

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070925\
 Data File : VN087308.D
 Acq On : 09 Jul 2025 12:21
 Operator : JC\MD
 Sample : VN0709WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2025
 Supervised By : Mahesh Dadoda 07/10/2025

Quant Time: Jul 10 01:24:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	45337	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	235043	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	219225	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	95678m	28.009	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.367%		
60) 4-Bromofluorobenzene	12.847	95	103494	30.593	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.967%		
63) Toluene-d8	10.565	98	291882	29.653	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.833%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.159	85	45648	16.726	ug/l	94
3) Chloromethane	2.401	50	38469	13.801	ug/l	99
4) Vinyl Chloride	2.554	62	47716	15.750	ug/l	94
5) Bromomethane	2.995	94	40063	24.918	ug/l	91
6) Chloroethane	3.154	64	36568	22.502	ug/l	100
7) Trichlorofluoromethane	3.530	101	77802	20.937	ug/l	92
8) Diethyl Ether	3.989	74	26559	14.547	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.400	101	47849	17.368	ug/l	91
10) 1,1-Dichloroethene	4.365	96	45687	16.636	ug/l	94
11) Methyl Iodide	4.612	142	50531	20.538	ug/l	85
12) Methyl Acetate	5.048	43	59760	13.872	ug/l	96
13) Acrolein	4.200	56	57624	87.054	ug/l	98
14) Acrylonitrile	5.736	53	134918	67.145	ug/l	98
15) Acetone	4.442	58	43698	74.554	ug/l	95
16) Carbon Disulfide	4.736	76	116086	14.457	ug/l	98
17) Allyl chloride	5.042	41	55037	12.150	ug/l	94
18) Methylene Chloride	5.295	84	53533	16.826	ug/l	90
19) trans-1,2-Dichloroethene	5.806	96	48593	16.179	ug/l	93
20) Diisopropyl ether	6.689	45	130695	13.599	ug/l #	93
21) 1,1-Dichloroethane	6.583	63	84343	14.684	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	61352	17.552	ug/l	88
23) tert-Butyl Alcohol	5.536	59	57684	76.335	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	151834	15.763	ug/l	99
25) Chloroform	7.971	83	98050	17.818	ug/l	97
26) Cyclohexane	8.265	56	64513	13.512	ug/l #	84
29) 1,1-Dichloropropene	8.377	75	61700	16.842	ug/l	86
30) 2-Butanone	7.489	43	181334	73.378	ug/l #	87
31) 2,2-Dichloropropane	7.500	77	85248	19.277	ug/l #	84
32) 1,1,1-Trichloroethane	8.177	97	86764	20.272	ug/l	98
33) Carbon Tetrachloride	8.371	117	77070	21.398	ug/l	98
34) Benzene	8.612	78	199018	17.148	ug/l	99
35) Methacrylonitrile	7.783	41	34777	13.964	ug/l	82
36) 1,2-Dichloroethane	8.677	62	70198	18.720	ug/l	99
37) Trichloroethene	9.353	130	54613	20.401	ug/l #	77
38) Methylcyclohexane	9.606	83	72077	17.147	ug/l	93
39) 1,2-Dichloropropane	9.624	63	47043	16.149	ug/l	98
40) Dibromomethane	9.712	93	39522	19.953	ug/l	99
41) Bromodichloromethane	9.888	83	76763	19.200	ug/l	99
42) Vinyl Acetate	6.618	43	509724	63.417	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	70466	15.796	ug/l	96
44) Isopropyl Acetate	8.694	43	104933	14.437	ug/l	93
45) 1,4-Dioxane	9.706	88	19298	392.494	ug/l #	79
46) Methyl methacrylate	9.682	41	46035	13.624	ug/l	94
47) n-amyl Acetate	12.547	43	79494m	17.889	ug/l	
48) t-1,3-Dichloropropene	10.835	75	78002	17.501	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	80966	17.088	ug/l	98
50) 1,1,2-Trichloroethane	11.018	97	52858	18.786	ug/l	97
51) Ethyl methacrylate	10.882	69	64361	15.028	ug/l	87
52) 1,3-Dichloropropane	11.165	76	82761	17.133	ug/l	98
53) Dibromochloromethane	11.353	129	62547	21.177	ug/l	97
54) 1,2-Dibromoethane	11.471	107	56143	19.340	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	165641	67.477	ug/l	95
56) Bromoform	12.576	173	42142	20.755	ug/l #	99
58) 4-Methyl-2-Pentanone	10.447	43	320669	72.760	ug/l #	94
59) 2-Hexanone	11.206	43	197343	69.344	ug/l	98
61) Tetrachloroethene	11.106	164	43714	20.135	ug/l	93
62) Toluene	10.630	91	222945	18.006	ug/l	98
64) Chlorobenzene	11.888	112	154416	19.551	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	54803	21.001	ug/l	97
66) Ethyl Benzene	11.965	91	239931	17.704	ug/l	97
67) m/p-Xylenes	12.071	106	200663	38.639	ug/l	94
68) o-Xylene	12.394	106	91322	18.432	ug/l	96
69) Styrene	12.412	104	158832	18.673	ug/l	98
70) Isopropylbenzene	12.694	105	242018	19.613	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	80769	18.185	ug/l	94
72) 1,2,3-Trichloropropane	12.994	75	71289m	18.613	ug/l	
73) Bromobenzene	12.976	156	63356	21.166	ug/l	83
74) n-propylbenzene	13.035	91	289043	19.174	ug/l	95
75) 2-Chlorotoluene	13.123	91	172699	18.962	ug/l	94
76) 1,3,5-Trimethylbenzene	13.171	105	202455	20.154	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	27346	16.096	ug/l	96
78) 4-Chlorotoluene	13.218	91	178795	19.168	ug/l	94
79) tert-butylbenzene	13.435	119	176396	20.890	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	200843	19.911	ug/l	97
81) sec-Butylbenzene	13.612	105	251743	20.509	ug/l	97
82) p-Isopropyltoluene	13.729	119	217730	21.315	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	125476	21.769	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	121774	20.992	ug/l	98
85) n-Butylbenzene	14.053	91	183228	19.659	ug/l	98
86) Hexachloroethane	14.329	117	41143	21.278	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	119476	21.983	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	20096	20.094	ug/l	92
89) 1,2,4-Trichlorobenzene	15.835	180	63235	20.565	ug/l	96
90) Hexachlorobutadiene	15.500	225	19204	21.047	ug/l	97
91) Naphthalene	15.635	128	225774	18.657	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	63235	20.565	ug/l	96

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

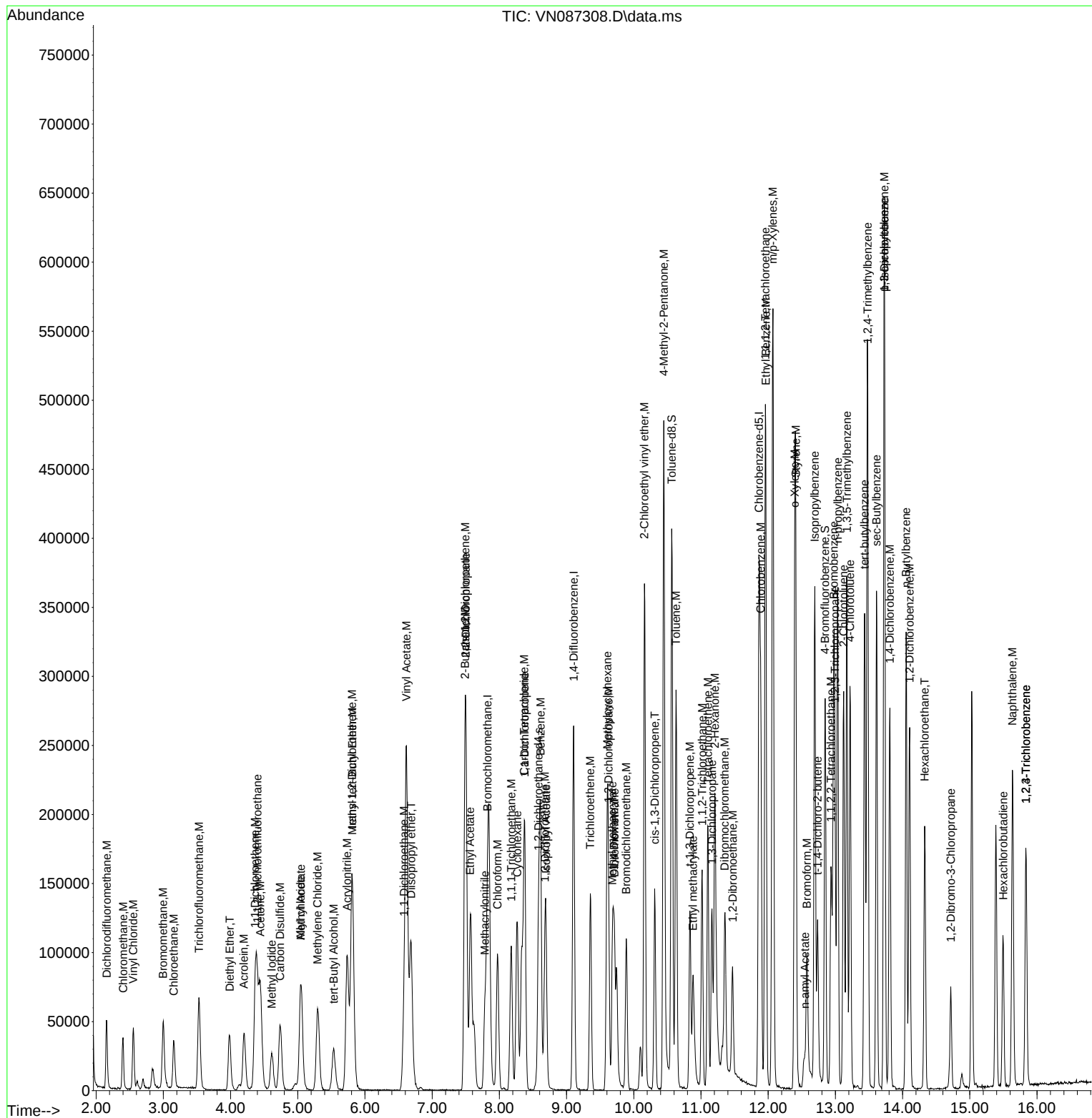
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070925\
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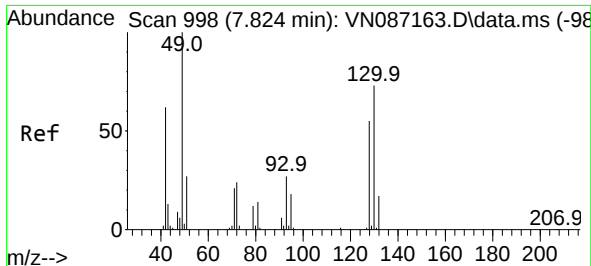
Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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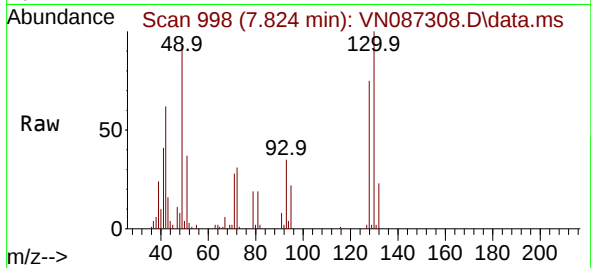
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

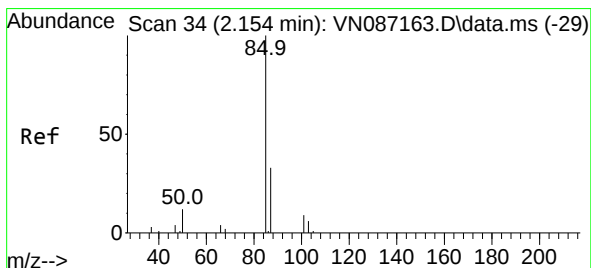
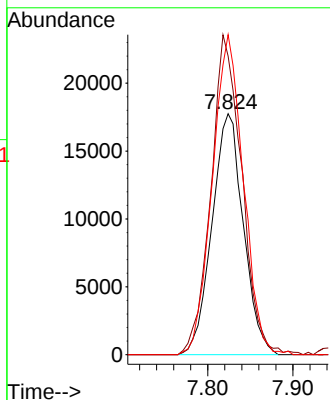
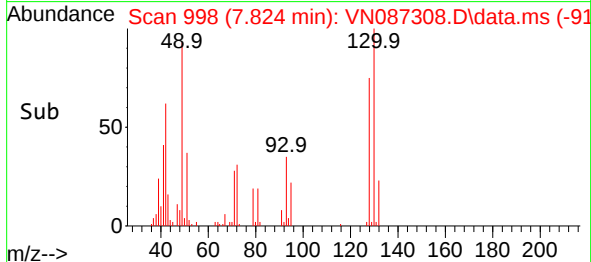
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



Tgt Ion:128 Resp: 4533
Ion Ratio Lower Upper
128 100
49 130.7 0.0 450.5
130 131.5 0.0 320.7

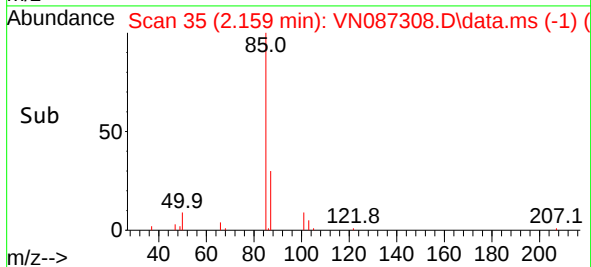
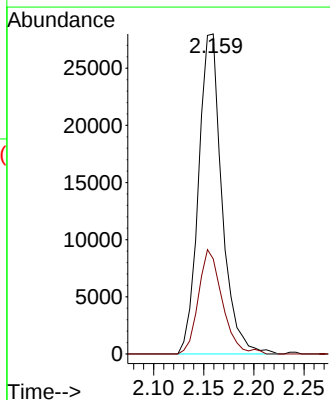
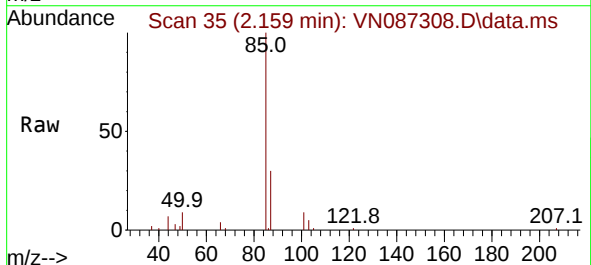
Manual Integrations
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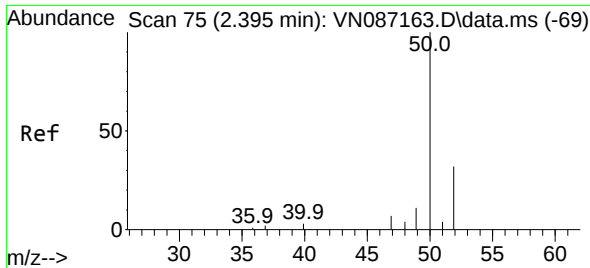
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#2
Dichlorodifluoromethane
Concen: 16.726 ug/l
RT: 2.159 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Tgt Ion: 85 Resp: 45648
Ion Ratio Lower Upper
85 100
87 29.7 16.7 50.0





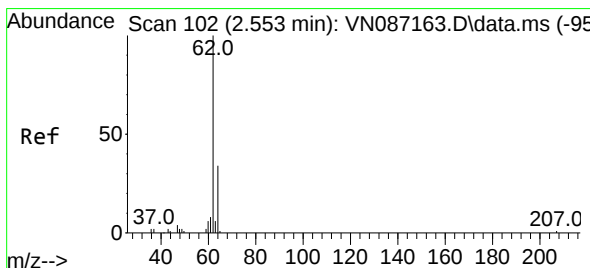
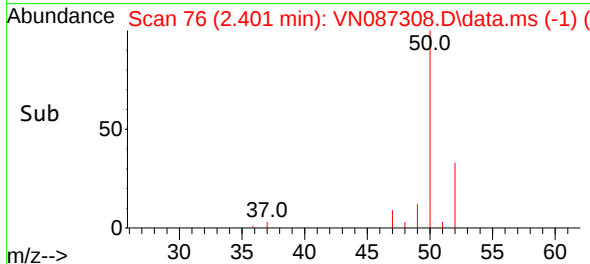
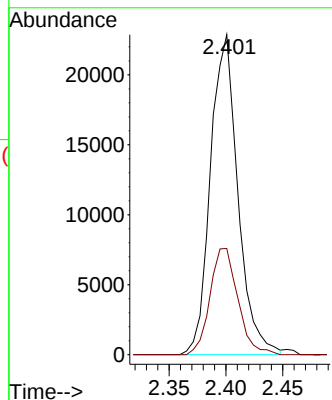
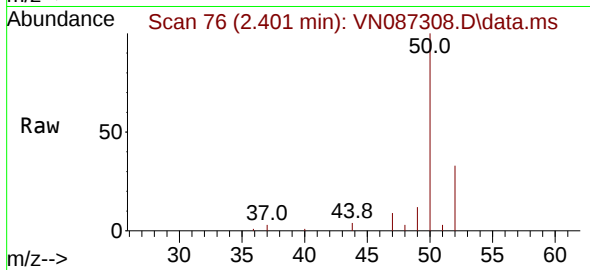
#3
Chloromethane
Concen: 13.801 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Instrument :
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Tgt Ion: 50 Resp: 38469
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9

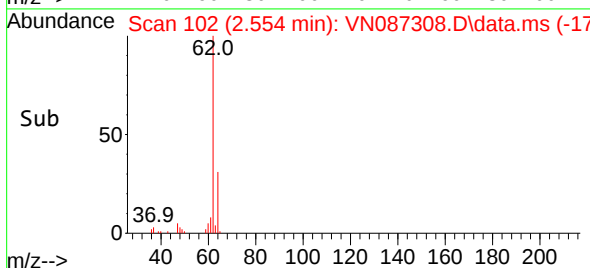
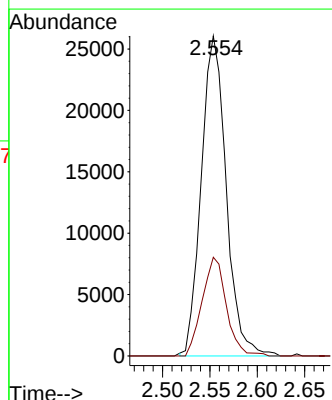
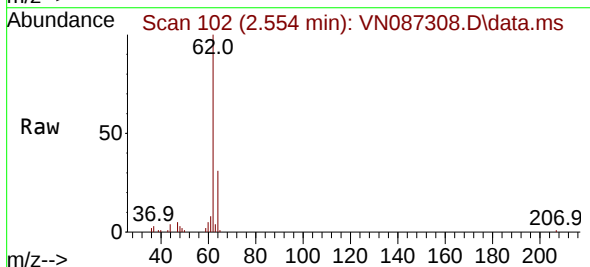
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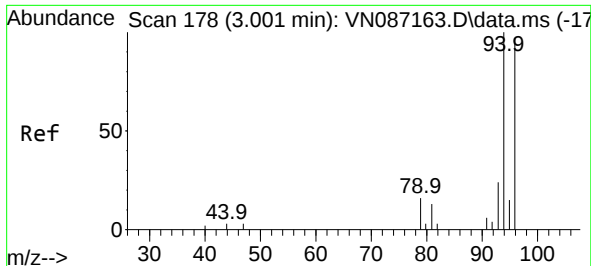
Reviewed By :John Carlone 07/10/2025
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#4
Vinyl Chloride
Concen: 15.750 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

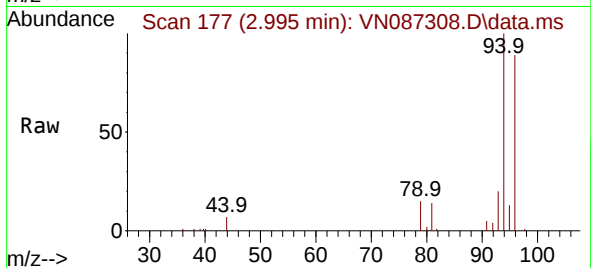
Tgt Ion: 62 Resp: 47716
Ion Ratio Lower Upper
62 100
64 30.9 27.4 41.2





#5
Bromomethane
Concen: 24.918 ug/l
RT: 2.995 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

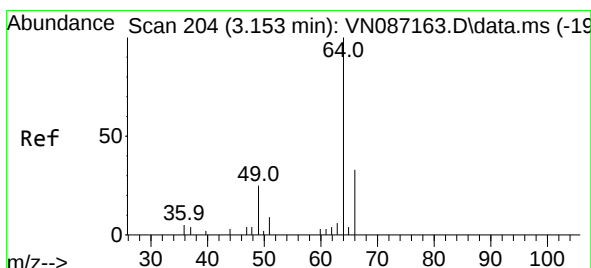
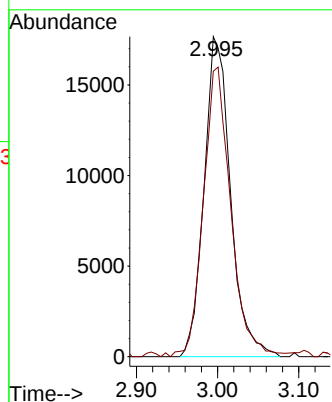
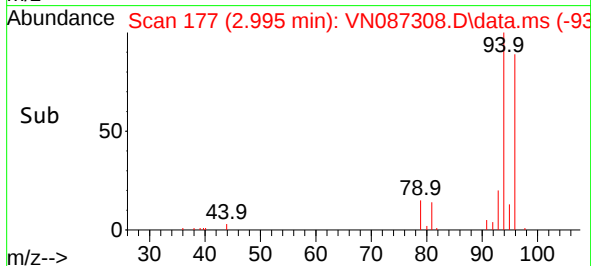
Instrument :
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ClientSampleId :
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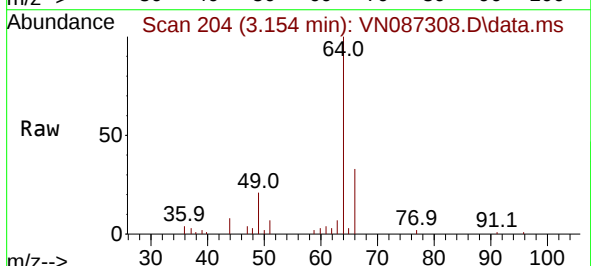
Tgt Ion: 94 Resp: 4006
Ion Ratio Lower Upper
94 100
96 88.1 77.9 116.9

Manual Integrations
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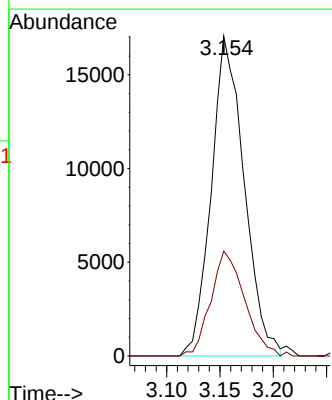
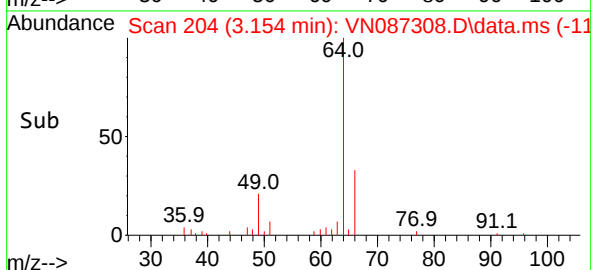
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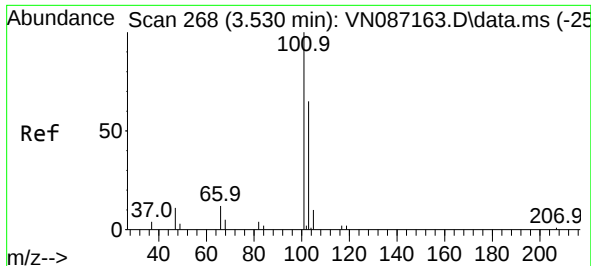


#6
Chloroethane
Concen: 22.502 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN087308.D
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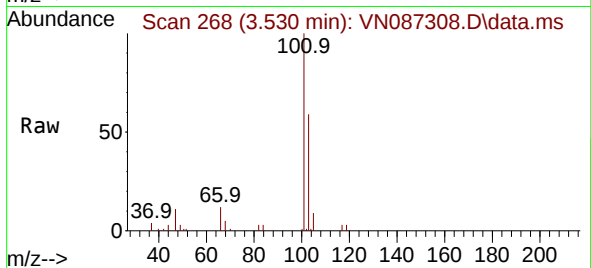
Tgt Ion: 64 Resp: 36568
Ion Ratio Lower Upper
64 100
66 32.7 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 20.937 ug/l
 RT: 3.530 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087308.D
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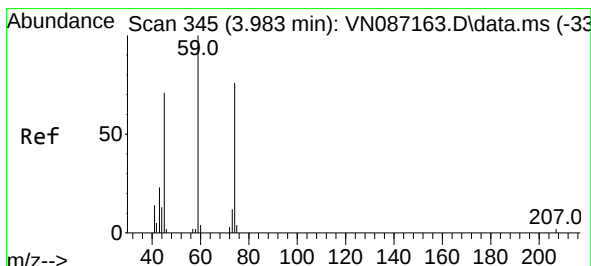
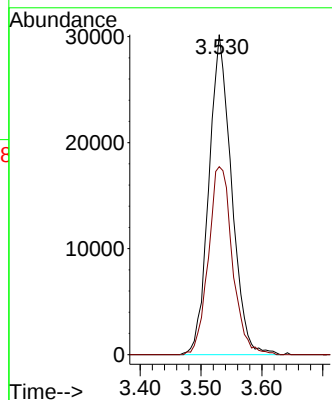
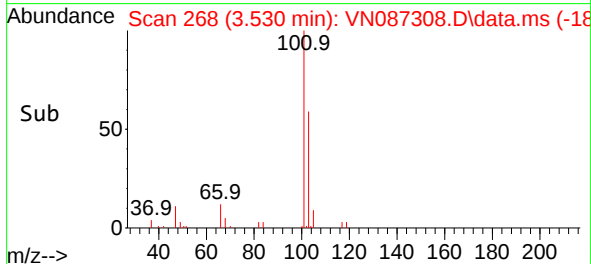
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD01



