

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
 Data File : VN087913.D
 Acq On : 22 Sep 2025 10:57
 Operator : JC\MD
 Sample : VN0922WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 23 04:49:38 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	47211	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.077	114	230333	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	222543	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	112018	27.776	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	92.600%		
60) 4-Bromofluorobenzene	12.829	95	105659	29.528	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.433%		
63) Toluene-d8	10.547	98	293704	28.379	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	94.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	51518	17.558	ug/l	97
3) Chloromethane	2.383	50	46561	15.116	ug/l	93
4) Vinyl Chloride	2.536	62	49891	14.329	ug/l	99
5) Bromomethane	2.983	94	28391	13.899	ug/l	93
6) Chloroethane	3.142	64	33465	14.062	ug/l #	84
7) Trichlorofluoromethane	3.512	101	80940	15.859	ug/l	93
8) Diethyl Ether	3.959	74	33285	15.444	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.365	101	41722	15.092	ug/l	68
10) 1,1-Dichloroethene	4.342	96	42019	14.743	ug/l	95
11) Methyl Iodide	4.583	142	33696	16.702	ug/l	85
12) Methyl Acetate	5.018	43	86186	19.617	ug/l	99
13) Acrolein	4.171	56	73978	94.571	ug/l #	43
14) Acrylonitrile	5.706	53	168621	89.167	ug/l	99
15) Acetone	4.424	58	50875	86.238	ug/l	71
16) Carbon Disulfide	4.700	76	118255	15.112	ug/l #	90
17) Allyl chloride	5.018	41	73768	15.847	ug/l	98
18) Methylene Chloride	5.265	84	61895	19.172	ug/l #	81
19) trans-1,2-Dichloroethene	5.777	96	54297	18.680	ug/l	96
20) Diisopropyl ether	6.659	45	186611	17.432	ug/l #	89
21) 1,1-Dichloroethane	6.553	63	103295	17.620	ug/l #	95
22) cis-1,2-Dichloroethene	7.465	96	64302	18.225	ug/l	99
23) tert-Butyl Alcohol	5.518	59	58234	87.113	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	184854	18.167	ug/l #	81
25) Chloroform	7.947	83	119130m	19.414	ug/l	
26) Cyclohexane	8.241	56	66489	14.893	ug/l #	94
29) 1,1-Dichloropropene	8.353	75	67632	18.067	ug/l	95
30) 2-Butanone	7.465	43	243837	94.559	ug/l	99
31) 2,2-Dichloropropane	7.477	77	97569	21.622	ug/l #	84
32) 1,1,1-Trichloroethane	8.147	97	96916	20.422	ug/l	99
33) Carbon Tetrachloride	8.341	117	81521	20.602	ug/l	98
34) Benzene	8.583	78	230417	19.046	ug/l	99
35) Methacrylonitrile	7.765	41	50228	18.622	ug/l	93
36) 1,2-Dichloroethane	8.653	62	88454	19.356	ug/l	100
37) Trichloroethene	9.335	130	52312	19.343	ug/l	95
38) Methylcyclohexane	9.577	83	66726	16.188	ug/l	96
39) 1,2-Dichloropropane	9.600	63	60893	19.652	ug/l	95
40) Dibromomethane	9.688	93	47952	20.795	ug/l	96
41) Bromodichloromethane	9.871	83	94561	20.063	ug/l #	88
42) Vinyl Acetate	6.589	43	749949	87.043	ug/l	98

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 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)
43) Ethyl Acetate	7.547	43	96123	18.245	ug/l	95
44) Isopropyl Acetate	8.671	43	148503	17.980	ug/l	99
45) 1,4-Dioxane	9.677	88	19715	378.509	ug/l #	92
46) Methyl methacrylate	9.665	41	63823	16.765	ug/l	86
47) n-amyl Acetate	12.665	43	99368m	17.803	ug/l	
48) t-1,3-Dichloropropene	10.818	75	90740	18.537	ug/l	94
49) cis-1,3-Dichloropropene	10.294	75	99462	19.838	ug/l	90
50) 1,1,2-Trichloroethane	10.994	97	62007	20.819	ug/l	96
51) Ethyl methacrylate	10.853	69	84350	18.198	ug/l	95
52) 1,3-Dichloropropane	11.141	76	103305	19.975	ug/l	98
53) Dibromochloromethane	11.335	129	71016	21.266	ug/l	95
54) 1,2-Dibromoethane	11.447	107	64658	20.864	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	228461	86.026	ug/l	97
56) Bromoform	12.565	173	49625	22.755	ug/l	96
58) 4-Methyl-2-Pentanone	10.424	43	477626	90.769	ug/l	98
59) 2-Hexanone	11.177	43	314525	91.474	ug/l	98
61) Tetrachloroethene	11.082	164	46541	21.005	ug/l	95
62) Toluene	10.606	91	253155	18.806	ug/l	100
64) Chlorobenzene	11.871	112	167272	20.246	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.941	131	59947	20.609	ug/l	98
66) Ethyl Benzene	11.941	91	264265	18.197	ug/l #	88
67) m/p-Xylenes	12.047	106	208192	38.620	ug/l	91
68) o-Xylene	12.376	106	99744	19.083	ug/l	98
69) Styrene	12.394	104	167909	18.483	ug/l	97
70) Isopropylbenzene	12.676	105	246969	18.635	ug/l	95
71) 1,1,2,2-Tetrachloroethane	12.918	83	94358	19.804	ug/l	96
72) 1,2,3-Trichloropropane	12.976	75	91017m	19.456	ug/l	
73) Bromobenzene	12.959	156	70375	21.704	ug/l	85
74) n-propylbenzene	13.012	91	316138	18.906	ug/l	97
75) 2-Chlorotoluene	13.106	91	197148	19.589	ug/l	95
76) 1,3,5-Trimethylbenzene	13.153	105	223396	19.961	ug/l	97
77) t-1,4-Dichloro-2-butene	12.718	75	27358	17.326	ug/l #	78
78) 4-Chlorotoluene	13.200	91	204223	20.128	ug/l	98
79) tert-butylbenzene	13.418	119	182120	19.431	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	224582	19.573	ug/l	98
81) sec-Butylbenzene	13.594	105	274953	19.944	ug/l	97
82) p-Isopropyltoluene	13.706	119	232439	20.463	ug/l	96
83) 1,3-Dichlorobenzene	13.712	146	134692	21.546	ug/l	97
84) 1,4-Dichlorobenzene	13.788	146	134999	21.545	ug/l	98
85) n-Butylbenzene	14.035	91	214243	19.622	ug/l	99
86) Hexachloroethane	14.312	117	50251	21.780	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	130451	22.126	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.700	75	20575	19.460	ug/l	87
89) 1,2,4-Trichlorobenzene	15.812	180	75355	22.472	ug/l	97
90) Hexachlorobutadiene	15.470	225	30765	27.367	ug/l	93
91) Naphthalene	15.617	128	229779	18.613	ug/l	97
92) 1,2,3-Trichlorobenzene	15.812	180	75355	22.472	ug/l	97

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

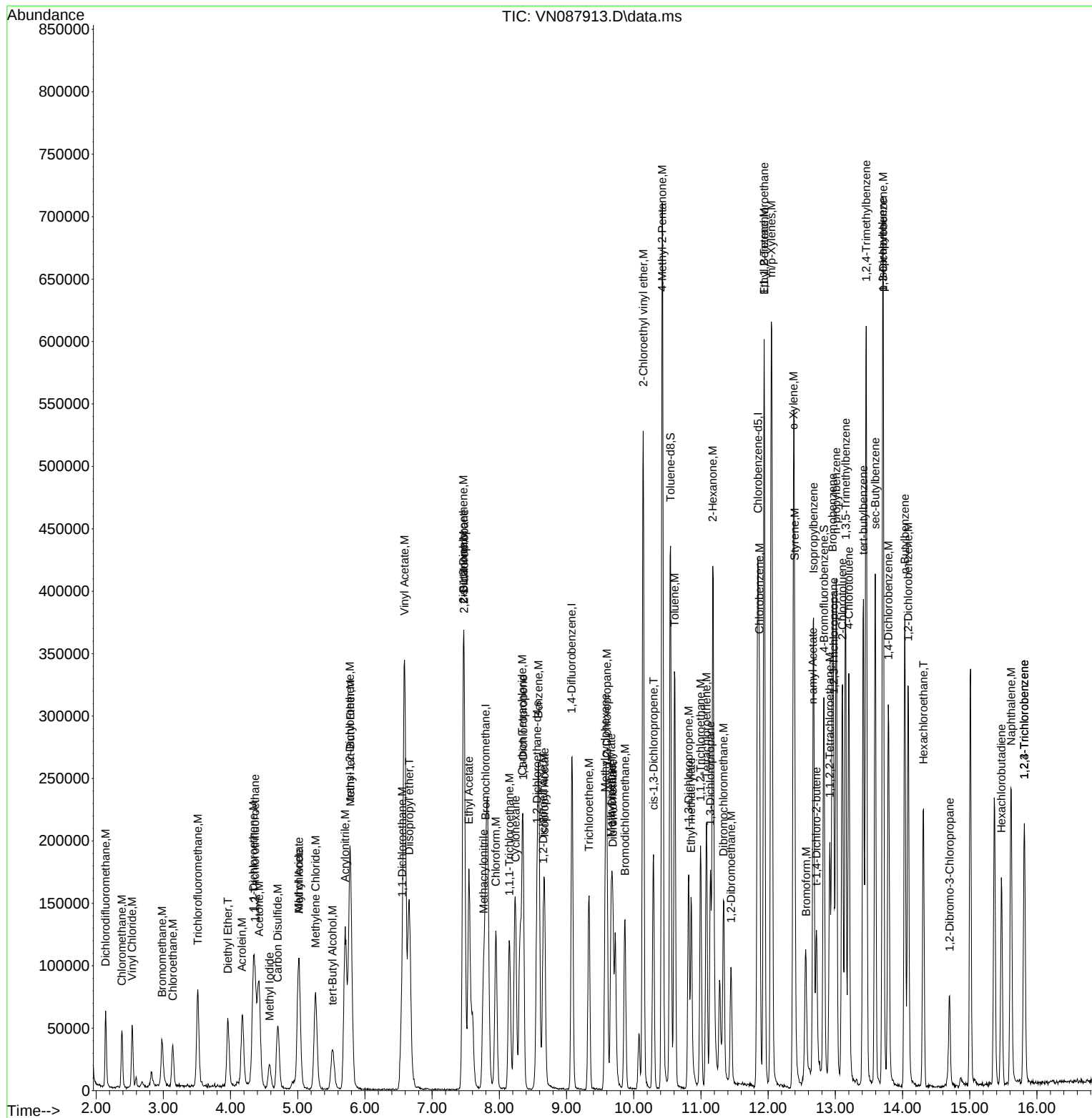
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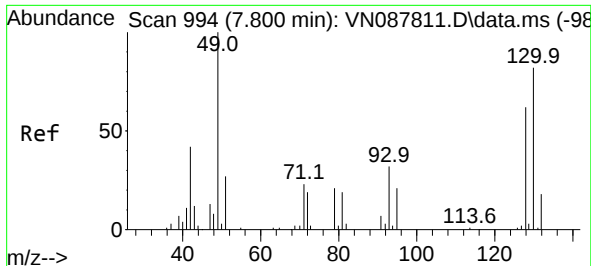
Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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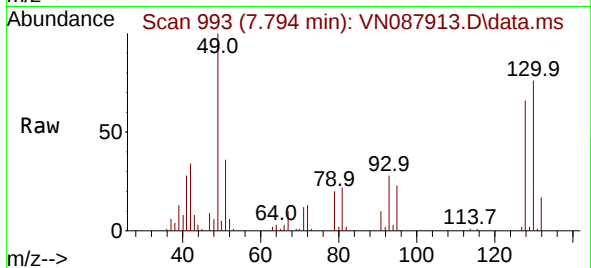
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

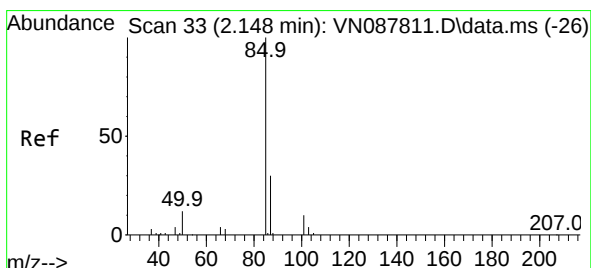
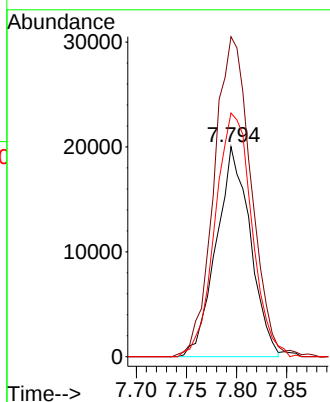
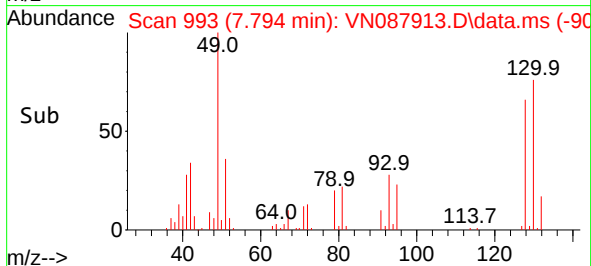
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



Tgt Ion:128 Resp: 4721
Ion Ratio Lower Upper
128 100
49 165.3 0.0 464.3
130 125.3 0.0 300.5

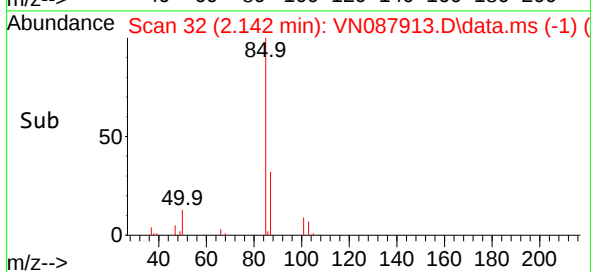
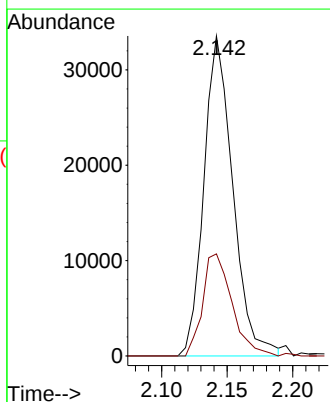
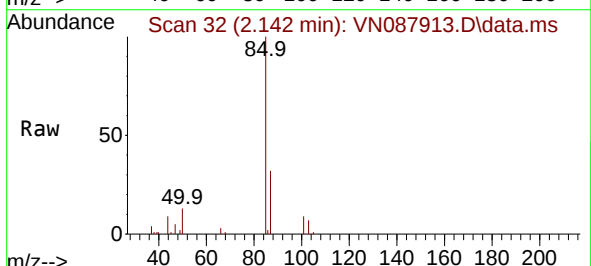
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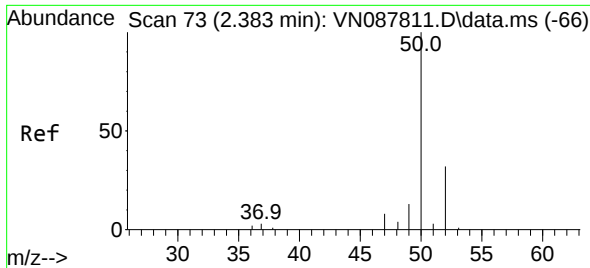
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#2
Dichlorodifluoromethane
Concen: 17.558 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

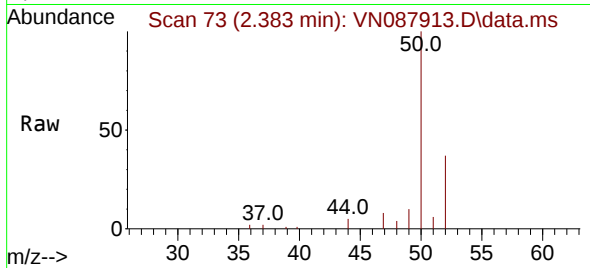
Tgt Ion: 85 Resp: 51518
Ion Ratio Lower Upper
85 100
87 31.9 16.8 50.4





#3
Chloromethane
Concen: 15.116 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

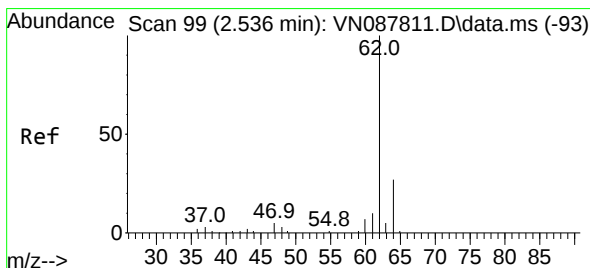
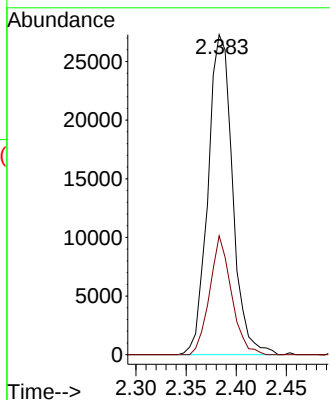
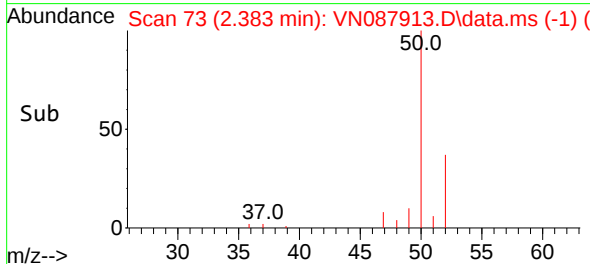
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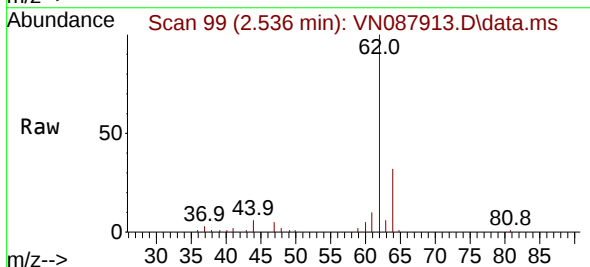
Tgt Ion: 50 Resp: 4656
Ion Ratio Lower Upper
50 100
52 37.2 26.6 40.0

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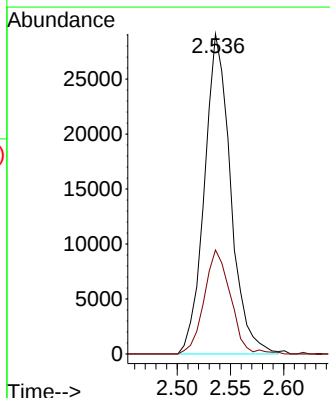
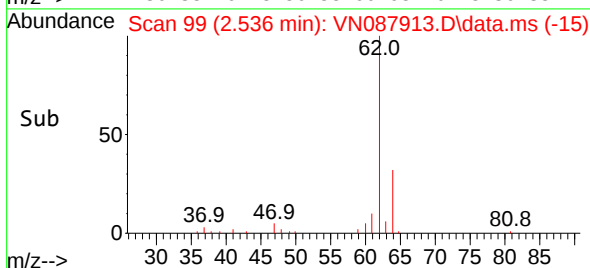
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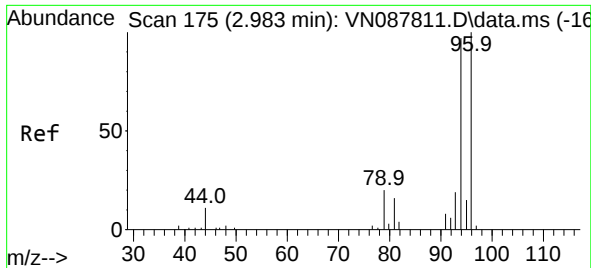


#4
Vinyl Chloride
Concen: 14.329 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57



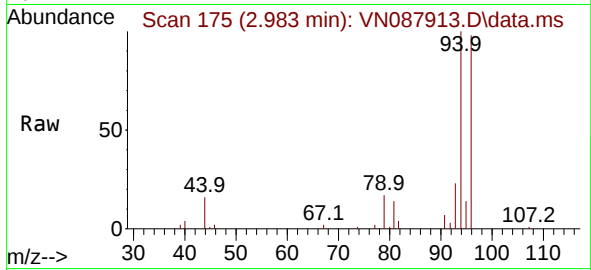
Tgt Ion: 62 Resp: 49891
Ion Ratio Lower Upper
62 100
64 32.5 25.5 38.3





#5
Bromomethane
Concen: 13.899 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

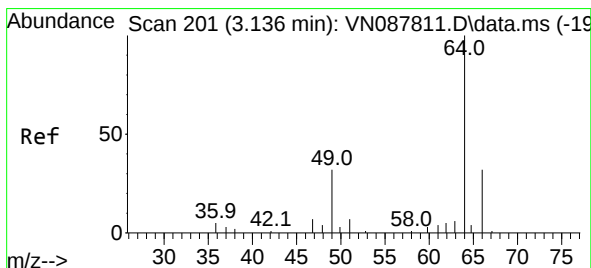
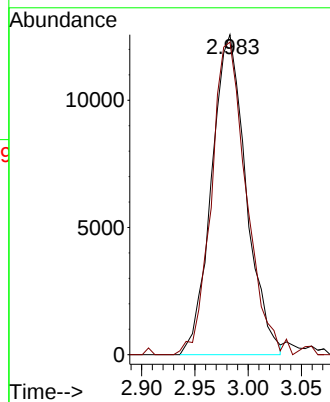
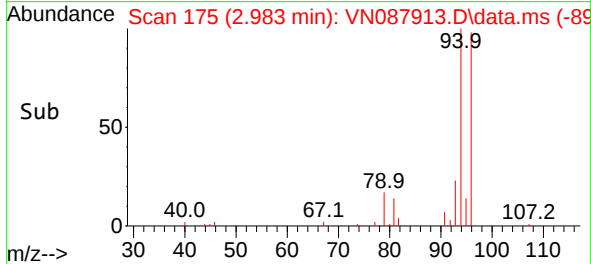
Instrument :
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Tgt Ion: 94 Resp: 2839
Ion Ratio Lower Upper
94 100
96 96.5 72.2 108.4

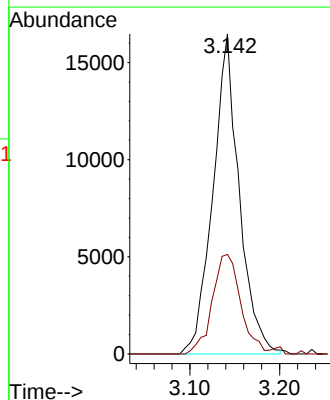
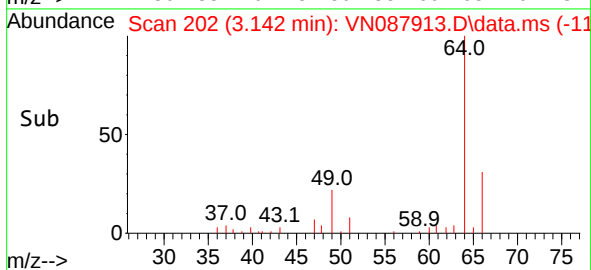
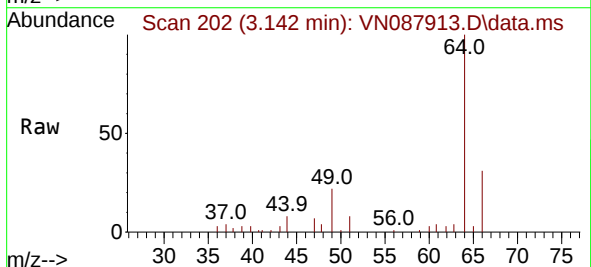
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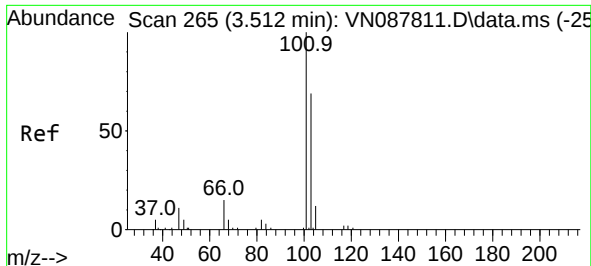
Reviewed By :John Carlone 09/23/2025
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#6
Chloroethane
Concen: 14.062 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

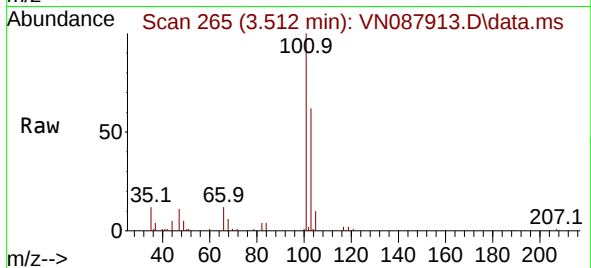
Tgt Ion: 64 Resp: 33465
Ion Ratio Lower Upper
64 100
66 31.1 32.8 49.2#





#7
 Trichlorofluoromethane
 Concen: 15.859 ug/l
 RT: 3.512 min Scan# 209
 Delta R.T. -0.000 min
 Lab File: VN087913.D
 Acq: 22 Sep 2025 10:57

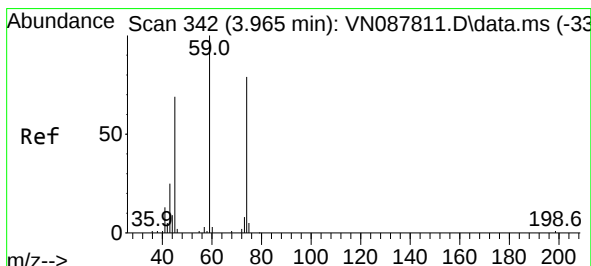
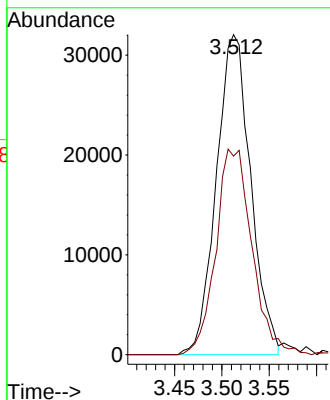
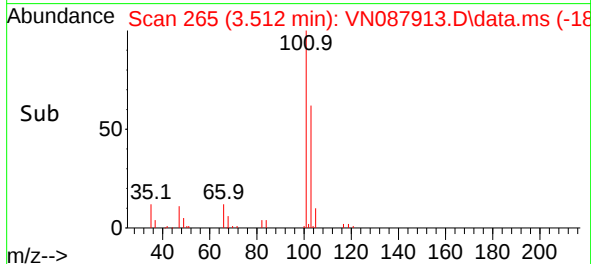
Instrument :
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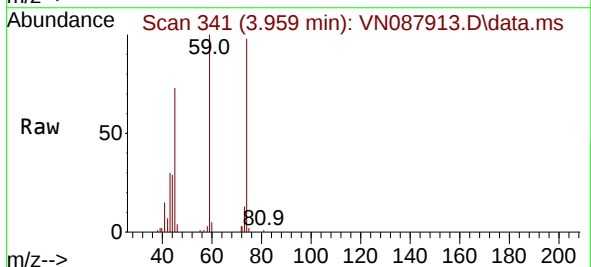
Tgt Ion:101 Resp: 80940
 Ion Ratio Lower Upper
 101 100
 103 62.0 45.7 68.5

