

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
 Data File : VN087914.D
 Acq On : 22 Sep 2025 11:30
 Operator : JC\MD
 Sample : VN0922WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Sep 23 04:50:30 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

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

Internal Standards						
1) Bromochloromethane	7.794	128	56131	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	270654	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	258144	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	135406m	28.240	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	94.133%	
60) 4-Bromofluorobenzene	12.829	95	126020	30.361	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	101.200%	
63) Toluene-d8	10.547	98	345673	28.794	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	95.967%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	71330	20.447	ug/l	93
3) Chloromethane	2.383	50	60319	16.471	ug/l	98
4) Vinyl Chloride	2.536	62	67511	16.308	ug/l	93
5) Bromomethane	2.977	94	38596	15.892	ug/l	99
6) Chloroethane	3.136	64	44083m	15.581	ug/l	
7) Trichlorofluoromethane	3.512	101	116888	19.263	ug/l	91
8) Diethyl Ether	3.959	74	41242	16.095	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	63772	19.403	ug/l	75
10) 1,1-Dichloroethene	4.342	96	59045	17.425	ug/l	84
11) Methyl Iodide	4.589	142	47536	19.818	ug/l	89
12) Methyl Acetate	5.018	43	111197	21.288	ug/l	92
13) Acrolein	4.177	56	94746	101.873	ug/l #	39
14) Acrylonitrile	5.706	53	218933	97.374	ug/l	98
15) Acetone	4.418	58	57111	81.425	ug/l	92
16) Carbon Disulfide	4.706	76	152116	16.350	ug/l #	92
17) Allyl chloride	5.012	41	95097	17.182	ug/l	99
18) Methylene Chloride	5.265	84	75713	19.725	ug/l	91
19) trans-1,2-Dichloroethene	5.777	96	68604	19.851	ug/l	91
20) Diisopropyl ether	6.653	45	235958	18.539	ug/l	97
21) 1,1-Dichloroethane	6.553	63	137763	19.766	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	87951	20.967	ug/l	95
23) tert-Butyl Alcohol	5.518	59	76978	96.853	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	244384	20.201	ug/l	99
25) Chloroform	7.953	83	153146	20.991	ug/l	96
26) Cyclohexane	8.241	56	95757	18.040	ug/l #	94
29) 1,1-Dichloropropene	8.353	75	91918	20.897	ug/l	97
30) 2-Butanone	7.471	43	318750	105.195	ug/l	98
31) 2,2-Dichloropropane	7.477	77	126711	23.897	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	126383	22.664	ug/l	98
33) Carbon Tetrachloride	8.347	117	110660	23.799	ug/l	89
34) Benzene	8.588	78	297142	20.902	ug/l	96
35) Methacrylonitrile	7.765	41	62669	19.773	ug/l	86
36) 1,2-Dichloroethane	8.653	62	114507	21.325	ug/l	99
37) Trichloroethene	9.335	130	73120	23.009	ug/l	85
38) Methylcyclohexane	9.582	83	101745	21.007	ug/l	96
39) 1,2-Dichloropropane	9.600	63	78841	21.653	ug/l	100
40) Dibromomethane	9.688	93	61989	22.877	ug/l	94
41) Bromodichloromethane	9.865	83	122091	22.045	ug/l #	95
42) Vinyl Acetate	6.589	43	980964	96.894	ug/l	97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.541	43	130133	21.020	ug/l	96
44) Isopropyl Acetate	8.671	43	194806	20.072	ug/l	99
45) 1,4-Dioxane	9.677	88	28780	470.232	ug/l	91
46) Methyl methacrylate	9.659	41	79081	17.678	ug/l	97
47) n-amyl Acetate	12.523	43	124840m	19.035	ug/l	
48) t-1,3-Dichloropropene	10.812	75	121154	21.063	ug/l	99
49) cis-1,3-Dichloropropene	10.288	75	125210	21.253	ug/l	92
50) 1,1,2-Trichloroethane	10.994	97	80034	22.869	ug/l	93
51) Ethyl methacrylate	10.853	69	111720	20.512	ug/l	98
52) 1,3-Dichloropropane	11.141	76	134979	22.211	ug/l	99
53) Dibromochloromethane	11.341	129	96844	24.680	ug/l	88
54) 1,2-Dibromoethane	11.447	107	80201	22.024	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	285151	91.377	ug/l	97
56) Bromoform	12.559	173	66765	26.054	ug/l	94
58) 4-Methyl-2-Pentanone	10.424	43	626676	102.670	ug/l	98
59) 2-Hexanone	11.176	43	410684	102.968	ug/l	98
61) Tetrachloroethene	11.082	164	62575	24.347	ug/l	92
62) Toluene	10.612	91	329717	21.116	ug/l	100
64) Chlorobenzene	11.871	112	213687	22.297	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.935	131	78397	23.235	ug/l	98
66) Ethyl Benzene	11.941	91	351208	20.849	ug/l	91
67) m/p-Xylenes	12.053	106	275408	44.043	ug/l	90
68) o-Xylene	12.376	106	131311	21.658	ug/l	98
69) Styrene	12.388	104	225504	21.400	ug/l	98
70) Isopropylbenzene	12.676	105	343070	22.316	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.912	83	124639	22.552	ug/l	97
72) 1,2,3-Trichloropropane	12.970	75	120785m	22.258	ug/l	
73) Bromobenzene	12.959	156	88997	23.662	ug/l	88
74) n-propylbenzene	13.012	91	432094	22.276	ug/l	98
75) 2-Chlorotoluene	13.100	91	254461	21.796	ug/l	94
76) 1,3,5-Trimethylbenzene	13.153	105	297018	22.879	ug/l	96
77) t-1,4-Dichloro-2-butene	12.718	75	39828	21.745	ug/l	87
78) 4-Chlorotoluene	13.200	91	267530	22.731	ug/l	99
79) tert-butylbenzene	13.418	119	258728	23.797	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	304501	22.878	ug/l	97
81) sec-Butylbenzene	13.594	105	384724	24.058	ug/l	97
82) p-Isopropyltoluene	13.706	119	318565	24.178	ug/l	98
83) 1,3-Dichlorobenzene	13.712	146	176444	24.333	ug/l	97
84) 1,4-Dichlorobenzene	13.788	146	175590	24.158	ug/l	99
85) n-Butylbenzene	14.035	91	300154	23.699	ug/l	99
86) Hexachloroethane	14.312	117	64186	23.983	ug/l	87
87) 1,2-Dichlorobenzene	14.082	146	166269	24.312	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	25802	21.038	ug/l #	80
89) 1,2,4-Trichlorobenzene	15.811	180	97309	25.017	ug/l	96
90) Hexachlorobutadiene	15.470	225	42057	32.252	ug/l	95
91) Naphthalene	15.611	128	314417	21.956	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	97309	25.017	ug/l	96

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

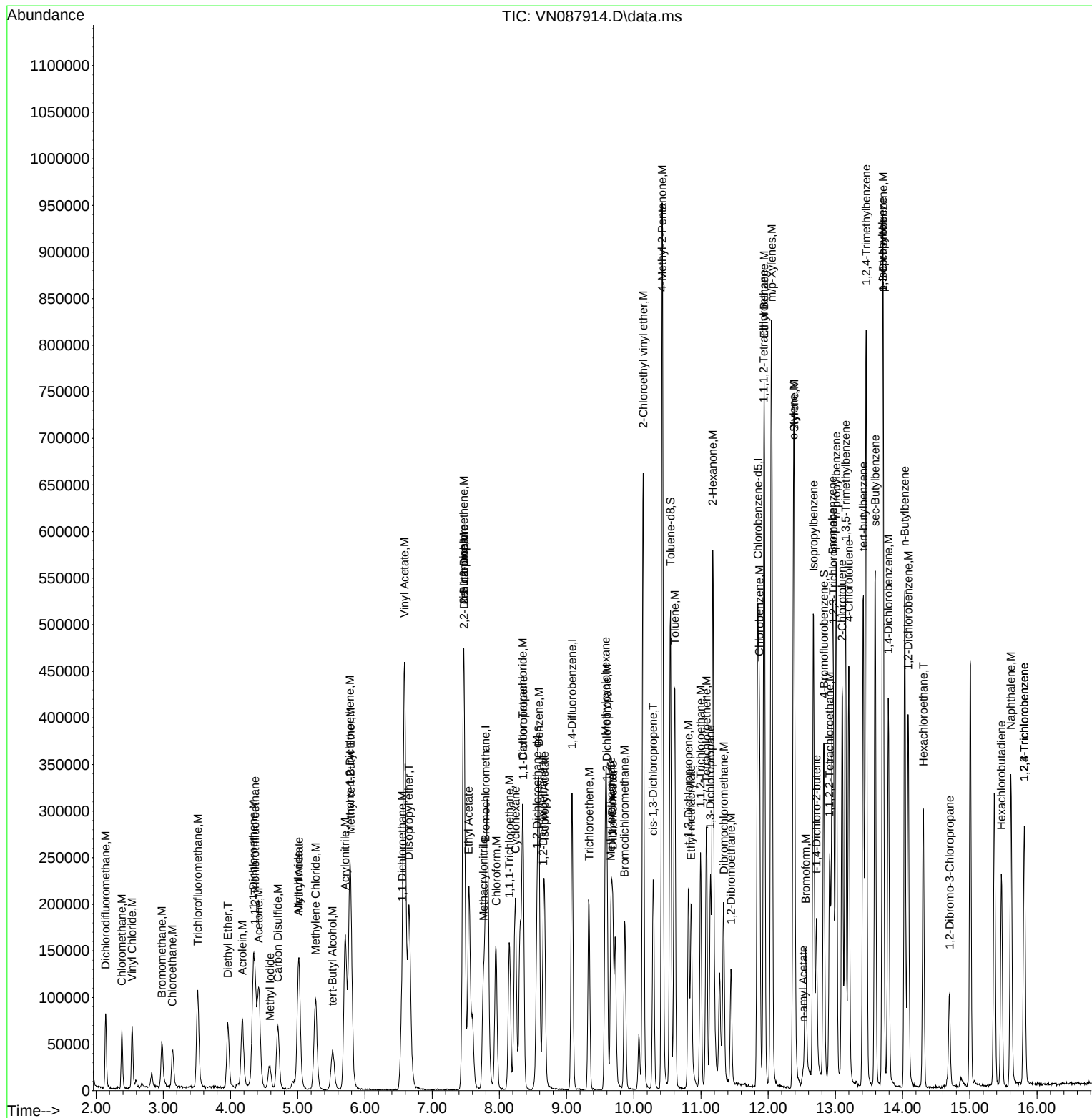
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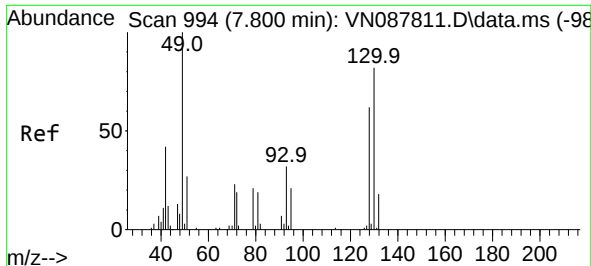
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

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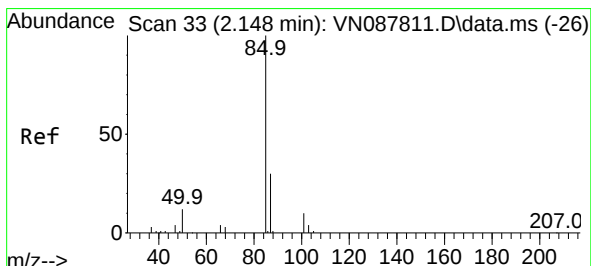
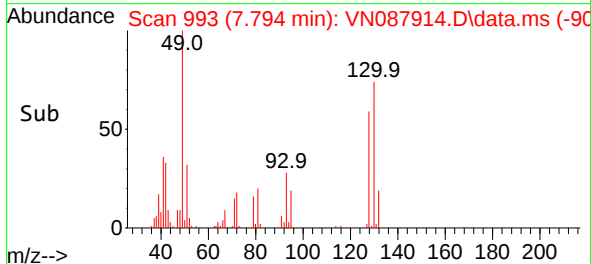
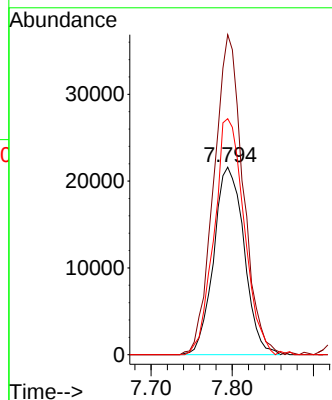
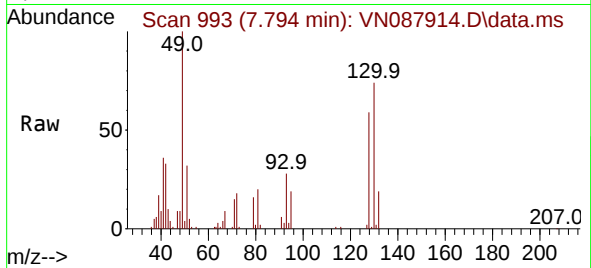
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tgt Ion:128 Resp: 5613
Ion Ratio Lower Upper
128 100
49 164.9 0.0 464.3
130 124.9 0.0 300.5

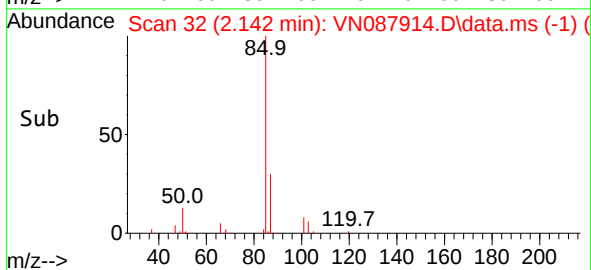
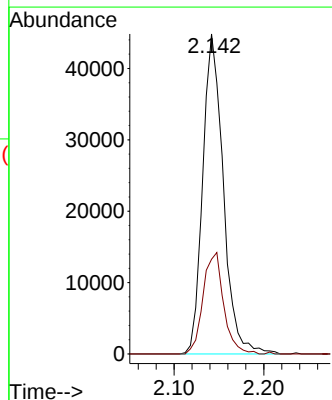
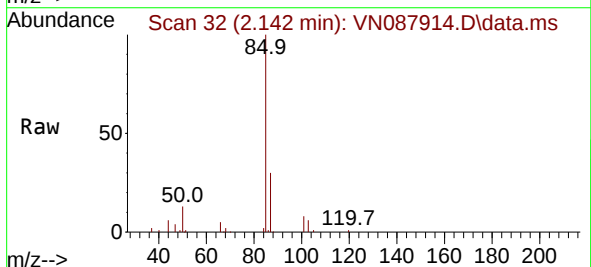
Manual Integrations
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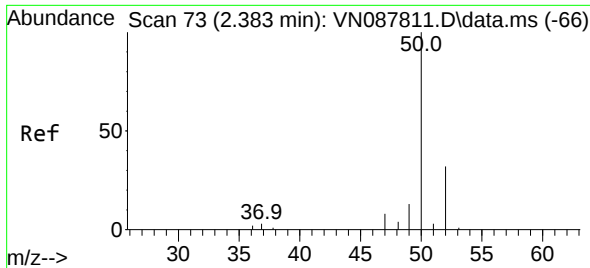
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#2
Dichlorodifluoromethane
Concen: 20.447 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

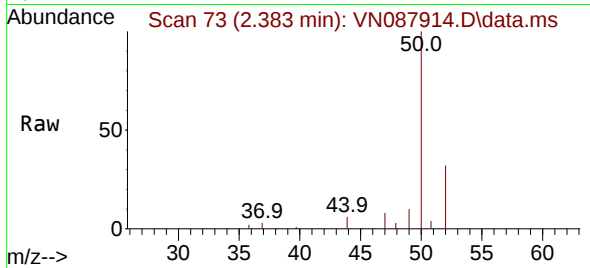
Tgt Ion: 85 Resp: 71330
Ion Ratio Lower Upper
85 100
87 29.6 16.8 50.4





#3
Chloromethane
Concen: 16.471 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

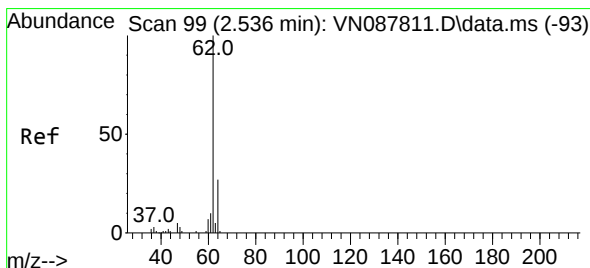
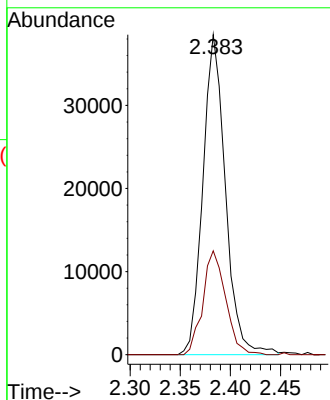
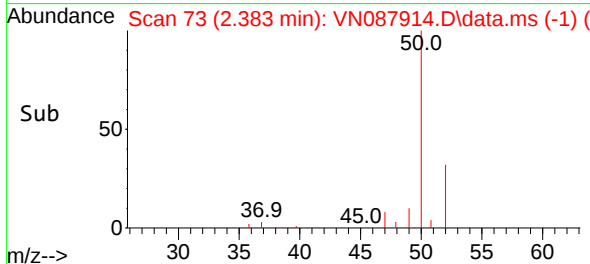
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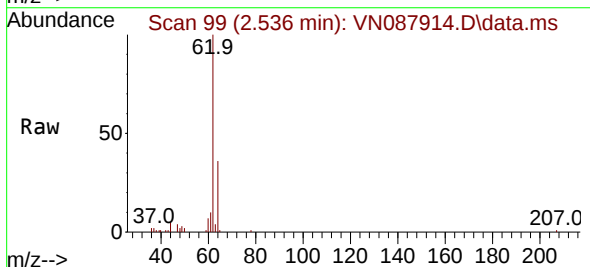
Tgt Ion: 50 Resp: 60319
Ion Ratio Lower Upper
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52 32.4 26.6 40.0

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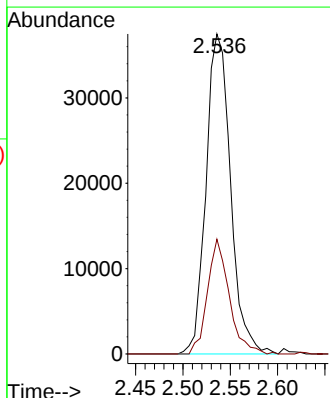
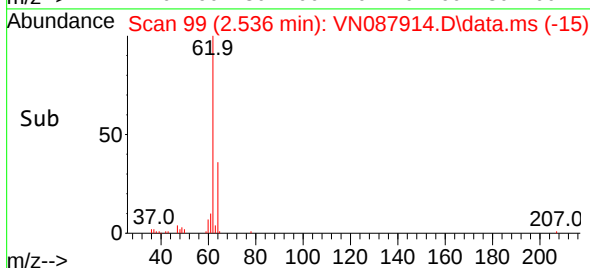
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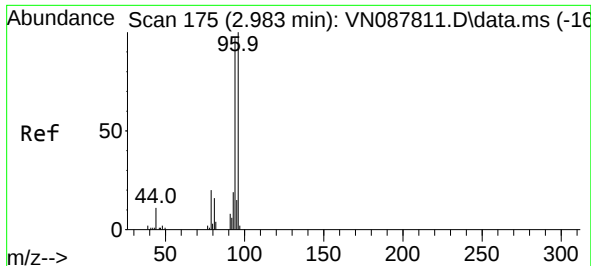


#4
Vinyl Chloride
Concen: 16.308 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30



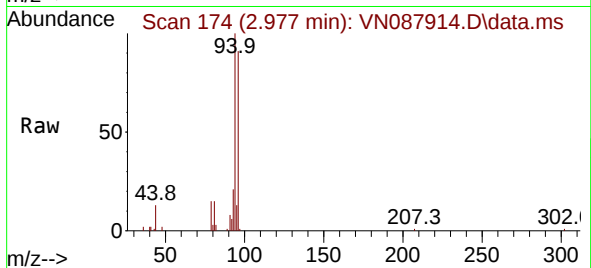
Tgt Ion: 62 Resp: 67511
Ion Ratio Lower Upper
62 100
64 35.9 25.5 38.3





#5
Bromomethane
Concen: 15.892 ug/l
RT: 2.977 min Scan# 174
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

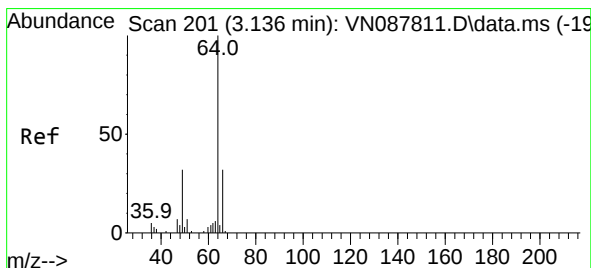
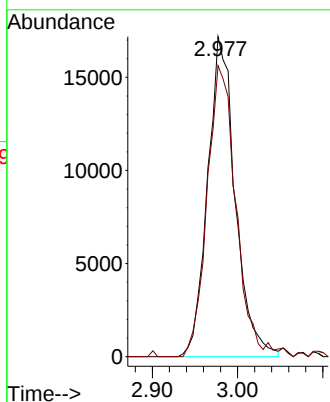
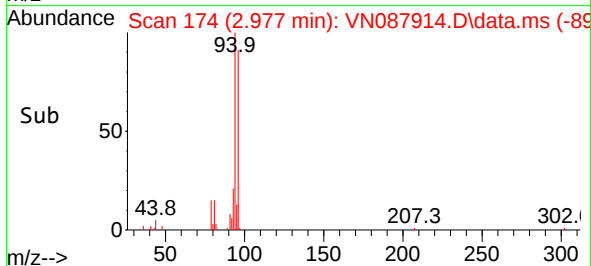
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Tgt Ion: 94 Resp: 38590
Ion Ratio Lower Upper
94 100
96 91.0 72.2 108.4

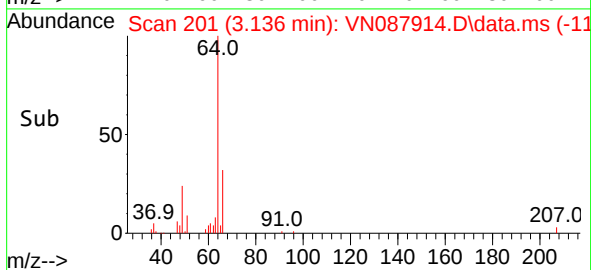
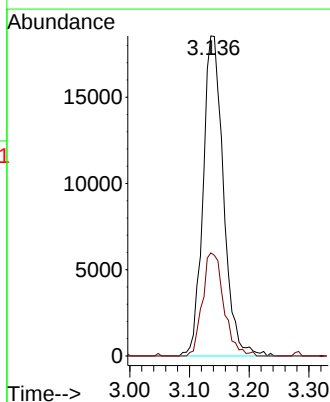
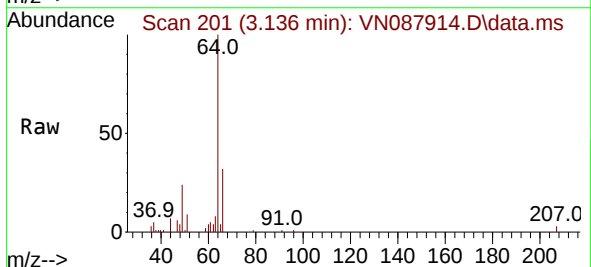
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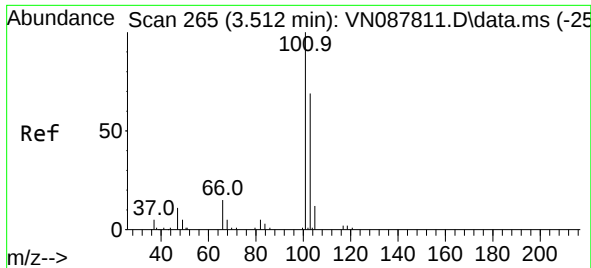
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#6
Chloroethane
Concen: 15.581 ug/l m
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087914.D
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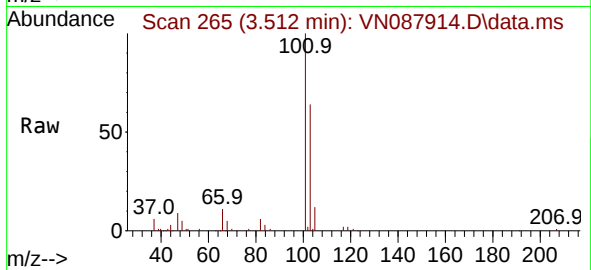
Tgt Ion: 64 Resp: 44083
Ion Ratio Lower Upper
64 100
66 32.2 32.8 49.2#





#7
 Trichlorofluoromethane
 Concen: 19.263 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087914.D
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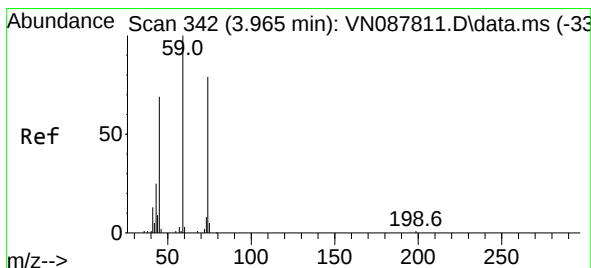
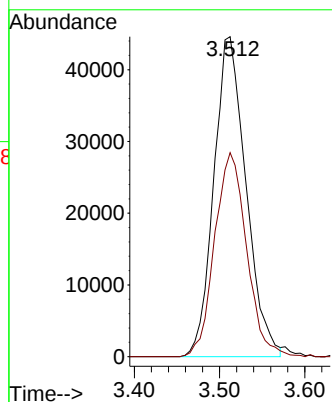
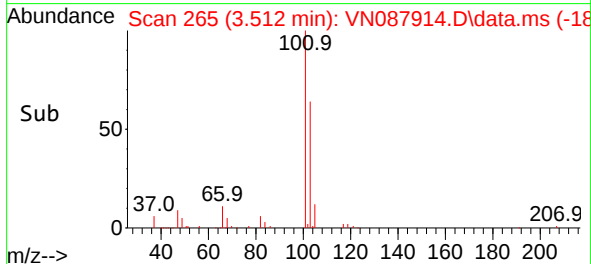
Instrument :
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 VN0922WBSD01



