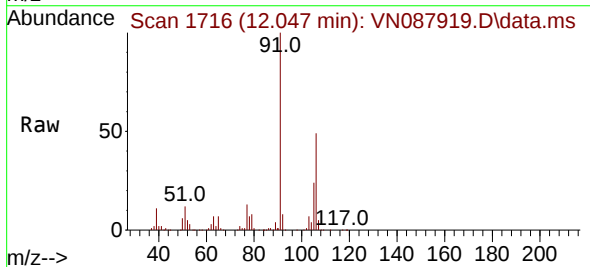
Manual Integrations
APPROVED

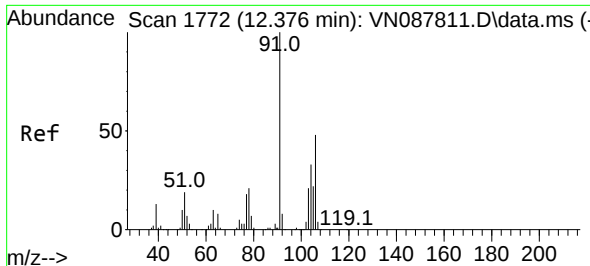
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#67
m/p-Xylenes
Concen: 30.763 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

Tgt Ion:106 Resp: 165797
Ion Ratio Lower Upper
106 100
91 198.8 174.3 261.5





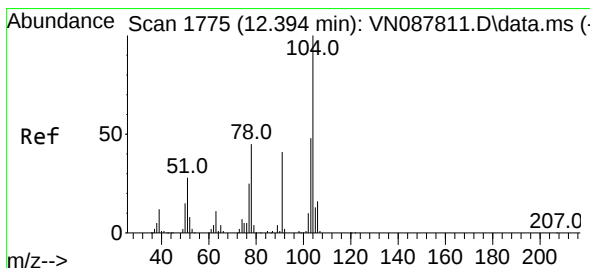
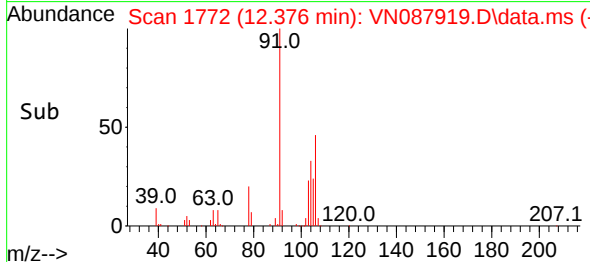
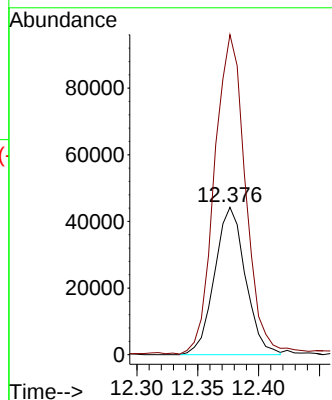
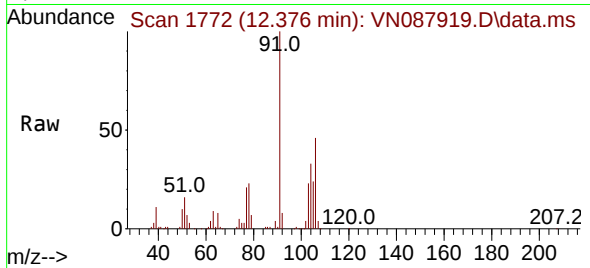
#68
o-Xylene
Concen: 14.932 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

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

Tgt Ion:106 Resp: 78025
Ion Ratio Lower Upper
106 100
91 218.4 107.7 323.3

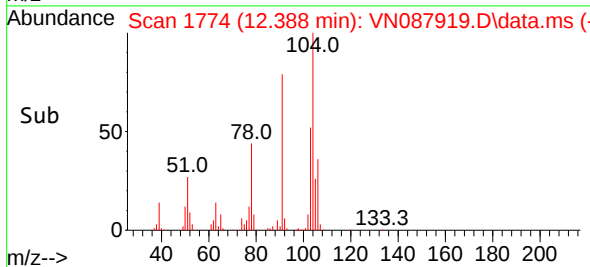
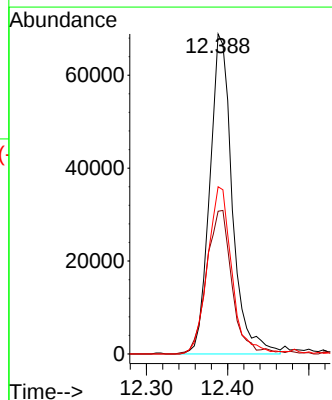
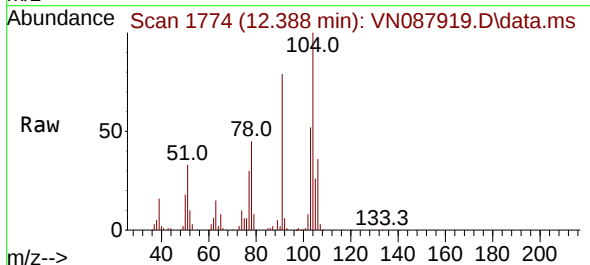
Manual Integrations
APPROVED

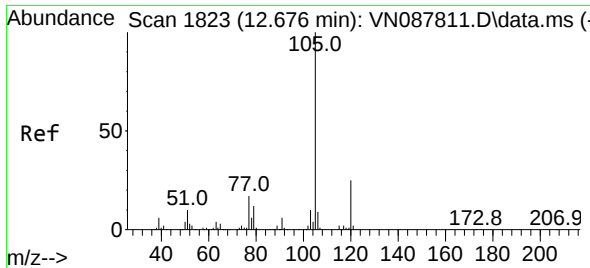
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#69
Styrene
Concen: 14.620 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

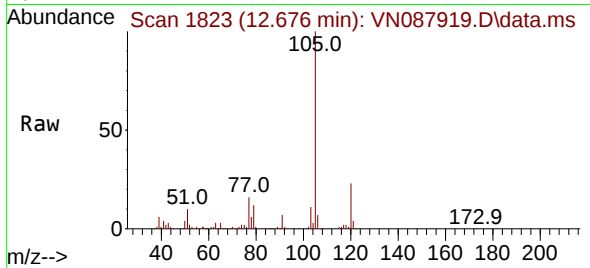
Tgt Ion:104 Resp: 132779
Ion Ratio Lower Upper
104 100
78 49.9 41.0 61.6
103 55.9 44.6 66.8





#70
Isopropylbenzene
Concen: 14.794 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