Tgt Ion:101 Resp: 7780
 Ion Ratio Lower Upper
 101 100
 103 58.8 51.8 77.8

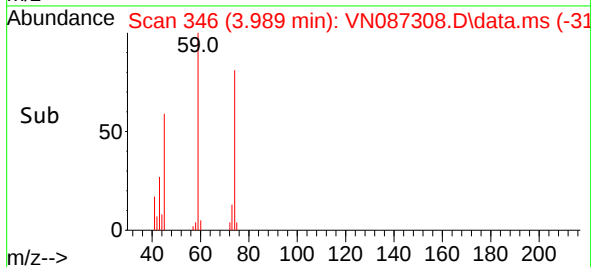
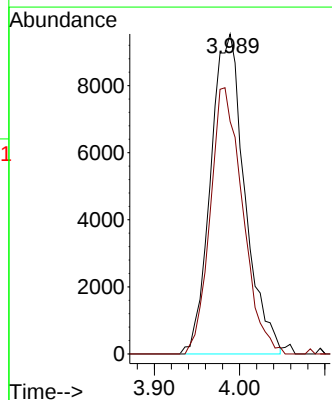
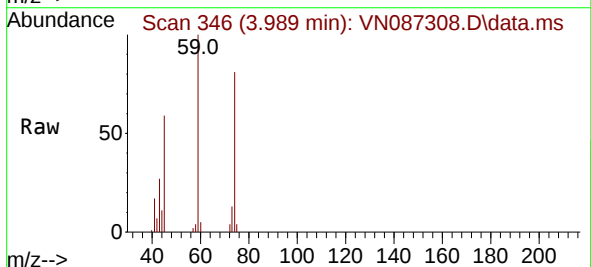
Manual Integrations
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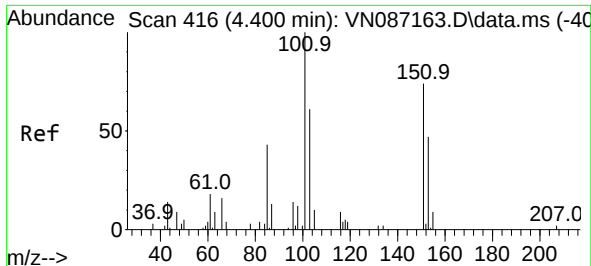
Reviewed By :John Carlone 07/10/2025
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#8
 Diethyl Ether
 Concen: 14.547 ug/l
 RT: 3.989 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN087308.D
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Tgt Ion: 74 Resp: 26559
 Ion Ratio Lower Upper
 74 100
 45 78.9 19.0 171.0





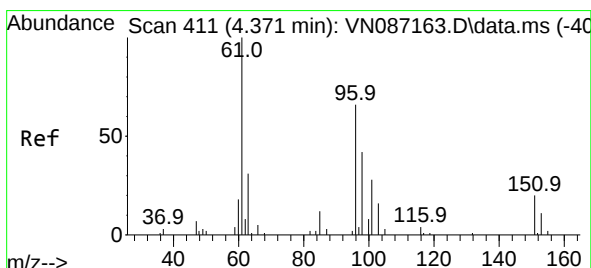
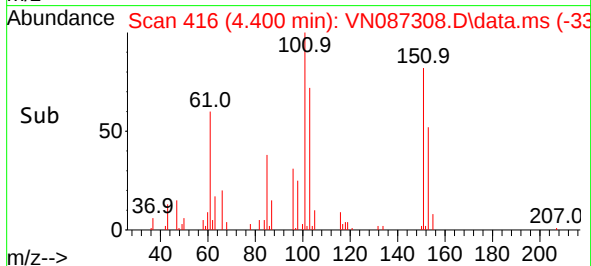
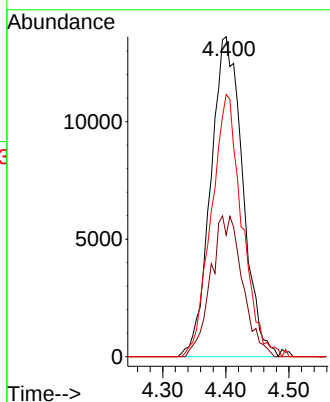
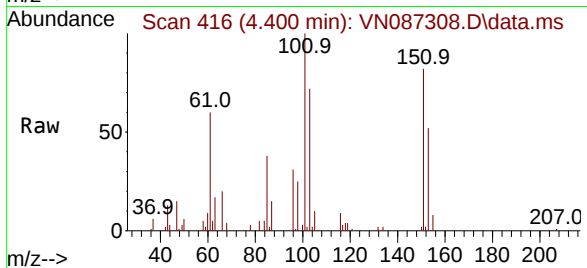
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.368 ug/l
 RT: 4.400 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VN087308.D
 Acq: 09 Jul 2025 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD01

Tgt Ion:101 Resp: 47849
 Ion Ratio Lower Upper
 101 100
 85 23.0 0.0 40.6
 151 78.8 0.0 141.2

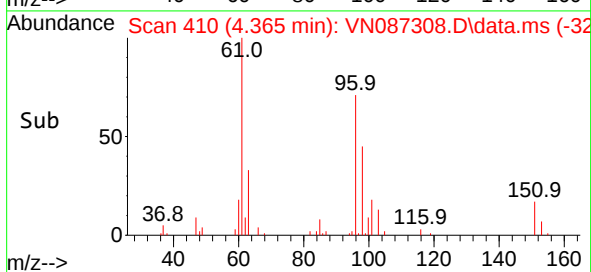
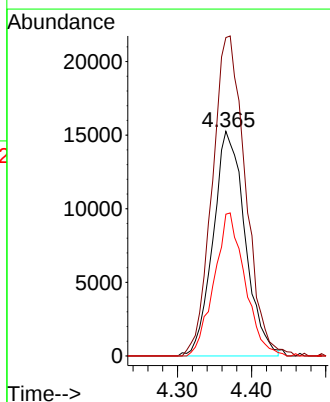
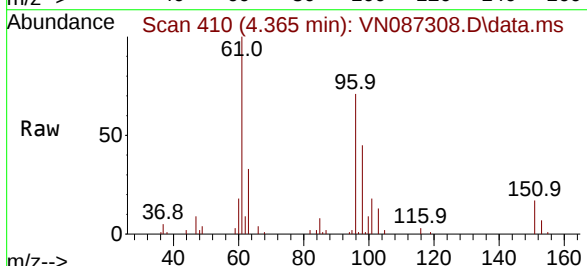
Manual Integrations
 APPROVED

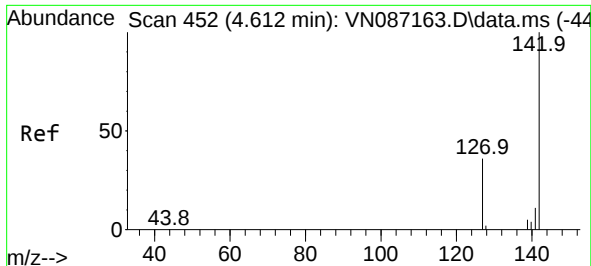
Reviewed By :John Carlone 07/10/2025
 Supervised By :Mahesh Dadoda 07/10/2025



#10
 1,1-Dichloroethene
 Concen: 16.636 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. -0.006 min
 Lab File: VN087308.D
 Acq: 09 Jul 2025 12:21

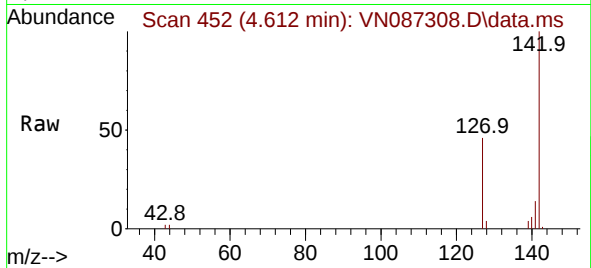
Tgt Ion: 96 Resp: 45687
 Ion Ratio Lower Upper
 96 100
 61 141.7 122.0 183.0
 98 63.1 50.3 75.5





#11
Methyl Iodide
Concen: 20.538 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

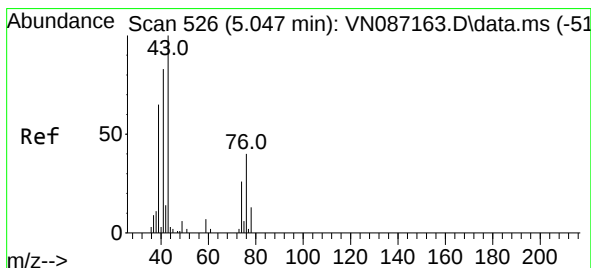
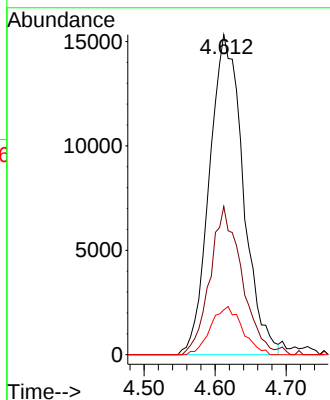
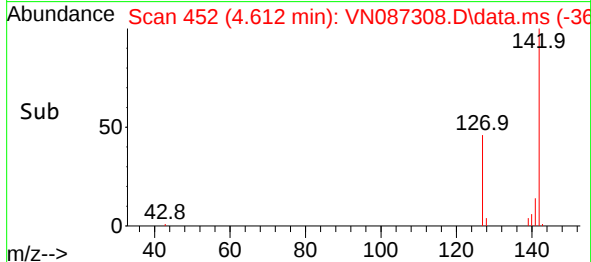
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



Tgt Ion:142 Resp: 5053
Ion Ratio Lower Upper
142 100
127 46.1 18.1 54.1
141 14.2 5.7 17.1

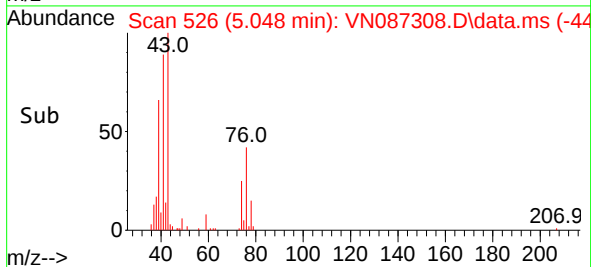
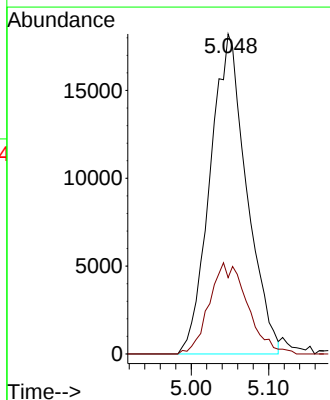
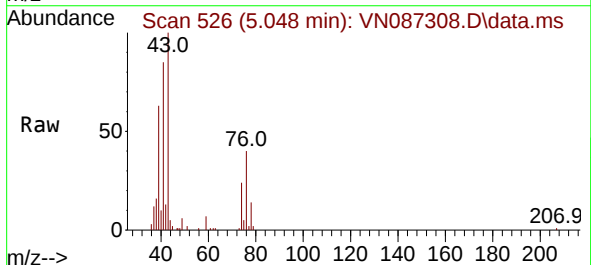
Manual Integrations
APPROVED

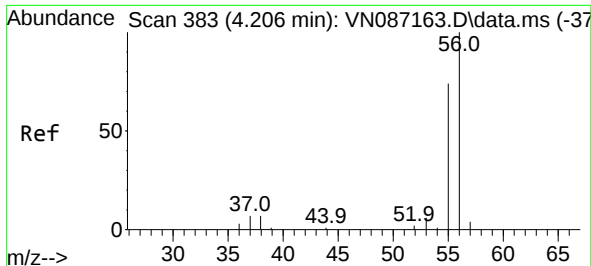
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#12
Methyl Acetate
Concen: 13.872 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Tgt Ion: 43 Resp: 59760
Ion Ratio Lower Upper
43 100
74 23.5 20.3 30.5





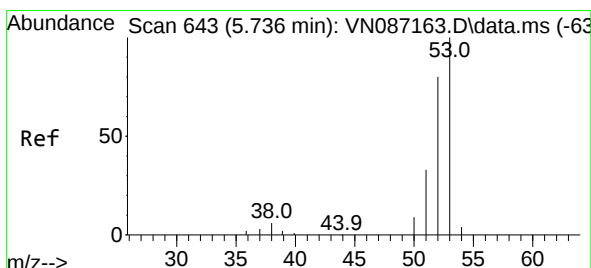
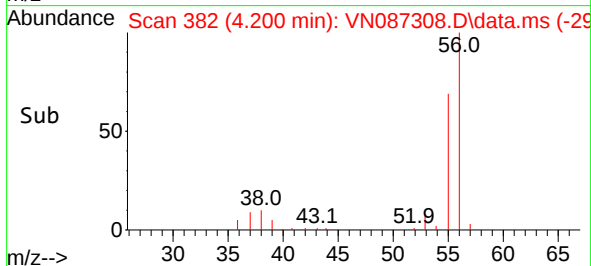
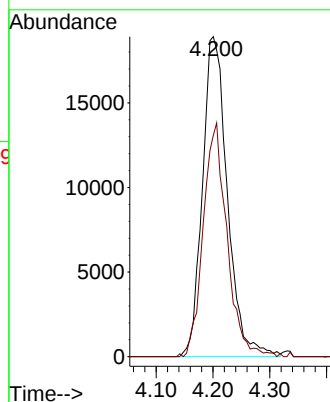
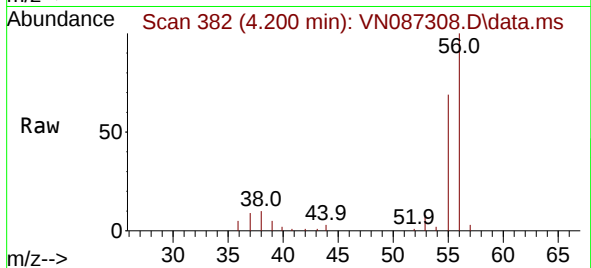
#13
Acrolein
Concen: 87.054 ug/l
RT: 4.200 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01

Tgt Ion: 56 Resp: 57624
Ion Ratio Lower Upper
56 100
55 68.1 55.7 83.5

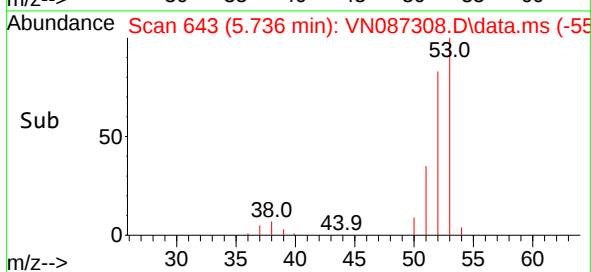
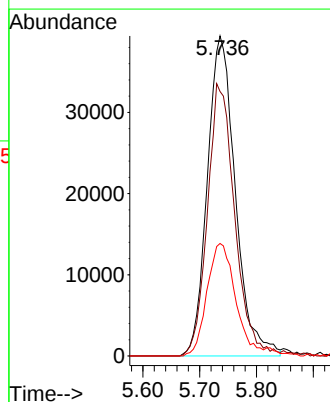
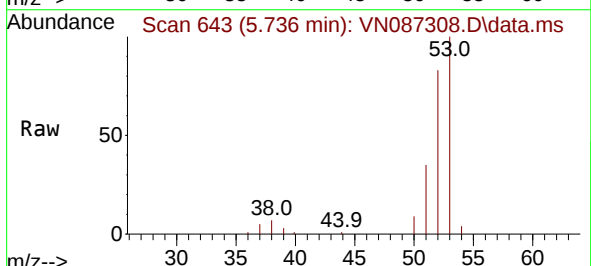
Manual Integrations
APPROVED

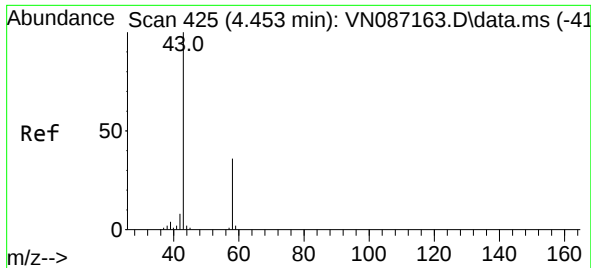
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#14
Acrylonitrile
Concen: 67.145 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

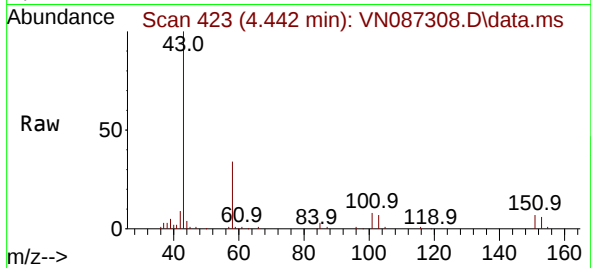
Tgt Ion: 53 Resp: 134918
Ion Ratio Lower Upper
53 100
52 82.2 40.5 121.5
51 35.6 16.9 50.7





#15
Acetone
Concen: 74.554 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

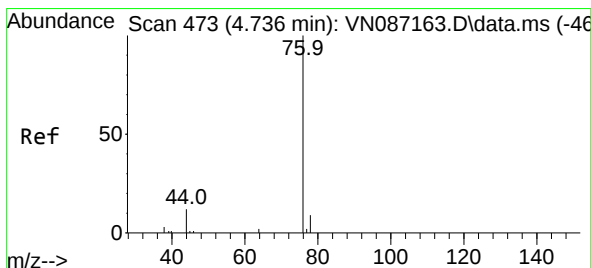
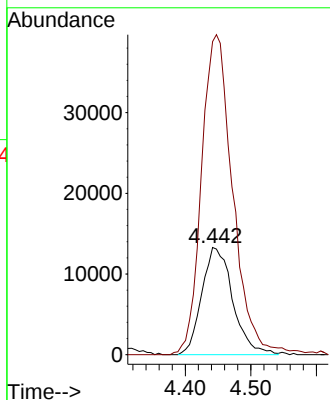
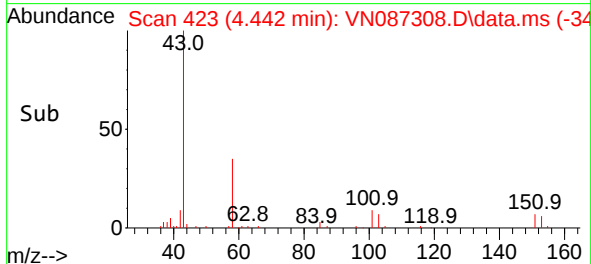
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



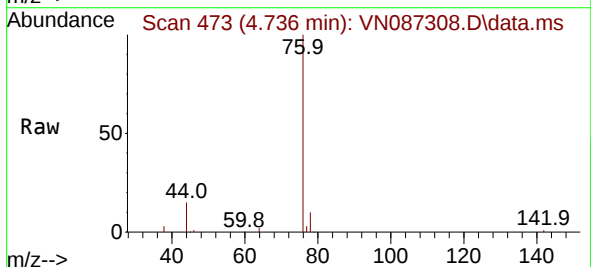
Tgt Ion: 58 Resp: 43698
Ion Ratio Lower Upper
58 100
43 289.6 224.3 336.5

Manual Integrations
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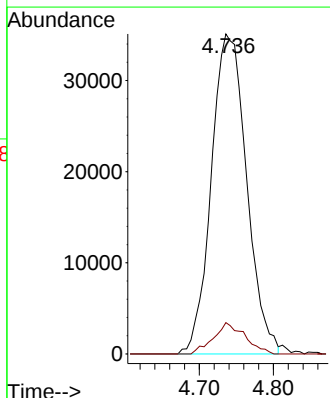
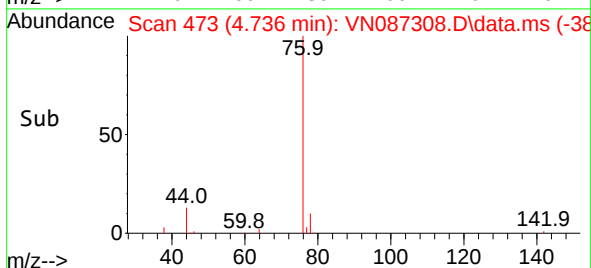
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

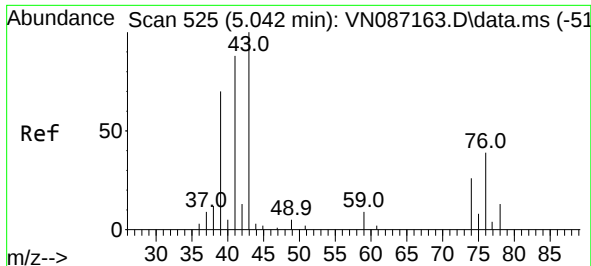


#16
Carbon Disulfide
Concen: 14.457 ug/l
RT: 4.736 min Scan# 473
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



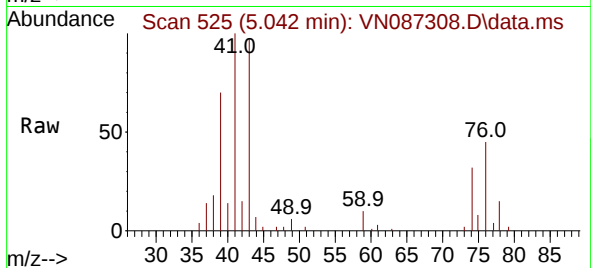
Tgt Ion: 76 Resp: 116086
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8





#17
 Allyl chloride
 Concen: 12.150 ug/l
 RT: 5.042 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN087308.D
 Acq: 09 Jul 2025 12:21

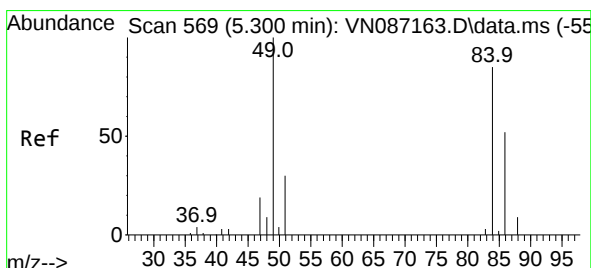
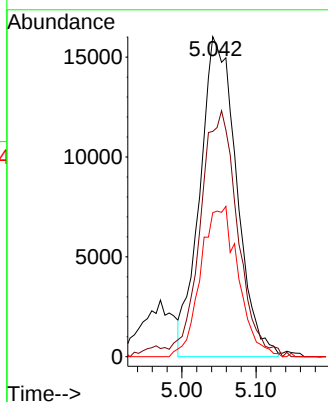
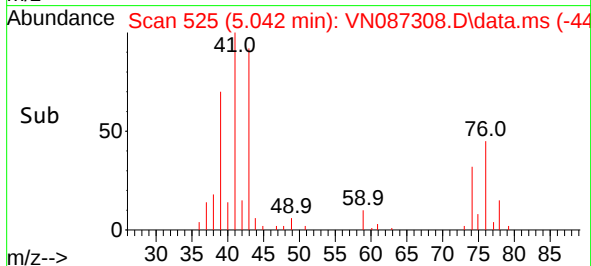
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD01



Tgt Ion: 41 Resp: 5503
 Ion Ratio Lower Upper
 41 100
 39 68.5 36.0 108.0
 76 44.5 19.5 58.5

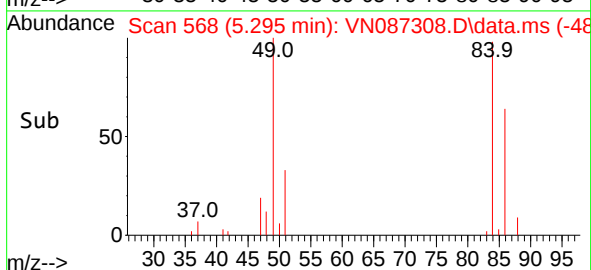
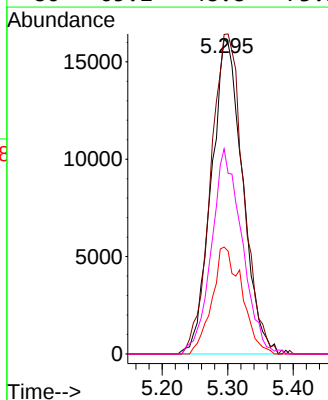
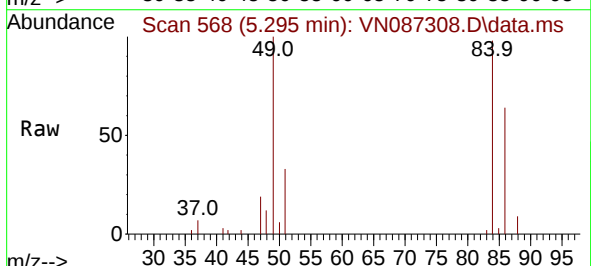
Manual Integrations
 APPROVED

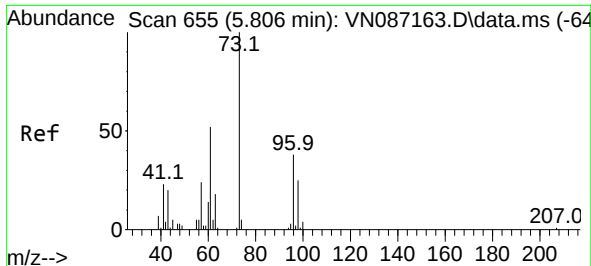
Reviewed By :John Carlone 07/10/2025
 Supervised By :Mahesh Dadoda 07/10/2025



#18
 Methylene Chloride
 Concen: 16.826 ug/l
 RT: 5.295 min Scan# 568
 Delta R.T. -0.006 min
 Lab File: VN087308.D
 Acq: 09 Jul 2025 12:21

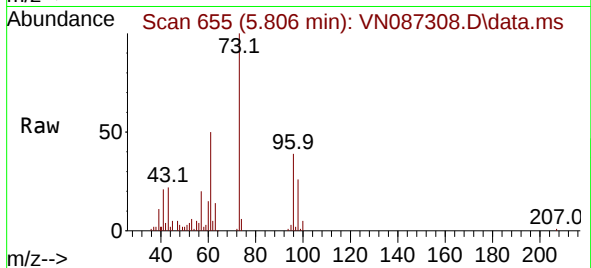
Tgt Ion: 84 Resp: 53533
 Ion Ratio Lower Upper
 84 100
 49 101.5 94.0 141.0
 51 34.0 28.3 42.5
 86 65.2 48.8 73.2





#19
trans-1,2-Dichloroethene
Concen: 16.179 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

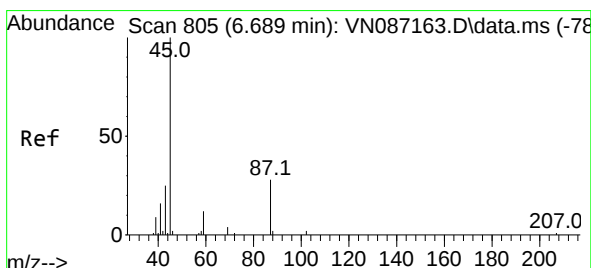
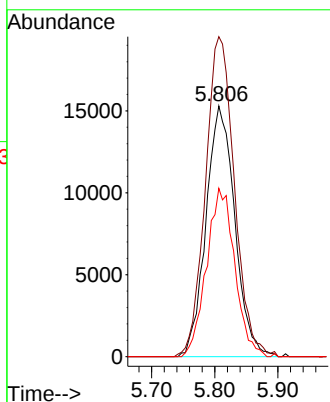
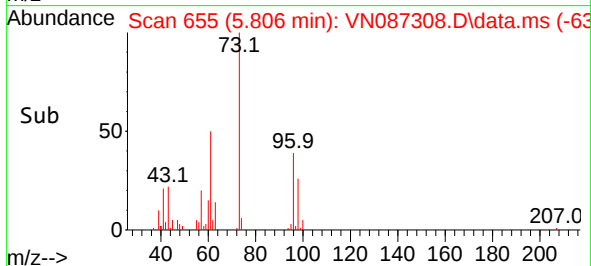
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