Tgt Ion:101 Resp: 11688
 Ion Ratio Lower Upper
 101 100
 103 63.7 45.7 68.5

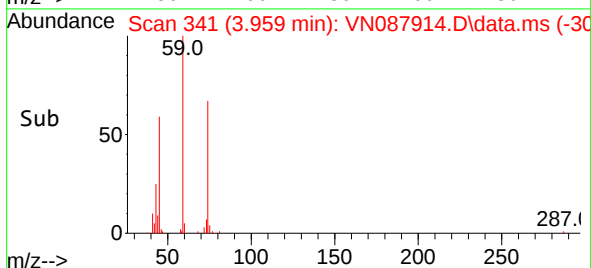
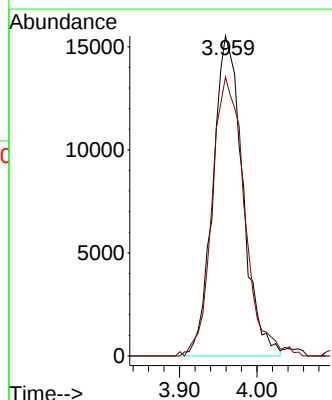
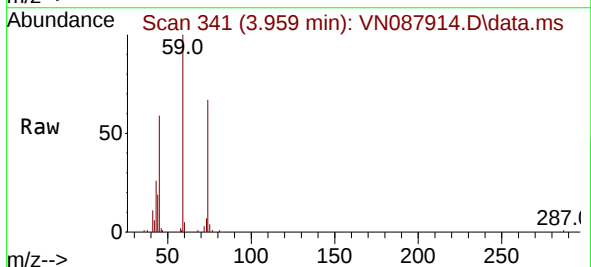
Manual Integrations
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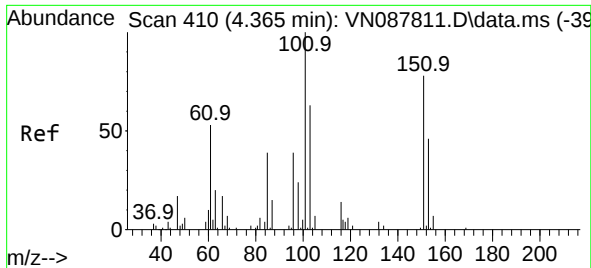
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025



#8
 Diethyl Ether
 Concen: 16.095 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087914.D
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Tgt Ion: 74 Resp: 41242
 Ion Ratio Lower Upper
 74 100
 45 95.0 20.4 183.8





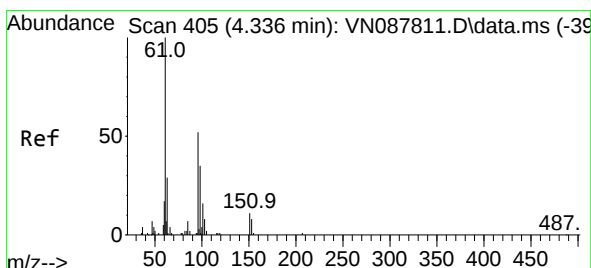
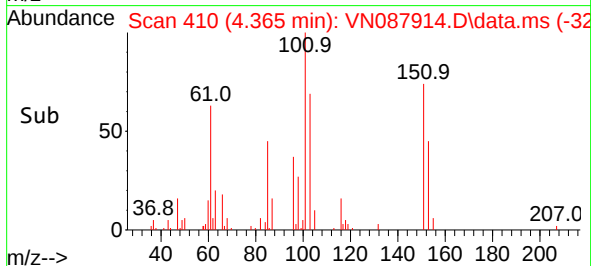
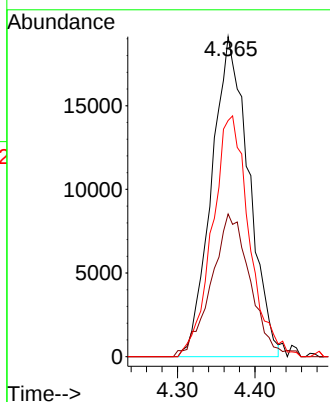
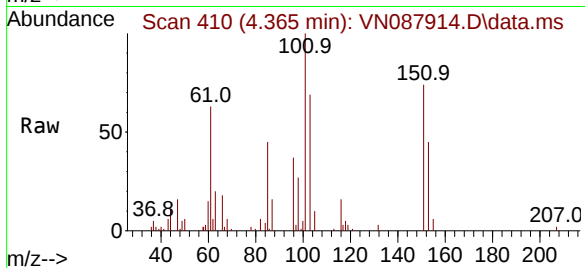
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.403 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tgt Ion:101 Resp: 63772
Ion Ratio Lower Upper
101 100
85 45.6 0.0 95.6
151 74.3 0.0 85.8

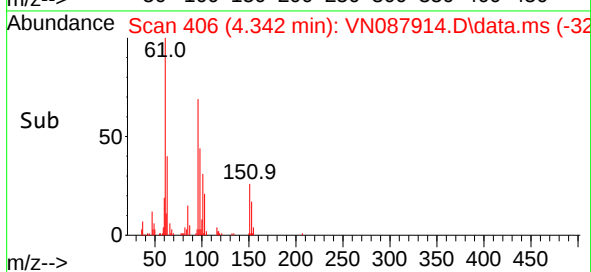
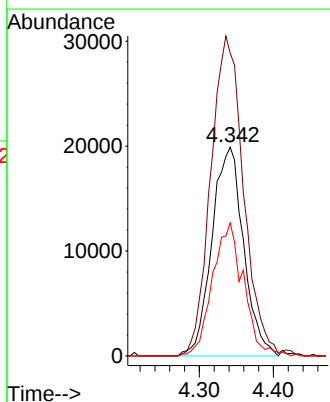
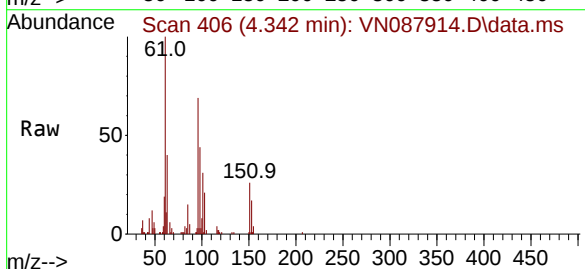
Manual Integrations
APPROVED

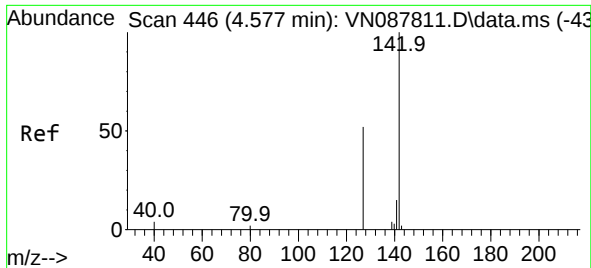
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#10
1,1-Dichloroethene
Concen: 17.425 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 96 Resp: 59045
Ion Ratio Lower Upper
96 100
61 145.1 135.9 203.9
98 63.8 59.2 88.8





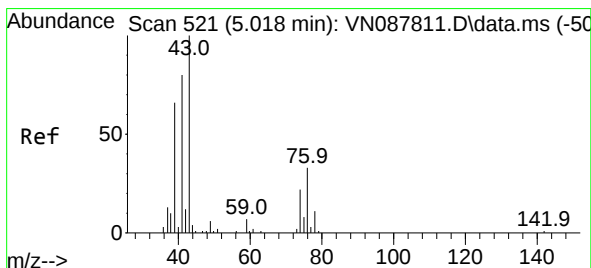
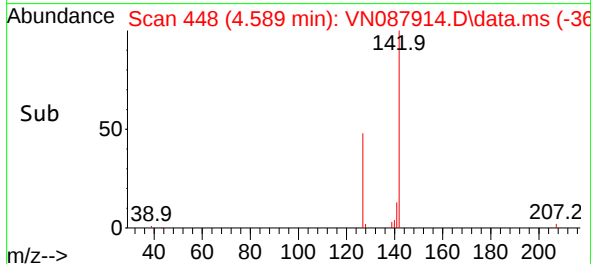
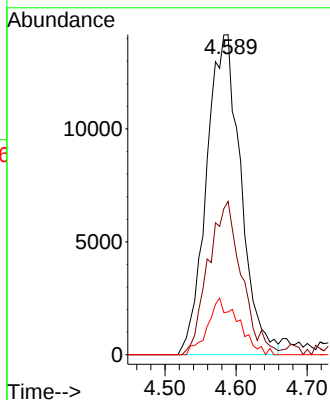
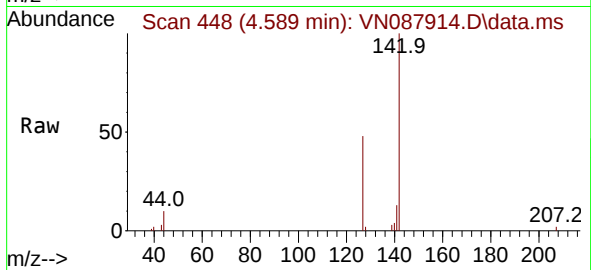
#11
Methyl Iodide
Concen: 19.818 ug/l
RT: 4.589 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tgt Ion:142 Resp: 47530
Ion Ratio Lower Upper
142 100
127 48.0 27.9 83.7
141 13.6 9.6 28.8

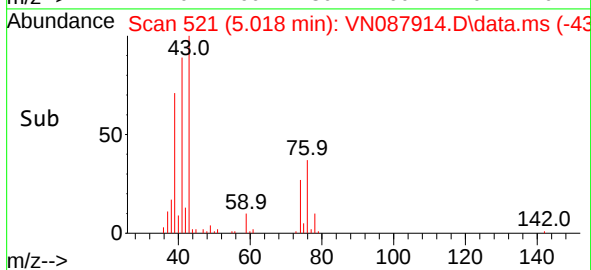
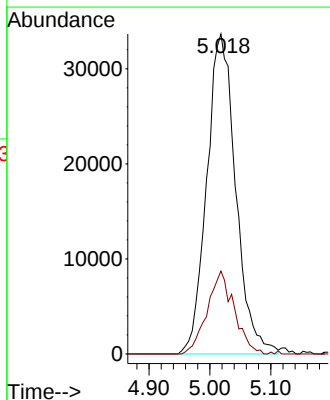
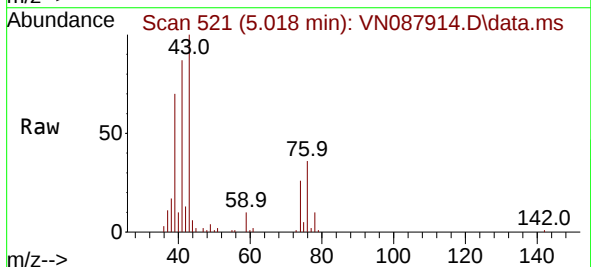
Manual Integrations
APPROVED

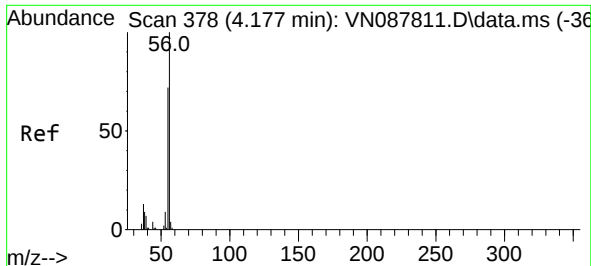
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#12
Methyl Acetate
Concen: 21.288 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

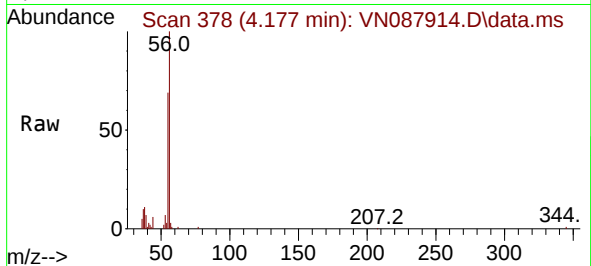
Tgt Ion: 43 Resp: 111197
Ion Ratio Lower Upper
43 100
74 25.6 17.5 26.3





#13
Acrolein
Concen: 101.873 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

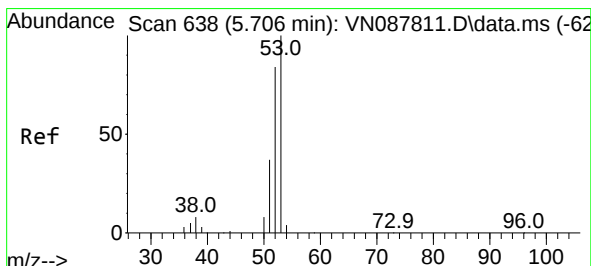
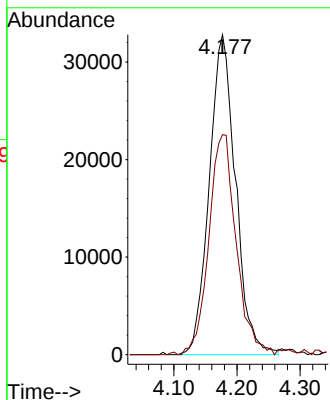
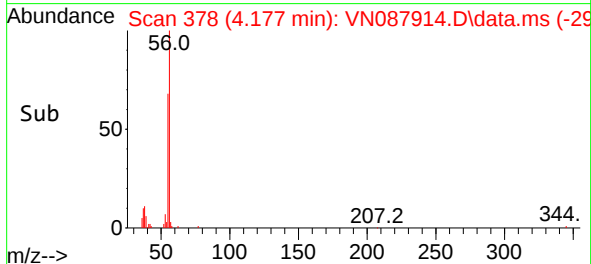
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



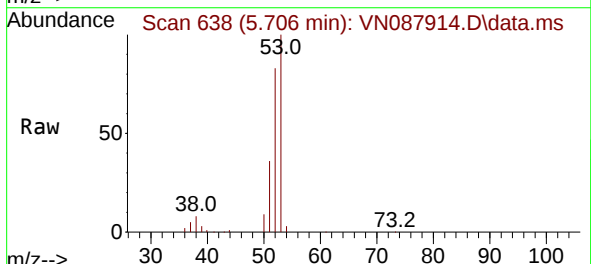
Tgt Ion: 56 Resp: 94740
Ion Ratio Lower Upper
56 100
55 71.3 28.6 42.8

Manual Integrations
APPROVED

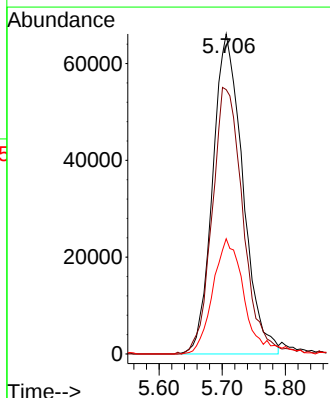
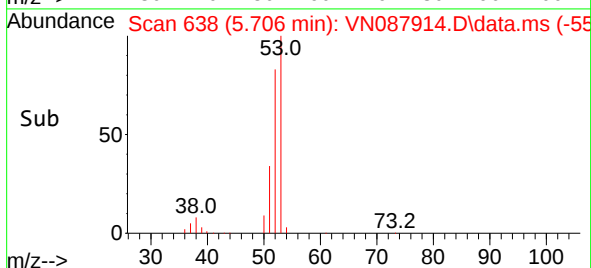
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

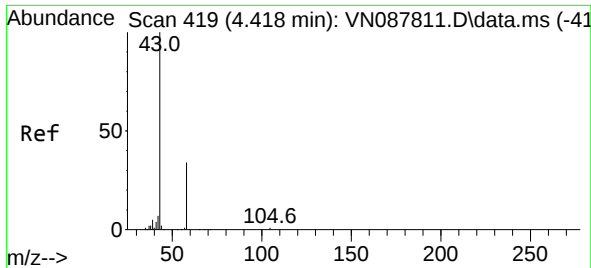


#14
Acrylonitrile
Concen: 97.374 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.012 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30



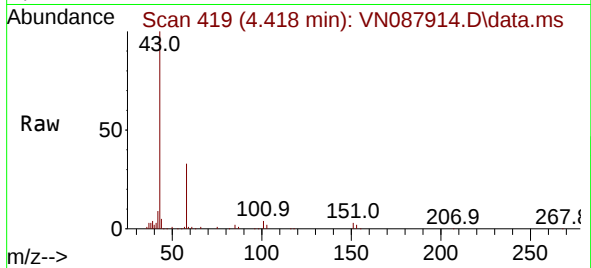
Tgt Ion: 53 Resp: 218933
Ion Ratio Lower Upper
53 100
52 84.4 40.9 122.7
51 36.3 18.1 54.1





#15
Acetone
Concen: 81.425 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

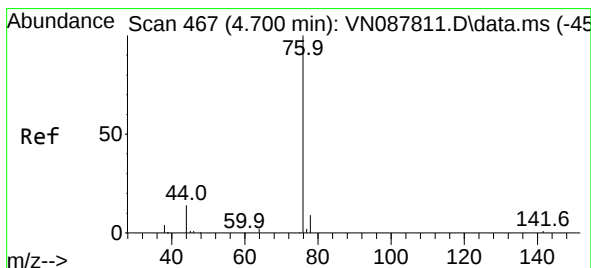
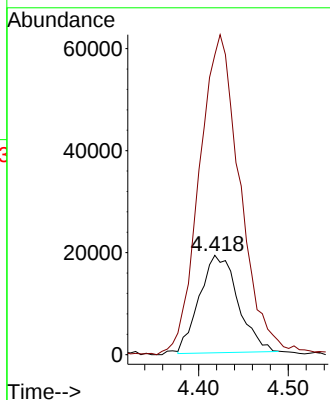
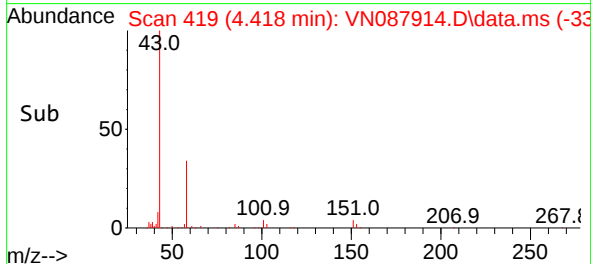
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



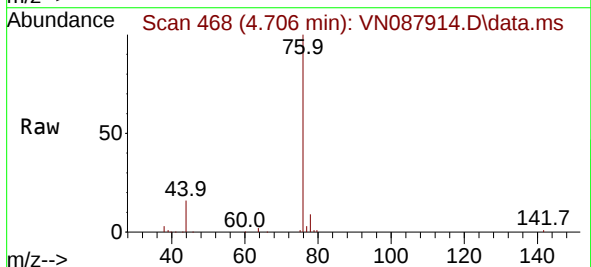
Tgt Ion: 58 Resp: 5711
Ion Ratio Lower Upper
58 100
43 297.2 250.6 376.0

Manual Integrations
APPROVED

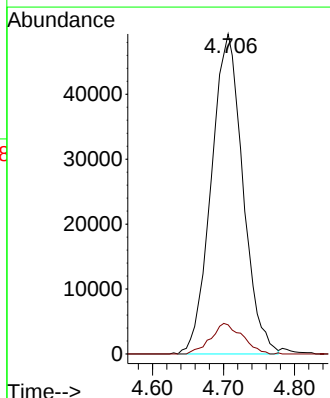
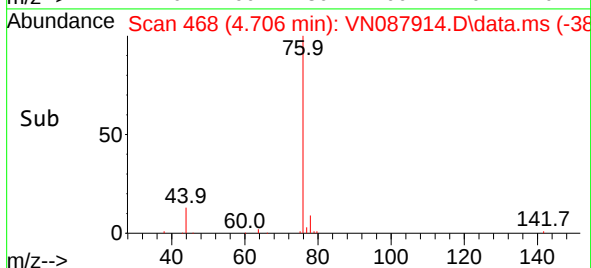
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

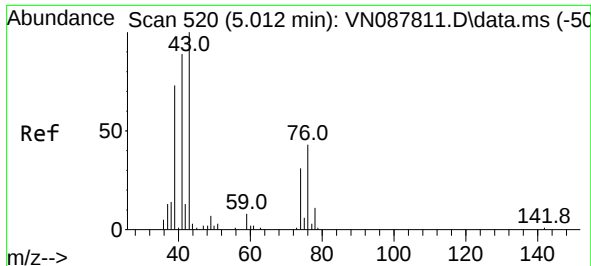


#16
Carbon Disulfide
Concen: 16.350 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30



Tgt Ion: 76 Resp: 152116
Ion Ratio Lower Upper
76 100
78 9.1 5.0 7.6#





#17

Allyl chloride

Concen: 17.182 ug/l

RT: 5.012 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN087914.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

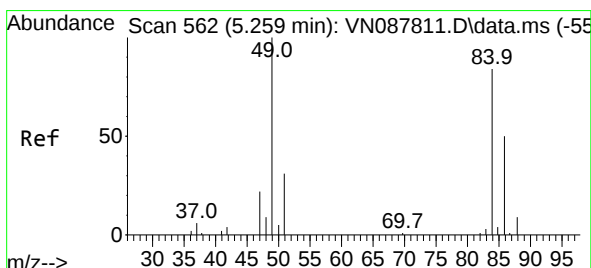
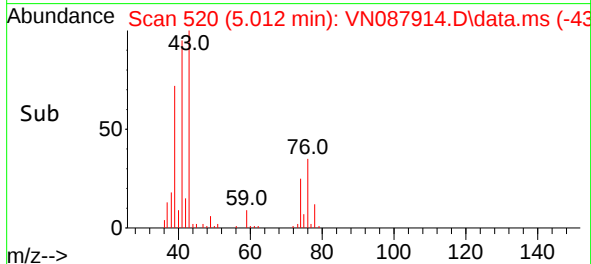
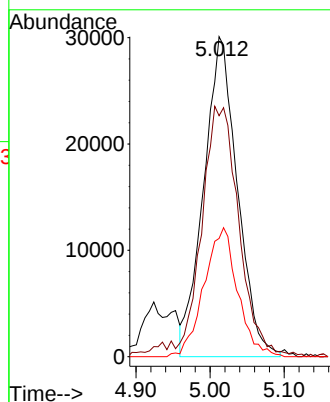
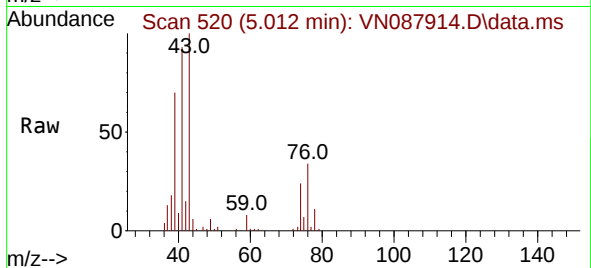
Tgt Ion:	41	Resp:	9509
Ion	Ratio	Lower	Upper
41	100		
39	74.7	36.7	110.1
76	36.9	18.3	54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#18

Methylene Chloride

Concen: 19.725 ug/l

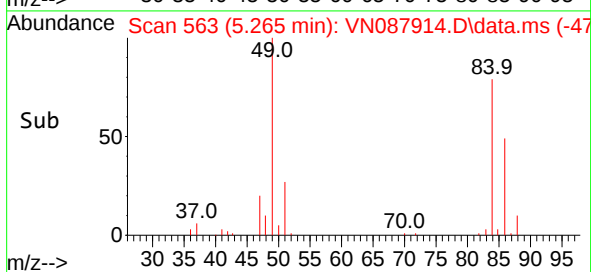
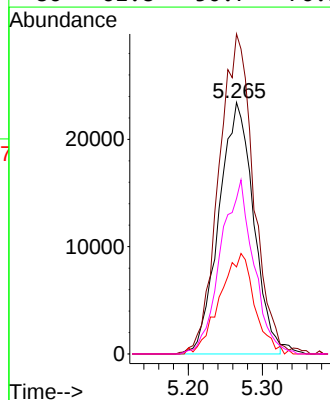
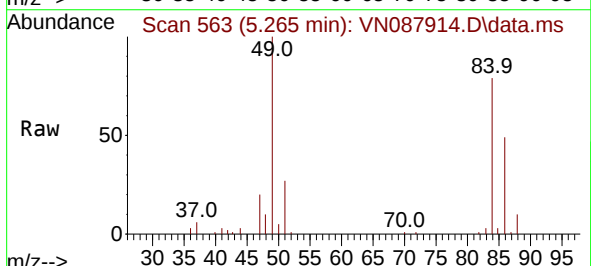
RT: 5.265 min Scan# 563

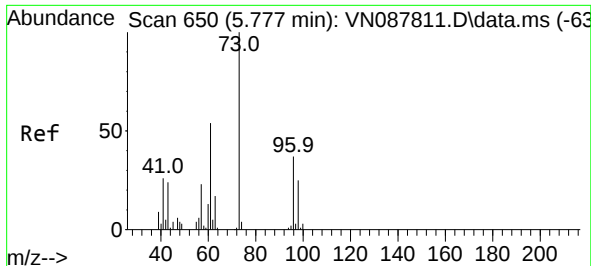
Delta R.T. -0.000 min

Lab File: VN087914.D

Acq: 22 Sep 2025 11:30

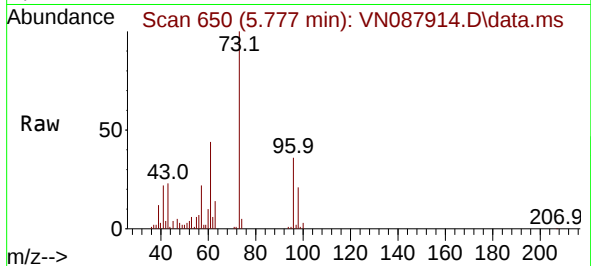
Tgt Ion:	84	Resp:	75713
Ion	Ratio	Lower	Upper
84	100		
49	126.6	114.1	171.1
51	34.6	30.2	45.4
86	61.8	50.7	76.1





#19
trans-1,2-Dichloroethene
Concen: 19.851 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

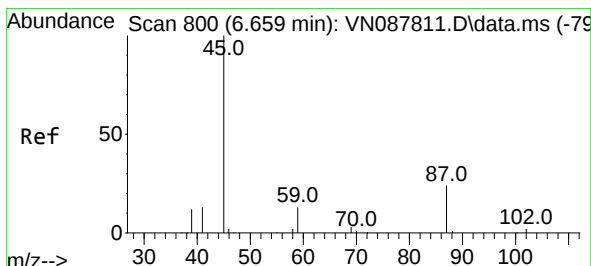
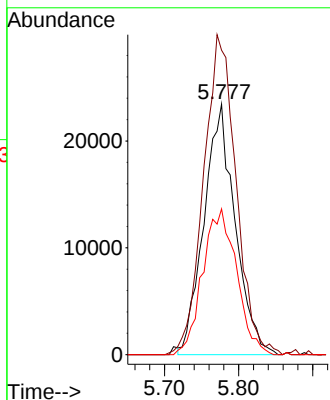
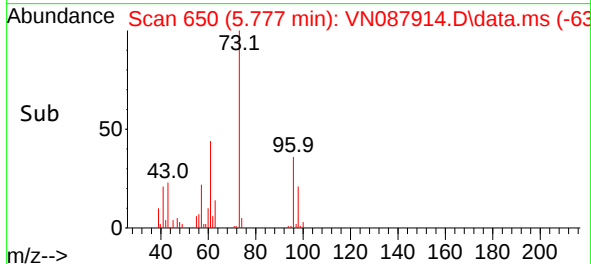
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



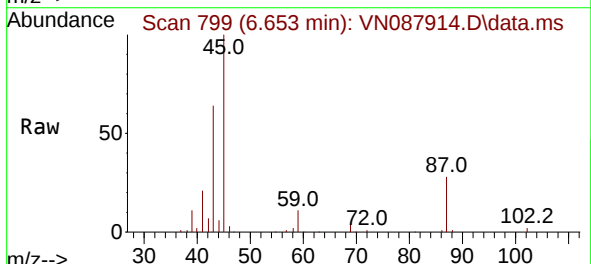
Tgt Ion: 96 Resp: 68604
Ion Ratio Lower Upper
96 100
61 119.8 106.4 159.6
98 58.2 48.9 73.3