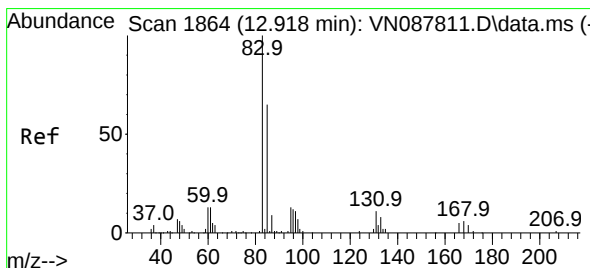
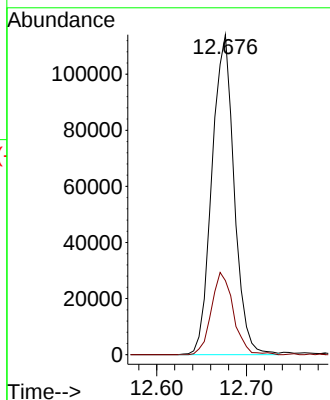
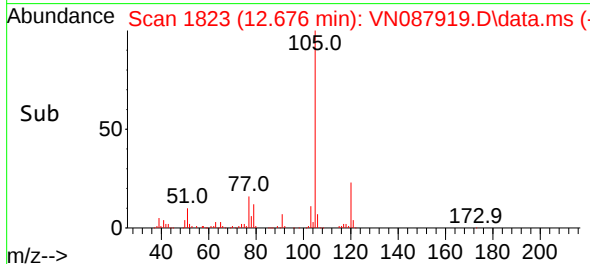
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



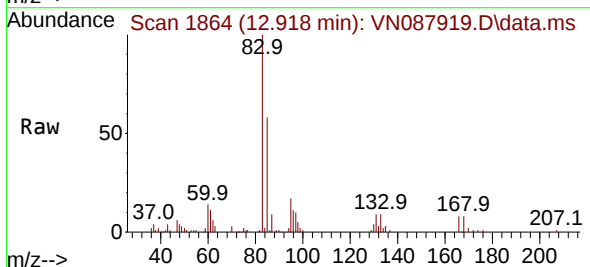
Tgt Ion:105 Resp: 196014
Ion Ratio Lower Upper
105 100
120 25.2 17.4 32.4

Manual Integrations
APPROVED

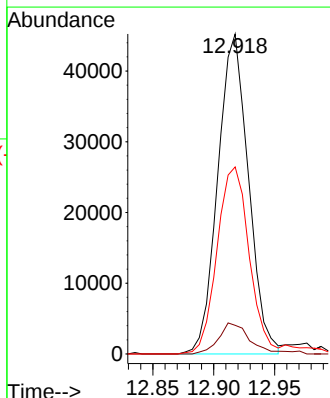
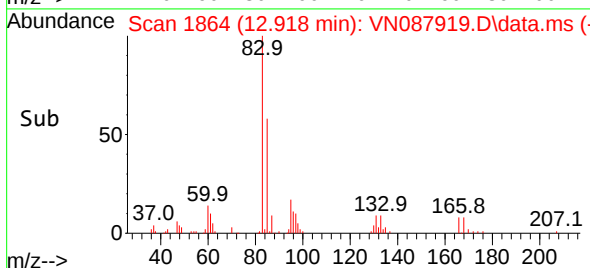
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

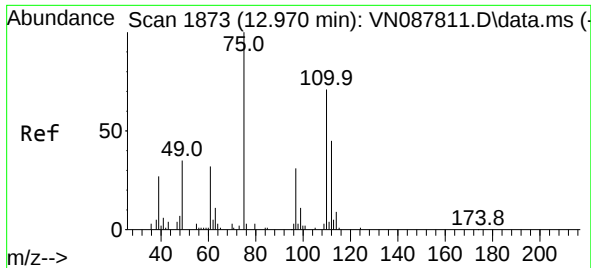


#71
1,1,2,2-Tetrachloroethane
Concen: 16.641 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06



Tgt Ion: 83 Resp: 79263
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 61.0 31.9 95.7





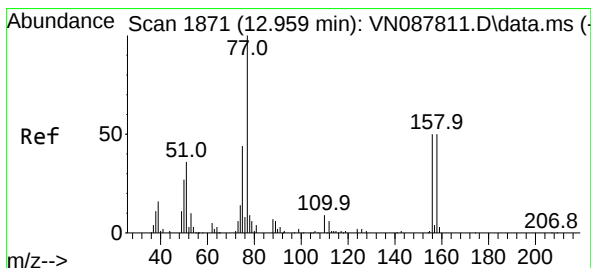
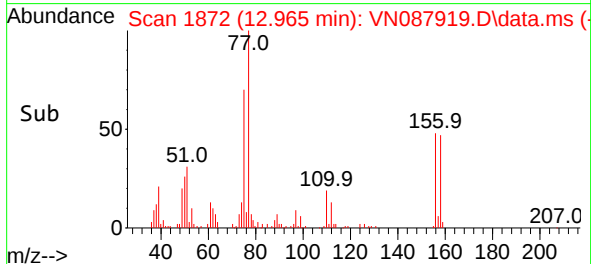
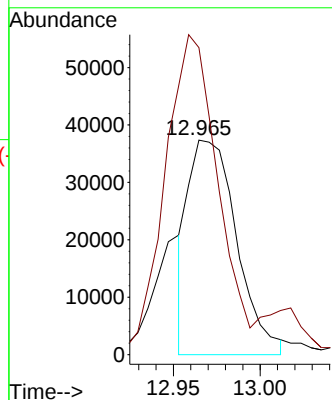
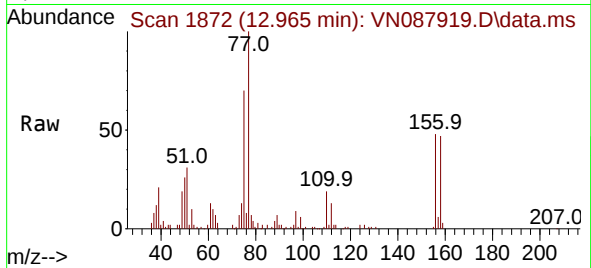
#72
1,2,3-Trichloropropane
Concen: 15.505 ug/l m
RT: 12.965 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

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

Tgt Ion: 75 Resp: 72518
Ion Ratio Lower Upper
75 100
77 160.9 0.0 378.8

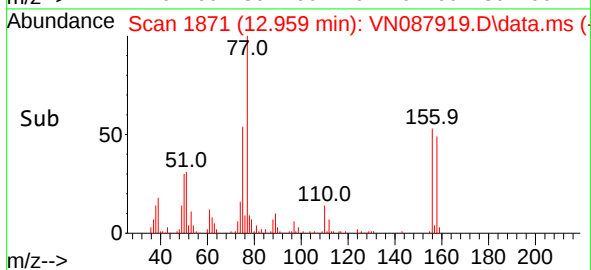
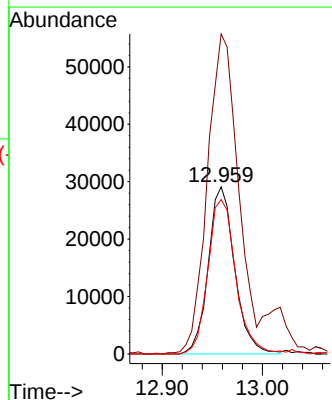
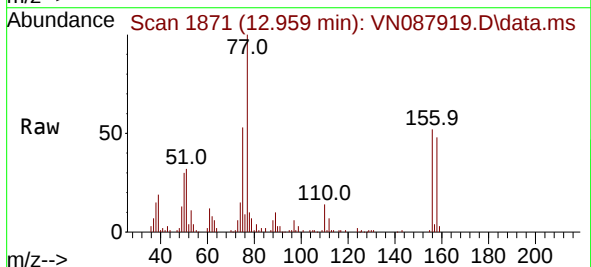
Manual Integrations
APPROVED