Tgt Ion: 96 Resp: 4859
Ion Ratio Lower Upper
96 100
61 127.6 110.3 165.5
98 67.1 51.6 77.4

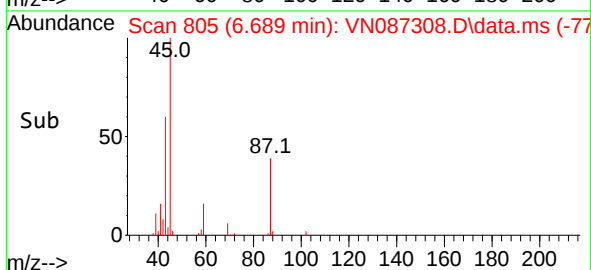
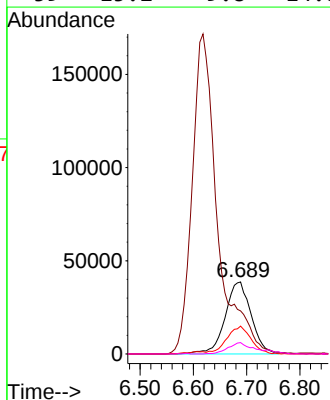
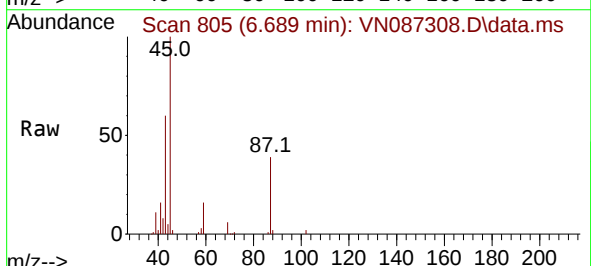
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#20
Diisopropyl ether
Concen: 13.599 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Tgt Ion: 45 Resp: 130695
Ion Ratio Lower Upper
45 100
43 57.0 45.3 67.9
87 38.2 22.6 33.8#
59 15.2 9.8 14.8#





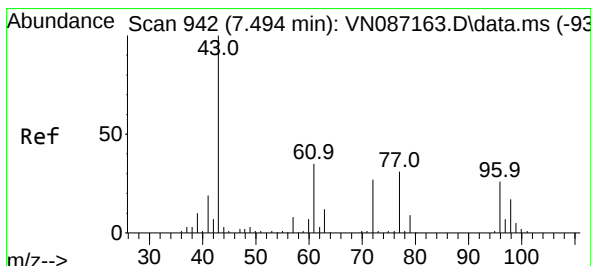
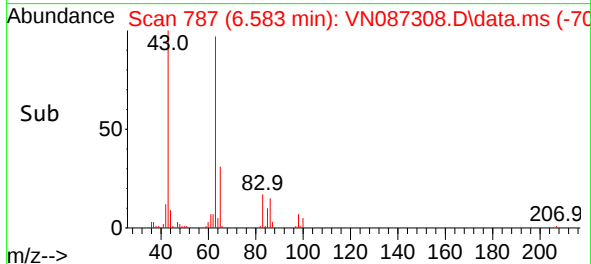
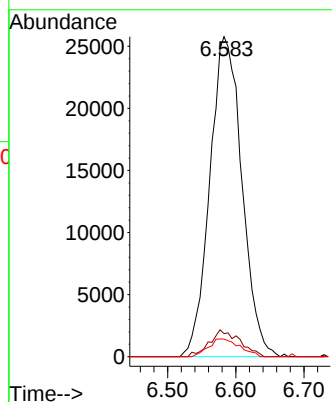
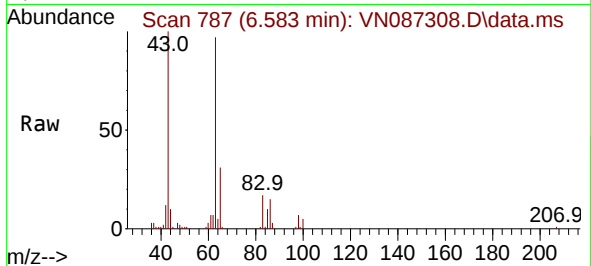
#21
1,1-Dichloroethane
Concen: 14.684 ug/l
RT: 6.583 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01

Tgt Ion: 63 Resp: 8434
Ion Ratio Lower Upper
63 100
98 7.2 3.5 10.4
100 5.5 2.0 5.8

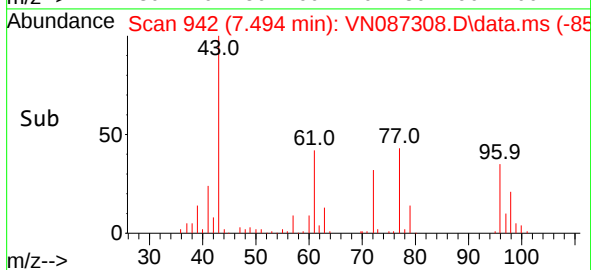
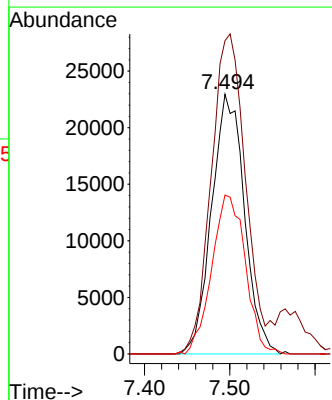
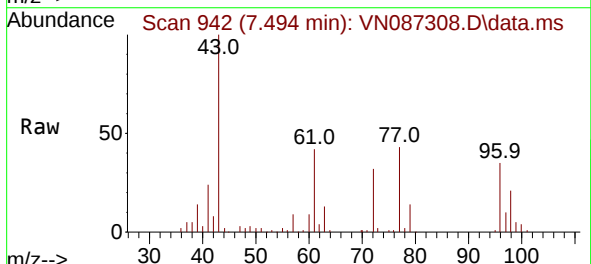
Manual Integrations
APPROVED

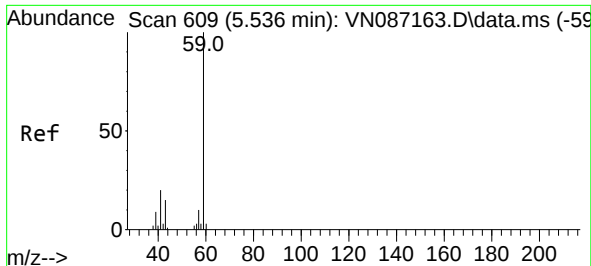
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#22
cis-1,2-Dichloroethene
Concen: 17.552 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

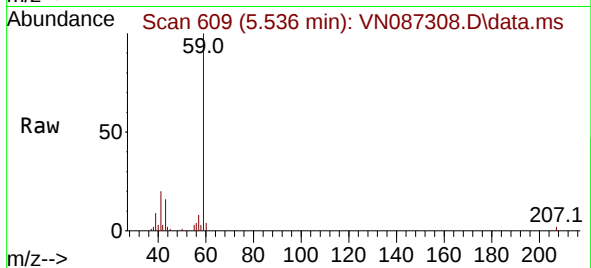
Tgt Ion: 96 Resp: 61352
Ion Ratio Lower Upper
96 100
61 127.9 119.2 178.8
98 62.5 50.6 75.8





#23
tert-Butyl Alcohol
Concen: 76.335 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

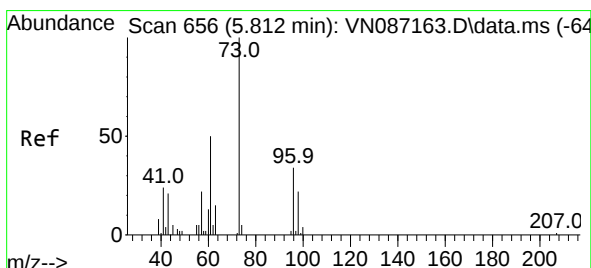
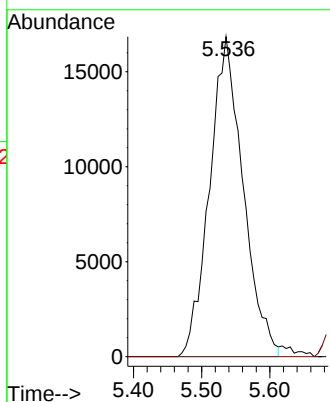
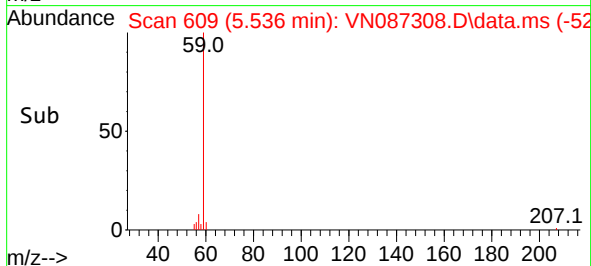
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



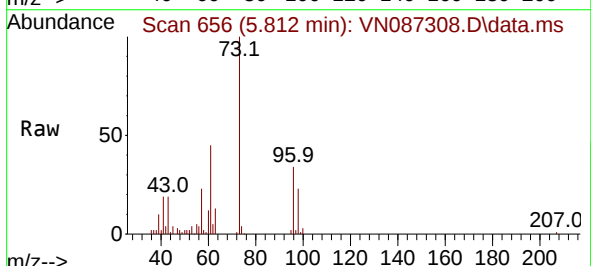
Tgt Ion: 59 Resp: 57684
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

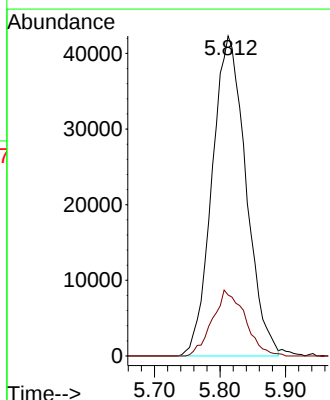
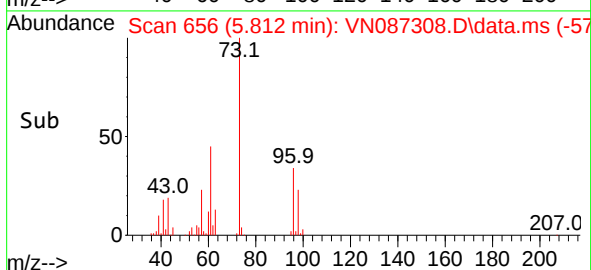
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

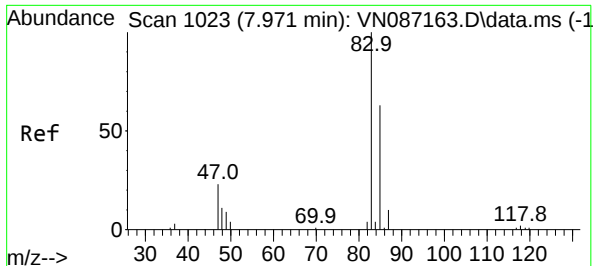


#24
Methyl tert-Butyl Ether
Concen: 15.763 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



Tgt Ion: 73 Resp: 151834
Ion Ratio Lower Upper
73 100
43 19.9 16.4 24.6





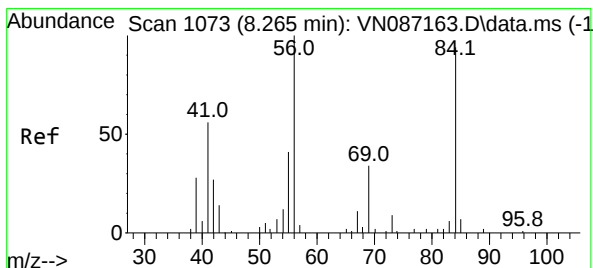
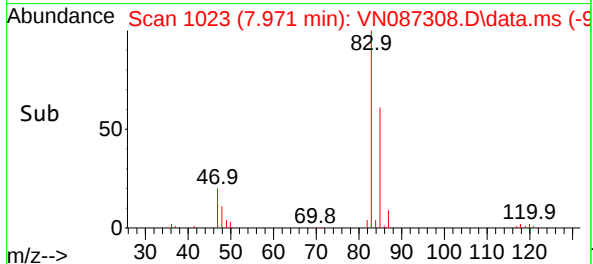
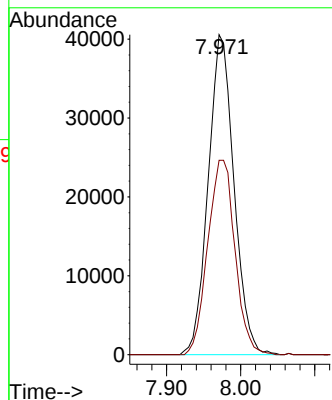
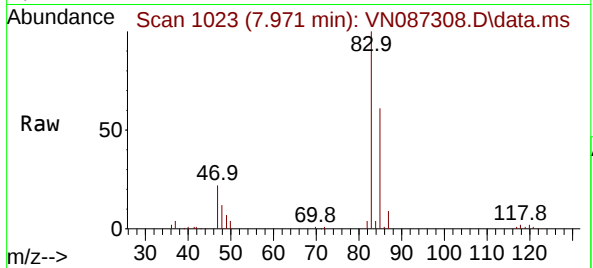
#25
Chloroform
Concen: 17.818 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01

Tgt Ion: 83 Resp: 98050
Ion Ratio Lower Upper
83 100
85 60.8 50.7 76.1

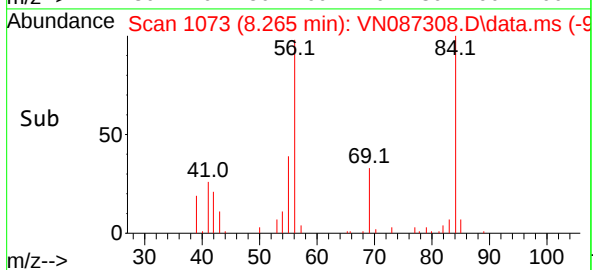
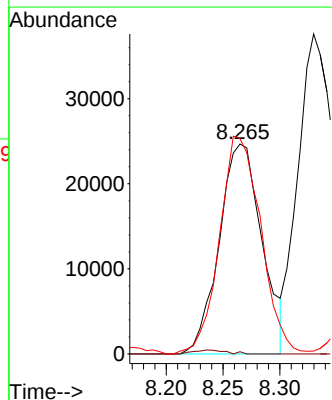
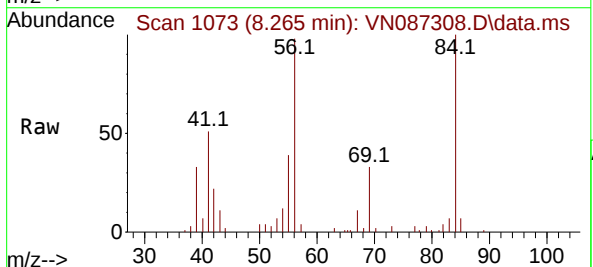
Manual Integrations
APPROVED

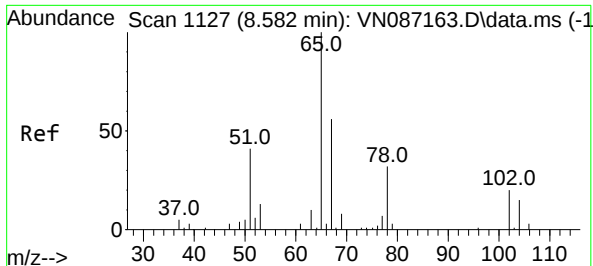
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#26
Cyclohexane
Concen: 13.512 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Tgt Ion: 56 Resp: 64513
Ion Ratio Lower Upper
56 100
89 0.1 6.9 10.3#
84 100.5 69.1 103.7





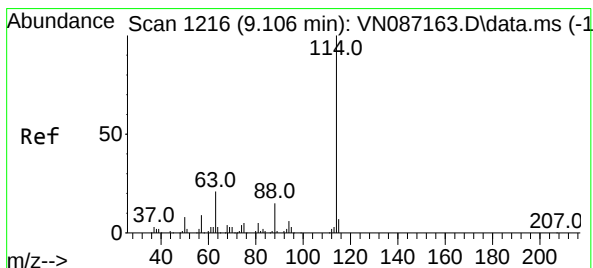
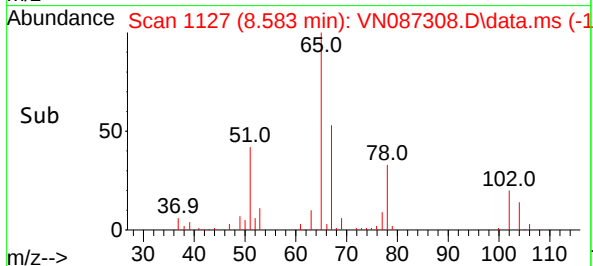
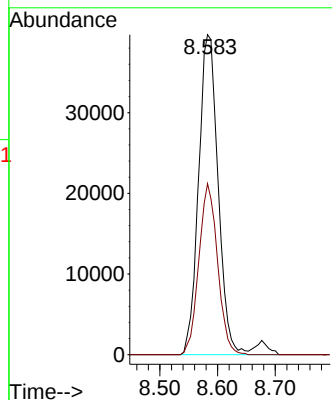
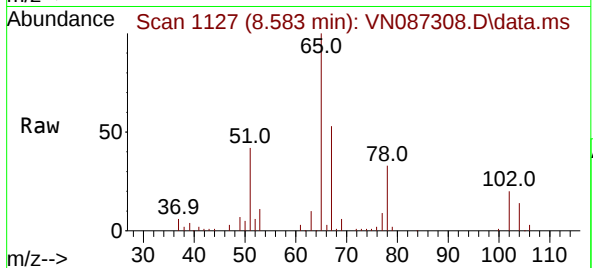
#27
1,2-Dichloroethane-d4
Concen: 28.009 ug/l m
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01

Tgt Ion: 65 Resp: 95678
Ion Ratio Lower Upper
65 100
67 49.9 41.9 62.9

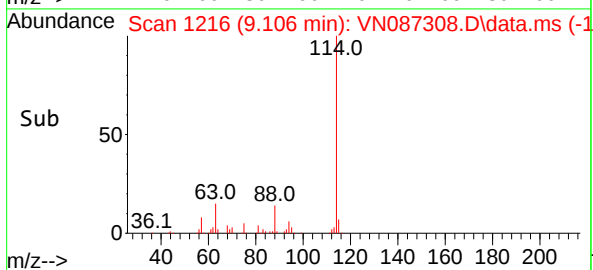
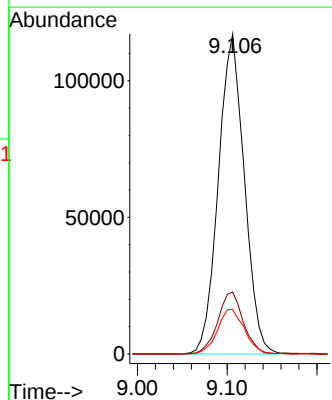
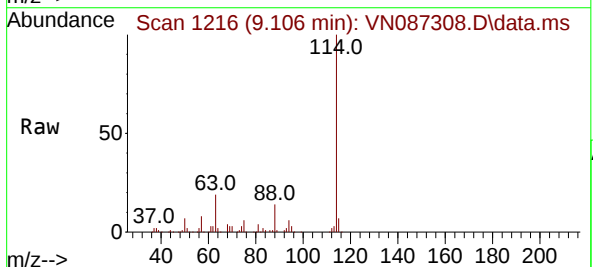
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

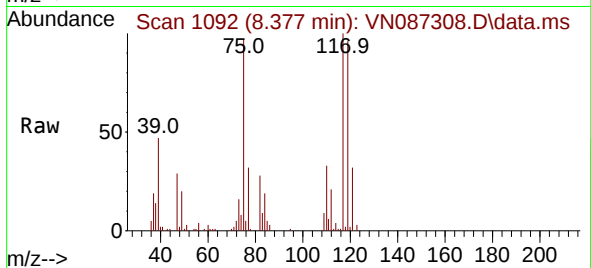
Tgt Ion:114 Resp: 235043
Ion Ratio Lower Upper
114 100
63 19.2 17.0 25.4
88 14.5 12.6 19.0





#29
1,1-Dichloropropene
Concen: 16.842 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

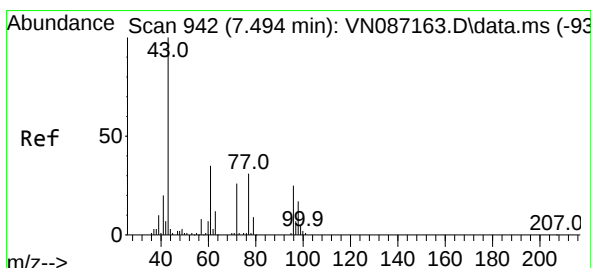
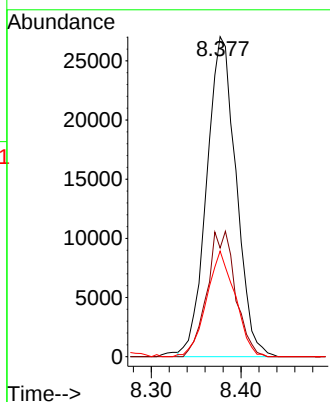
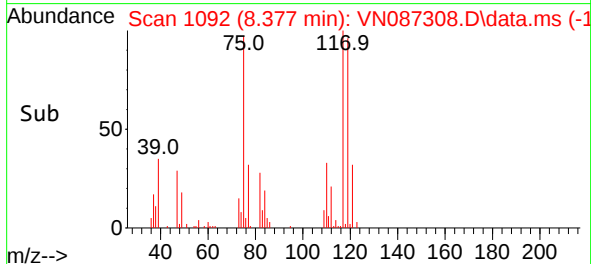
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



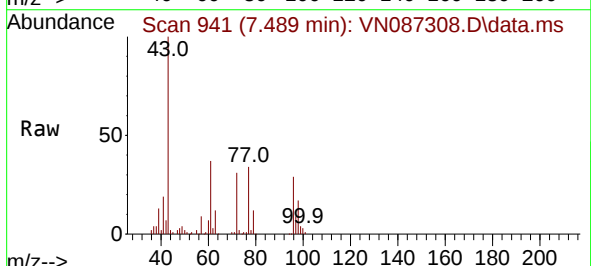
Tgt Ion: 75 Resp: 61700
Ion Ratio Lower Upper
75 100
110 20.0 0.0 69.2
77 32.1 0.0 61.8

Manual Integrations
APPROVED

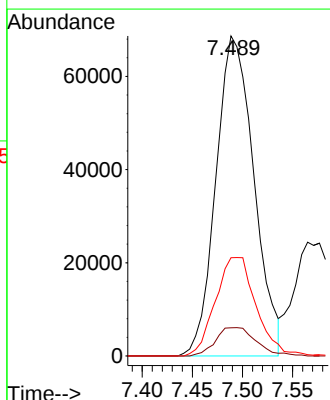
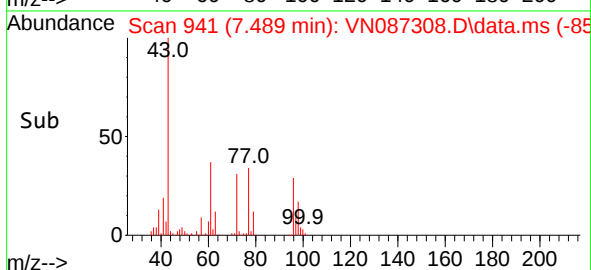
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#30
2-Butanone
Concen: 73.378 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



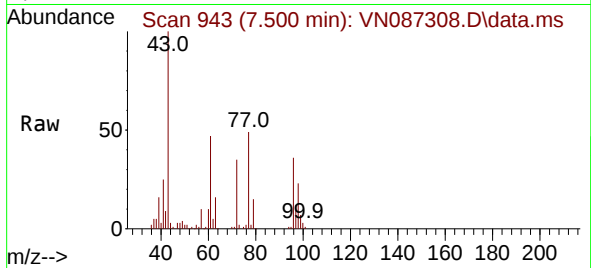
Tgt Ion: 43 Resp: 181334
Ion Ratio Lower Upper
43 100
57 0.0 6.3 9.5#
72 32.5 21.8 32.6





#31
2,2-Dichloropropane
Concen: 19.277 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

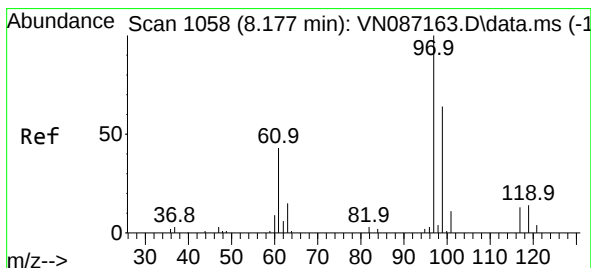
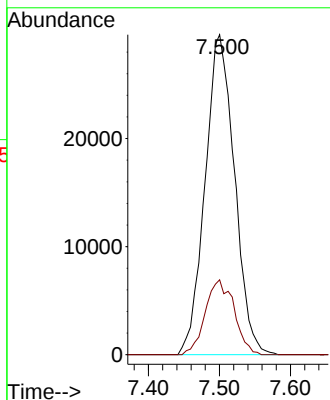
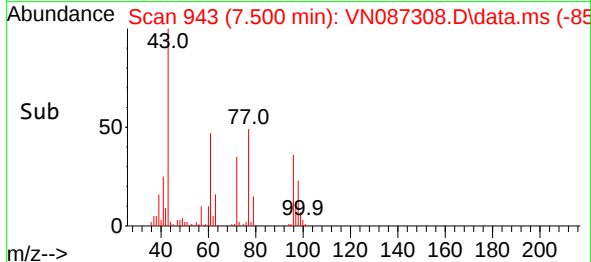
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



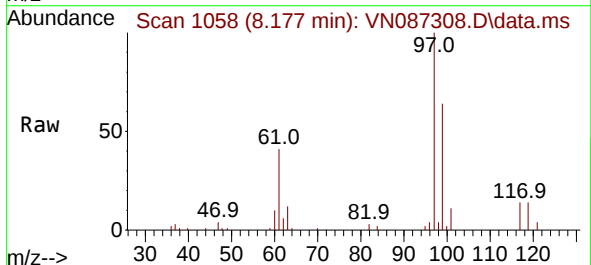
Tgt Ion: 77 Resp: 85248
Ion Ratio Lower Upper
77 100
97 15.1 18.4 27.6