Manual Integrations
APPROVED

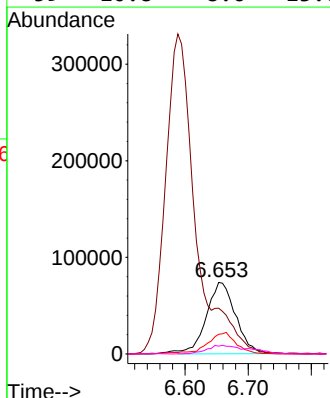
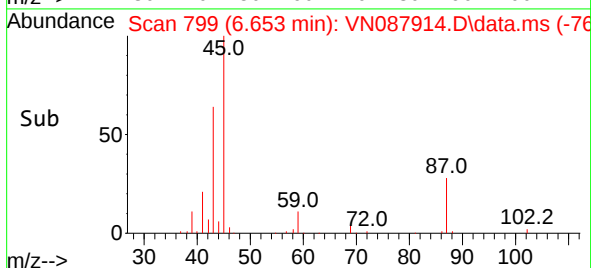
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

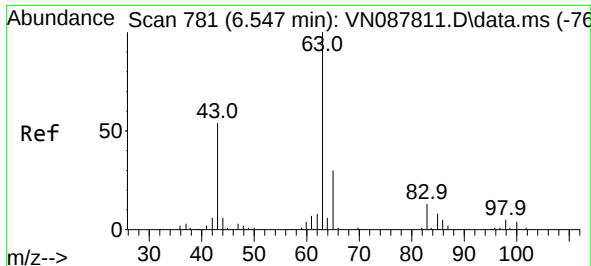


#20
Diisopropyl ether
Concen: 18.539 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30



Tgt Ion: 45 Resp: 235958
Ion Ratio Lower Upper
45 100
43 62.9 49.5 74.3
87 27.7 18.8 28.2
59 10.8 8.6 13.0





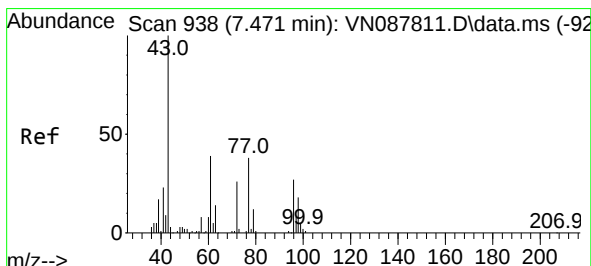
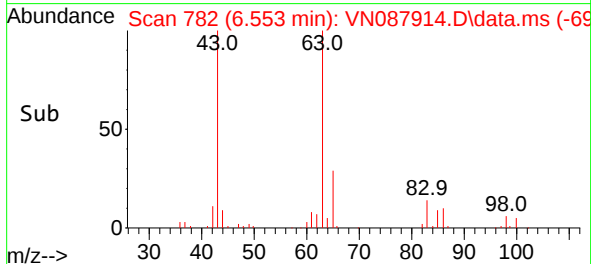
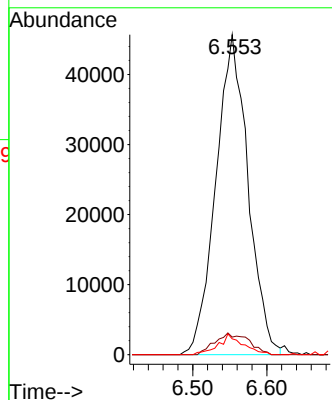
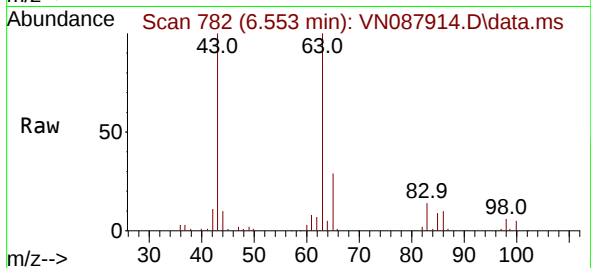
#21
1,1-Dichloroethane
Concen: 19.766 ug/l
RT: 6.553 min Scan# 781
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tgt Ion: 63 Resp: 13776
Ion Ratio Lower Upper
63 100
98 5.5 2.9 8.8
100 5.0 1.8 5.3

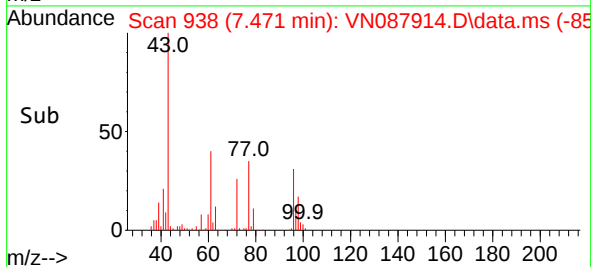
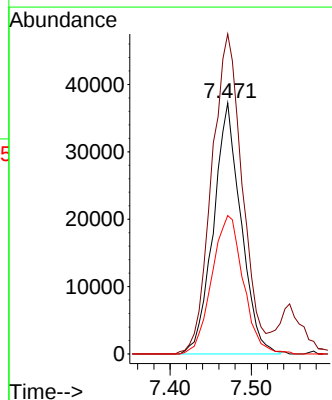
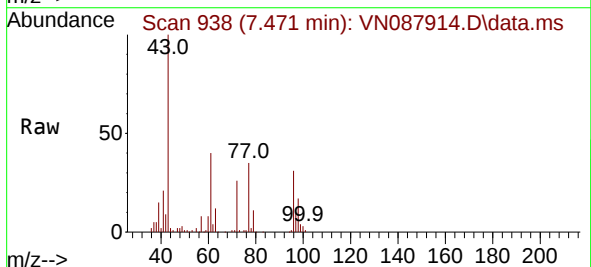
Manual Integrations
APPROVED

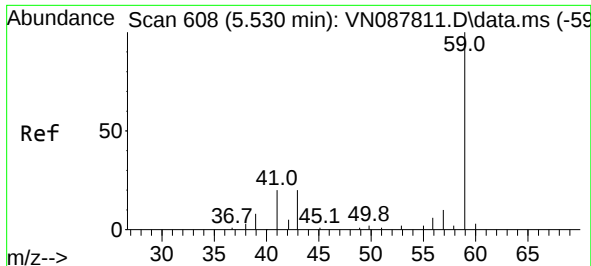
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#22
cis-1,2-Dichloroethene
Concen: 20.967 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 96 Resp: 87951
Ion Ratio Lower Upper
96 100
61 140.8 118.2 177.2
98 62.7 51.6 77.4





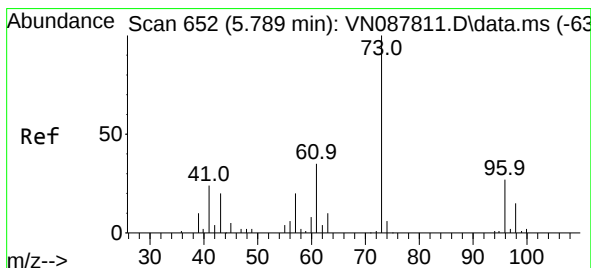
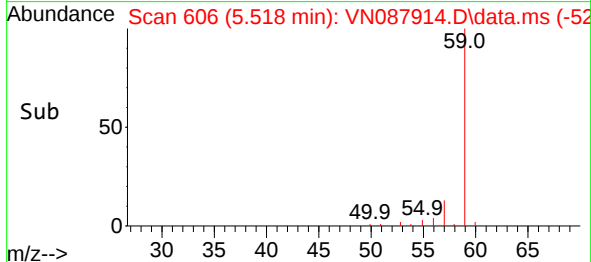
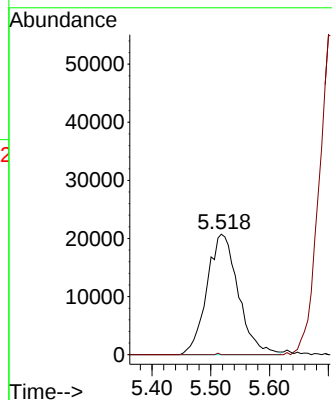
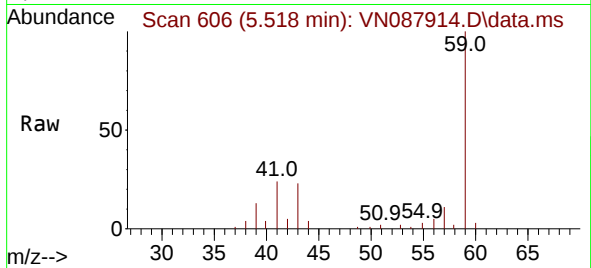
#23
tert-Butyl Alcohol
Concen: 96.853 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tgt Ion: 59 Resp: 76978
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

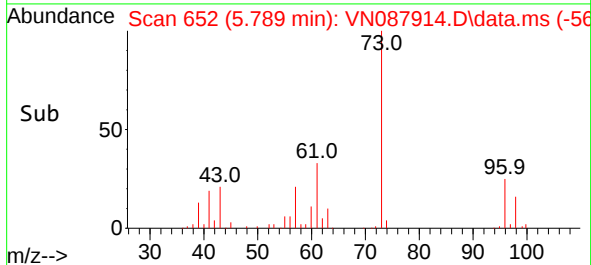
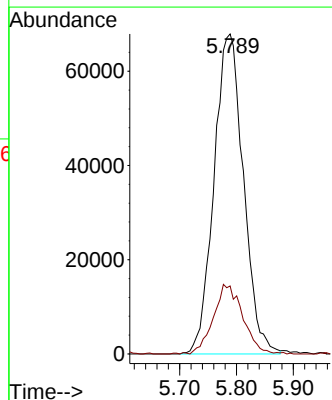
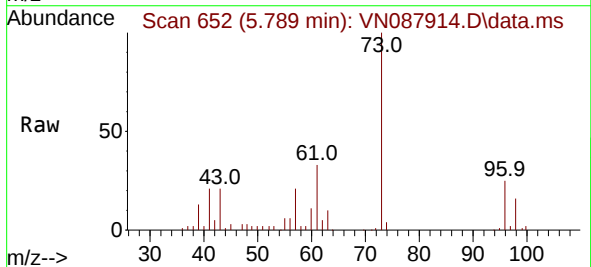
Manual Integrations
APPROVED

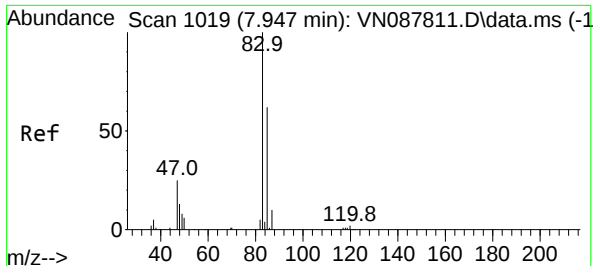
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#24
Methyl tert-Butyl Ether
Concen: 20.201 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 73 Resp: 244384
Ion Ratio Lower Upper
73 100
43 21.5 16.8 25.2





#25

Chloroform

Concen: 20.991 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VN087914.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tgt Ion: 83 Resp: 15314

Ion Ratio Lower Upper

83 100

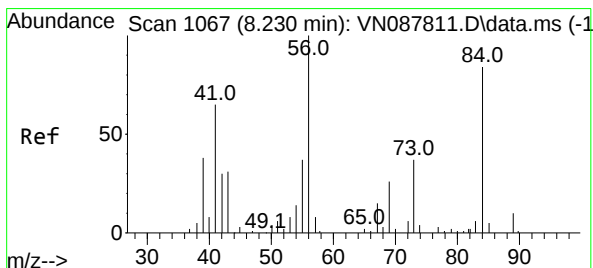
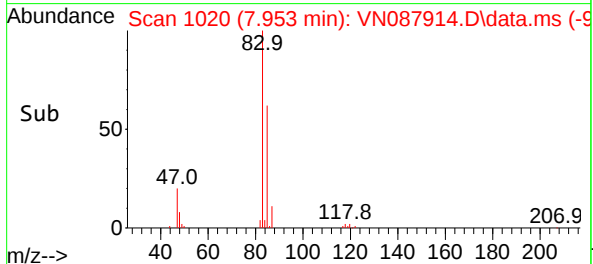
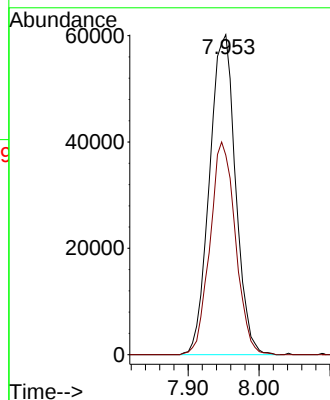
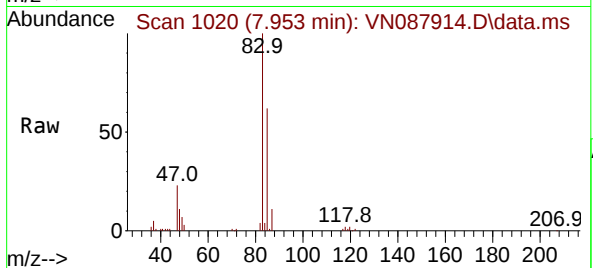
85 62.3 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#26

Cyclohexane

Concen: 18.040 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN087914.D

Acq: 22 Sep 2025 11:30

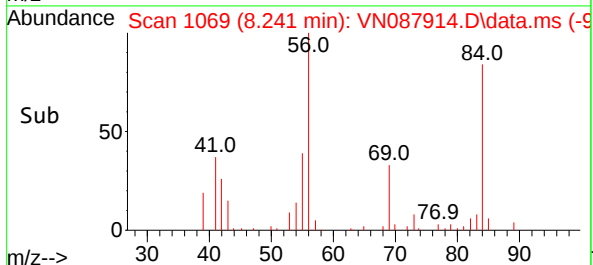
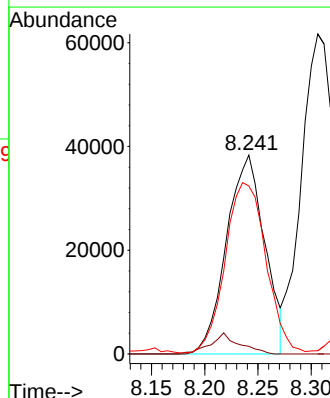
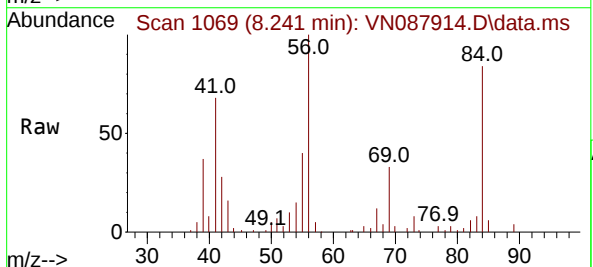
Tgt Ion: 56 Resp: 95757

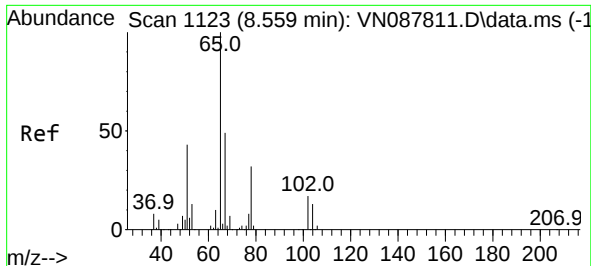
Ion Ratio Lower Upper

56 100

89 7.8 0.0 0.0#

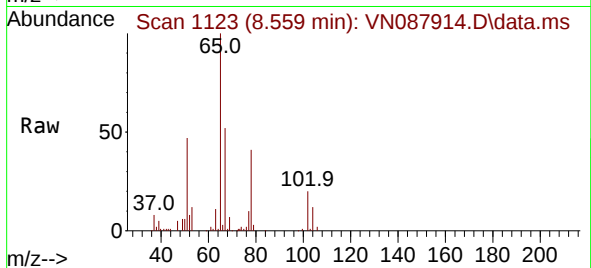
84 92.3 69.4 104.2





#27
1,2-Dichloroethane-d4
Concen: 28.240 ug/l m
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

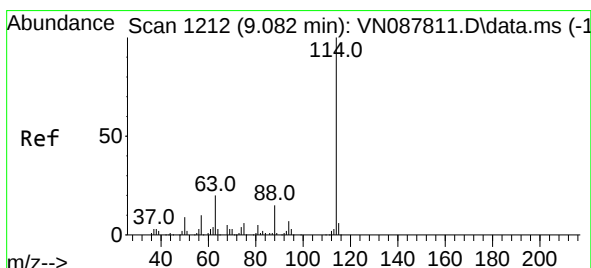
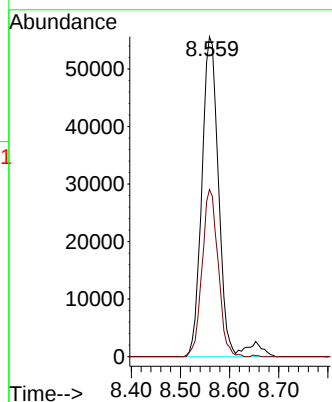
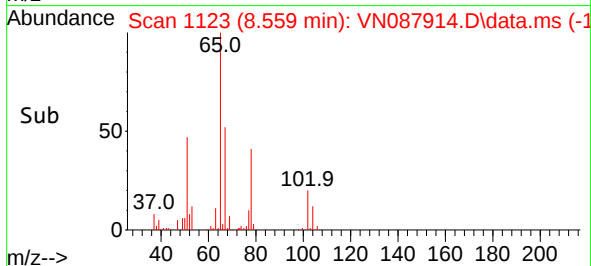
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



Tgt Ion: 65 Resp: 135400
Ion Ratio Lower Upper
65 100
67 48.5 39.6 59.4

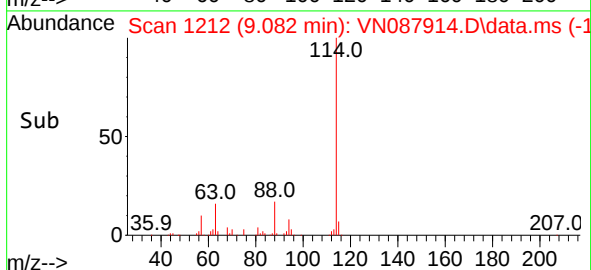
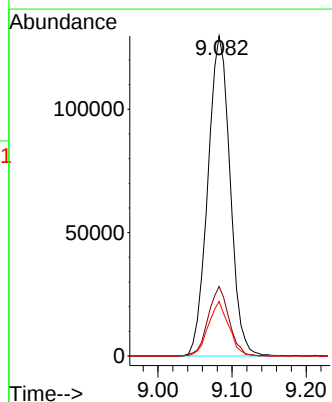
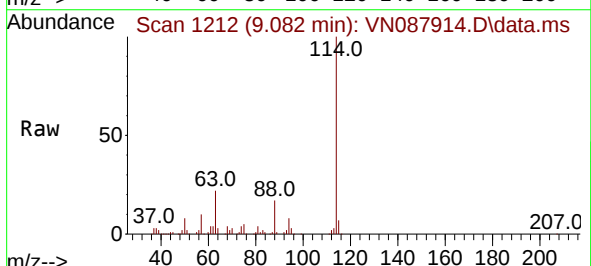
Manual Integrations
APPROVED

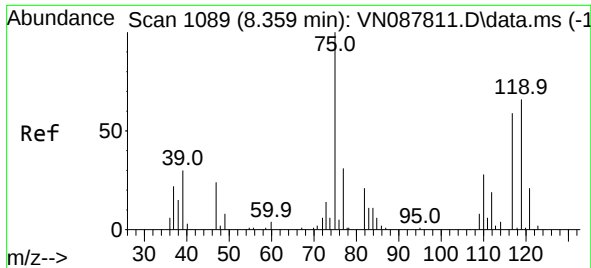
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Tgt Ion:114 Resp: 270654
Ion Ratio Lower Upper
114 100
63 20.2 18.3 27.5
88 15.7 12.4 18.6





#29

1,1-Dichloropropene

Concen: 20.897 ug/l

RT: 8.353 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN087914.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tgt Ion: 75 Resp: 91918

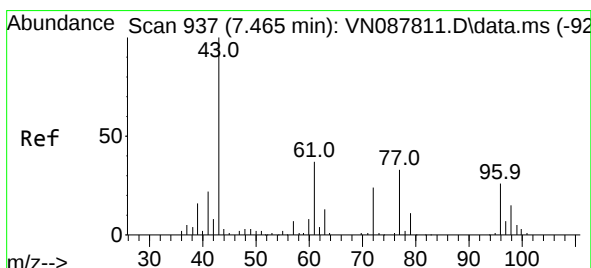
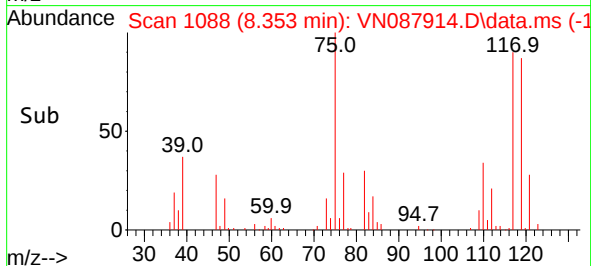
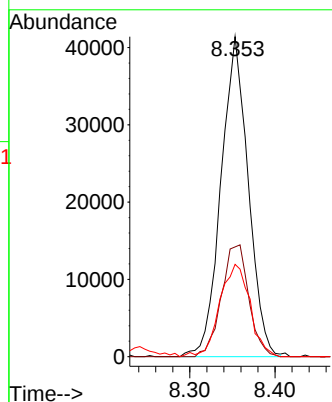
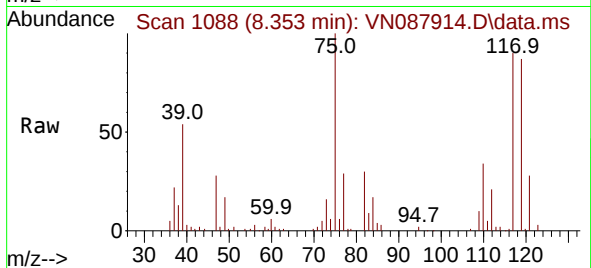
Ion	Ratio	Lower	Upper
75	100		
110	35.1	0.0	64.4
77	31.6	0.0	62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#30

2-Butanone

Concen: 105.195 ug/l

RT: 7.471 min Scan# 938

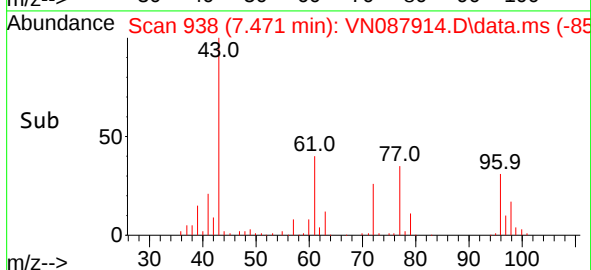
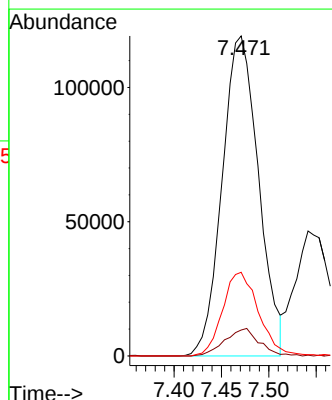
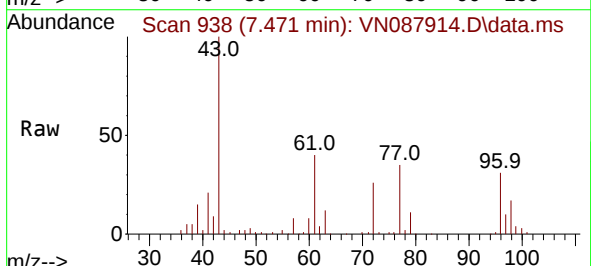
Delta R.T. -0.000 min

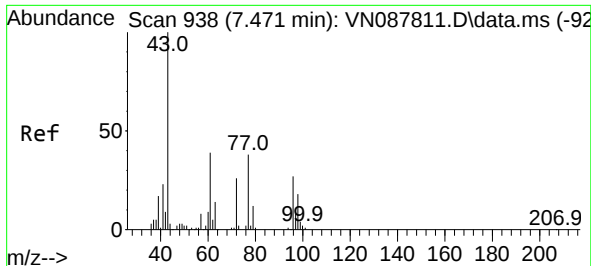
Lab File: VN087914.D

Acq: 22 Sep 2025 11:30

Tgt Ion: 43 Resp: 318750

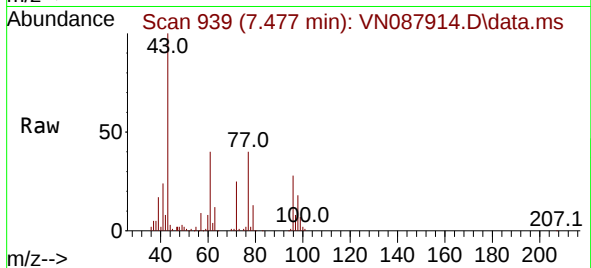
Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.3	9.5
72	25.9	21.4	32.2





#31
2,2-Dichloropropane
Concen: 23.897 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

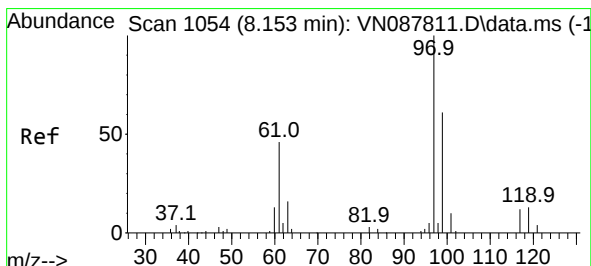
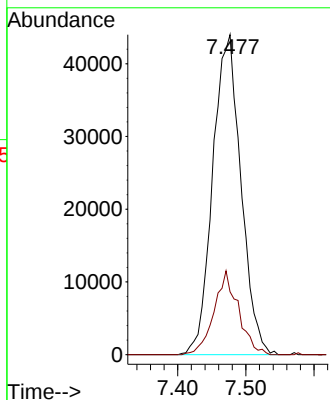
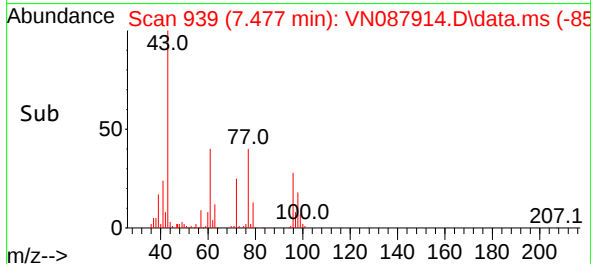
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



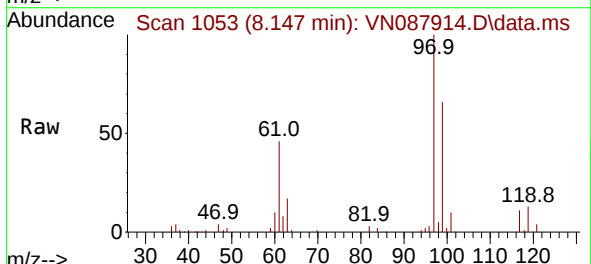
Tgt Ion: 77 Resp: 12671
Ion Ratio Lower Upper
77 100
97 22.6 17.1 25.7