Manual Integrations
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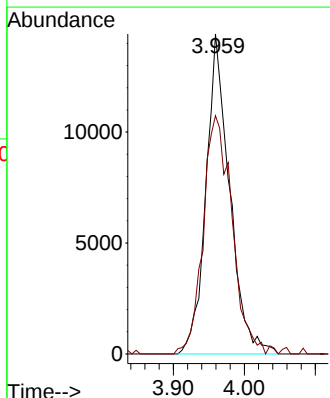
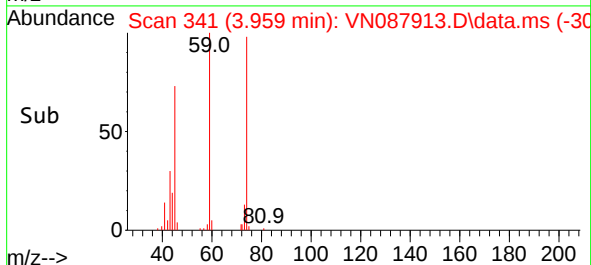
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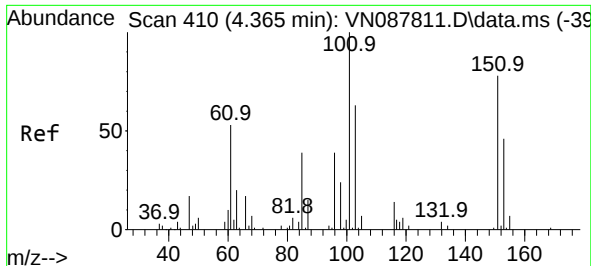


#8
 Diethyl Ether
 Concen: 15.444 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087913.D
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Tgt Ion: 74 Resp: 33285
 Ion Ratio Lower Upper
 74 100
 45 90.4 20.4 183.8





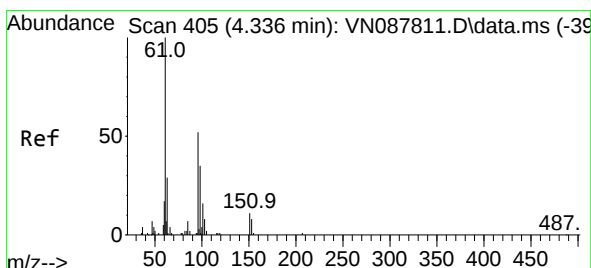
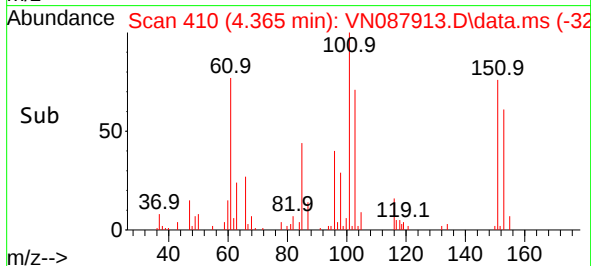
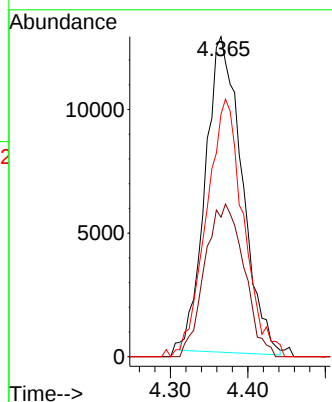
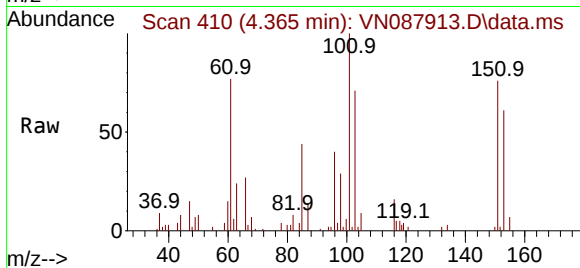
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 1,1,2-Trichlorotrifluoroethane
 Concen: 15.092 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. -0.006 min
 Lab File: VN087913.D
 Acq: 22 Sep 2025 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

Tgt Ion:101 Resp: 4172
 Ion Ratio Lower Upper
 101 100
 85 52.0 0.0 95.6
 151 82.2 0.0 85.8

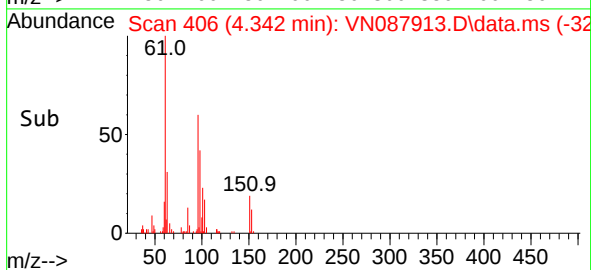
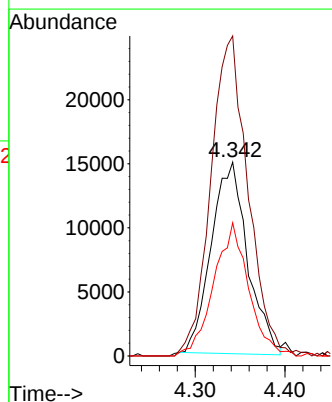
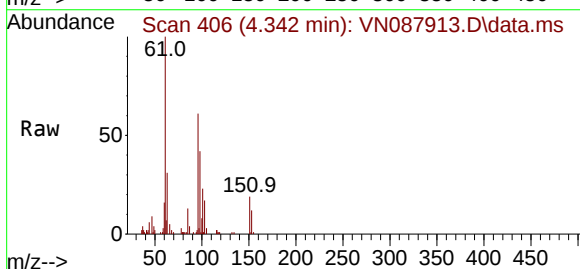
Manual Integrations
 APPROVED

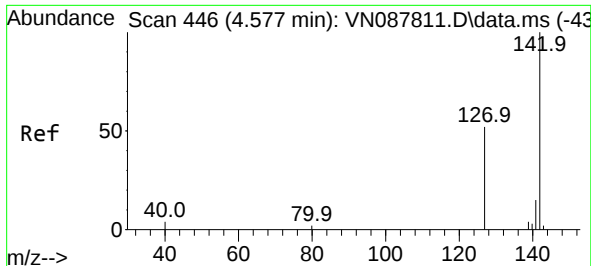
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025



#10
 1,1-Dichloroethene
 Concen: 14.743 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN087913.D
 Acq: 22 Sep 2025 10:57

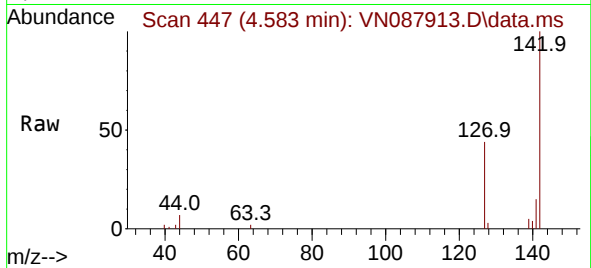
Tgt Ion: 96 Resp: 42019
 Ion Ratio Lower Upper
 96 100
 61 163.8 135.9 203.9
 98 67.9 59.2 88.8





#11
Methyl Iodide
Concen: 16.702 ug/l
RT: 4.583 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

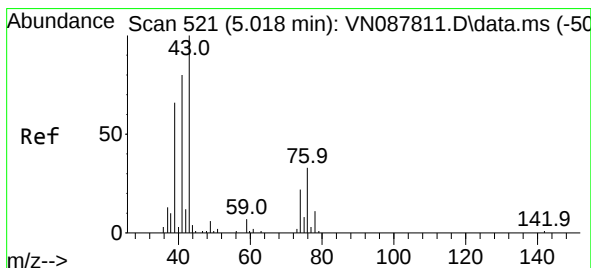
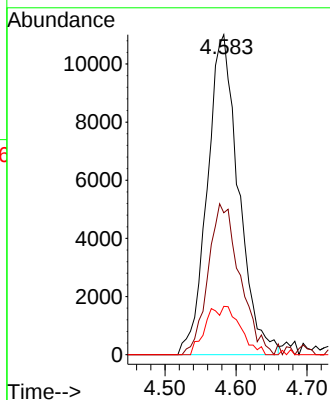
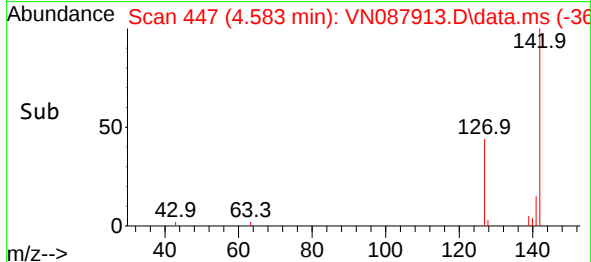
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



Tgt Ion:142 Resp: 33690
Ion Ratio Lower Upper
142 100
127 43.2 27.9 83.7
141 15.3 9.6 28.8

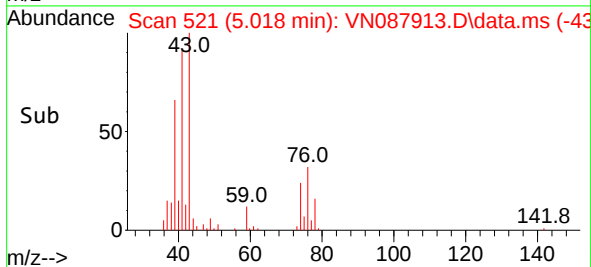
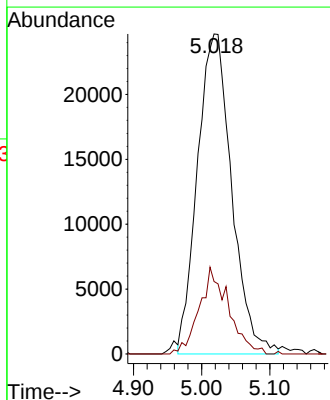
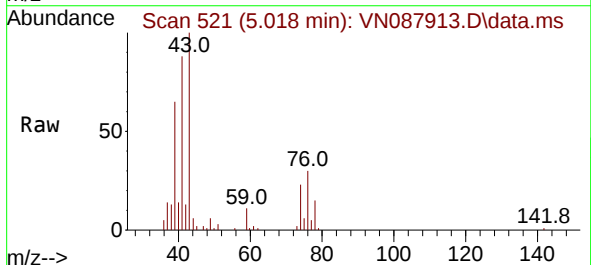
Manual Integrations
APPROVED

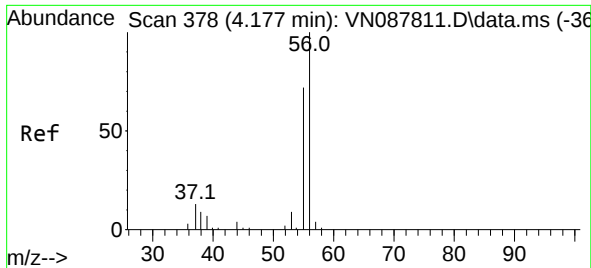
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#12
Methyl Acetate
Concen: 19.617 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

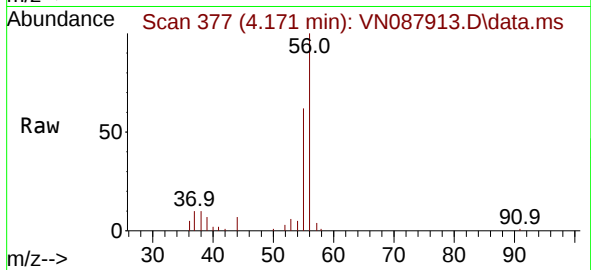
Tgt Ion: 43 Resp: 86186
Ion Ratio Lower Upper
43 100
74 22.3 17.5 26.3





#13
Acrolein
Concen: 94.571 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

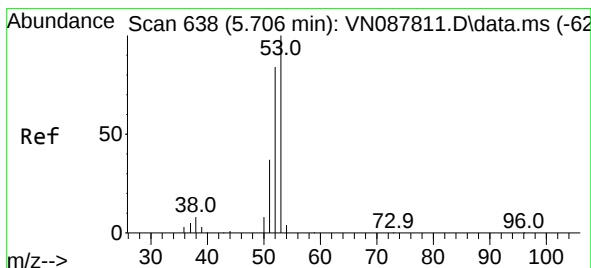
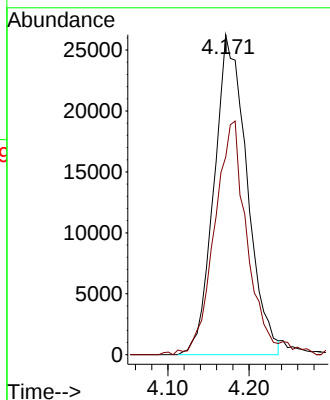
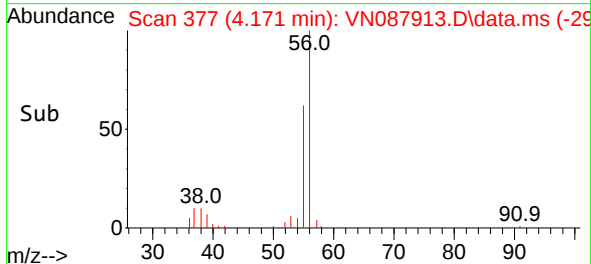
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



Tgt Ion: 56 Resp: 73978
Ion Ratio Lower Upper
56 100
55 69.3 28.6 42.8

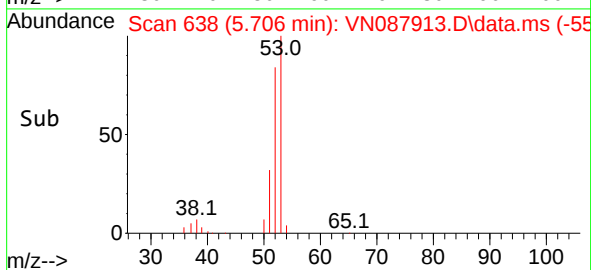
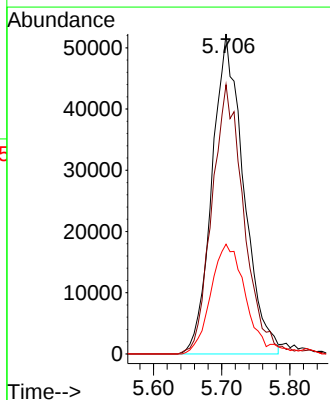
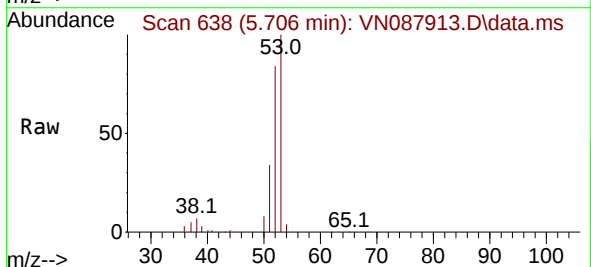
Manual Integrations
APPROVED

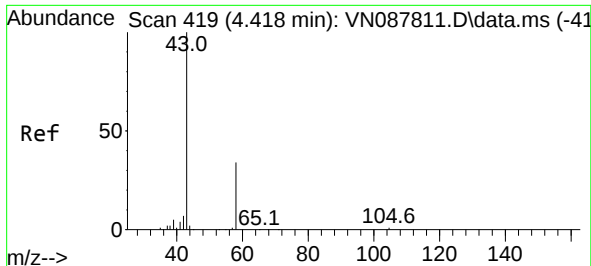
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#14
Acrylonitrile
Concen: 89.167 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.012 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 53 Resp: 168621
Ion Ratio Lower Upper
53 100
52 82.5 40.9 122.7
51 36.6 18.1 54.1





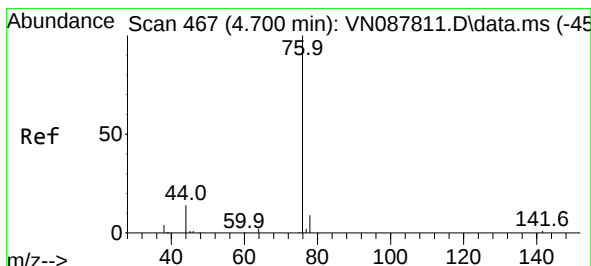
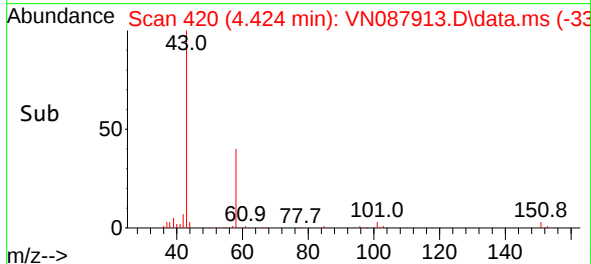
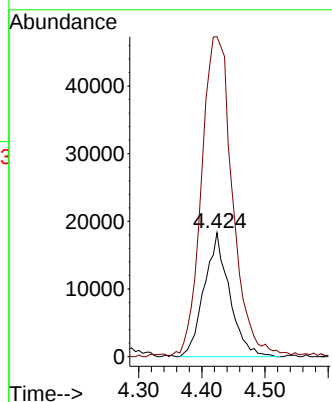
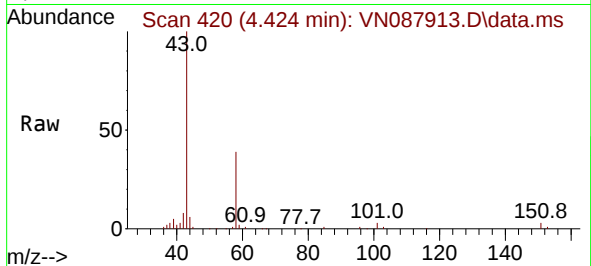
#15
Acetone
Concen: 86.238 ug/l
RT: 4.424 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Tgt Ion: 58 Resp: 50875
Ion Ratio Lower Upper
58 100
43 255.1 250.6 376.0

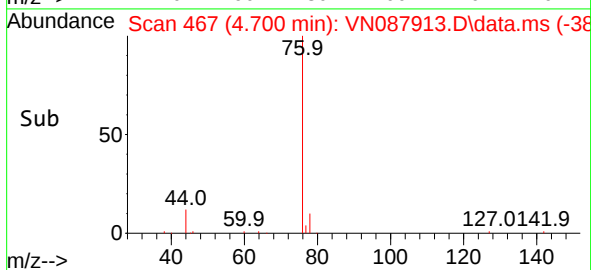
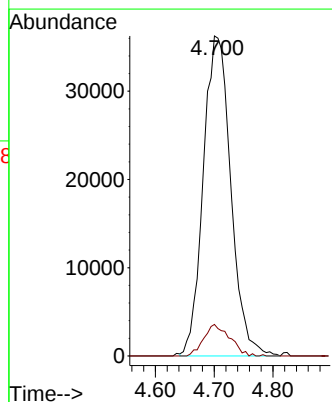
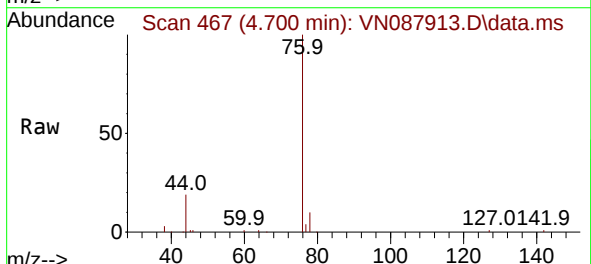
Manual Integrations
APPROVED

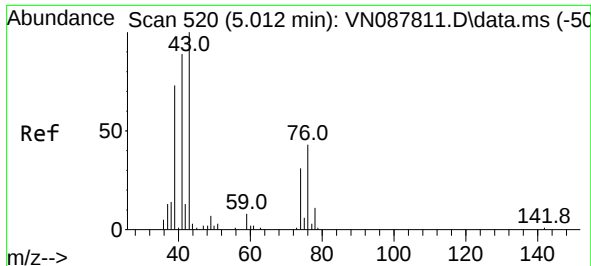
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#16
Carbon Disulfide
Concen: 15.112 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 76 Resp: 118255
Ion Ratio Lower Upper
76 100
78 9.9 5.0 7.6#





#17

Allyl chloride

Concen: 15.847 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

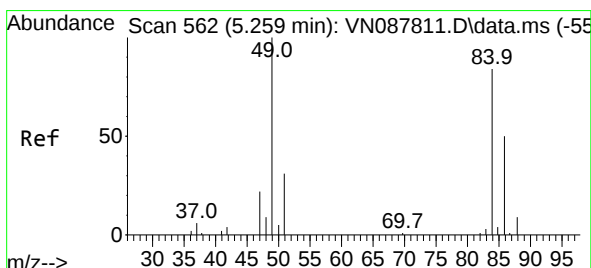
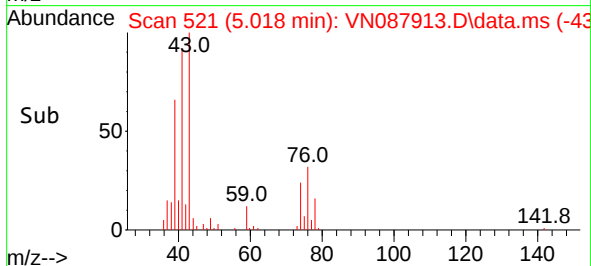
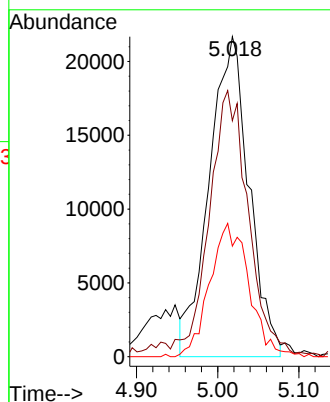
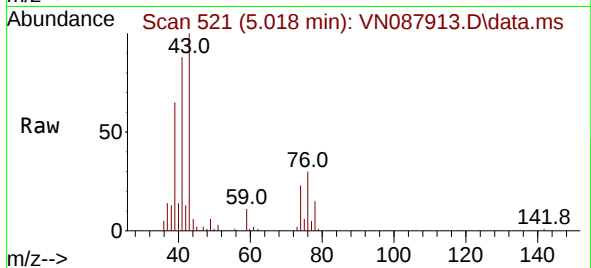
Tgt Ion:	41	Resp:	7376
Ion	Ratio	Lower	Upper
41	100		
39	72.1	36.7	110.1
76	35.1	18.3	54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#18

Methylene Chloride

Concen: 19.172 ug/l

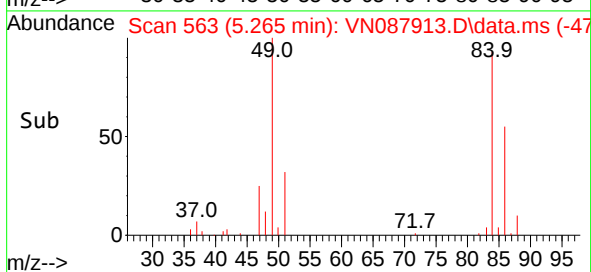
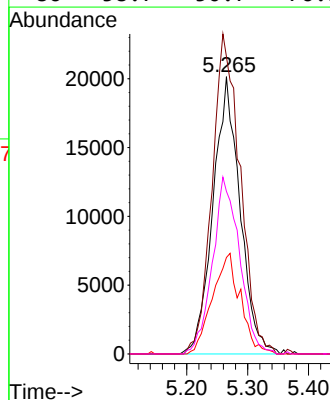
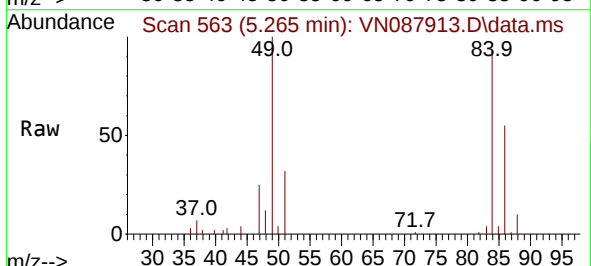
RT: 5.265 min Scan# 563

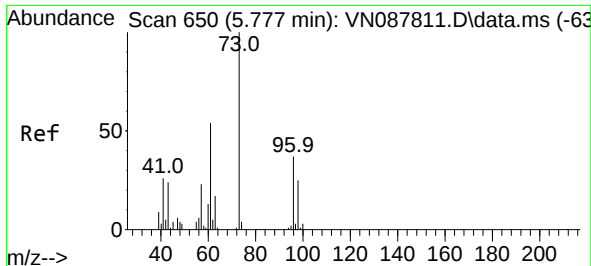
Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

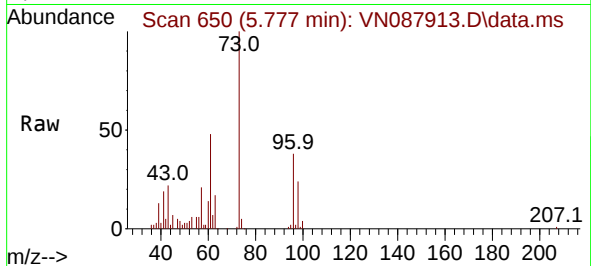
Tgt Ion:	84	Resp:	61895
Ion	Ratio	Lower	Upper
84	100		
49	107.2	114.1	171.1#
51	34.8	30.2	45.4
86	58.7	50.7	76.1





#19
trans-1,2-Dichloroethene
Concen: 18.680 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

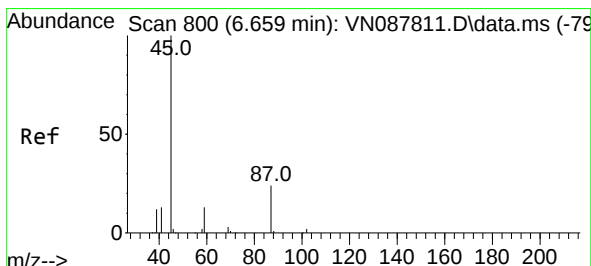
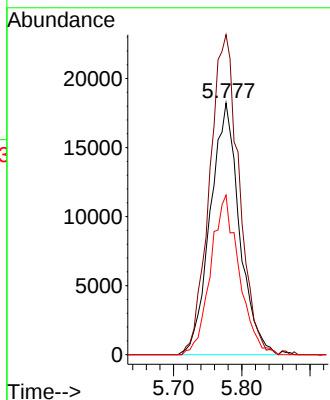
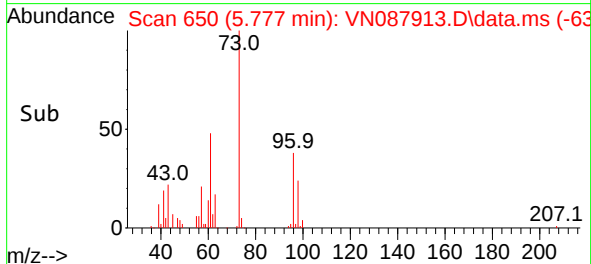
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