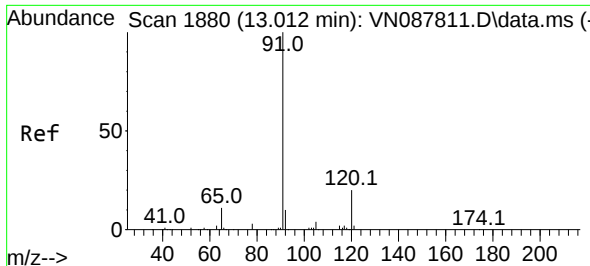
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#73
Bromobenzene
Concen: 16.457 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

Tgt Ion:156 Resp: 53348
Ion Ratio Lower Upper
156 100
77 218.7 0.0 484.2
158 97.0 0.0 186.2





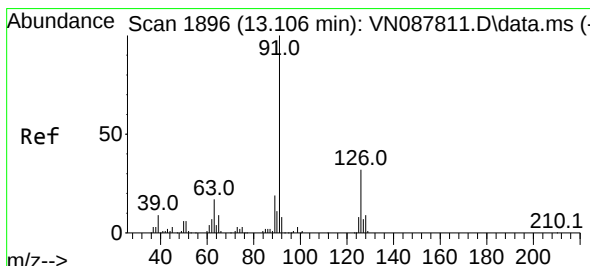
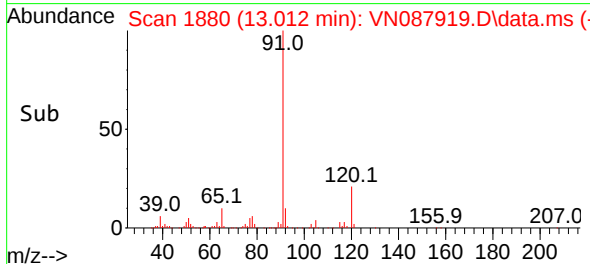
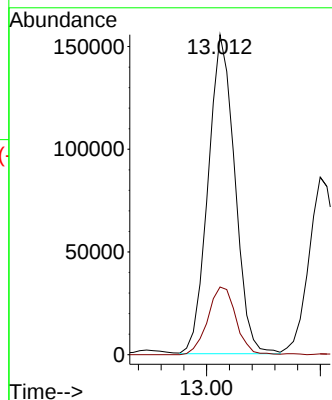
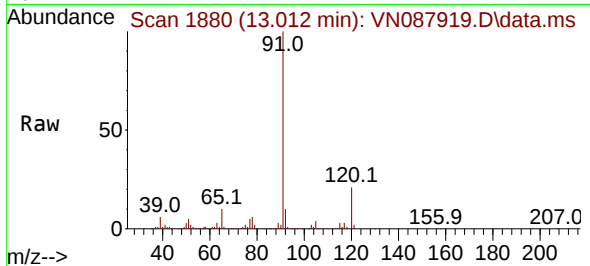
#74
n-propylbenzene
Concen: 15.153 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

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

Tgt Ion: 91 Resp: 253310
Ion Ratio Lower Upper
91 100
120 22.3 0.0 42.2

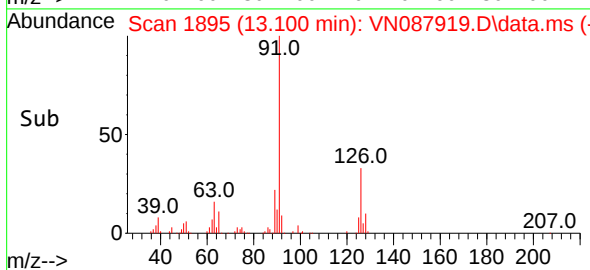
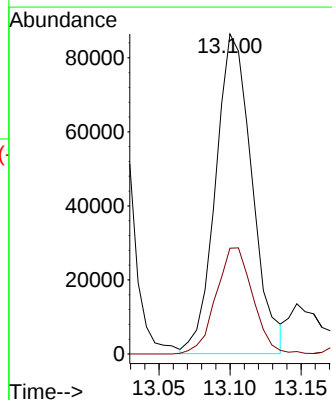
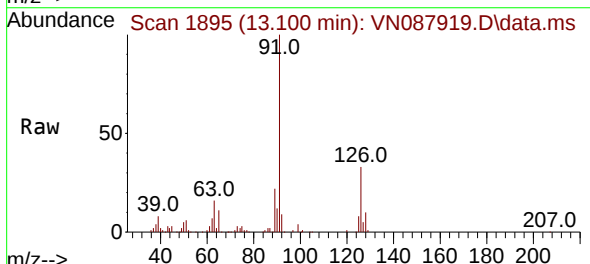
Manual Integrations
APPROVED

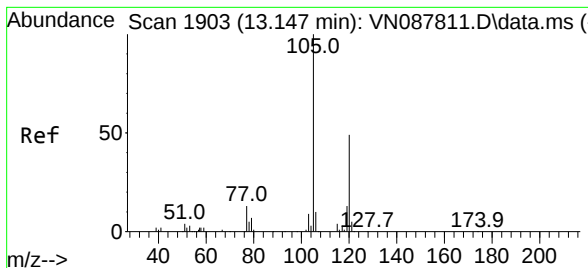
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#75
2-Chlorotoluene
Concen: 15.335 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

Tgt Ion: 91 Resp: 154299
Ion Ratio Lower Upper
91 100
126 33.6 0.0 60.4





#76

1,3,5-Trimethylbenzene

Concen: 15.996 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VN087919.D

Acq: 22 Sep 2025 14:06

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave(Aug)MSD

Tgt Ion:105 Resp: 17897

Ion Ratio Lower Upper

105 100

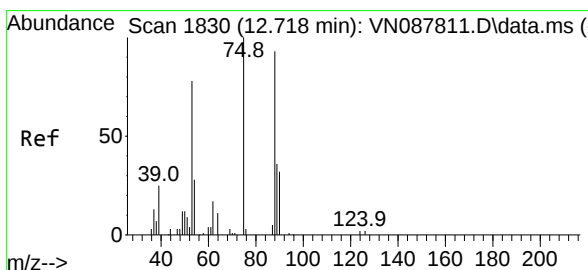
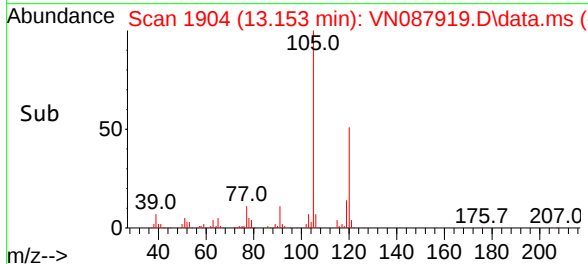
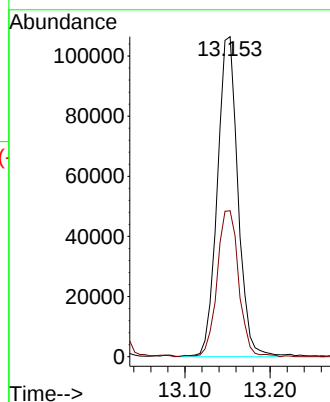
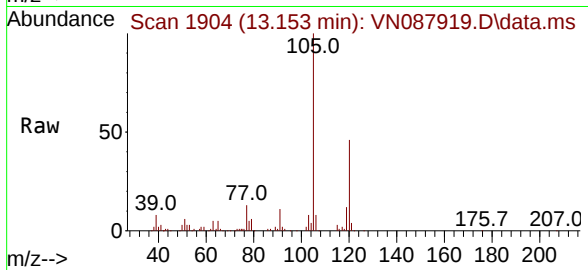
120 47.2 0.0 92.6