Manual Integrations
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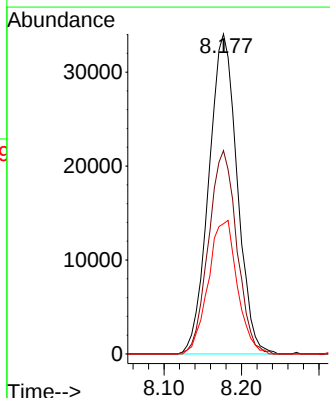
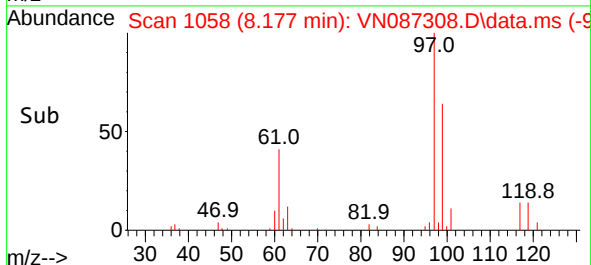
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#32
1,1,1-Trichloroethane
Concen: 20.272 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



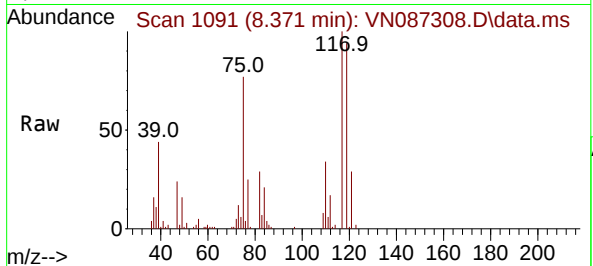
Tgt Ion: 97 Resp: 86764
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 42.6 36.1 54.1





#33
Carbon Tetrachloride
Concen: 21.398 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

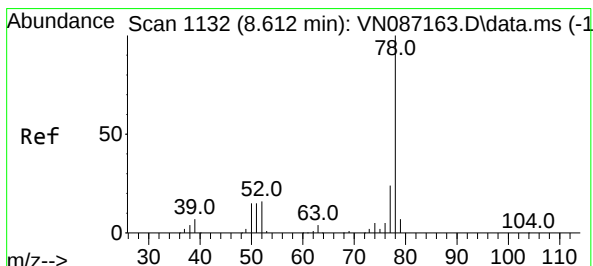
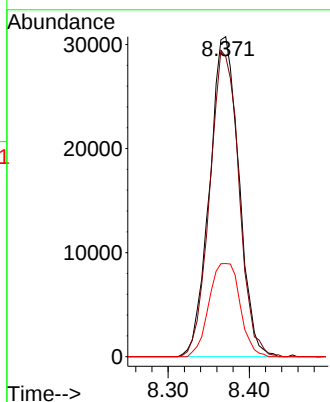
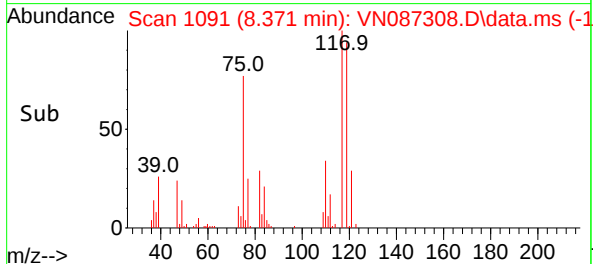
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



Tgt Ion: 117 Resp: 77070
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.6
121 29.1 26.2 39.4

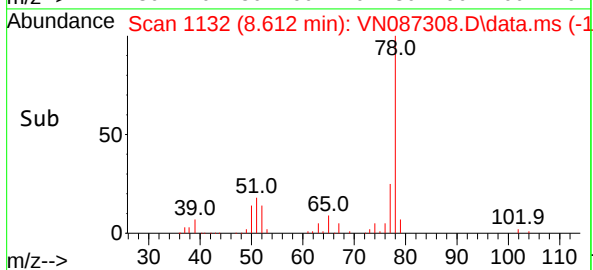
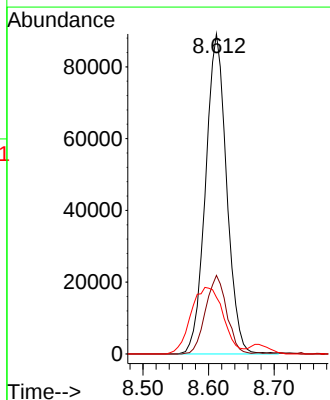
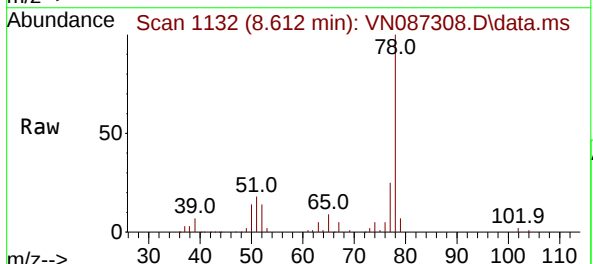
Manual Integrations
APPROVED

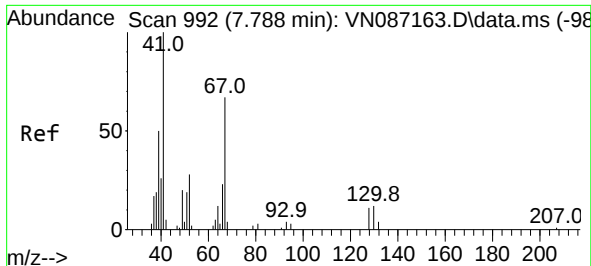
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#34
Benzene
Concen: 17.148 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

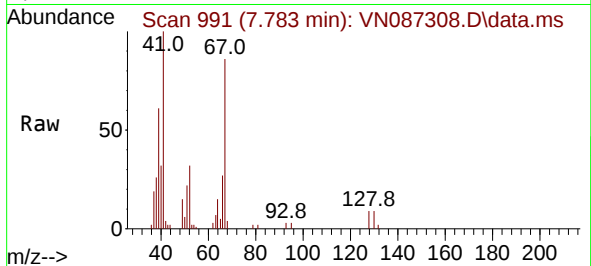
Tgt Ion: 78 Resp: 199018
Ion Ratio Lower Upper
78 100
77 24.5 19.5 29.3
51 17.3 14.8 22.2





#35
Methacrylonitrile
Concen: 13.964 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

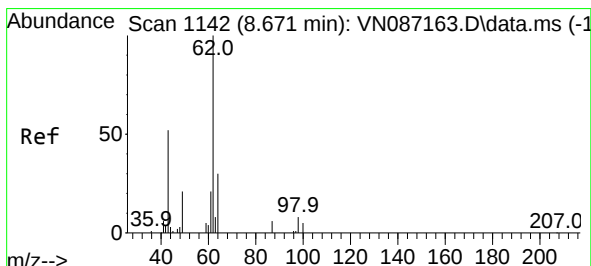
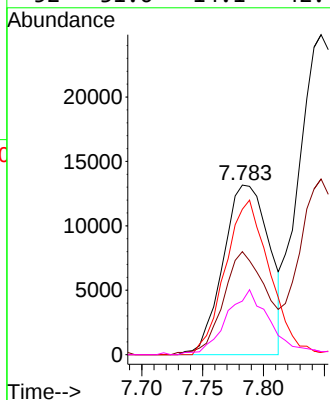
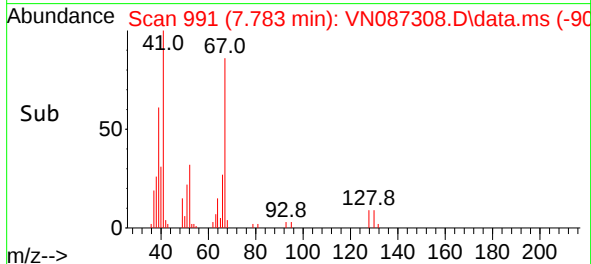
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



Tgt Ion:	41	Resp:	3477
Ion Ratio	100	Lower	Upper
39	59.5	24.4	73.2
67	85.7	33.3	99.8
52	31.6	14.1	42.4

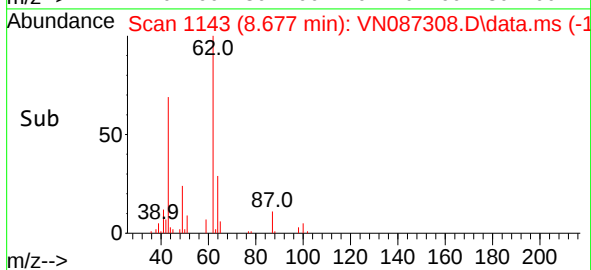
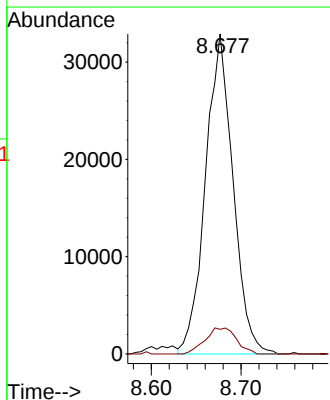
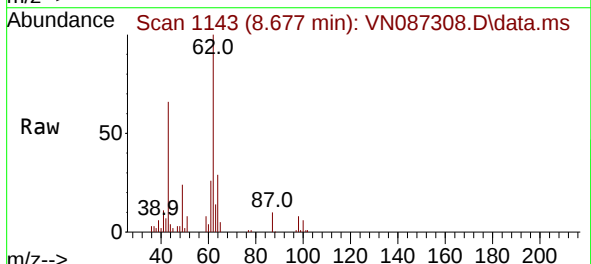
Manual Integrations
APPROVED

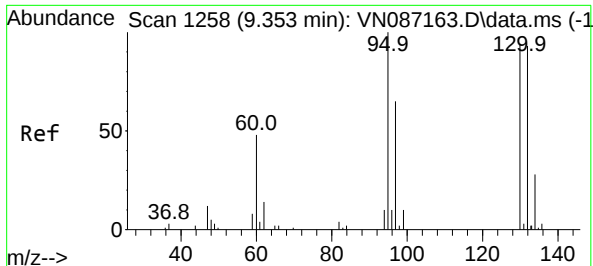
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#36
1,2-Dichloroethane
Concen: 18.720 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

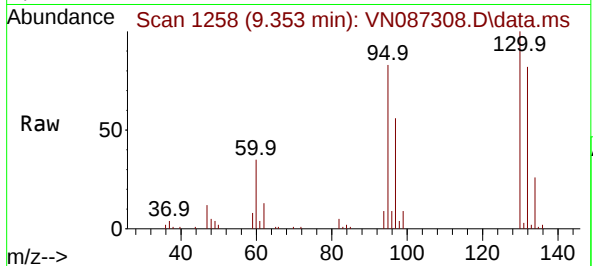
Tgt Ion:	62	Resp:	70198
Ion Ratio	100	Lower	Upper
98	9.2	7.2	10.8





#37
Trichloroethene
Concen: 20.401 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

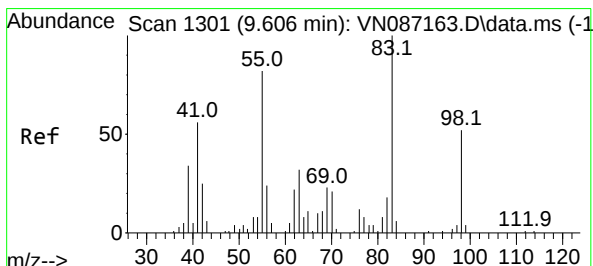
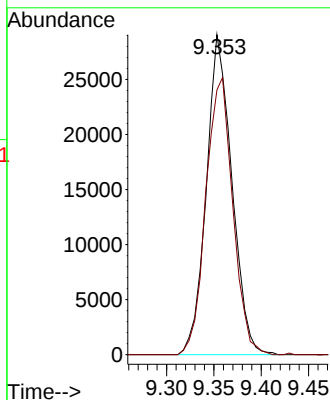
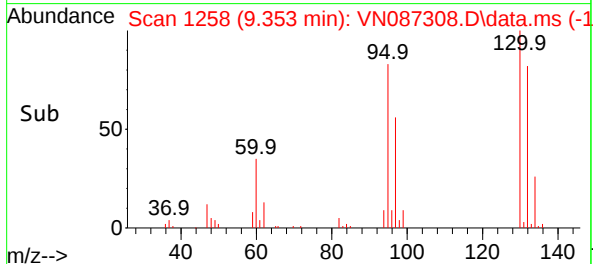
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



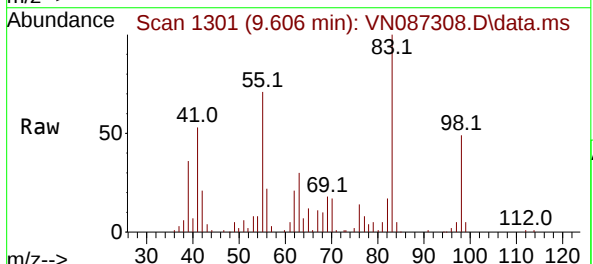
Tgt Ion:130 Resp: 5461
Ion Ratio Lower Upper
130 100
95 82.7 85.3 127.9

Manual Integrations
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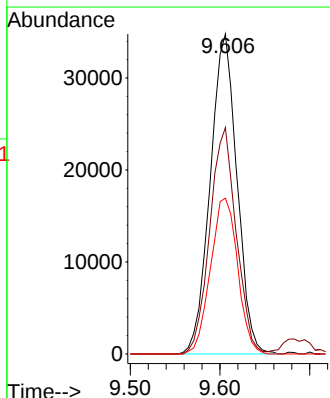
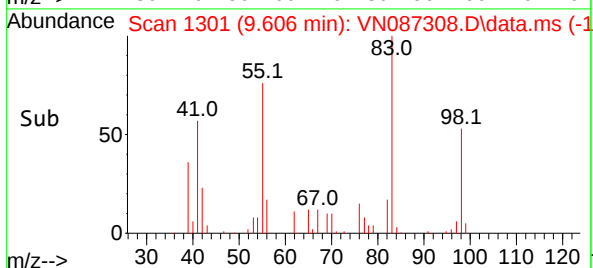
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

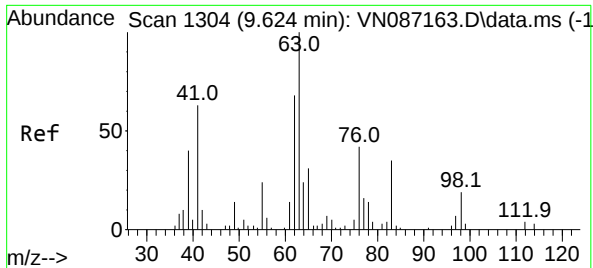


#38
Methylcyclohexane
Concen: 17.147 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



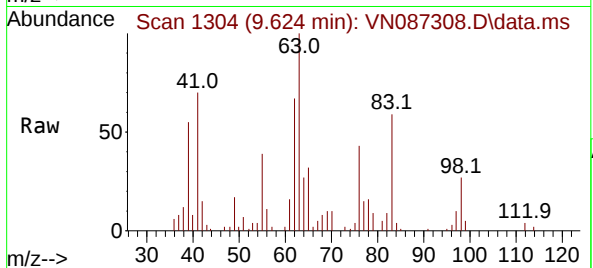
Tgt Ion: 83 Resp: 72077
Ion Ratio Lower Upper
83 100
55 69.9 40.1 120.2
98 49.3 24.4 73.2





#39
1,2-Dichloropropane
Concen: 16.149 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

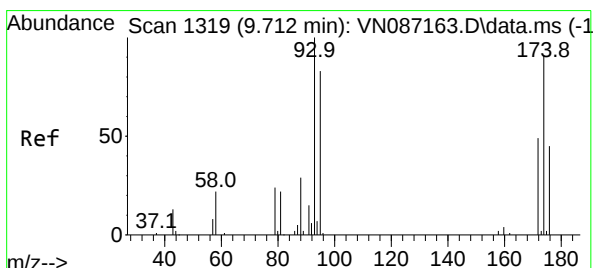
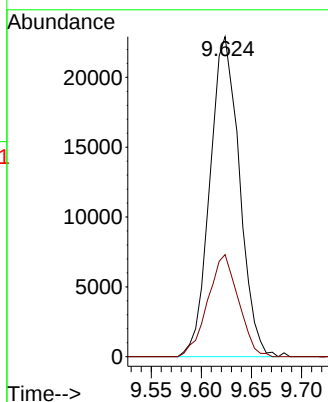
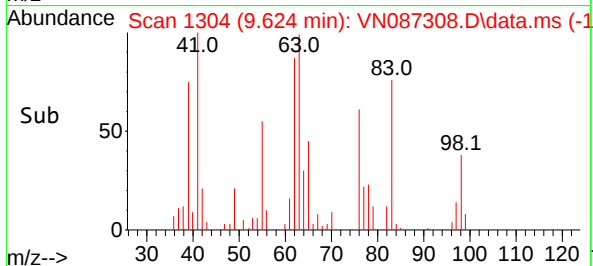
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



Tgt Ion: 63 Resp: 4704
Ion Ratio Lower Upper
63 100
65 31.9 24.6 36.8

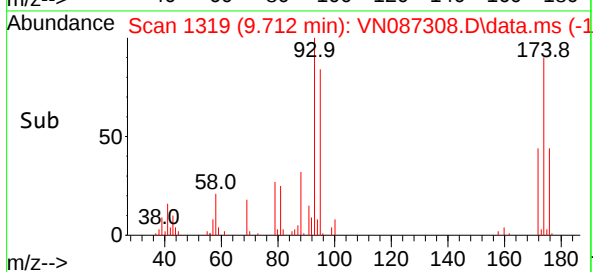
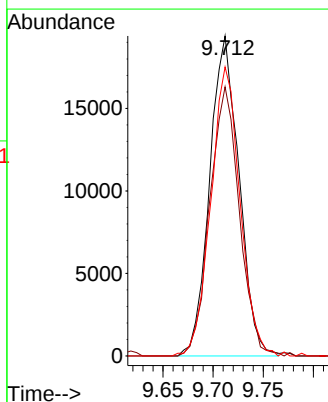
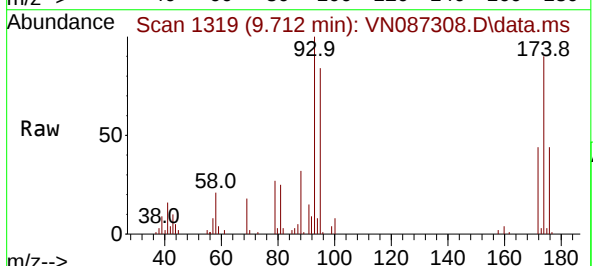
Manual Integrations
APPROVED

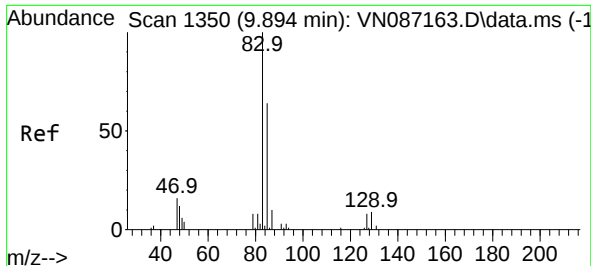
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#40
Dibromomethane
Concen: 19.953 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

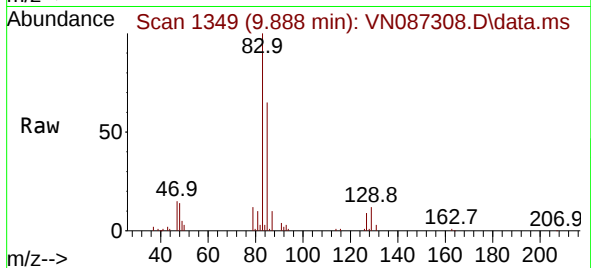
Tgt Ion: 93 Resp: 39522
Ion Ratio Lower Upper
93 100
95 84.6 0.0 170.8
174 89.8 0.0 176.6





#41
Bromodichloromethane
Concen: 19.200 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

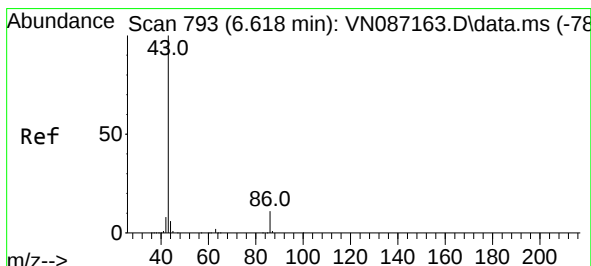
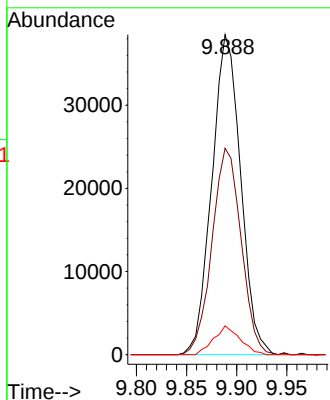
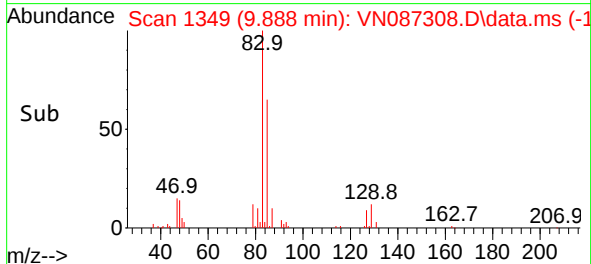
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



Tgt Ion: 83 Resp: 7676
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.2
127 9.0 6.1 9.1

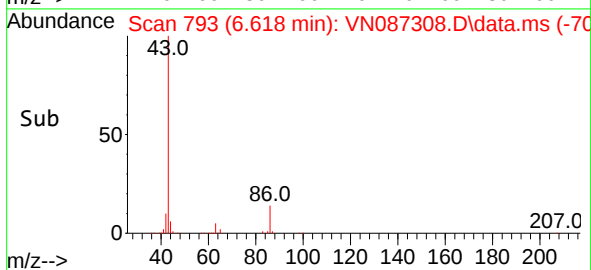
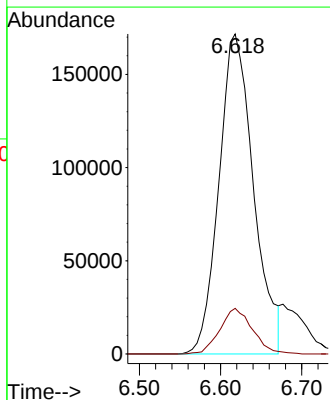
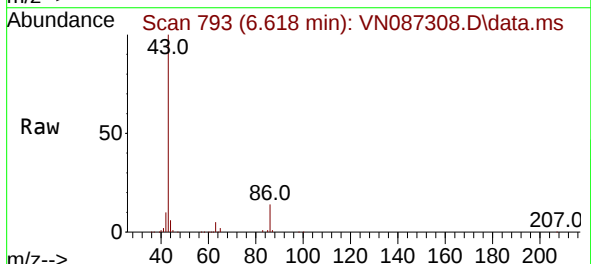
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#42
Vinyl Acetate
Concen: 63.417 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

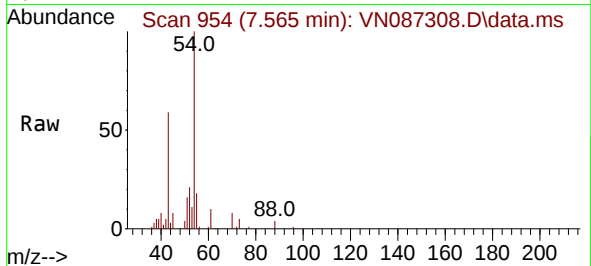
Tgt Ion: 43 Resp: 509724
Ion Ratio Lower Upper
43 100
86 13.5 7.7 11.5#





#43
Ethyl Acetate
Concen: 15.796 ug/l
RT: 7.565 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

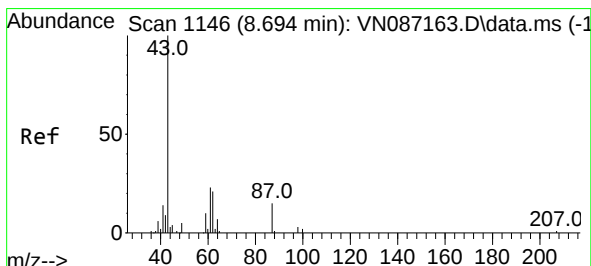
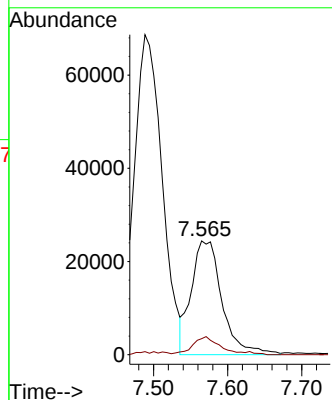
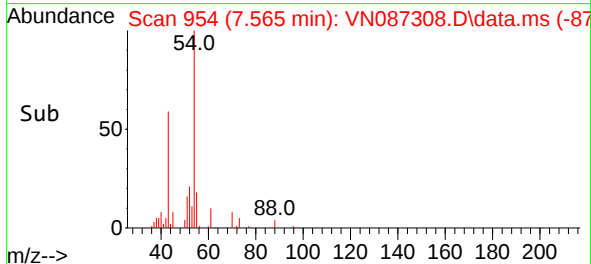
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



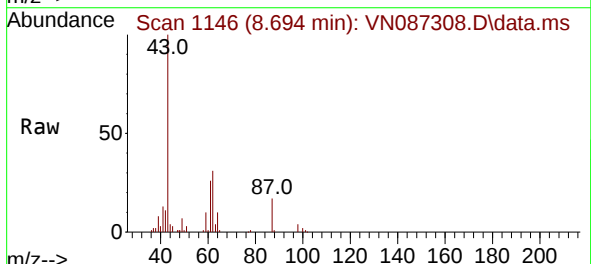
Tgt Ion: 43 Resp: 70460
Ion Ratio Lower Upper
43 100
45 12.6 11.5 17.3

Manual Integrations
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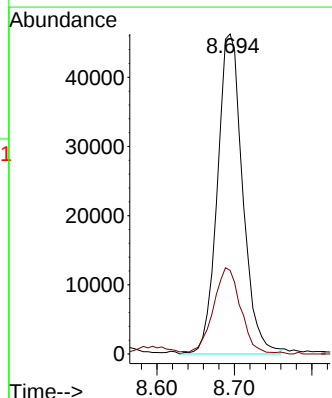
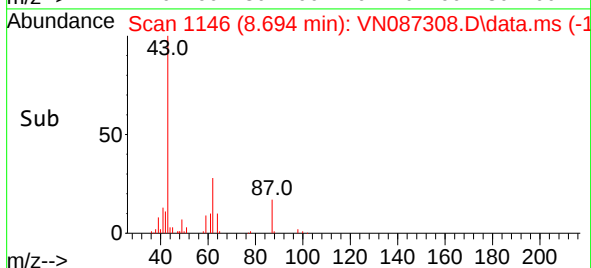
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