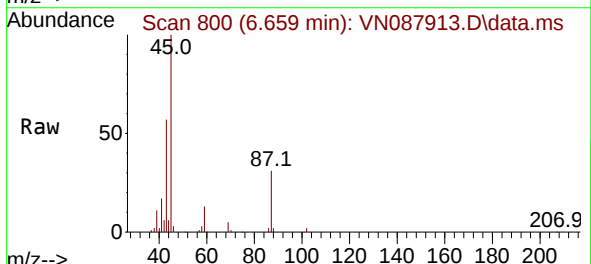
Tgt Ion: 96 Resp: 5429
Ion Ratio Lower Upper
96 100
61 127.2 106.4 159.6
98 63.4 48.9 73.3

Manual Integrations
APPROVED

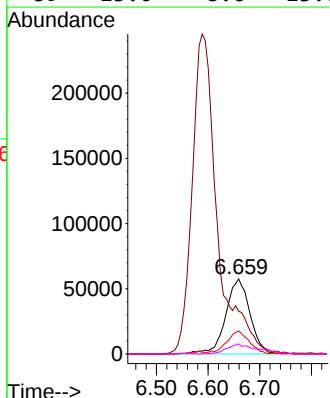
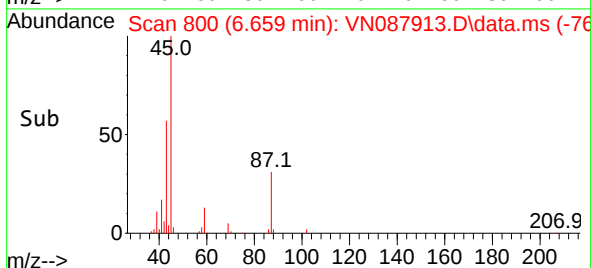
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

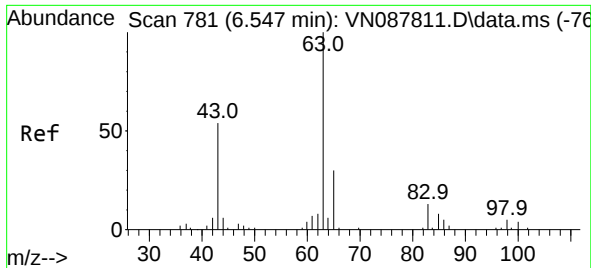


#20
Diisopropyl ether
Concen: 17.432 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57



Tgt Ion: 45 Resp: 186611
Ion Ratio Lower Upper
45 100
43 53.4 49.5 74.3
87 30.0 18.8 28.2#
59 13.0 8.6 13.0#





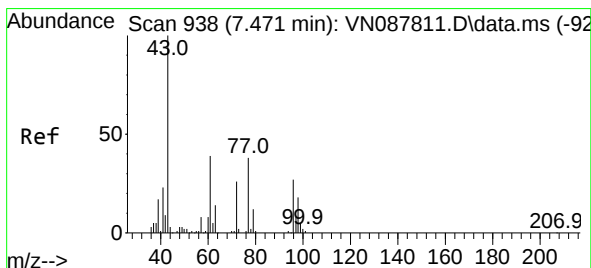
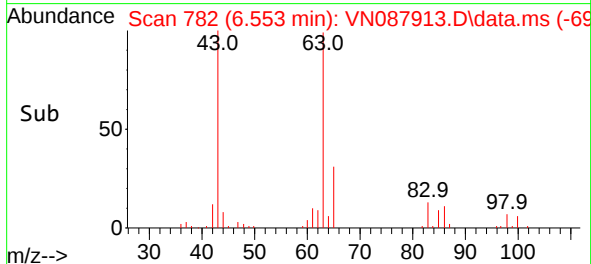
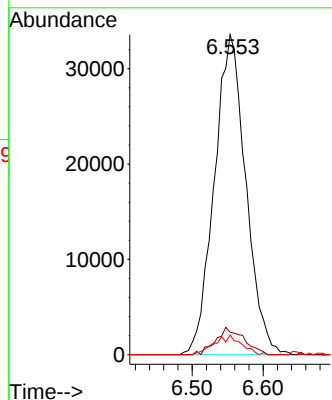
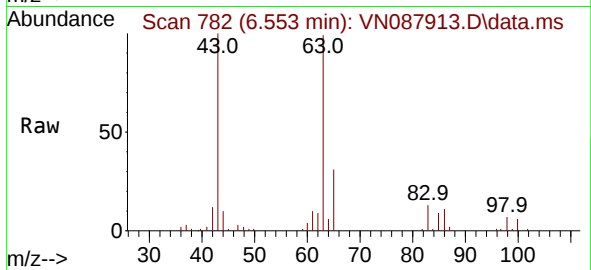
#21
1,1-Dichloroethane
Concen: 17.620 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Tgt Ion: 63 Resp: 10329
Ion Ratio Lower Upper
63 100
98 7.0 2.9 8.8
100 6.2 1.8 5.3

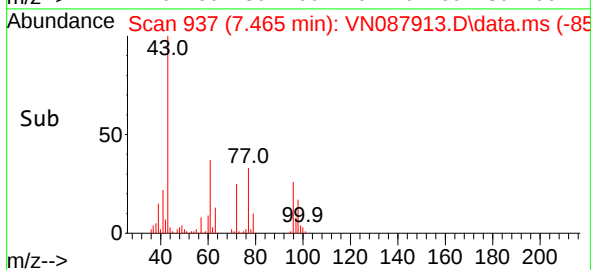
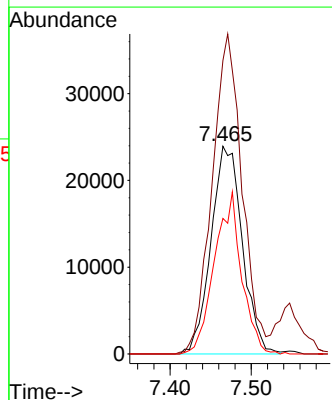
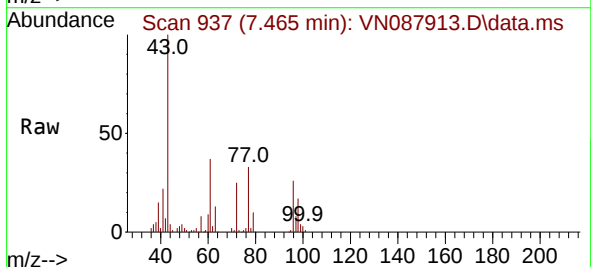
Manual Integrations
APPROVED

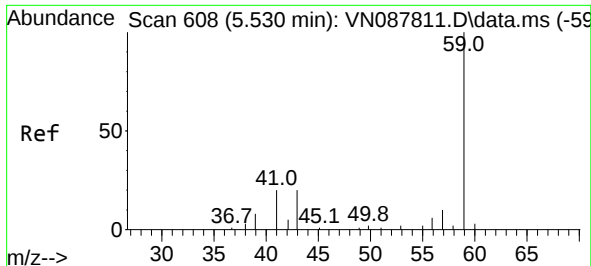
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#22
cis-1,2-Dichloroethene
Concen: 18.225 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

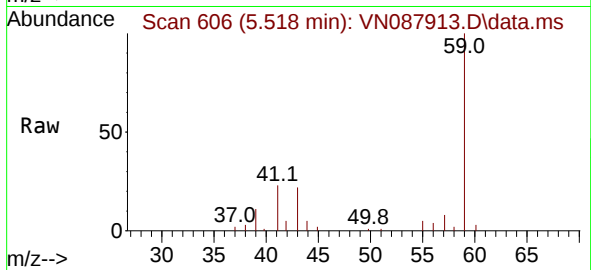
Tgt Ion: 96 Resp: 64302
Ion Ratio Lower Upper
96 100
61 147.0 118.2 177.2
98 67.1 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 87.113 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

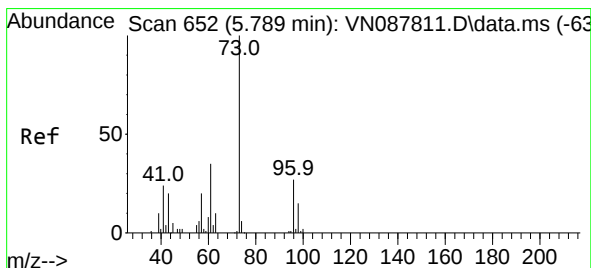
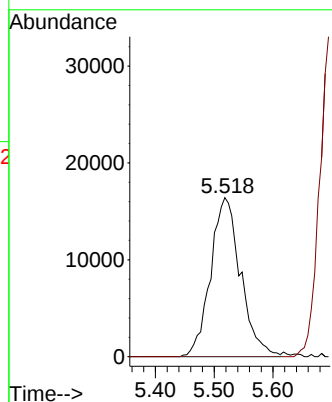
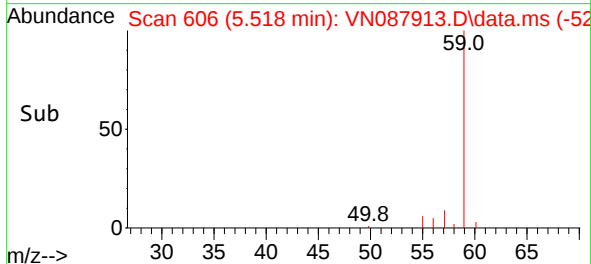
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



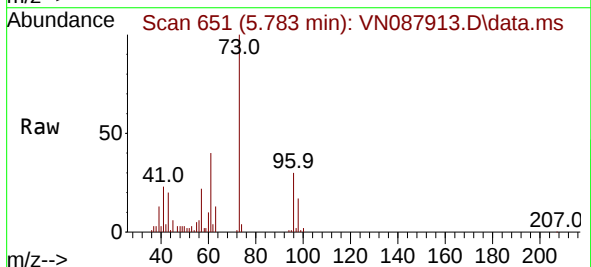
Tgt Ion: 59 Resp: 58234
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

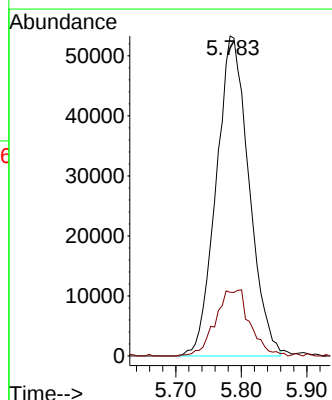
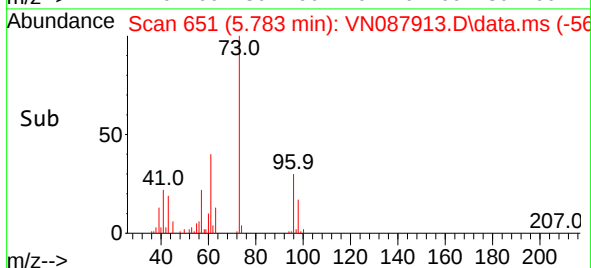
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

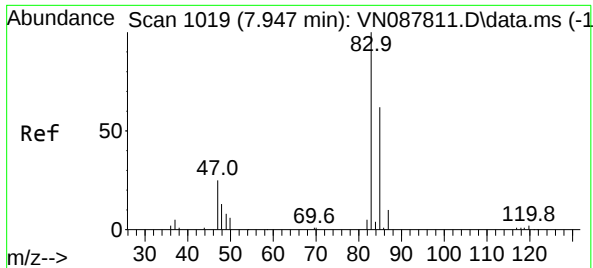


#24
Methyl tert-Butyl Ether
Concen: 18.167 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57



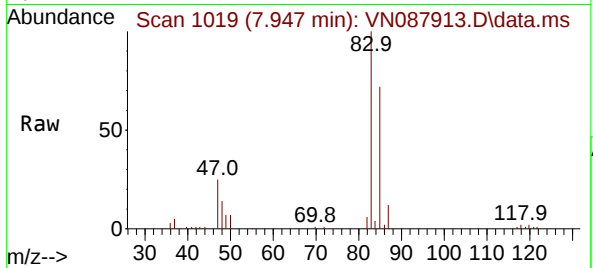
Tgt Ion: 73 Resp: 184854
Ion Ratio Lower Upper
73 100
43 12.0 16.8 25.2#





#25
Chloroform
Concen: 19.414 ug/l m
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

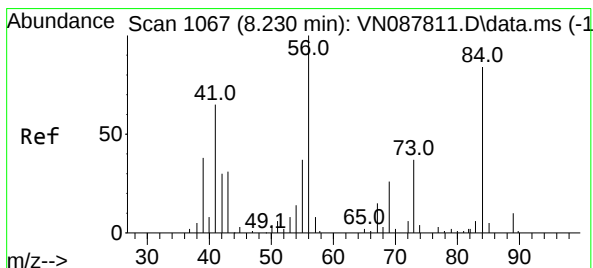
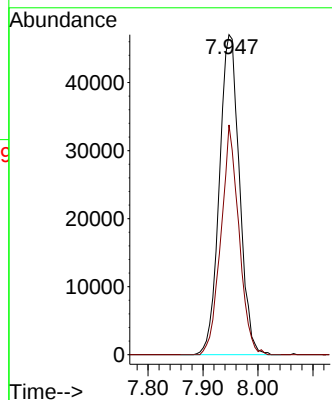
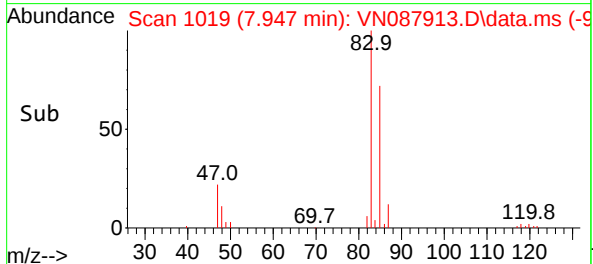
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



Tgt Ion: 83 Resp: 119130
Ion Ratio Lower Upper
83 100
85 71.8 47.7 71.5

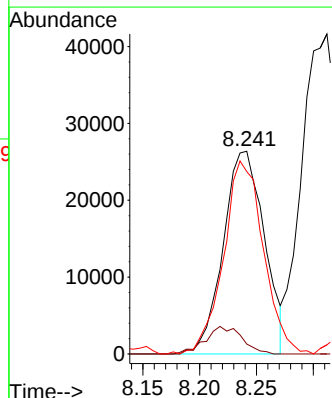
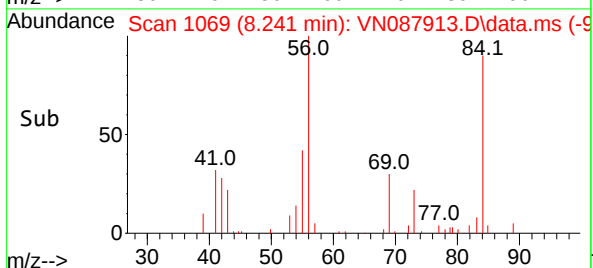
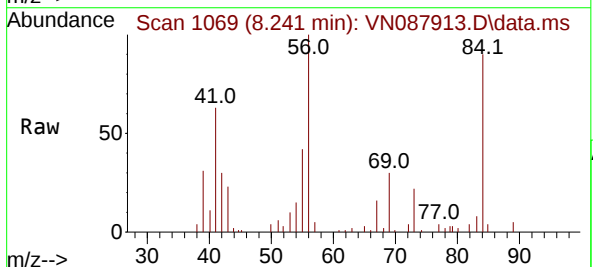
Manual Integrations
APPROVED

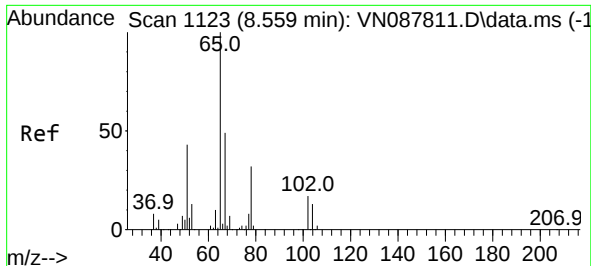
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#26
Cyclohexane
Concen: 14.893 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

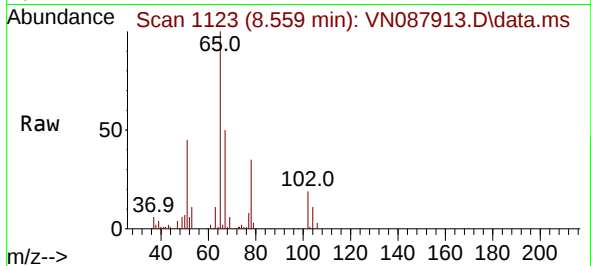
Tgt Ion: 56 Resp: 66489
Ion Ratio Lower Upper
56 100
89 12.1 0.0 0.0#
84 92.3 69.4 104.2





#27
1,2-Dichloroethane-d4
Concen: 27.776 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

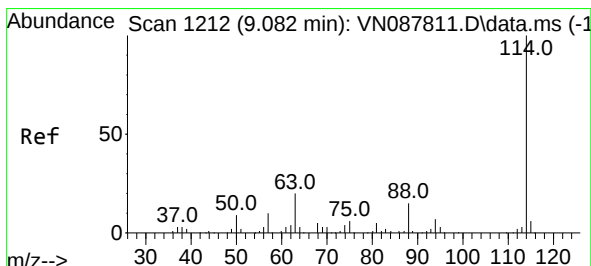
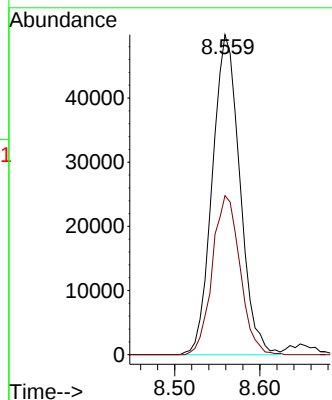
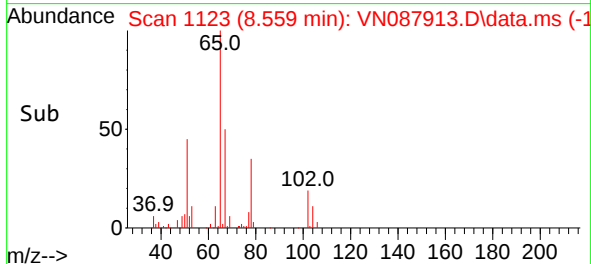
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



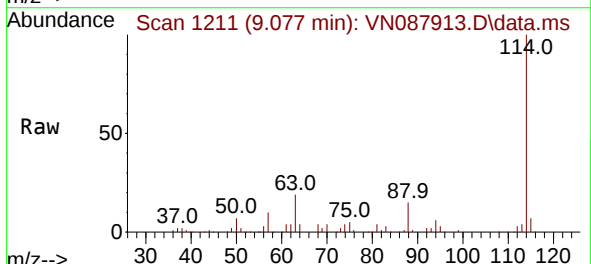
Tgt Ion: 65 Resp: 112018
Ion Ratio Lower Upper
65 100
67 49.8 39.6 59.4

Manual Integrations
APPROVED

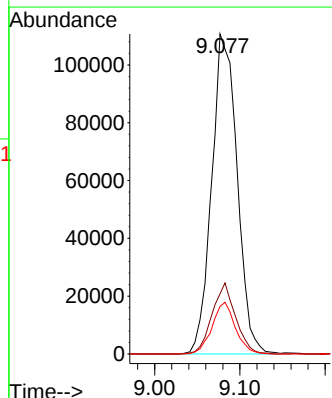
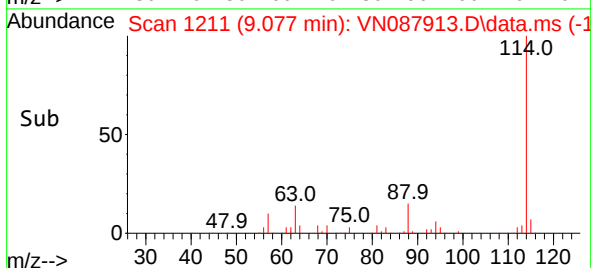
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

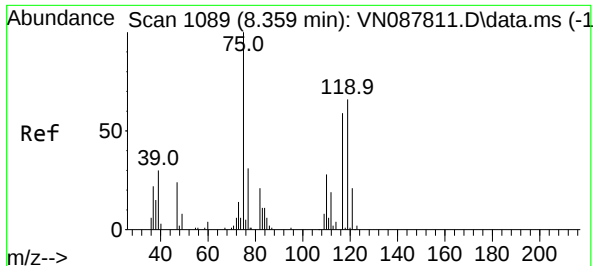


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.077 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57



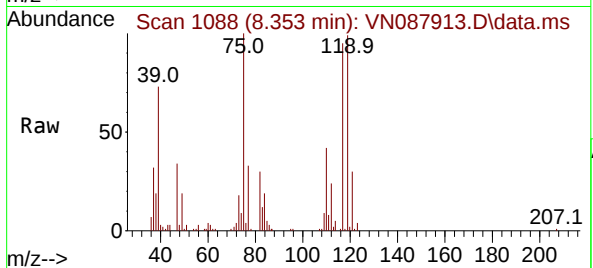
Tgt Ion:114 Resp: 230333
Ion Ratio Lower Upper
114 100
63 20.5 18.3 27.5
88 14.7 12.4 18.6





#29
1,1-Dichloropropene
Concen: 18.067 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

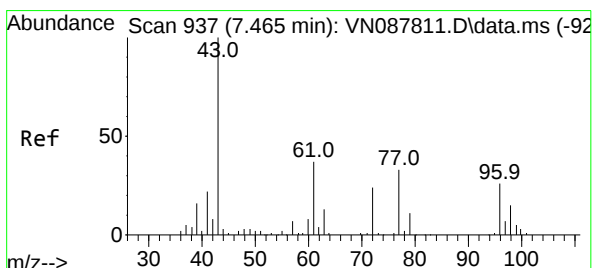
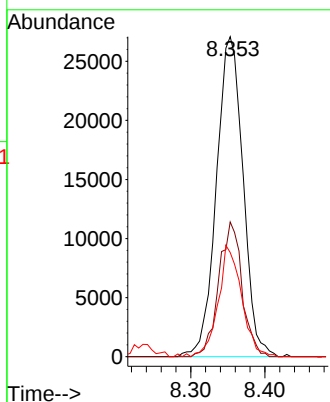
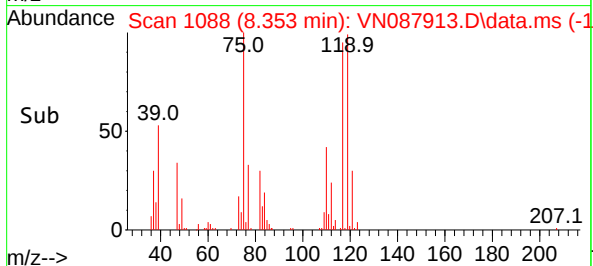
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



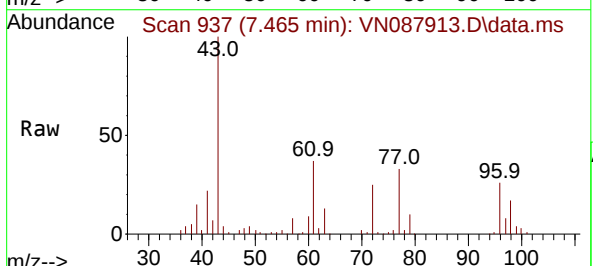
Tgt Ion: 75 Resp: 67632
Ion Ratio Lower Upper
75 100
110 36.8 0.0 64.4
77 30.4 0.0 62.2

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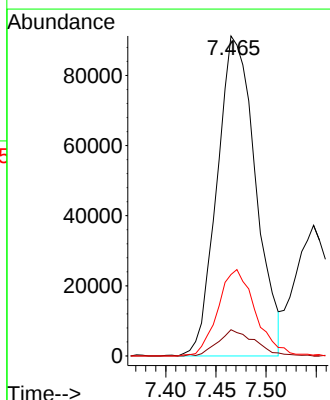
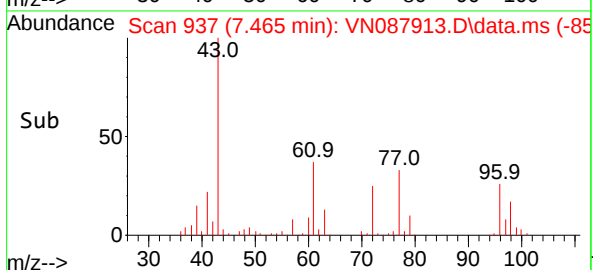
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

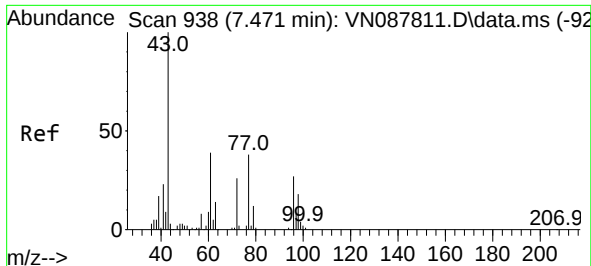


#30
2-Butanone
Concen: 94.559 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57



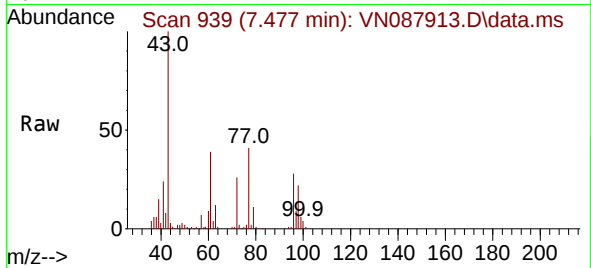
Tgt Ion: 43 Resp: 243837
Ion Ratio Lower Upper
43 100
57 7.8 6.3 9.5
72 26.3 21.4 32.2





#31
2,2-Dichloropropane
Concen: 21.622 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

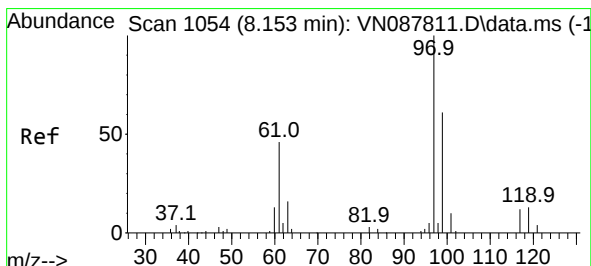
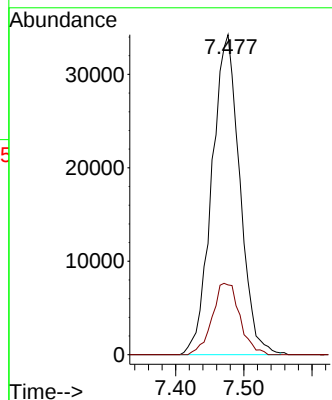
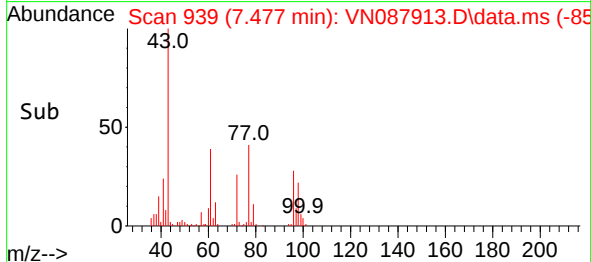
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