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: 13.869 ug/l

RT: 12.718 min Scan# 1830

Delta R.T. 0.000 min

Lab File: VN087919.D

Acq: 22 Sep 2025 14:06

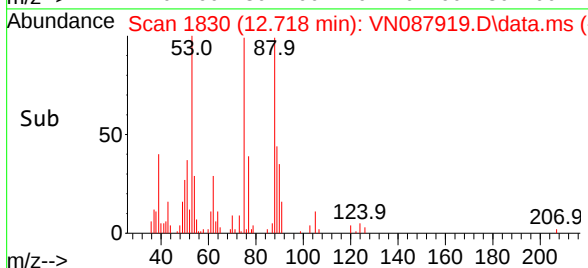
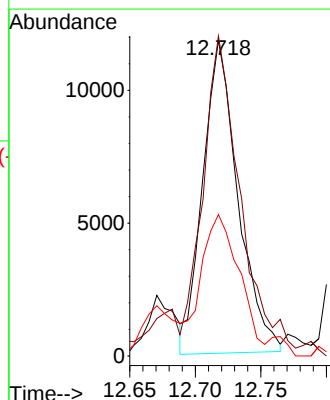
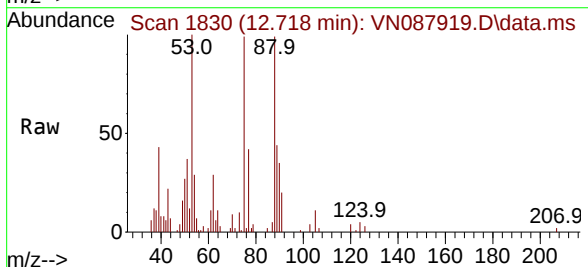
Tgt Ion: 75 Resp: 21893

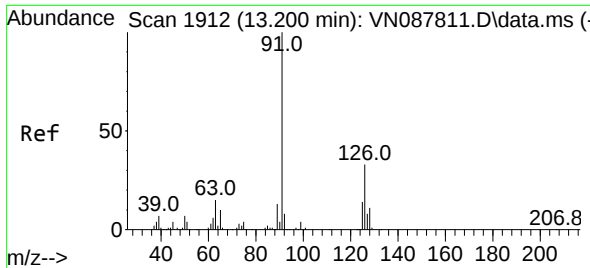
Ion Ratio Lower Upper

75 100

53 98.4 45.3 135.9

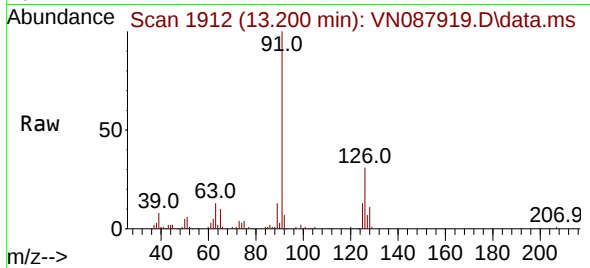
89 40.2 18.8 56.3





#78
4-Chlorotoluene
Concen: 16.047 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

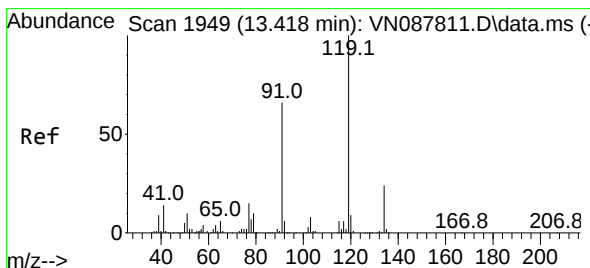
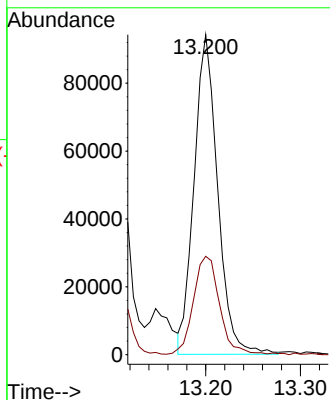
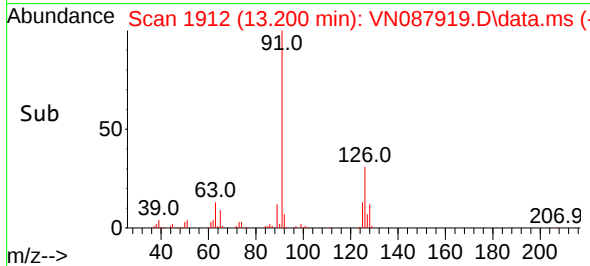
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



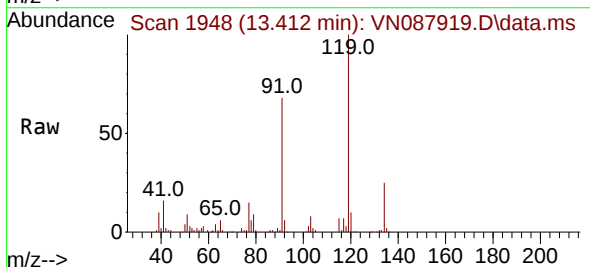
Tgt Ion: 91 Resp: 162779
Ion Ratio Lower Upper
91 100
126 34.0 0.0 67.0

Manual Integrations
APPROVED

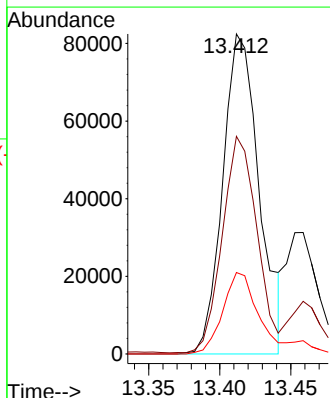
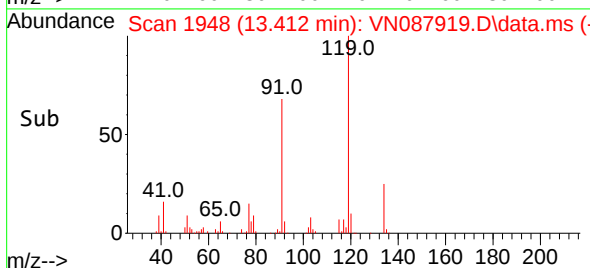
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

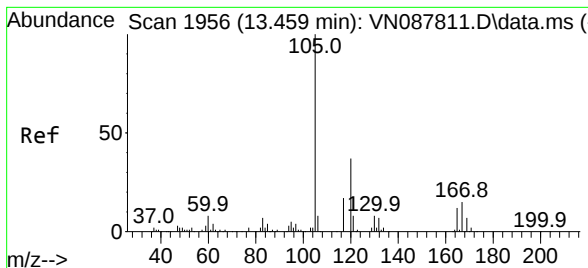


#79
tert-butylbenzene
Concen: 15.718 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06



