

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
 Data File : VN087470.D
 Acq On : 06 Aug 2025 10:35
 Operator : JC\MD
 Sample : VN0806WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/07/2025
 Supervised By : Mahesh Dadoda 08/07/2025

Quant Time: Aug 07 03:32:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	63036	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	350968	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	308794	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	174573	30.026	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.100%			
60) 4-Bromofluorobenzene	12.829	95	156944	29.533	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.433%			
63) Toluene-d8	10.547	98	447269	31.479	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.933%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	84455	20.521	ug/l	99
3) Chloromethane	2.383	50	77354	18.319	ug/l	95
4) Vinyl Chloride	2.542	62	85936	19.188	ug/l	98
5) Bromomethane	2.983	94	46645	19.242	ug/l	98
6) Chloroethane	3.136	64	53696	18.593	ug/l	96
7) Trichlorofluoromethane	3.512	101	124744	19.354	ug/l	99
8) Diethyl Ether	3.965	74	48551	18.081	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	63854	19.428	ug/l	86
10) 1,1-Dichloroethene	4.342	96	63624	18.429	ug/l	92
11) Methyl Iodide	4.577	142	43232	15.903	ug/l	93
12) Methyl Acetate	5.012	43	109890	17.248	ug/l	98
13) Acrolein	4.183	56	102276	105.106	ug/l	97
14) Acrylonitrile	5.712	53	240574	86.475	ug/l	99
15) Acetone	4.418	58	70244	88.370	ug/l	94
16) Carbon Disulfide	4.706	76	194781	18.188	ug/l	95
17) Allyl chloride	5.012	41	120766	17.162	ug/l	95
18) Methylene Chloride	5.271	84	79613	17.913	ug/l	94
19) trans-1,2-Dichloroethene	5.777	96	70752	17.233	ug/l	86
20) Diisopropyl ether	6.659	45	284966	17.776	ug/l	95
21) 1,1-Dichloroethane	6.553	63	145917	17.609	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	88506	17.521	ug/l	98
23) tert-Butyl Alcohol	5.518	59	91362	77.285	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	277272	17.625	ug/l	100
25) Chloroform	7.953	83	153817	17.783	ug/l	98
26) Cyclohexane	8.241	56	126774	19.108	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	104062	18.179	ug/l	98
30) 2-Butanone	7.471	43	360765	85.500	ug/l	100
31) 2,2-Dichloropropane	7.471	77	137611	18.639	ug/l #	86
32) 1,1,1-Trichloroethane	8.153	97	135196	18.518	ug/l	96
33) Carbon Tetrachloride	8.341	117	110471	18.214	ug/l	98
34) Benzene	8.588	78	321390	17.786	ug/l	97
35) Methacrylonitrile	7.765	41	80702	17.724	ug/l	96
36) 1,2-Dichloroethane	8.653	62	130491	17.867	ug/l	99
37) Trichloroethene	9.330	130	72657	18.254	ug/l	91
38) Methylcyclohexane	9.582	83	132305	19.923	ug/l	99
39) 1,2-Dichloropropane	9.606	63	82530	17.814	ug/l	96
40) Dibromomethane	9.688	93	60193	17.316	ug/l	97
41) Bromodichloromethane	9.871	83	126328	17.489	ug/l	94
42) Vinyl Acetate	6.594	43	1354933	97.509	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	143471	17.600	ug/l	99
44) Isopropyl Acetate	8.671	43	244043	17.662	ug/l	99
45) 1,4-Dioxane	9.677	88	26373	299.395	ug/l	95
46) Methyl methacrylate	9.665	41	114931	17.621	ug/l	96
47) n-amyl Acetate	12.535	43	146595m	19.205	ug/l	
48) t-1,3-Dichloropropene	10.818	75	134924	17.170	ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	136835	17.302	ug/l	98
50) 1,1,2-Trichloroethane	10.994	97	76697	17.463	ug/l	97
51) Ethyl methacrylate	10.859	69	137000	17.712	ug/l	93
52) 1,3-Dichloropropane	11.141	76	139144	17.585	ug/l	99
53) Dibromochloromethane	11.335	129	85541	16.865	ug/l	100
54) 1,2-Dibromoethane	11.447	107	79978	17.154	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	362193	88.950	ug/l	99
56) Bromoform	12.559	173	53597	15.976	ug/l #	99
58) 4-Methyl-2-Pentanone	10.424	43	725810	91.370	ug/l	99
59) 2-Hexanone	11.177	43	476887	88.356	ug/l	99
61) Tetrachloroethene	11.082	164	57212	19.017	ug/l	92
62) Toluene	10.612	91	343935	18.046	ug/l	99
64) Chlorobenzene	11.871	112	209028	17.849	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	72374	17.577	ug/l	99
66) Ethyl Benzene	11.941	91	385481	18.147	ug/l	99
67) m/p-Xylenes	12.047	106	284904	36.538	ug/l	99
68) o-Xylene	12.376	106	136380	17.779	ug/l	100
69) Styrene	12.388	104	230109	17.568	ug/l	98
70) Isopropylbenzene	12.676	105	360620	18.504	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	121791	18.239	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	101562m	16.326	ug/l	
73) Bromobenzene	12.959	156	80824	17.890	ug/l	98
74) n-propylbenzene	13.012	91	451926	18.568	ug/l	100
75) 2-Chlorotoluene	13.106	91	270517	18.068	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	308229	18.472	ug/l	100
77) t-1,4-Dichloro-2-butene	12.718	75	37731	16.023	ug/l	95
78) 4-Chlorotoluene	13.200	91	277561	18.294	ug/l	100
79) tert-butylbenzene	13.418	119	258242	18.355	ug/l	95
80) 1,2,4-Trimethylbenzene	13.459	105	314617	18.869	ug/l	98
81) sec-Butylbenzene	13.594	105	395443	19.307	ug/l	100
82) p-Isopropyltoluene	13.706	119	325270	19.127	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	156476	18.188	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	159901	18.333	ug/l	99
85) n-Butylbenzene	14.035	91	323344	19.434	ug/l	99
86) Hexachloroethane	14.312	117	58870	17.727	ug/l	97
87) 1,2-Dichlorobenzene	14.088	146	147233	17.929	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	29412	17.387	ug/l	96
89) 1,2,4-Trichlorobenzene	15.817	180	87575	17.844	ug/l	98
90) Hexachlorobutadiene	15.476	225	35511	18.608	ug/l	93
91) Naphthalene	15.611	128	333624	17.828	ug/l	99
92) 1,2,3-Trichlorobenzene	15.817	180	87575	17.844	ug/l	98

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



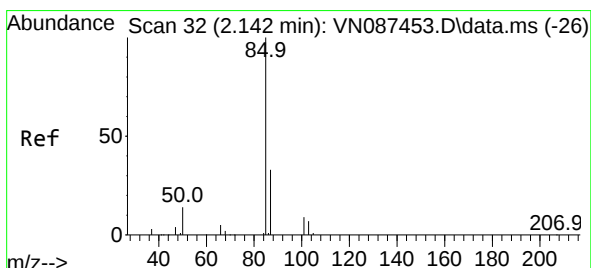
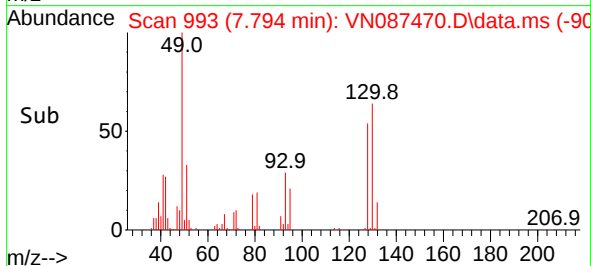
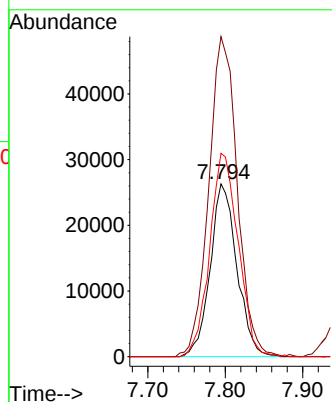
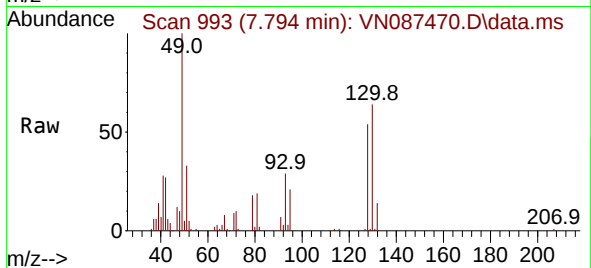
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02

Tgt Ion:128 Resp: 63036
Ion Ratio Lower Upper
128 100
49 197.8 0.0 494.8
130 125.9 0.0 321.5

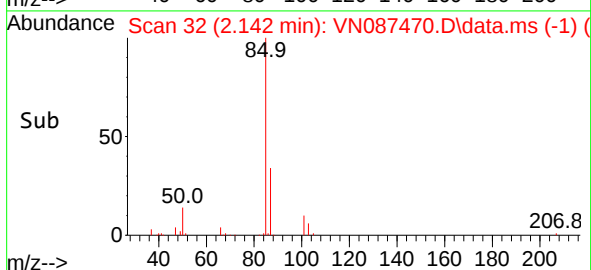
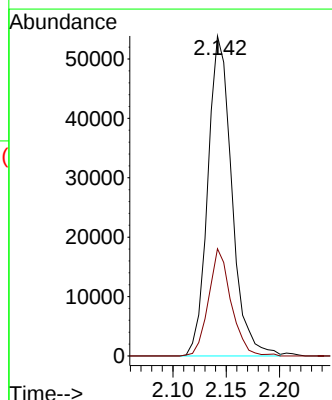
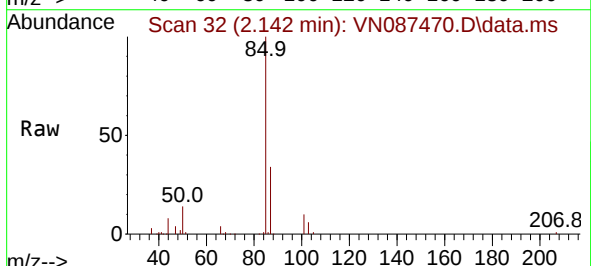
Manual Integrations
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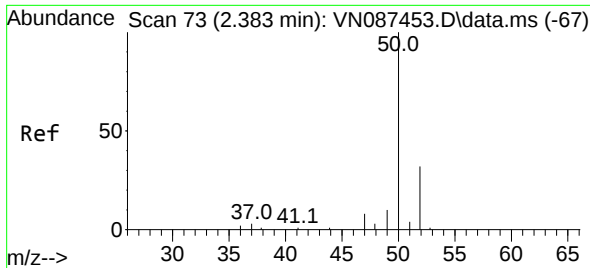
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#2
Dichlorodifluoromethane
Concen: 20.521 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

Tgt Ion: 85 Resp: 84455
Ion Ratio Lower Upper
85 100
87 33.5 16.4 49.2





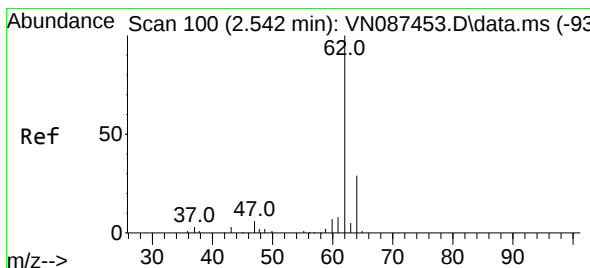
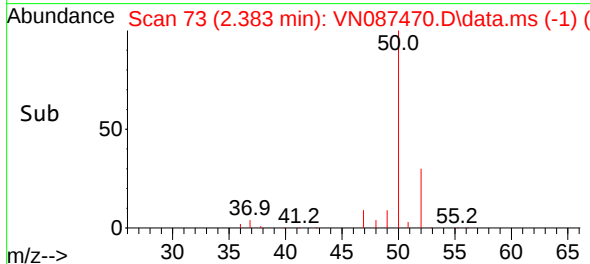
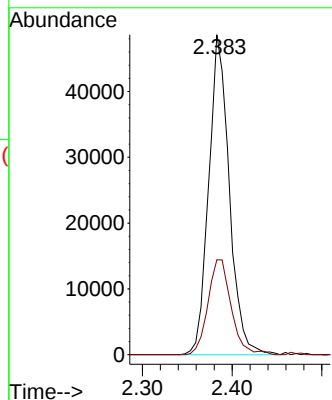
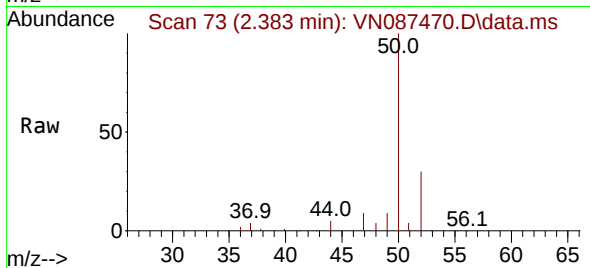
#3
Chloromethane
Concen: 18.319 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02

Tgt Ion: 50 Resp: 77354
Ion Ratio Lower Upper
50 100
52 29.7 25.8 38.6

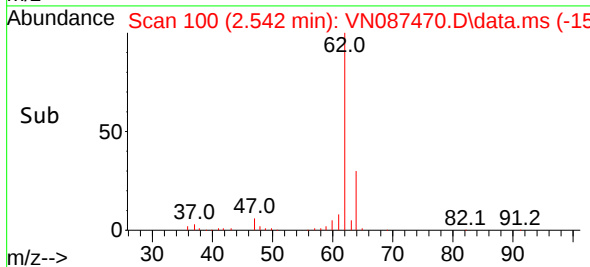
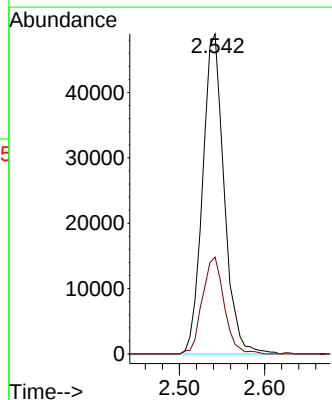
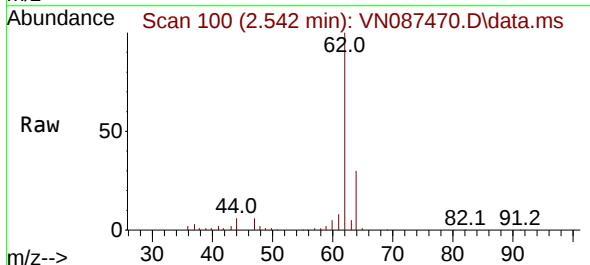
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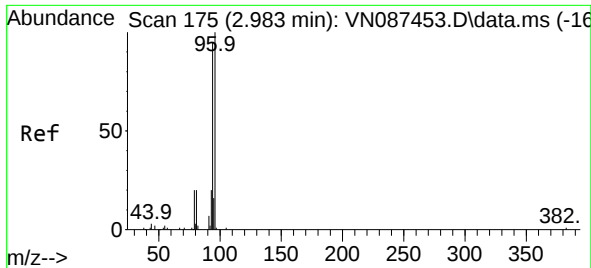
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#4
Vinyl Chloride
Concen: 19.188 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

Tgt Ion: 62 Resp: 85936
Ion Ratio Lower Upper
62 100
64 30.3 23.4 35.2





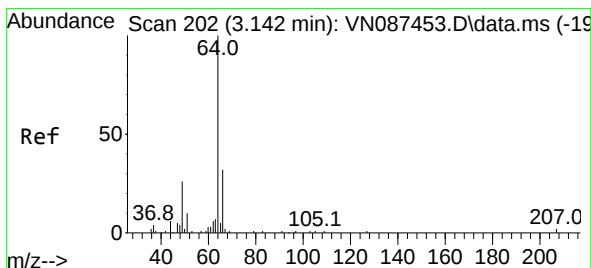
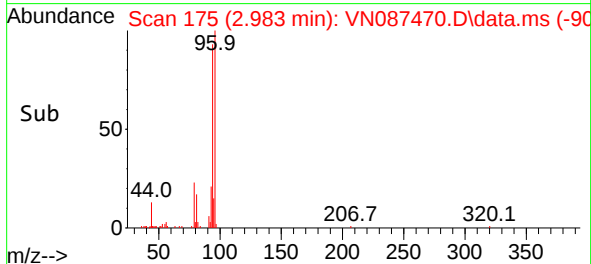
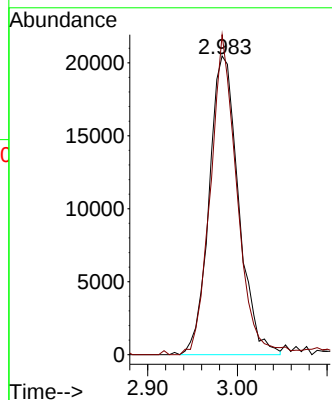
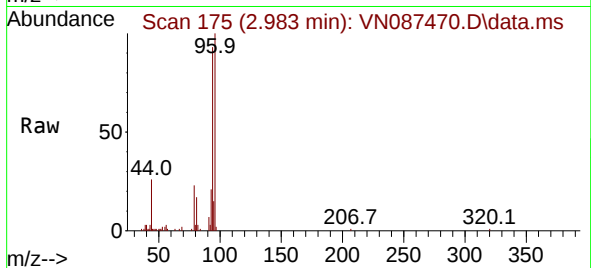
#5
Bromomethane
Concen: 19.242 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02

Tgt Ion: 94 Resp: 4664
Ion Ratio Lower Upper
94 100
96 107.1 84.2 126.4

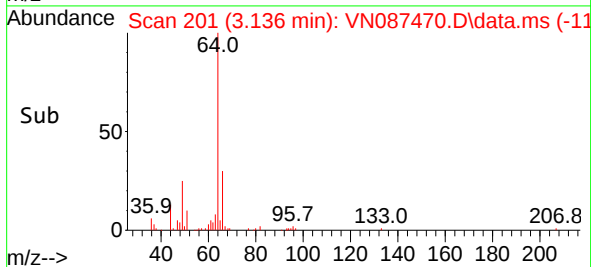
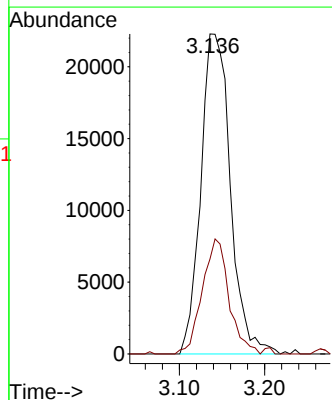
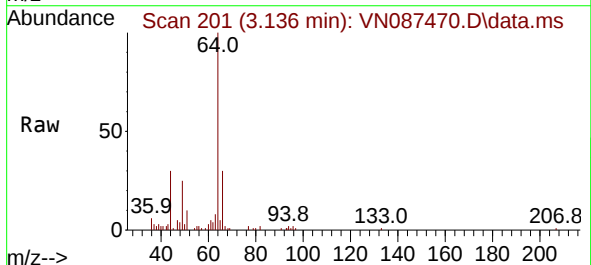
Manual Integrations
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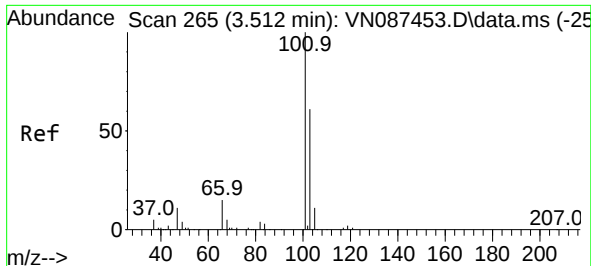
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#6
Chloroethane
Concen: 18.593 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

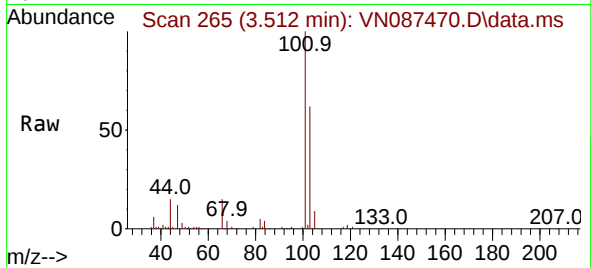
Tgt Ion: 64 Resp: 53696
Ion Ratio Lower Upper
64 100
66 29.6 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 19.354 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN087470.D
 Acq: 06 Aug 2025 10:35