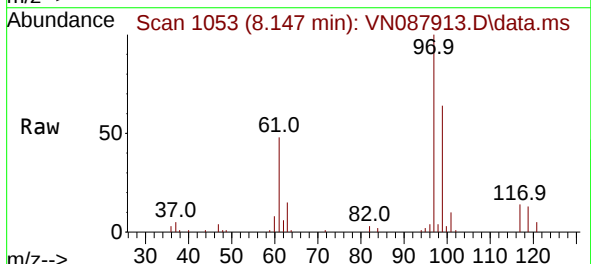
Tgt Ion: 77 Resp: 97569
Ion Ratio Lower Upper
77 100
97 13.6 17.1 25.7

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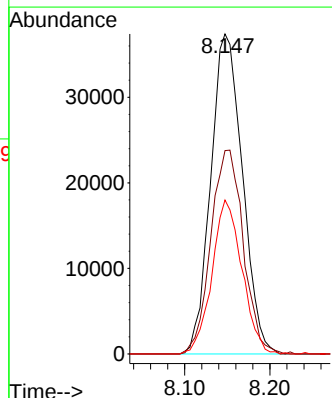
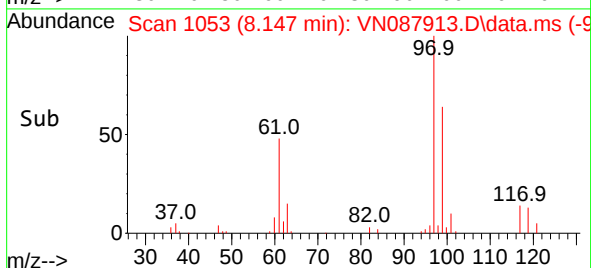
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

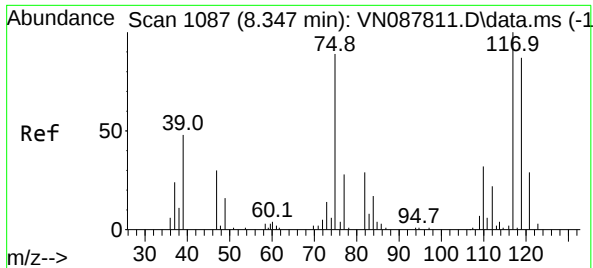


#32
1,1,1-Trichloroethane
Concen: 20.422 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57



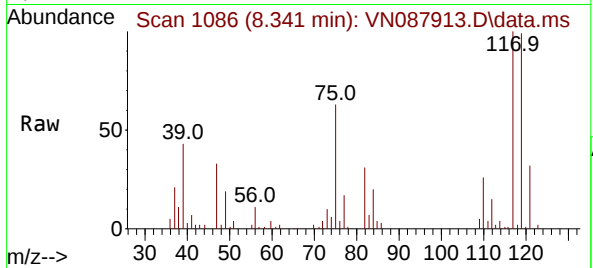
Tgt Ion: 97 Resp: 96916
Ion Ratio Lower Upper
97 100
99 65.1 52.2 78.4
61 45.5 37.9 56.9





#33
Carbon Tetrachloride
Concen: 20.602 ug/l
RT: 8.341 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

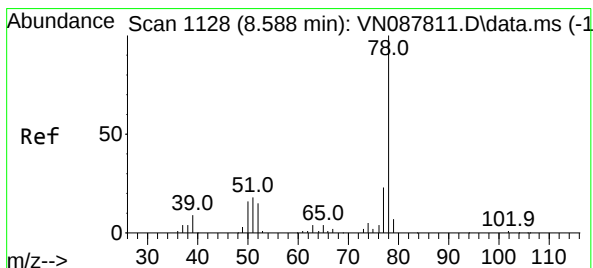
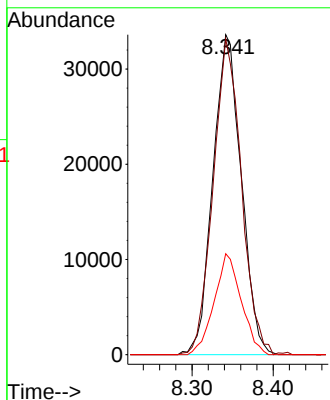
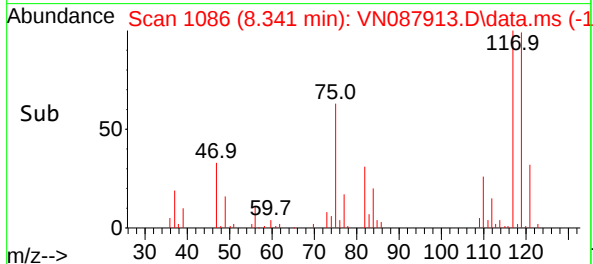
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



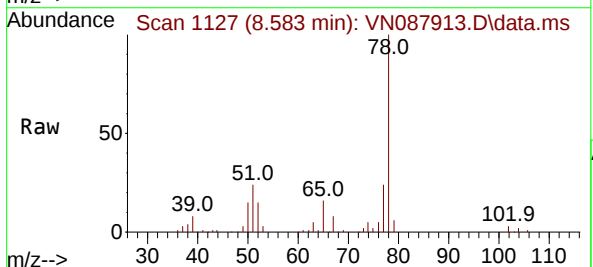
Tgt Ion: 117 Resp: 8152
Ion Ratio Lower Upper
117 100
119 98.7 77.3 115.9
121 31.6 26.6 39.8

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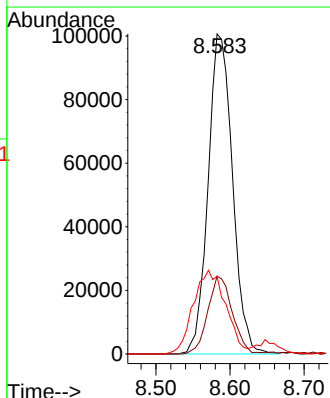
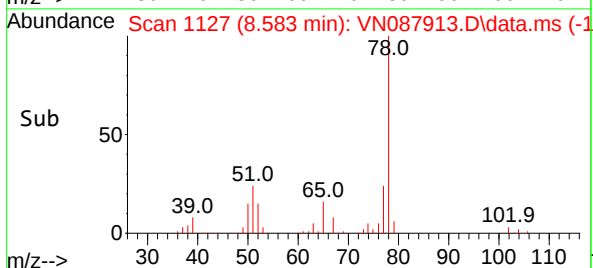
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

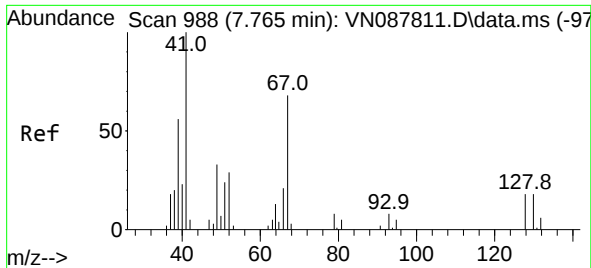


#34
Benzene
Concen: 19.046 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57



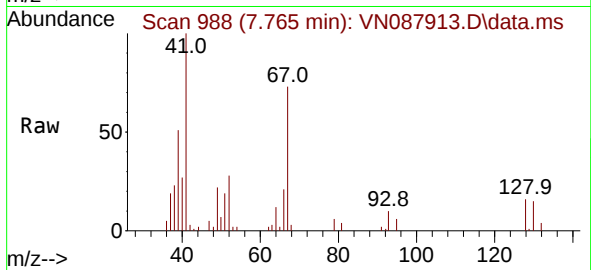
Tgt Ion: 78 Resp: 230417
Ion Ratio Lower Upper
78 100
77 24.3 20.3 30.5
51 22.4 18.0 27.0





#35
Methacrylonitrile
Concen: 18.622 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

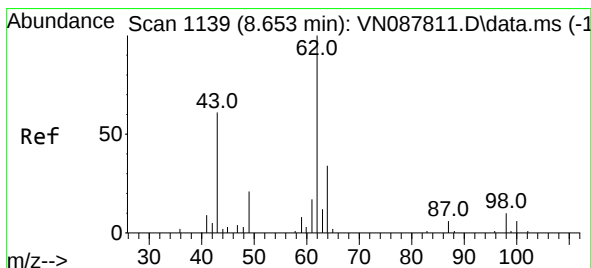
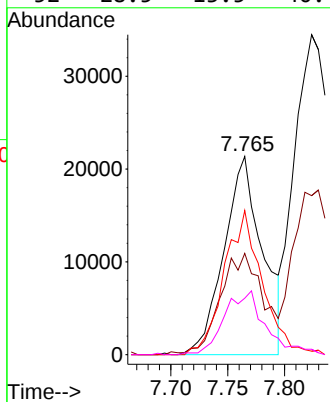
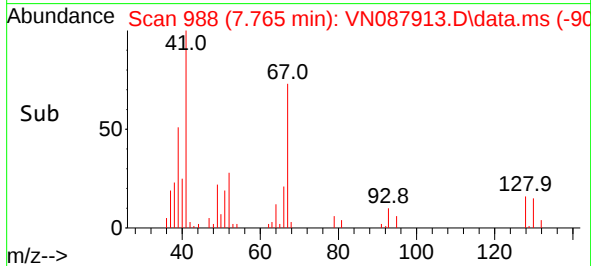
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



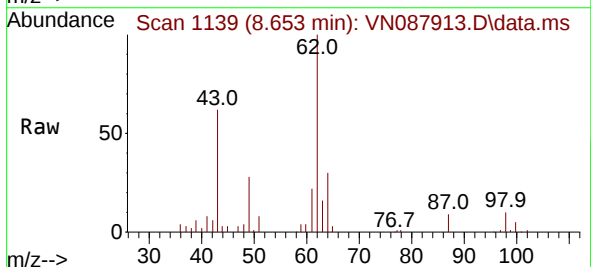
Tgt Ion: 41 Resp: 50228
Ion Ratio Lower Upper
41 100
39 50.1 27.1 81.2
67 72.7 32.1 96.5
52 28.5 13.5 40.4

Manual Integrations
APPROVED

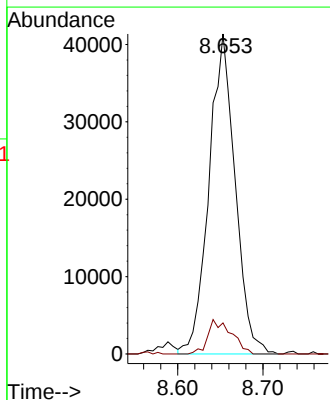
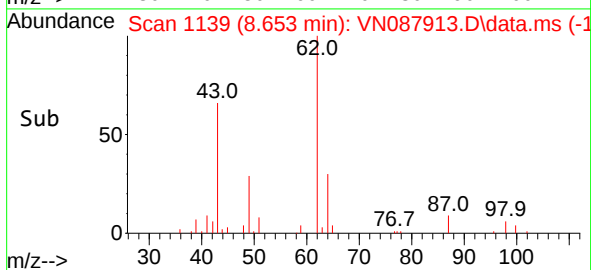
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

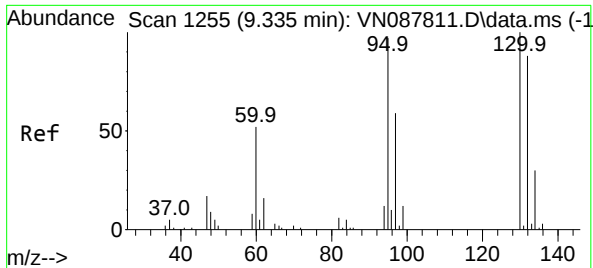


#36
1,2-Dichloroethane
Concen: 19.356 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57



Tgt Ion: 62 Resp: 88454
Ion Ratio Lower Upper
62 100
98 9.2 7.2 10.8





#37

Trichloroethene

Concen: 19.343 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

Tgt Ion:130 Resp: 5231

Ion Ratio Lower Upper

130 100

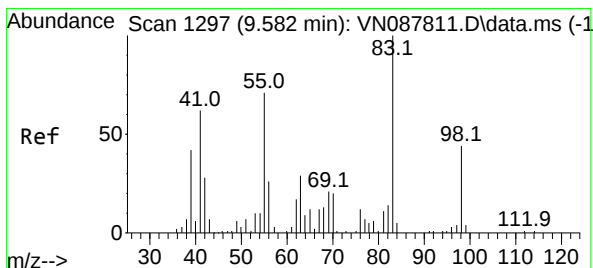
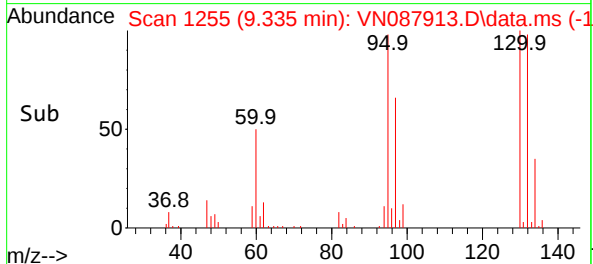
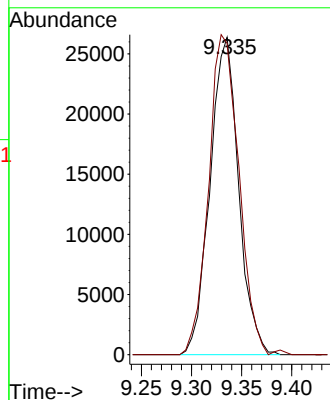
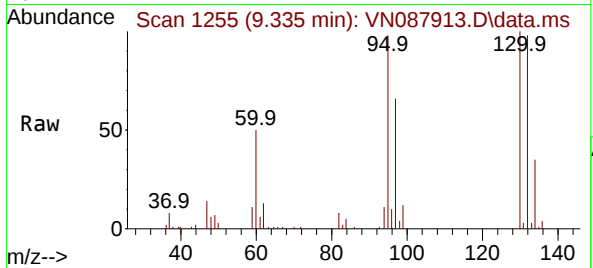
95 98.1 82.7 124.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#38

Methylcyclohexane

Concen: 16.188 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

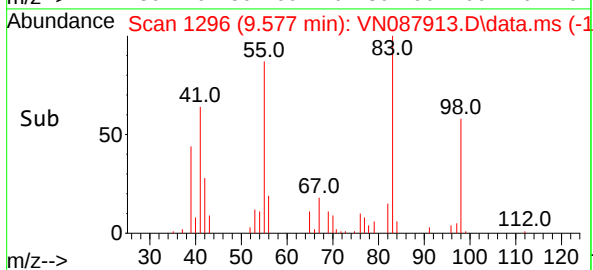
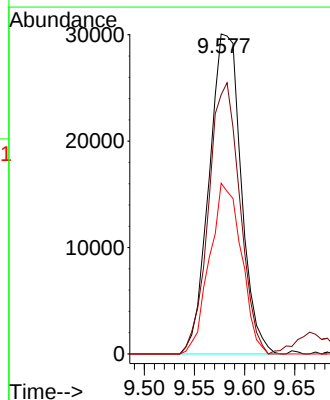
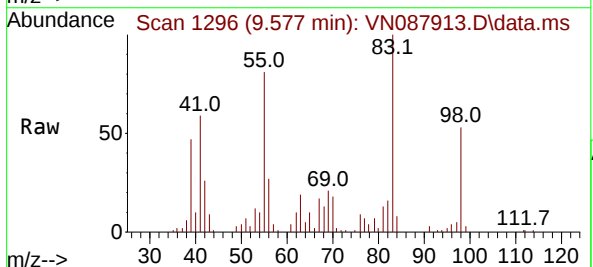
Tgt Ion: 83 Resp: 66726

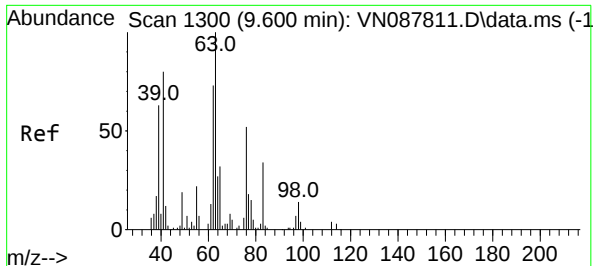
Ion Ratio Lower Upper

83 100

55 82.7 40.4 121.1

98 52.9 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.652 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

Tgt Ion: 63 Resp: 6089

Ion Ratio Lower Upper

63 100

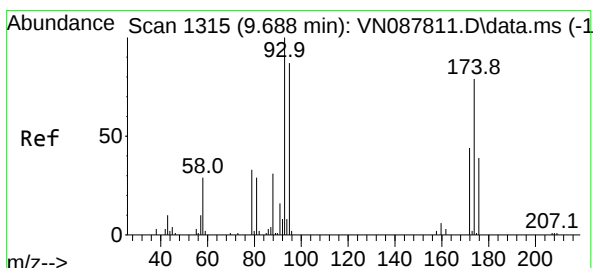
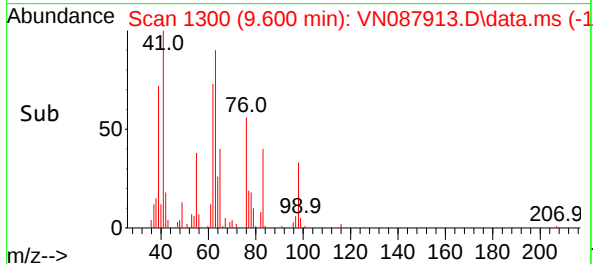
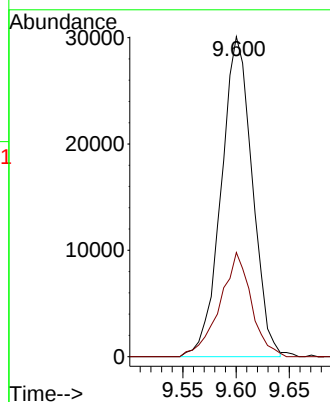
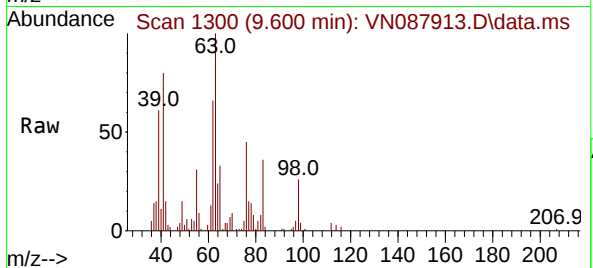
65 32.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#40

Dibromomethane

Concen: 20.795 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

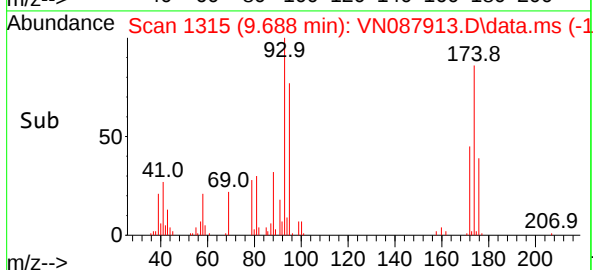
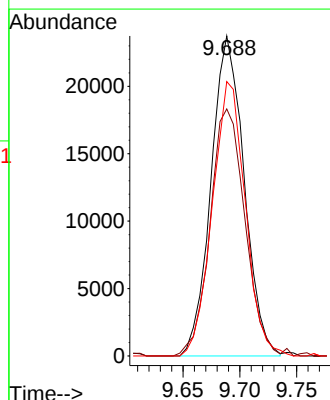
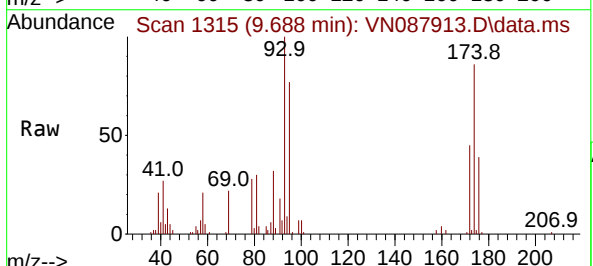
Tgt Ion: 93 Resp: 47952

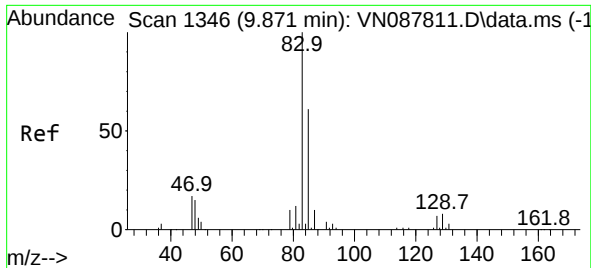
Ion Ratio Lower Upper

93 100

95 81.3 0.0 168.4

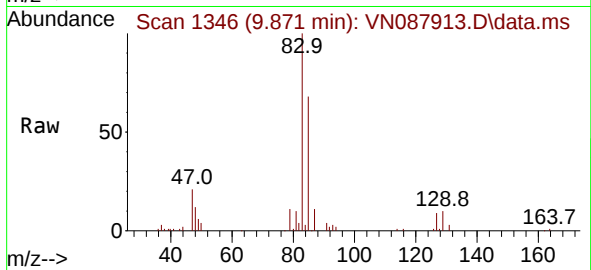
174 85.6 0.0 162.8





#41
Bromodichloromethane
Concen: 20.063 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

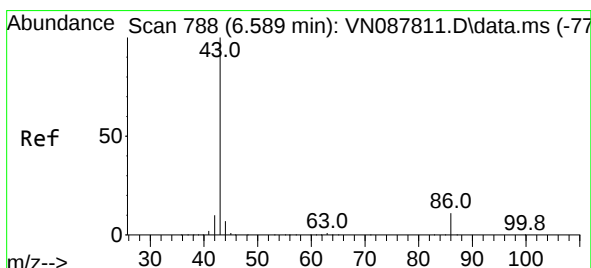
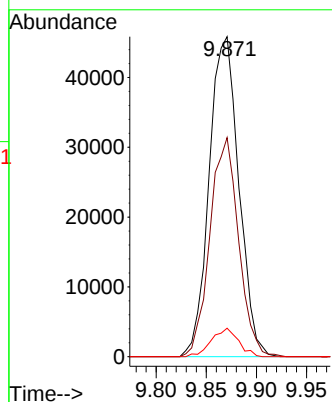
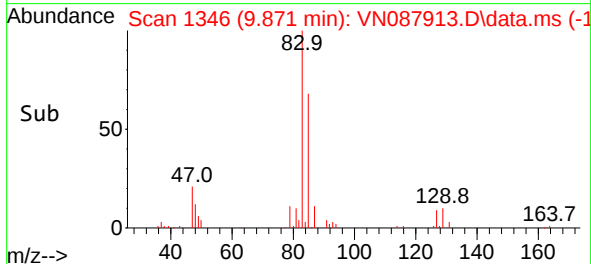
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



Tgt Ion: 83 Resp: 9456
Ion Ratio Lower Upper
83 100
85 68.5 47.3 70.9
127 8.9 5.2 7.8

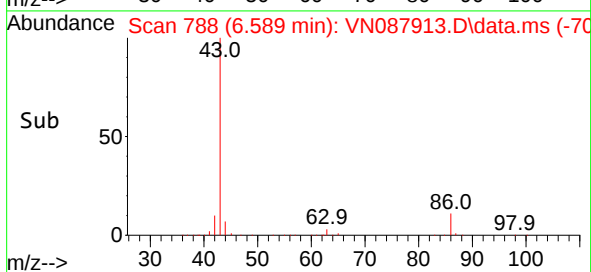
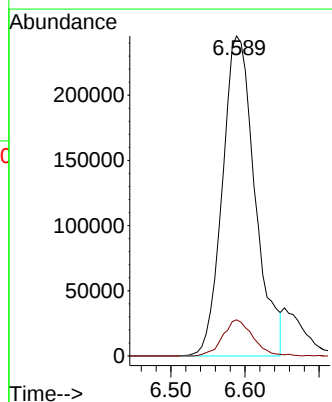
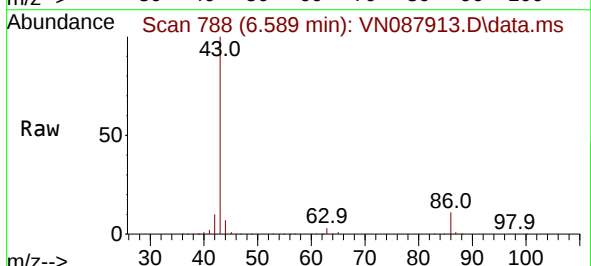
Manual Integrations
APPROVED

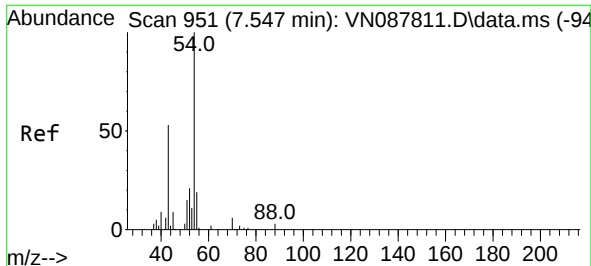
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#42
Vinyl Acetate
Concen: 87.043 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

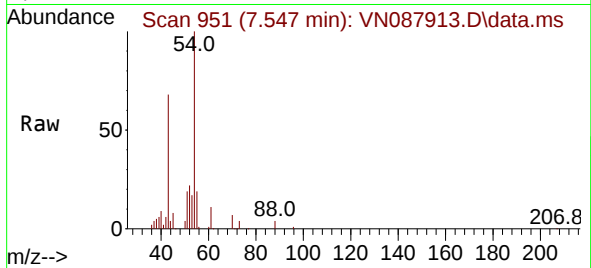
Tgt Ion: 43 Resp: 749949
Ion Ratio Lower Upper
43 100
86 10.4 7.7 11.5





#43
Ethyl Acetate
Concen: 18.245 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

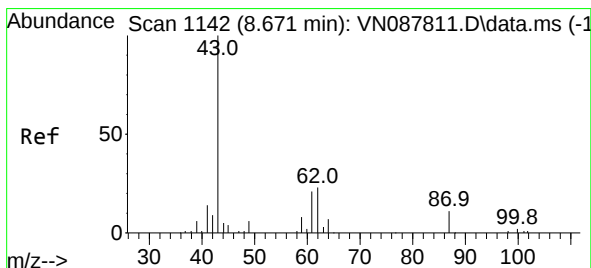
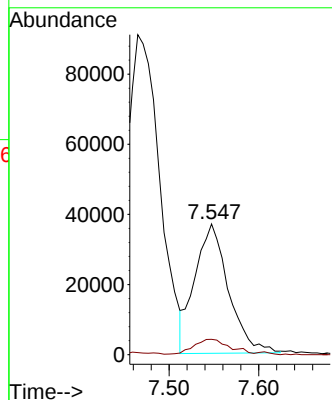
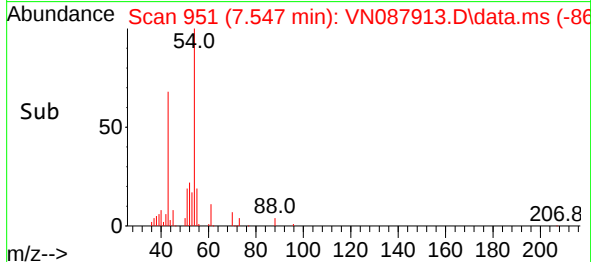
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