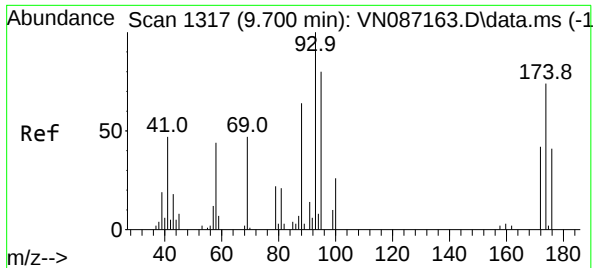


#44
Isopropyl Acetate
Concen: 14.437 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



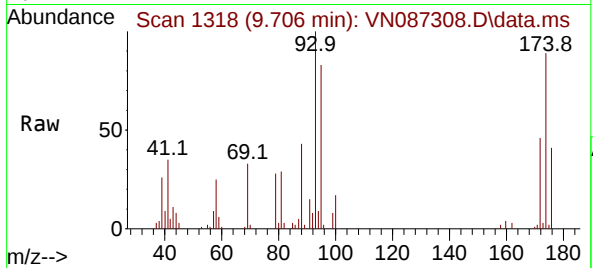
Tgt Ion: 43 Resp: 104933
Ion Ratio Lower Upper
43 100
61 29.2 20.5 30.7





#45
1,4-Dioxane
Concen: 392.494 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

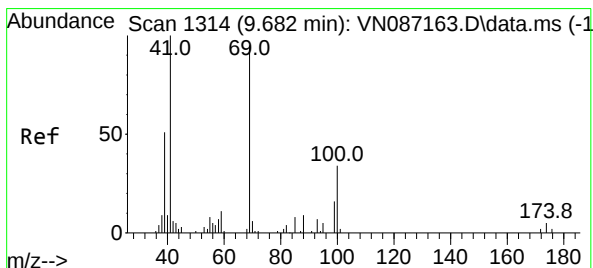
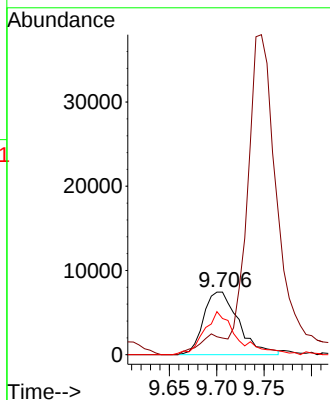
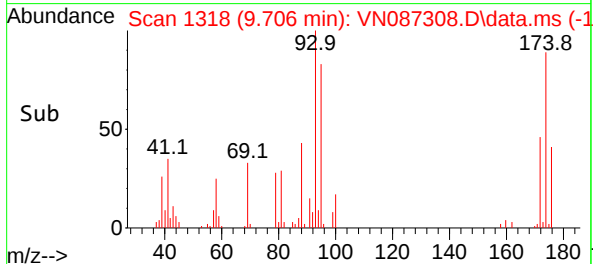
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



Tgt Ion: 88 Resp: 19298
Ion Ratio Lower Upper
88 100
43 24.8 21.3 31.9
58 54.3 61.7 92.5

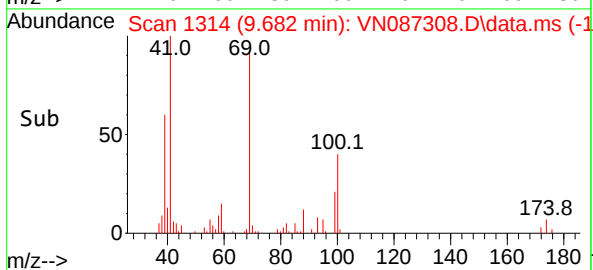
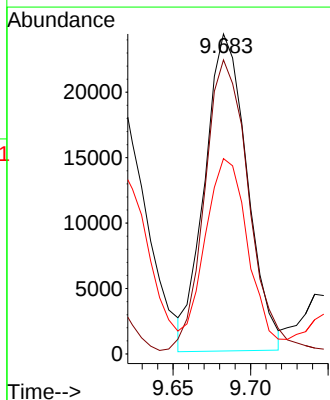
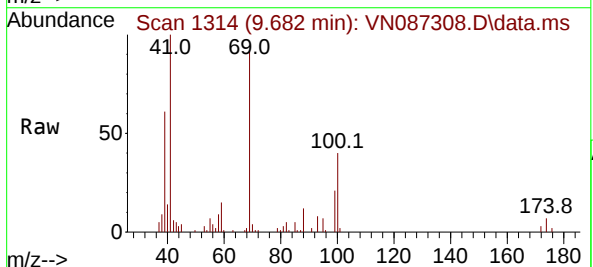
Manual Integrations
APPROVED

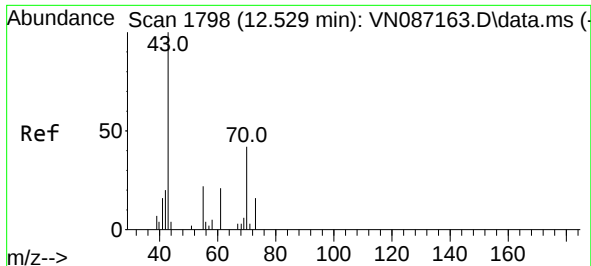
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#46
Methyl methacrylate
Concen: 13.624 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Tgt Ion: 41 Resp: 46035
Ion Ratio Lower Upper
41 100
69 94.1 45.6 136.9
39 60.8 26.2 78.5





#47

n-amy1 Acetate

Concen: 17.889 ug/l m

RT: 12.547 min Scan# 11

Delta R.T. 0.018 min

Lab File: VN087308.D

Acq: 09 Jul 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD01

Tgt Ion: 43 Resp: 79494

Ion Ratio Lower Upper

43 100

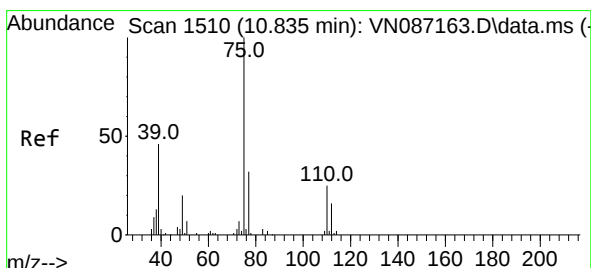
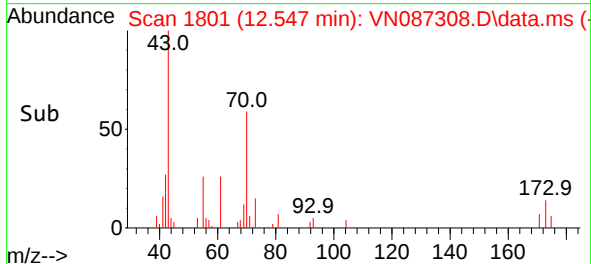
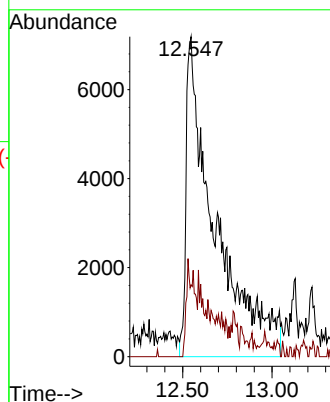
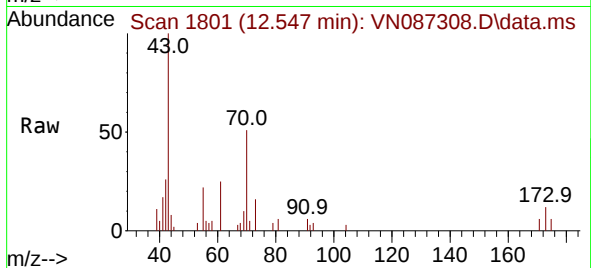
55 1.8 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#48

t-1,3-Dichloropropene

Concen: 17.501 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN087308.D

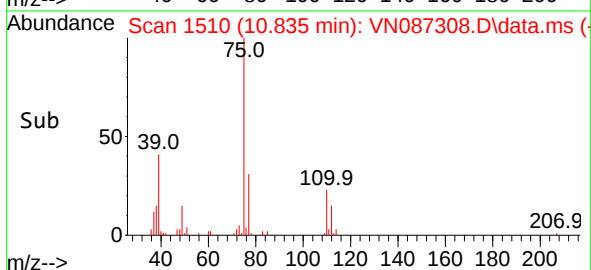
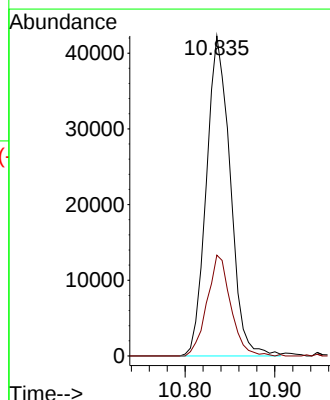
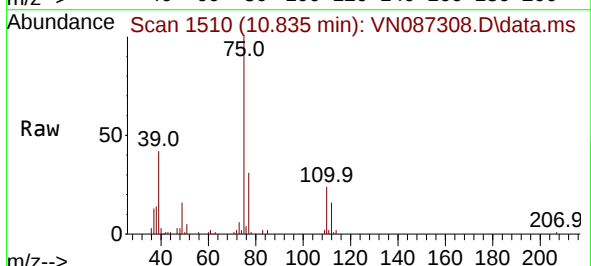
Acq: 09 Jul 2025 12:21

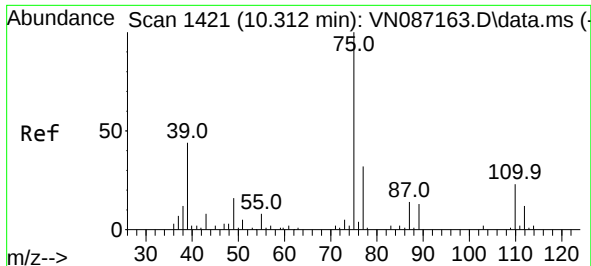
Tgt Ion: 75 Resp: 78002

Ion Ratio Lower Upper

75 100

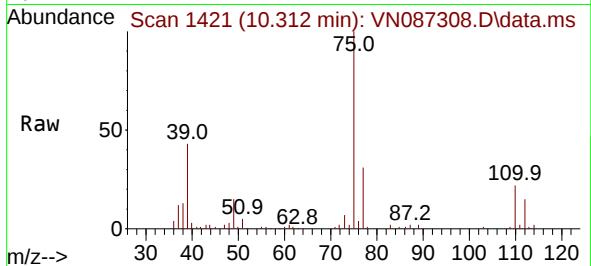
77 31.5 25.4 38.0





#49
cis-1,3-Dichloropropene
Concen: 17.088 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

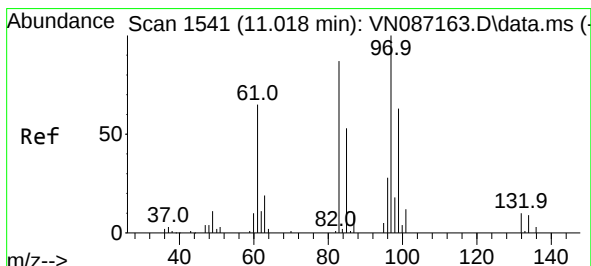
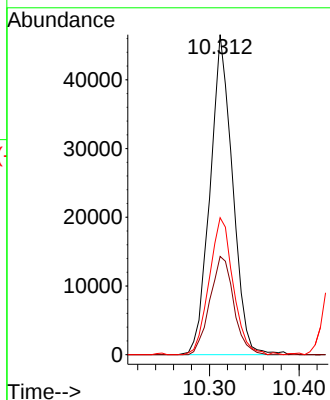
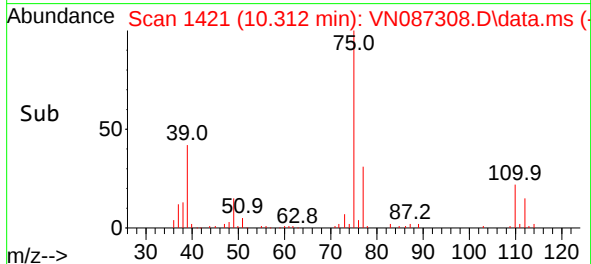
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



Tgt Ion: 75 Resp: 80960
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2
39 42.8 35.3 52.9

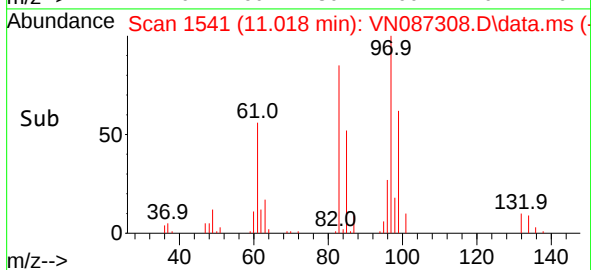
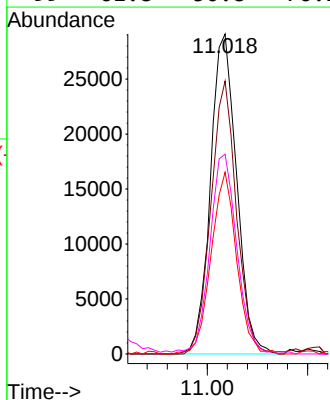
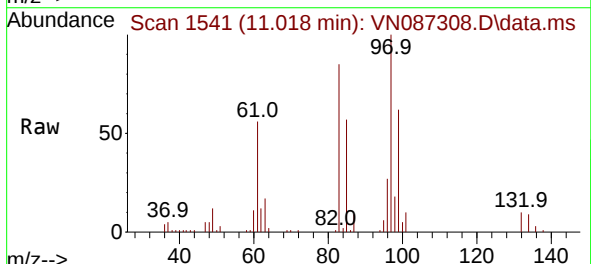
Manual Integrations
APPROVED

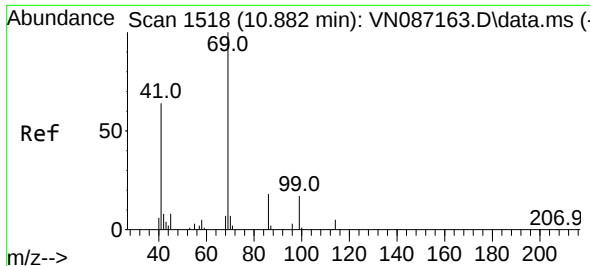
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#50
1,1,2-Trichloroethane
Concen: 18.786 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

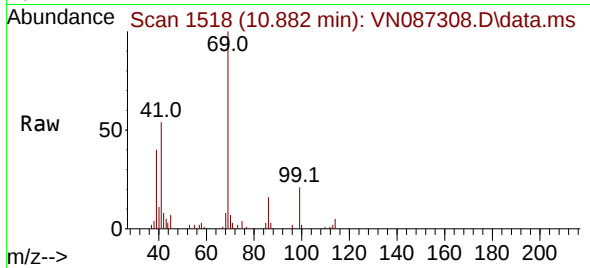
Tgt Ion: 97 Resp: 52858
Ion Ratio Lower Upper
97 100
83 85.3 69.6 104.4
85 56.8 42.0 63.0
99 61.8 50.8 76.2





#51
Ethyl methacrylate
Concen: 15.028 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

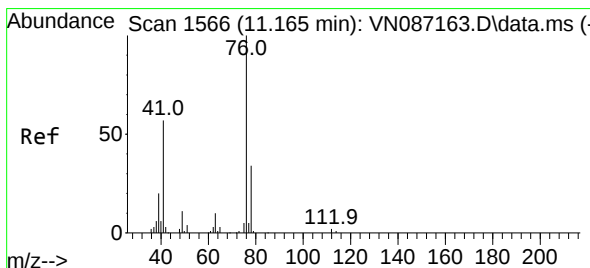
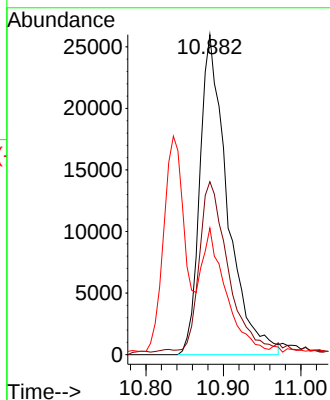
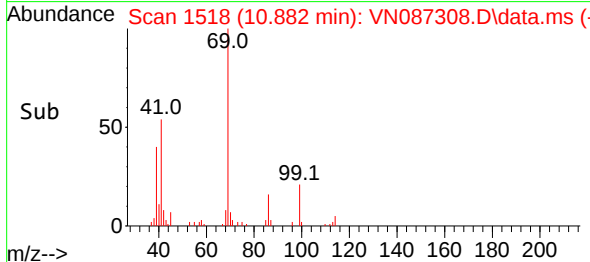
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



Tgt Ion: 69 Resp: 6436
Ion Ratio Lower Upper
69 100
41 52.6 31.8 95.3
39 37.2 15.3 45.8

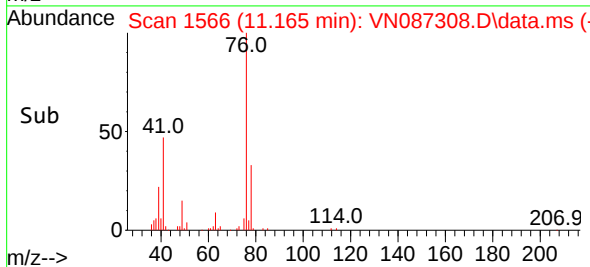
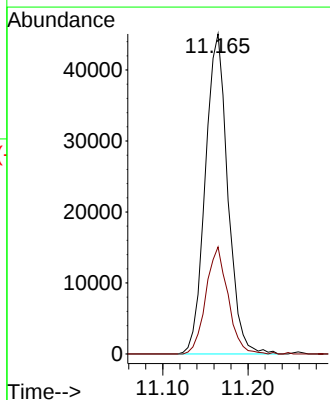
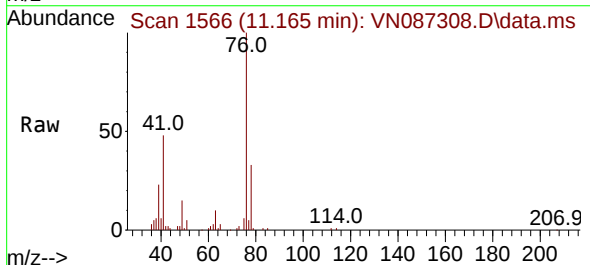
Manual Integrations
APPROVED

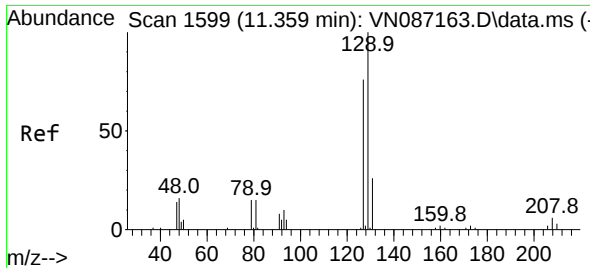
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#52
1,3-Dichloropropane
Concen: 17.133 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

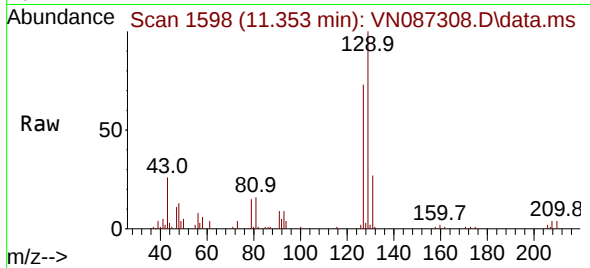
Tgt Ion: 76 Resp: 82761
Ion Ratio Lower Upper
76 100
78 32.9 0.0 63.0





#53
Dibromochloromethane
Concen: 21.177 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

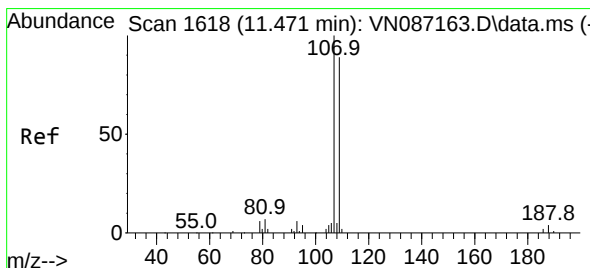
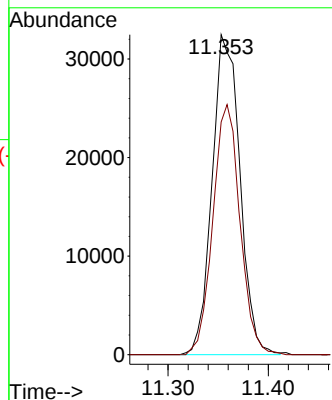
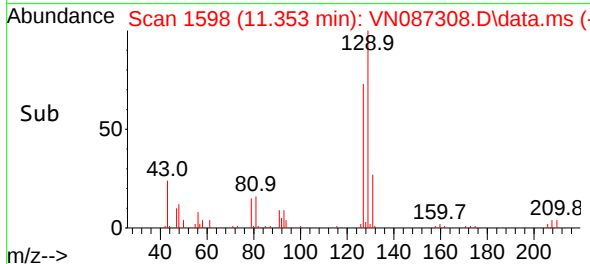
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



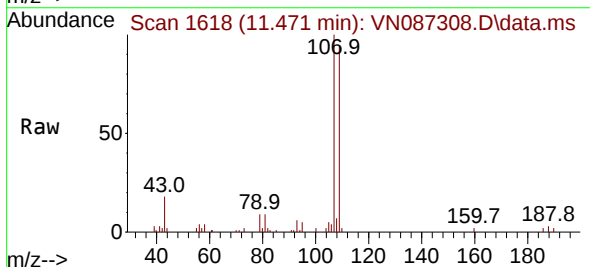
Tgt Ion:129 Resp: 6254
Ion Ratio Lower Upper
129 100
127 76.2 39.6 118.8

Manual Integrations
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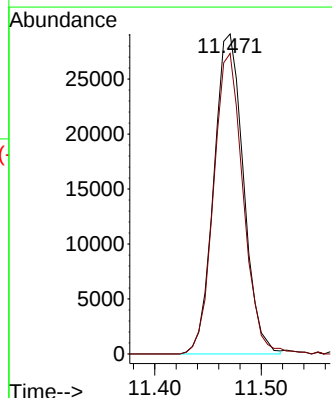
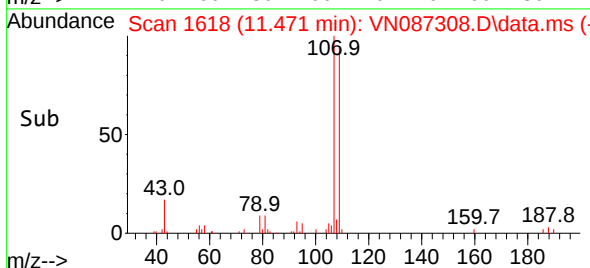
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

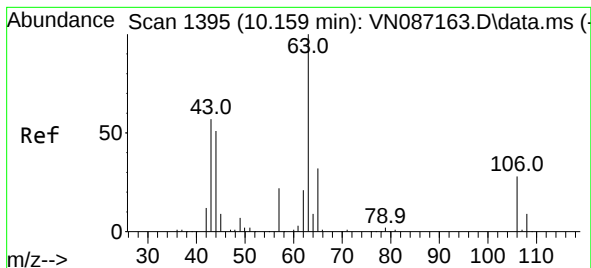


#54
1,2-Dibromoethane
Concen: 19.340 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



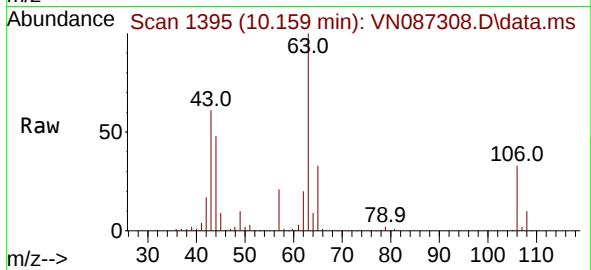
Tgt Ion:107 Resp: 56143
Ion Ratio Lower Upper
107 100
109 93.7 73.5 110.3





#55
2-Chloroethyl vinyl ether
Concen: 67.477 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

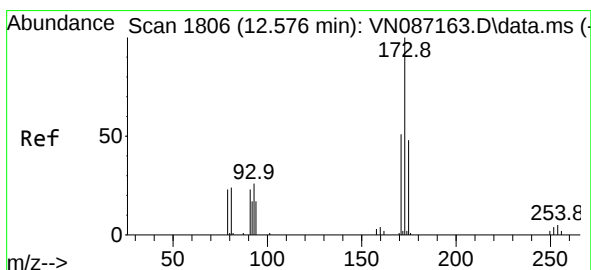
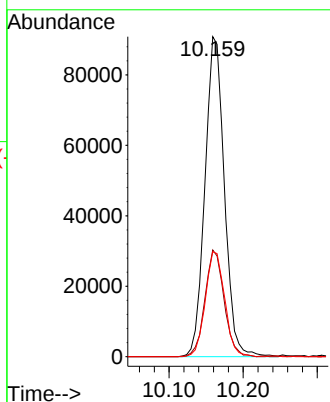
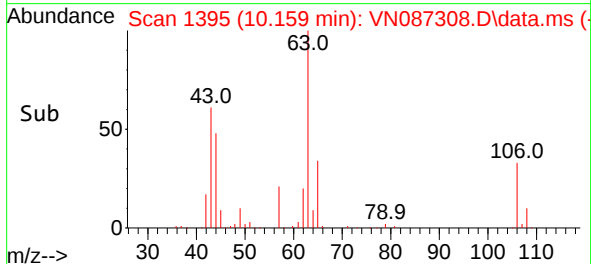
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



Tgt Ion: 63 Resp: 16564
Ion Ratio Lower Upper
63 100
65 32.8 25.6 38.4
106 32.6 21.9 32.9

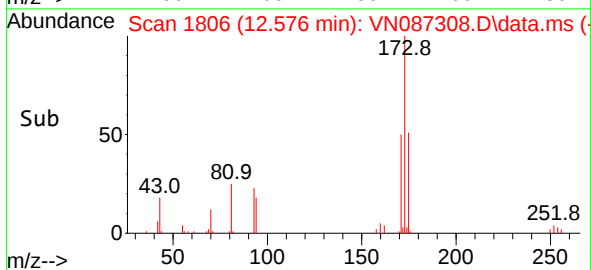
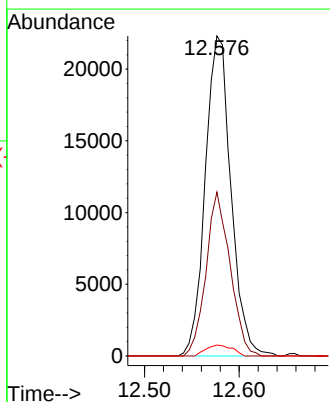
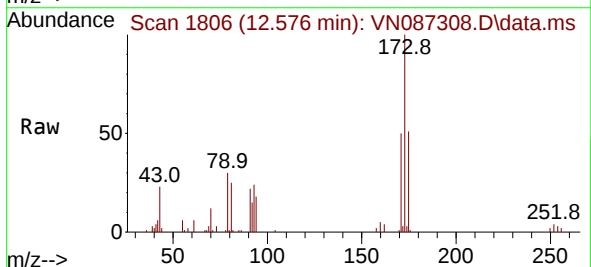
Manual Integrations
APPROVED