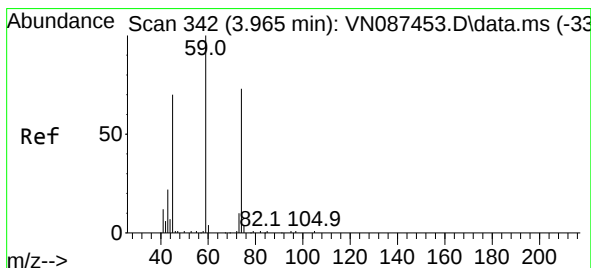
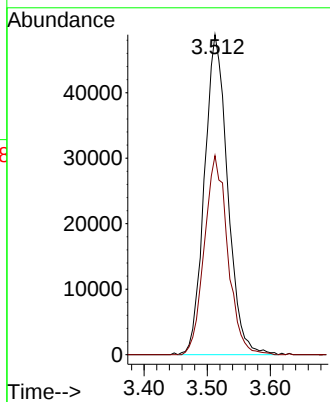
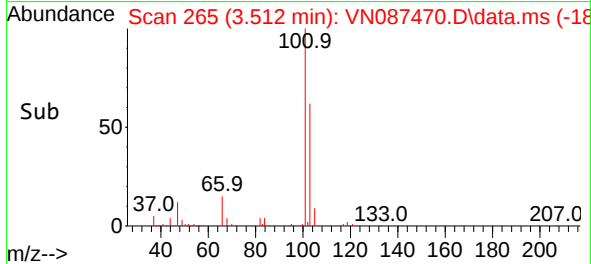
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Tgt Ion:101 Resp: 124744
 Ion Ratio Lower Upper
 101 100
 103 62.2 49.2 73.8

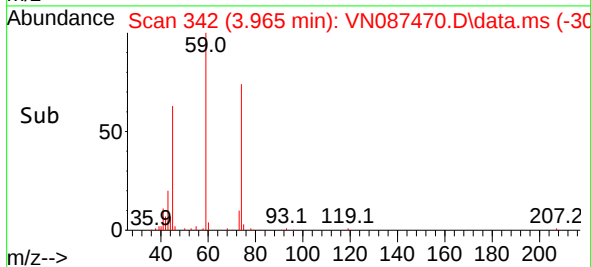
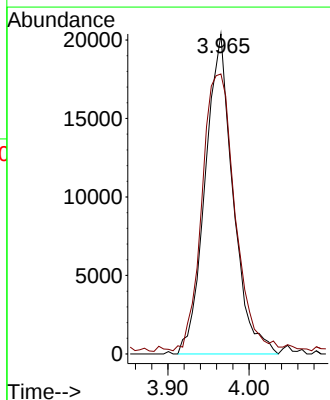
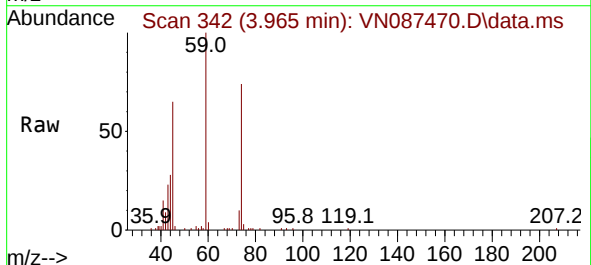
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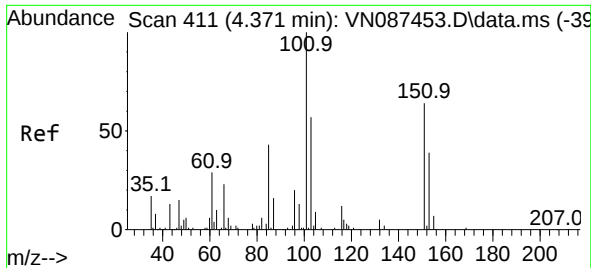
Reviewed By :John Carlone 08/07/2025
 Supervised By :Mahesh Dadoda 08/07/2025



#8
 Diethyl Ether
 Concen: 18.081 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087470.D
 Acq: 06 Aug 2025 10:35

Tgt Ion: 74 Resp: 48551
 Ion Ratio Lower Upper
 74 100
 45 101.4 20.1 180.9





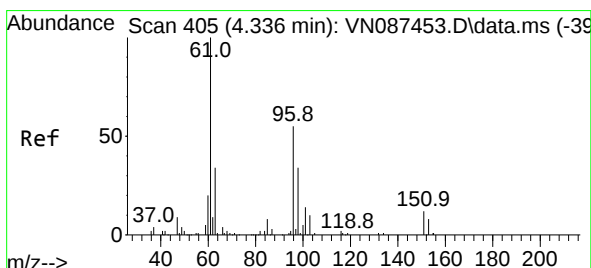
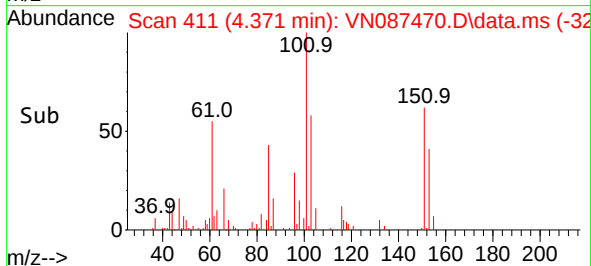
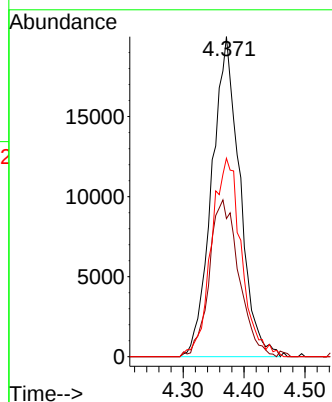
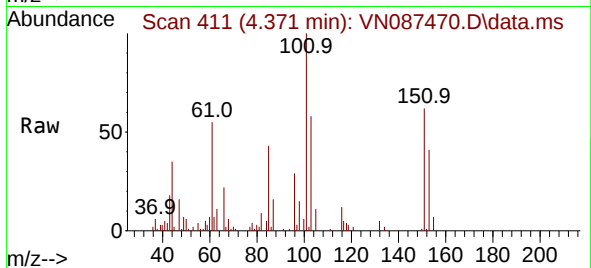
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 1,1,2-Trichlorotrifluoroethane
 Concen: 19.428 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN087470.D
 Acq: 06 Aug 2025 10:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS02

Tgt Ion: 101 Resp: 63854
 Ion Ratio Lower Upper
 101 100
 85 51.7 0.0 57.0
 151 66.4 0.0 134.2

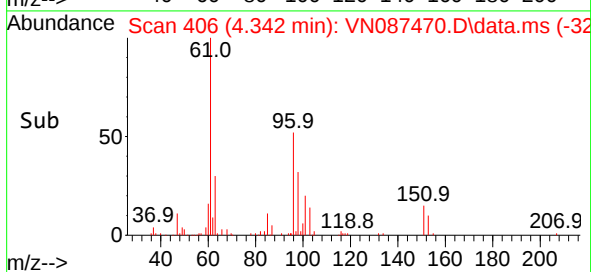
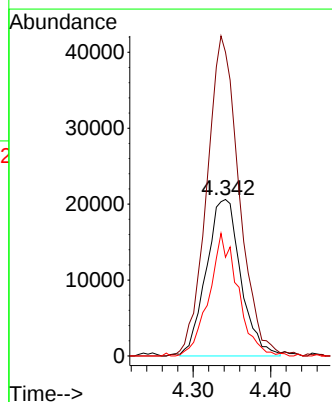
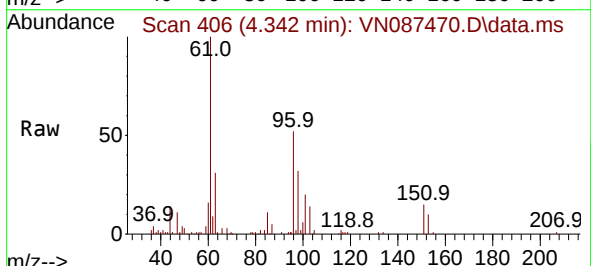
Manual Integrations
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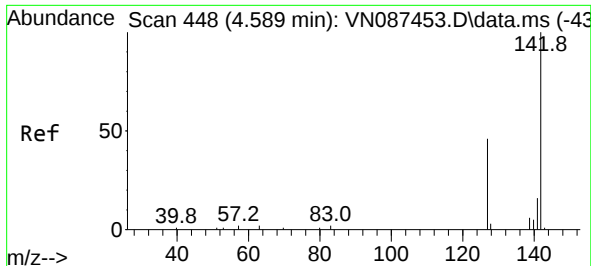
Reviewed By : John Carbone 08/07/2025
 Supervised By : Mahesh Dadoda 08/07/2025



#10
 1,1-Dichloroethene
 Concen: 18.429 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN087470.D
 Acq: 06 Aug 2025 10:35

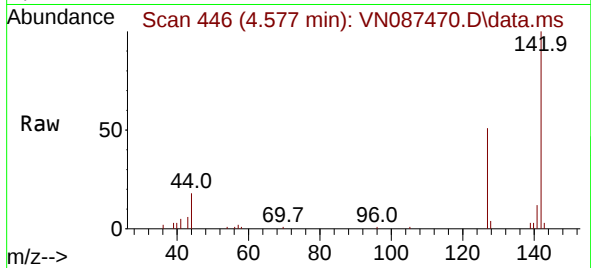
Tgt Ion: 96 Resp: 63624
 Ion Ratio Lower Upper
 96 100
 61 194.2 144.2 216.4
 98 63.0 49.7 74.5





#11
Methyl Iodide
Concen: 15.903 ug/l
RT: 4.577 min Scan# 448
Delta R.T. -0.012 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

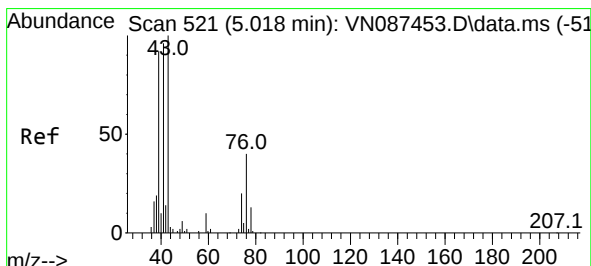
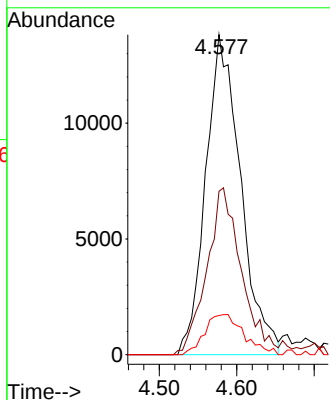
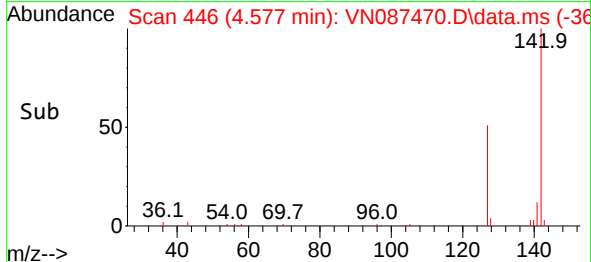
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion:142 Resp: 43232
Ion Ratio Lower Upper
142 100
127 50.4 22.9 68.7
141 12.5 7.7 23.1

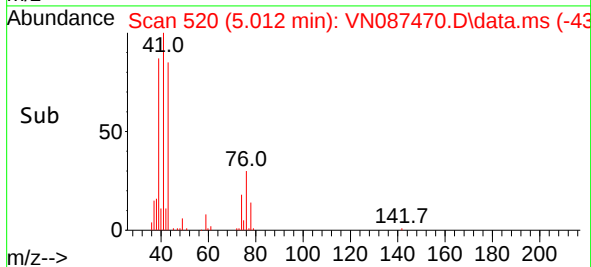
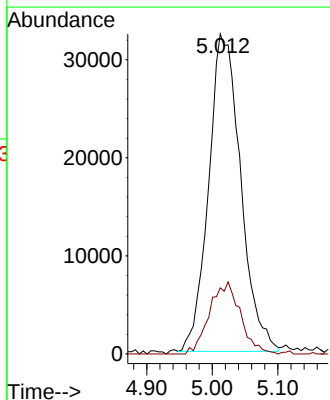
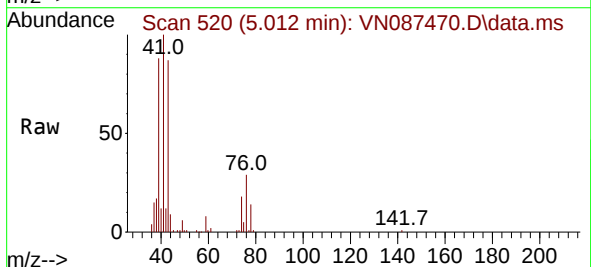
Manual Integrations
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Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#12
Methyl Acetate
Concen: 17.248 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

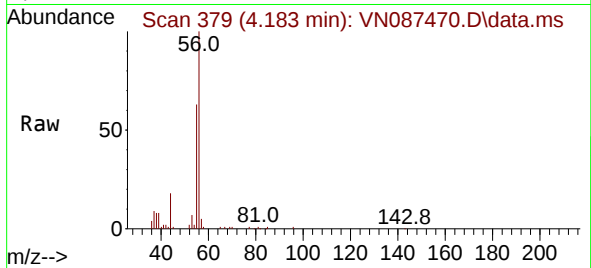
Tgt Ion: 43 Resp: 109890
Ion Ratio Lower Upper
43 100
74 20.9 16.0 24.0





#13
Acrolein
Concen: 105.106 ug/l
RT: 4.183 min Scan# 377
Delta R.T. 0.012 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

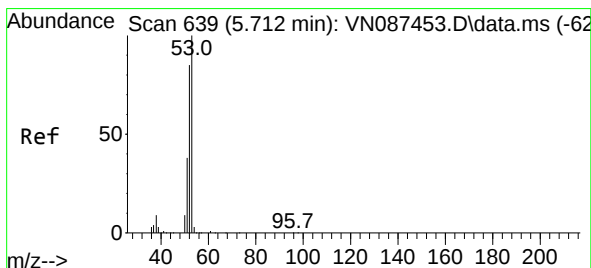
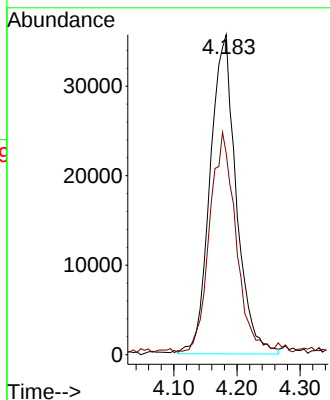
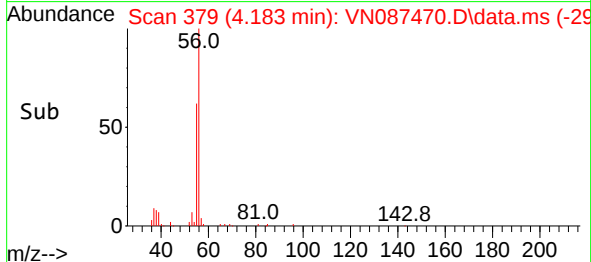
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion: 56 Resp: 102270
Ion Ratio Lower Upper
56 100
55 69.1 57.4 86.0

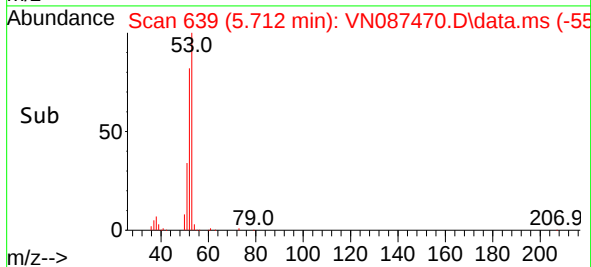
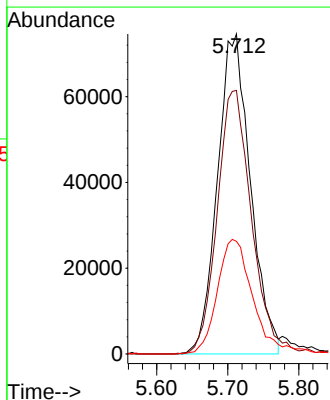
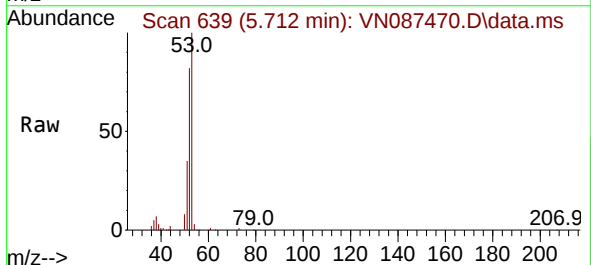
Manual Integrations
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Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#14
Acrylonitrile
Concen: 86.475 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

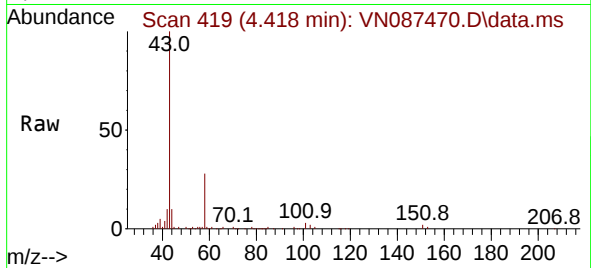
Tgt Ion: 53 Resp: 240574
Ion Ratio Lower Upper
53 100
52 85.5 42.4 127.2
51 37.4 18.5 55.5





#15
Acetone
Concen: 88.370 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

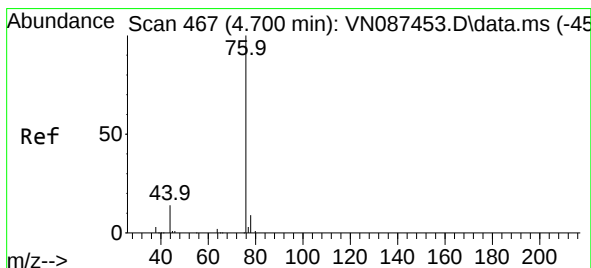
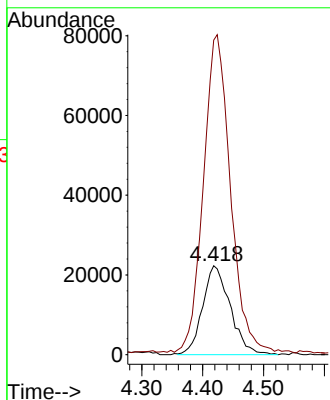
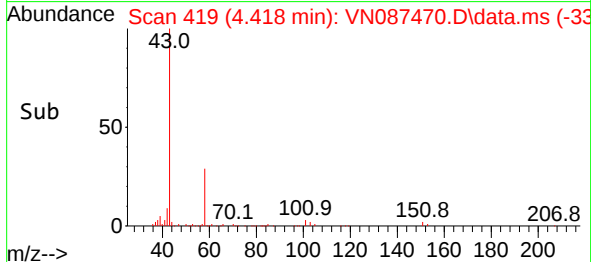
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion: 58 Resp: 70244
Ion Ratio Lower Upper
58 100
43 348.2 268.9 403.3

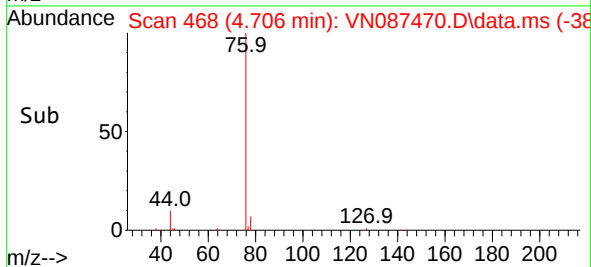
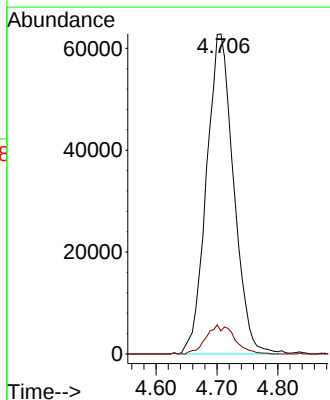
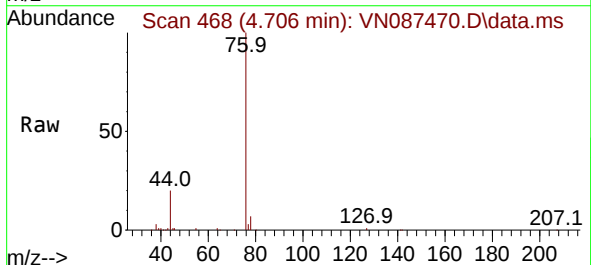
Manual Integrations
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Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#16
Carbon Disulfide
Concen: 18.188 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