Manual Integrations
APPROVED

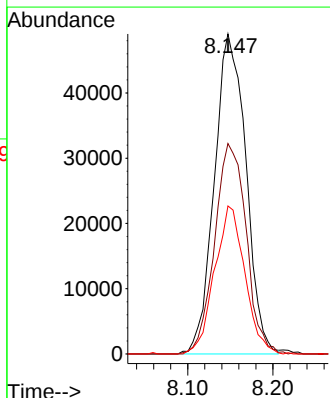
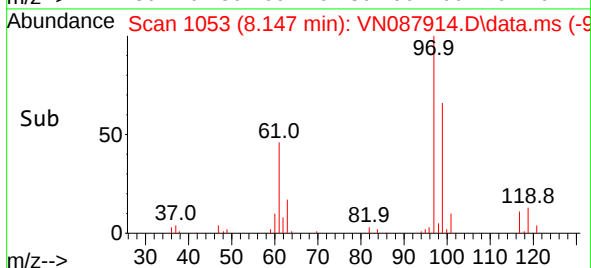
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

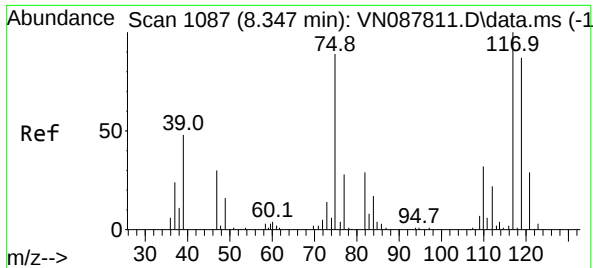


#32
1,1,1-Trichloroethane
Concen: 22.664 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30



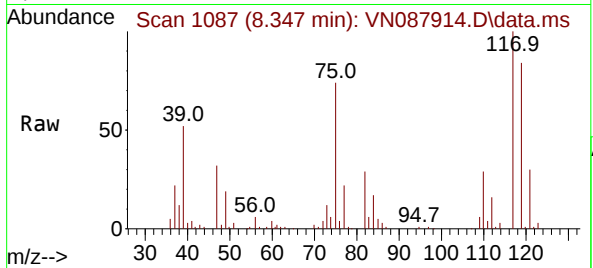
Tgt Ion: 97 Resp: 126383
Ion Ratio Lower Upper
97 100
99 65.7 52.2 78.4
61 44.3 37.9 56.9





#33
Carbon Tetrachloride
Concen: 23.799 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

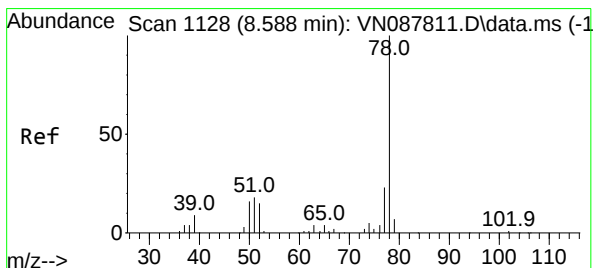
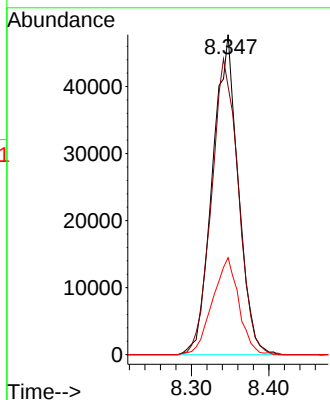
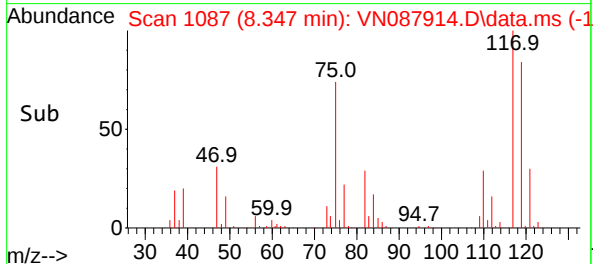
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



Tgt Ion:117 Resp: 110660
Ion Ratio Lower Upper
117 100
119 83.7 77.3 115.9
121 30.3 26.6 39.8

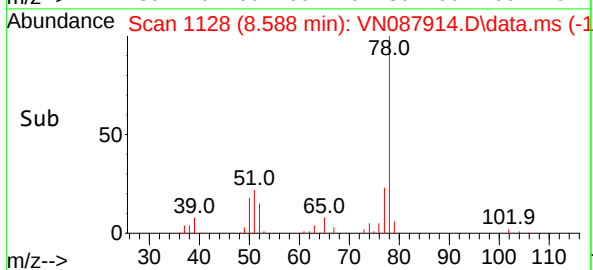
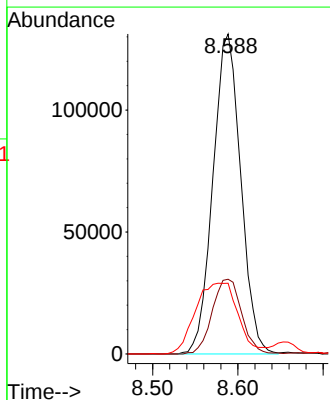
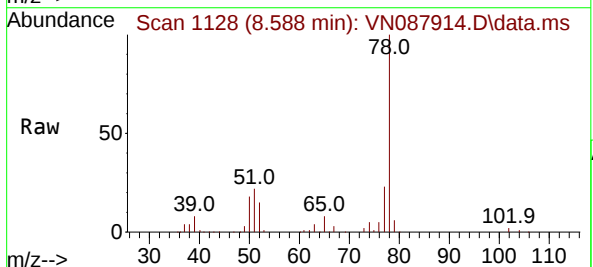
Manual Integrations
APPROVED

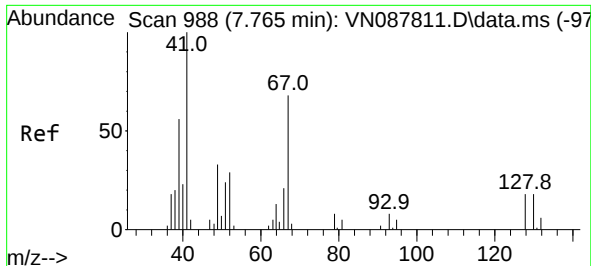
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#34
Benzene
Concen: 20.902 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

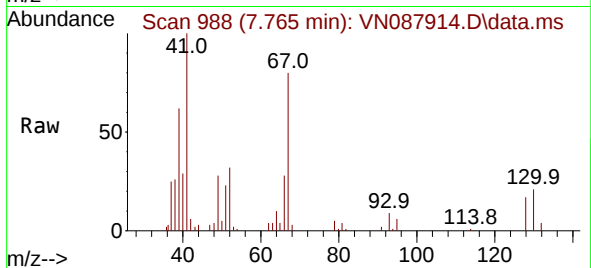
Tgt Ion: 78 Resp: 297142
Ion Ratio Lower Upper
78 100
77 23.3 20.3 30.5
51 20.4 18.0 27.0





#35
Methacrylonitrile
Concen: 19.773 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

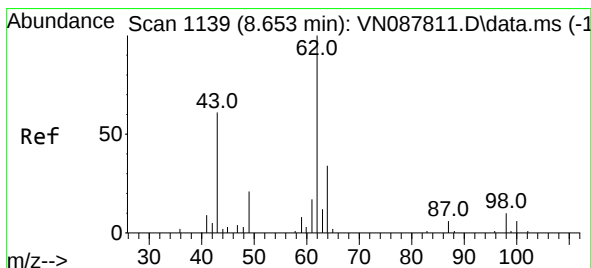
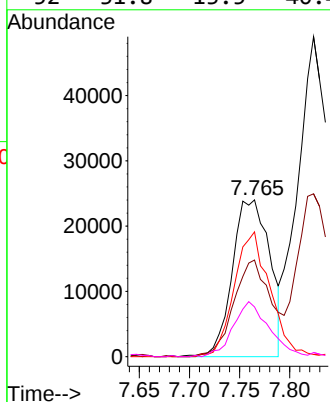
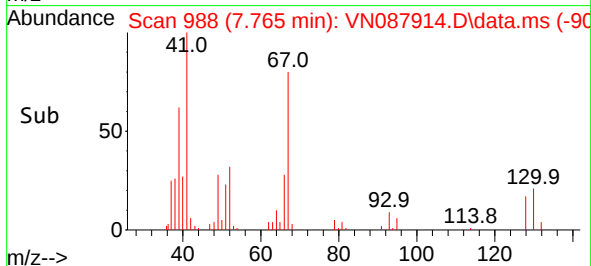
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



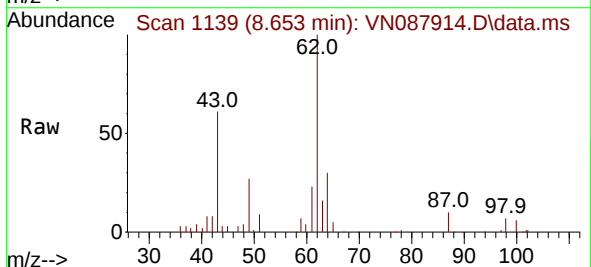
Tgt Ion: 41 Resp: 62669
Ion Ratio Lower Upper
41 100
39 61.6 27.1 81.2
67 79.6 32.1 96.5
52 31.8 13.5 40.4

Manual Integrations
APPROVED

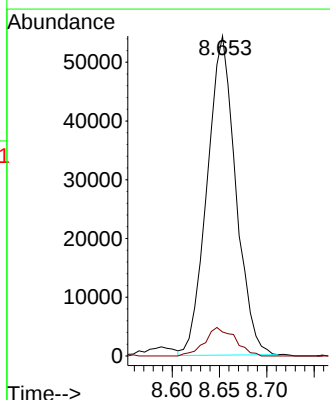
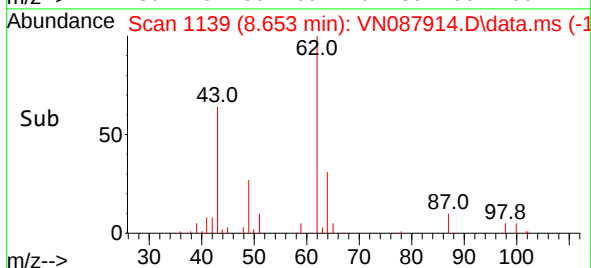
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

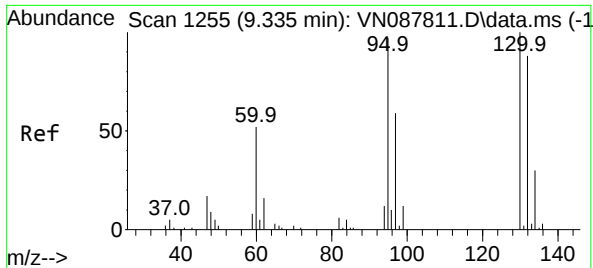


#36
1,2-Dichloroethane
Concen: 21.325 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30



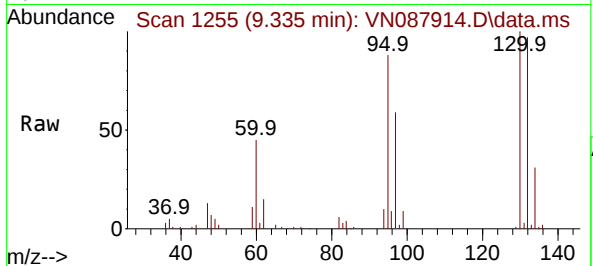
Tgt Ion: 62 Resp: 114507
Ion Ratio Lower Upper
62 100
98 9.4 7.2 10.8





#37
Trichloroethene
Concen: 23.009 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

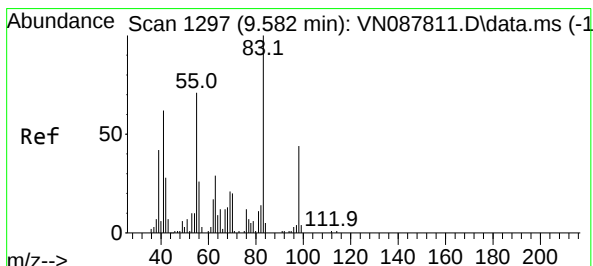
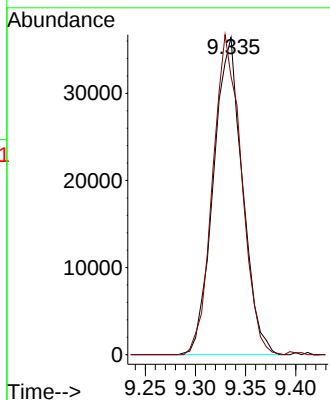
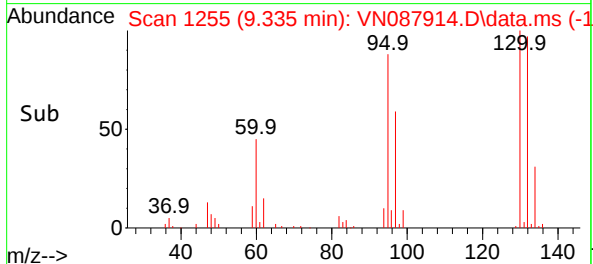
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



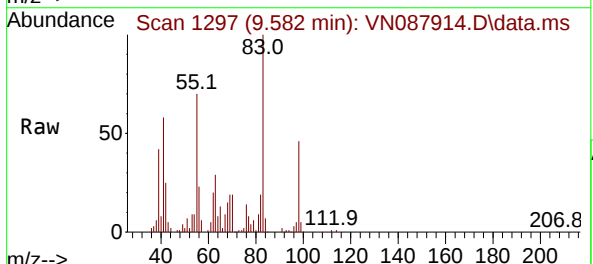
Tgt Ion:130 Resp: 73120
Ion Ratio Lower Upper
130 100
95 87.8 82.7 124.1

Manual Integrations
APPROVED

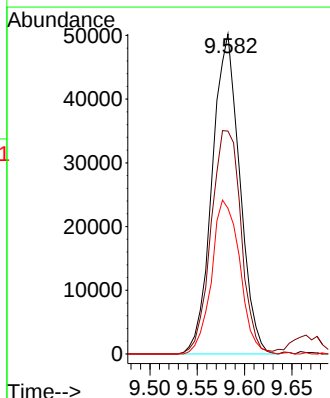
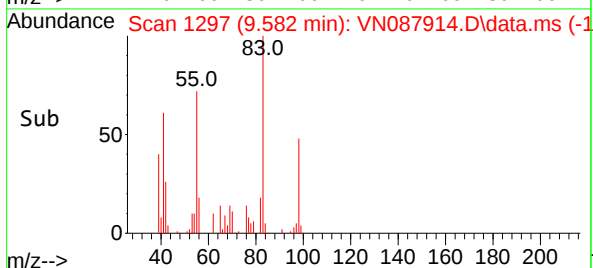
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

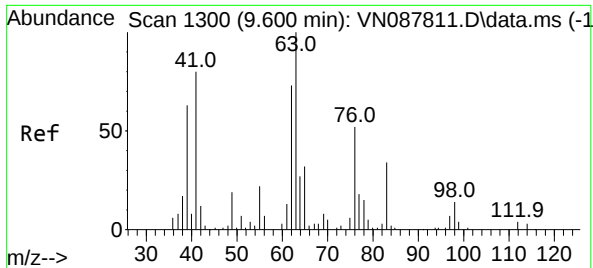


#38
Methylcyclohexane
Concen: 21.007 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30



Tgt Ion: 83 Resp: 101745
Ion Ratio Lower Upper
83 100
55 75.9 40.4 121.1
98 49.1 24.0 72.0





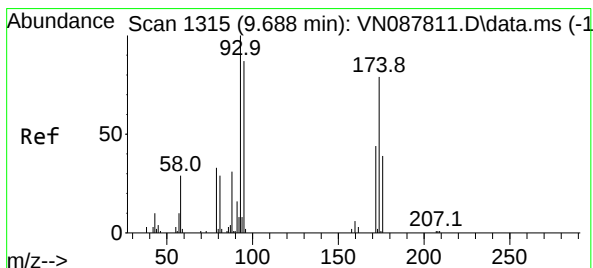
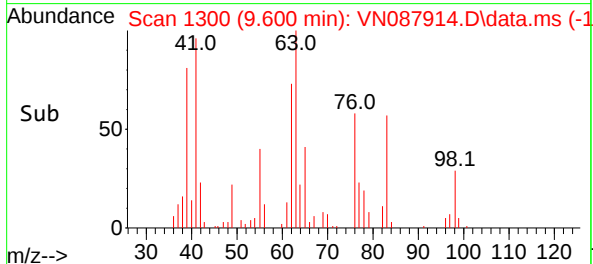
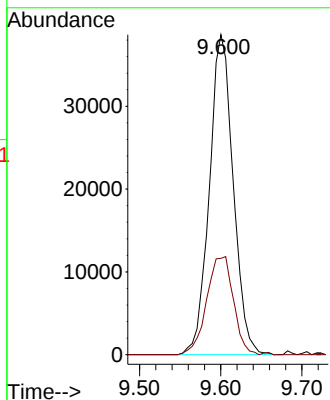
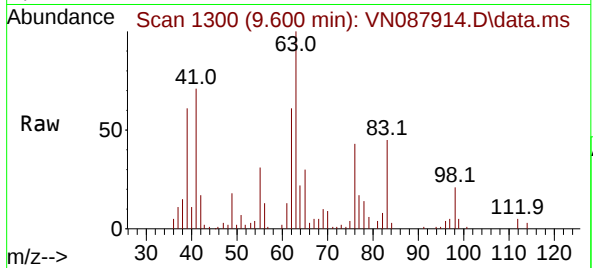
#39
1,2-Dichloropropane
Concen: 21.653 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tgt Ion: 63 Resp: 7884
Ion Ratio Lower Upper
63 100
65 30.1 24.1 36.1

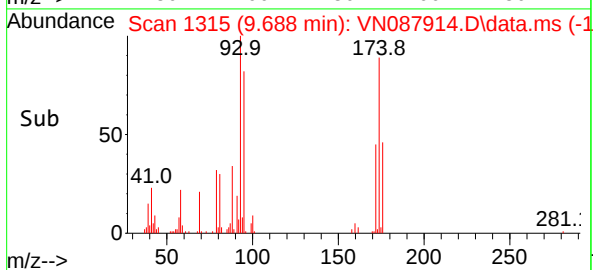
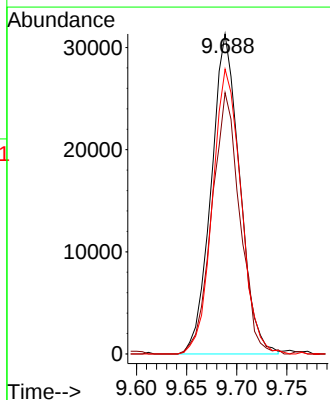
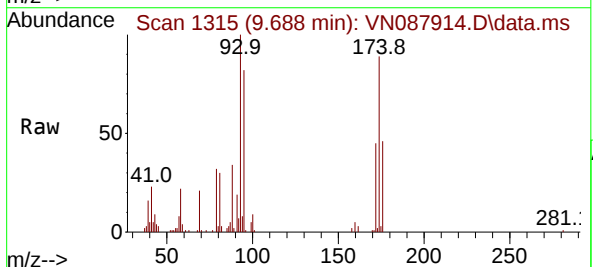
Manual Integrations
APPROVED

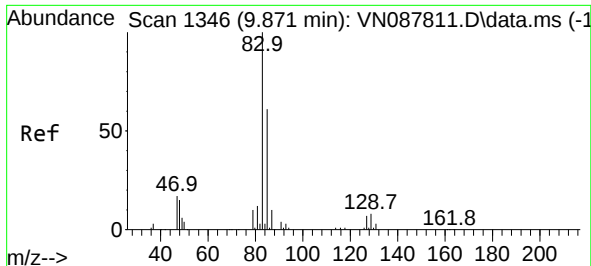
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#40
Dibromomethane
Concen: 22.877 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 93 Resp: 61989
Ion Ratio Lower Upper
93 100
95 80.2 0.0 168.4
174 88.9 0.0 162.8





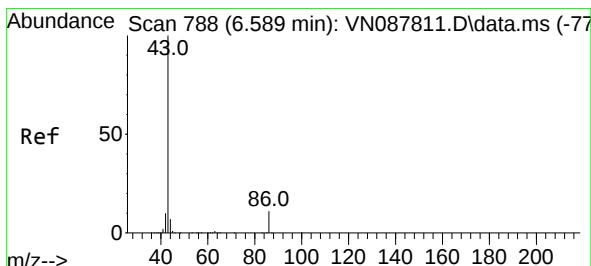
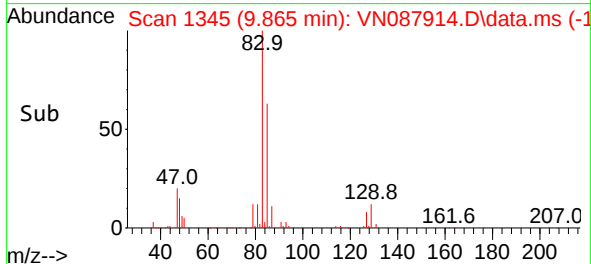
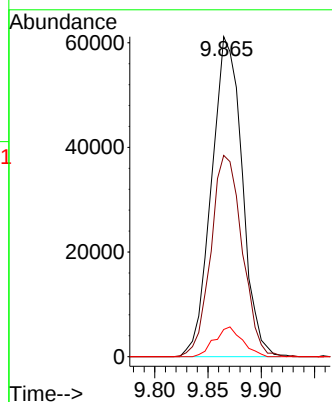
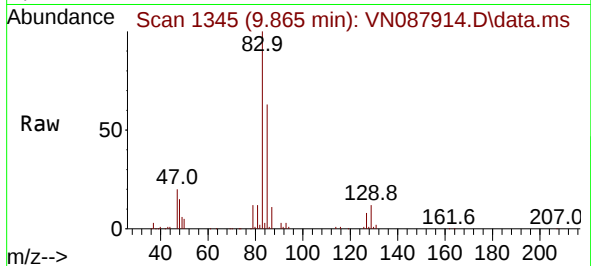
#41
Bromodichloromethane
Concen: 22.045 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tgt Ion: 83 Resp: 12209
Ion Ratio Lower Upper
83 100
85 62.6 47.3 70.9
127 8.5 5.2 7.8

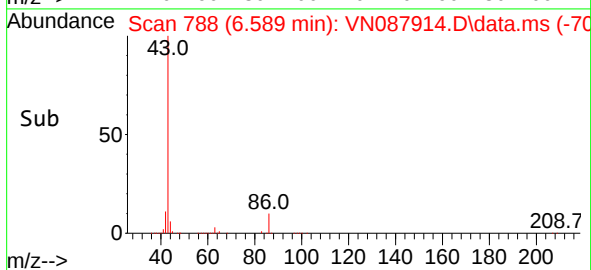
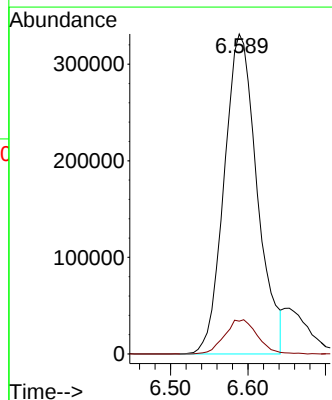
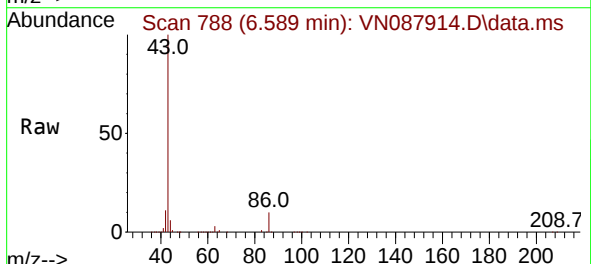
Manual Integrations
APPROVED

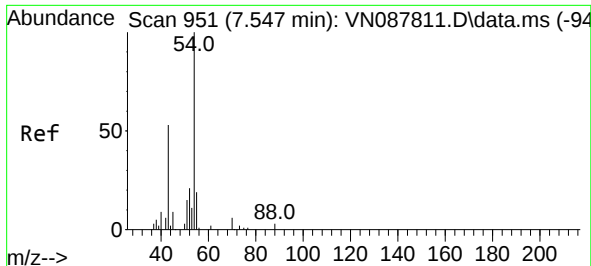
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#42
Vinyl Acetate
Concen: 96.894 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

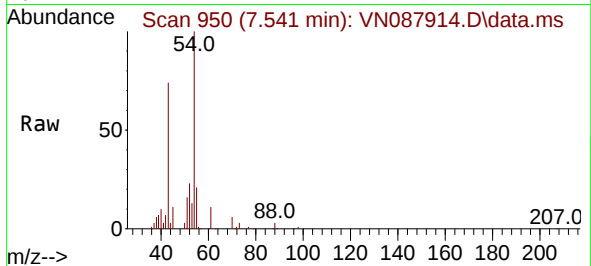
Tgt Ion: 43 Resp: 980964
Ion Ratio Lower Upper
43 100
86 10.6 7.7 11.5





#43
Ethyl Acetate
Concen: 21.020 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

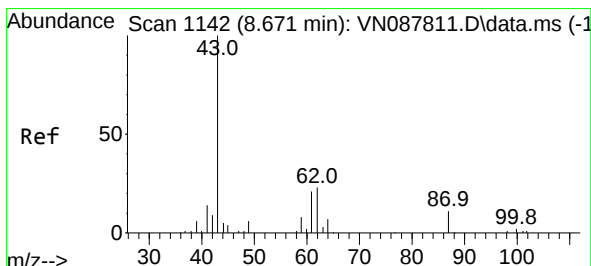
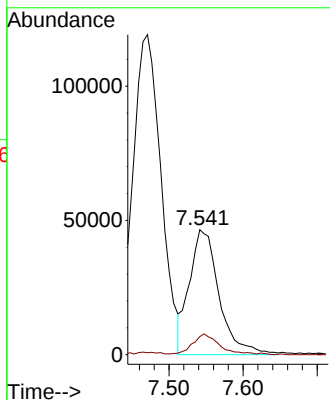
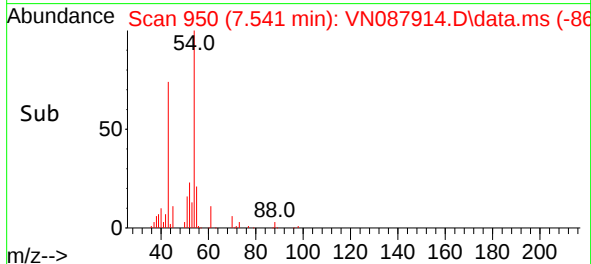
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