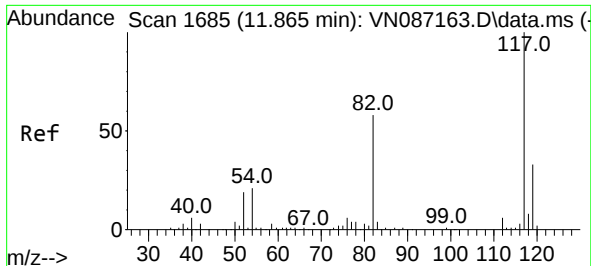
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#56
Bromoform
Concen: 20.755 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

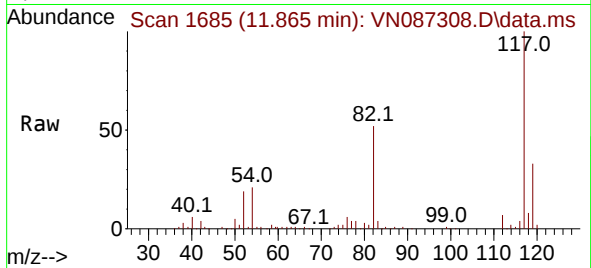
Tgt Ion:173 Resp: 42142
Ion Ratio Lower Upper
173 100
175 47.8 38.7 58.1
254 3.5 4.2 6.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

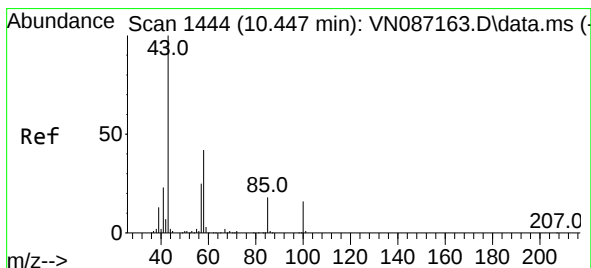
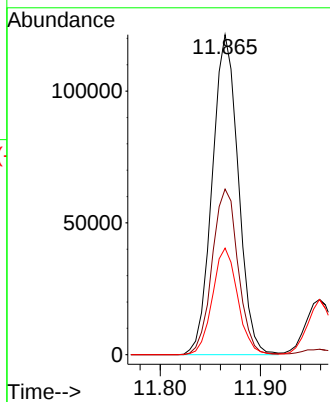
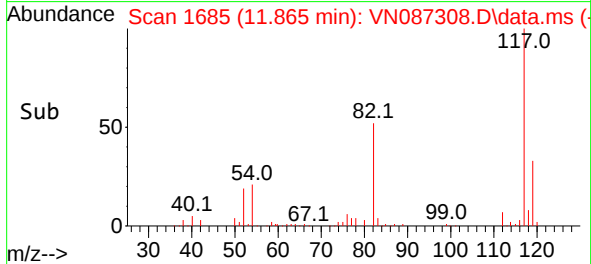
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



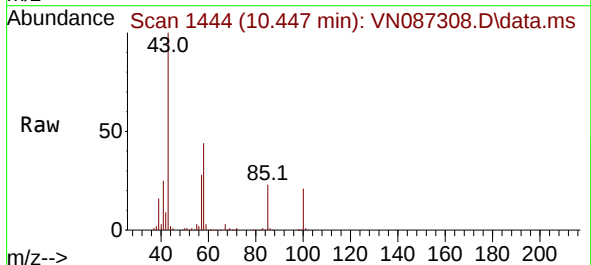
Tgt Ion: 117 Resp: 219225
Ion Ratio Lower Upper
117 100
82 51.5 45.4 68.2
119 32.3 26.2 39.4

Manual Integrations
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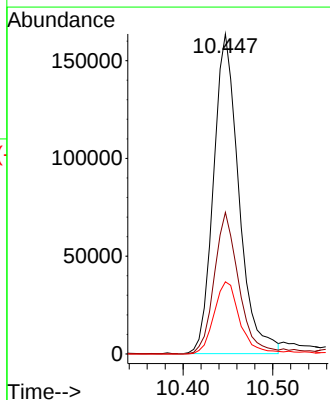
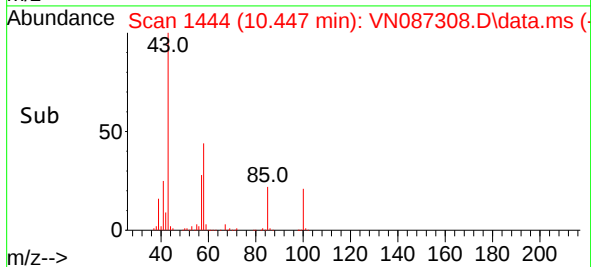
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

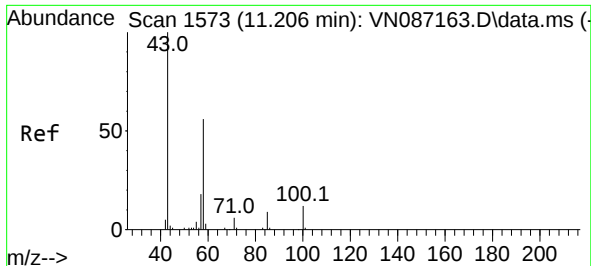


#58
4-Methyl-2-Pentanone
Concen: 72.760 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



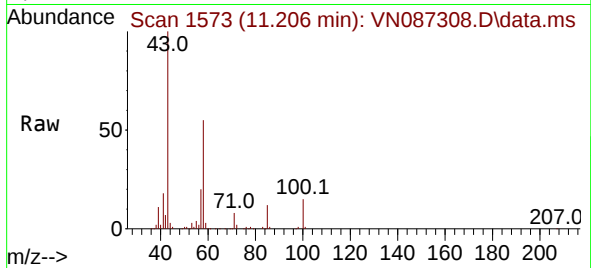
Tgt Ion: 43 Resp: 320669
Ion Ratio Lower Upper
43 100
58 42.8 32.6 49.0
85 23.0 14.6 22.0#





#59
2-Hexanone
Concen: 69.344 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

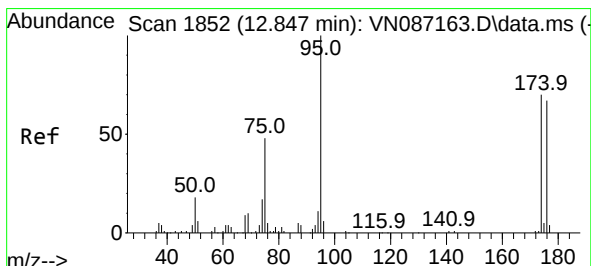
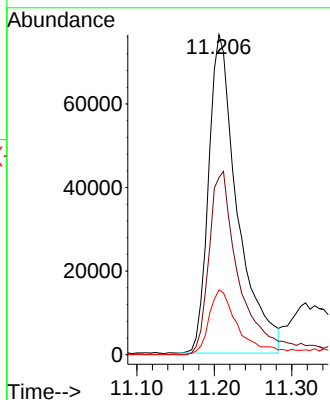
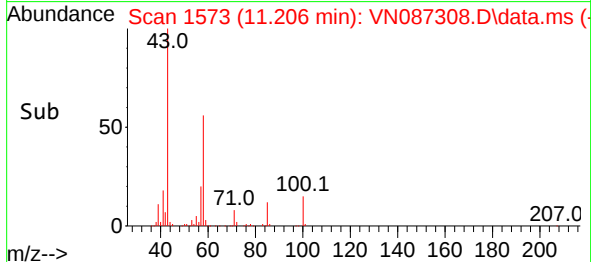
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



Tgt Ion: 43 Resp: 19734
Ion Ratio Lower Upper
43 100
58 59.6 49.2 73.8
57 19.5 15.3 22.9

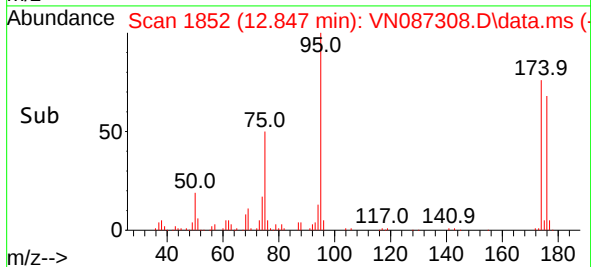
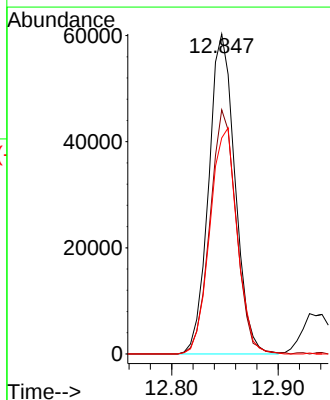
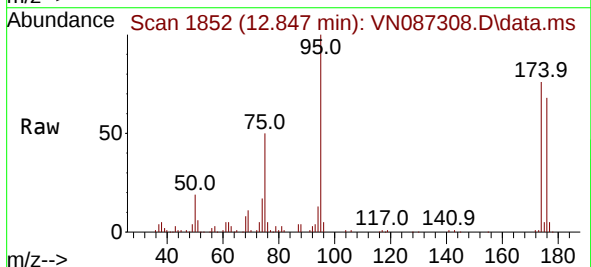
Manual Integrations
APPROVED

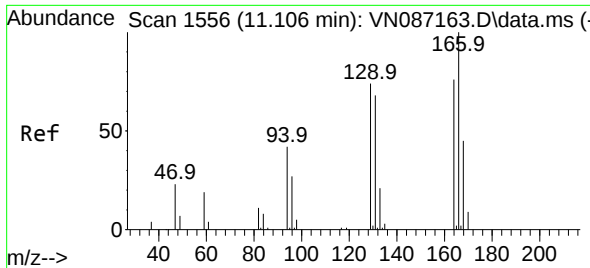
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#60
4-Bromofluorobenzene
Concen: 30.593 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

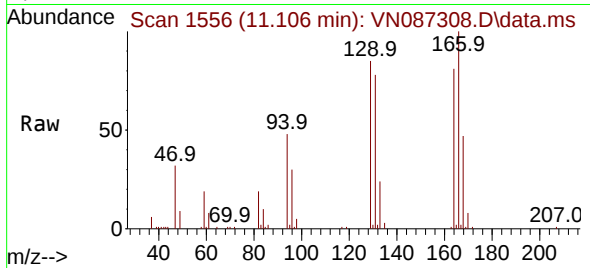
Tgt Ion: 95 Resp: 103494
Ion Ratio Lower Upper
95 100
174 75.9 54.5 81.7
176 73.1 51.9 77.9





#61
Tetrachloroethene
Concen: 20.135 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

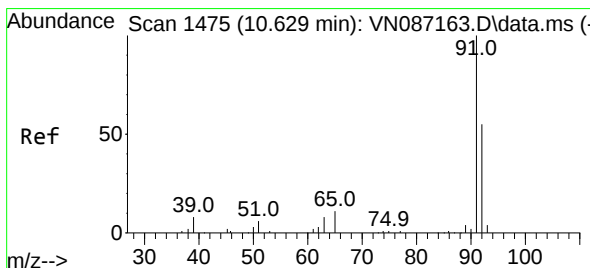
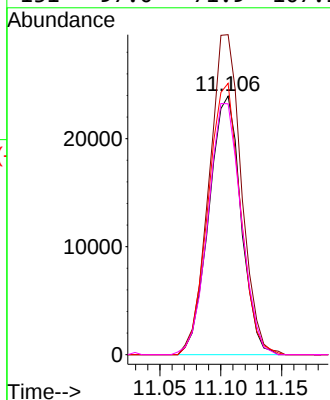
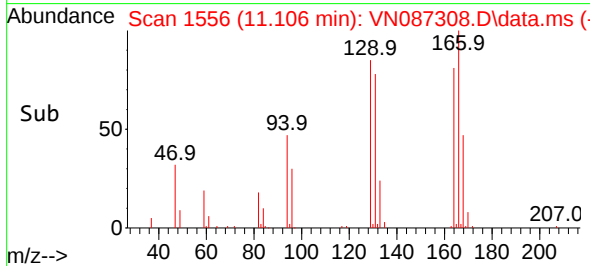
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



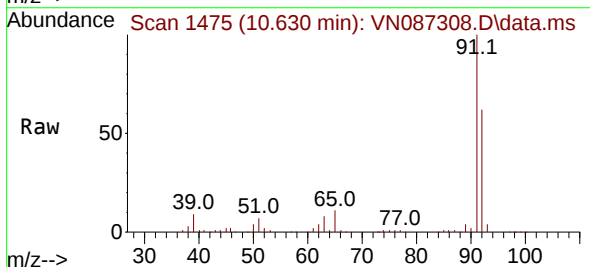
Tgt Ion:164 Resp: 43714
Ion Ratio Lower Upper
164 100
166 123.7 105.4 158.2
129 104.9 77.9 116.9
131 97.0 71.9 107.9

Manual Integrations
APPROVED

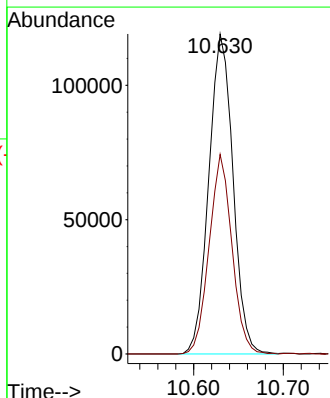
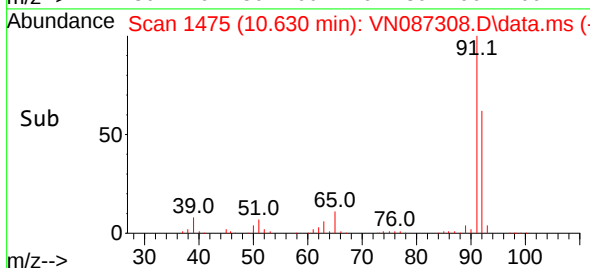
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

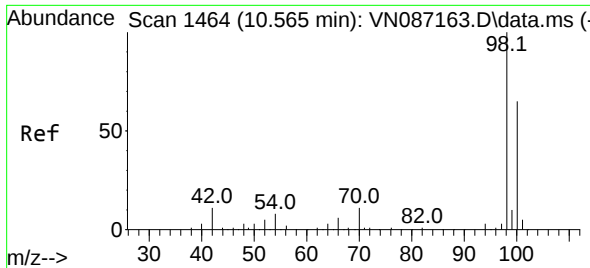


#62
Toluene
Concen: 18.006 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



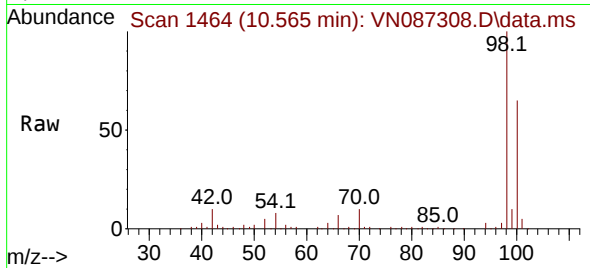
Tgt Ion: 91 Resp: 222945
Ion Ratio Lower Upper
91 100
92 58.9 45.8 68.8





#63
Toluene-d8
Concen: 29.653 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

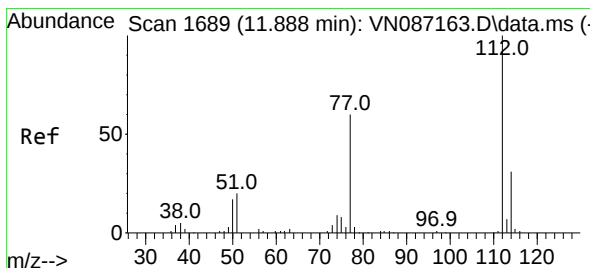
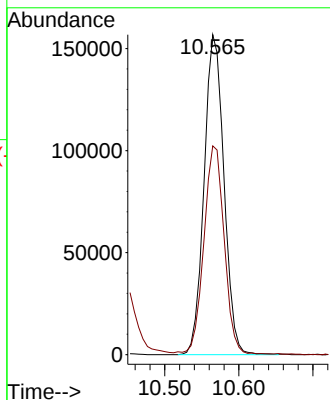
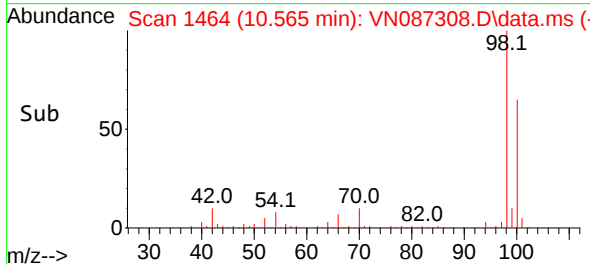
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



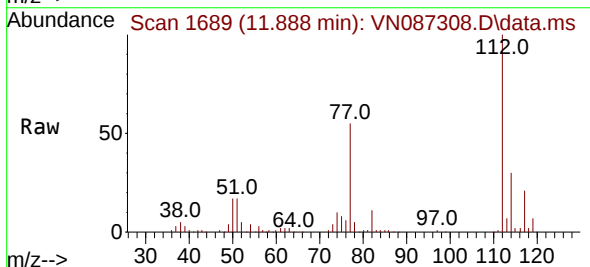
Tgt Ion: 98 Resp: 29188
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7

Manual Integrations
APPROVED

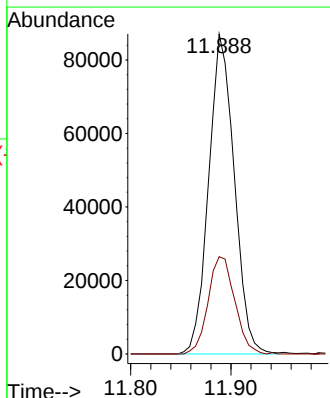
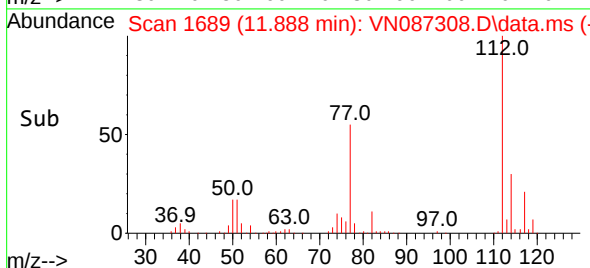
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

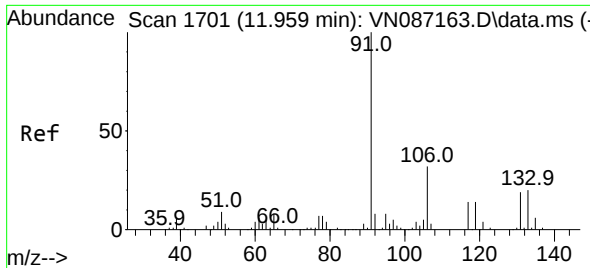


#64
Chlorobenzene
Concen: 19.551 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



Tgt Ion:112 Resp: 154416
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4





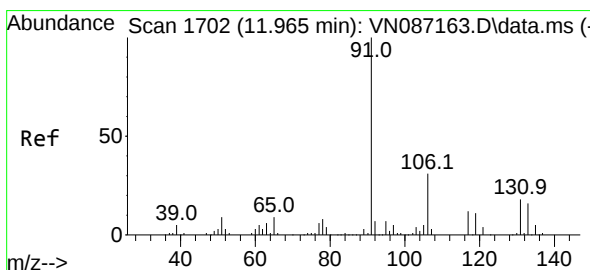
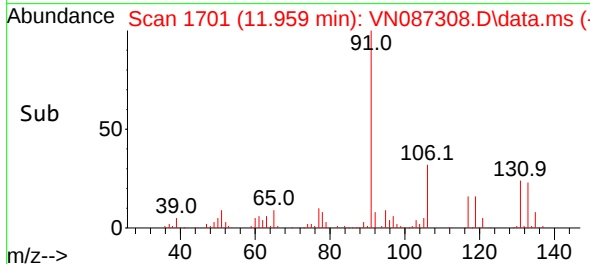
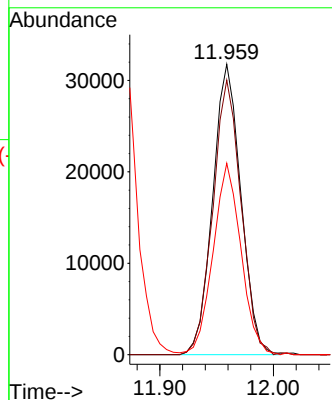
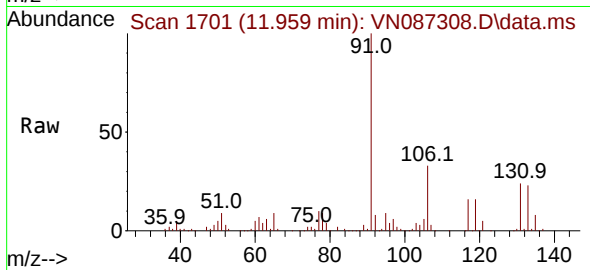
#65
1,1,1,2-Tetrachloroethane
Concen: 21.001 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01

Tgt Ion:131 Resp: 5480
Ion Ratio Lower Upper
131 100
133 94.8 0.0 187.8
119 65.3 0.0 140.0

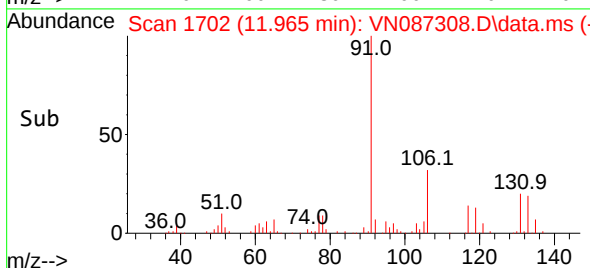
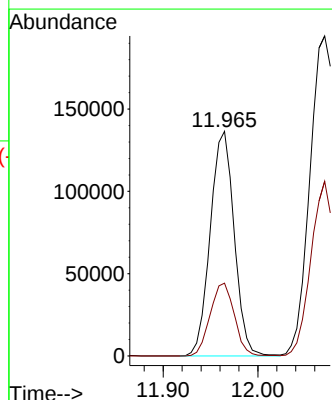
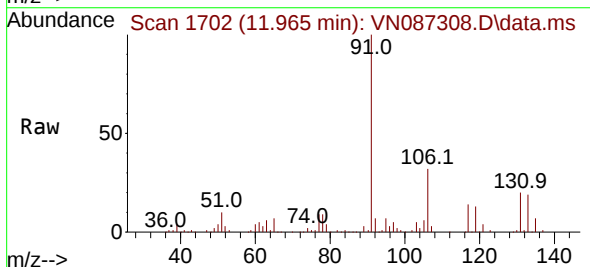
Manual Integrations
APPROVED

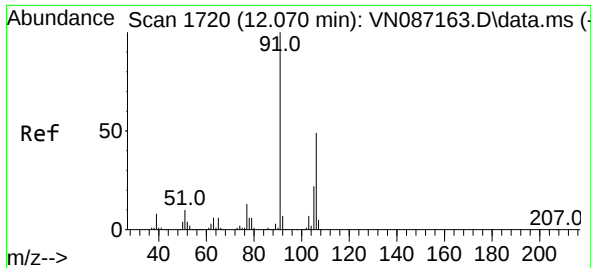
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#66
Ethyl Benzene
Concen: 17.704 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Tgt Ion: 91 Resp: 239931
Ion Ratio Lower Upper
91 100
106 32.4 24.8 37.2





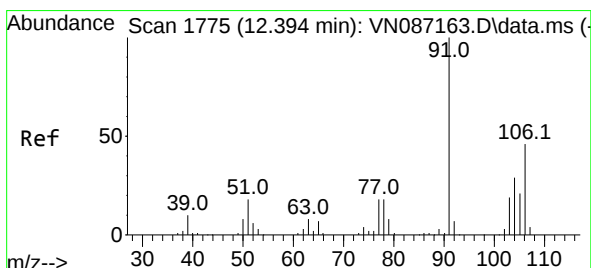
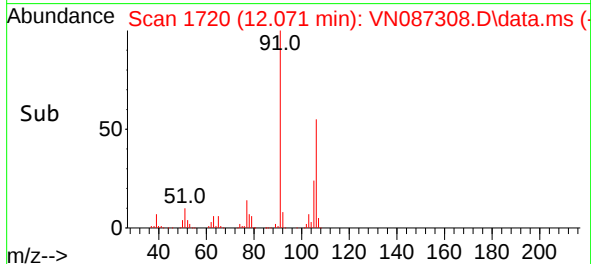
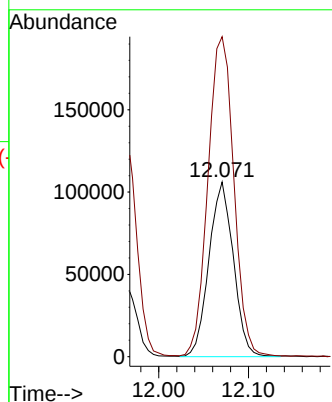
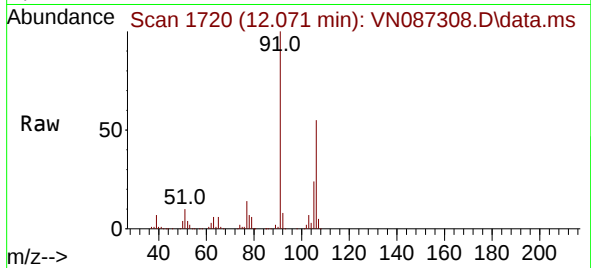
#67
m/p-Xylenes
Concen: 38.639 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01

Tgt Ion:106 Resp: 20066
Ion Ratio Lower Upper
106 100
91 193.8 163.0 244.4

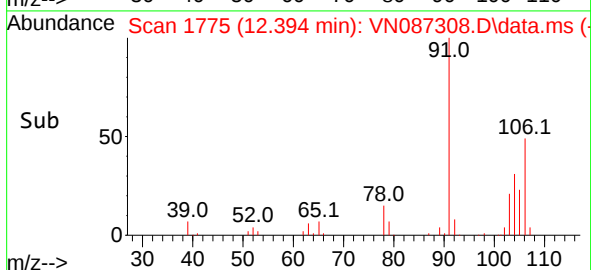
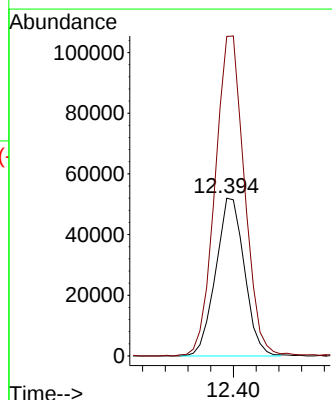
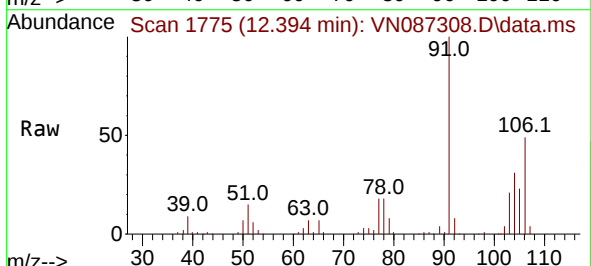
Manual Integrations
APPROVED