Tgt Ion: 43 Resp: 9612
Ion Ratio Lower Upper
43 100
45 11.2 10.5 15.7

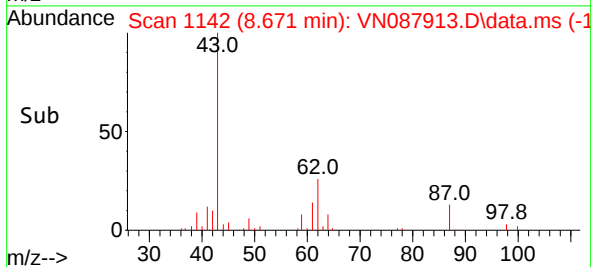
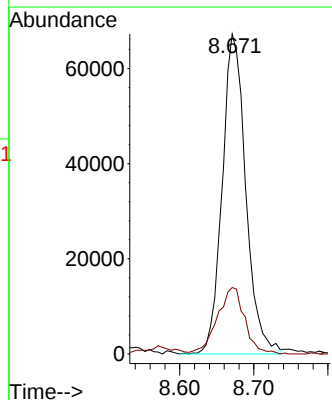
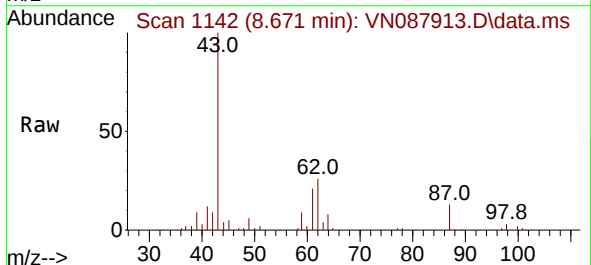
Manual Integrations
APPROVED

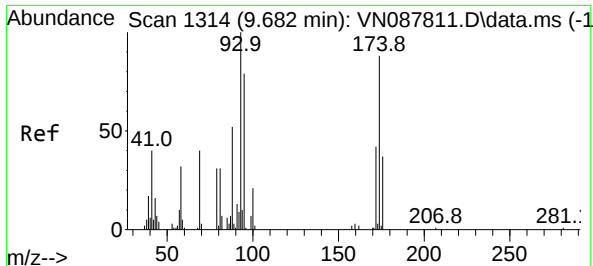
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#44
Isopropyl Acetate
Concen: 17.980 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 43 Resp: 148503
Ion Ratio Lower Upper
43 100
61 24.1 19.5 29.3





#45

1,4-Dioxane

Concen: 378.509 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

Tgt Ion: 88 Resp: 1971

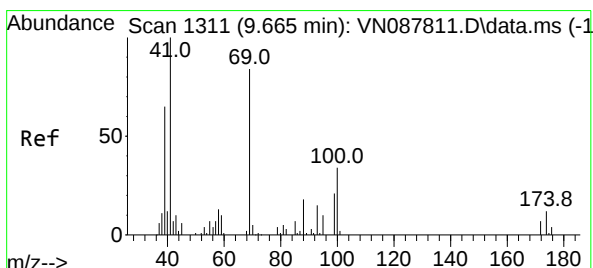
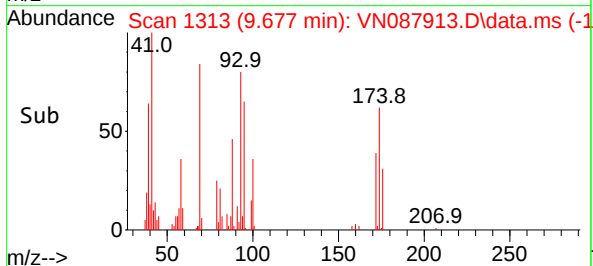
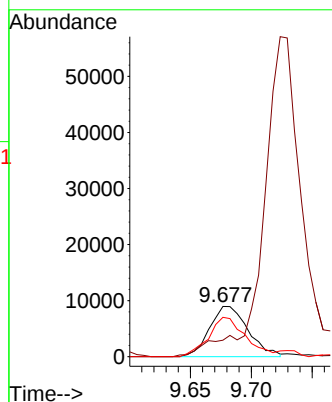
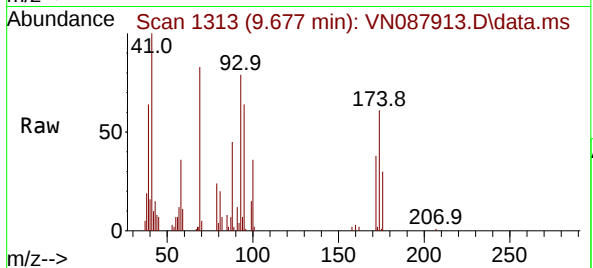
Ion	Ratio	Lower	Upper
88	100		
43	15.4	23.6	35.4
58	74.8	60.5	90.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#46

Methyl methacrylate

Concen: 16.765 ug/l

RT: 9.665 min Scan# 1311

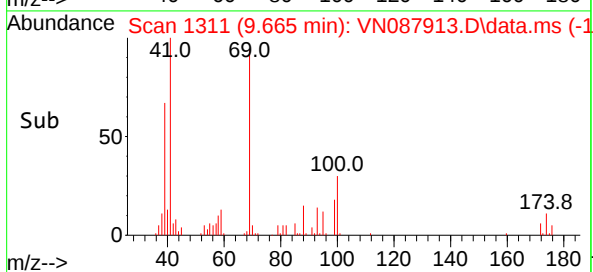
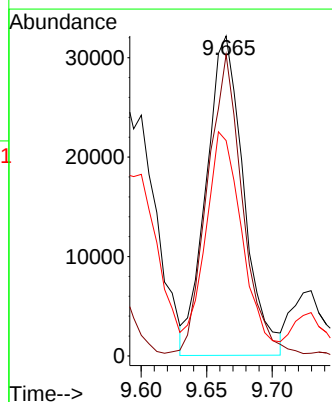
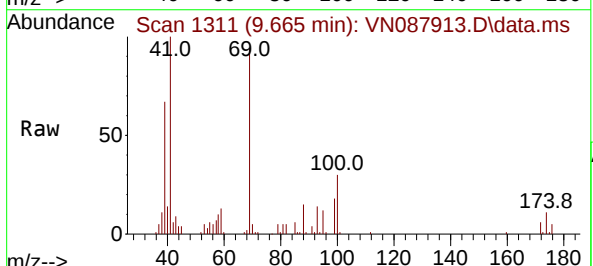
Delta R.T. -0.000 min

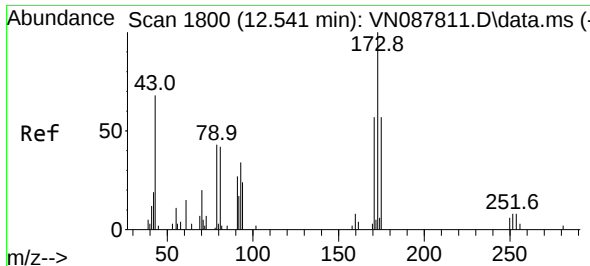
Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Tgt Ion: 41 Resp: 63823

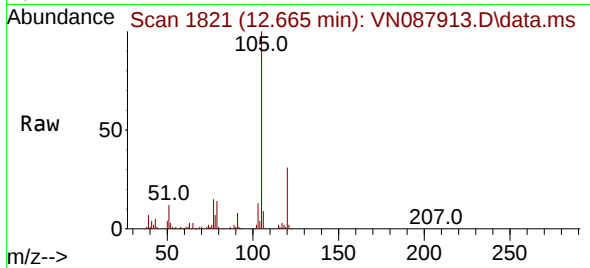
Ion	Ratio	Lower	Upper
41	100		
69	99.5	40.3	120.9
39	67.7	31.9	95.9





#47
n-amyl acetate
Concen: 17.803 ug/l m
RT: 12.665 min Scan# 1800
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

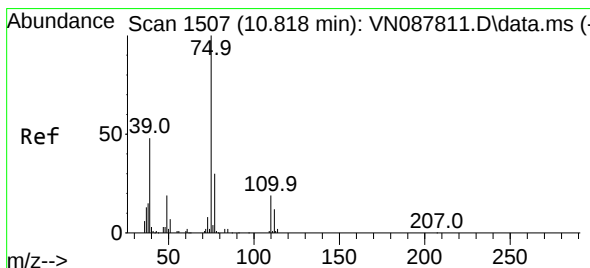
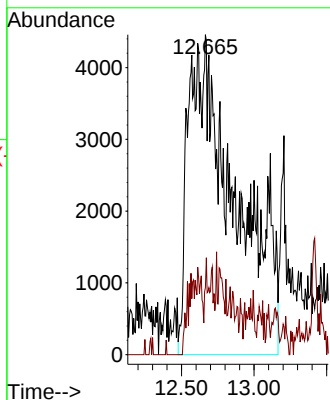
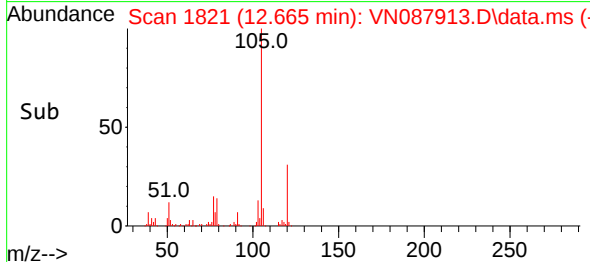
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



Tgt Ion: 43 Resp: 9936
Ion Ratio Lower Upper
43 100
55 1.3 0.7 1.1

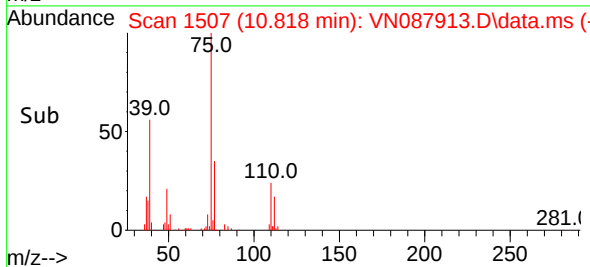
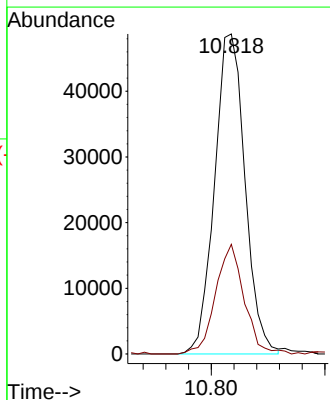
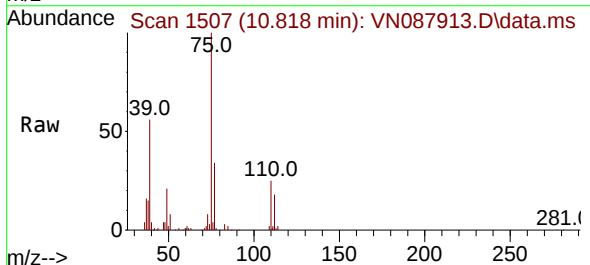
Manual Integrations
APPROVED

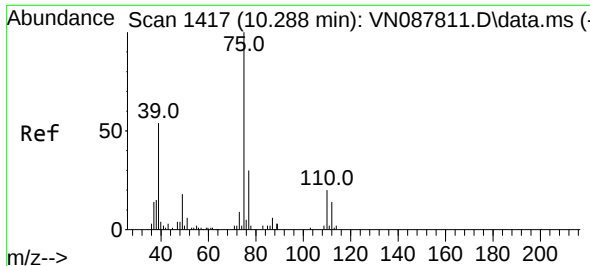
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#48
t-1,3-Dichloropropene
Concen: 18.537 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

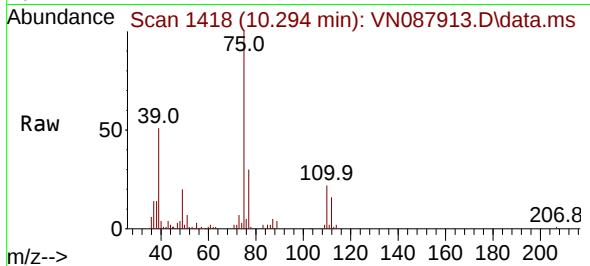
Tgt Ion: 75 Resp: 90740
Ion Ratio Lower Upper
75 100
77 34.3 24.7 37.1





#49
cis-1,3-Dichloropropene
Concen: 19.838 ug/l
RT: 10.294 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

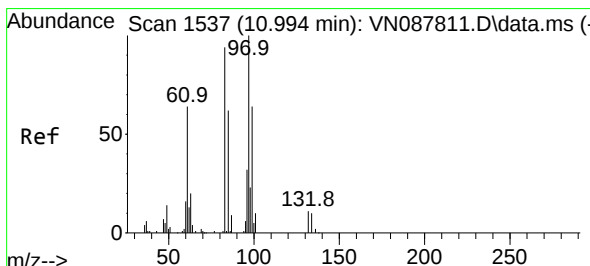
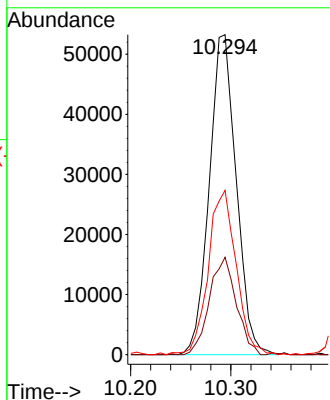
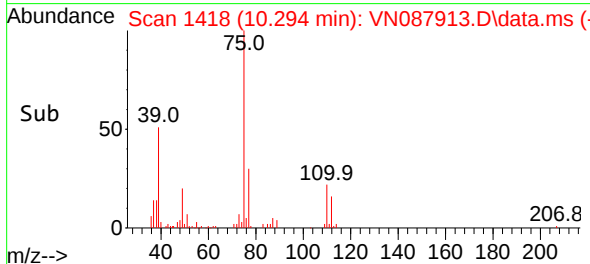
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



Tgt Ion: 75 Resp: 99462
Ion Ratio Lower Upper
75 100
77 30.5 27.8 41.6
39 51.4 47.6 71.4

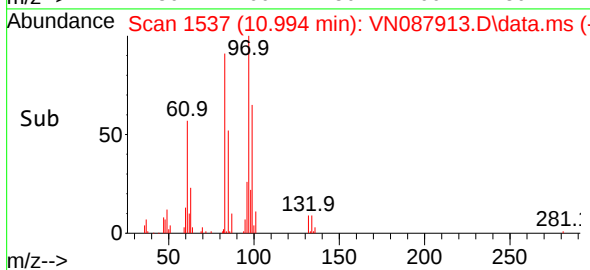
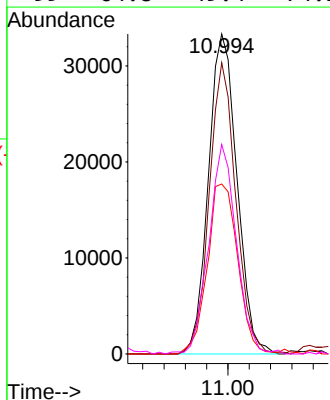
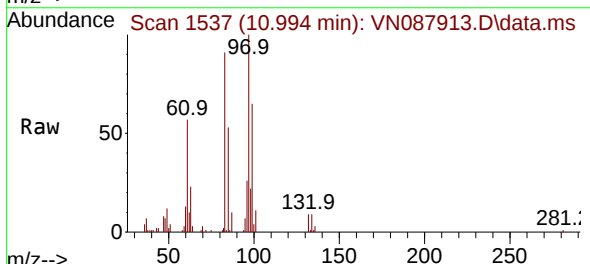
Manual Integrations
APPROVED

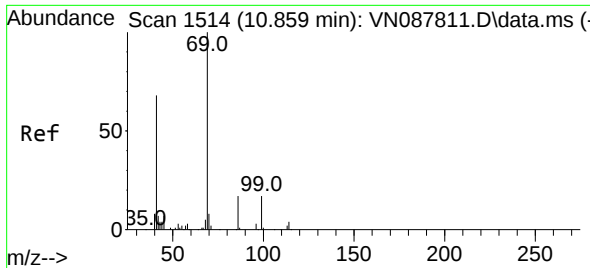
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#50
1,1,2-Trichloroethane
Concen: 20.819 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

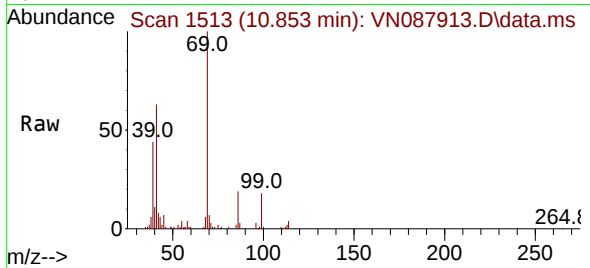
Tgt Ion: 97 Resp: 62007
Ion Ratio Lower Upper
97 100
83 91.0 70.5 105.7
85 53.1 46.3 69.5
99 64.8 49.4 74.2





#51
Ethyl methacrylate
Concen: 18.198 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

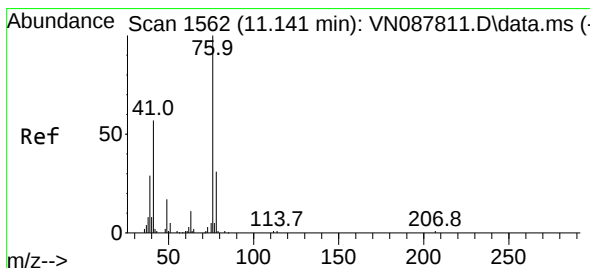
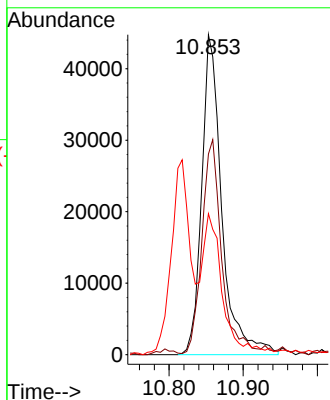
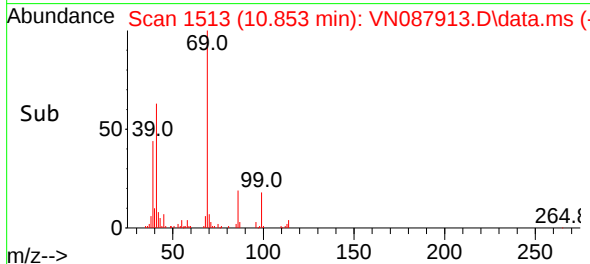
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



Tgt Ion: 69 Resp: 84350
Ion Ratio Lower Upper
69 100
41 62.2 33.7 101.0
39 42.8 20.3 60.9

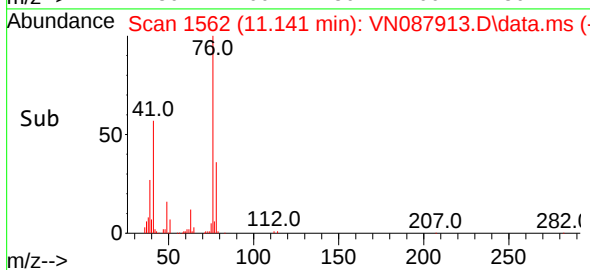
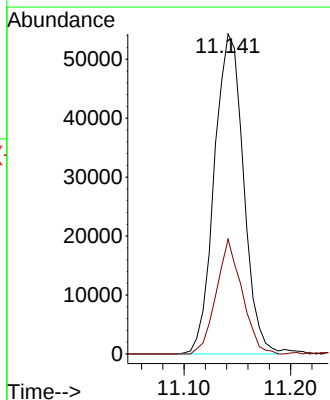
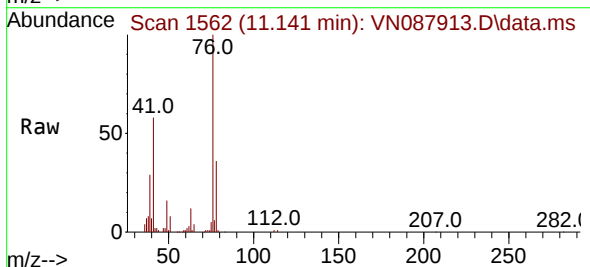
Manual Integrations
APPROVED

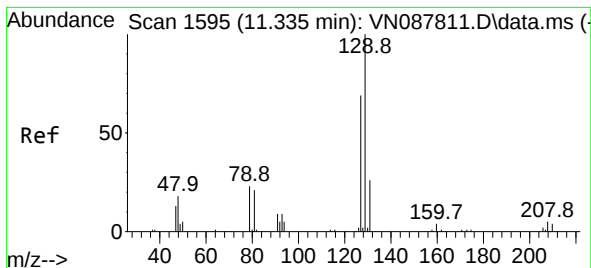
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#52
1,3-Dichloropropane
Concen: 19.975 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

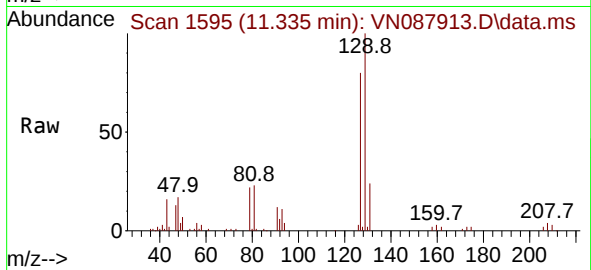
Tgt Ion: 76 Resp: 103305
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.2





#53
Dibromochloromethane
Concen: 21.266 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

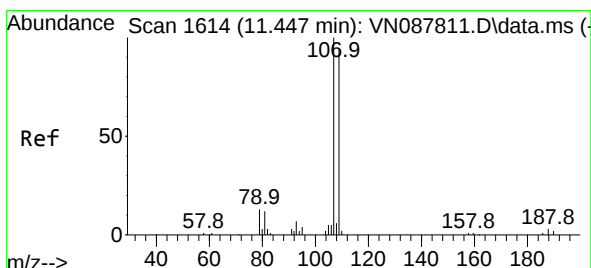
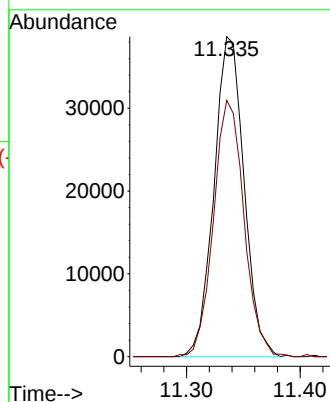
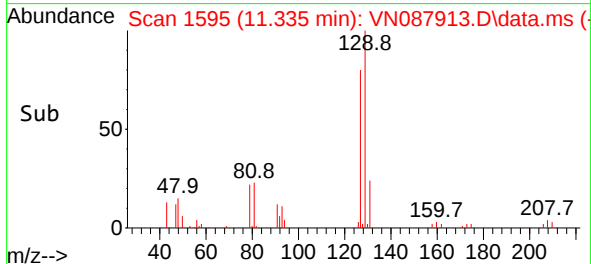
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



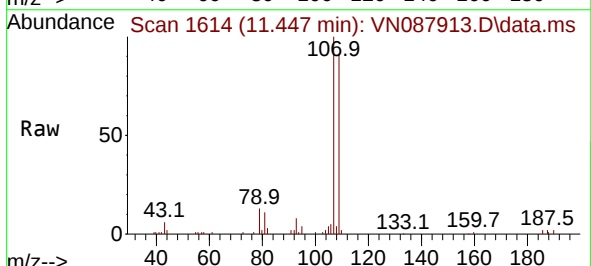
Tgt Ion:129 Resp: 71010
Ion Ratio Lower Upper
129 100
127 81.1 42.6 128.0

Manual Integrations
APPROVED

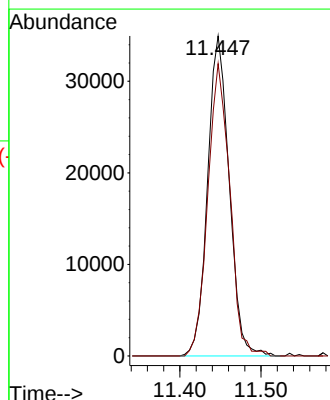
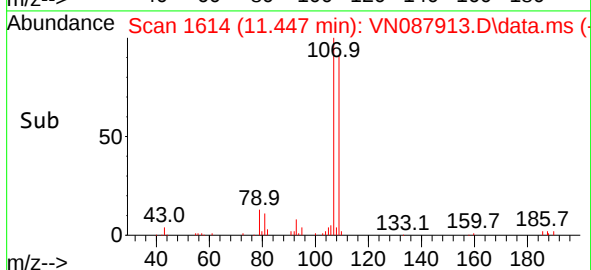
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

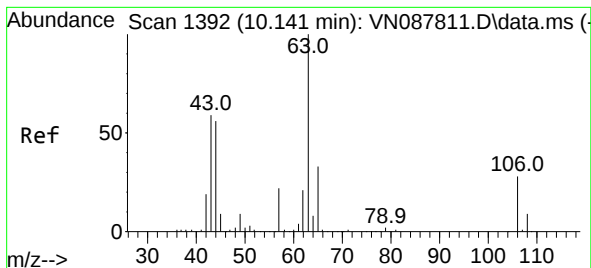


#54
1,2-Dibromoethane
Concen: 20.864 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57



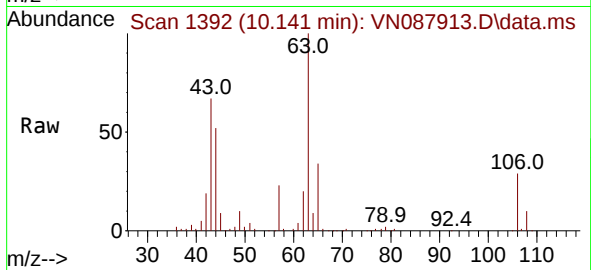
Tgt Ion:107 Resp: 64658
Ion Ratio Lower Upper
107 100
109 92.5 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 86.026 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

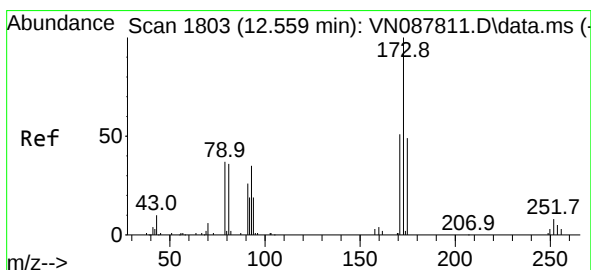
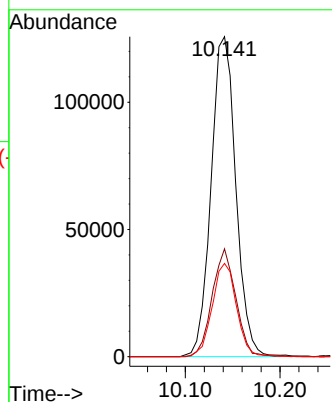
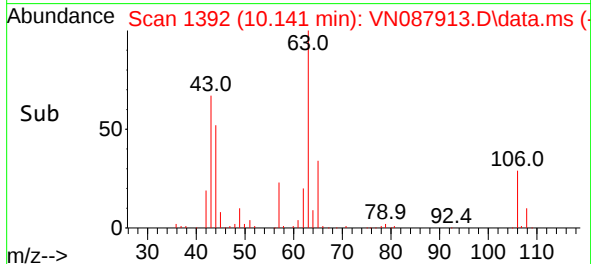
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



Tgt Ion: 63 Resp: 22846
Ion Ratio Lower Upper
63 100
65 32.1 26.6 40.0
106 28.7 21.1 31.7