Tgt Ion: 43 Resp: 13013
Ion Ratio Lower Upper
43 100
45 14.8 10.5 15.7

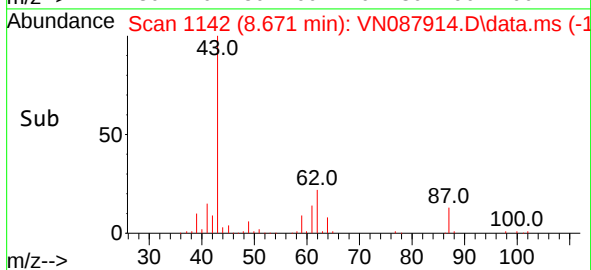
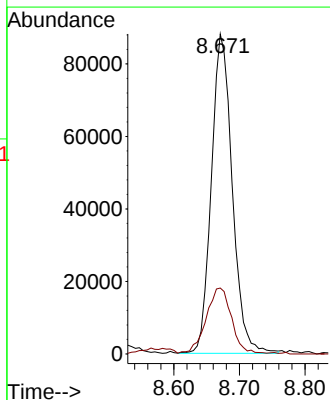
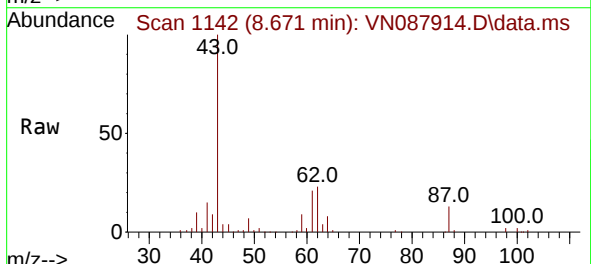
Manual Integrations
APPROVED

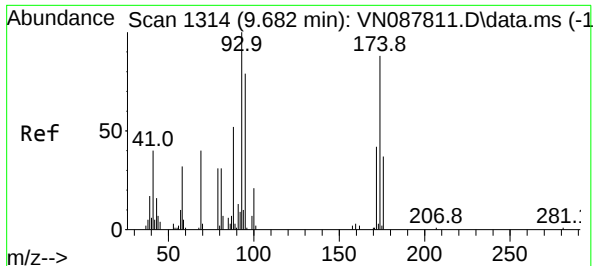
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#44
Isopropyl Acetate
Concen: 20.072 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

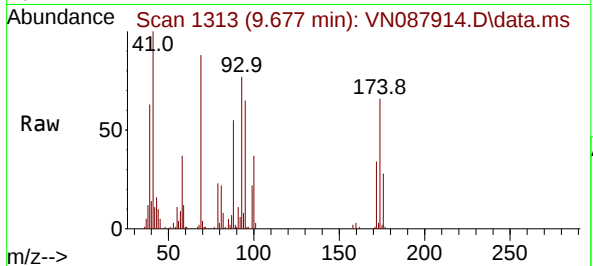
Tgt Ion: 43 Resp: 194806
Ion Ratio Lower Upper
43 100
61 24.9 19.5 29.3





#45
1,4-Dioxane
Concen: 470.232 ug/l
RT: 9.677 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

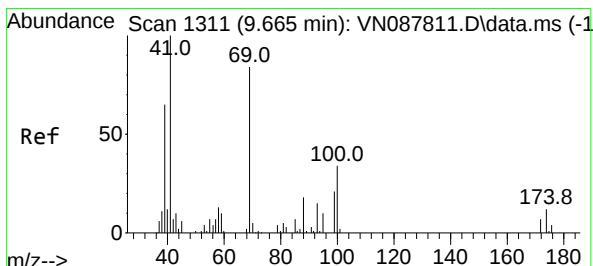
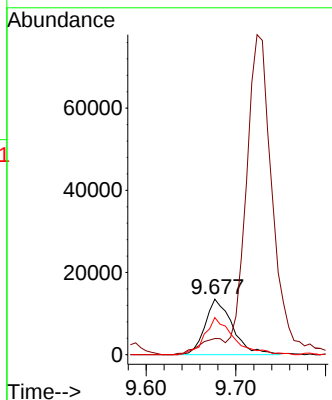
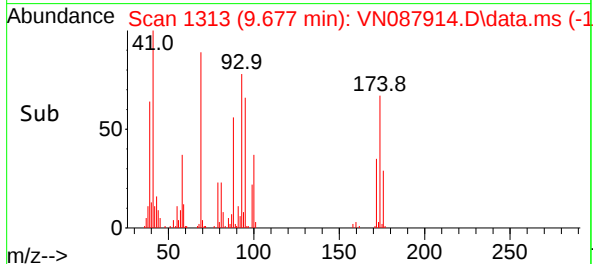
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



Tgt Ion: 88 Resp: 28780
Ion Ratio Lower Upper
88 100
43 28.0 23.6 35.4
58 66.0 60.5 90.7

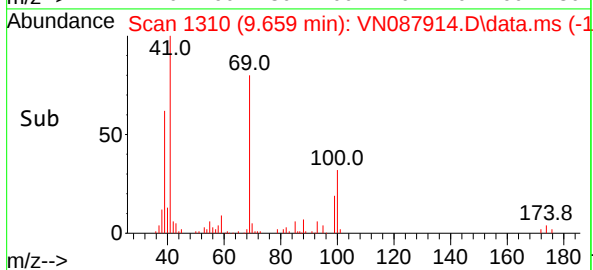
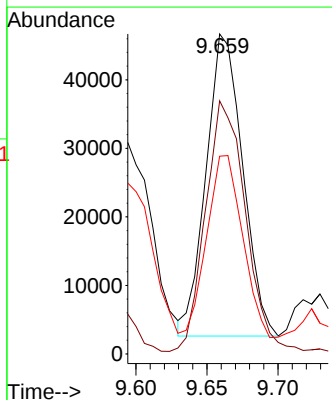
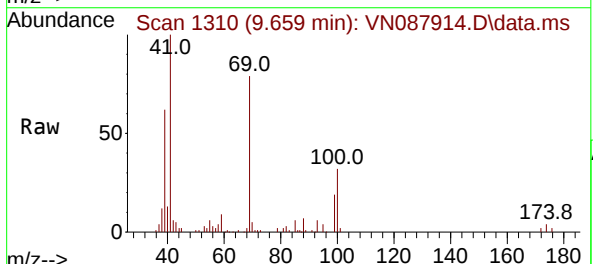
Manual Integrations
APPROVED

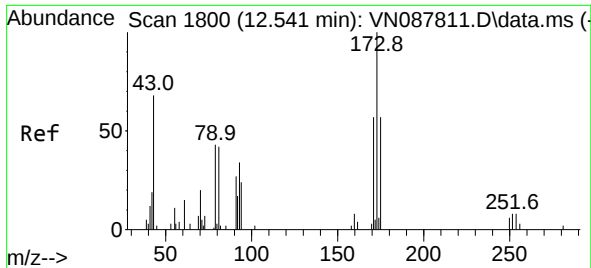
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#46
Methyl methacrylate
Concen: 17.678 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

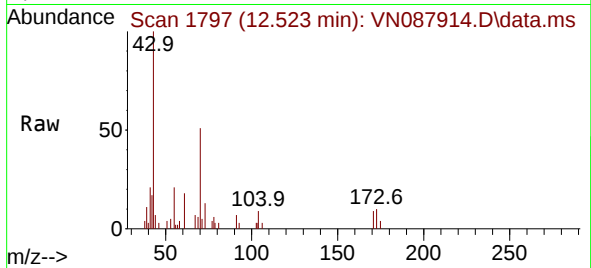
Tgt Ion: 41 Resp: 79081
Ion Ratio Lower Upper
41 100
69 81.9 40.3 120.9
39 59.9 31.9 95.9





#47
n-amyl acetate
Concen: 19.035 ug/l m
RT: 12.523 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

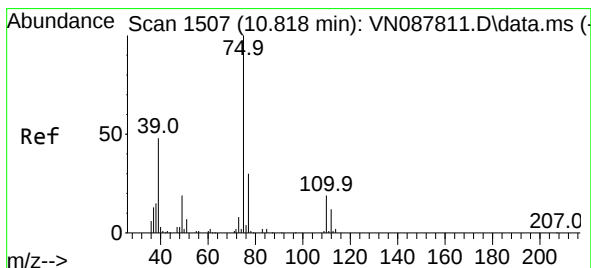
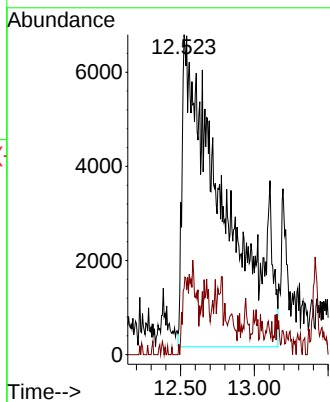
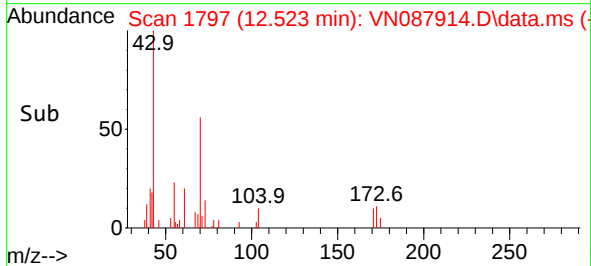
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



Tgt Ion: 43 Resp: 124840
Ion Ratio Lower Upper
43 100
55 0.3 0.7 1.1

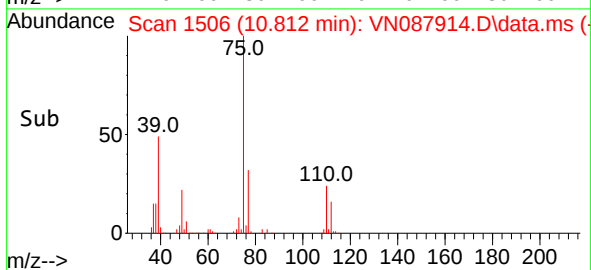
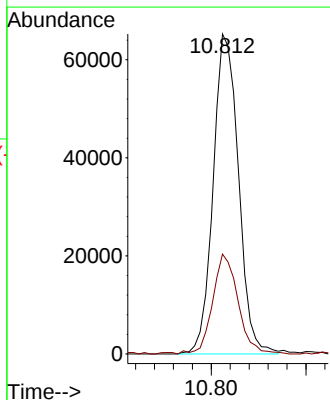
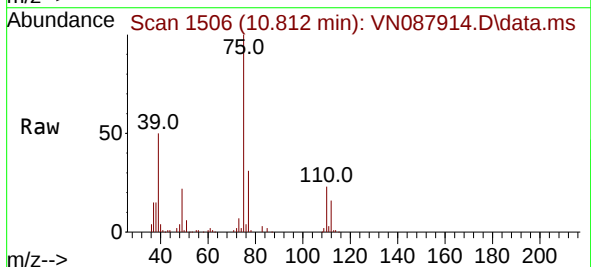
Manual Integrations
APPROVED

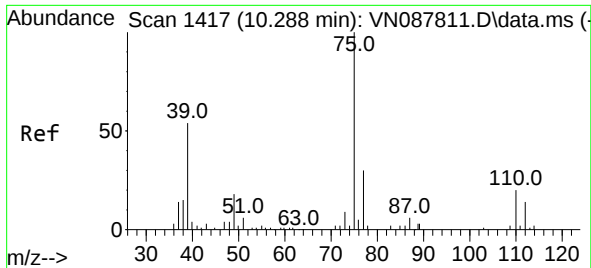
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#48
t-1,3-Dichloropropene
Concen: 21.063 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. -0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

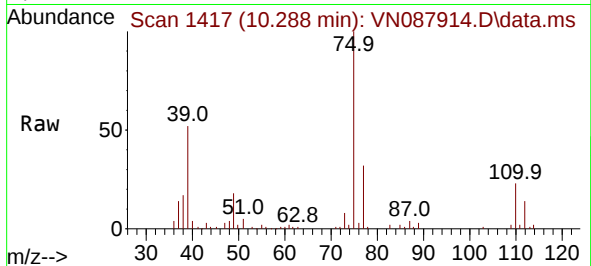
Tgt Ion: 75 Resp: 121154
Ion Ratio Lower Upper
75 100
77 31.2 24.7 37.1





#49
 cis-1,3-Dichloropropene
 Concen: 21.253 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VN087914.D
 Acq: 22 Sep 2025 11:30

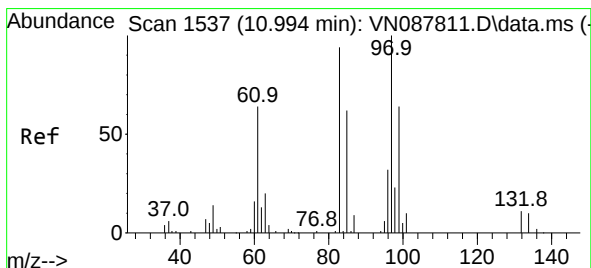
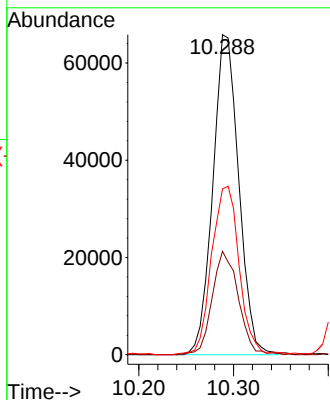
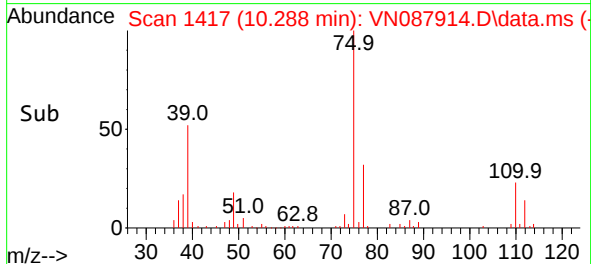
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01



Tgt Ion: 75 Resp: 125210
 Ion Ratio Lower Upper
 75 100
 77 32.3 27.8 41.6
 39 51.4 47.6 71.4

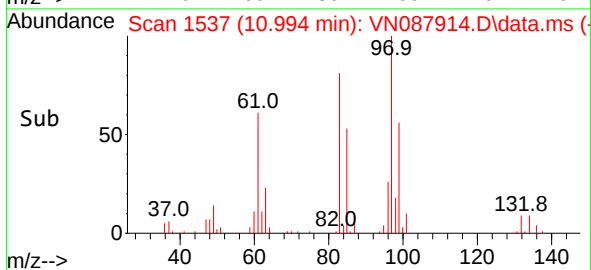
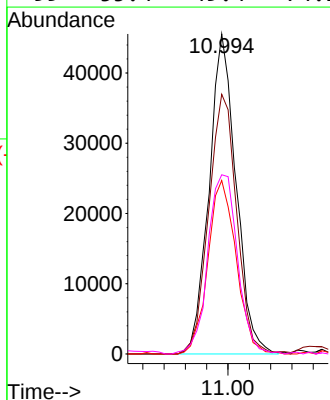
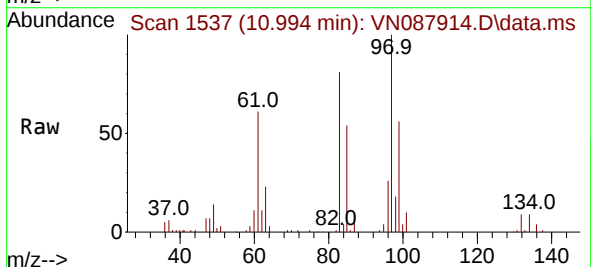
Manual Integrations
 APPROVED

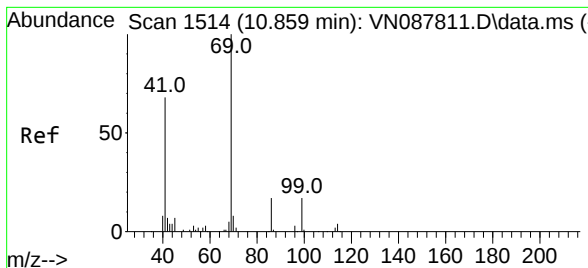
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025



#50
 1,1,2-Trichloroethane
 Concen: 22.869 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087914.D
 Acq: 22 Sep 2025 11:30

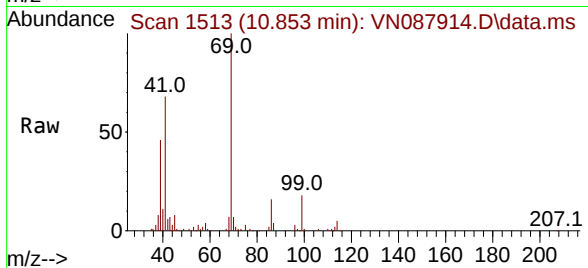
Tgt Ion: 97 Resp: 80034
 Ion Ratio Lower Upper
 97 100
 83 81.2 70.5 105.7
 85 54.2 46.3 69.5
 99 55.4 49.4 74.2





#51
Ethyl methacrylate
Concen: 20.512 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

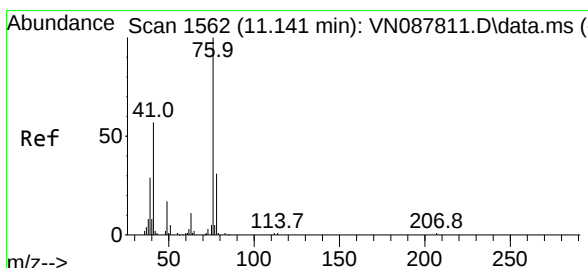
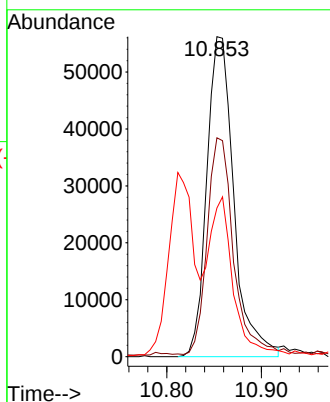
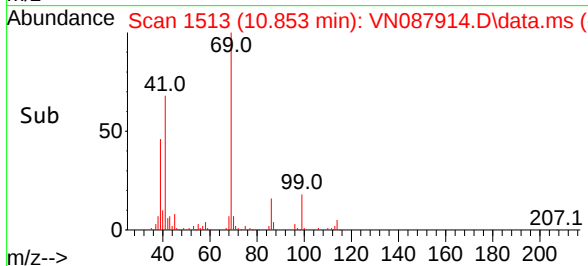
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



Tgt Ion: 69 Resp: 111720
Ion Ratio Lower Upper
69 100
41 67.3 33.7 101.0
39 44.5 20.3 60.9

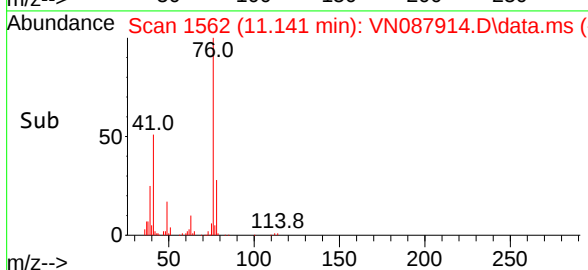
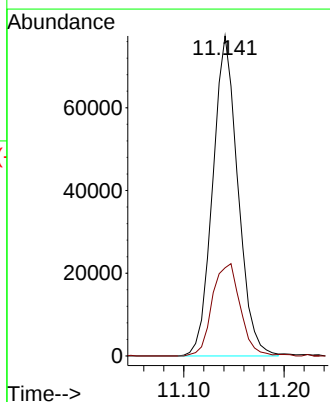
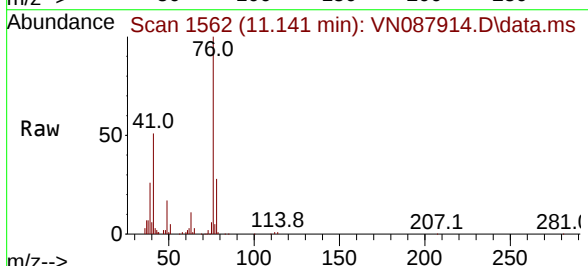
Manual Integrations
APPROVED

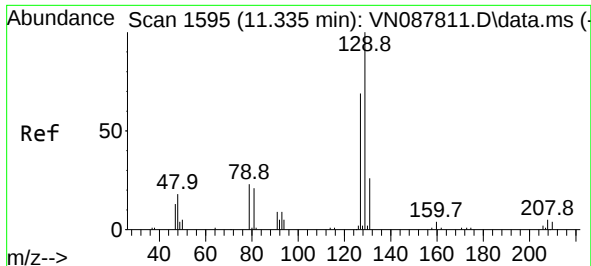
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#52
1,3-Dichloropropane
Concen: 22.211 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

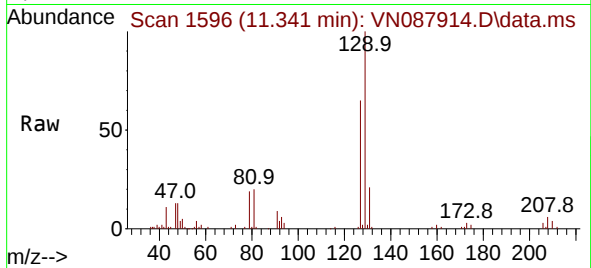
Tgt Ion: 76 Resp: 134979
Ion Ratio Lower Upper
76 100
78 31.9 0.0 65.2





#53
Dibromochloromethane
Concen: 24.680 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

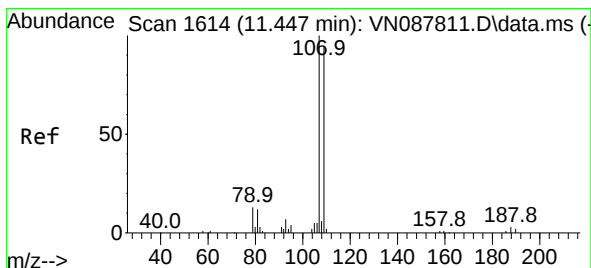
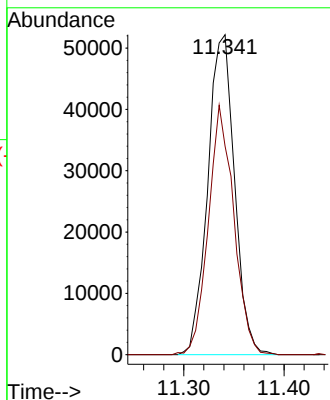
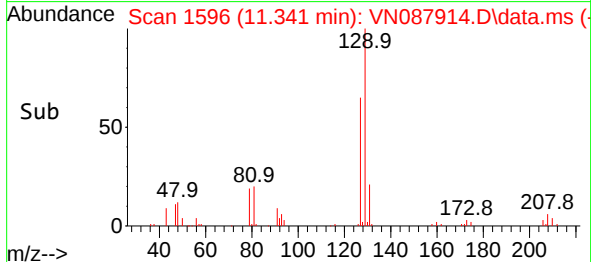
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



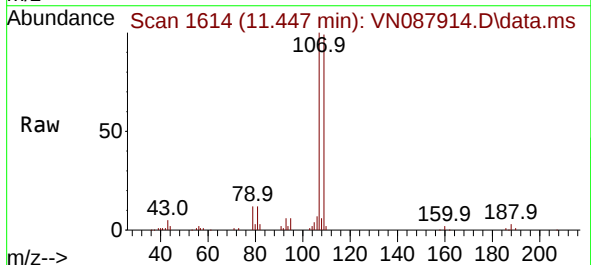
Tgt Ion:129 Resp: 96844
Ion Ratio Lower Upper
129 100
127 74.1 42.6 128.0

Manual Integrations
APPROVED

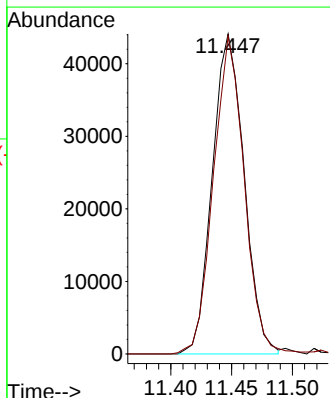
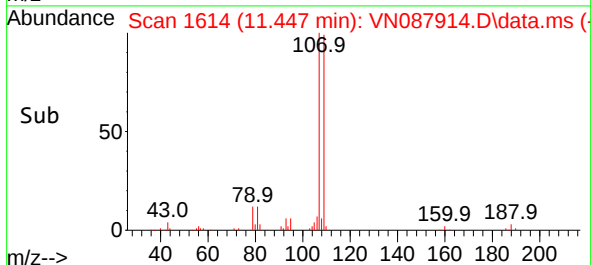
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

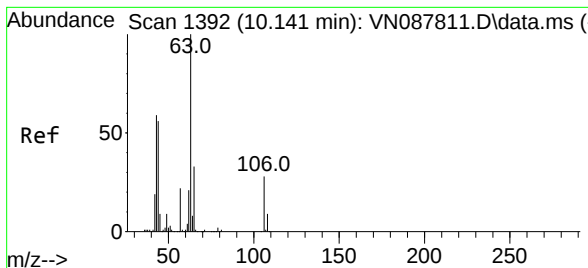


#54
1,2-Dibromoethane
Concen: 22.024 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30



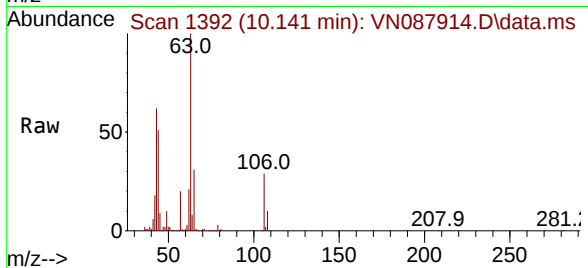
Tgt Ion:107 Resp: 80201
Ion Ratio Lower Upper
107 100
109 96.2 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 91.377 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

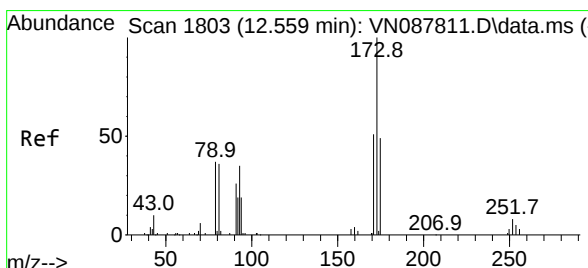
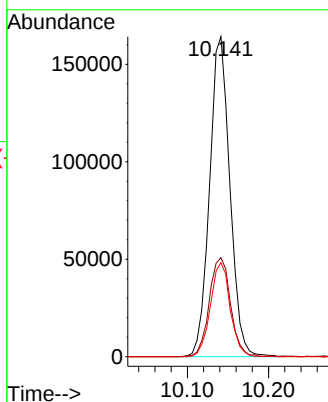
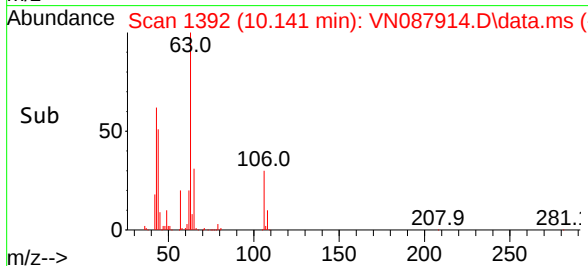
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



Tgt Ion: 63 Resp: 28515
Ion Ratio Lower Upper
63 100
65 32.4 26.6 40.0
106 28.6 21.1 31.7