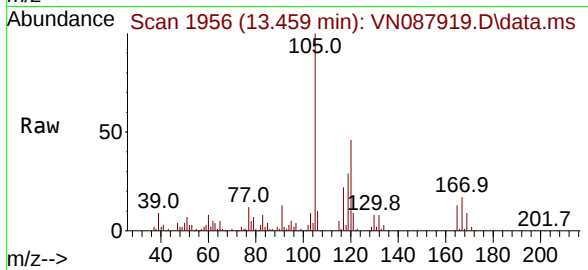
Tgt Ion:119 Resp: 147283
Ion Ratio Lower Upper
119 100
91 64.1 0.0 142.6
134 24.7 0.0 47.2





#80
1,2,4-Trimethylbenzene
Concen: 15.370 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

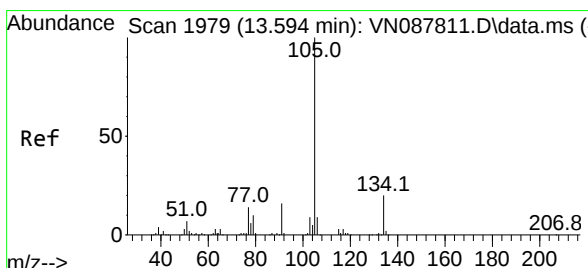
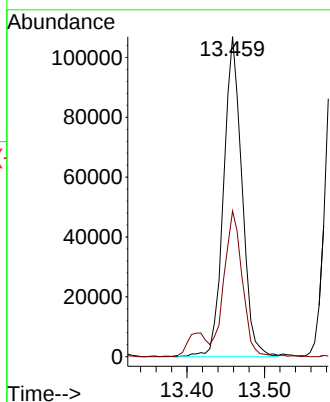
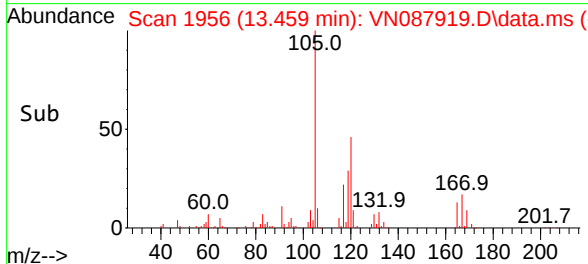
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



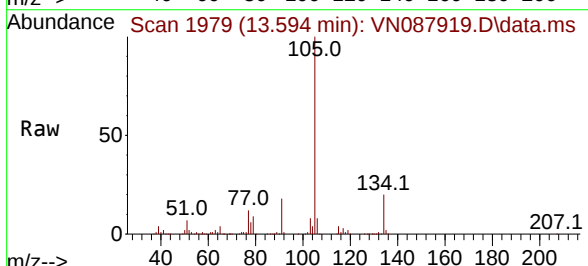
Tgt Ion:105 Resp: 176310
Ion Ratio Lower Upper
105 100
120 44.7 0.0 86.6

Manual Integrations
APPROVED

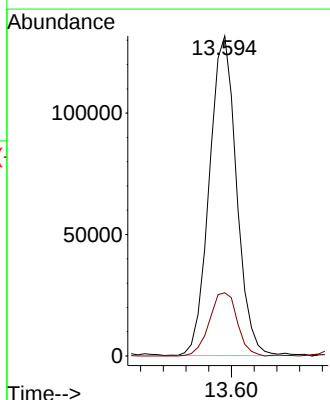
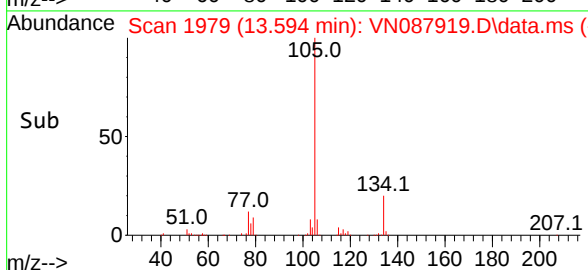
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

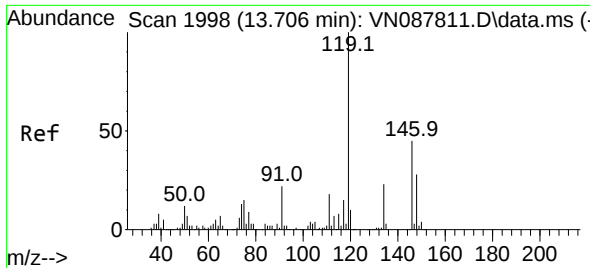


#81
sec-Butylbenzene
Concen: 15.855 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06



Tgt Ion:105 Resp: 218528
Ion Ratio Lower Upper
105 100
134 20.3 0.0 37.0





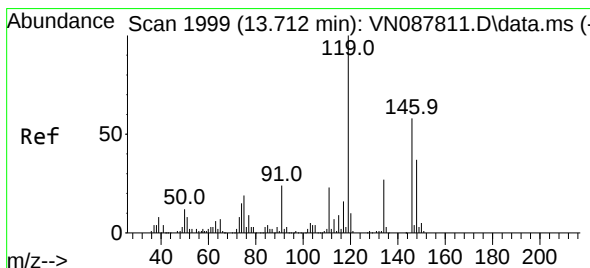
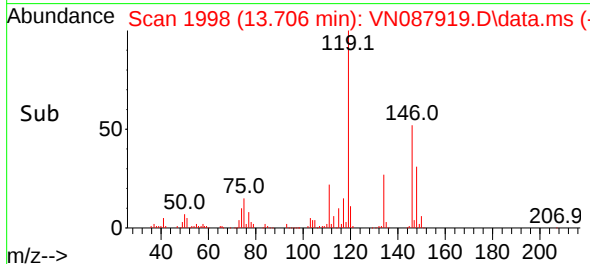
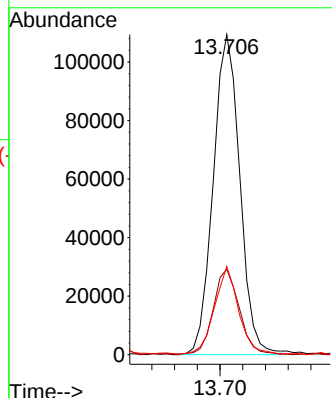
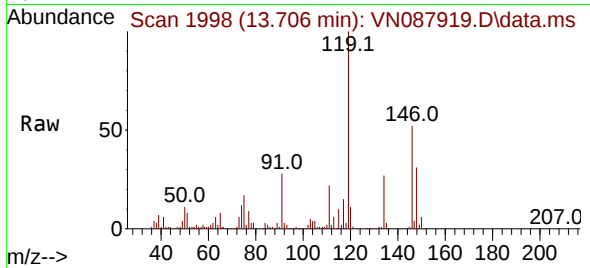
#82
p-Isopropyltoluene
Concen: 15.659 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

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

Tgt Ion:119 Resp: 177819
Ion Ratio Lower Upper
119 100
134 26.2 0.0 49.4
91 25.0 0.0 52.2