Tgt Ion: 76 Resp: 194781
Ion Ratio Lower Upper
76 100
78 7.2 7.1 10.7





#17

Allyl chloride

Concen: 17.162 ug/l

RT: 5.012 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN087470.D

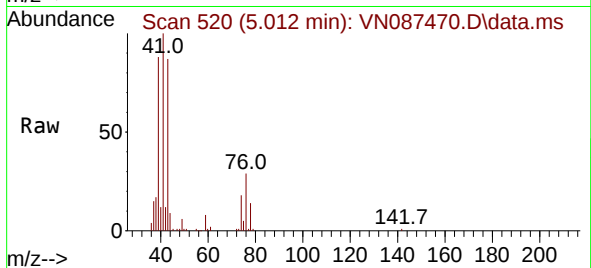
Acq: 06 Aug 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS02

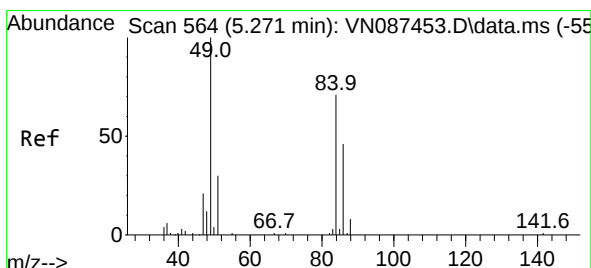
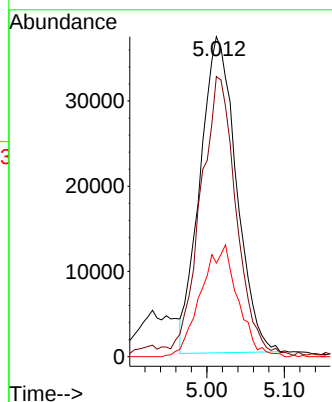


Tgt Ion:	41	Resp:	120760
Ion Ratio	100	Lower	Upper
41	100		
39	87.6	42.4	127.2
76	28.8	16.9	50.6

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Reviewed By :John Carlone 08/07/2025

Supervised By :Mahesh Dadoda 08/07/2025



#18

Methylene Chloride

Concen: 17.913 ug/l

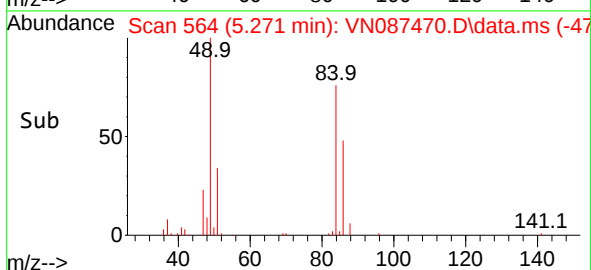
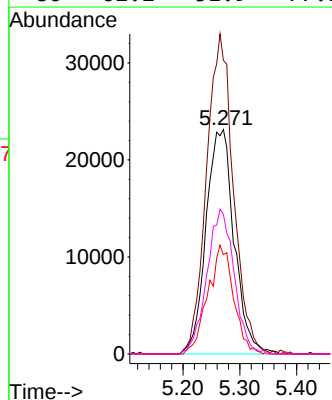
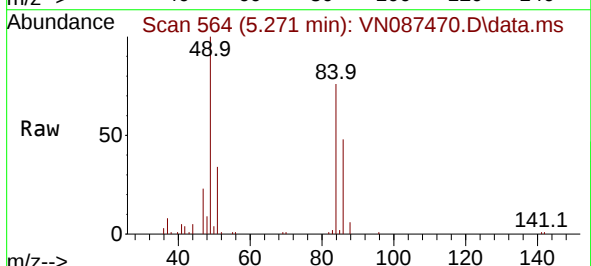
RT: 5.271 min Scan# 564

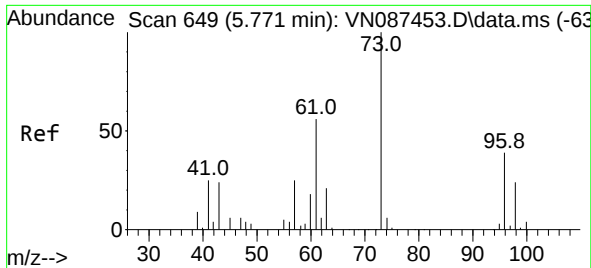
Delta R.T. 0.000 min

Lab File: VN087470.D

Acq: 06 Aug 2025 10:35

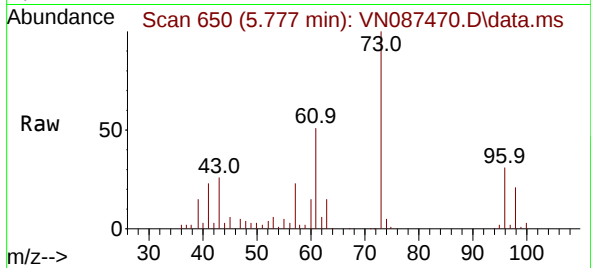
Tgt Ion:	84	Resp:	79613
Ion Ratio	100	Lower	Upper
84	100		
49	130.7	112.9	169.3
51	44.2	33.8	50.8
86	62.2	51.9	77.9





#19
trans-1,2-Dichloroethene
Concen: 17.233 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

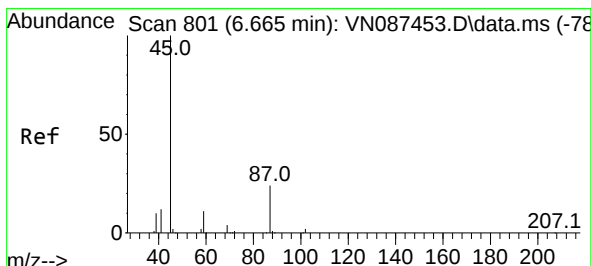
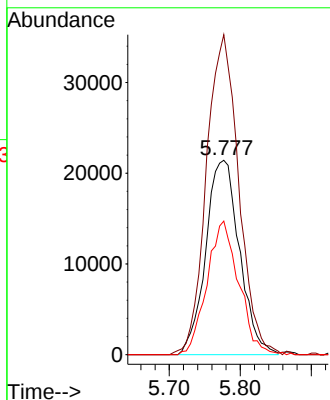
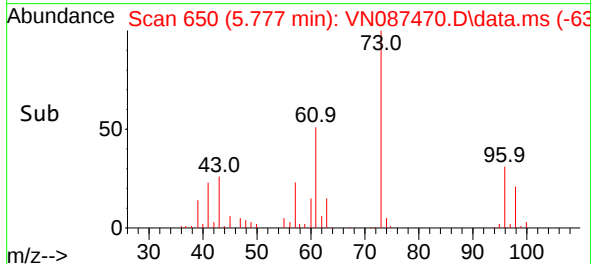
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion: 96 Resp: 70752
Ion Ratio Lower Upper
96 100
61 162.8 114.2 171.4
98 68.7 48.7 73.1

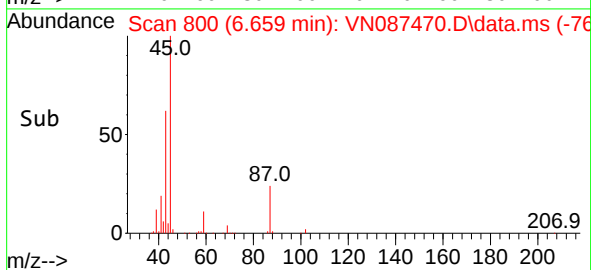
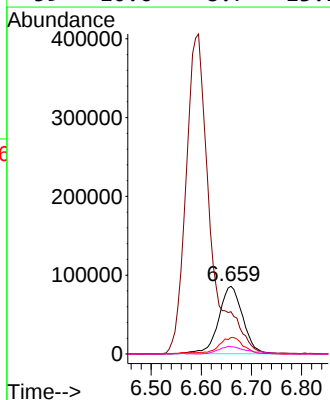
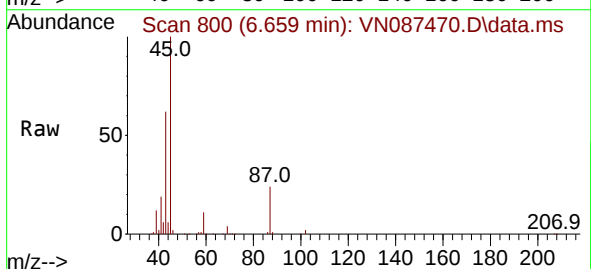
Manual Integrations
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Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#20
Diisopropyl ether
Concen: 17.776 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

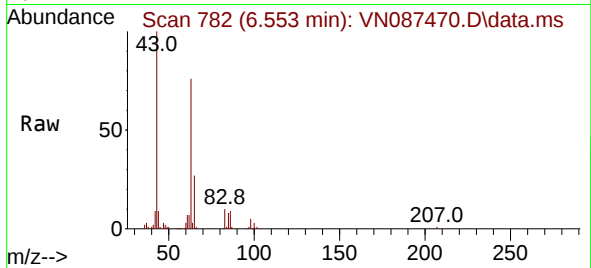
Tgt Ion: 45 Resp: 284966
Ion Ratio Lower Upper
45 100
43 61.4 44.7 67.1
87 24.1 20.2 30.2
59 10.6 8.7 13.1





#21
1,1-Dichloroethane
Concen: 17.609 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

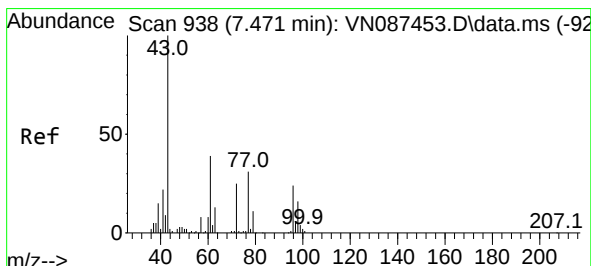
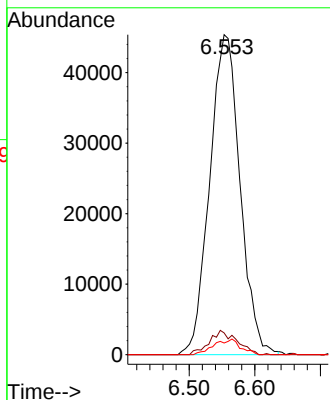
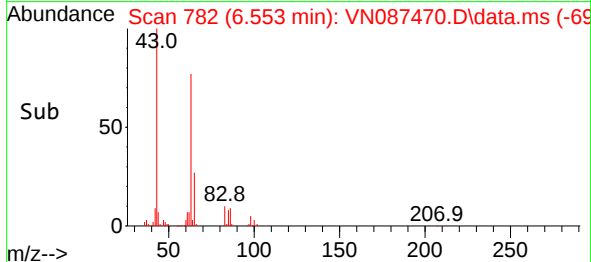
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



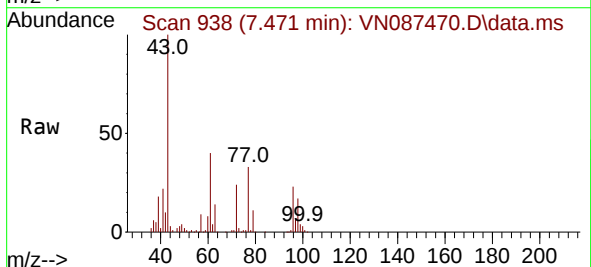
Tgt Ion: 63 Resp: 145917
Ion Ratio Lower Upper
63 100
98 6.8 3.0 9.0
100 3.7 1.9 5.7

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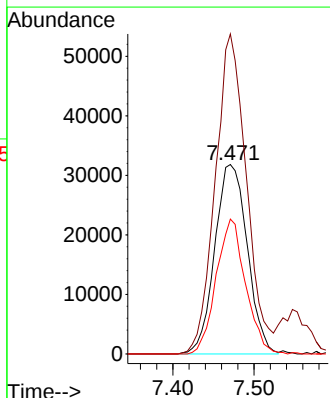
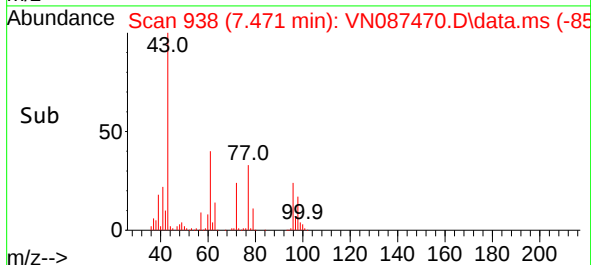
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#22
cis-1,2-Dichloroethene
Concen: 17.521 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35



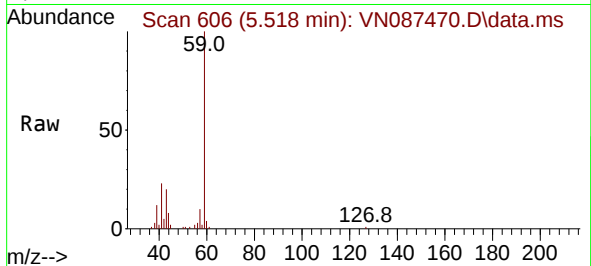
Tgt Ion: 96 Resp: 88506
Ion Ratio Lower Upper
96 100
61 162.1 126.6 190.0
98 64.4 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 77.285 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

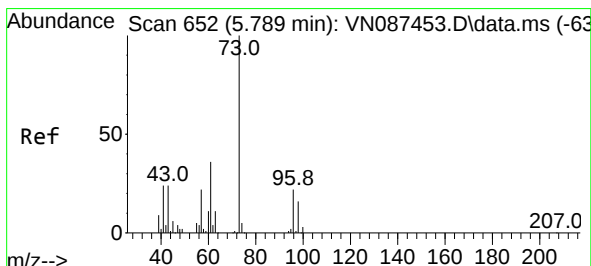
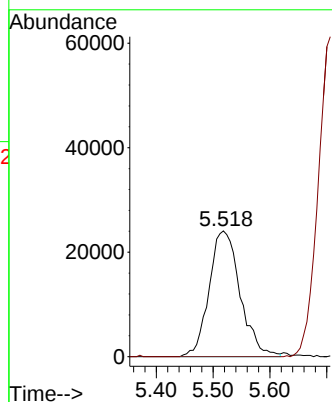
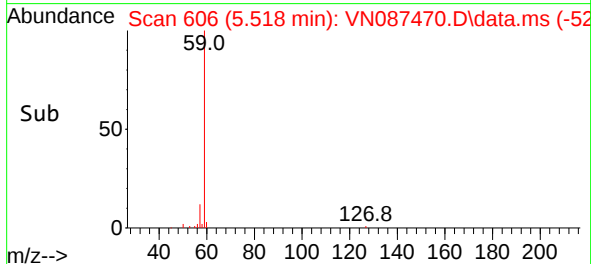
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



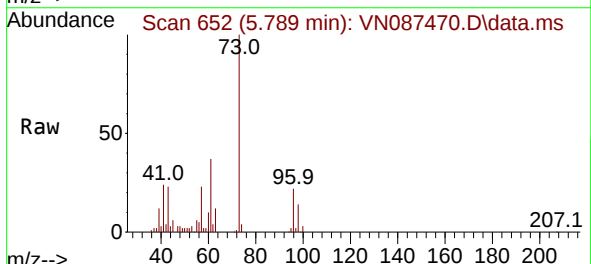
Tgt Ion: 59 Resp: 91362
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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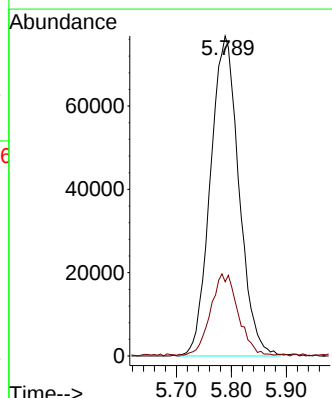
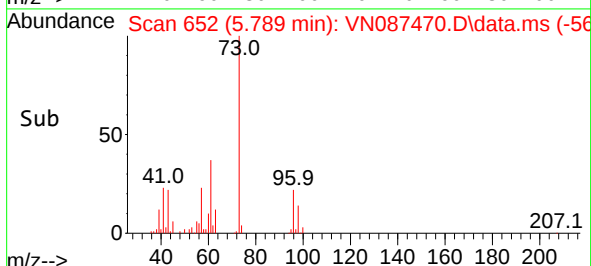
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

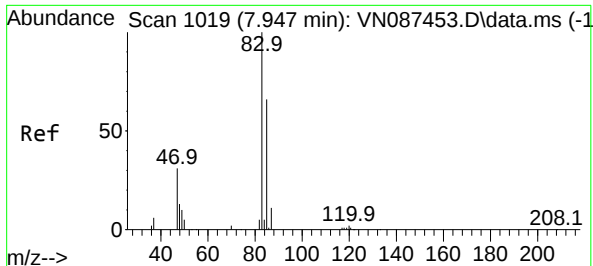


#24
Methyl tert-Butyl Ether
Concen: 17.625 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35



Tgt Ion: 73 Resp: 277272
Ion Ratio Lower Upper
73 100
43 24.9 19.9 29.9





#25

Chloroform

Concen: 17.783 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN087470.D

Acq: 06 Aug 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS02

Tgt Ion: 83 Resp: 15381

Ion Ratio Lower Upper

83 100

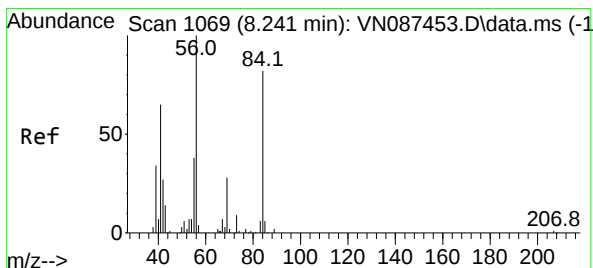
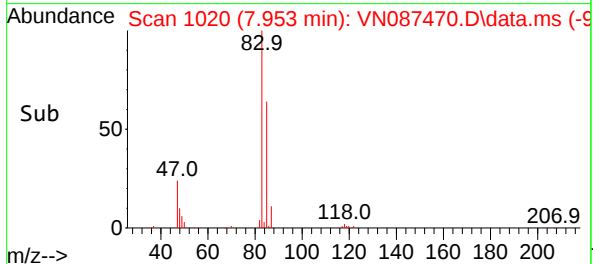
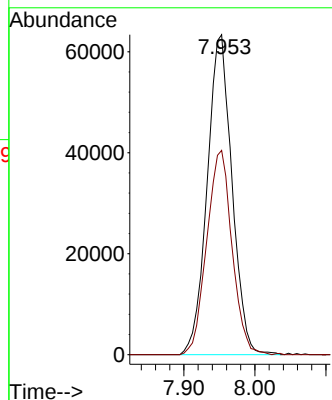
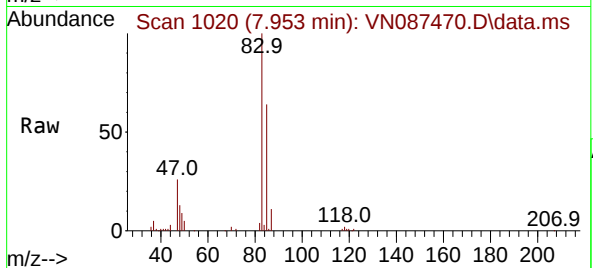
85 63.8 52.6 78.8

Manual Integrations

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Reviewed By :John Carlone 08/07/2025

Supervised By :Mahesh Dadoda 08/07/2025



#26

Cyclohexane

Concen: 19.108 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087470.D

Acq: 06 Aug 2025 10:35

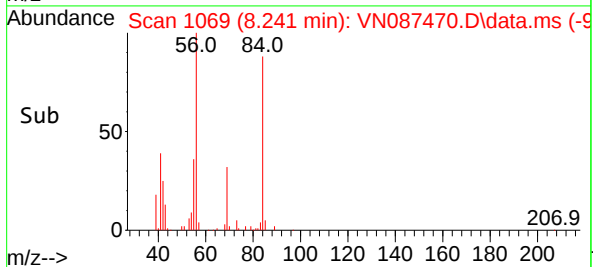
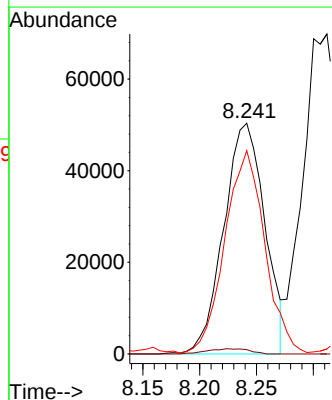
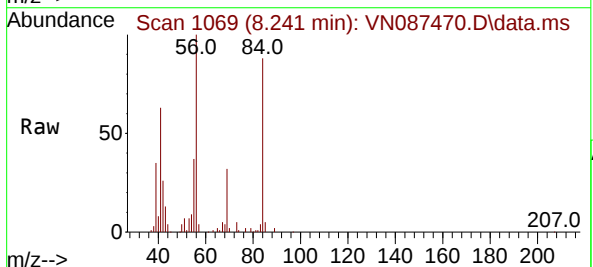
Tgt Ion: 56 Resp: 126774