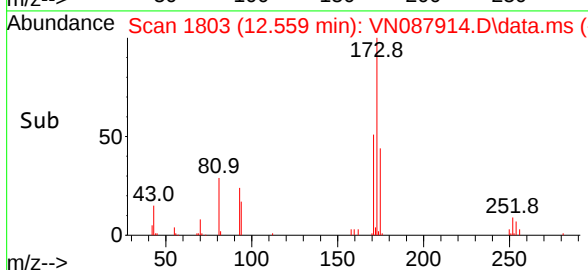
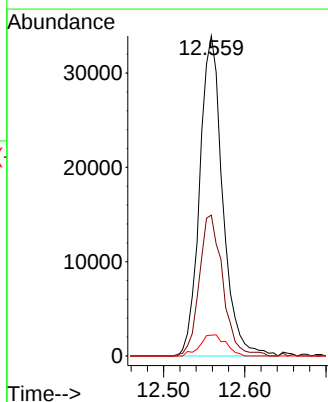
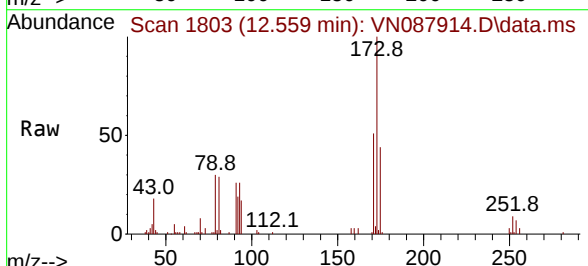
Manual Integrations
APPROVED

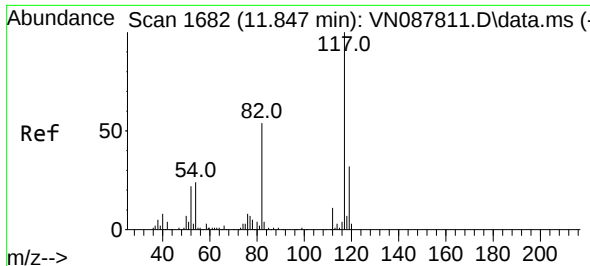
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#56
Bromoform
Concen: 26.054 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

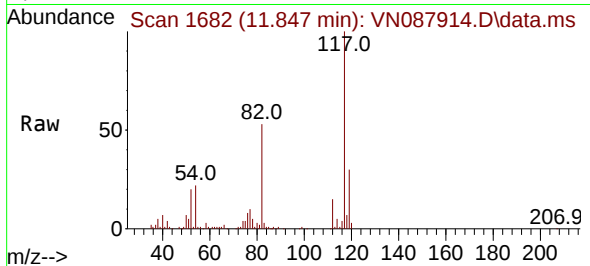
Tgt Ion:173 Resp: 66765
Ion Ratio Lower Upper
173 100
175 44.7 39.8 59.6
254 7.4 6.2 9.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

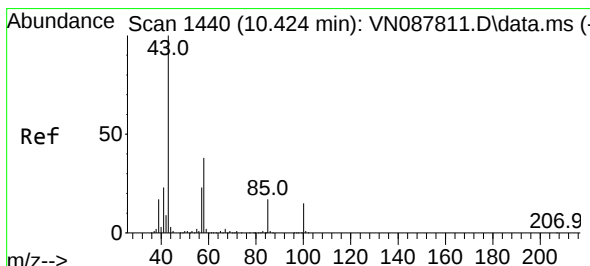
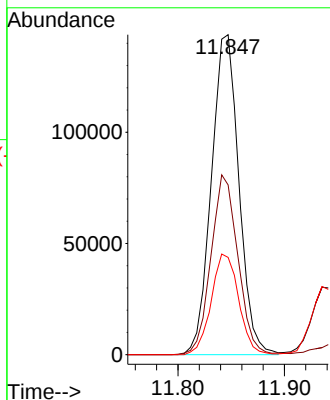
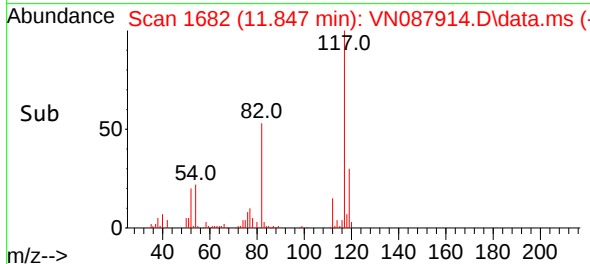
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



Tgt Ion: 117 Resp: 258144
Ion Ratio Lower Upper
117 100
82 54.9 45.9 68.9
119 31.4 25.3 37.9

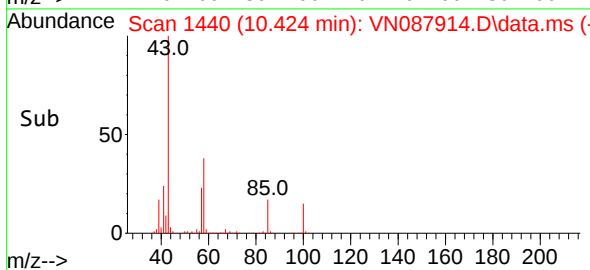
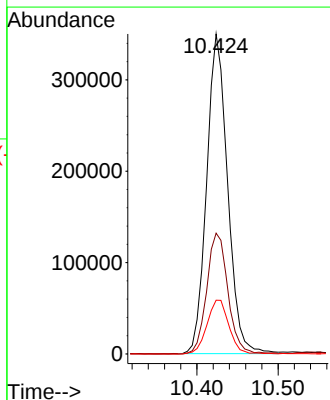
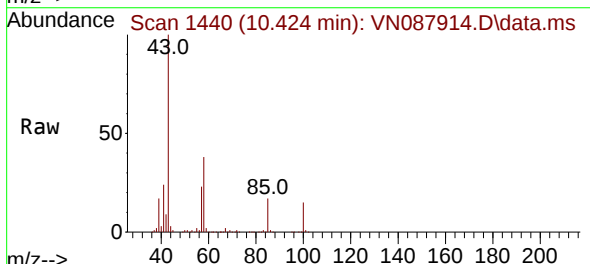
Manual Integrations
APPROVED

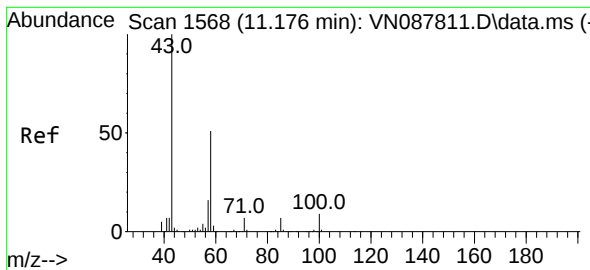
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#58
4-Methyl-2-Pentanone
Concen: 102.670 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

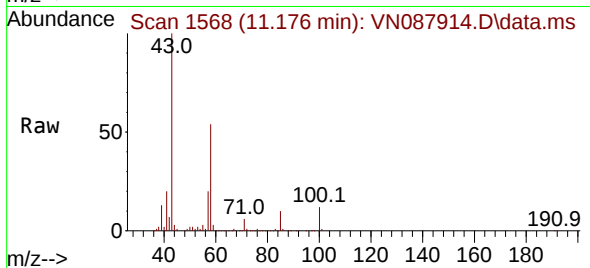
Tgt Ion: 43 Resp: 626676
Ion Ratio Lower Upper
43 100
58 38.0 29.6 44.4
85 17.4 13.0 19.4





#59
2-Hexanone
Concen: 102.968 ug/l
RT: 11.176 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

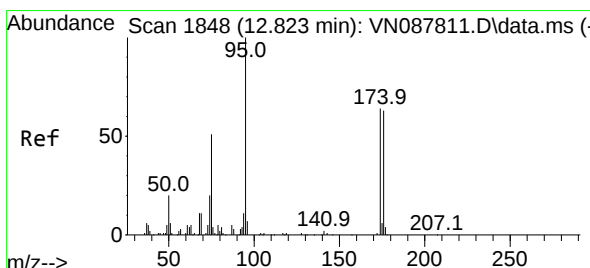
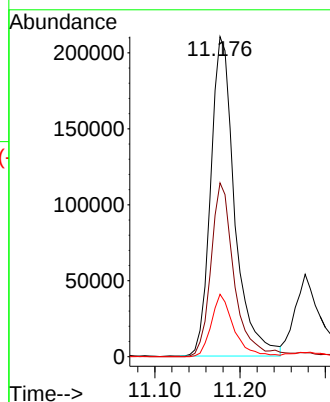
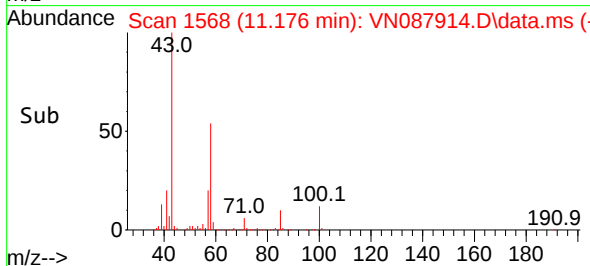
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



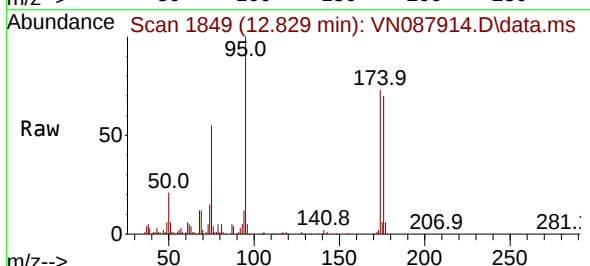
Tgt Ion: 43 Resp: 410684
Ion Ratio Lower Upper
43 100
58 51.5 40.2 60.4
57 18.4 13.7 20.5

Manual Integrations
APPROVED

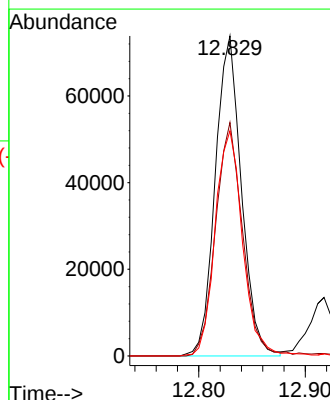
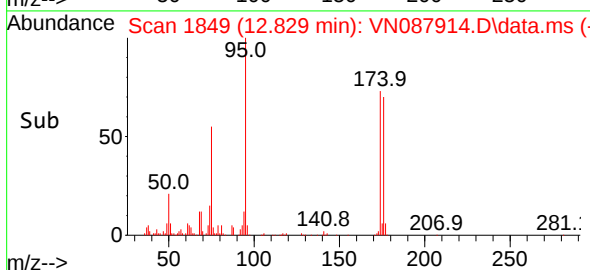
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

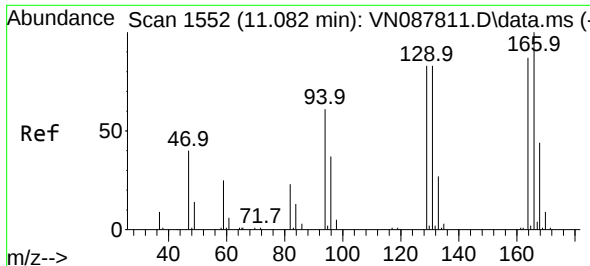


#60
4-Bromofluorobenzene
Concen: 30.361 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30



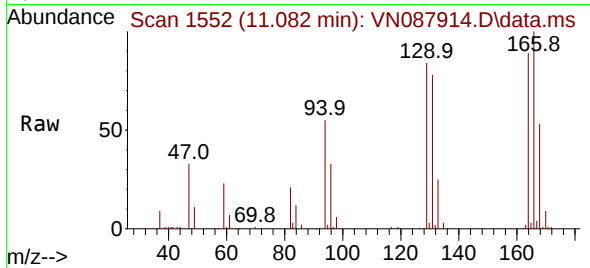
Tgt Ion: 95 Resp: 126020
Ion Ratio Lower Upper
95 100
174 74.7 55.4 83.0
176 73.1 51.5 77.3





#61
Tetrachloroethene
Concen: 24.347 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

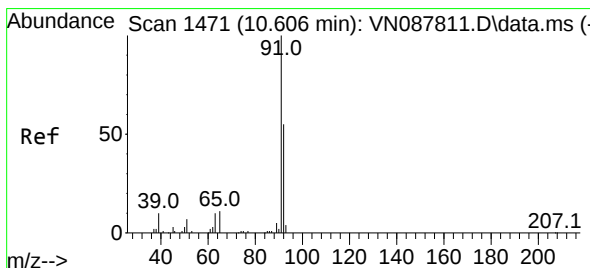
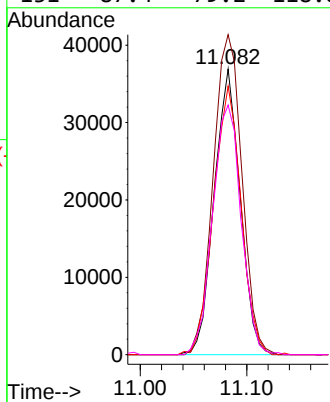
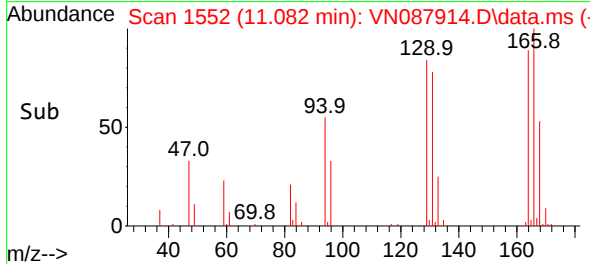
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



Tgt Ion:164 Resp: 6257
Ion Ratio Lower Upper
164 100
166 112.0 97.3 145.9
129 94.0 78.6 117.8
131 87.4 79.2 118.8

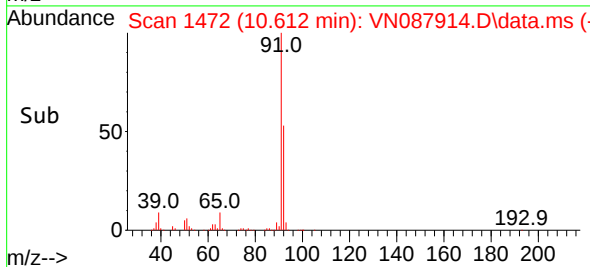
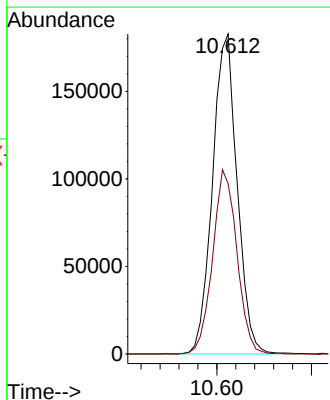
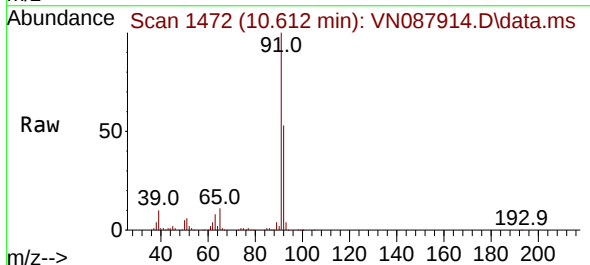
Manual Integrations
APPROVED

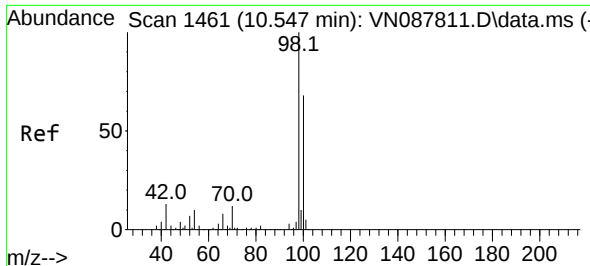
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#62
Toluene
Concen: 21.116 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

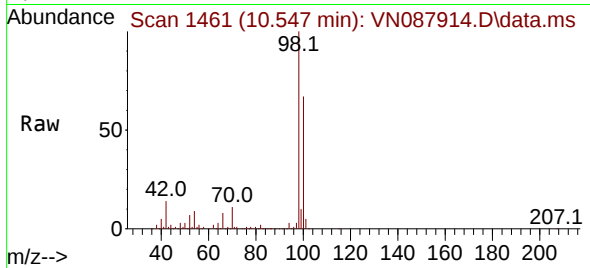
Tgt Ion: 91 Resp: 329717
Ion Ratio Lower Upper
91 100
92 56.9 45.4 68.0





#63
Toluene-d8
Concen: 28.794 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

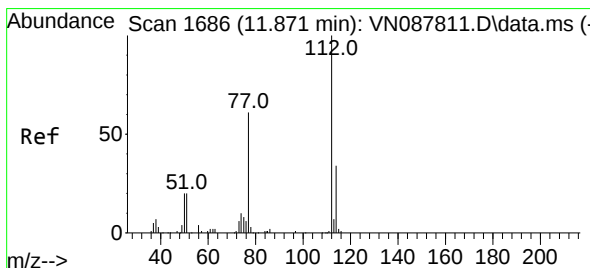
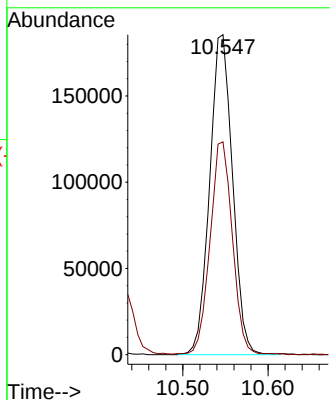
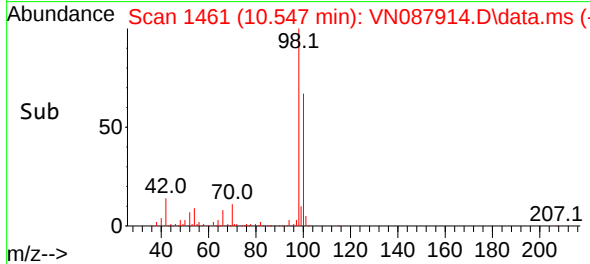
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



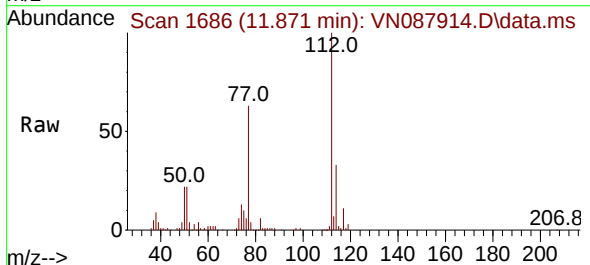
Tgt Ion: 98 Resp: 34567
Ion Ratio Lower Upper
98 100
100 64.9 50.6 76.0

Manual Integrations
APPROVED

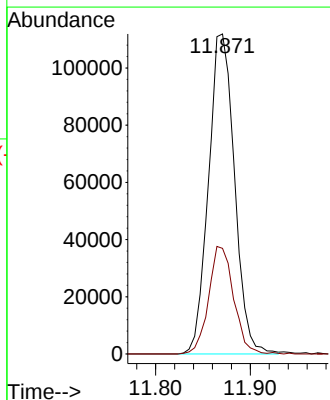
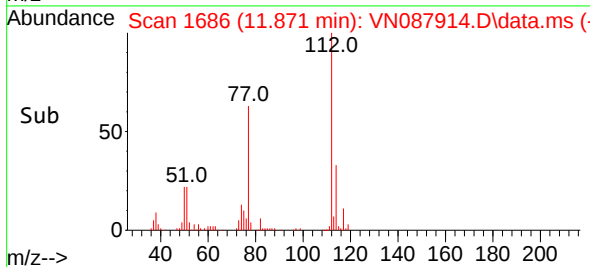
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

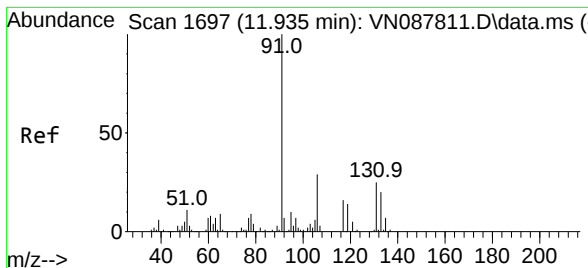


#64
Chlorobenzene
Concen: 22.297 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30



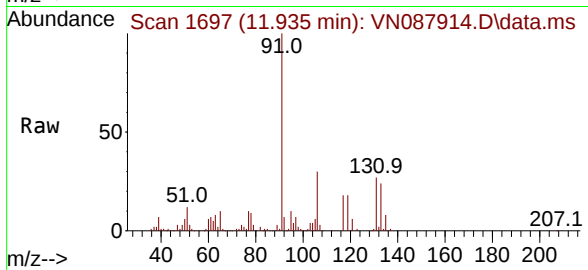
Tgt Ion:112 Resp: 213687
Ion Ratio Lower Upper
112 100
114 33.0 23.5 35.3





#65
1,1,1,2-Tetrachloroethane
Concen: 23.235 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

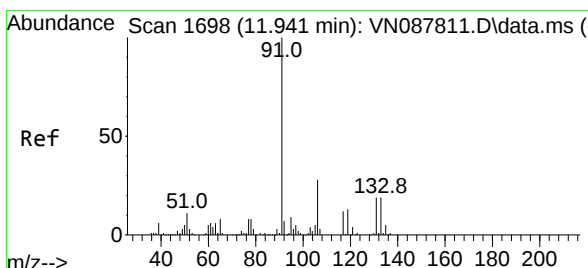
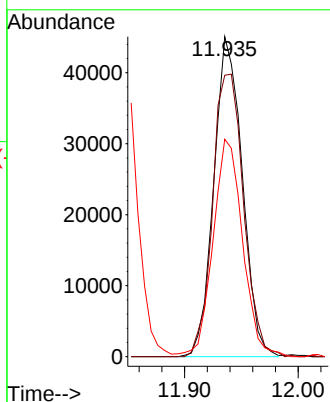
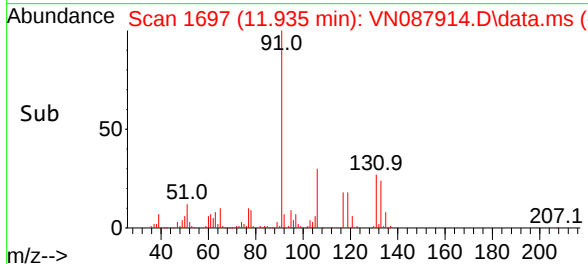
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



Tgt Ion:131 Resp: 7839
Ion Ratio Lower Upper
131 100
133 96.0 0.0 195.8
119 70.8 0.0 139.0

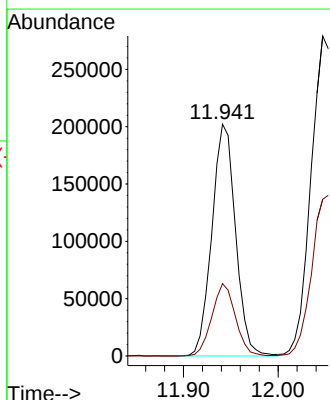
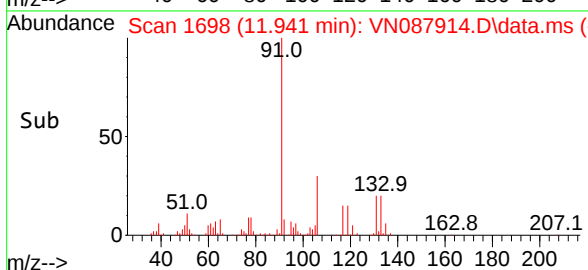
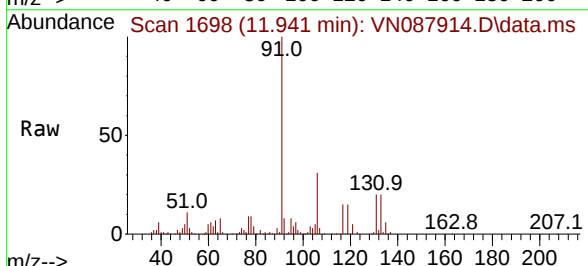
Manual Integrations
APPROVED

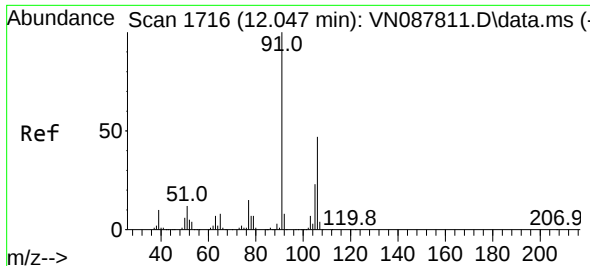
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#66
Ethyl Benzene
Concen: 20.849 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 91 Resp: 351208
Ion Ratio Lower Upper
91 100
106 31.2 21.3 31.9





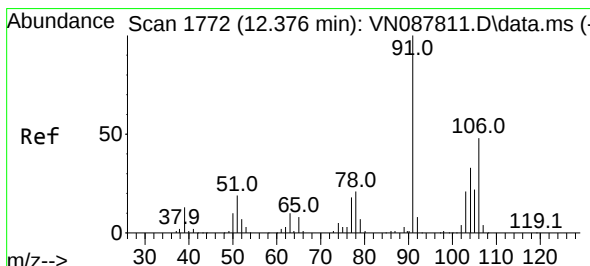
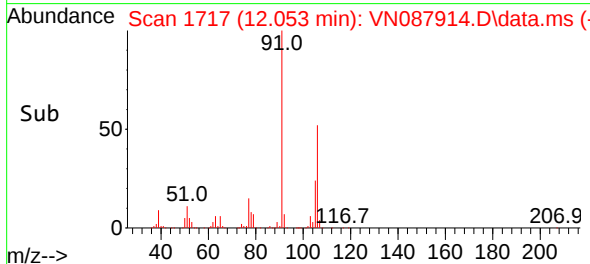
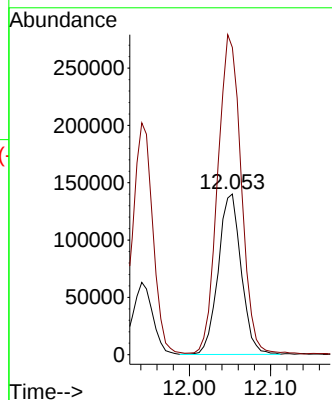
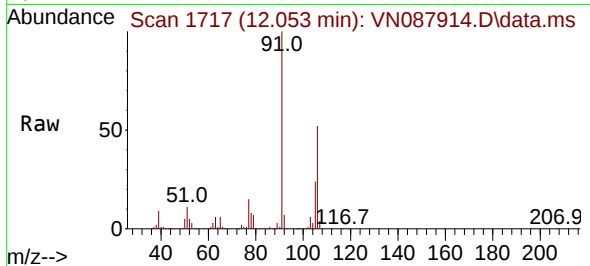
#67
m/p-Xylenes
Concen: 44.043 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tgt Ion:106 Resp: 275408
Ion Ratio Lower Upper
106 100
91 201.6 174.3 261.5