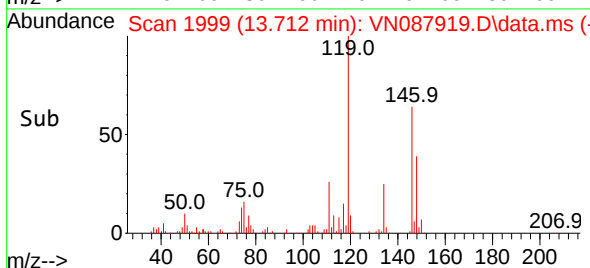
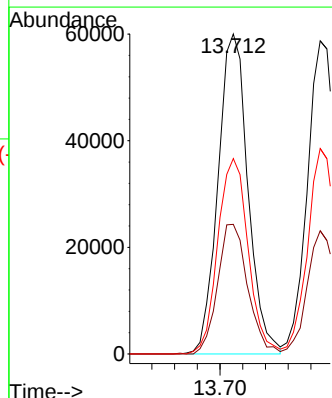
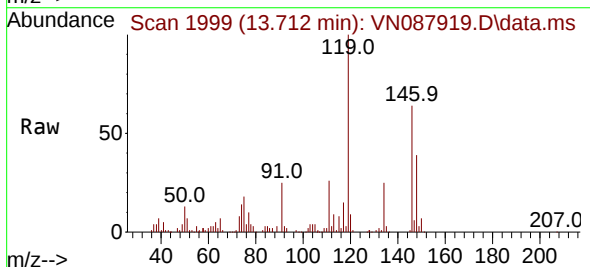
Manual Integrations
APPROVED

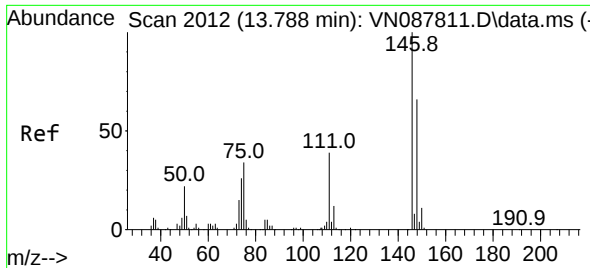
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#83
1,3-Dichlorobenzene
Concen: 17.582 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

Tgt Ion:146 Resp: 109881
Ion Ratio Lower Upper
146 100
111 40.7 21.1 63.4
148 61.9 31.0 93.0





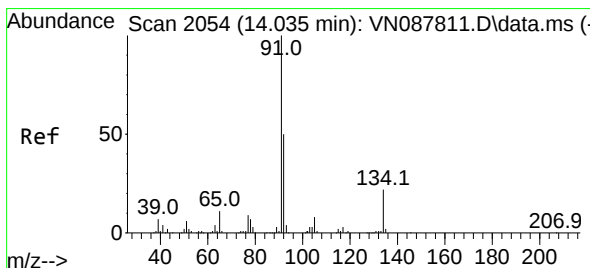
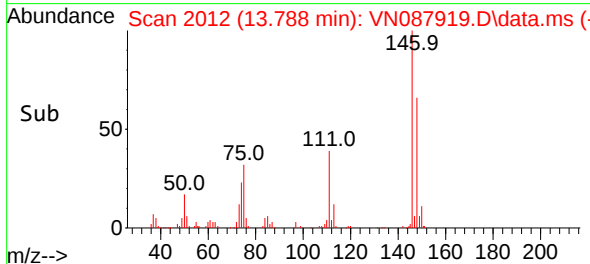
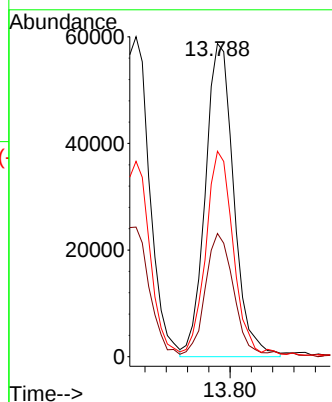
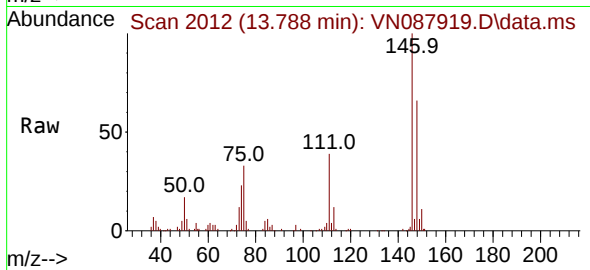
#84
1,4-Dichlorobenzene
Concen: 17.406 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

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

Tgt Ion:146 Resp: 109038
Ion Ratio Lower Upper
146 100
111 39.2 20.2 60.5
148 63.5 31.5 94.5

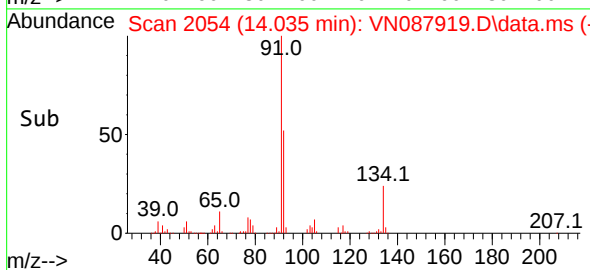
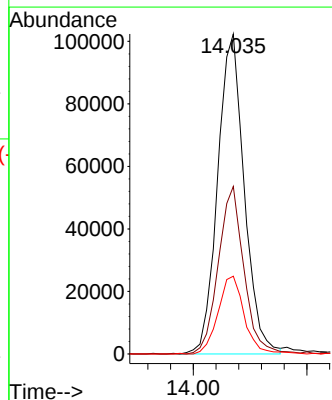
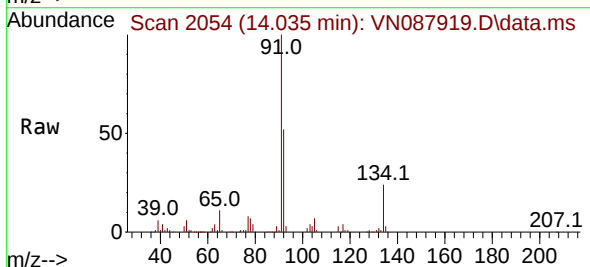
Manual Integrations
APPROVED

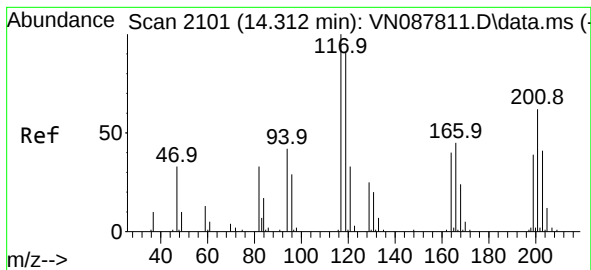
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#85
n-Butylbenzene
Concen: 15.257 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

Tgt Ion: 91 Resp: 166538
Ion Ratio Lower Upper
91 100
92 50.4 0.0 104.0
134 24.0 0.0 46.0