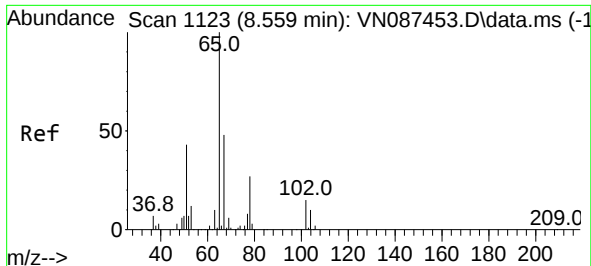
Ion Ratio Lower Upper

56 100

89 2.3 2.3 3.5#

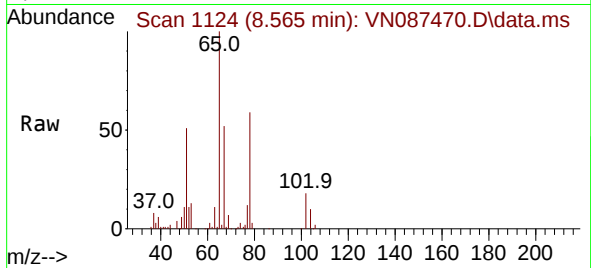
84 85.8 67.0 100.4





#27
1,2-Dichloroethane-d4
Concen: 30.026 ug/l
RT: 8.565 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

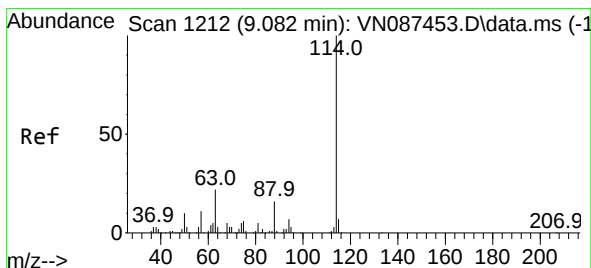
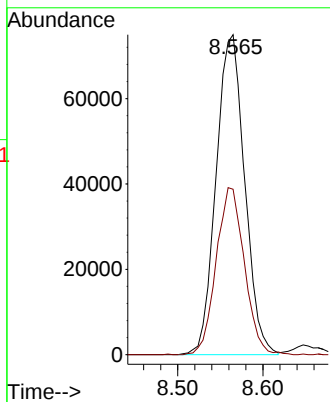
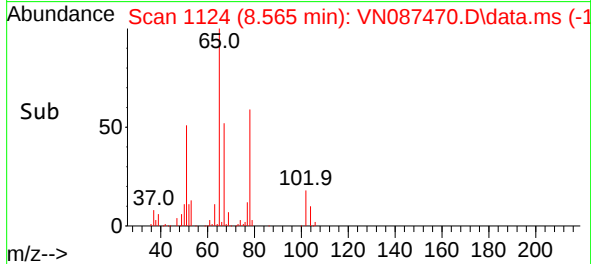
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



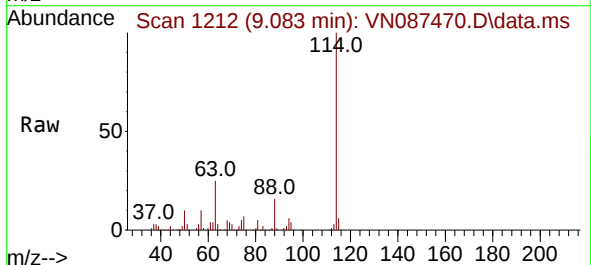
Tgt Ion: 65 Resp: 17457
Ion Ratio Lower Upper
65 100
67 51.3 40.8 61.2

Manual Integrations
APPROVED

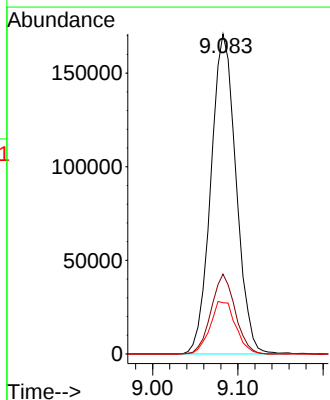
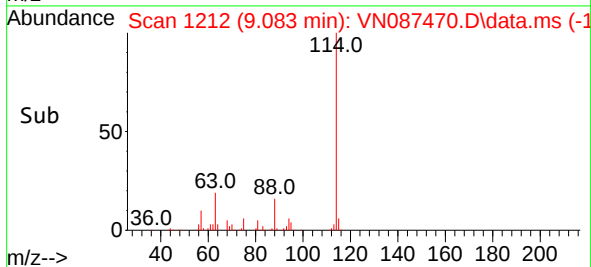
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35



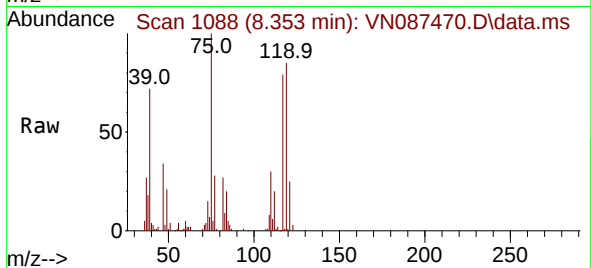
Tgt Ion:114 Resp: 350968
Ion Ratio Lower Upper
114 100
63 23.8 18.9 28.3
88 16.6 13.1 19.7





#29
1,1-Dichloropropene
Concen: 18.179 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

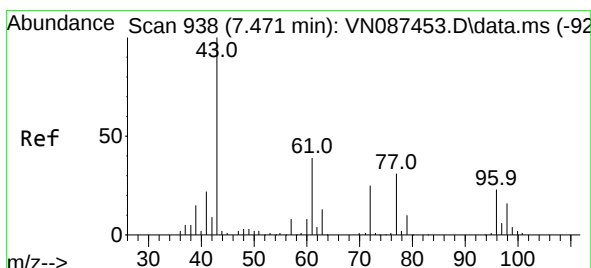
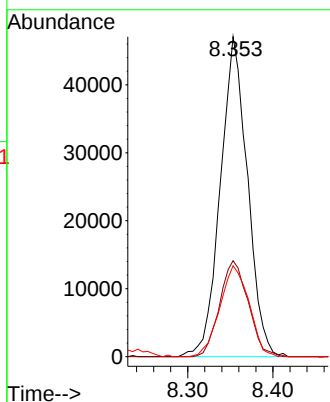
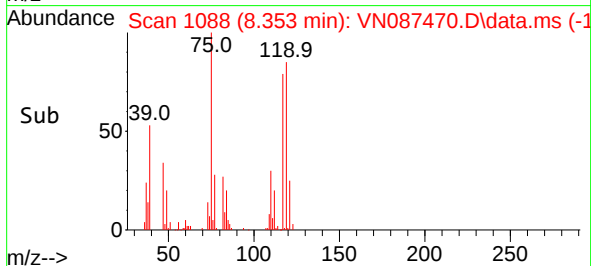
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



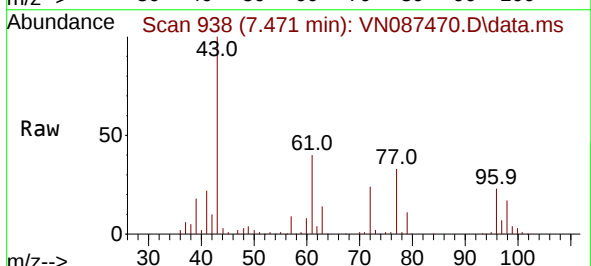
Tgt Ion: 75 Resp: 104062
Ion Ratio Lower Upper
75 100
110 31.5 0.0 65.8
77 30.6 0.0 63.6

Manual Integrations
APPROVED

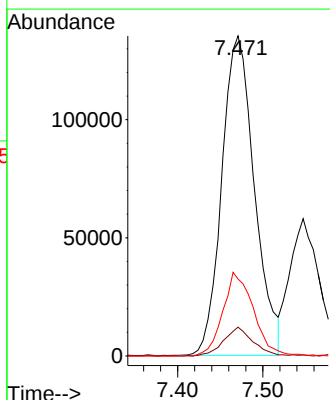
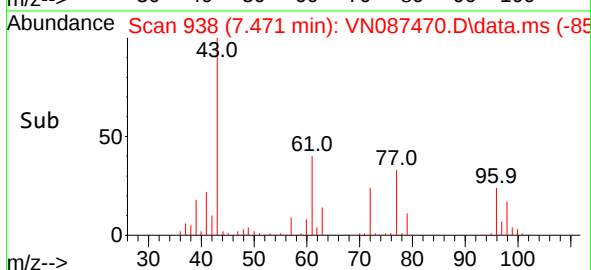
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

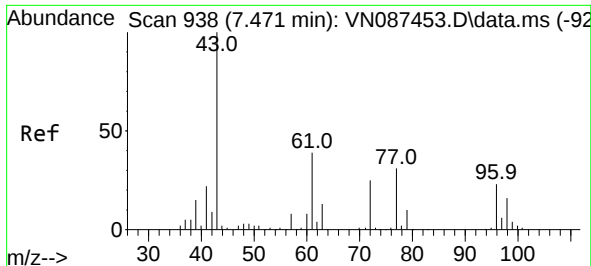


#30
2-Butanone
Concen: 85.500 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35



Tgt Ion: 43 Resp: 360765
Ion Ratio Lower Upper
43 100
57 8.0 6.6 9.8
72 24.4 19.7 29.5





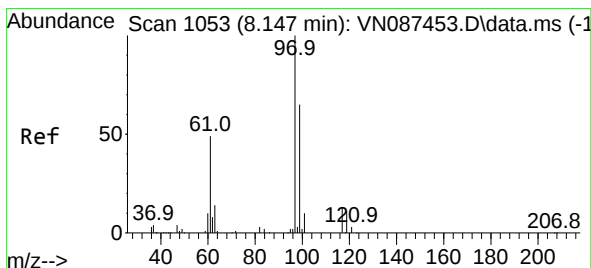
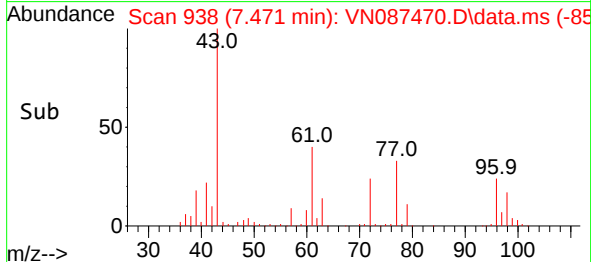
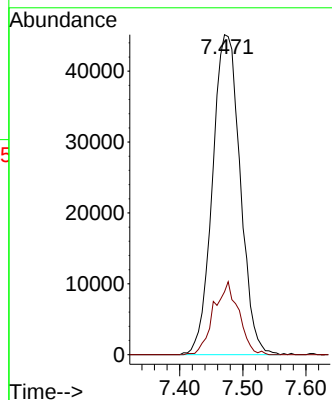
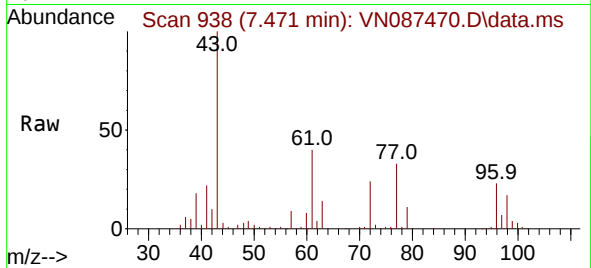
#31
2,2-Dichloropropane
Concen: 18.639 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02

Tgt Ion: 77 Resp: 13761
Ion Ratio Lower Upper
77 100
97 14.5 16.7 25.1

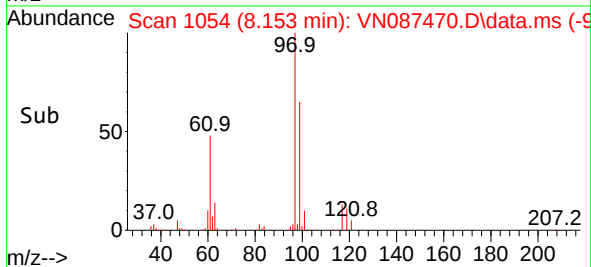
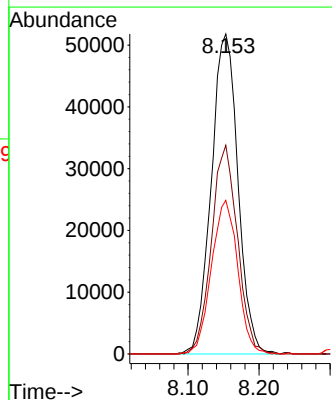
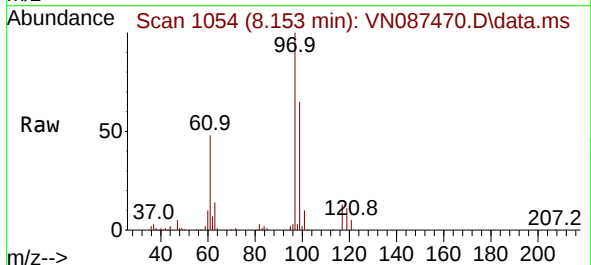
Manual Integrations
APPROVED

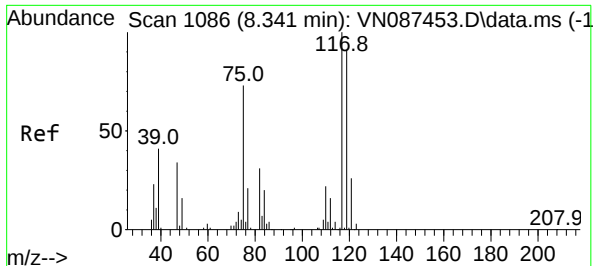
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#32
1,1,1-Trichloroethane
Concen: 18.518 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

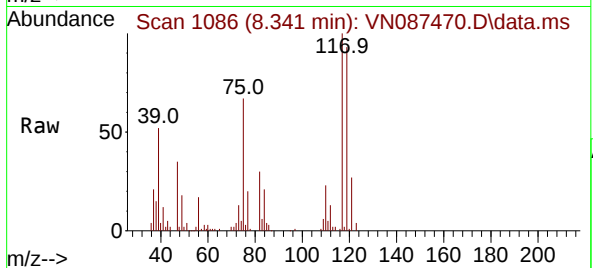
Tgt Ion: 97 Resp: 135196
Ion Ratio Lower Upper
97 100
99 63.4 53.0 79.6
61 47.2 40.6 61.0





#33
Carbon Tetrachloride
Concen: 18.214 ug/l
RT: 8.341 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

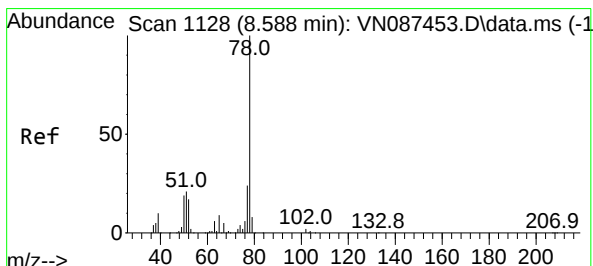
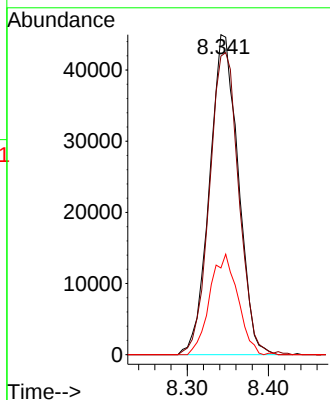
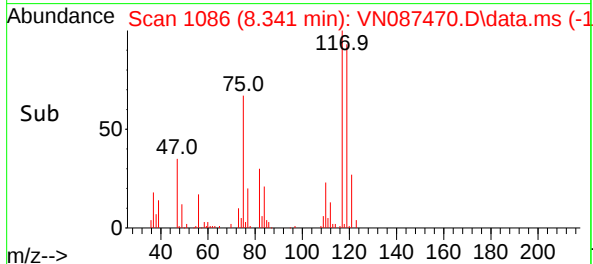
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion:117 Resp: 11047
Ion Ratio Lower Upper
117 100
119 93.3 73.4 110.0
121 27.1 21.1 31.7

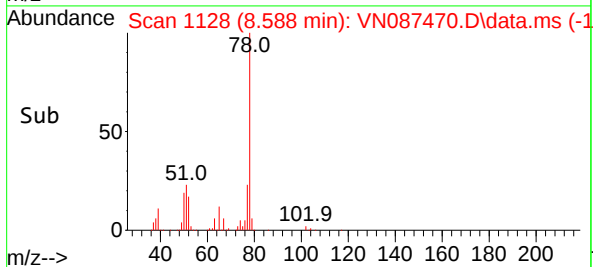
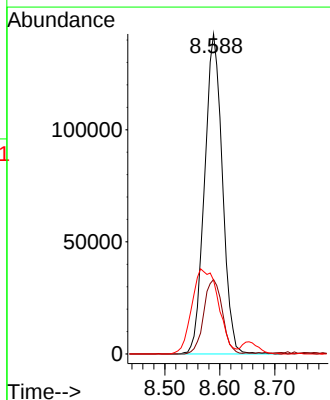
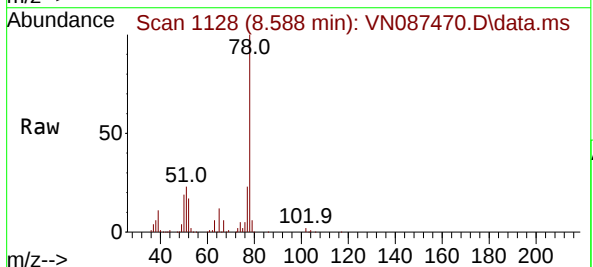
Manual Integrations
APPROVED

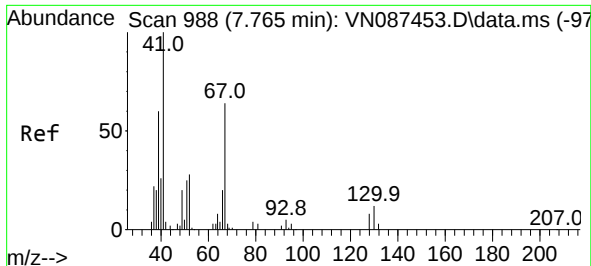
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#34
Benzene
Concen: 17.786 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

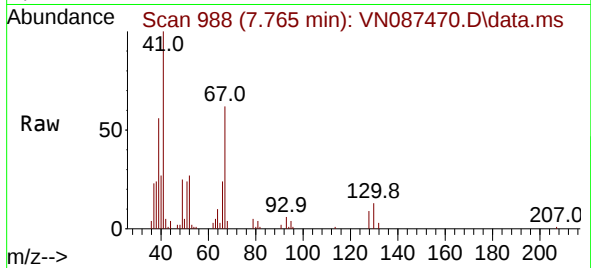
Tgt Ion: 78 Resp: 321390
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8
51 22.9 16.9 25.3





#35
Methacrylonitrile
Concen: 17.724 ug/l
RT: 7.765 min Scan# 988
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

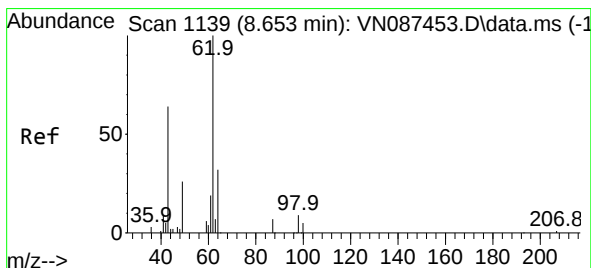
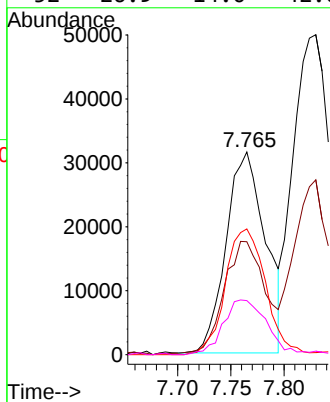
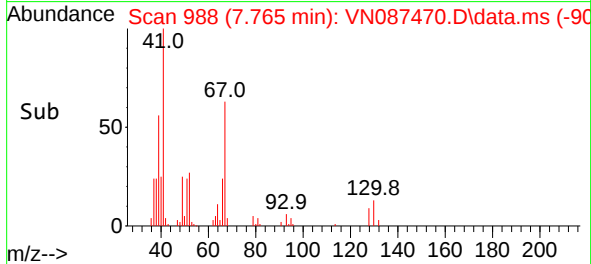
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion:	41	Resp:	8070
Ion Ratio	100	Lower	Upper
39	55.5	30.1	90.5
67	62.6	32.0	96.2
52	26.9	14.0	42.0