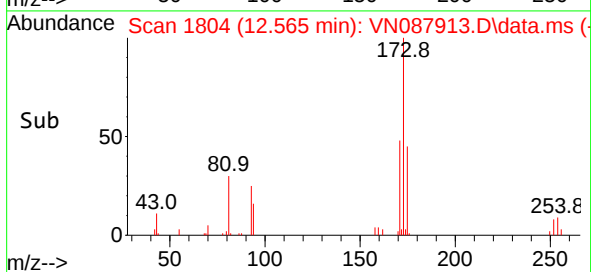
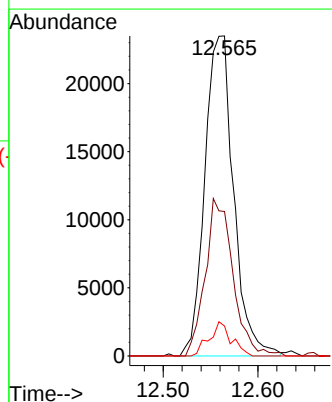
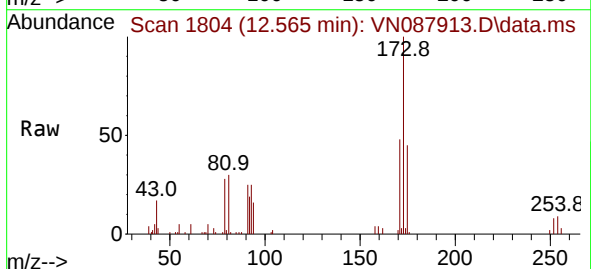
Manual Integrations
APPROVED

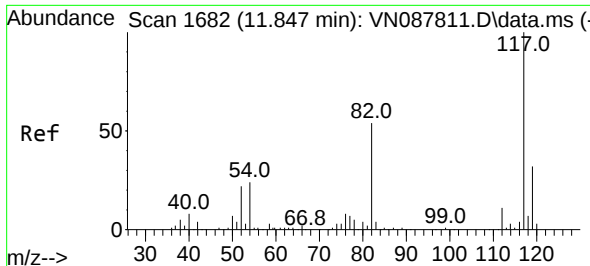
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#56
Bromoform
Concen: 22.755 ug/l
RT: 12.565 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

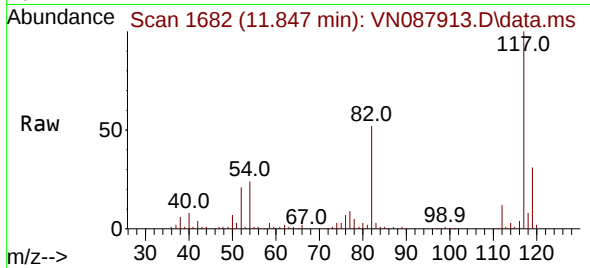
Tgt Ion:173 Resp: 49625
Ion Ratio Lower Upper
173 100
175 47.0 39.8 59.6
254 6.4 6.2 9.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

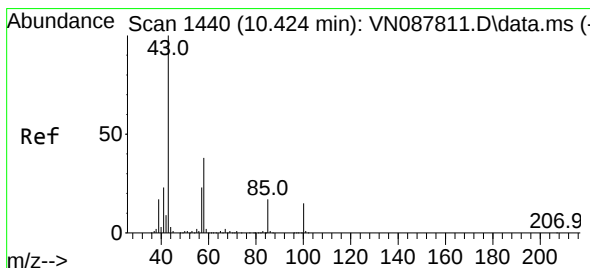
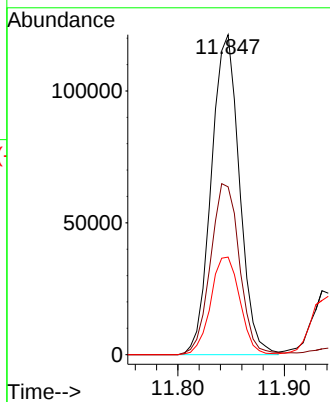
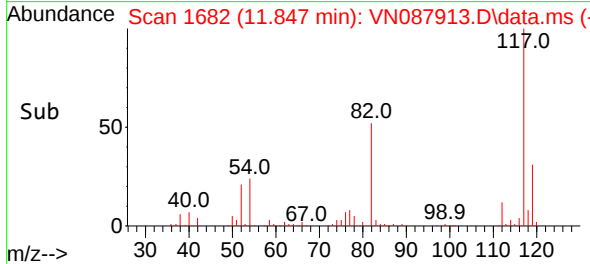
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



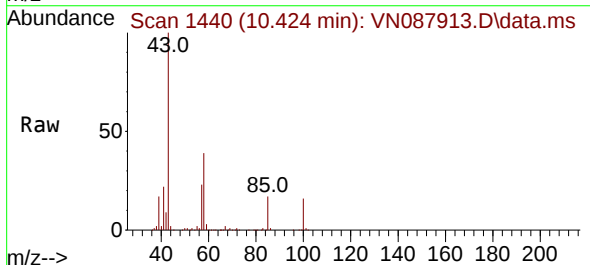
Tgt Ion: 117 Resp: 22254
Ion Ratio Lower Upper
117 100
82 55.2 45.9 68.9
119 31.7 25.3 37.9

Manual Integrations
APPROVED

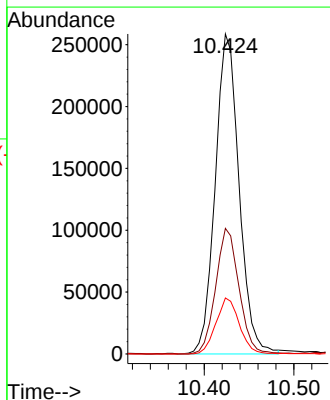
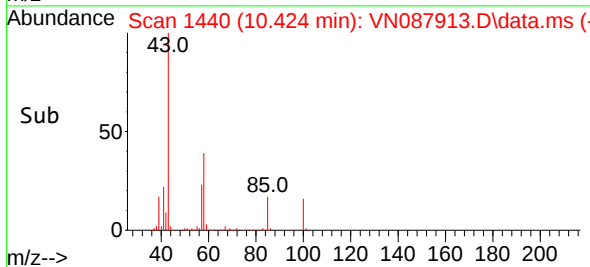
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

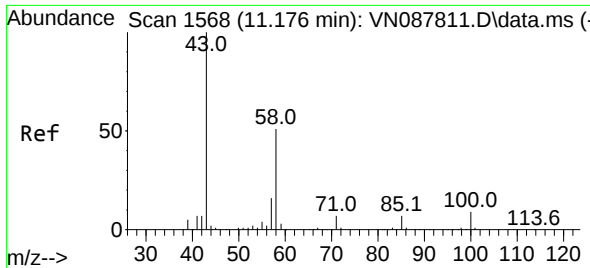


#58
4-Methyl-2-Pentanone
Concen: 90.769 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57



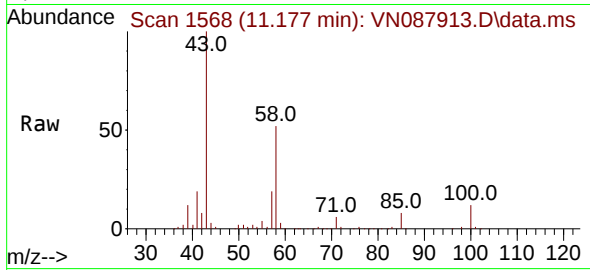
Tgt Ion: 43 Resp: 477626
Ion Ratio Lower Upper
43 100
58 38.3 29.6 44.4
85 17.1 13.0 19.4





#59
2-Hexanone
Concen: 91.474 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

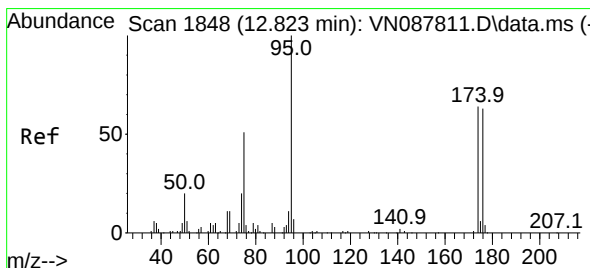
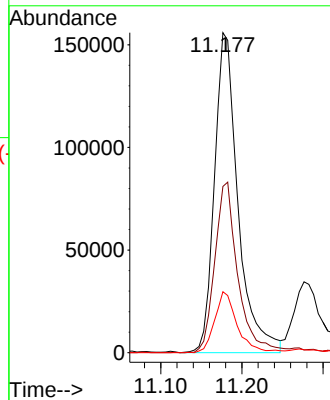
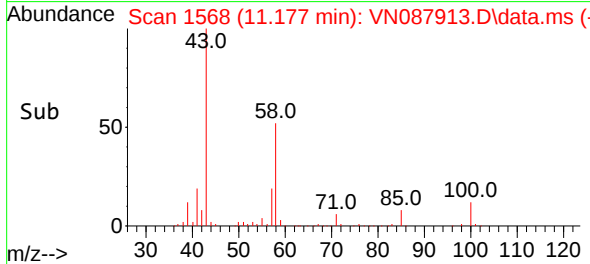
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



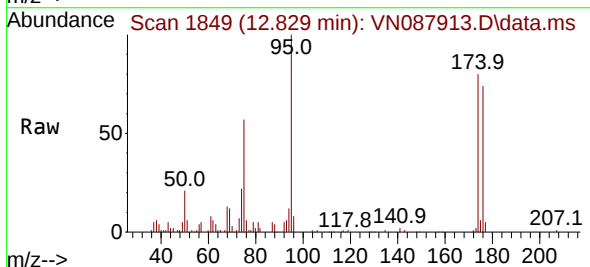
Tgt Ion: 43 Resp: 314529
Ion Ratio Lower Upper
43 100
58 51.9 40.2 60.4
57 17.8 13.7 20.5

Manual Integrations
APPROVED

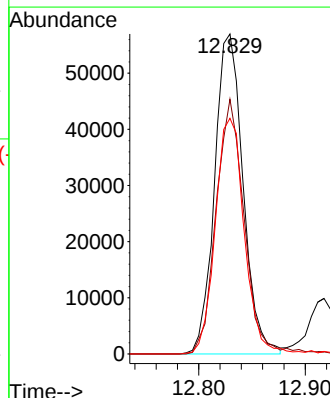
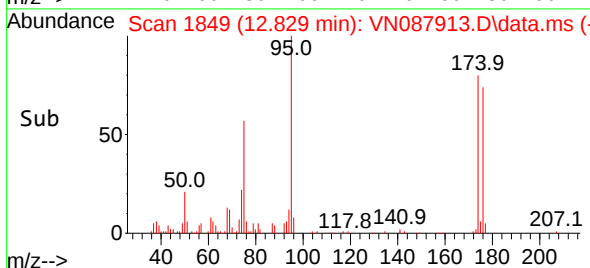
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

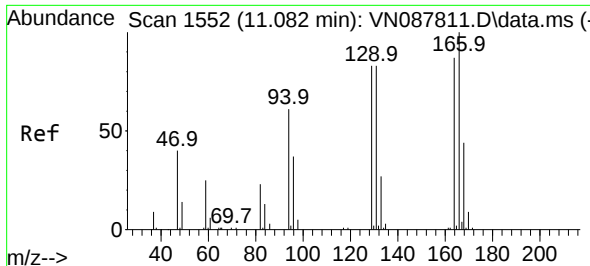


#60
4-Bromofluorobenzene
Concen: 29.528 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57



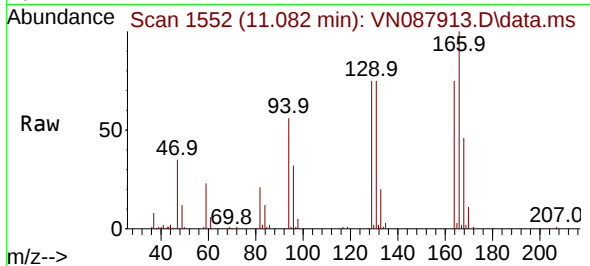
Tgt Ion: 95 Resp: 105659
Ion Ratio Lower Upper
95 100
174 77.7 55.4 83.0
176 75.2 51.5 77.3





#61
Tetrachloroethene
Concen: 21.005 ug/l
RT: 11.082 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

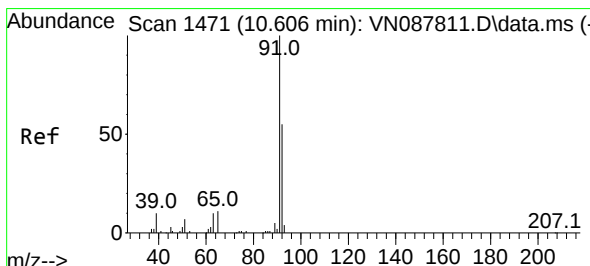
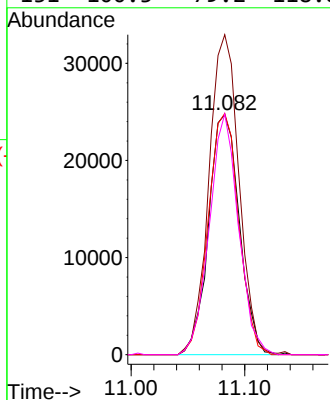
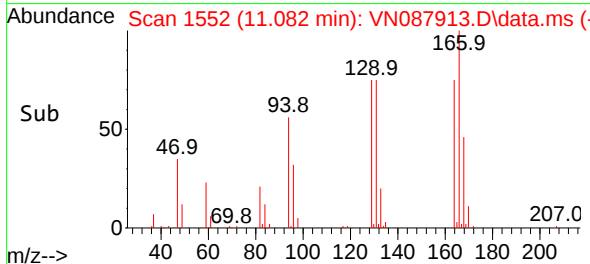
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



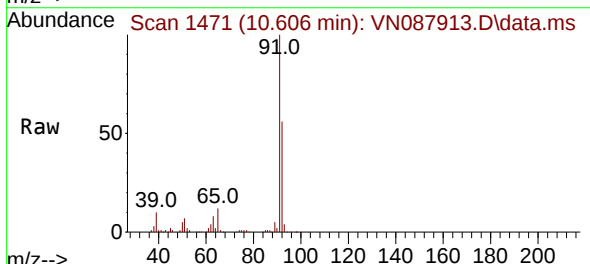
Tgt Ion:164 Resp: 4654
Ion Ratio Lower Upper
164 100
166 133.3 97.3 145.9
129 100.6 78.6 117.8
131 100.3 79.2 118.8

Manual Integrations
APPROVED

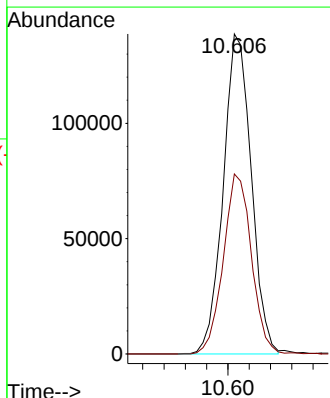
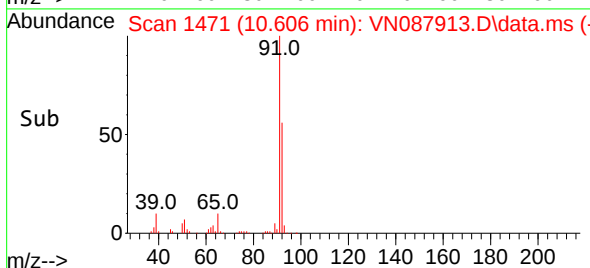
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

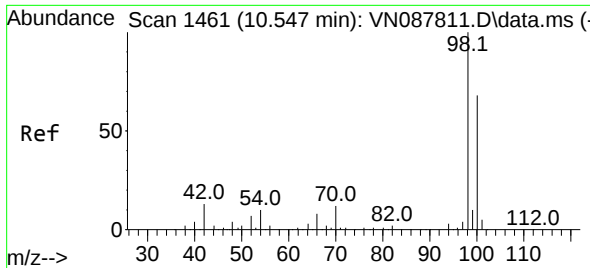


#62
Toluene
Concen: 18.806 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57



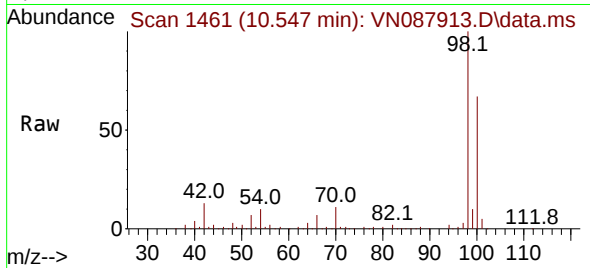
Tgt Ion: 91 Resp: 253155
Ion Ratio Lower Upper
91 100
92 56.4 45.4 68.0





#63
Toluene-d8
Concen: 28.379 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

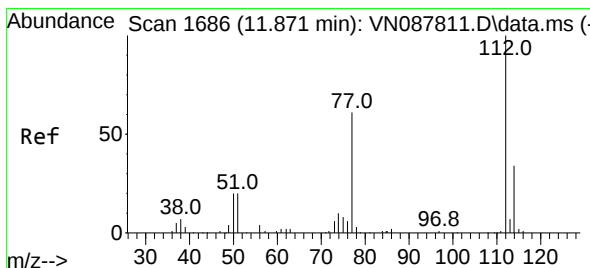
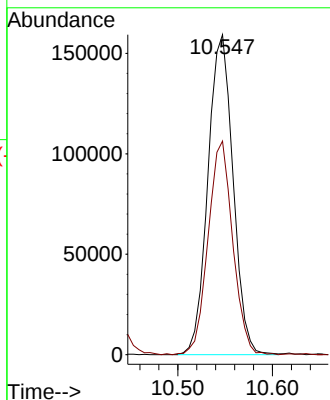
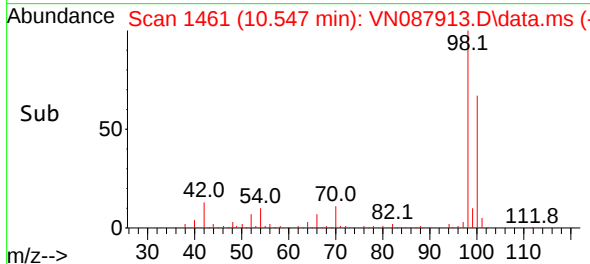
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



Tgt Ion: 98 Resp: 293704
Ion Ratio Lower Upper
98 100
100 65.4 50.6 76.0

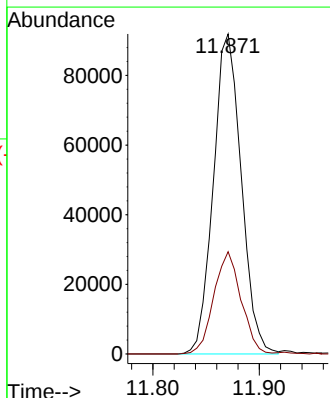
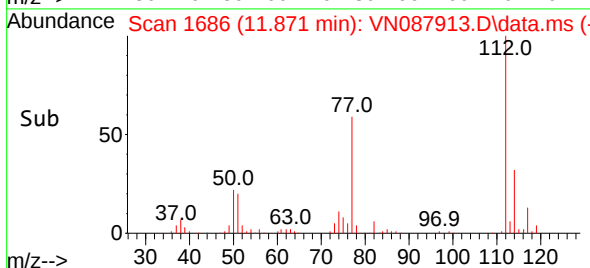
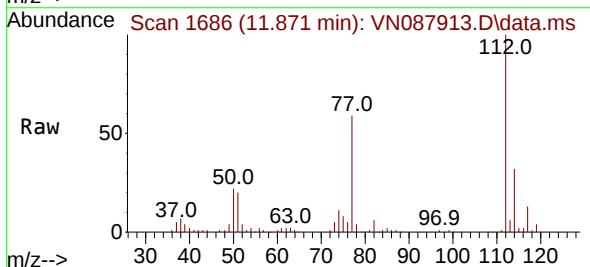
Manual Integrations
APPROVED

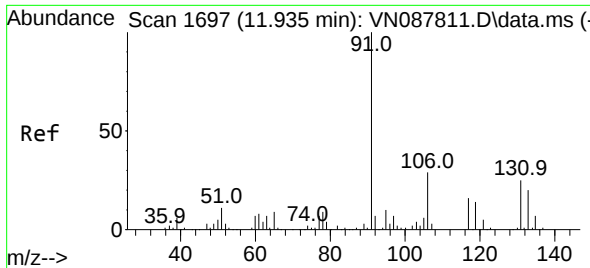
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#64
Chlorobenzene
Concen: 20.246 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion:112 Resp: 167272
Ion Ratio Lower Upper
112 100
114 32.0 23.5 35.3





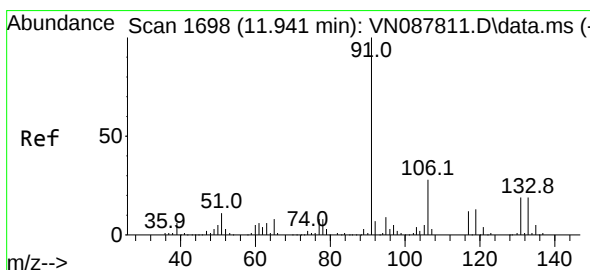
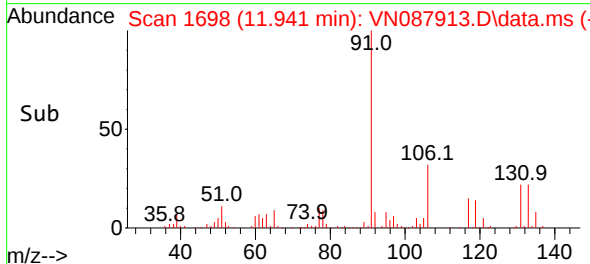
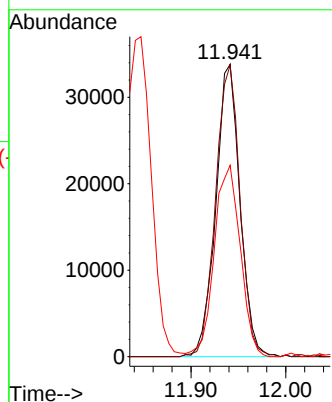
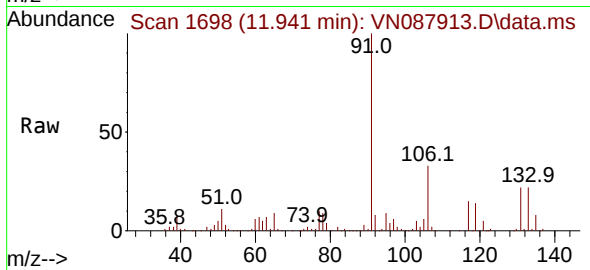
#65
1,1,1,2-Tetrachloroethane
Concen: 20.609 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Tgt Ion:131 Resp: 5994
Ion Ratio Lower Upper
131 100
133 101.0 0.0 195.8
119 70.5 0.0 139.0

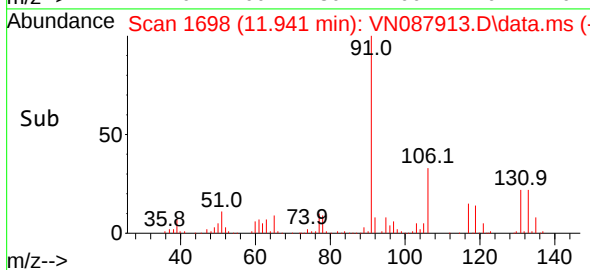
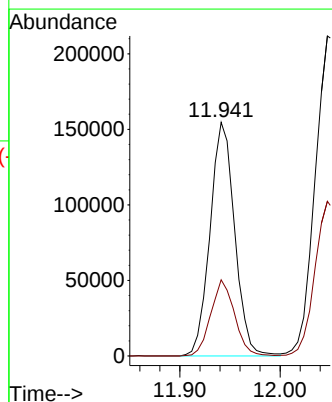
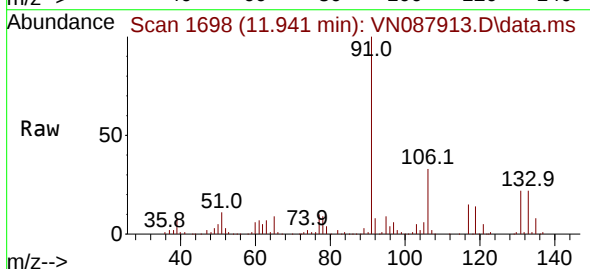
Manual Integrations
APPROVED

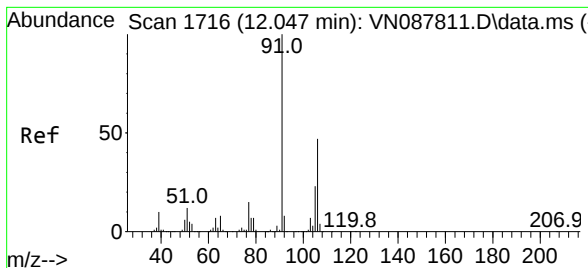
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#66
Ethyl Benzene
Concen: 18.197 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

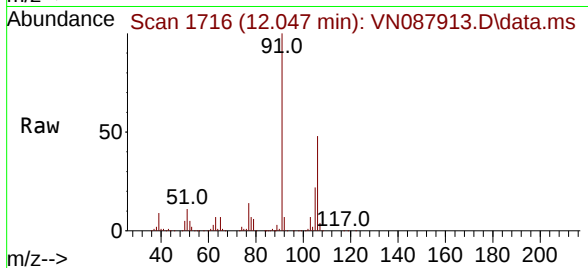
Tgt Ion: 91 Resp: 264265
Ion Ratio Lower Upper
91 100
106 32.6 21.3 31.9#





#67
m/p-Xylenes
Concen: 38.620 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

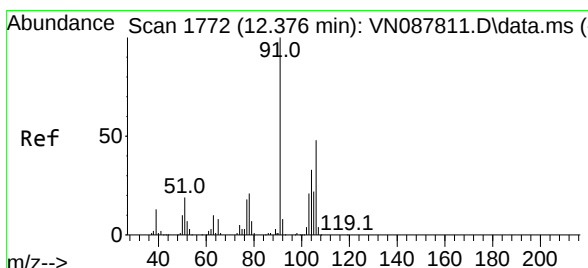
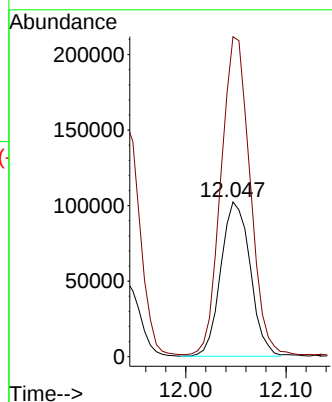
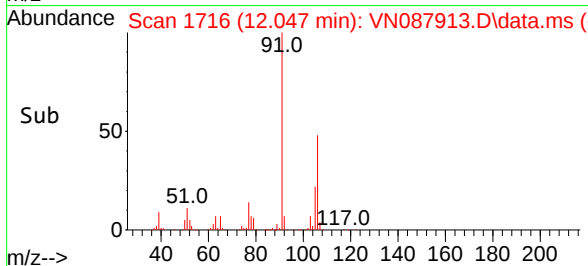
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