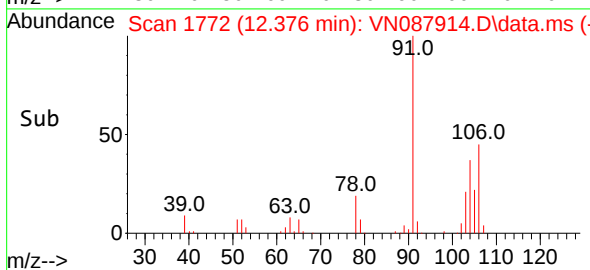
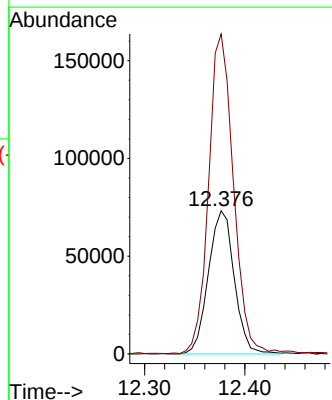
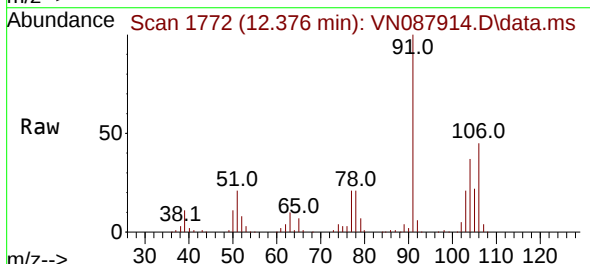
Manual Integrations
APPROVED

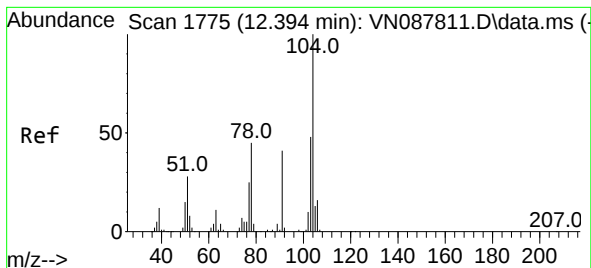
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#68
o-Xylene
Concen: 21.658 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Tgt Ion:106 Resp: 131311
Ion Ratio Lower Upper
106 100
91 212.7 107.7 323.3





#69

Styrene

Concen: 21.400 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VN087914.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

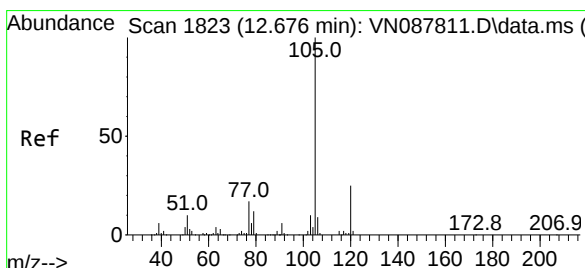
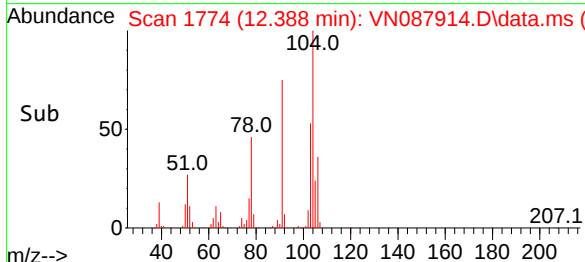
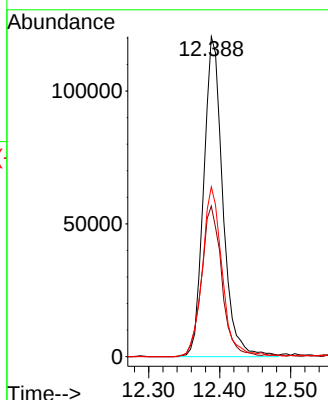
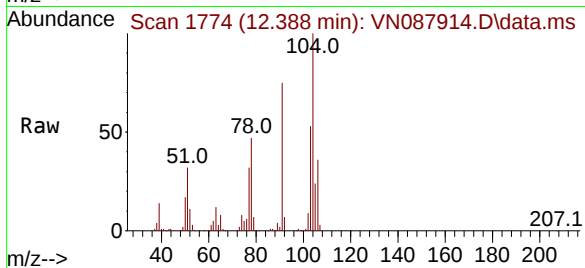
Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	41.0	61.6
103	54.8	44.6	66.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#70

Isopropylbenzene

Concen: 22.316 ug/l

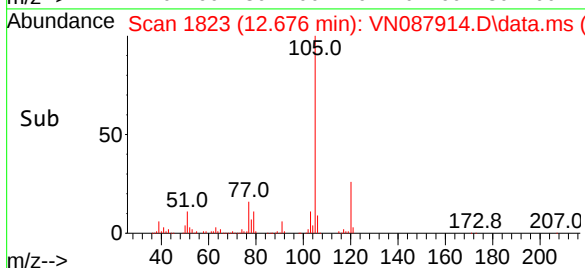
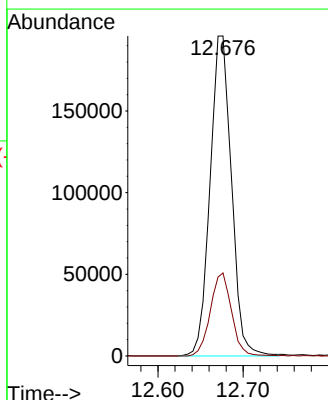
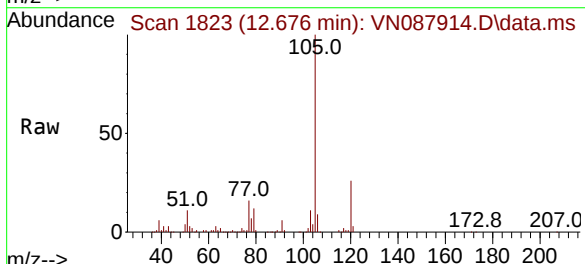
RT: 12.676 min Scan# 1823

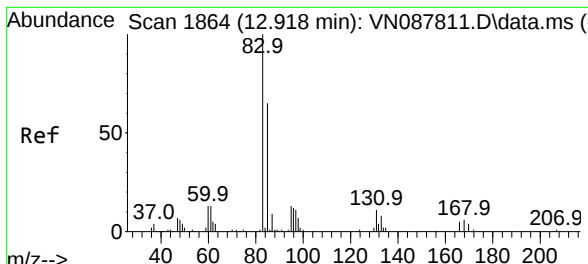
Delta R.T. -0.000 min

Lab File: VN087914.D

Acq: 22 Sep 2025 11:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.6	17.4	32.4





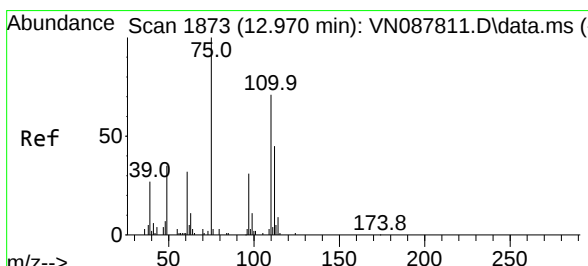
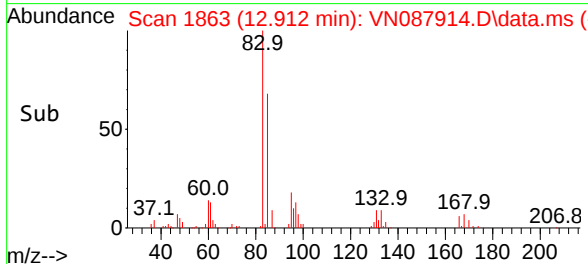
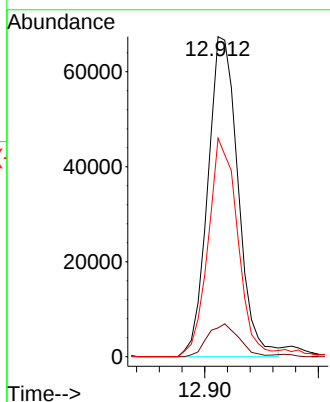
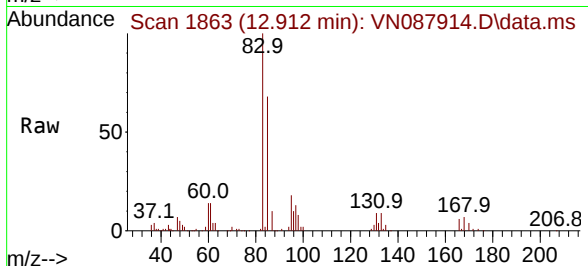
#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.552 ug/l
 RT: 12.912 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: VN087914.D
 Acq: 22 Sep 2025 11:30

Instrument : MSVOA_N
 ClientSampleId : VN0922WBSD01

Tgt Ion:	83	Resp:	124639
Ion Ratio	Lower	Upper	
83	100		
131	10.6	4.8	14.3
85	66.4	31.9	95.7

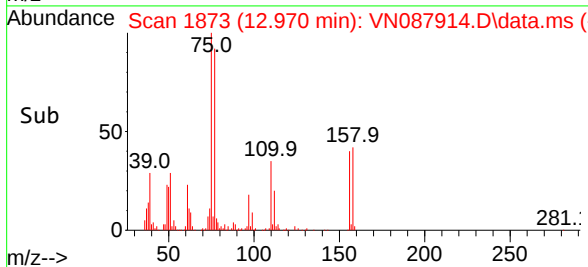
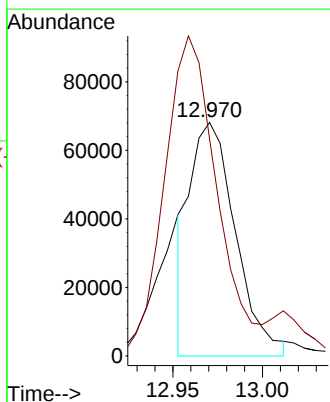
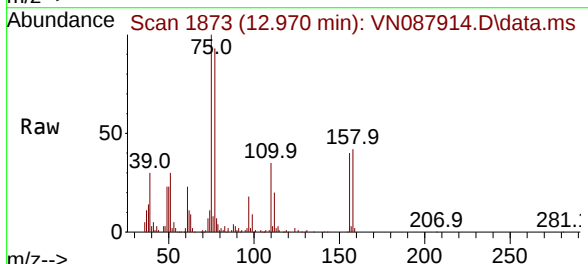
Manual Integrations
 APPROVED

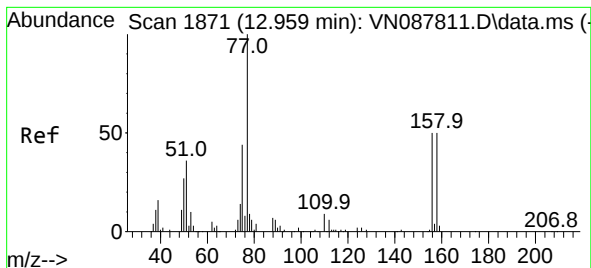
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025



#72
 1,2,3-Trichloropropane
 Concen: 22.258 ug/l m
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087914.D
 Acq: 22 Sep 2025 11:30

Tgt Ion:	75	Resp:	120785
Ion Ratio	Lower	Upper	
75	100		
77	157.7	0.0	378.8





#73

Bromobenzene

Concen: 23.662 ug/l

RT: 12.959 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087914.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

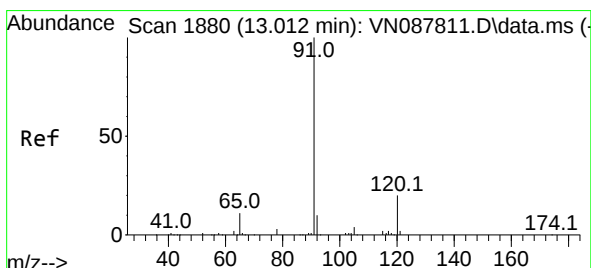
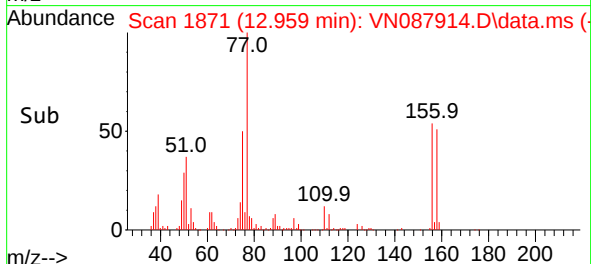
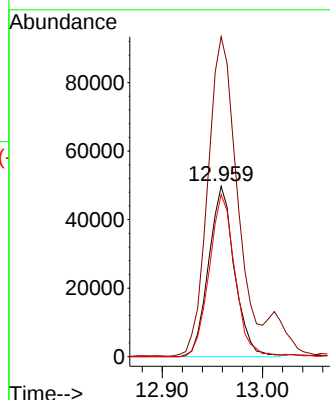
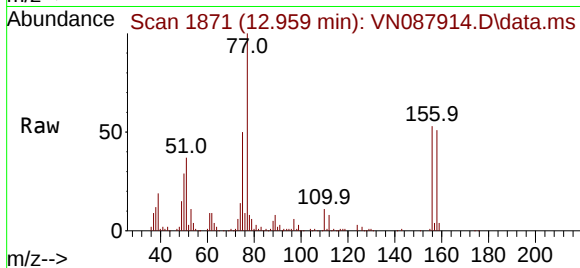
Tgt Ion:	156	Resp:	8899
Ion Ratio	Lower	Upper	
156	100		
77	214.0	0.0	484.2
158	94.0	0.0	186.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#74

n-propylbenzene

Concen: 22.276 ug/l

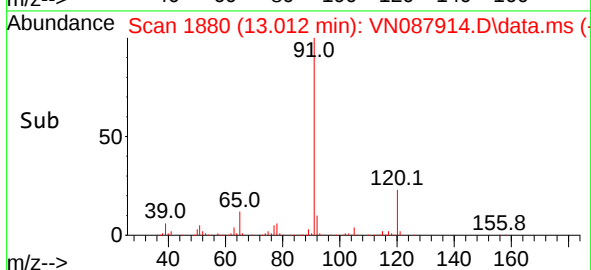
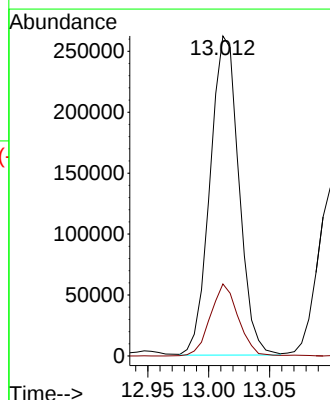
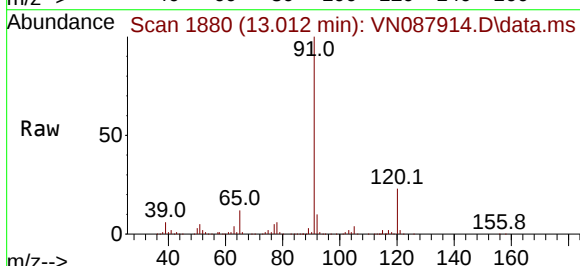
RT: 13.012 min Scan# 1880

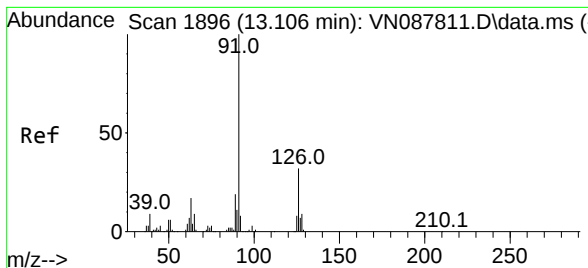
Delta R.T. -0.000 min

Lab File: VN087914.D

Acq: 22 Sep 2025 11:30

Tgt Ion:	91	Resp:	432094
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	42.2





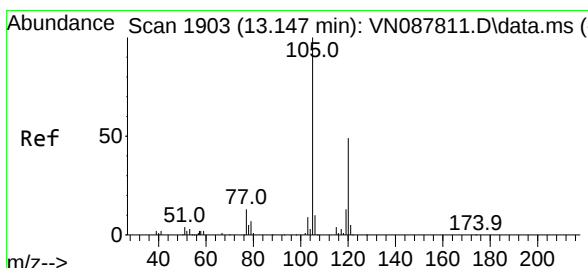
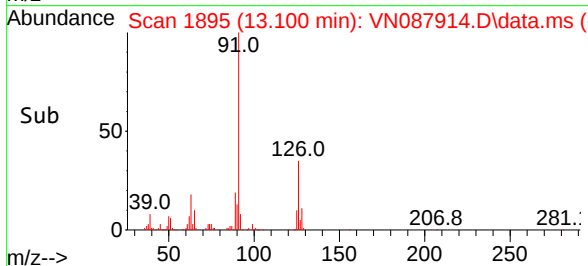
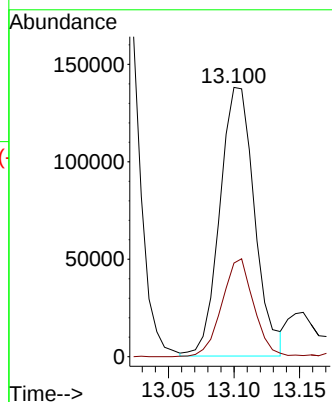
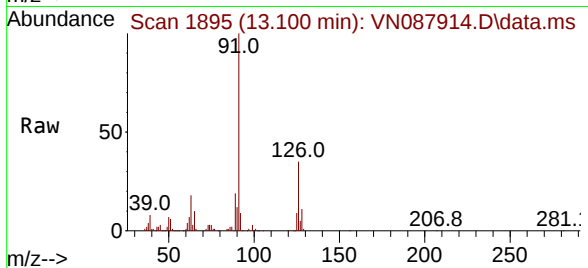
#75
2-Chlorotoluene
Concen: 21.796 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tgt Ion: 91 Resp: 25446
Ion Ratio Lower Upper
91 100
126 33.3 0.0 60.4

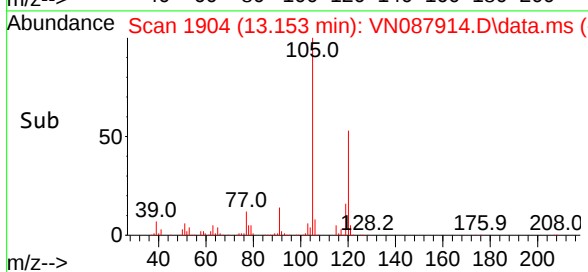
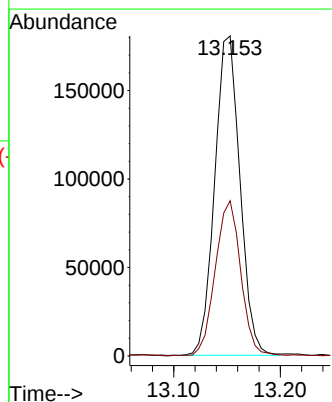
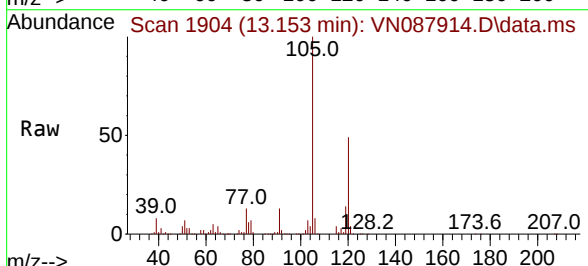
Manual Integrations
APPROVED

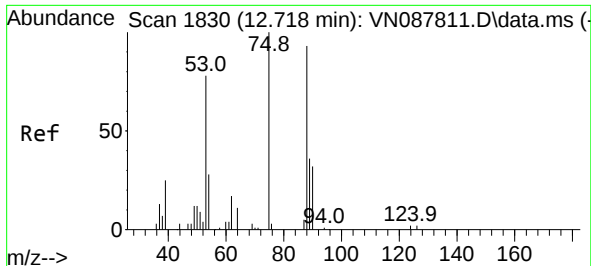
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 22.879 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Tgt Ion:105 Resp: 297018
Ion Ratio Lower Upper
105 100
120 49.1 0.0 92.6





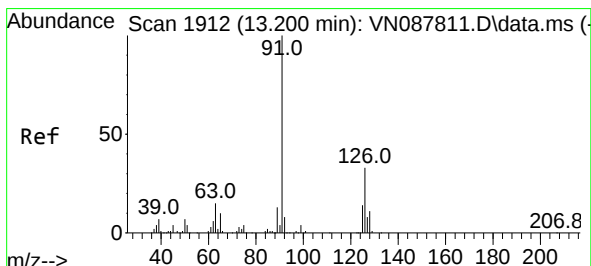
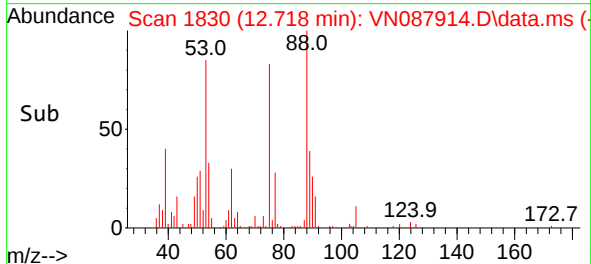
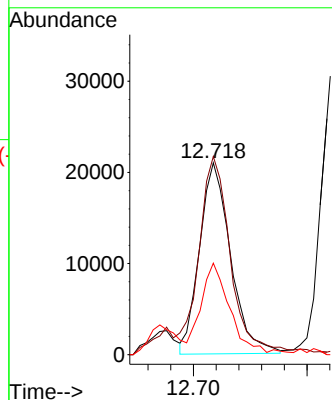
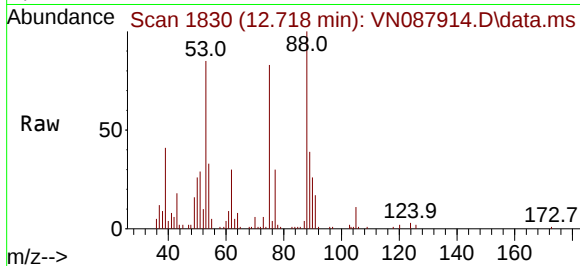
#77
t-1,4-Dichloro-2-butene
Concen: 21.745 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

Tgt Ion: 75 Resp: 39828
Ion Ratio Lower Upper
75 100
53 101.6 45.3 135.9
89 46.9 18.8 56.3

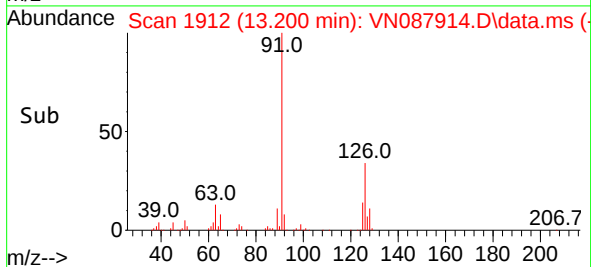
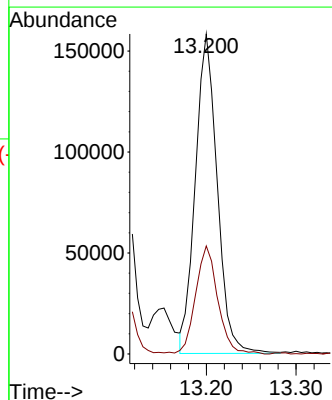
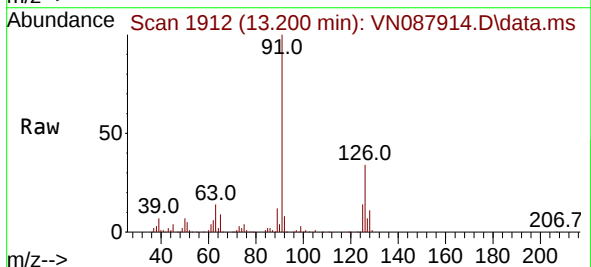
Manual Integrations
APPROVED

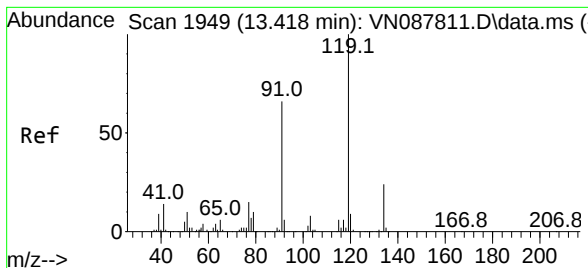
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#78
4-Chlorotoluene
Concen: 22.731 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

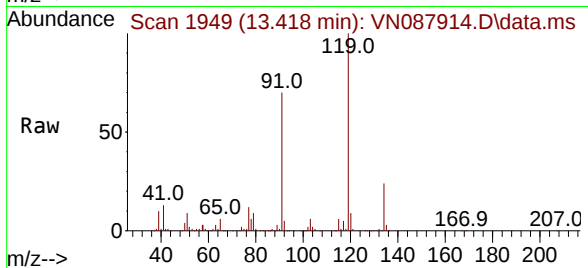
Tgt Ion: 91 Resp: 267530
Ion Ratio Lower Upper
91 100
126 34.2 0.0 67.0





#79
tert-butylbenzene
Concen: 23.797 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

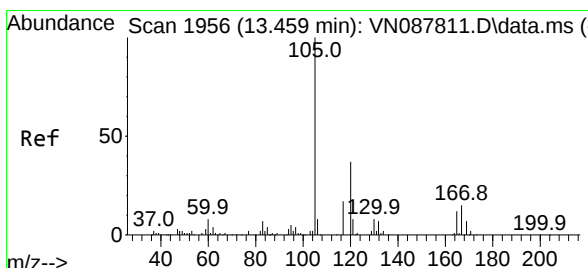
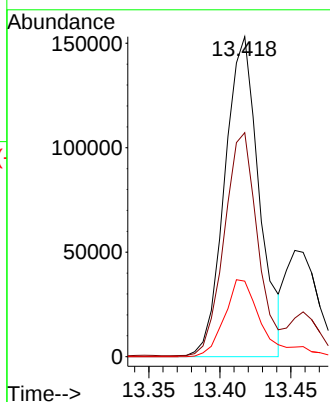
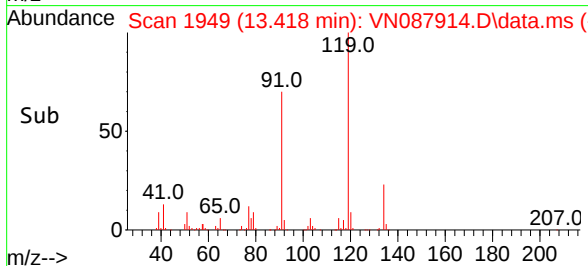
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



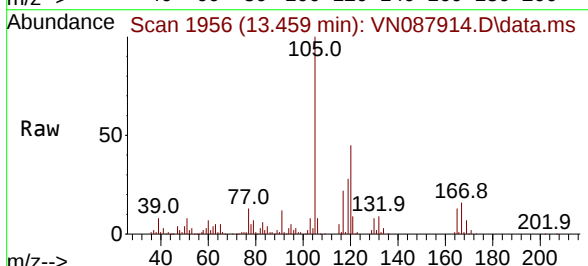
Tgt Ion:119 Resp: 258728
Ion Ratio Lower Upper
119 100
91 67.2 0.0 142.6
134 24.3 0.0 47.2