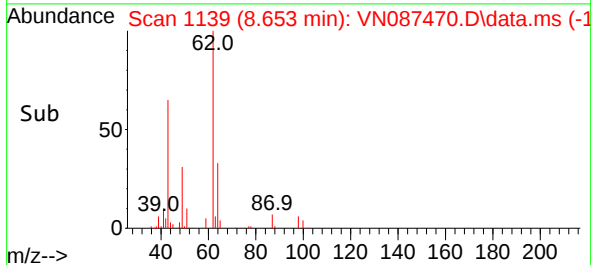
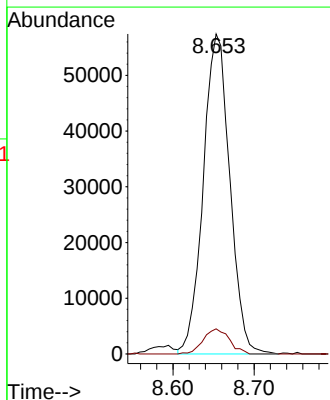
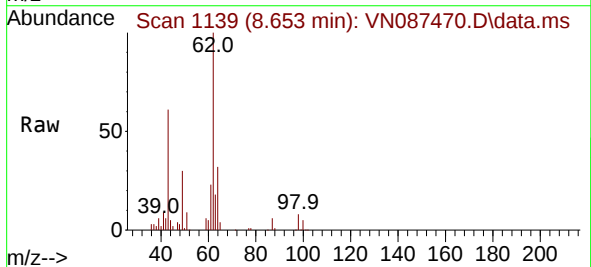
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#36
1,2-Dichloroethane
Concen: 17.867 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

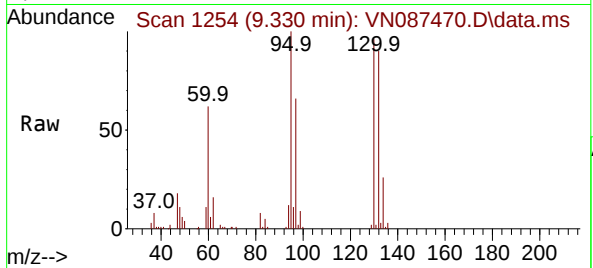
Tgt Ion:	62	Resp:	130491
Ion Ratio	100	Lower	Upper
98	7.7	6.6	9.8





#37
Trichloroethene
Concen: 18.254 ug/l
RT: 9.330 min Scan# 1255
Delta R.T. -0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

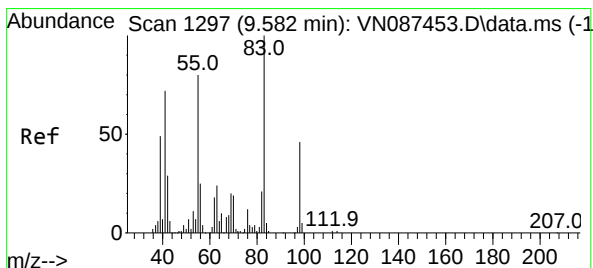
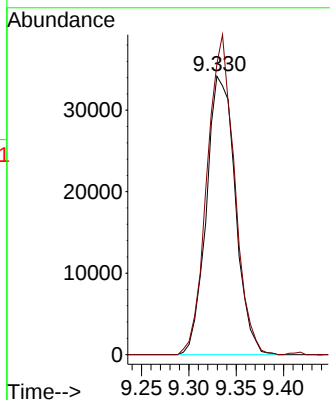
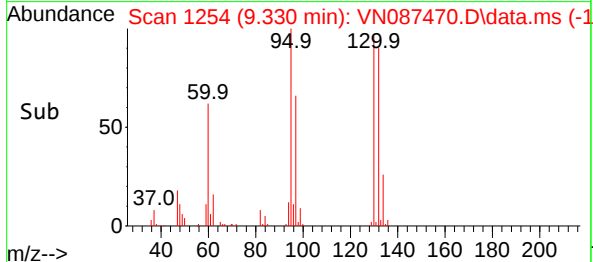
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



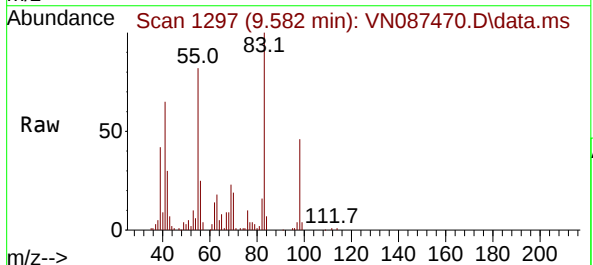
Tgt Ion:130 Resp: 7265
Ion Ratio Lower Upper
130 100
95 104.5 91.4 137.2

Manual Integrations
APPROVED

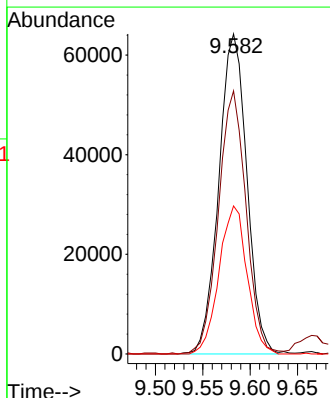
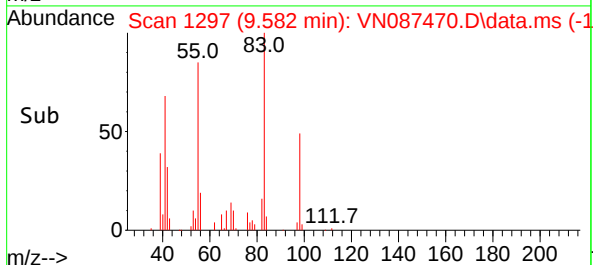
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

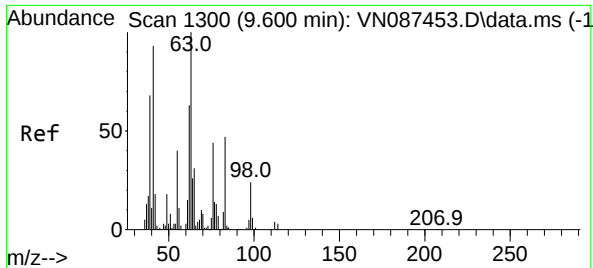


#38
Methylcyclohexane
Concen: 19.923 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35



Tgt Ion: 83 Resp: 132305
Ion Ratio Lower Upper
83 100
55 81.1 41.2 123.6
98 46.2 23.3 69.9





#39

1,2-Dichloropropane

Concen: 17.814 ug/l

RT: 9.606 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN087470.D

Acq: 06 Aug 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS02

Tgt Ion: 63 Resp: 82530

Ion Ratio Lower Upper

63 100

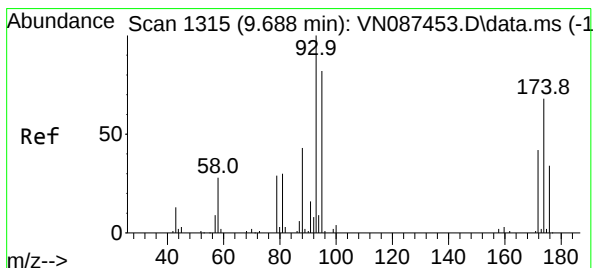
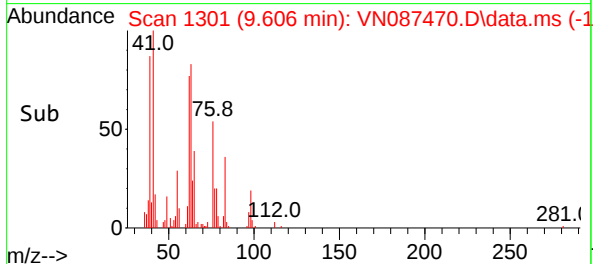
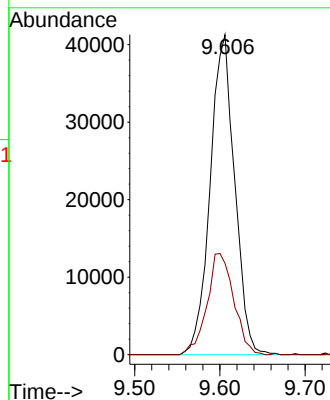
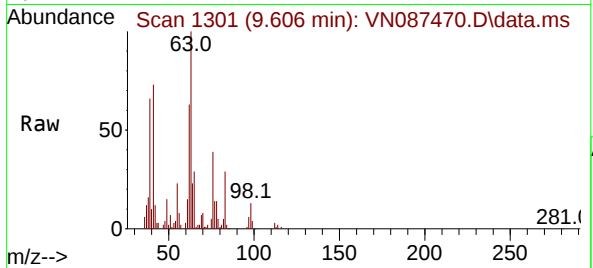
65 28.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2025

Supervised By :Mahesh Dadoda 08/07/2025



#40

Dibromomethane

Concen: 17.316 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087470.D

Acq: 06 Aug 2025 10:35

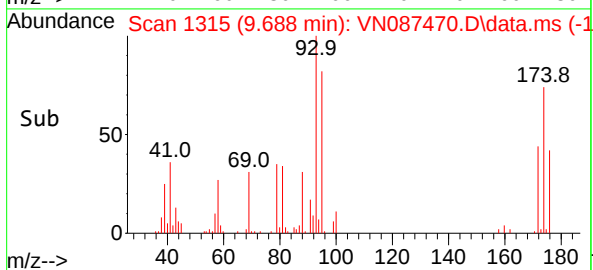
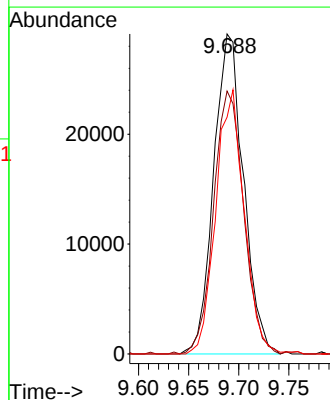
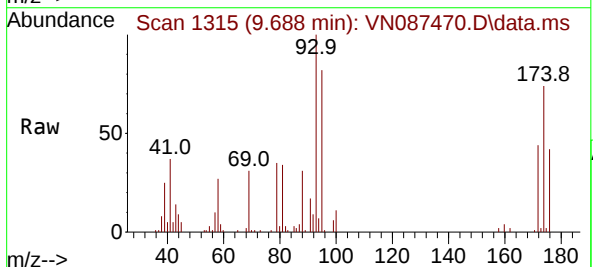
Tgt Ion: 93 Resp: 60193

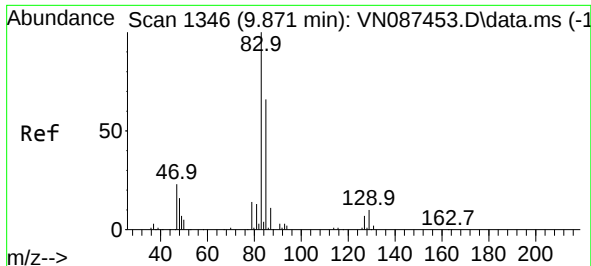
Ion Ratio Lower Upper

93 100

95 83.0 0.0 161.6

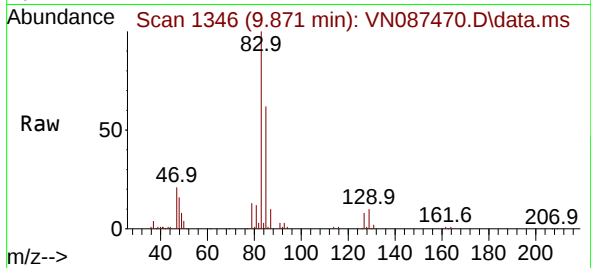
174 78.2 0.0 151.4





#41
Bromodichloromethane
Concen: 17.489 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

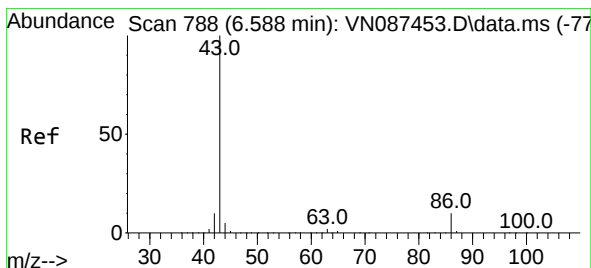
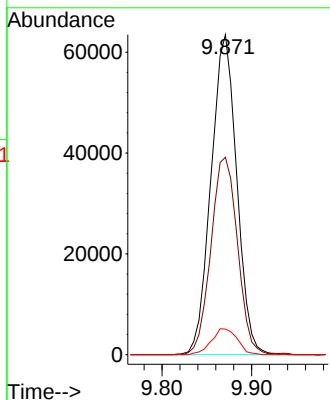
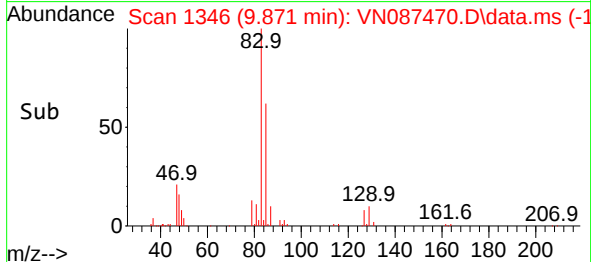
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



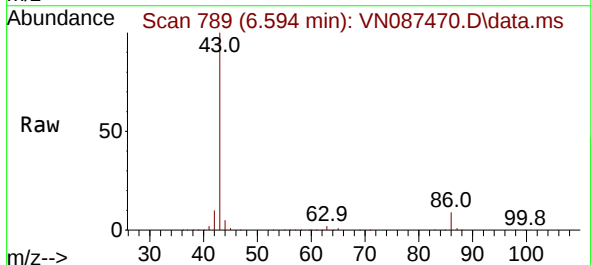
Tgt Ion: 83 Resp: 126328
Ion Ratio Lower Upper
83 100
85 61.4 52.9 79.3
127 8.0 5.8 8.6

Manual Integrations
APPROVED

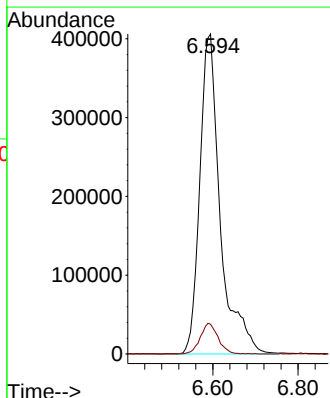
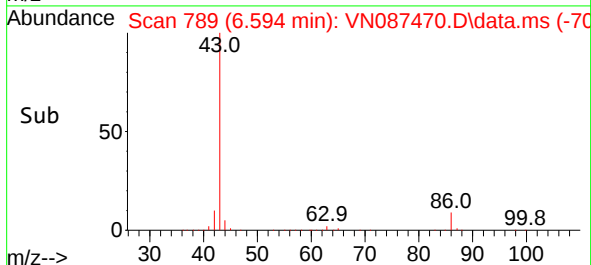
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

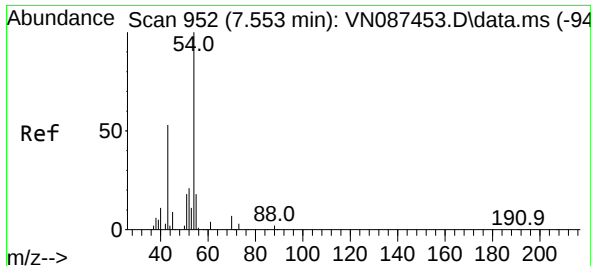


#42
Vinyl Acetate
Concen: 97.509 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35



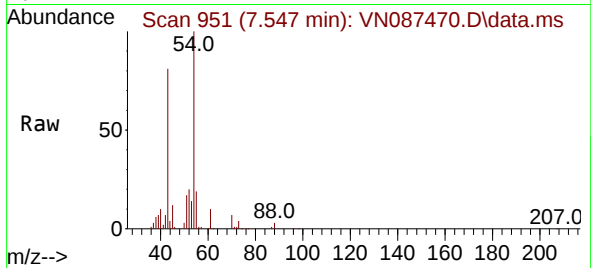
Tgt Ion: 43 Resp: 1354933
Ion Ratio Lower Upper
43 100
86 8.3 7.3 10.9





#43
Ethyl Acetate
Concen: 17.600 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

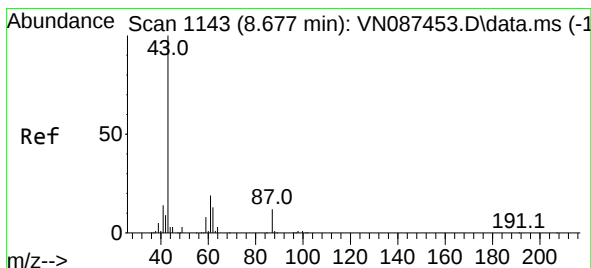
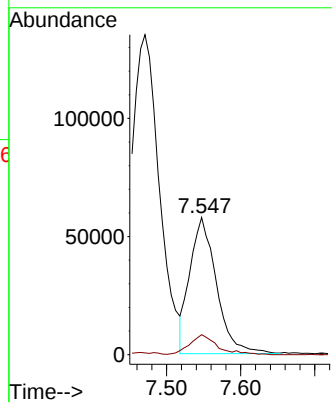
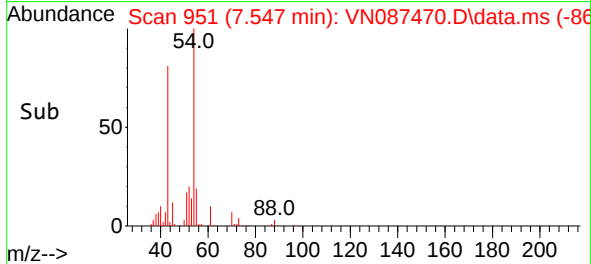
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion: 43 Resp: 14347
Ion Ratio Lower Upper
43 100
45 13.5 11.1 16.7

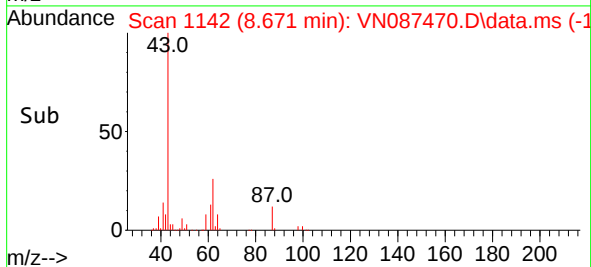
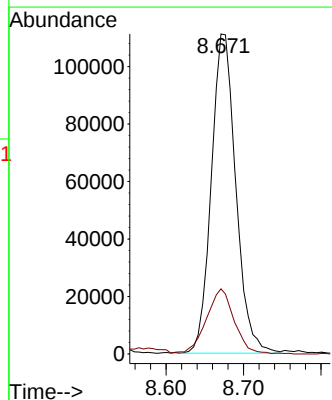
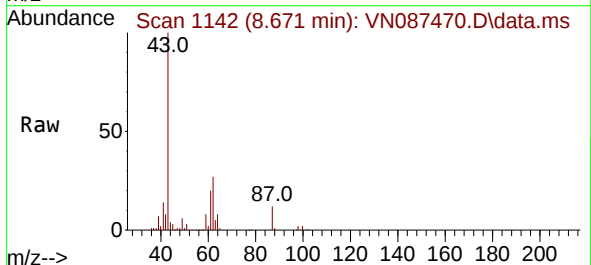
Manual Integrations
APPROVED

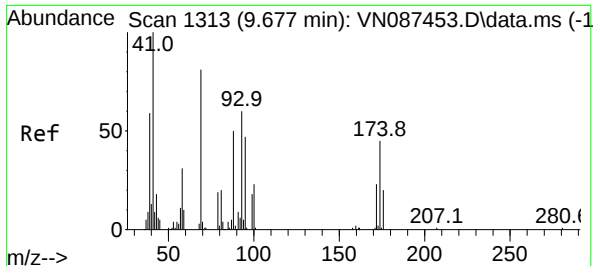
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#44
Isopropyl Acetate
Concen: 17.662 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