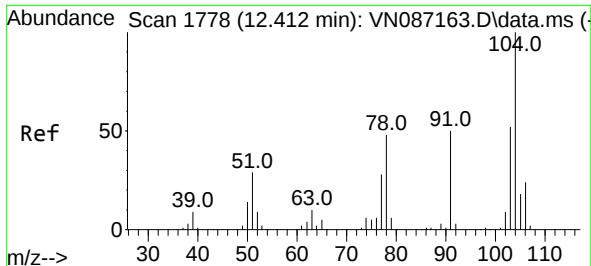
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#68
o-Xylene
Concen: 18.432 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

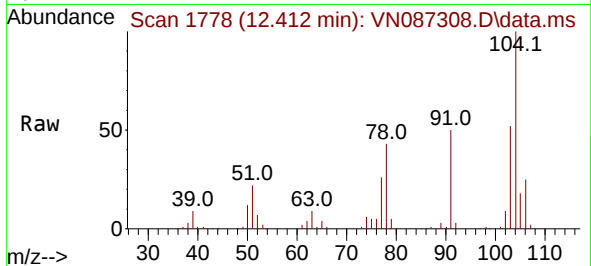
Tgt Ion:106 Resp: 91322
Ion Ratio Lower Upper
106 100
91 207.8 107.1 321.1





#69
Styrene
Concen: 18.673 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

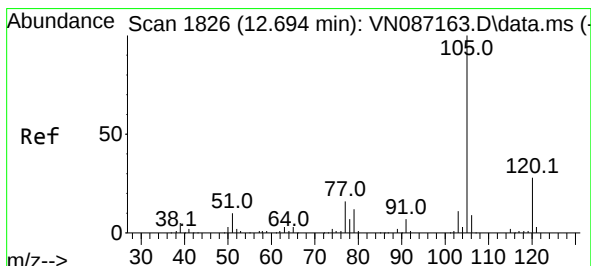
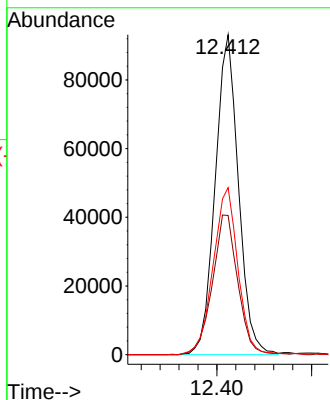
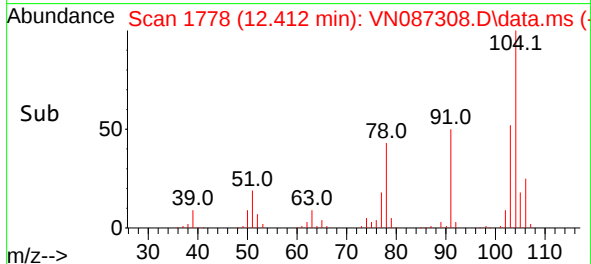
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



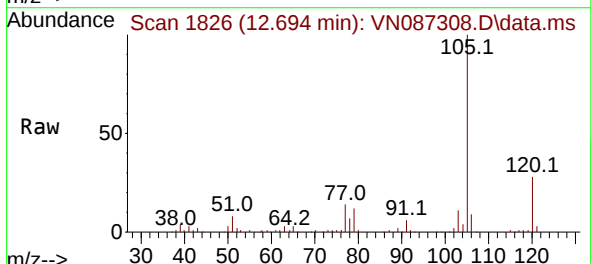
Tgt Ion:104 Resp: 158832
Ion Ratio Lower Upper
104 100
78 47.4 39.8 59.8
103 55.5 44.2 66.4

Manual Integrations
APPROVED

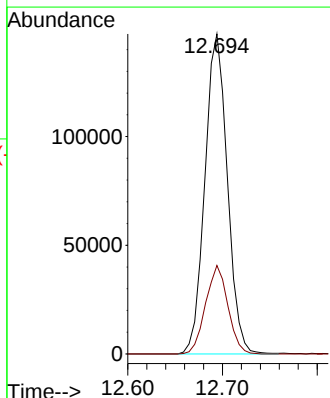
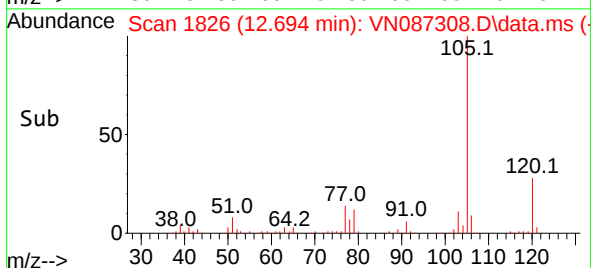
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

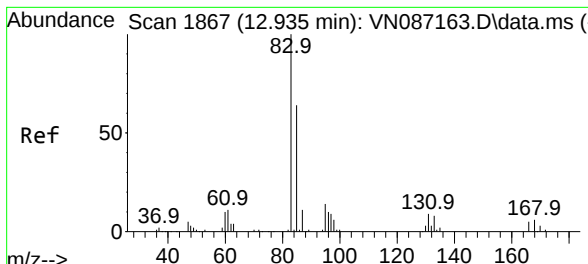


#70
Isopropylbenzene
Concen: 19.613 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



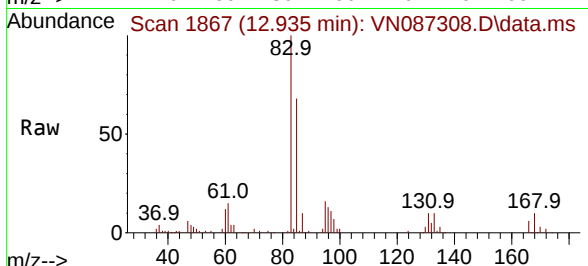
Tgt Ion:105 Resp: 242018
Ion Ratio Lower Upper
105 100
120 27.4 19.0 35.2





#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.185 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN087308.D
 Acq: 09 Jul 2025 12:21

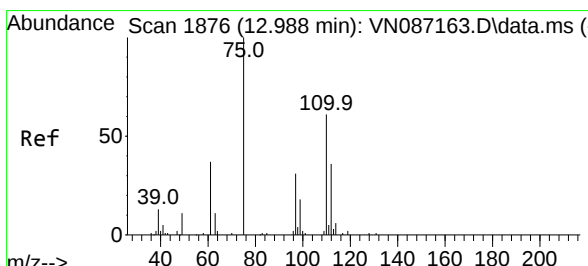
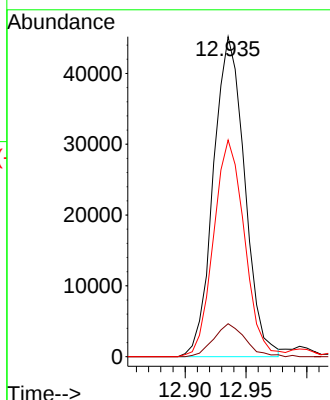
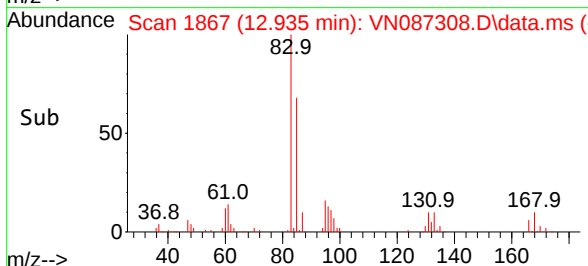
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD01



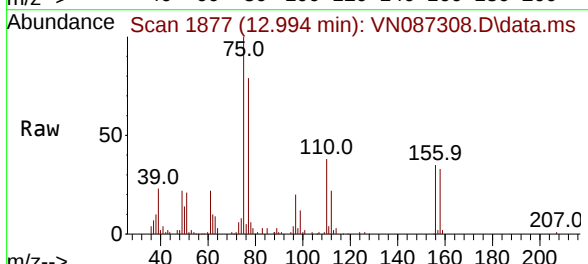
Tgt Ion: 83 Resp: 80769
 Ion Ratio Lower Upper
 83 100
 131 10.4 4.5 13.4
 85 67.1 31.3 93.9

Manual Integrations
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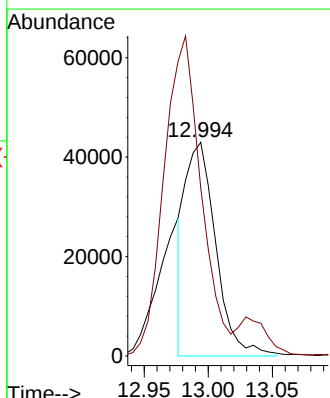
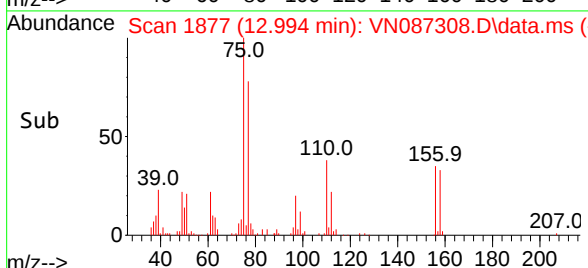
Reviewed By :John Carlone 07/10/2025
 Supervised By :Mahesh Dadoda 07/10/2025

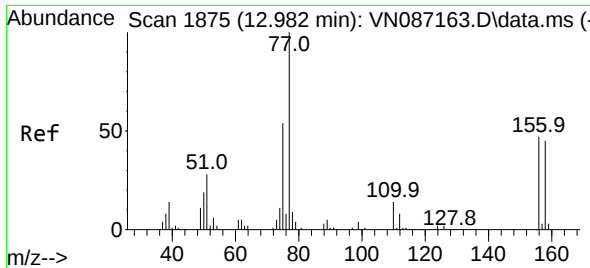


#72
 1,2,3-Trichloropropane
 Concen: 18.613 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN087308.D
 Acq: 09 Jul 2025 12:21



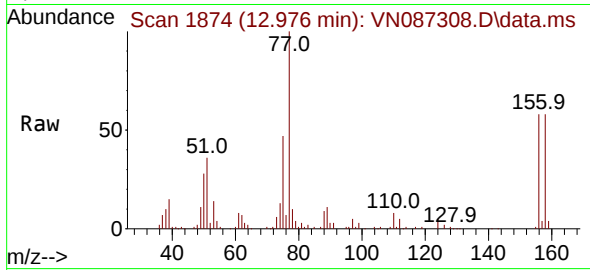
Tgt Ion: 75 Resp: 71289
 Ion Ratio Lower Upper
 75 100
 77 181.6 0.0 379.2





#73
Bromobenzene
Concen: 21.166 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

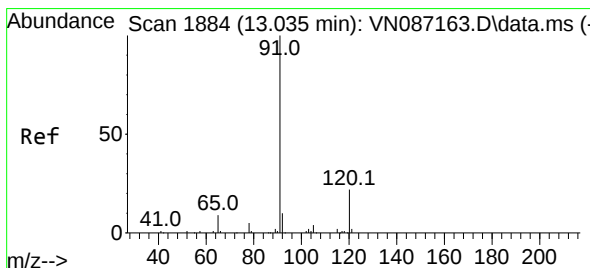
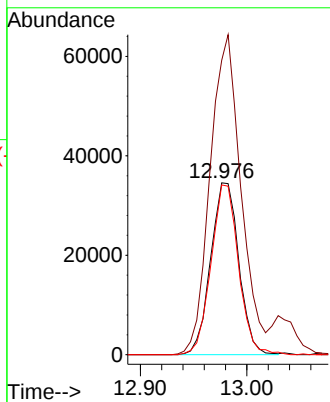
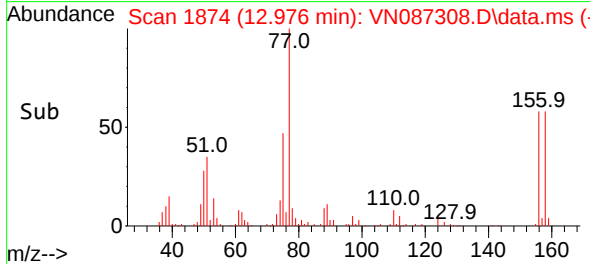
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



Tgt Ion:156 Resp: 63350
Ion Ratio Lower Upper
156 100
77 204.3 0.0 489.0
158 96.5 0.0 195.2

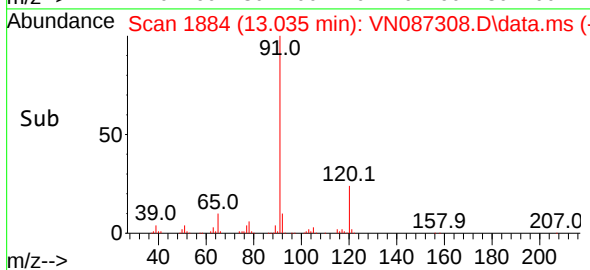
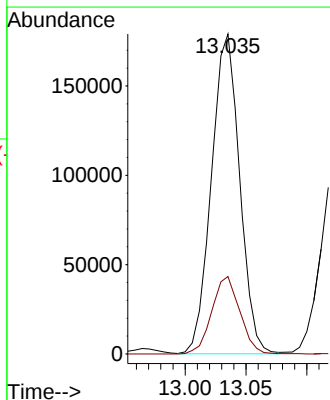
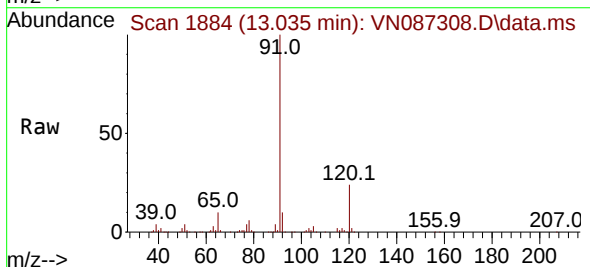
Manual Integrations
APPROVED

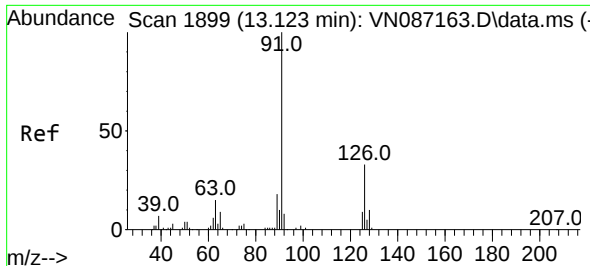
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#74
n-propylbenzene
Concen: 19.174 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Tgt Ion: 91 Resp: 289043
Ion Ratio Lower Upper
91 100
120 24.1 0.0 43.6





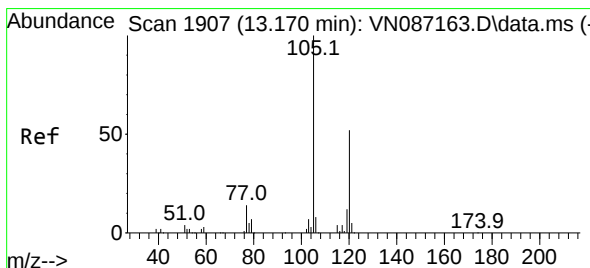
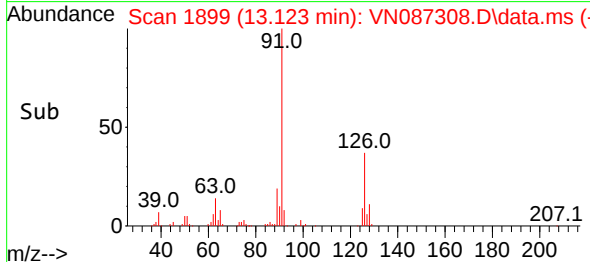
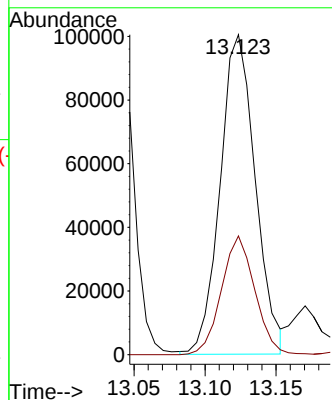
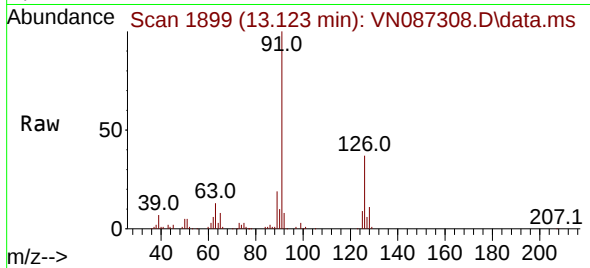
#75
2-Chlorotoluene
Concen: 18.962 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01

Tgt Ion: 91 Resp: 172699
Ion Ratio Lower Upper
91 100
126 35.3 0.0 63.8

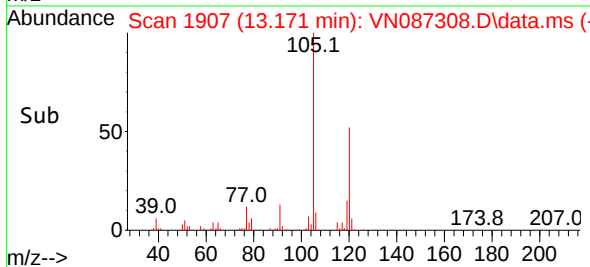
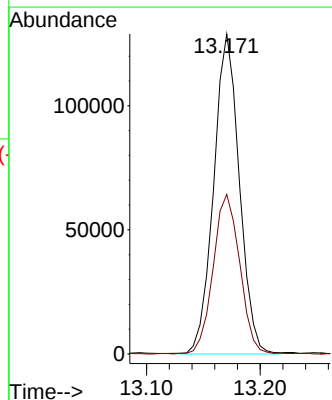
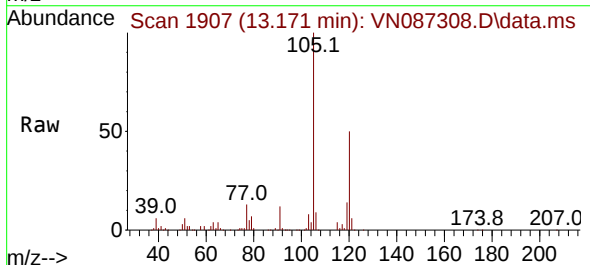
Manual Integrations
APPROVED

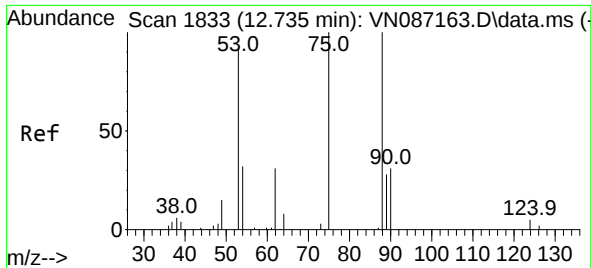
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.154 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

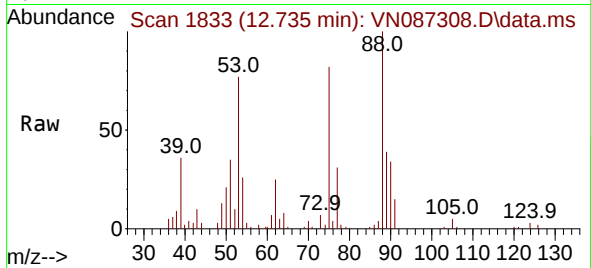
Tgt Ion:105 Resp: 202455
Ion Ratio Lower Upper
105 100
120 51.5 0.0 100.8





#77
t-1,4-Dichloro-2-butene
Concen: 16.096 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

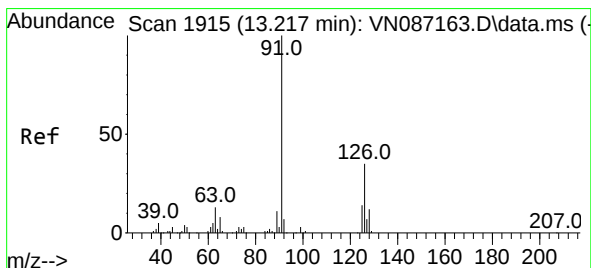
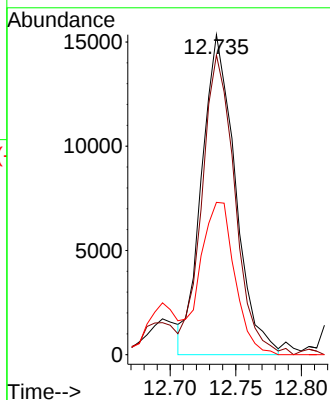
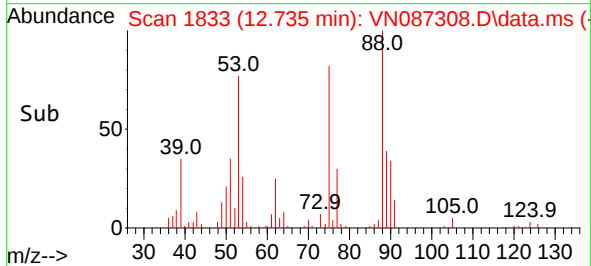
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



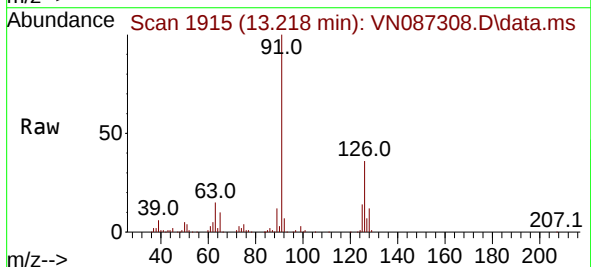
Tgt Ion: 75 Resp: 27340
Ion Ratio Lower Upper
75 100
53 94.3 45.9 137.6
89 48.5 22.3 66.9

Manual Integrations
APPROVED

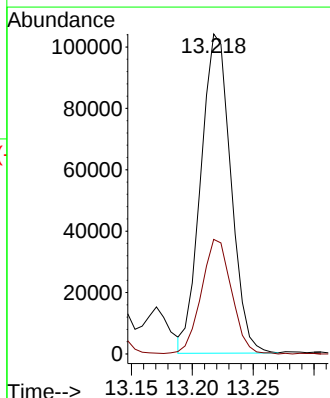
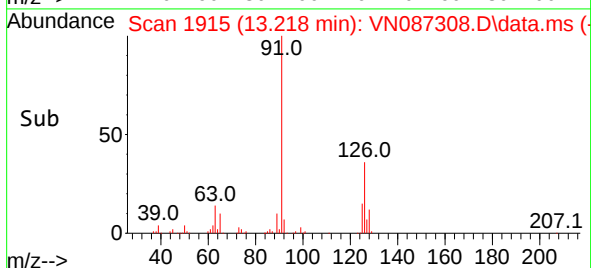
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

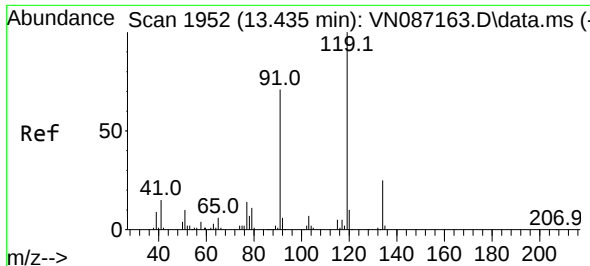


#78
4-Chlorotoluene
Concen: 19.168 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



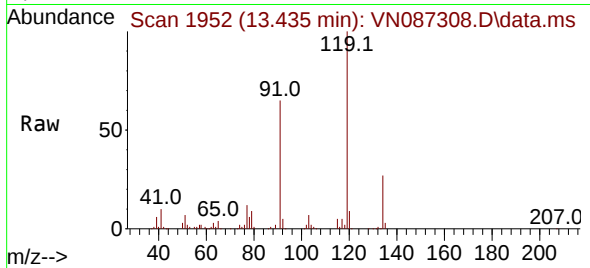
Tgt Ion: 91 Resp: 178795
Ion Ratio Lower Upper
91 100
126 36.0 0.0 65.2





#79
tert-butylbenzene
Concen: 20.890 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

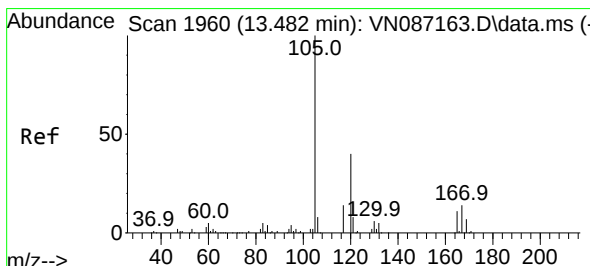
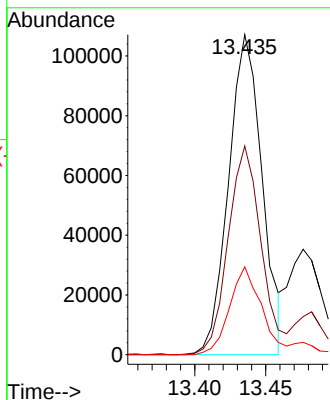
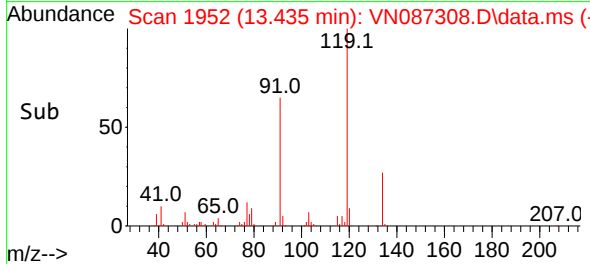
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



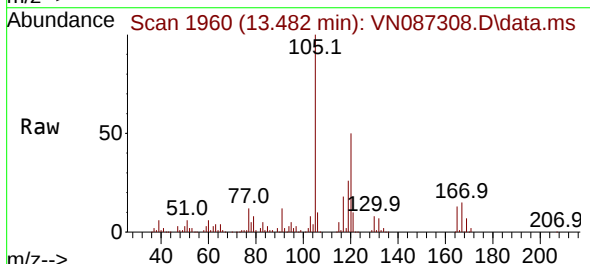
Tgt Ion:119 Resp: 176390
Ion Ratio Lower Upper
119 100
91 64.4 0.0 137.0
134 26.1 0.0 49.4