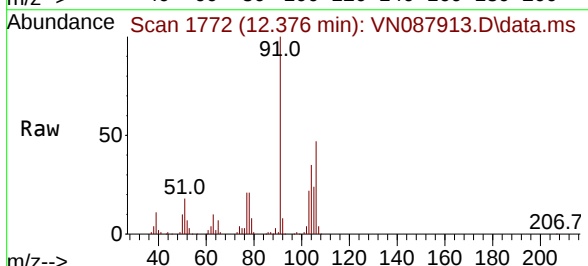
Tgt Ion:106 Resp: 208192
Ion Ratio Lower Upper
106 100
91 204.1 174.3 261.5

Manual Integrations
APPROVED

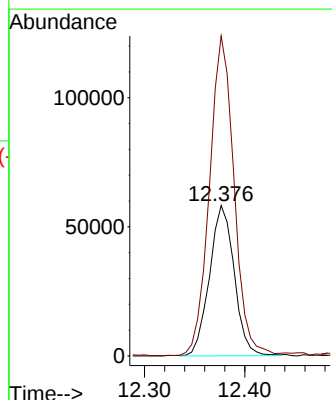
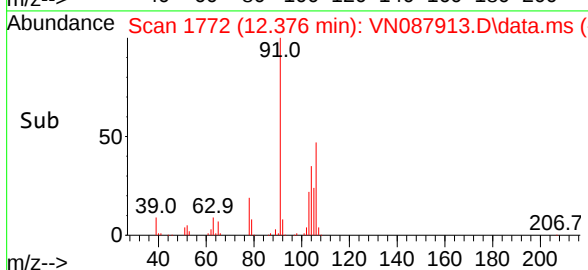
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

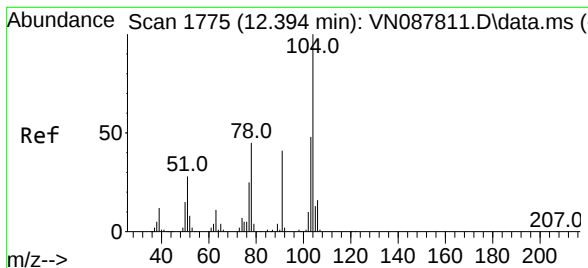


#68
o-Xylene
Concen: 19.083 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57



Tgt Ion:106 Resp: 99744
Ion Ratio Lower Upper
106 100
91 212.2 107.7 323.3





#69

Styrene

Concen: 18.483 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

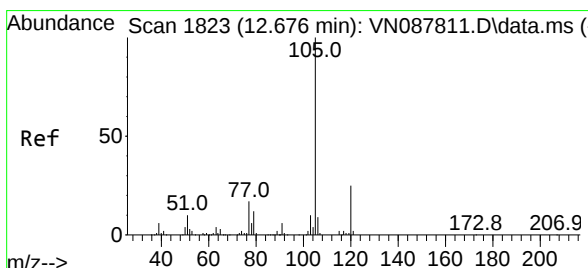
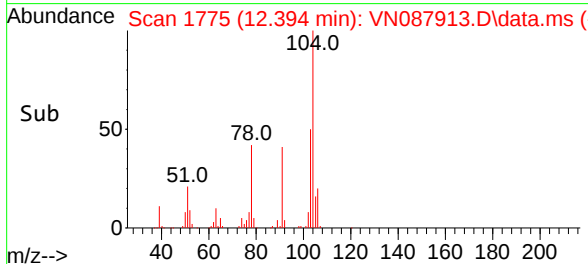
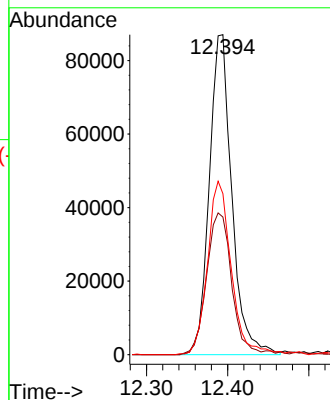
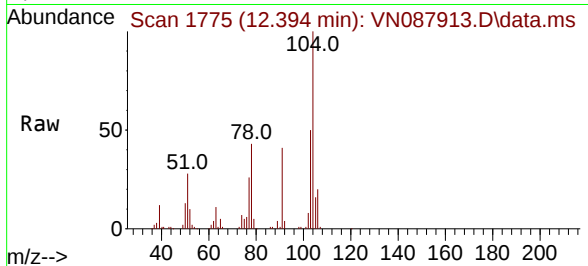
Tgt Ion:104	Resp: 167909
Ion Ratio	Lower Upper
104 100	
78 48.9	41.0 61.6
103 57.0	44.6 66.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#70

Isopropylbenzene

Concen: 18.635 ug/l

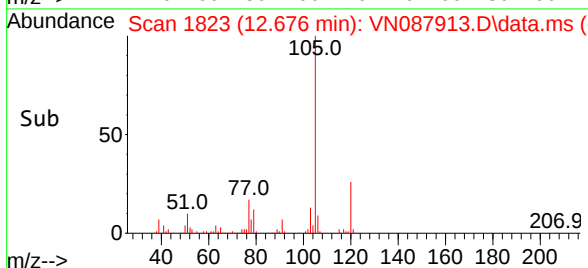
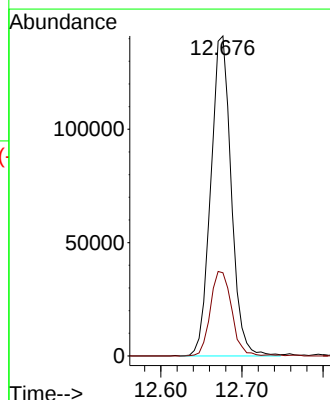
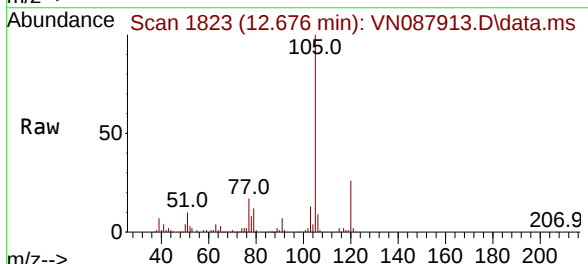
RT: 12.676 min Scan# 1823

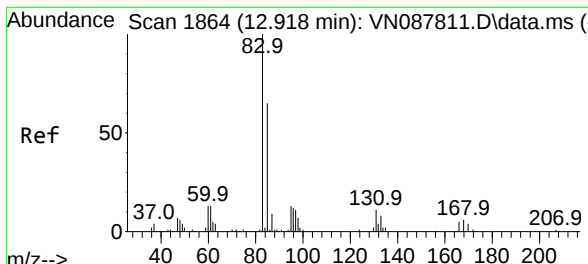
Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

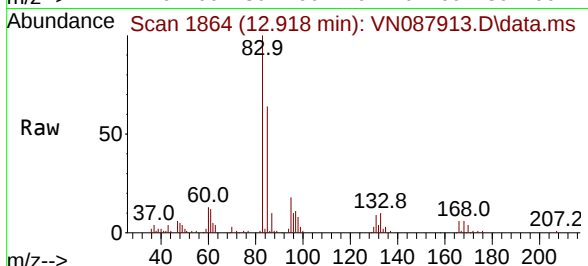
Tgt Ion:105	Resp: 246969
Ion Ratio	Lower Upper
105 100	
120 27.4	17.4 32.4





#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.804 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN087913.D
 Acq: 22 Sep 2025 10:57

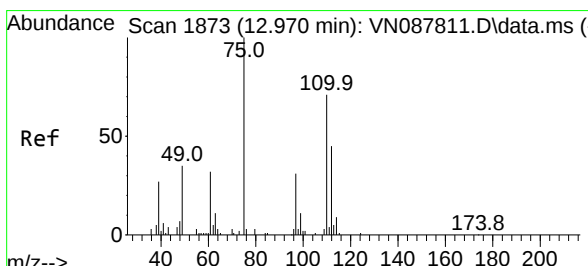
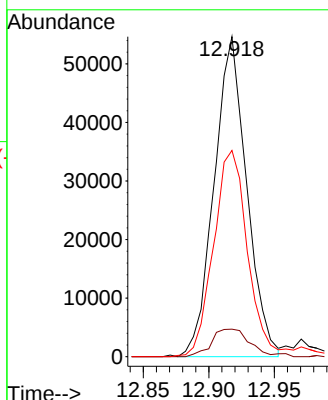
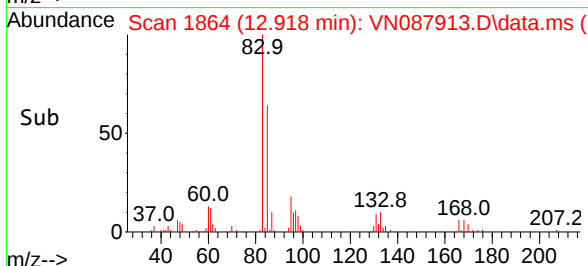
Instrument : MSVOA_N
 ClientSampleId : VN0922WBS01



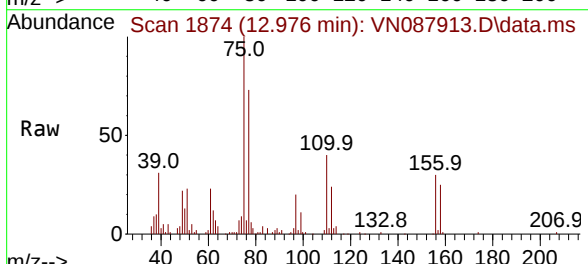
Tgt Ion: 83 Resp: 94358
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.8 14.3
 85 67.5 31.9 95.7

Manual Integrations
 APPROVED

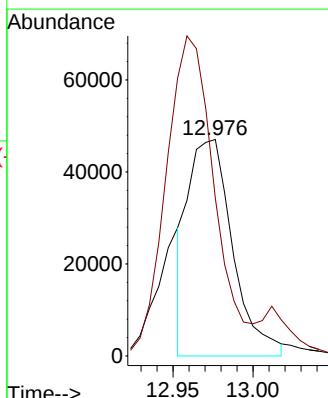
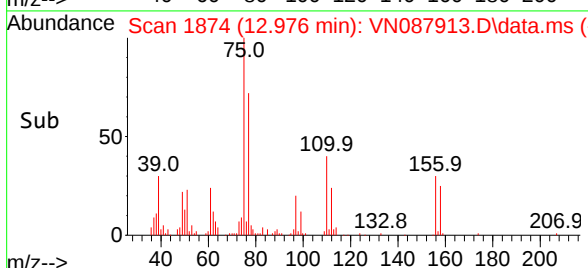
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

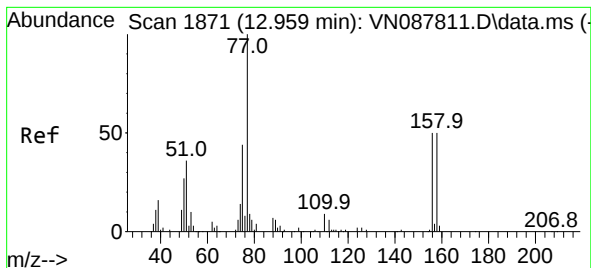


#72
 1,2,3-Trichloropropane
 Concen: 19.456 ug/l m
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.006 min
 Lab File: VN087913.D
 Acq: 22 Sep 2025 10:57



Tgt Ion: 75 Resp: 91017
 Ion Ratio Lower Upper
 75 100
 77 161.4 0.0 378.8





#73

Bromobenzene

Concen: 21.704 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.006 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

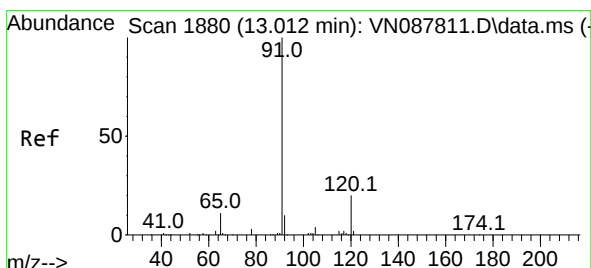
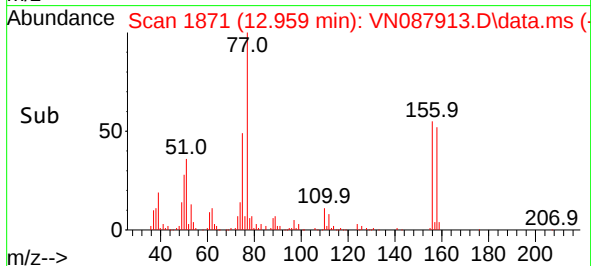
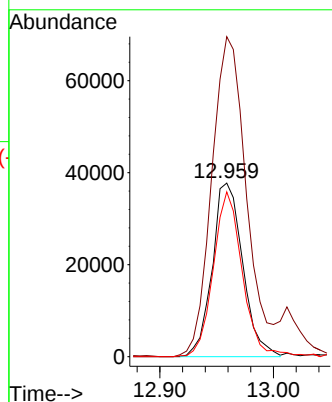
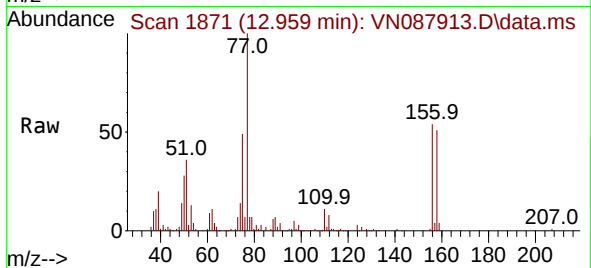
Tgt Ion:	156	Resp:	70379
Ion Ratio	Lower	Upper	
156	100		
77	208.8	0.0	484.2
158	90.5	0.0	186.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#74

n-propylbenzene

Concen: 18.906 ug/l

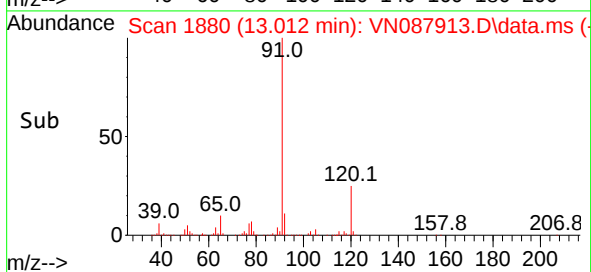
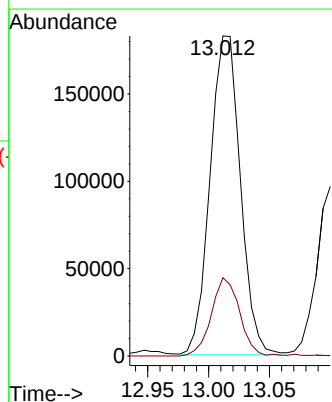
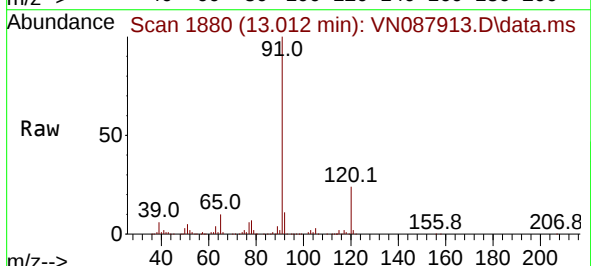
RT: 13.012 min Scan# 1880

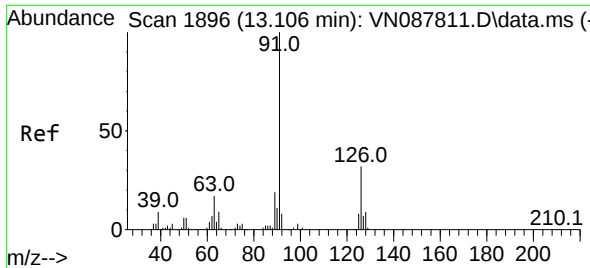
Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Tgt Ion:	91	Resp:	316138
Ion Ratio	Lower	Upper	
91	100		
120	22.7	0.0	42.2





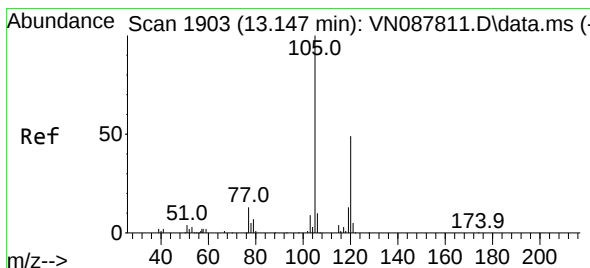
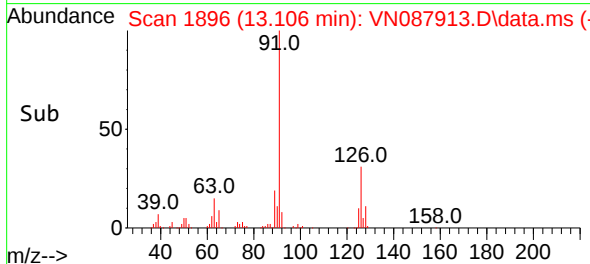
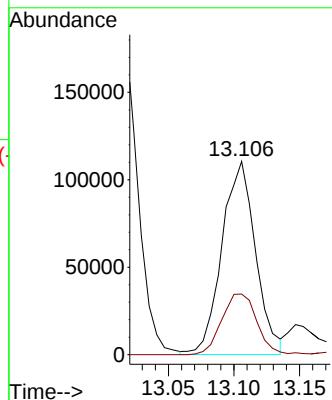
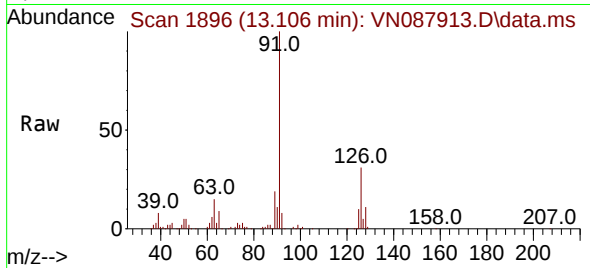
#75
2-Chlorotoluene
Concen: 19.589 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Tgt Ion: 91 Resp: 197148
Ion Ratio Lower Upper
91 100
126 32.7 0.0 60.4

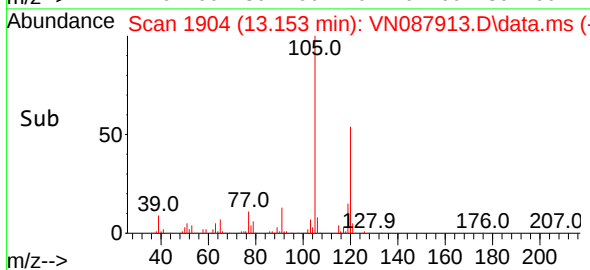
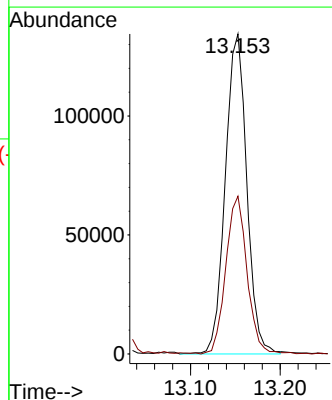
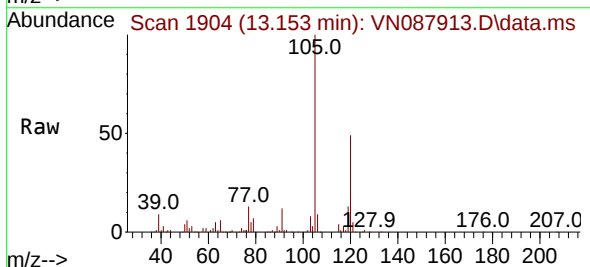
Manual Integrations
APPROVED

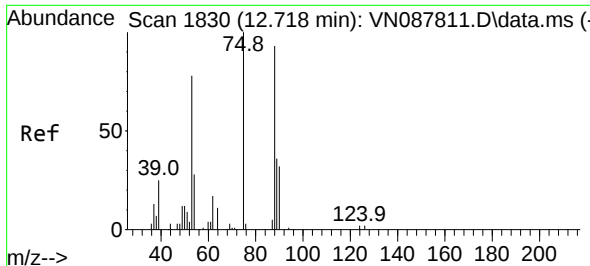
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.961 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion:105 Resp: 223396
Ion Ratio Lower Upper
105 100
120 48.6 0.0 92.6





#77

t-1,4-Dichloro-2-butene

Concen: 17.326 ug/l

RT: 12.718 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

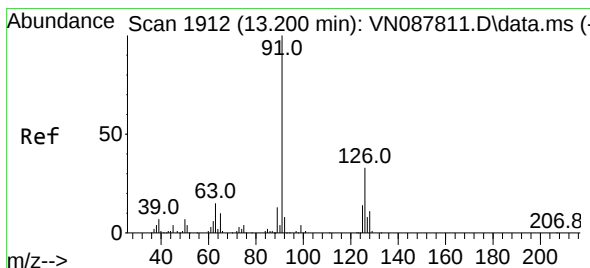
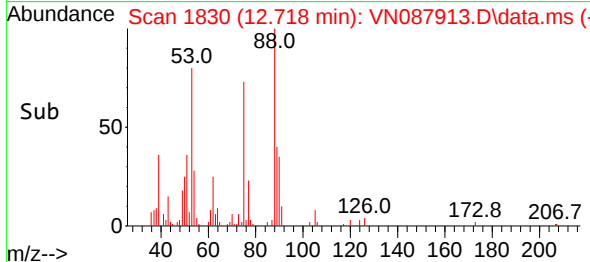
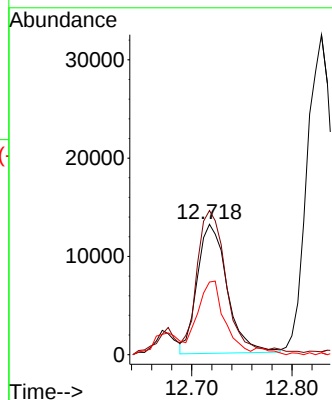
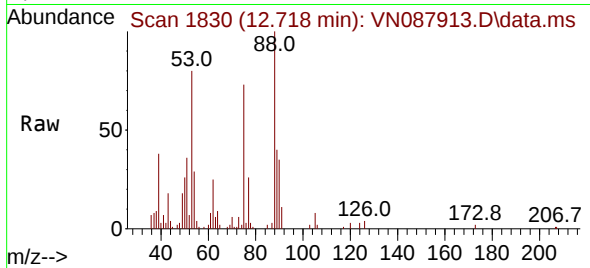
Tgt Ion:	75	Resp:	2735
Ion Ratio	Lower	Upper	
75	100		
53	108.3	45.3	135.9
89	56.5	18.8	56.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#78

4-Chlorotoluene

Concen: 20.128 ug/l

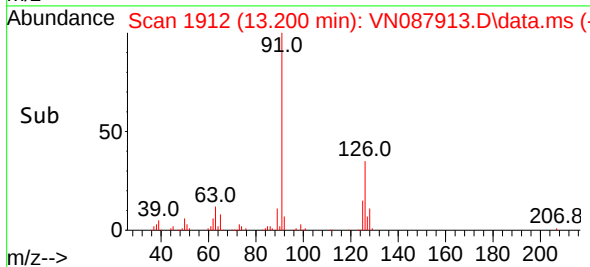
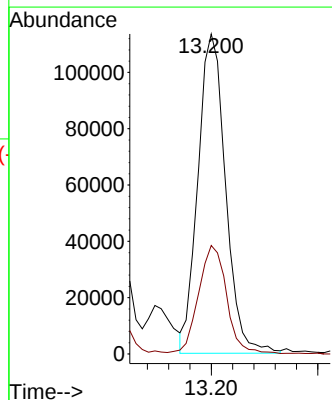
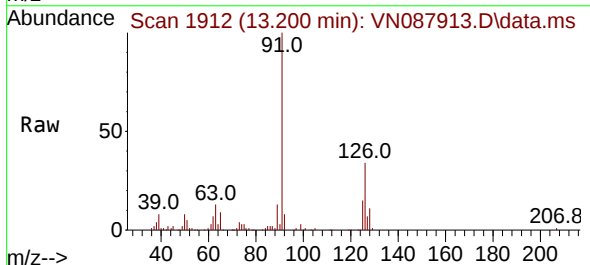
RT: 13.200 min Scan# 1912

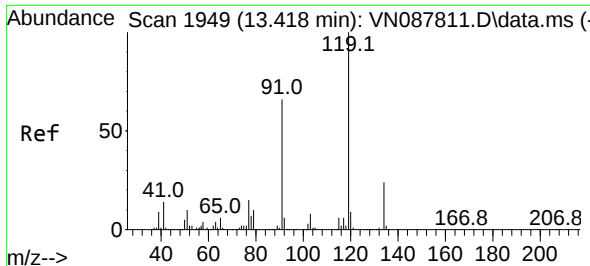
Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

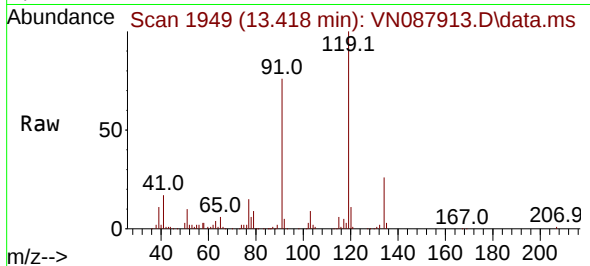
Tgt Ion:	91	Resp:	204223
Ion Ratio	Lower	Upper	
91	100		
126	34.7	0.0	67.0





#79
tert-butylbenzene
Concen: 19.431 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

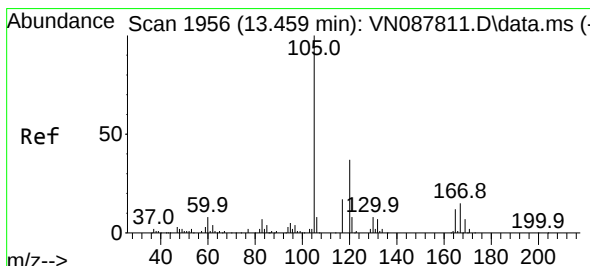
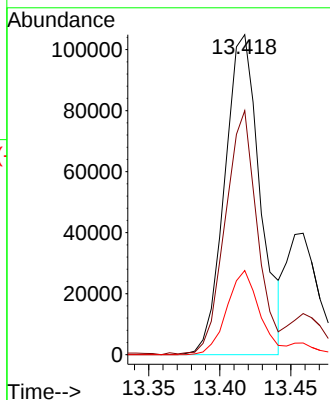
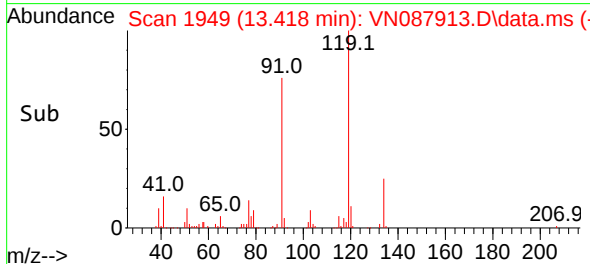
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



Tgt Ion:119 Resp: 182120
Ion Ratio Lower Upper
119 100
91 68.3 0.0 142.6
134 24.4 0.0 47.2