Tgt Ion: 43 Resp: 244043
Ion Ratio Lower Upper
43 100
61 22.6 18.6 28.0





#45

1,4-Dioxane

Concen: 299.395 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN087470.D

Acq: 06 Aug 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS02

Tgt Ion: 88 Resp: 2637

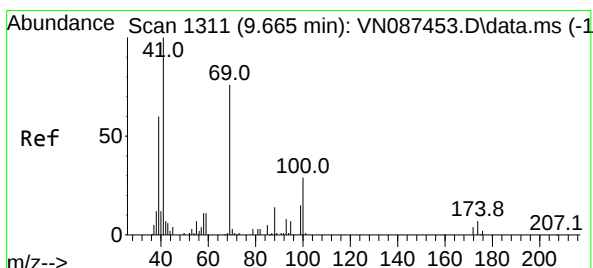
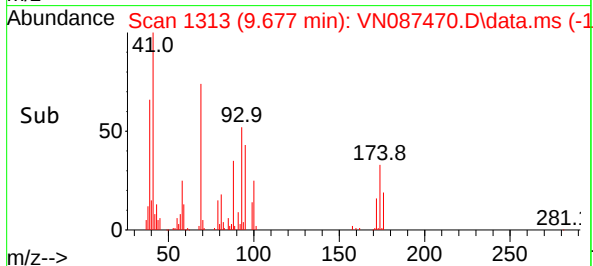
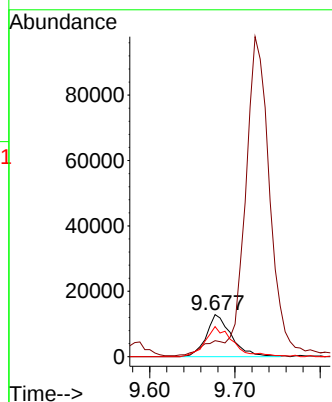
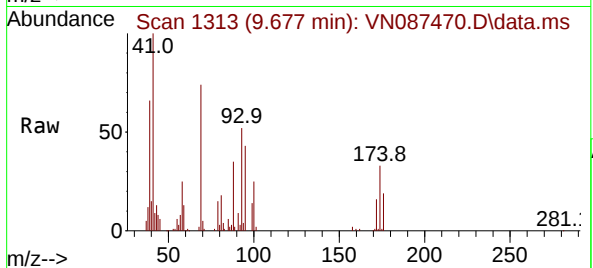
Ion	Ratio	Lower	Upper
88	100		
43	34.1	24.1	36.1
58	74.7	57.2	85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2025

Supervised By :Mahesh Dadoda 08/07/2025



#46

Methyl methacrylate

Concen: 17.621 ug/l

RT: 9.665 min Scan# 1311

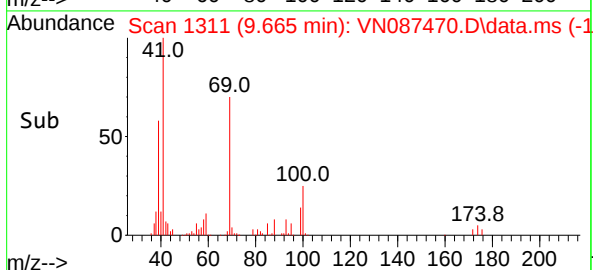
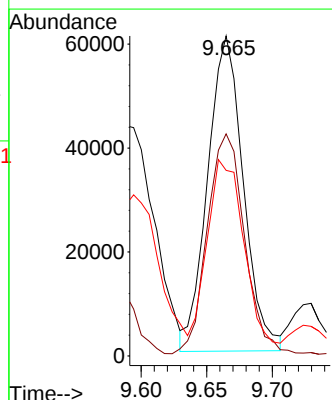
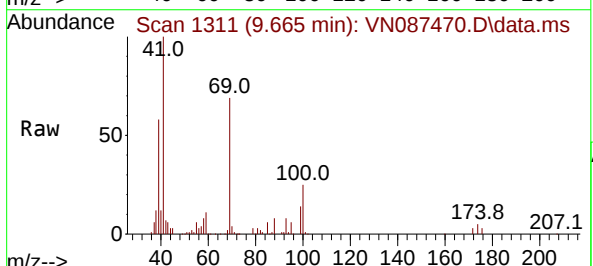
Delta R.T. 0.000 min

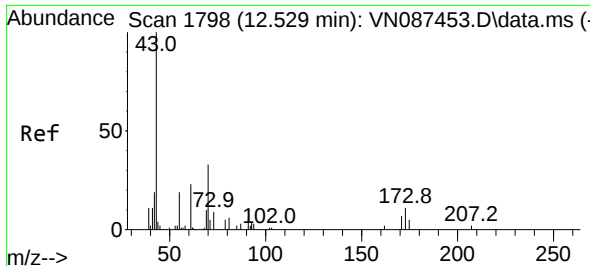
Lab File: VN087470.D

Acq: 06 Aug 2025 10:35

Tgt Ion: 41 Resp: 114931

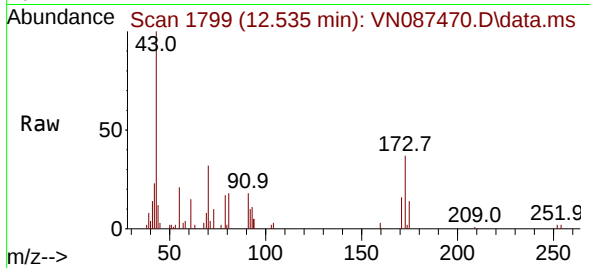
Ion	Ratio	Lower	Upper
41	100		
69	72.0	37.1	111.5
39	57.6	30.7	92.1





#47
n-amy1 Acetate
Concen: 19.205 ug/l m
RT: 12.535 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

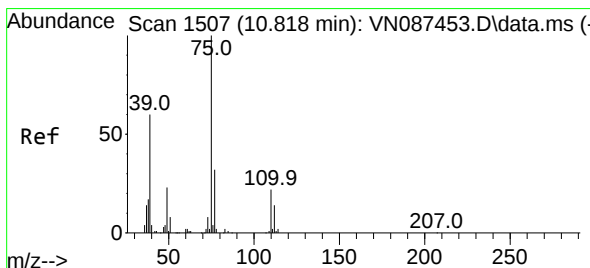
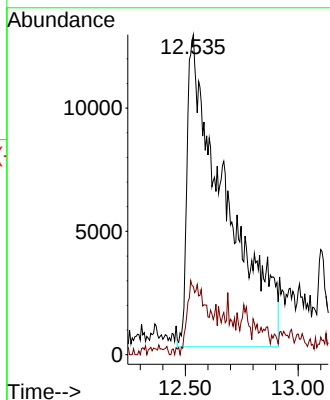
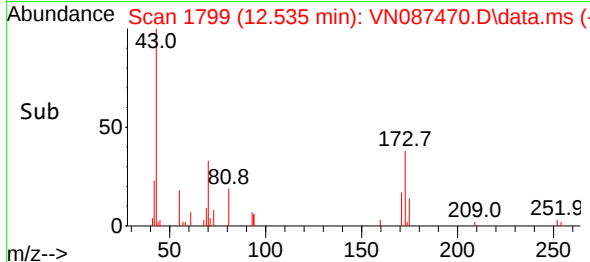
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion: 43 Resp: 14659
Ion Ratio Lower Upper
43 100
55 4.7 4.6 6.8

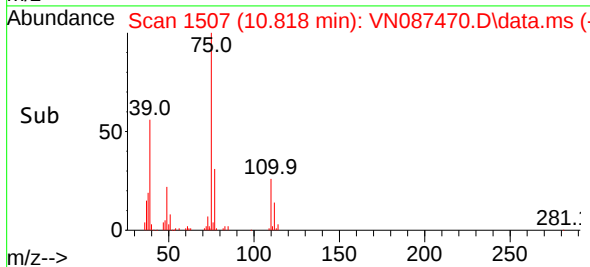
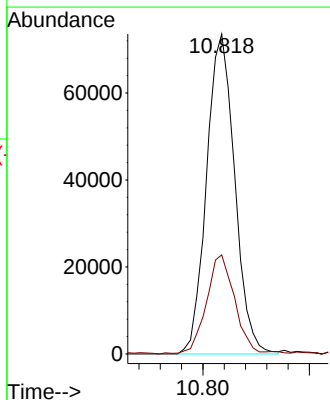
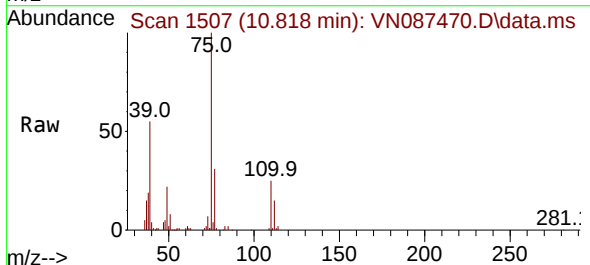
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#48
t-1,3-Dichloropropene
Concen: 17.170 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

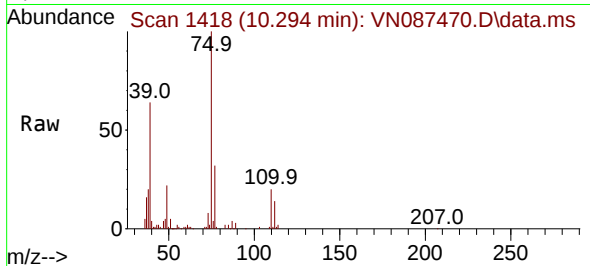
Tgt Ion: 75 Resp: 134924
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 17.302 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

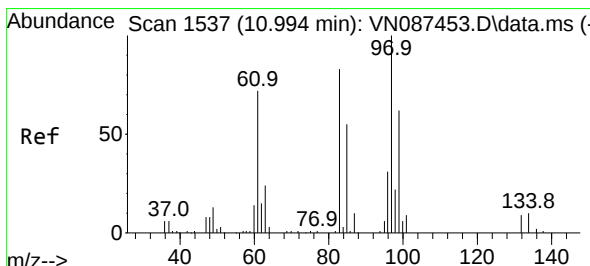
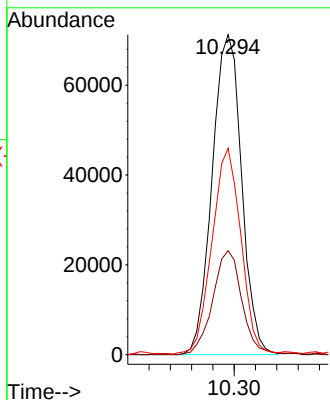
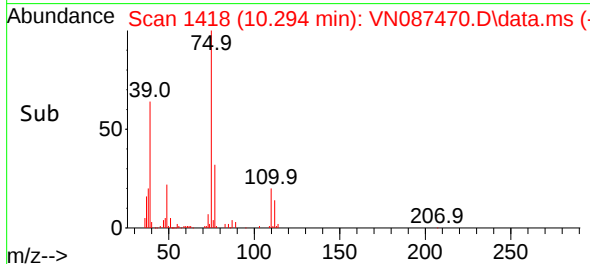
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion: 75 Resp: 13683
Ion Ratio Lower Upper
75 100
77 32.5 24.6 36.8
39 63.9 51.5 77.3

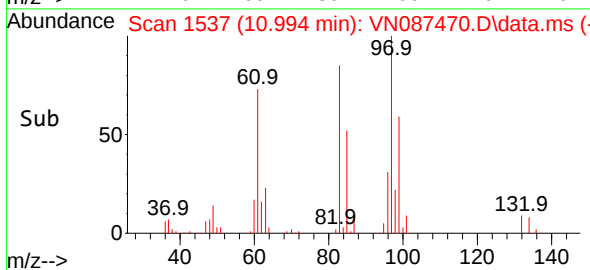
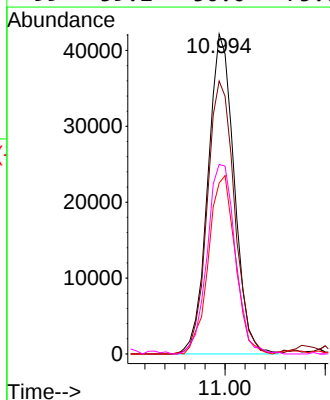
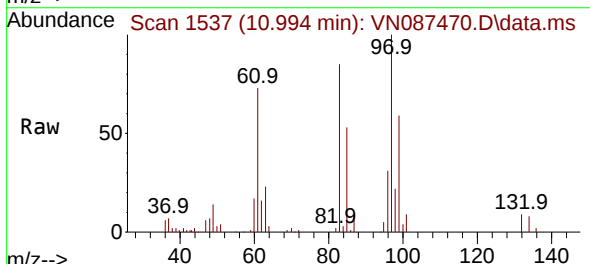
Manual Integrations
APPROVED

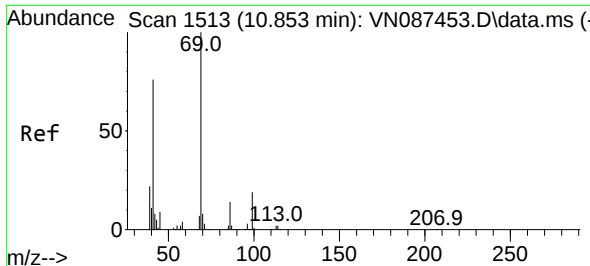
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#50
1,1,2-Trichloroethane
Concen: 17.463 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

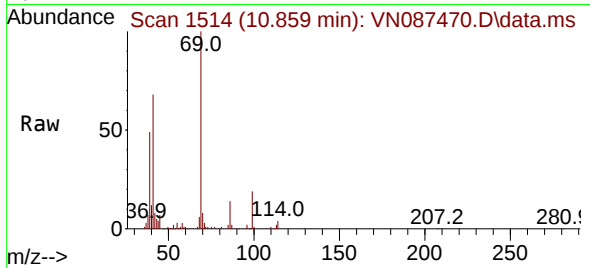
Tgt Ion: 97 Resp: 76697
Ion Ratio Lower Upper
97 100
83 84.8 66.2 99.2
85 53.0 43.9 65.9
99 59.2 50.0 75.0





#51
Ethyl methacrylate
Concen: 17.712 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

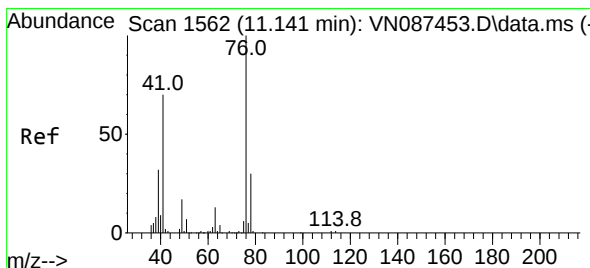
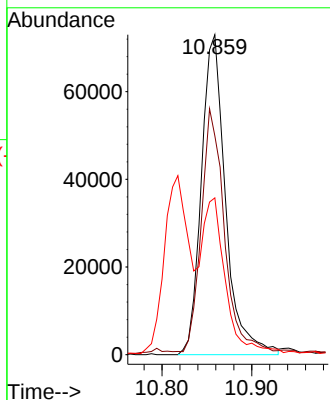
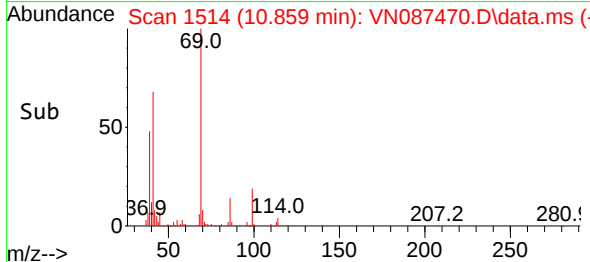
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion: 69 Resp: 137000
Ion Ratio Lower Upper
69 100
41 67.4 38.0 114.1
39 47.3 23.2 69.5

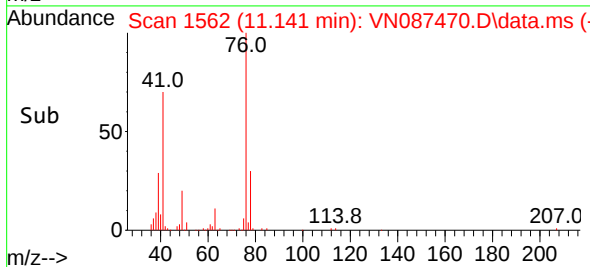
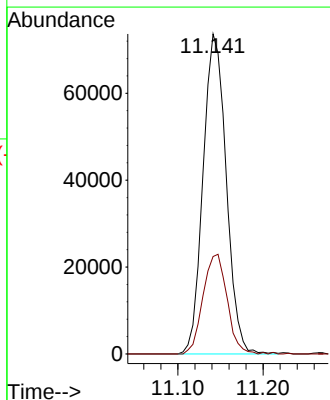
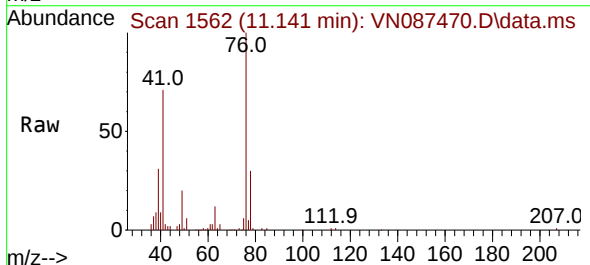
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#52
1,3-Dichloropropane
Concen: 17.585 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

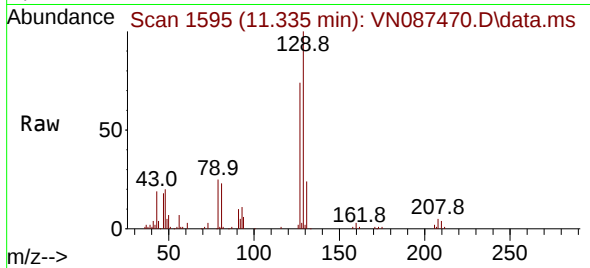
Tgt Ion: 76 Resp: 139144
Ion Ratio Lower Upper
76 100
78 32.2 0.0 63.0





#53
Dibromochloromethane
Concen: 16.865 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

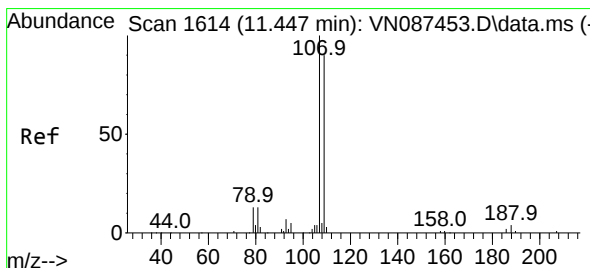
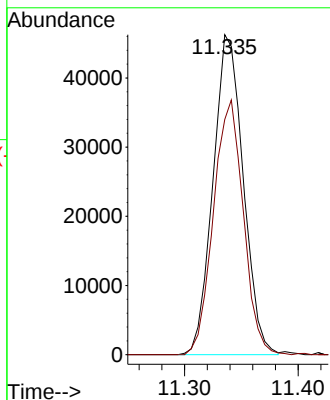
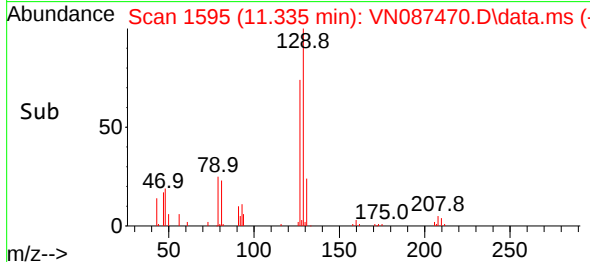
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



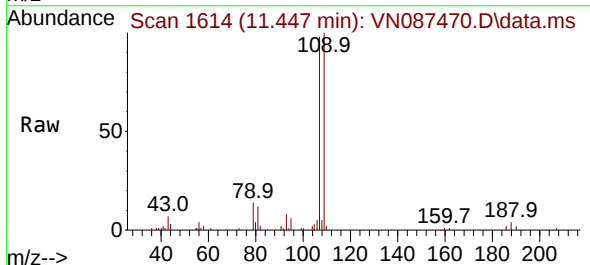
Tgt Ion:129 Resp: 8554
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.3

Manual Integrations
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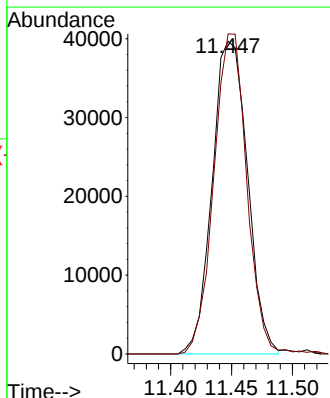
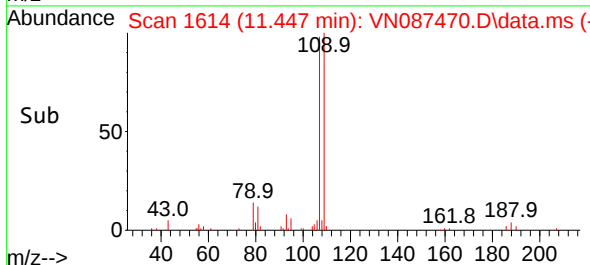
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