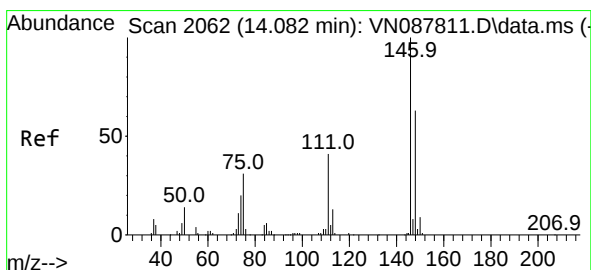
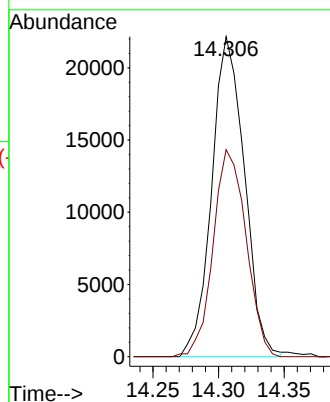
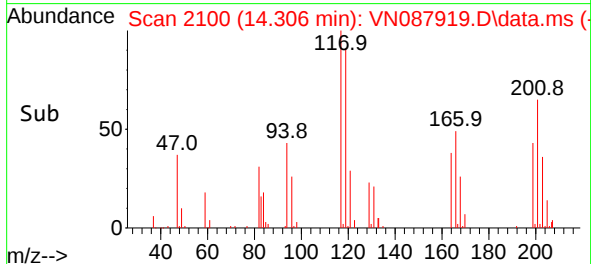
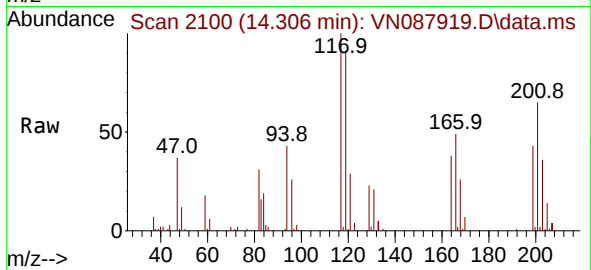
#86
Hexachloroethane
Concen: 16.650 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

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

Tgt Ion:117 Resp: 3840
Ion Ratio Lower Upper
117 100
201 65.2 29.9 89.7

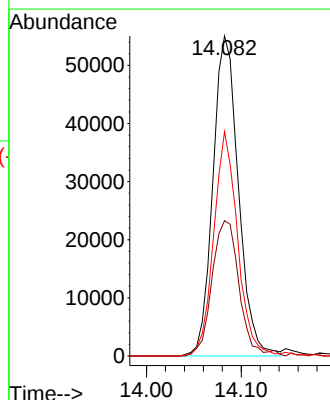
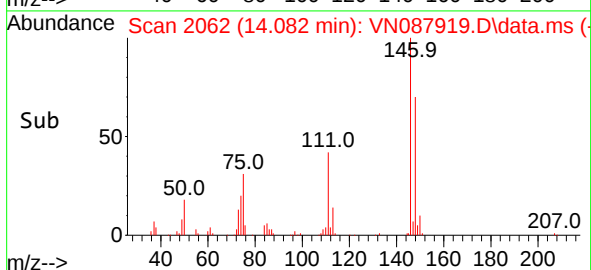
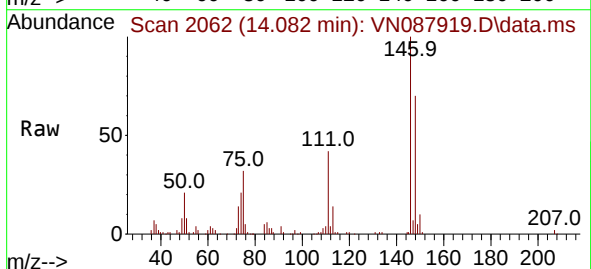
Manual Integrations
APPROVED

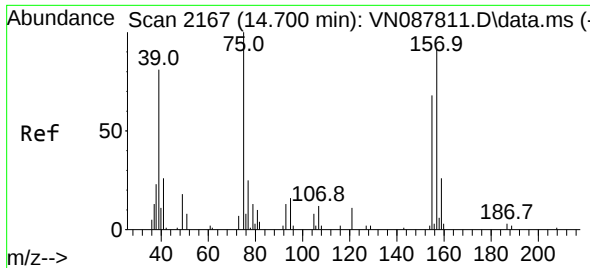
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#87
1,2-Dichlorobenzene
Concen: 17.512 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

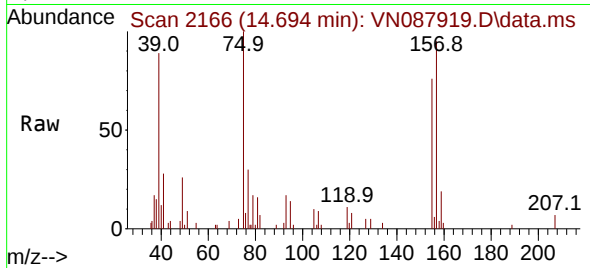
Tgt Ion:146 Resp: 103222
Ion Ratio Lower Upper
146 100
111 44.2 21.5 64.5
148 65.3 33.4 100.1





#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.736 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VN087919.D
 Acq: 22 Sep 2025 14:06

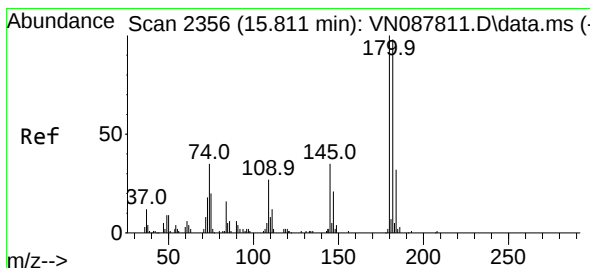
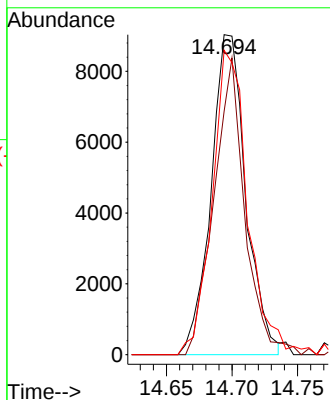
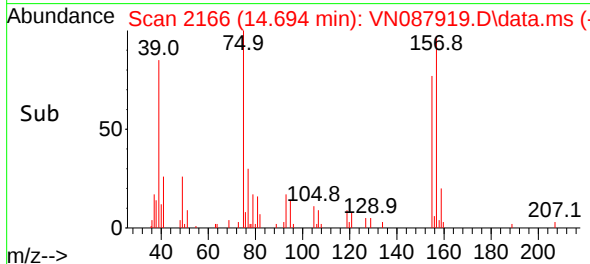
Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave(Aug)MSD



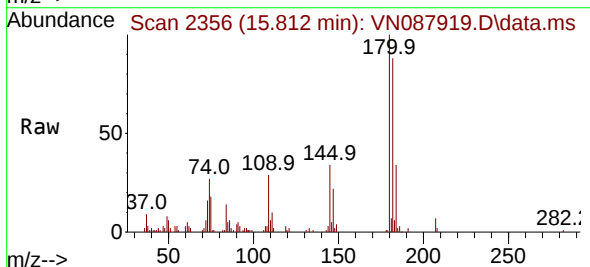
Tgt Ion: 75 Resp: 16634
 Ion Ratio Lower Upper
 75 100
 155 81.5 53.0 79.4
 157 96.2 72.2 108.4