Manual Integrations
APPROVED

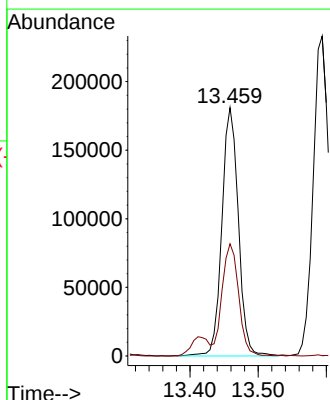
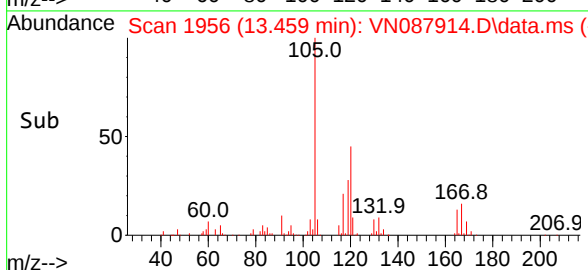
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

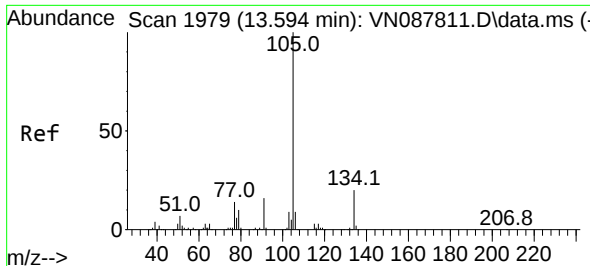


#80
1,2,4-Trimethylbenzene
Concen: 22.878 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30



Tgt Ion:105 Resp: 304501
Ion Ratio Lower Upper
105 100
120 45.5 0.0 86.6





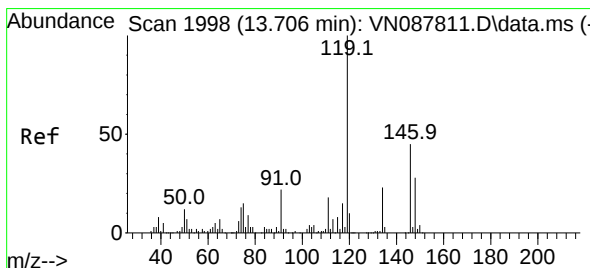
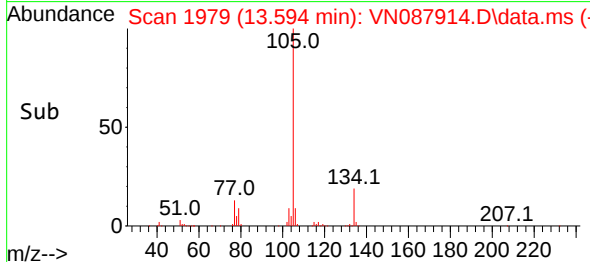
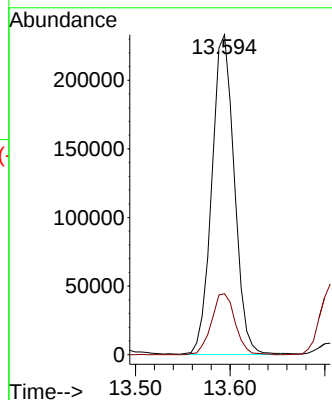
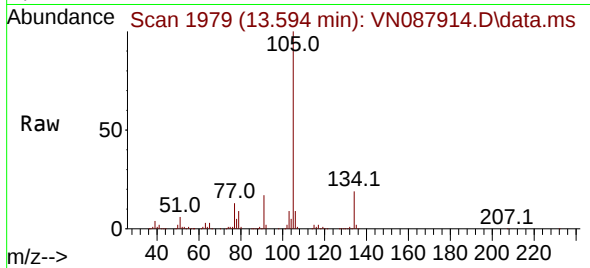
#81
 sec-Butylbenzene
 Concen: 24.058 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087914.D
 Acq: 22 Sep 2025 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

Tgt Ion:105 Resp: 384724
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 37.0

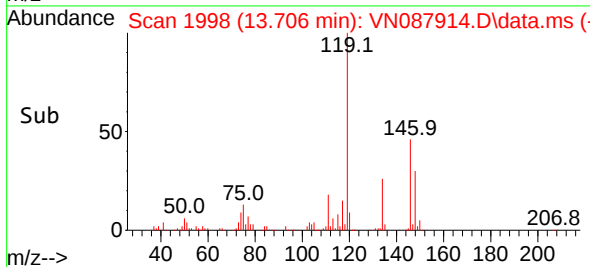
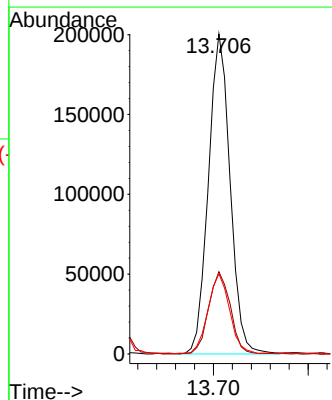
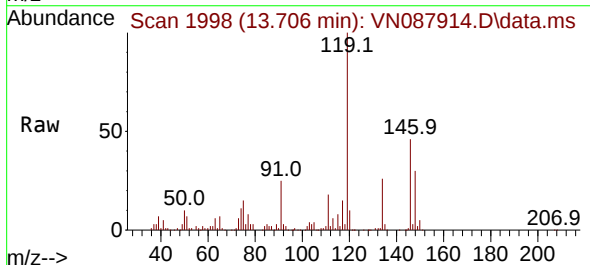
Manual Integrations
 APPROVED

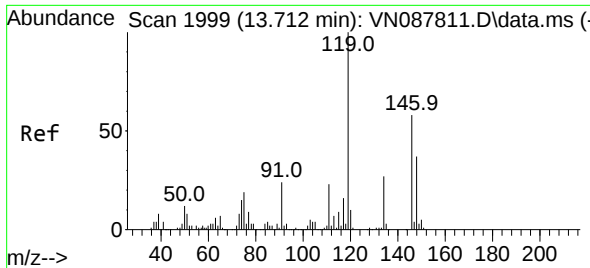
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025



#82
 p-Isopropyltoluene
 Concen: 24.178 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087914.D
 Acq: 22 Sep 2025 11:30

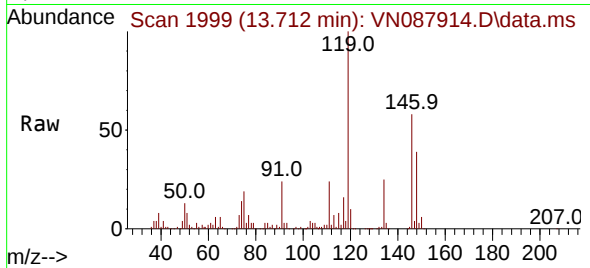
Tgt Ion:119 Resp: 318565
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 49.4
 91 24.7 0.0 52.2





#83
1,3-Dichlorobenzene
Concen: 24.333 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

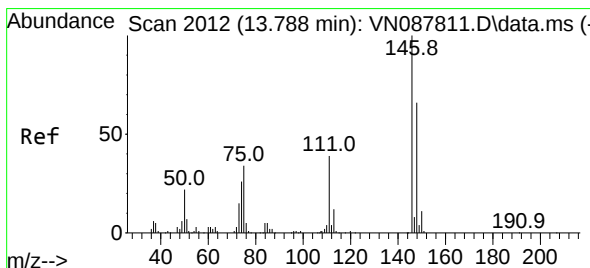
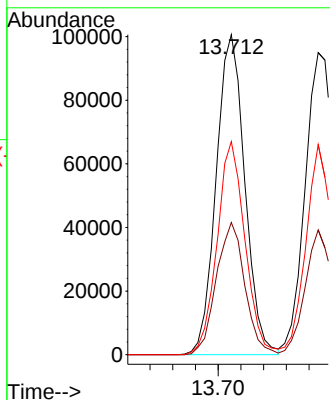
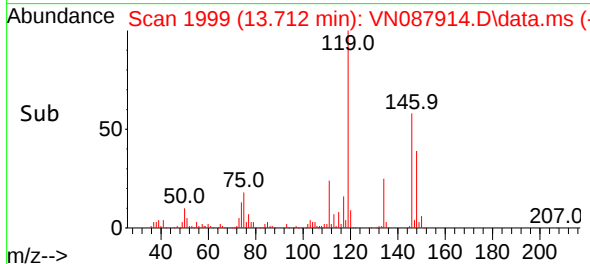
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



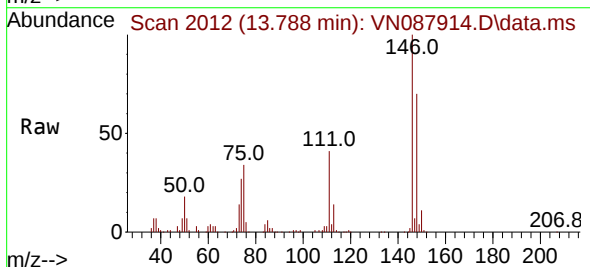
Tgt Ion:146 Resp: 176444
Ion Ratio Lower Upper
146 100
111 41.1 21.1 63.4
148 65.0 31.0 93.0

Manual Integrations
APPROVED

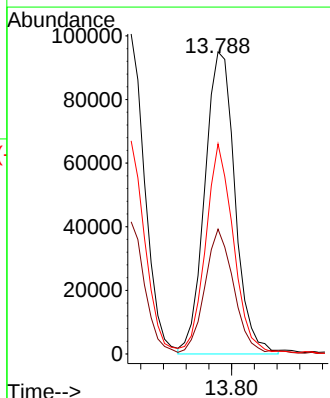
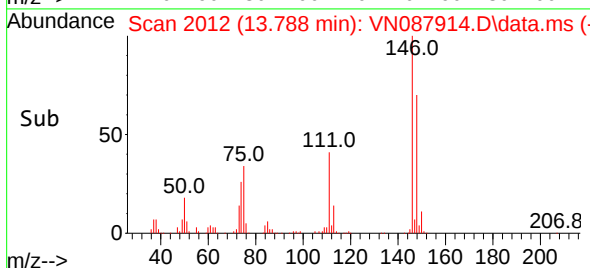
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

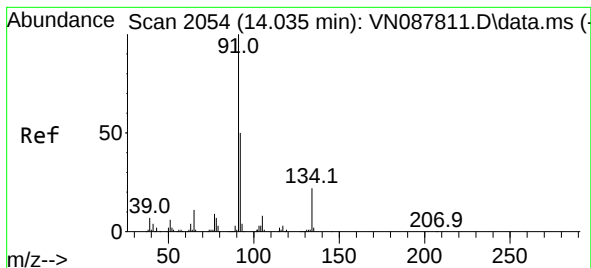


#84
1,4-Dichlorobenzene
Concen: 24.158 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30



Tgt Ion:146 Resp: 175590
Ion Ratio Lower Upper
146 100
111 39.4 20.2 60.5
148 64.1 31.5 94.5





#85

n-Butylbenzene

Concen: 23.699 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VN087914.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

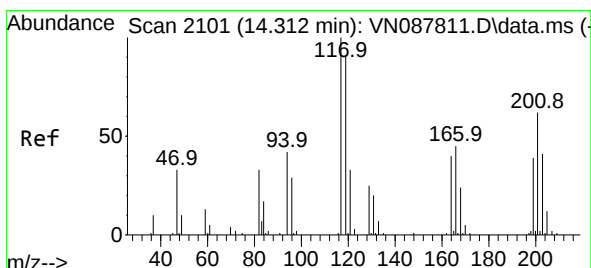
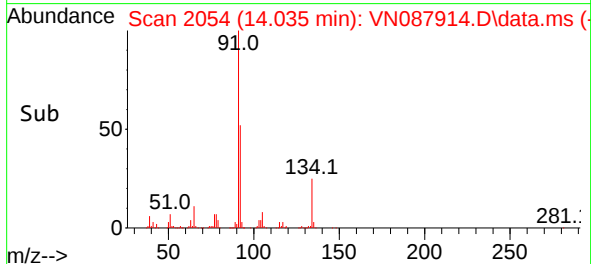
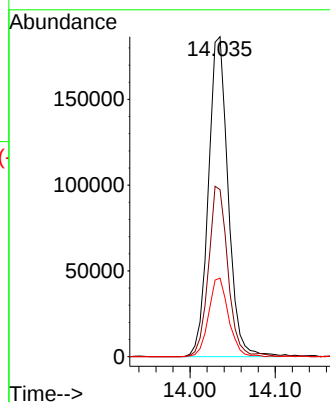
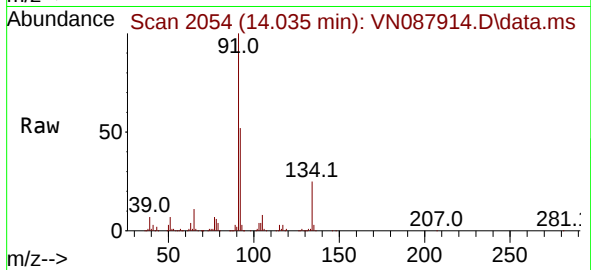
Tgt Ion:	91	Resp:	300154
Ion Ratio	Lower	Upper	
91	100		
92	52.0	0.0	104.0
134	24.6	0.0	46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#86

Hexachloroethane

Concen: 23.983 ug/l

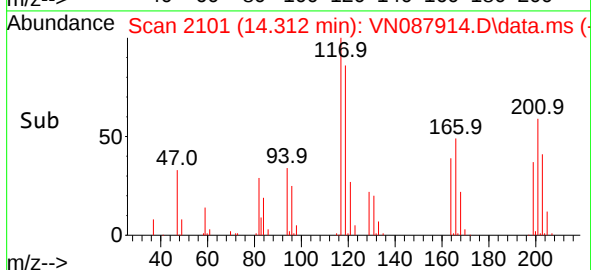
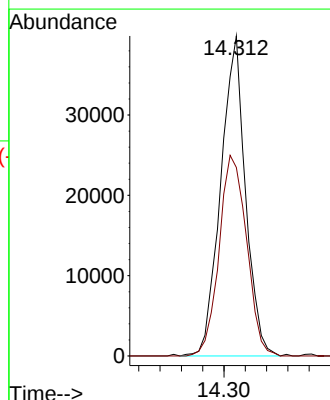
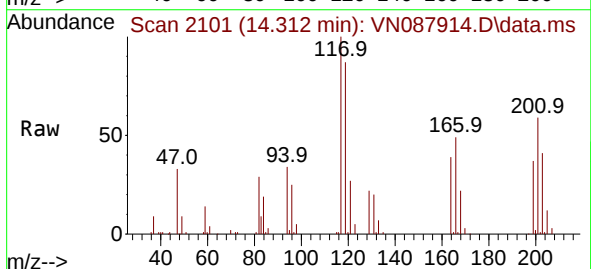
RT: 14.312 min Scan# 2101

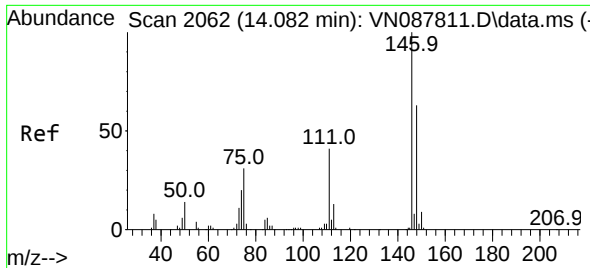
Delta R.T. -0.000 min

Lab File: VN087914.D

Acq: 22 Sep 2025 11:30

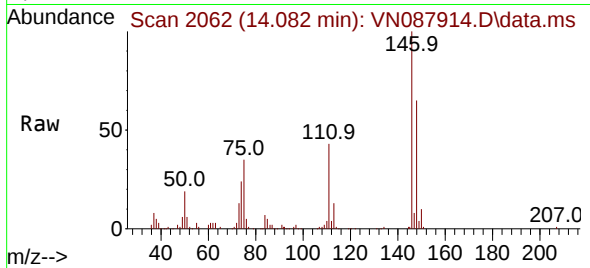
Tgt Ion:	117	Resp:	64186
Ion Ratio	Lower	Upper	
117	100		
201	69.7	29.9	89.7





#87
1,2-Dichlorobenzene
Concen: 24.312 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

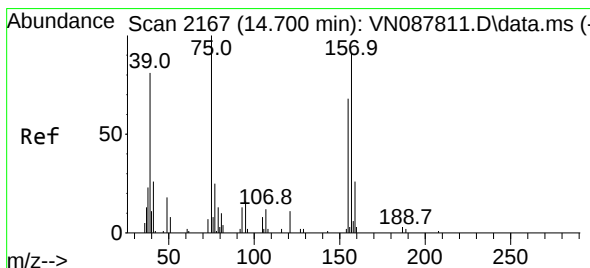
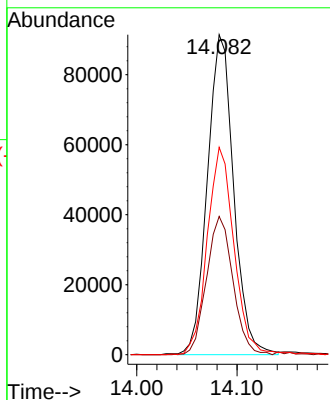
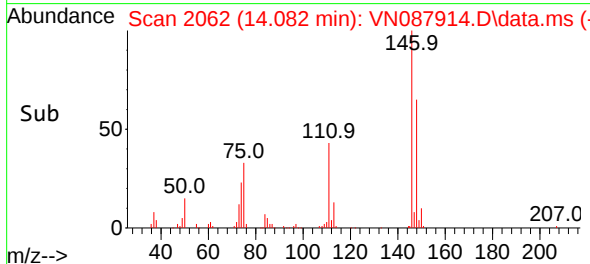
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



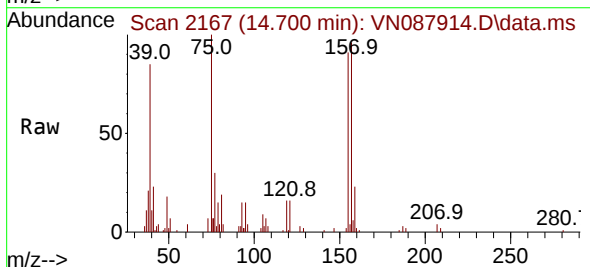
Tgt Ion:146 Resp: 166269
Ion Ratio Lower Upper
146 100
111 43.4 21.5 64.5
148 65.6 33.4 100.1

Manual Integrations
APPROVED

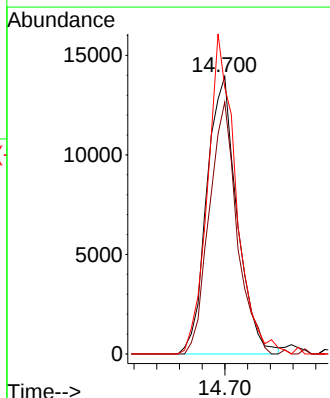
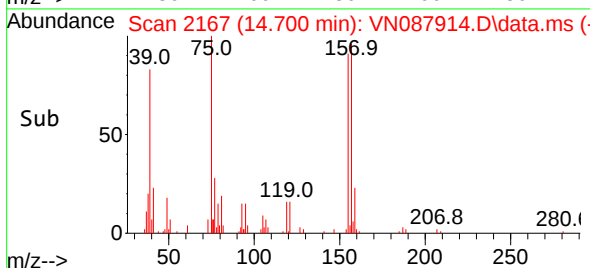
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

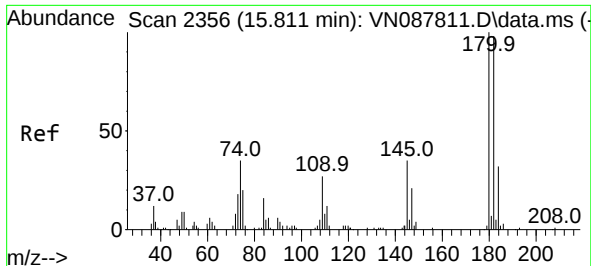


#88
1,2-Dibromo-3-Chloropropane
Concen: 21.038 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30



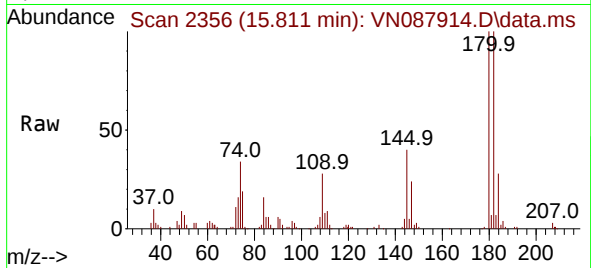
Tgt Ion: 75 Resp: 25802
Ion Ratio Lower Upper
75 100
155 83.7 53.0 79.4#
157 107.6 72.2 108.4





#89
1,2,4-Trichlorobenzene
Concen: 25.017 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

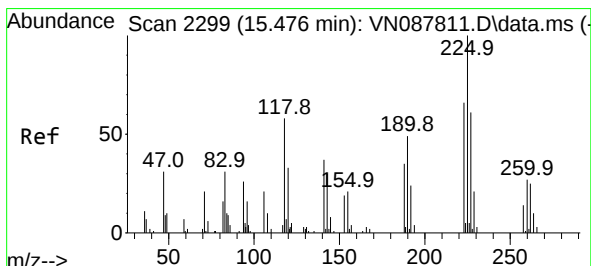
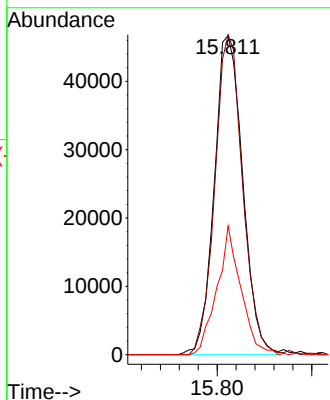
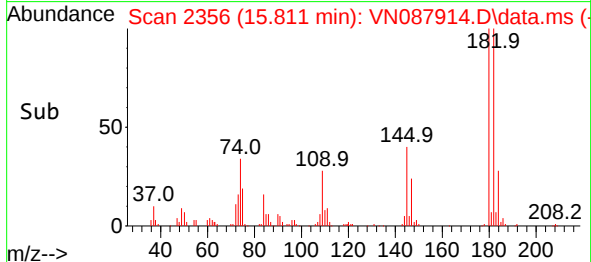
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



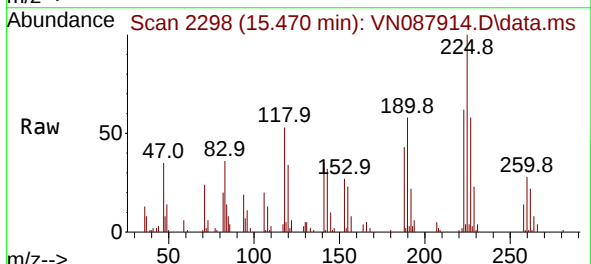
Tgt Ion:180 Resp: 97309
Ion Ratio Lower Upper
180 100
182 97.7 74.6 111.8
145 33.9 27.4 41.0

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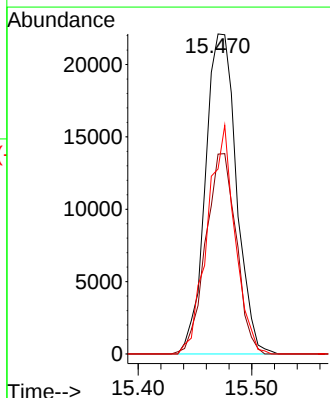
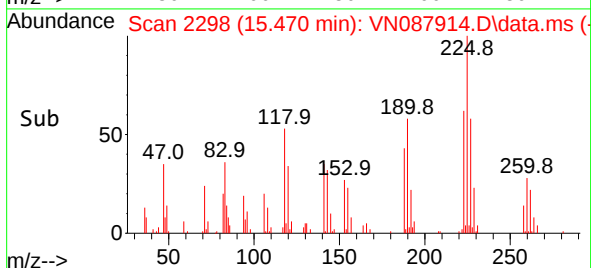
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

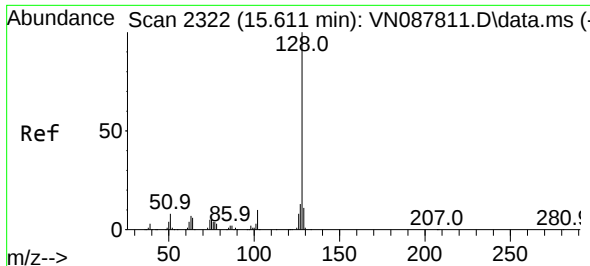


#90
Hexachlorobutadiene
Concen: 32.252 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30



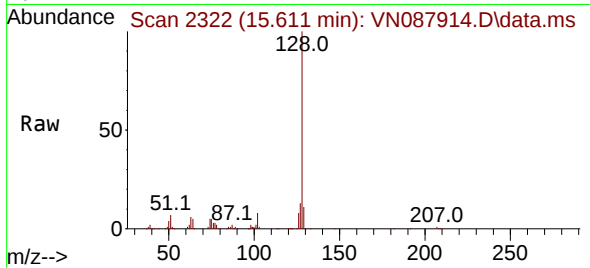
Tgt Ion:225 Resp: 42057
Ion Ratio Lower Upper
225 100
223 61.4 0.0 118.2
227 63.3 0.0 139.0





#91
Naphthalene
Concen: 21.956 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30

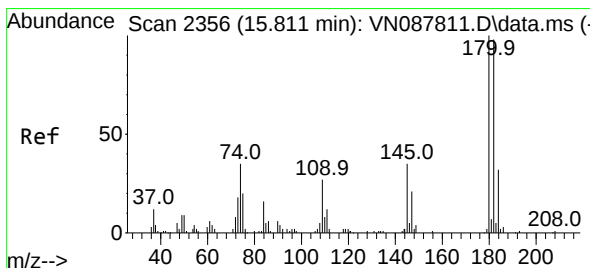
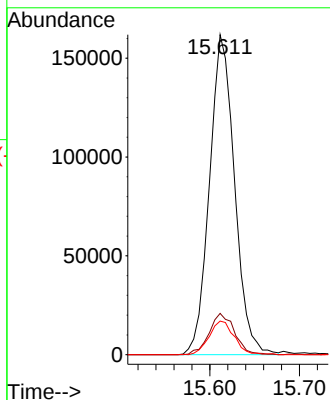
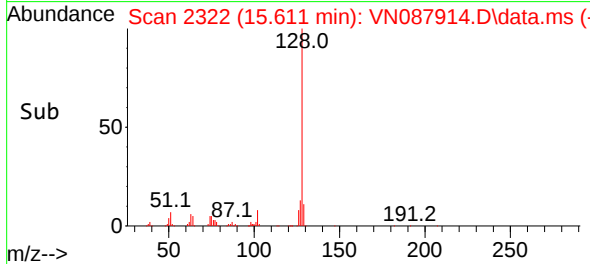
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



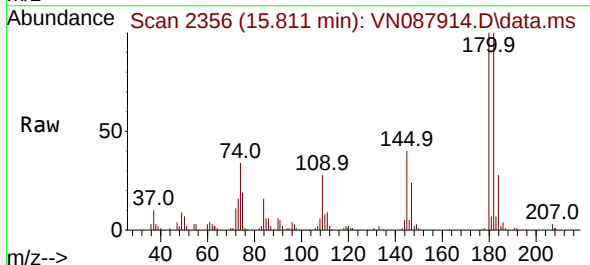
Tgt Ion:128 Resp: 31441
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.4 8.3 12.5

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 25.017 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087914.D
Acq: 22 Sep 2025 11:30



Tgt Ion:180 Resp: 97309
Ion Ratio Lower Upper
180 100
182 97.7 0.0 186.4
145 33.9 0.0 68.4