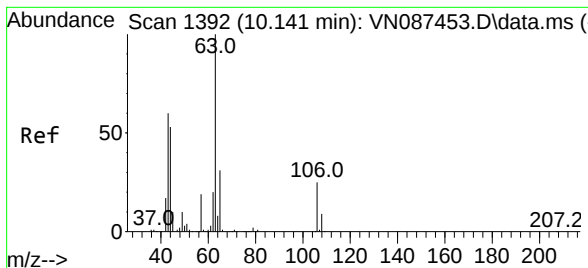


#54
1,2-Dibromoethane
Concen: 17.154 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35



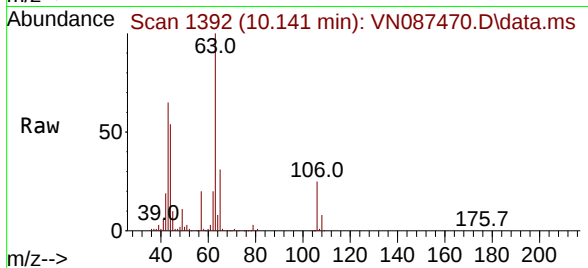
Tgt Ion:107 Resp: 79978
Ion Ratio Lower Upper
107 100
109 95.6 74.2 111.4





#55
2-Chloroethyl vinyl ether
Concen: 88.950 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

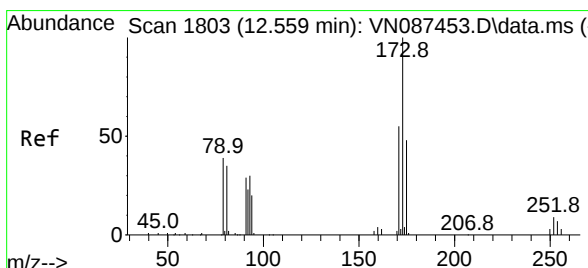
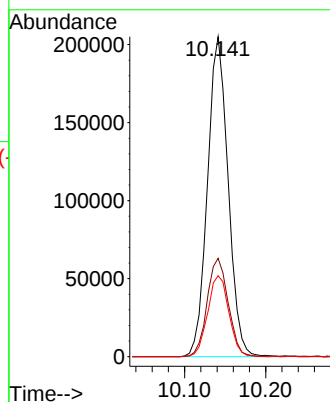
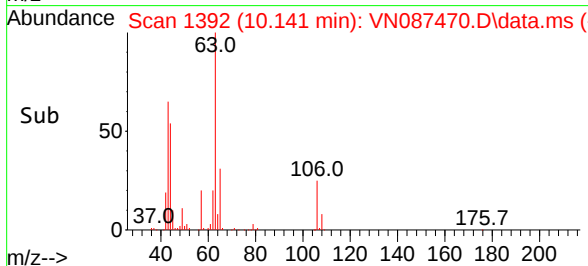
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion: 63 Resp: 36219
Ion Ratio Lower Upper
63 100
65 31.2 25.7 38.5
106 25.9 20.7 31.1

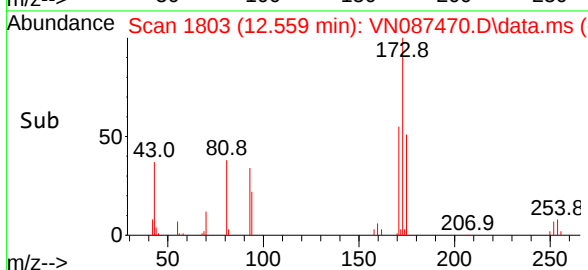
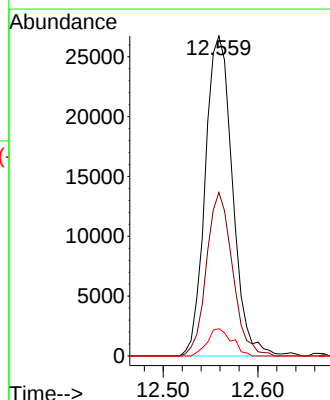
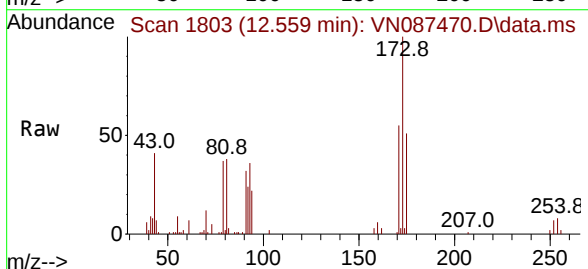
Manual Integrations
APPROVED

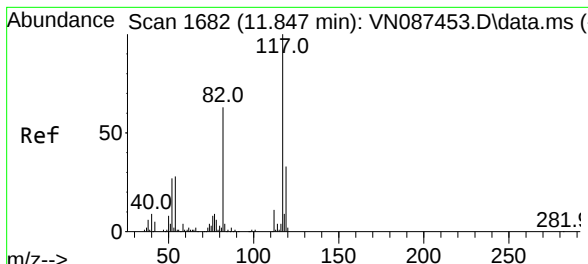
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#56
Bromoform
Concen: 15.976 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

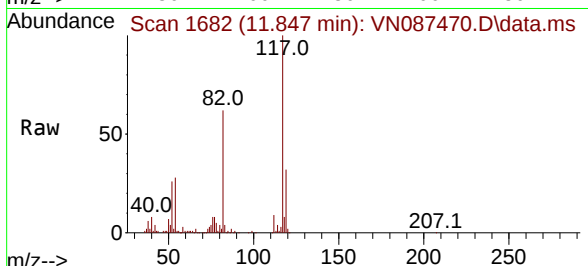
Tgt Ion:173 Resp: 53597
Ion Ratio Lower Upper
173 100
175 48.6 38.8 58.2
254 7.7 3.9 5.9#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

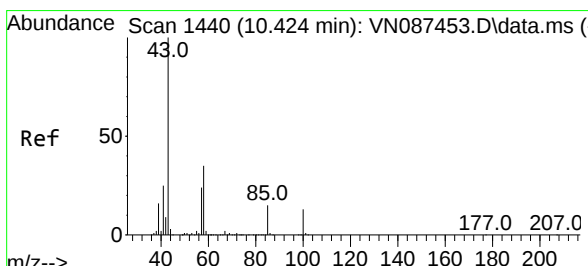
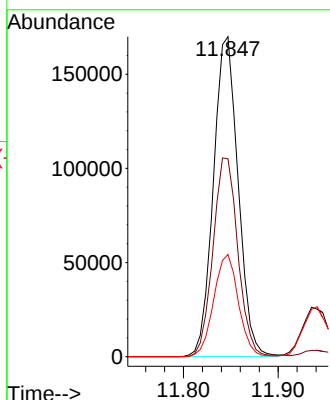
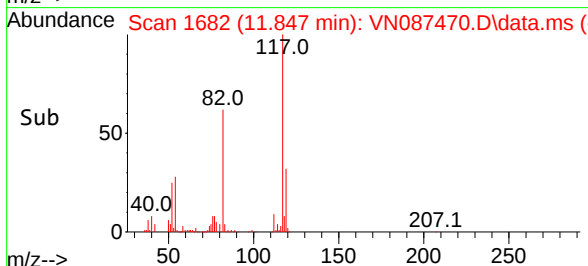
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion:117 Resp: 308794
Ion Ratio Lower Upper
117 100
82 62.7 49.2 73.8
119 32.0 25.7 38.5

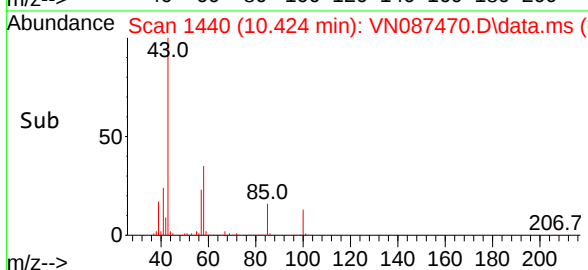
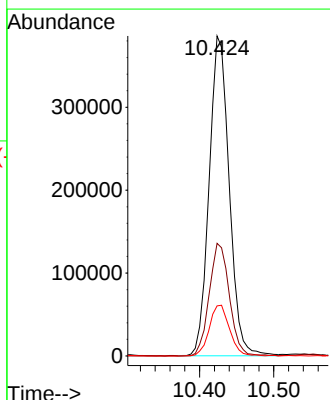
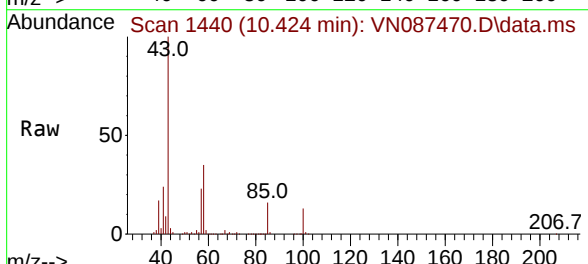
Manual Integrations
APPROVED

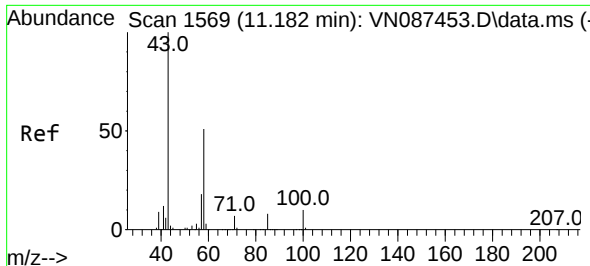
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#58
4-Methyl-2-Pentanone
Concen: 91.370 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

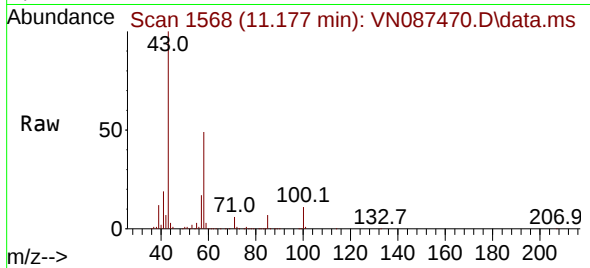
Tgt Ion: 43 Resp: 725810
Ion Ratio Lower Upper
43 100
58 35.2 29.0 43.6
85 16.0 12.7 19.1





#59
2-Hexanone
Concen: 88.356 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

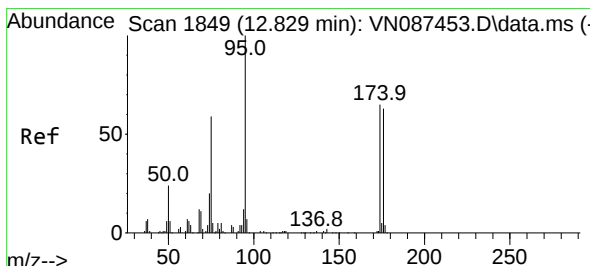
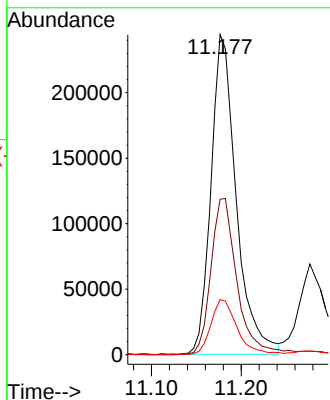
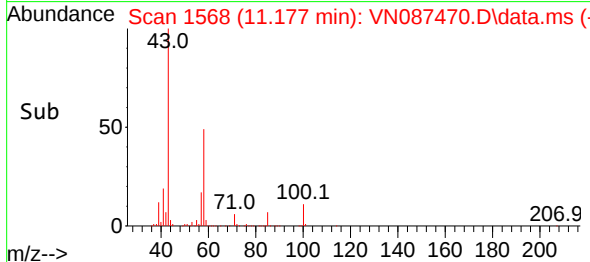
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion: 43 Resp: 47688
Ion Ratio Lower Upper
43 100
58 50.6 41.0 61.6
57 17.8 14.6 21.8

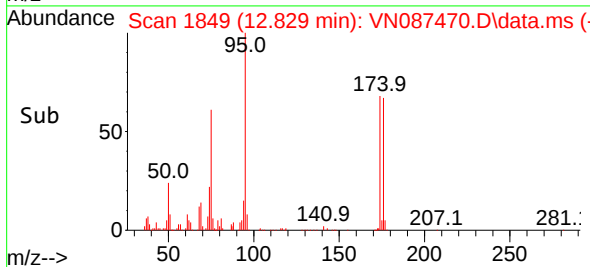
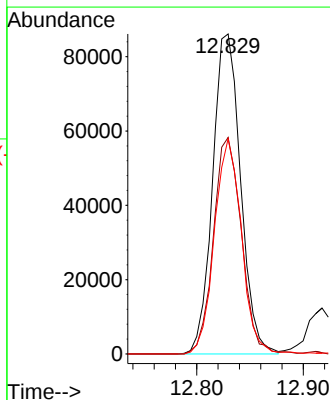
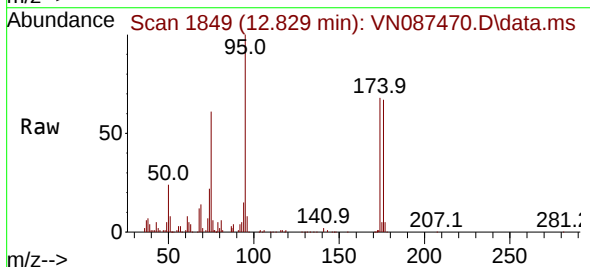
Manual Integrations
APPROVED

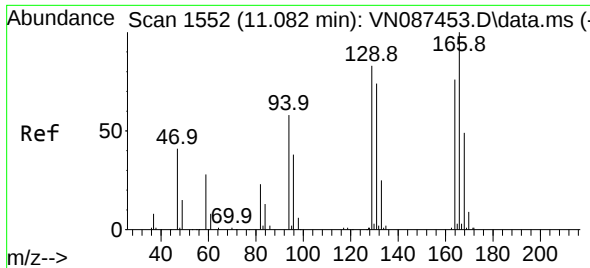
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#60
4-Bromofluorobenzene
Concen: 29.533 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

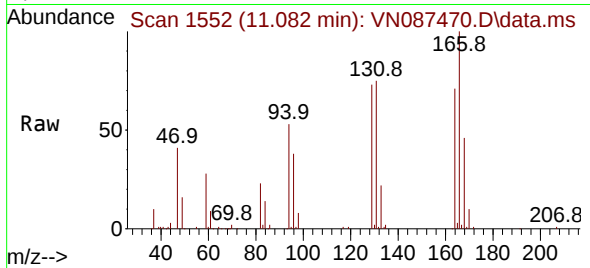
Tgt Ion: 95 Resp: 156944
Ion Ratio Lower Upper
95 100
174 67.4 52.3 78.5
176 64.9 49.8 74.8





#61
Tetrachloroethene
Concen: 19.017 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

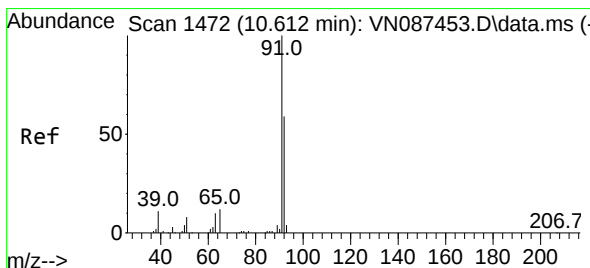
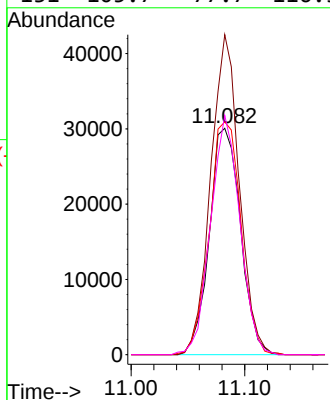
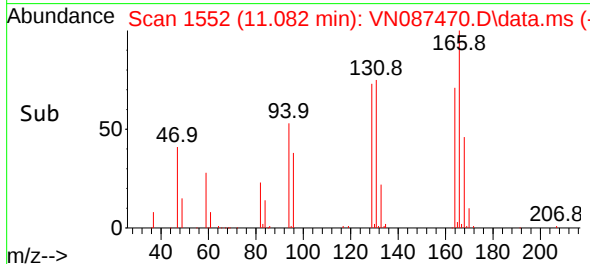
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



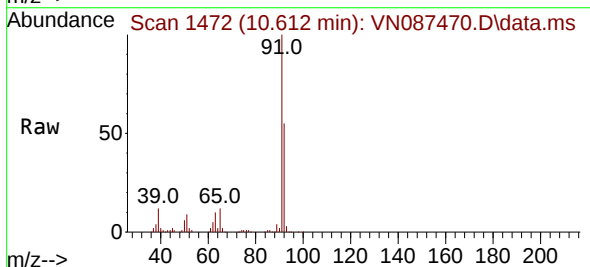
Tgt Ion:164 Resp: 5721
Ion Ratio Lower Upper
164 100
166 141.4 105.4 158.0
129 102.3 87.7 131.5
131 105.7 77.7 116.5

Manual Integrations
APPROVED

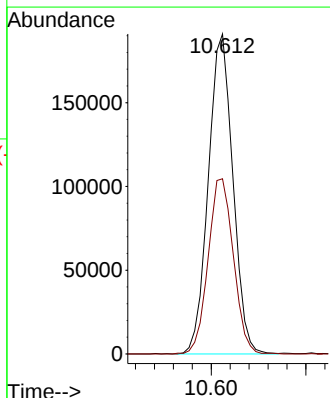
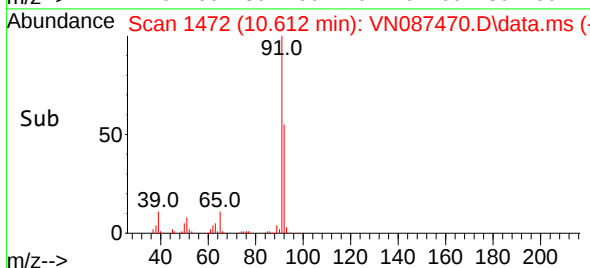
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

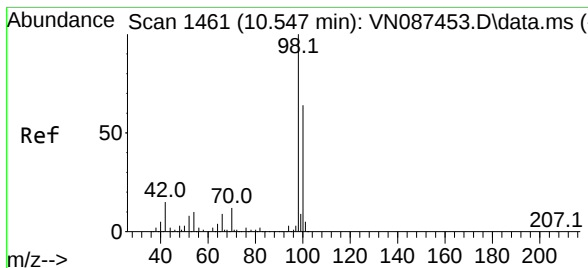


#62
Toluene
Concen: 18.046 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35



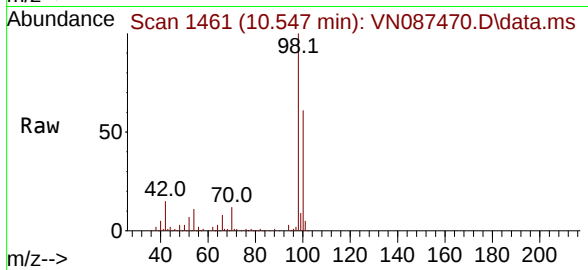
Tgt Ion: 91 Resp: 343935
Ion Ratio Lower Upper
91 100
92 56.4 45.8 68.6





#63
Toluene-d8
Concen: 31.479 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

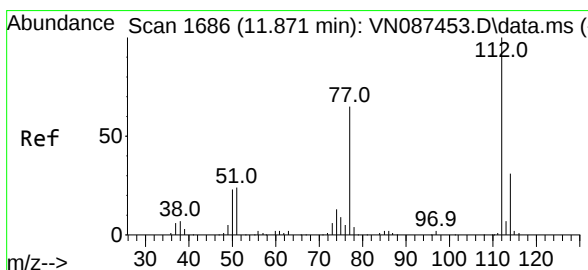
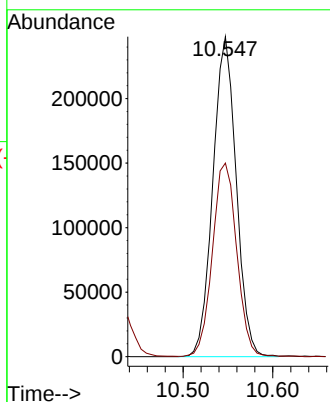
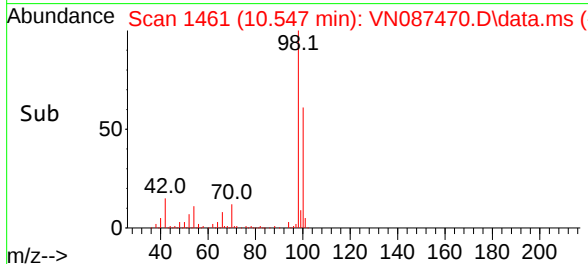
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