Manual Integrations
 APPROVED

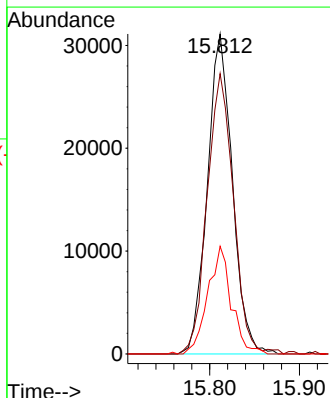
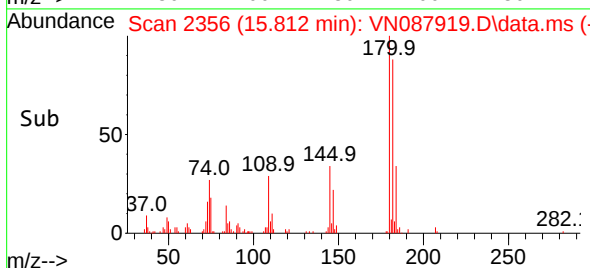
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

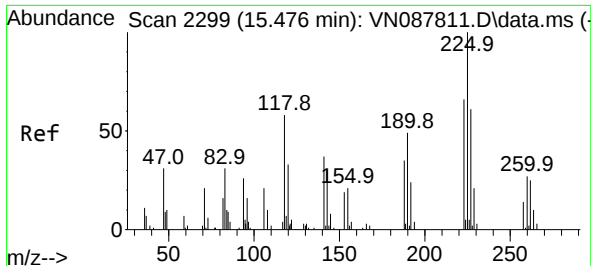


#89
 1,2,4-Trichlorobenzene
 Concen: 17.976 ug/l
 RT: 15.812 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN087919.D
 Acq: 22 Sep 2025 14:06



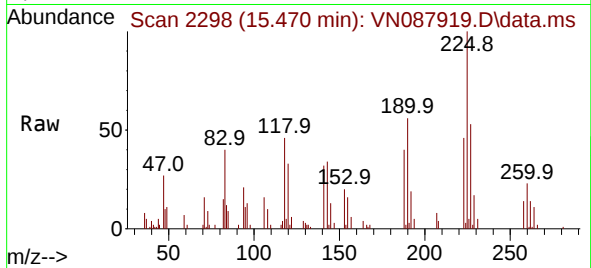
Tgt Ion:180 Resp: 60263
 Ion Ratio Lower Upper
 180 100
 182 91.2 74.6 111.8
 145 31.3 27.4 41.0





#90
Hexachlorobutadiene
Concen: 21.721 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

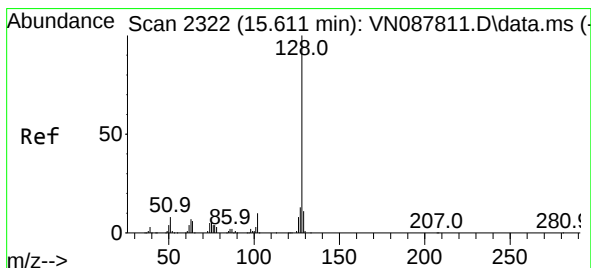
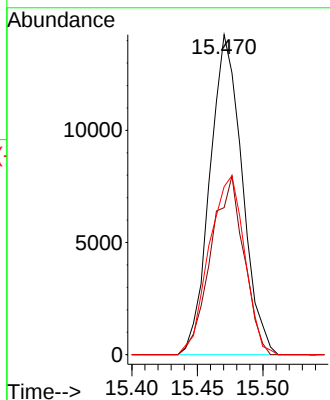
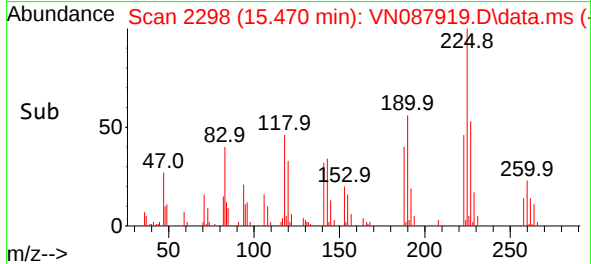
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave(Aug)MSD



Tgt Ion:225 Resp: 2441
Ion Ratio Lower Upper
225 100
223 57.1 0.0 118.2
227 61.6 0.0 139.0

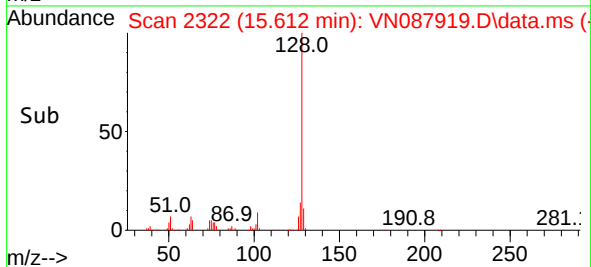
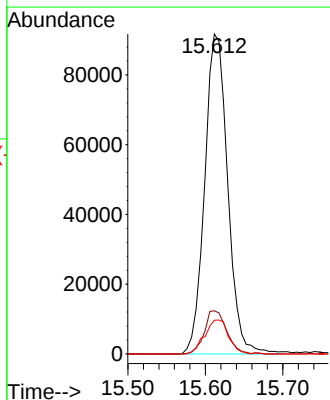
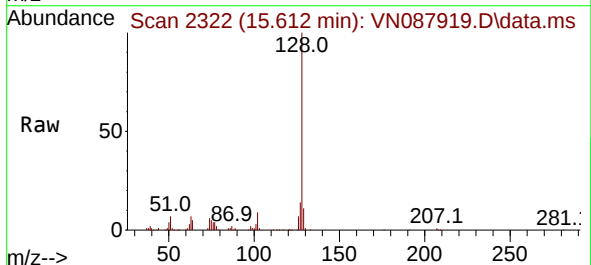
Manual Integrations
APPROVED

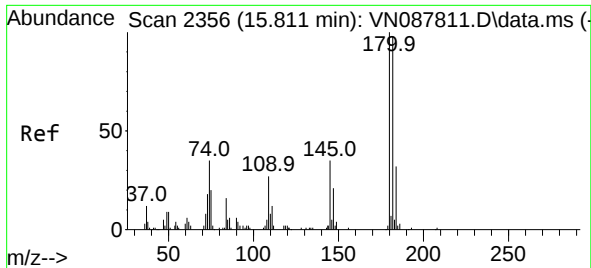
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#91
Naphthalene
Concen: 15.335 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087919.D
Acq: 22 Sep 2025 14:06

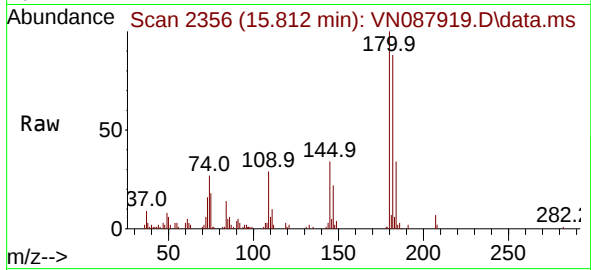
Tgt Ion:128 Resp: 189268
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.3 12.5





#92
 1,2,3-Trichlorobenzene
 Concen: 17.976 ug/l
 RT: 15.812 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087919.D
 Acq: 22 Sep 2025 14:06

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



Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	0.0	186.4
145	31.3	0.0	68.4

Manual Integrations
 APPROVED

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