Manual Integrations
APPROVED

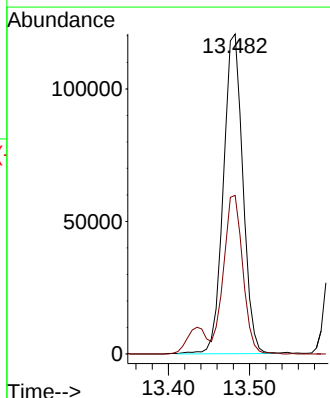
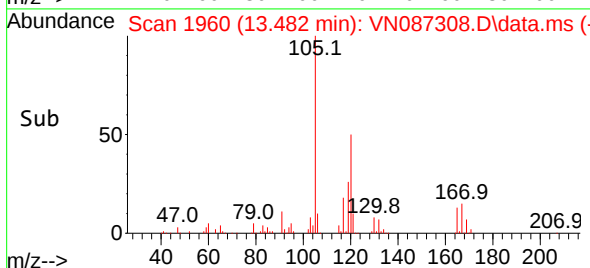
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

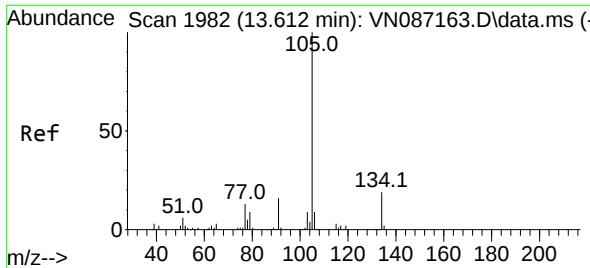


#80
1,2,4-Trimethylbenzene
Concen: 19.911 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



Tgt Ion:105 Resp: 200843
Ion Ratio Lower Upper
105 100
120 48.7 0.0 94.0





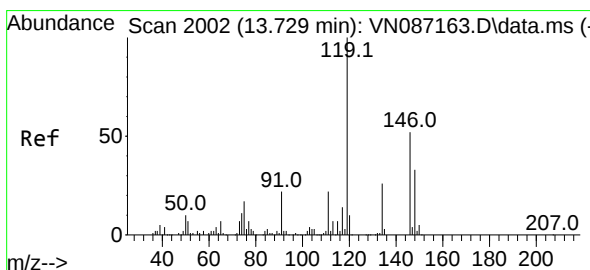
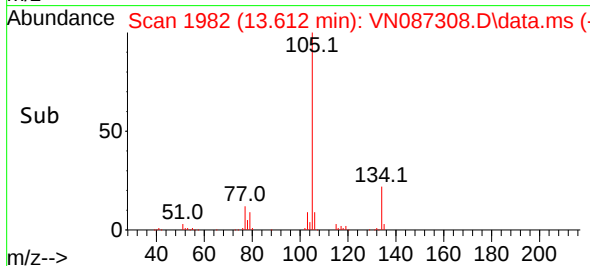
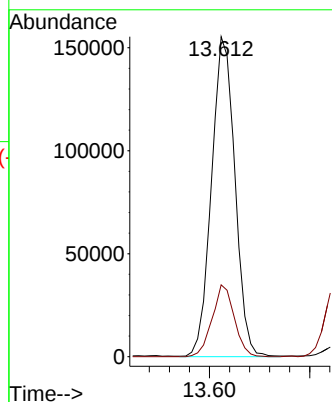
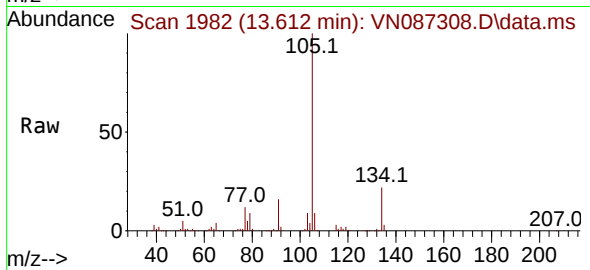
#81
 sec-Butylbenzene
 Concen: 20.509 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN087308.D
 Acq: 09 Jul 2025 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD01

Tgt Ion:105 Resp: 25174
 Ion Ratio Lower Upper
 105 100
 134 21.2 0.0 39.4

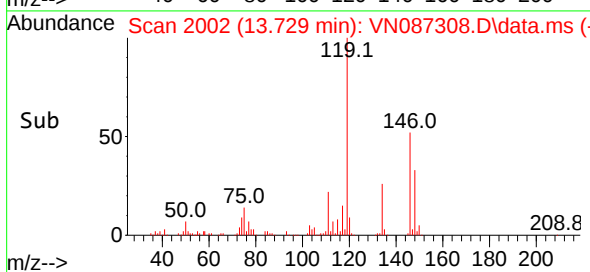
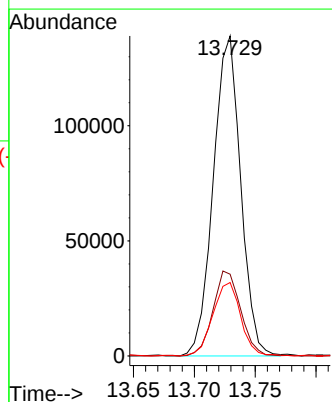
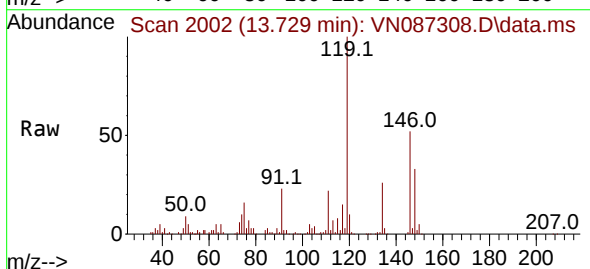
Manual Integrations
 APPROVED

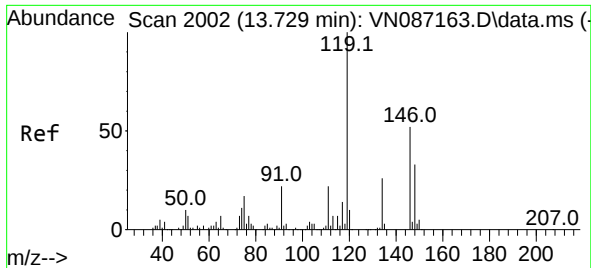
Reviewed By :John Carlone 07/10/2025
 Supervised By :Mahesh Dadoda 07/10/2025



#82
 p-Isopropyltoluene
 Concen: 21.315 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN087308.D
 Acq: 09 Jul 2025 12:21

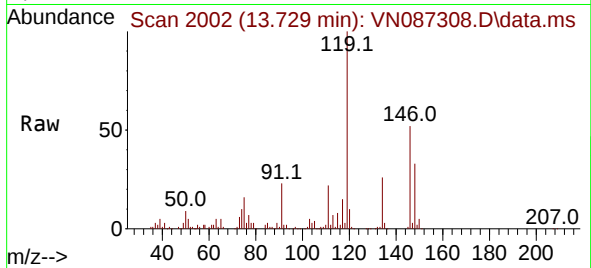
Tgt Ion:119 Resp: 217730
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 51.2
 91 23.4 0.0 46.4





#83
1,3-Dichlorobenzene
Concen: 21.769 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

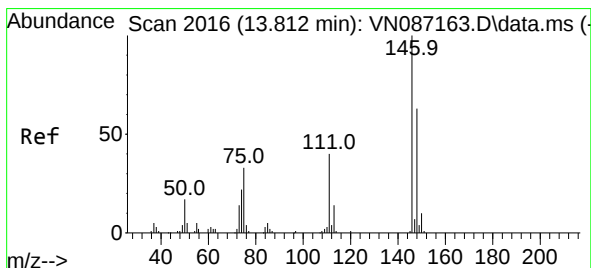
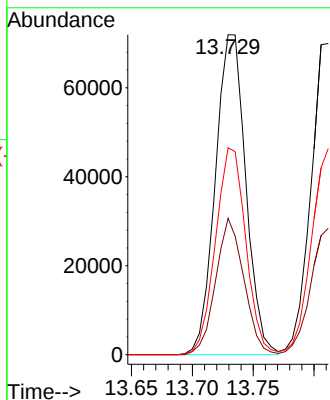
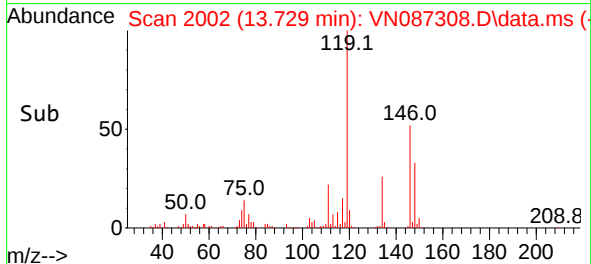
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



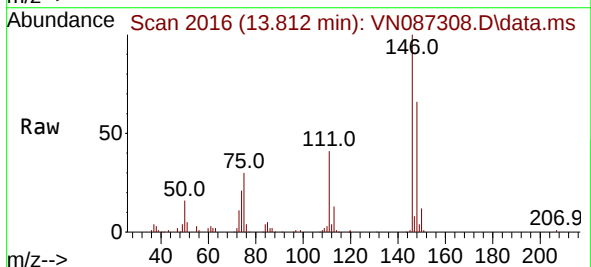
Tgt Ion:146 Resp: 125470
Ion Ratio Lower Upper
146 100
111 39.4 21.1 63.3
148 64.3 31.6 94.8

Manual Integrations
APPROVED

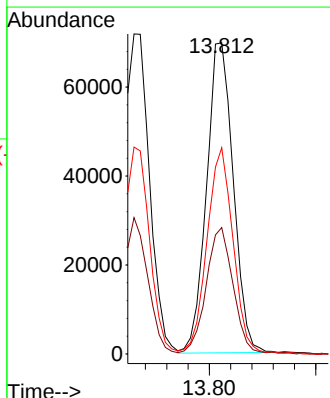
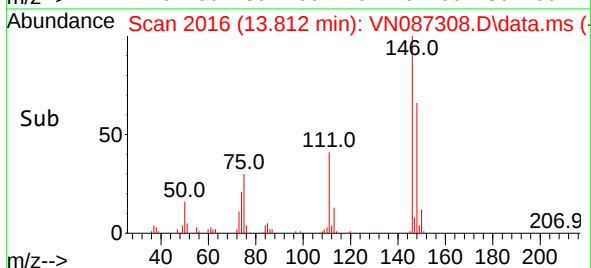
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

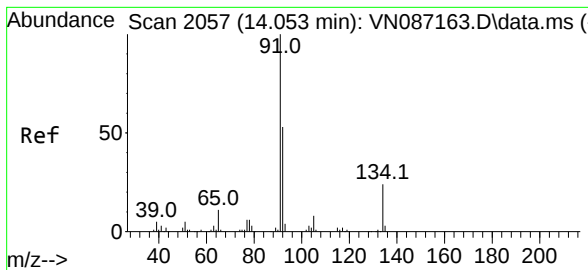


#84
1,4-Dichlorobenzene
Concen: 20.992 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



Tgt Ion:146 Resp: 121774
Ion Ratio Lower Upper
146 100
111 41.1 20.1 60.2
148 65.0 31.4 94.2





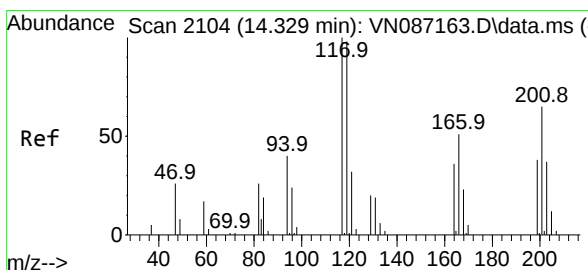
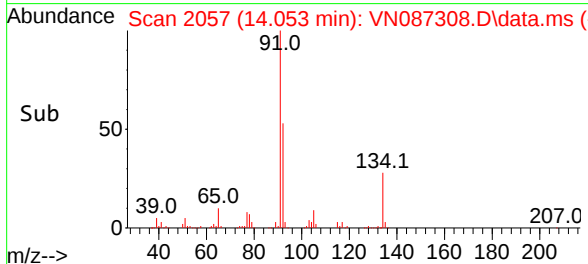
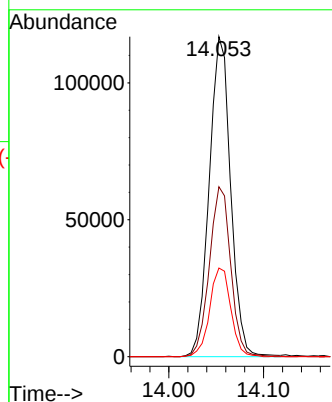
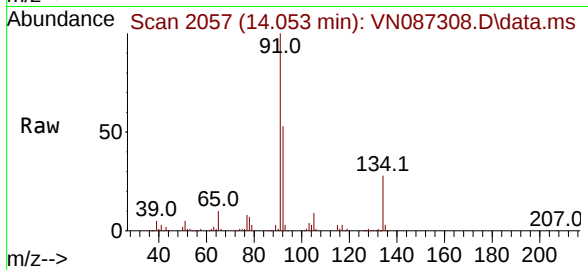
#85
n-Butylbenzene
Concen: 19.659 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01

Tgt Ion: 91 Resp: 183228
Ion Ratio Lower Upper
91 100
92 52.9 0.0 106.4
134 27.4 0.0 48.8

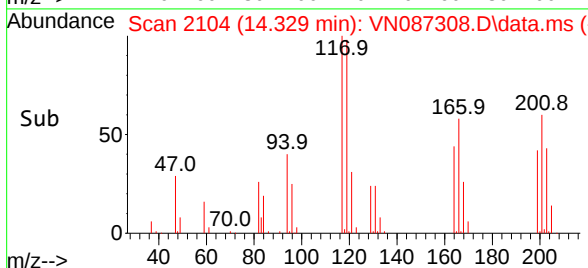
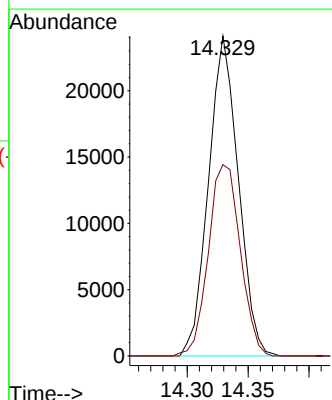
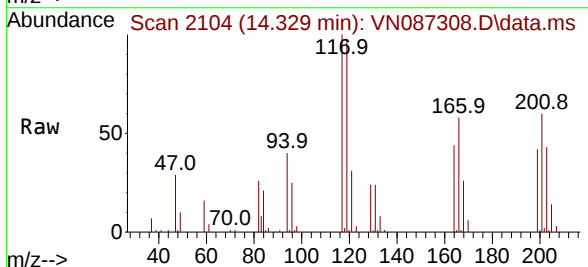
Manual Integrations
APPROVED

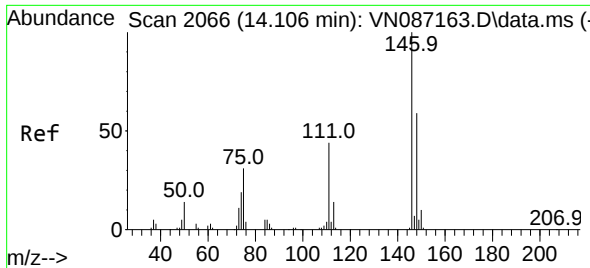
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#86
Hexachloroethane
Concen: 21.278 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

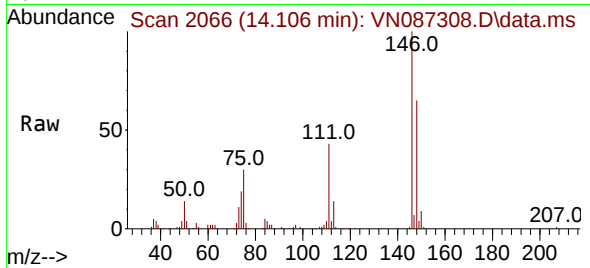
Tgt Ion:117 Resp: 41143
Ion Ratio Lower Upper
117 100
201 64.0 30.8 92.3





#87
1,2-Dichlorobenzene
Concen: 21.983 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

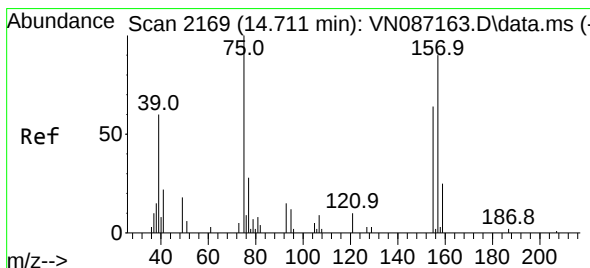
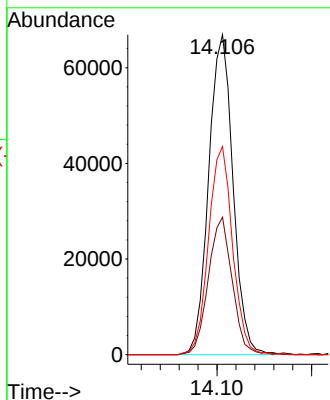
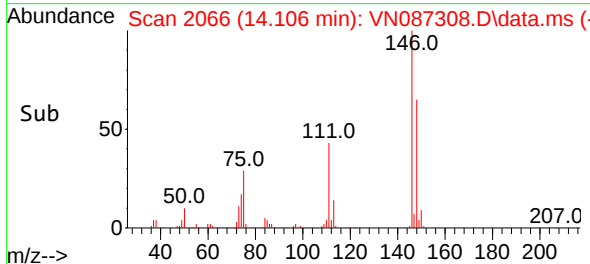
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



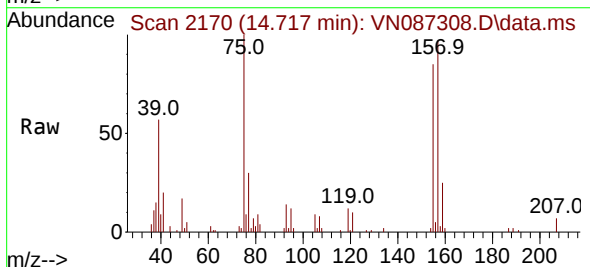
Tgt Ion:146 Resp: 119470
Ion Ratio Lower Upper
146 100
111 42.0 22.1 66.1
148 64.2 31.6 95.0

Manual Integrations
APPROVED

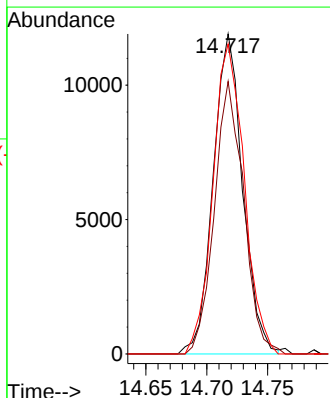
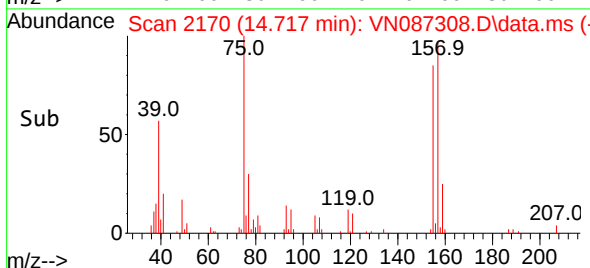
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

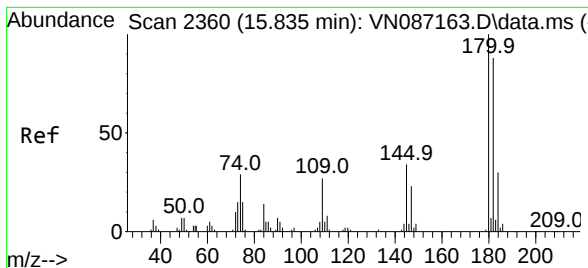


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.094 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



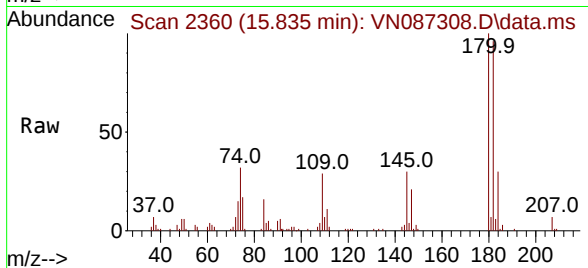
Tgt Ion: 75 Resp: 20096
Ion Ratio Lower Upper
75 100
155 84.6 58.3 87.5
157 102.6 79.2 118.8





#89
1,2,4-Trichlorobenzene
Concen: 20.565 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

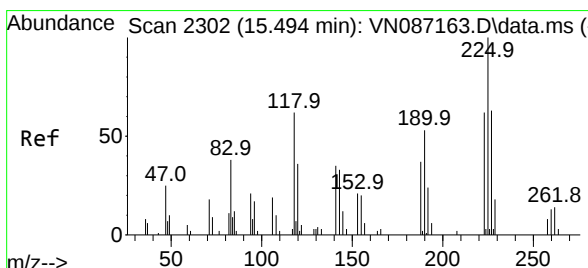
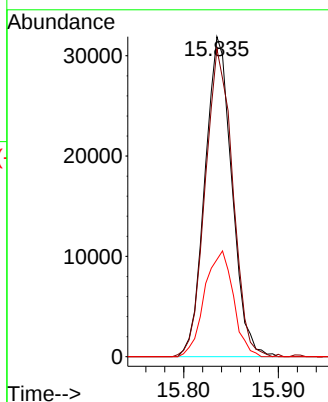
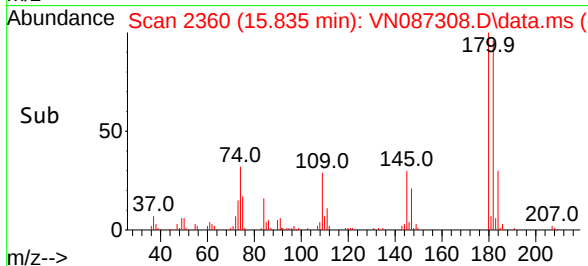
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



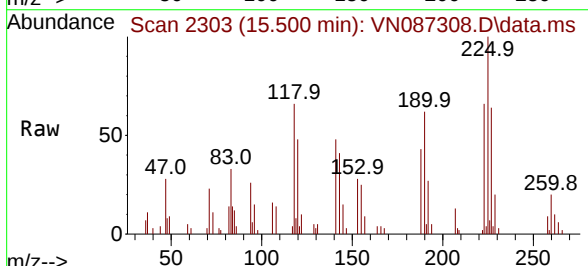
Tgt Ion:180 Resp: 6323
Ion Ratio Lower Upper
180 100
182 97.6 74.2 111.2
145 35.2 27.6 41.4

Manual Integrations
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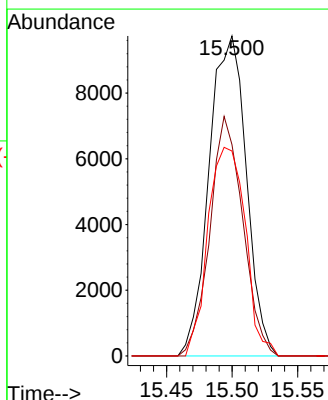
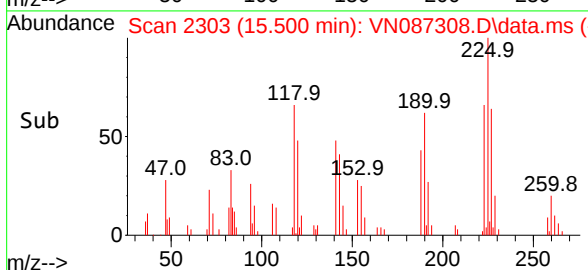
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

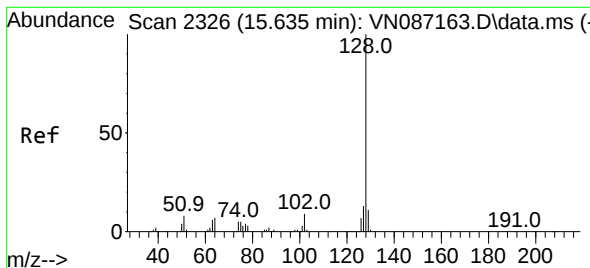


#90
Hexachlorobutadiene
Concen: 21.047 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



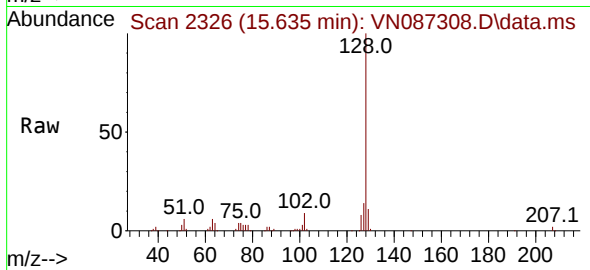
Tgt Ion:225 Resp: 19204
Ion Ratio Lower Upper
225 100
223 66.1 0.0 134.2
227 65.7 0.0 122.6





#91
Naphthalene
Concen: 18.657 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21

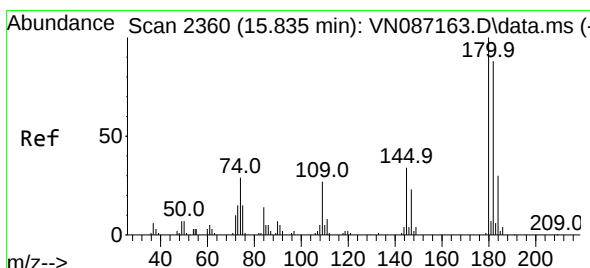
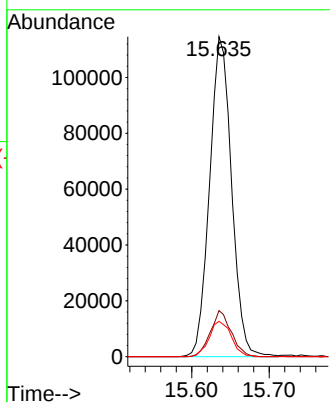
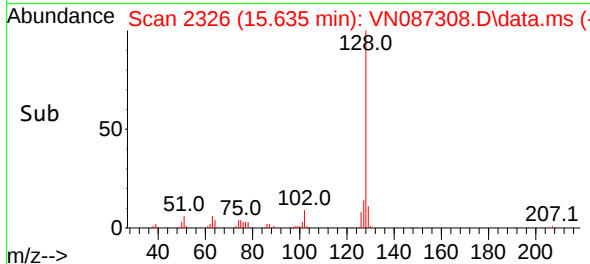
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD01



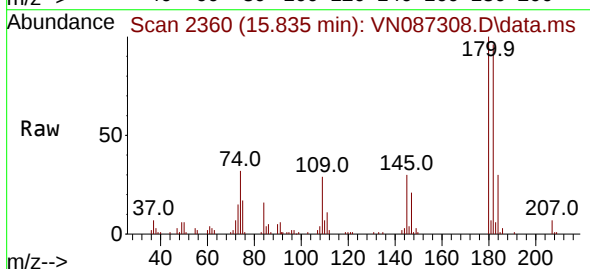
Tgt Ion:128 Resp: 225774
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#92
1,2,3-Trichlorobenzene
Concen: 20.565 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN087308.D
Acq: 09 Jul 2025 12:21



Tgt Ion:180 Resp: 63235
Ion Ratio Lower Upper
180 100
182 97.6 0.0 185.4
145 35.2 0.0 69.0