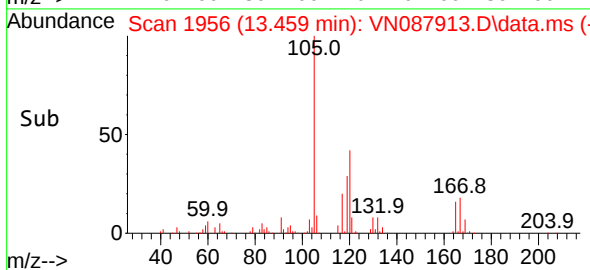
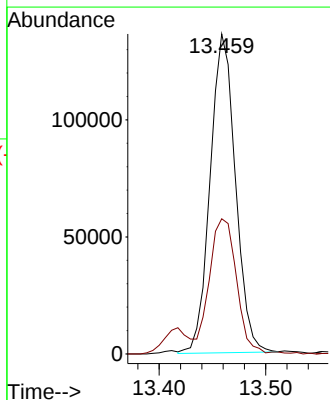
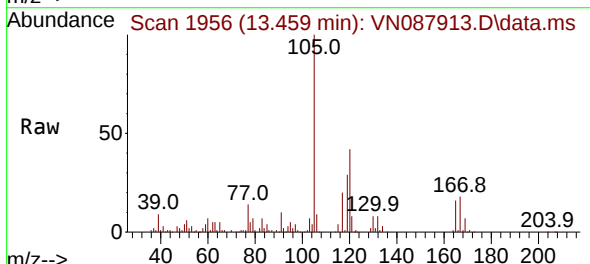
Manual Integrations
APPROVED

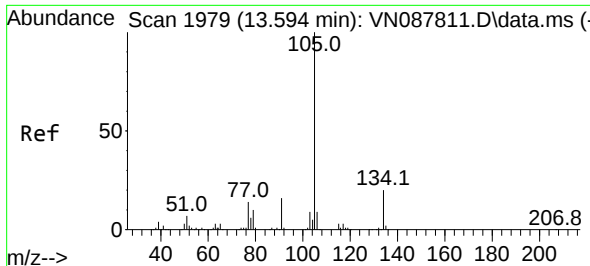
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.573 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion:105 Resp: 224582
Ion Ratio Lower Upper
105 100
120 44.8 0.0 86.6





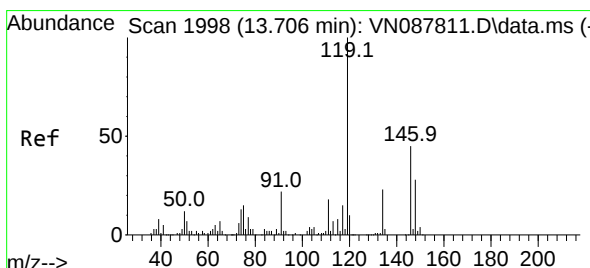
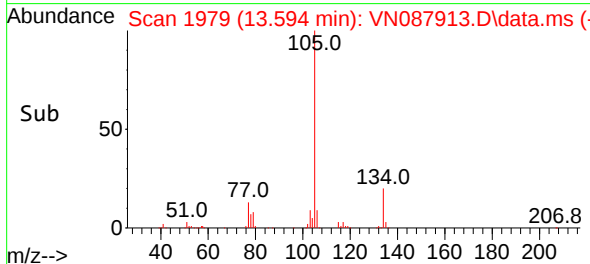
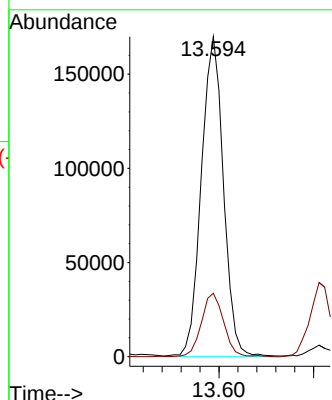
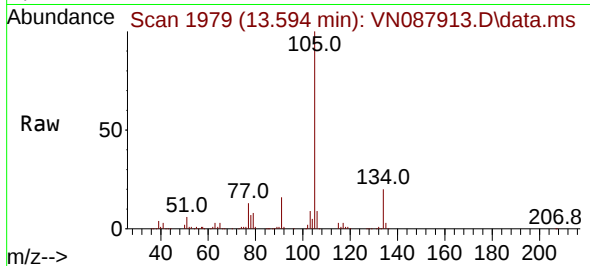
#81
 sec-Butylbenzene
 Concen: 19.944 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087913.D
 Acq: 22 Sep 2025 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

Tgt Ion:105 Resp: 27495
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 37.0

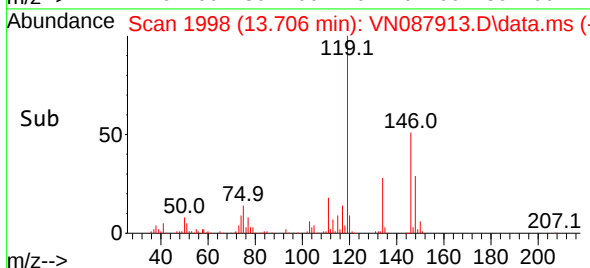
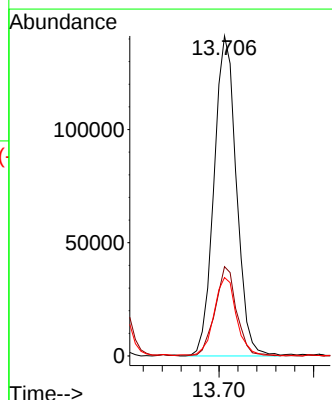
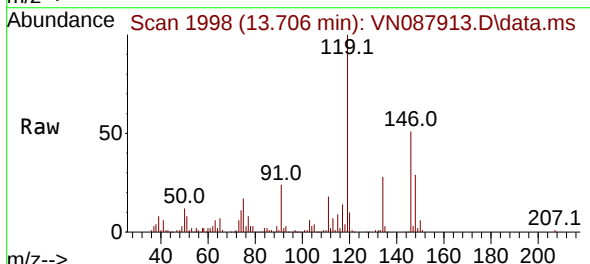
Manual Integrations
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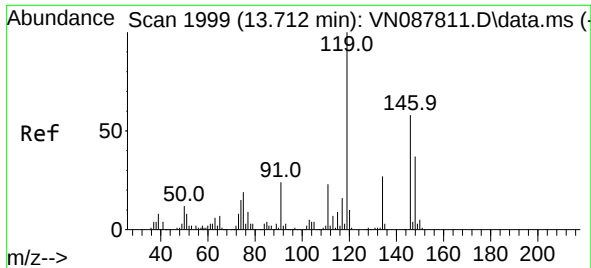
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025



#82
 p-Isopropyltoluene
 Concen: 20.463 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087913.D
 Acq: 22 Sep 2025 10:57

Tgt Ion:119 Resp: 232439
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 49.4
 91 23.7 0.0 52.2





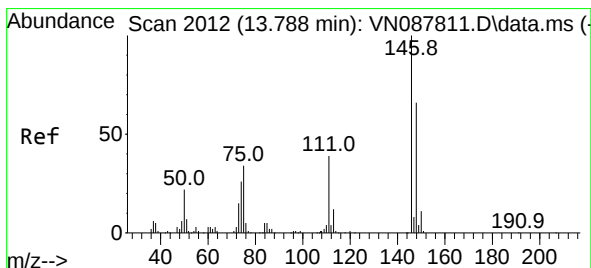
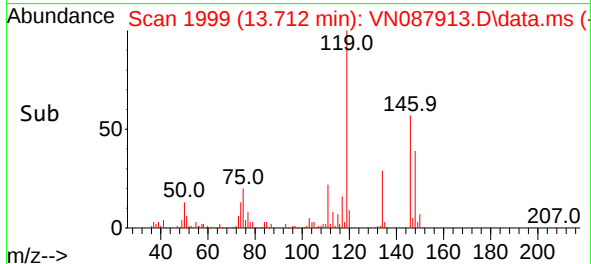
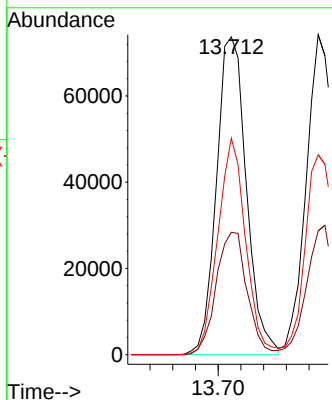
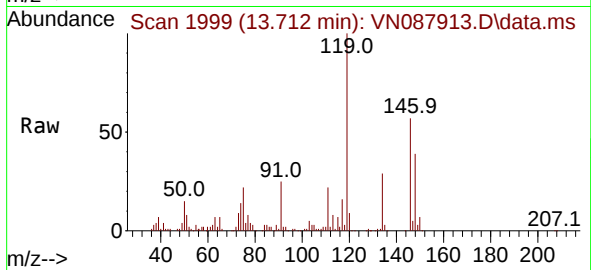
#83
1,3-Dichlorobenzene
Concen: 21.546 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Instrument : MSVOA_N
ClientSampleId : VN0922WBS01

Tgt Ion:146 Resp: 134692
Ion Ratio Lower Upper
146 100
111 39.9 21.1 63.4
148 63.6 31.0 93.0

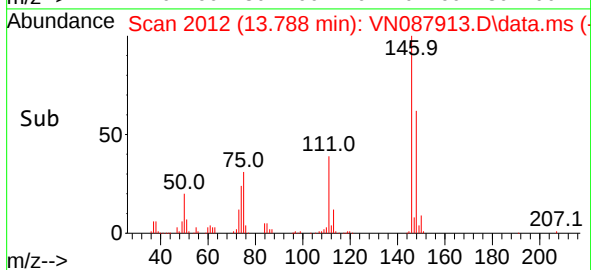
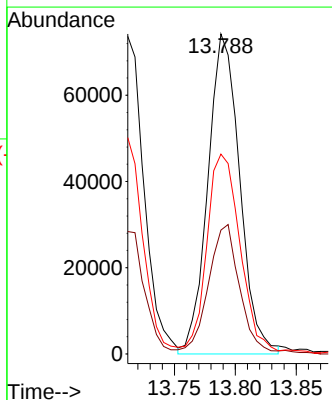
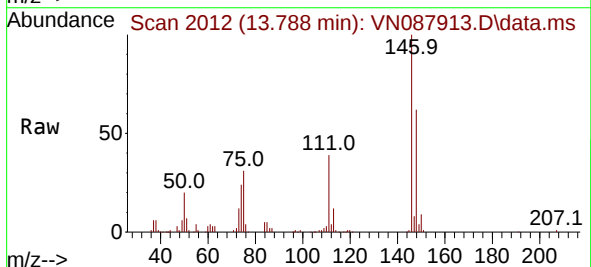
Manual Integrations
APPROVED

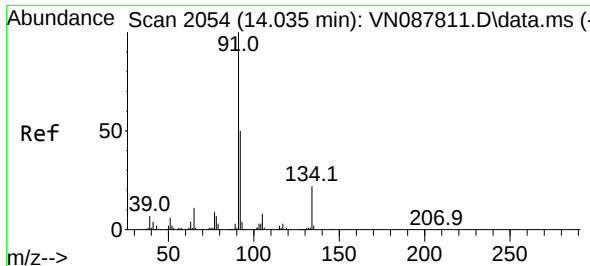
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#84
1,4-Dichlorobenzene
Concen: 21.545 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

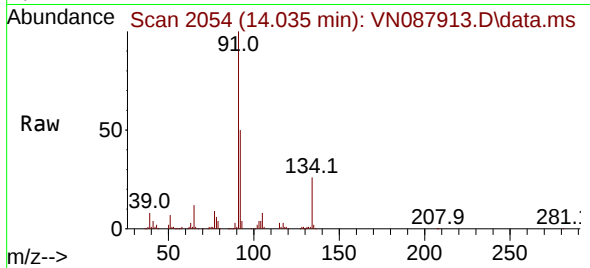
Tgt Ion:146 Resp: 134999
Ion Ratio Lower Upper
146 100
111 39.6 20.2 60.5
148 65.5 31.5 94.5





#85
n-Butylbenzene
Concen: 19.622 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

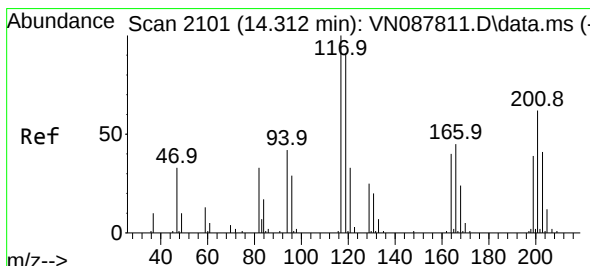
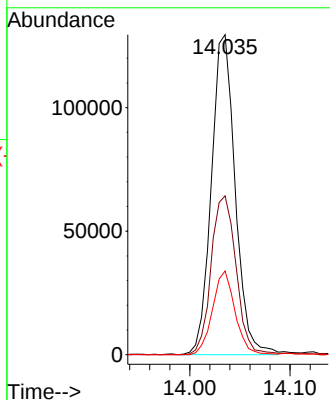
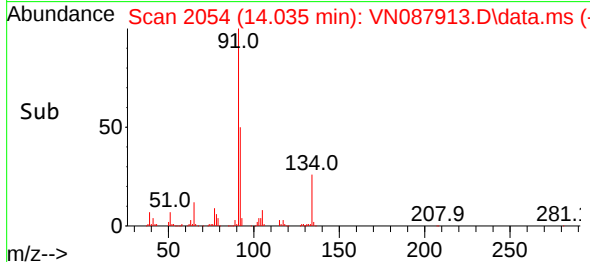
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



Tgt Ion: 91 Resp: 21424
Ion Ratio Lower Upper
91 100
92 52.0 0.0 104.0
134 24.7 0.0 46.0

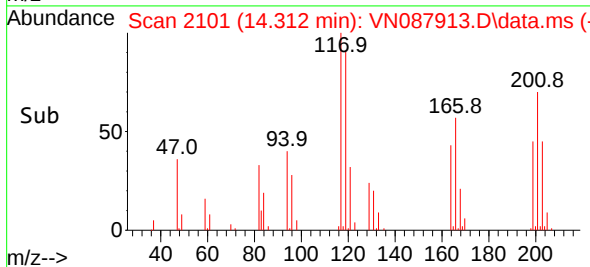
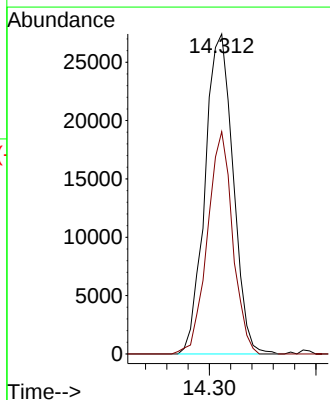
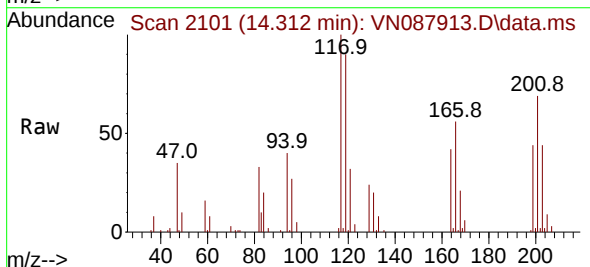
Manual Integrations
APPROVED

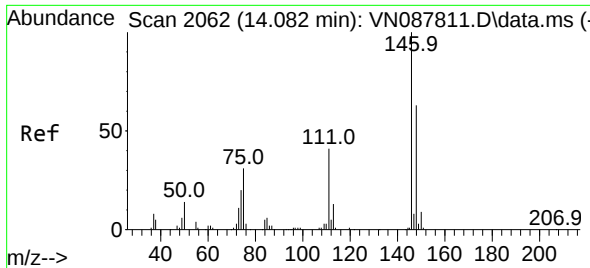
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#86
Hexachloroethane
Concen: 21.780 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

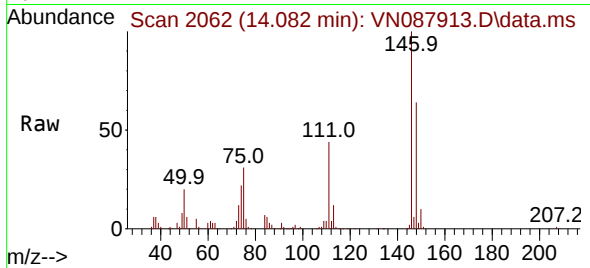
Tgt Ion:117 Resp: 50251
Ion Ratio Lower Upper
117 100
201 62.3 29.9 89.7





#87
1,2-Dichlorobenzene
Concen: 22.126 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

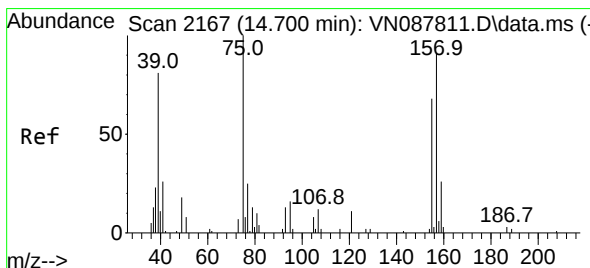
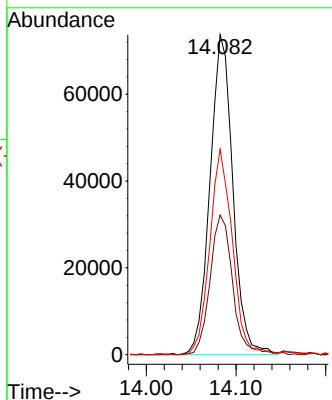
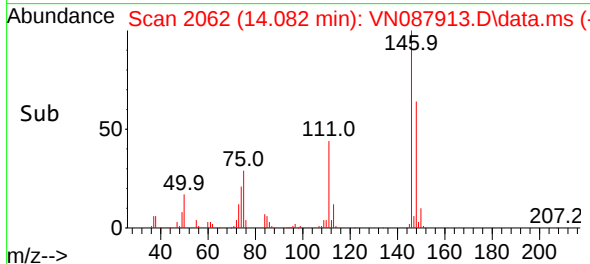
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



Tgt Ion:146 Resp: 13045
Ion Ratio Lower Upper
146 100
111 41.6 21.5 64.5
148 62.7 33.4 100.1

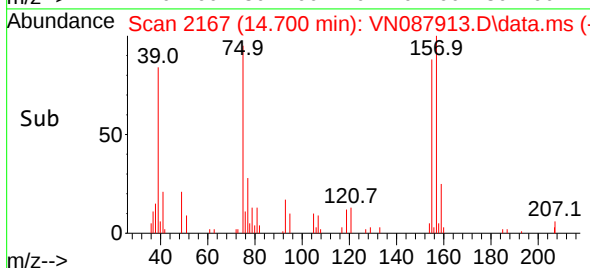
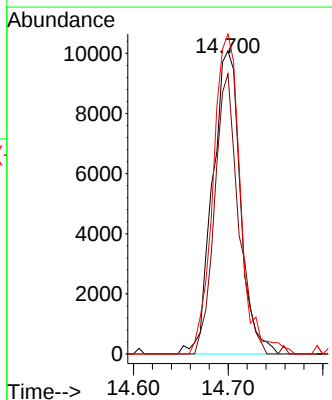
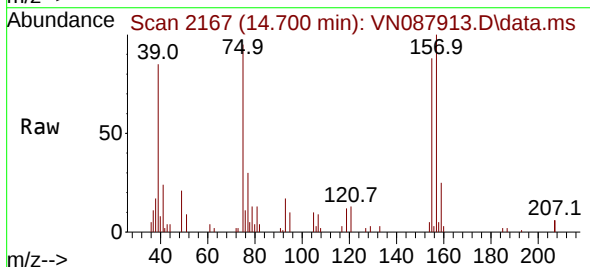
Manual Integrations
APPROVED

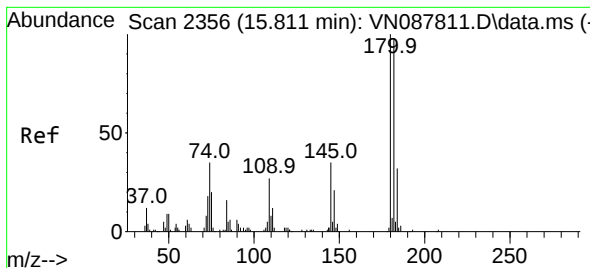
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.460 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion: 75 Resp: 20575
Ion Ratio Lower Upper
75 100
155 79.3 53.0 79.4
157 100.9 72.2 108.4





#89

1,2,4-Trichlorobenzene

Concen: 22.472 ug/l

RT: 15.812 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

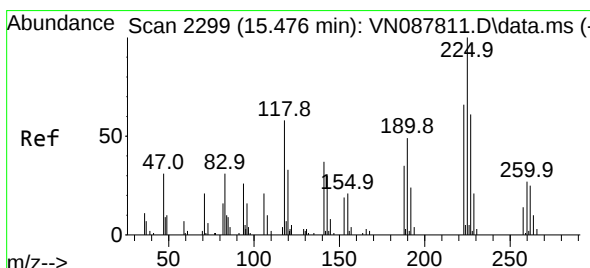
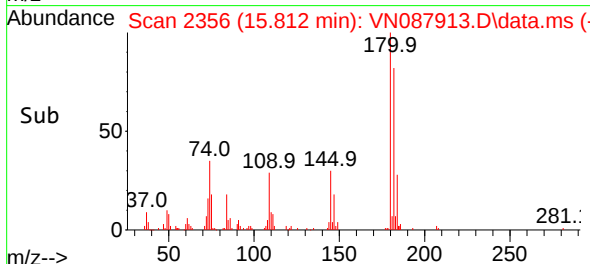
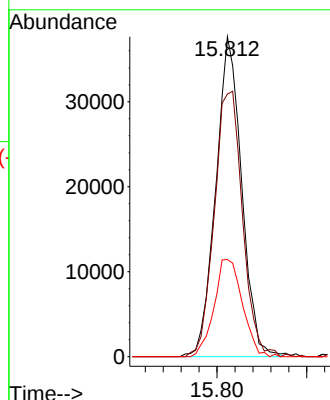
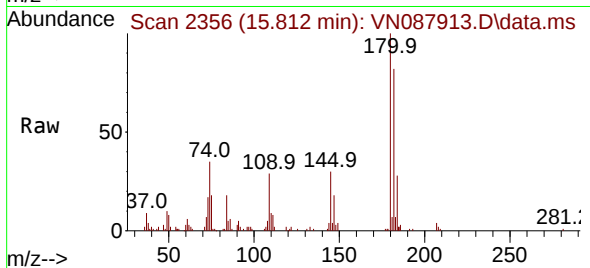
Tgt Ion:	180	Resp:	7535
Ion Ratio	Lower	Upper	
180	100		
182	89.4	74.6	111.8
145	33.2	27.4	41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#90

Hexachlorobutadiene

Concen: 27.367 ug/l

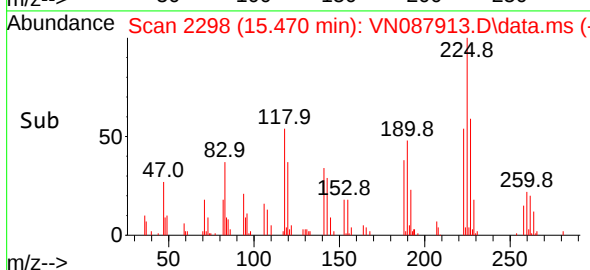
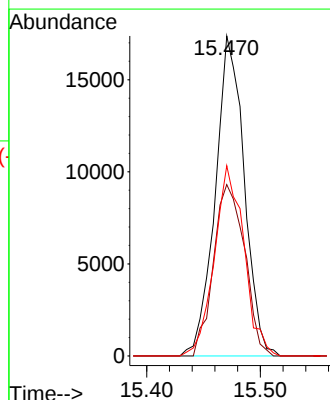
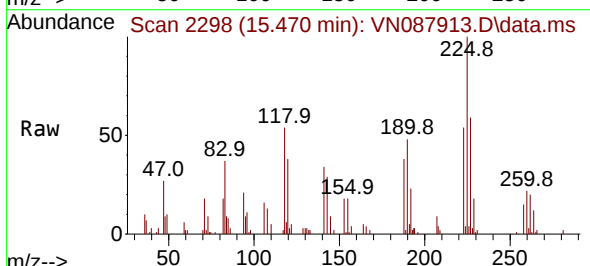
RT: 15.470 min Scan# 2298

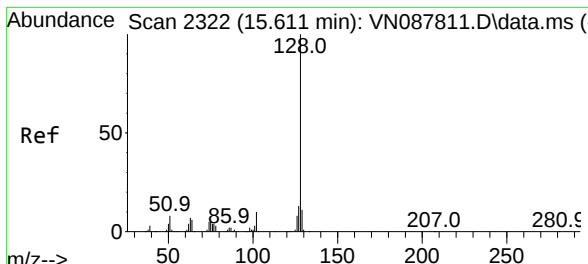
Delta R.T. -0.000 min

Lab File: VN087913.D

Acq: 22 Sep 2025 10:57

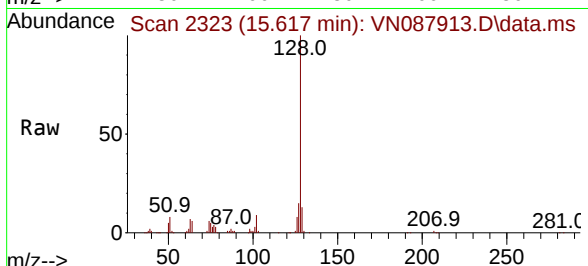
Tgt Ion:	225	Resp:	30765
Ion Ratio	Lower	Upper	
225	100		
223	57.6	0.0	118.2
227	60.7	0.0	139.0





#91
Naphthalene
Concen: 18.613 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

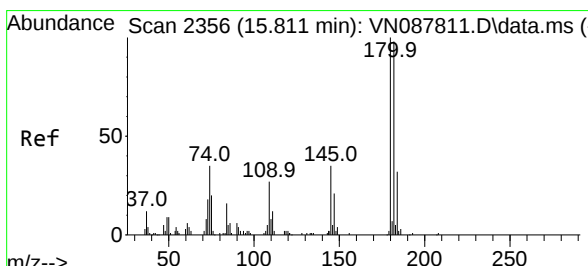
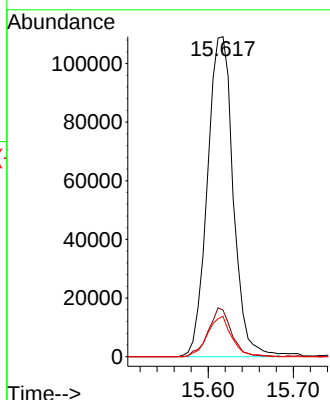
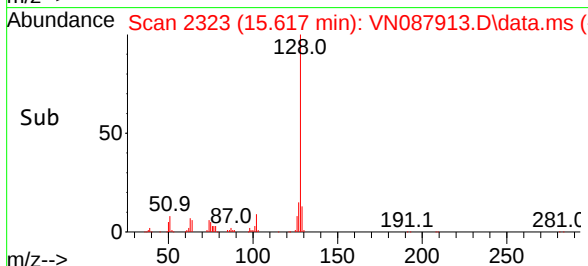
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01



Tgt Ion:128 Resp: 229779
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 11.8 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: 22.472 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087913.D
Acq: 22 Sep 2025 10:57

Tgt Ion:180 Resp: 75355
Ion Ratio Lower Upper
180 100
182 89.4 0.0 186.4
145 33.2 0.0 68.4