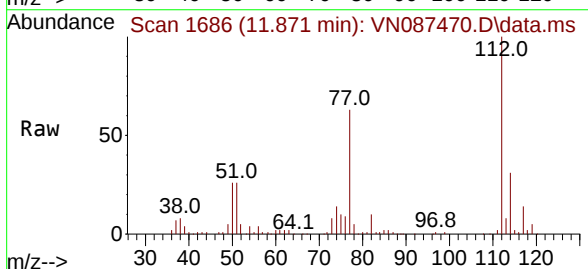
Tgt Ion: 98 Resp: 447269
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7

Manual Integrations
APPROVED

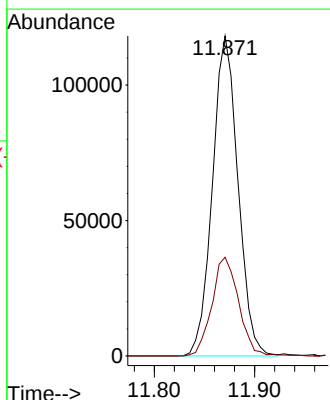
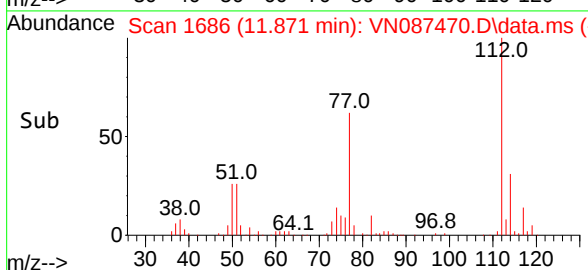
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

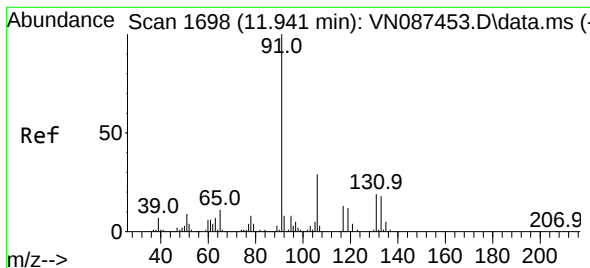


#64
Chlorobenzene
Concen: 17.849 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35



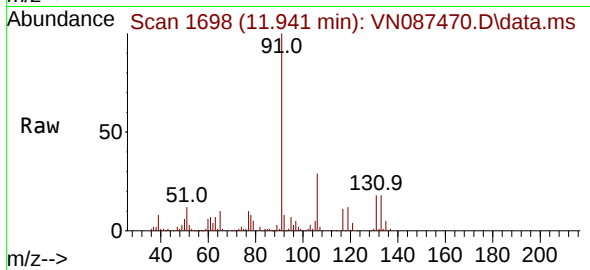
Tgt Ion:112 Resp: 209028
Ion Ratio Lower Upper
112 100
114 30.9 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 17.577 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

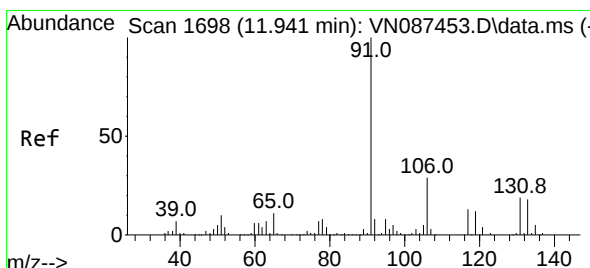
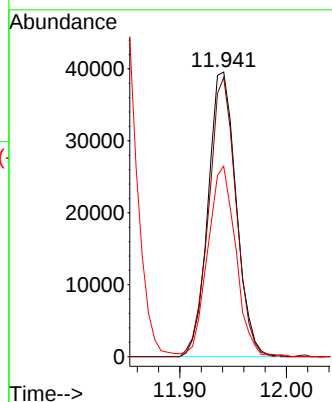
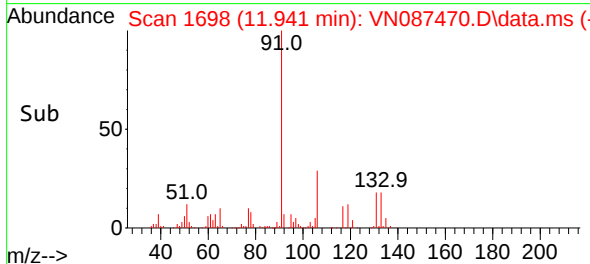
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion:131 Resp: 72374
Ion Ratio Lower Upper
131 100
133 96.1 0.0 189.8
119 66.6 0.0 133.2

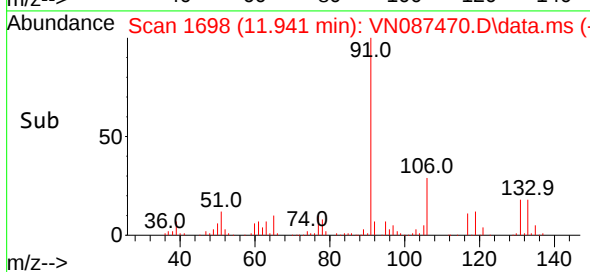
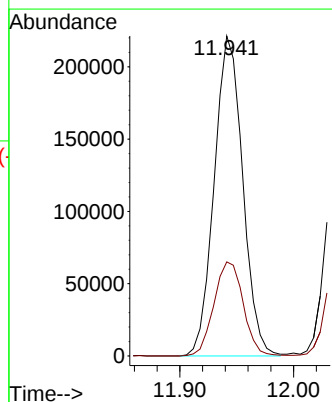
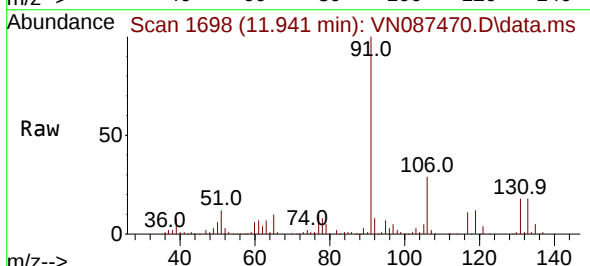
Manual Integrations
APPROVED

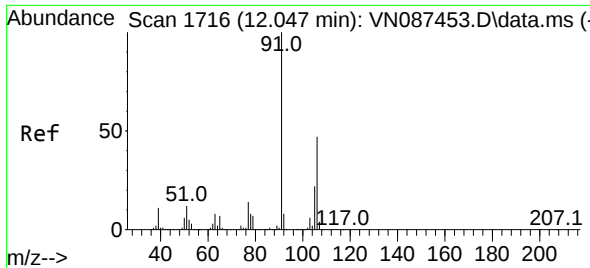
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#66
Ethyl Benzene
Concen: 18.147 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

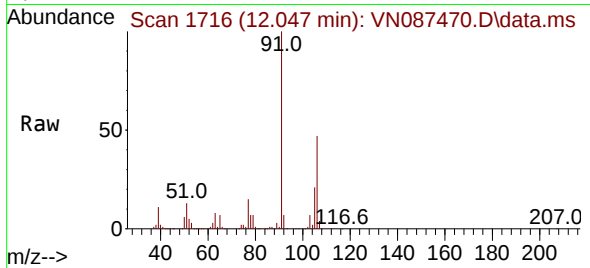
Tgt Ion: 91 Resp: 385481
Ion Ratio Lower Upper
91 100
106 29.4 22.9 34.3





#67
m/p-Xylenes
Concen: 36.538 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

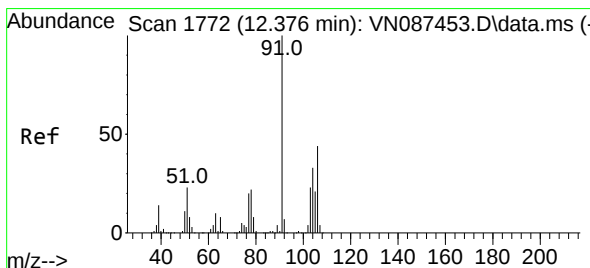
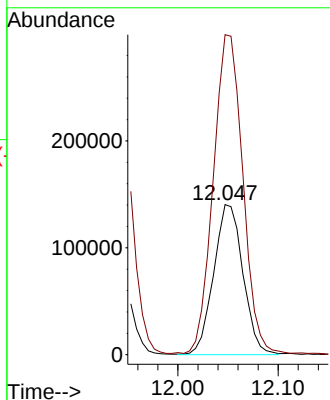
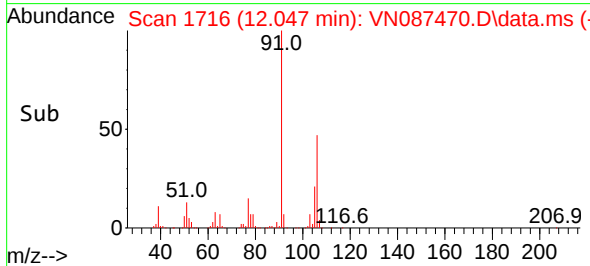
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion:106 Resp: 284904
Ion Ratio Lower Upper
106 100
91 215.6 174.2 261.2

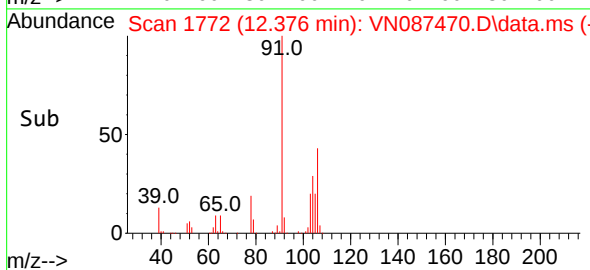
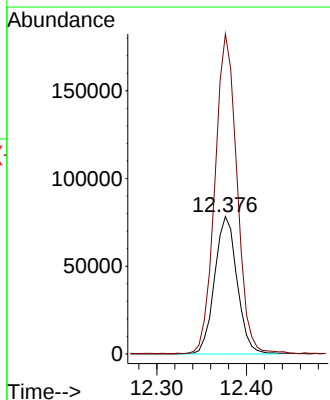
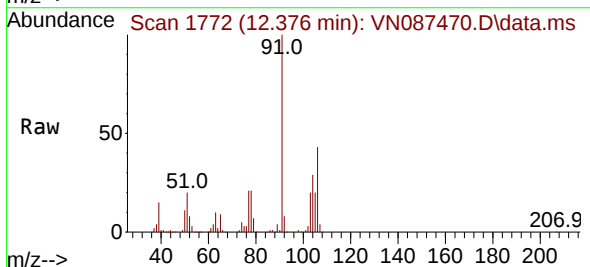
Manual Integrations
APPROVED

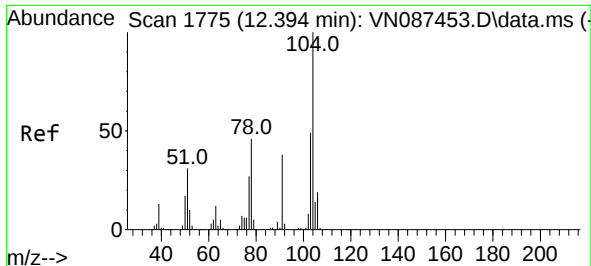
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#68
o-Xylene
Concen: 17.779 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

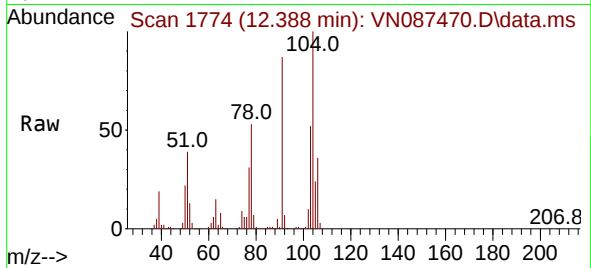
Tgt Ion:106 Resp: 136380
Ion Ratio Lower Upper
106 100
91 229.2 114.5 343.5





#69
Styrene
Concen: 17.568 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

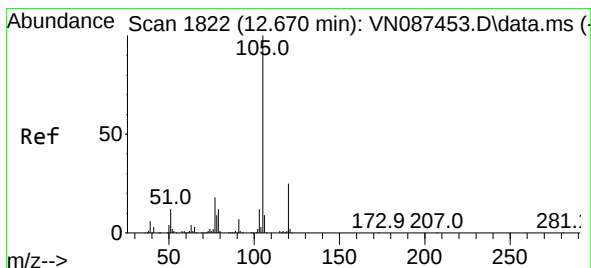
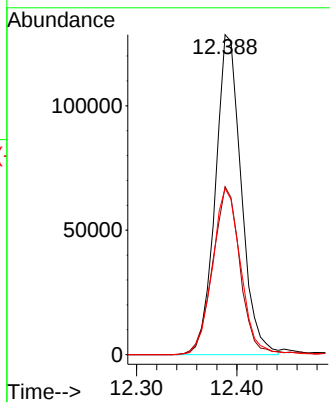
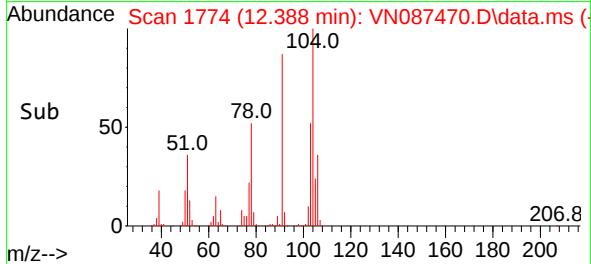
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion:104 Resp: 230109
Ion Ratio Lower Upper
104 100
78 55.7 43.8 65.8
103 56.4 43.1 64.7

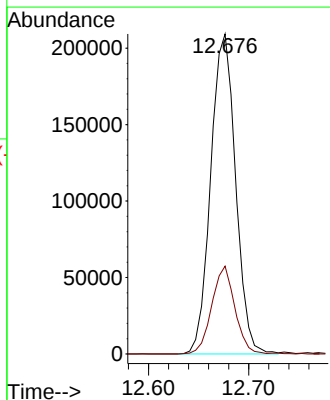
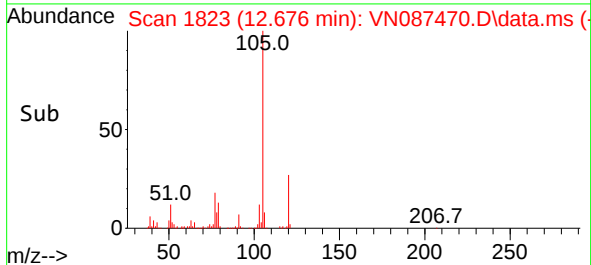
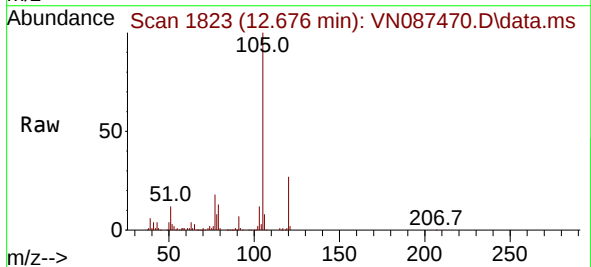
Manual Integrations
APPROVED

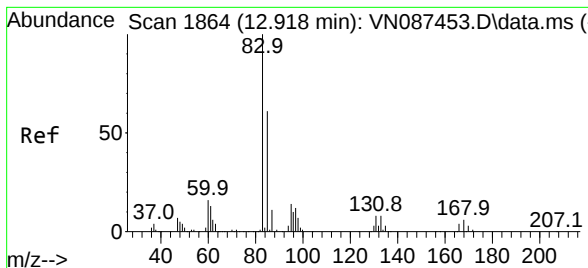
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#70
Isopropylbenzene
Concen: 18.504 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

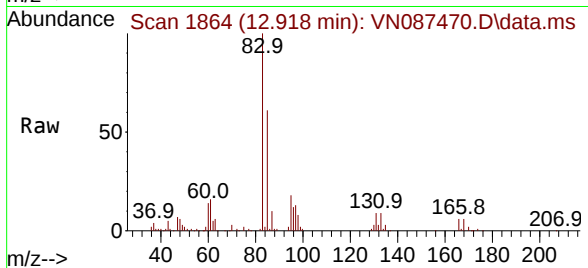
Tgt Ion:105 Resp: 360620
Ion Ratio Lower Upper
105 100
120 25.4 17.5 32.5





#71
1,1,2,2-Tetrachloroethane
Concen: 18.239 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

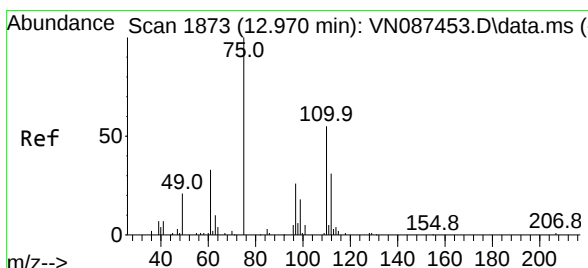
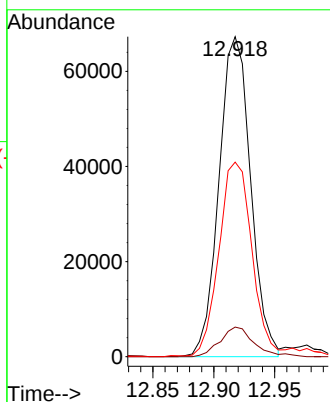
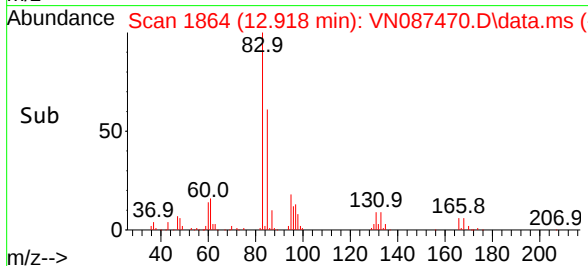
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



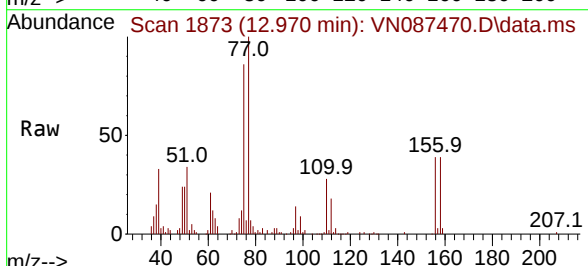
Tgt Ion: 83 Resp: 12179
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.3
85 63.2 31.7 95.1

Manual Integrations
APPROVED

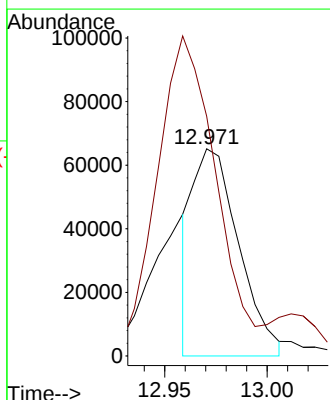
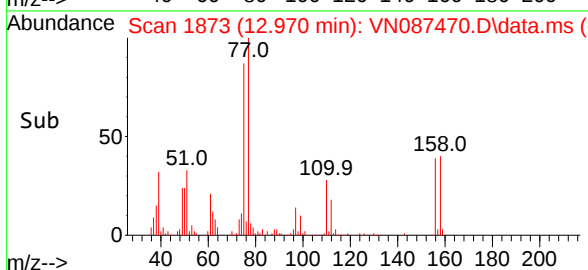
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

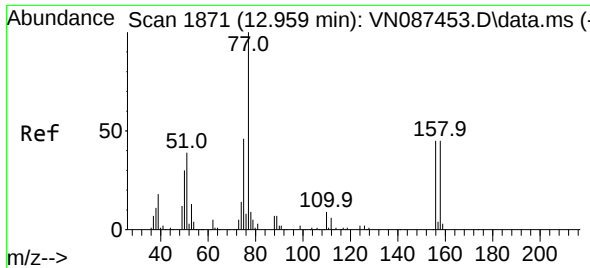


#72
1,2,3-Trichloropropane
Concen: 16.326 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35



Tgt Ion: 75 Resp: 101562
Ion Ratio Lower Upper
75 100
77 199.1 0.0 385.0





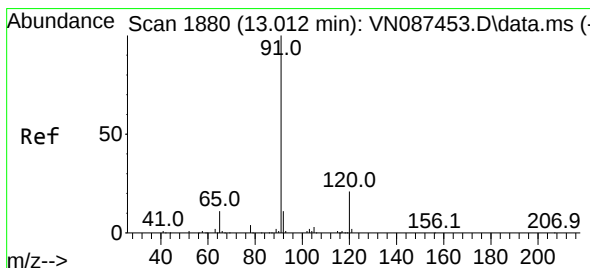
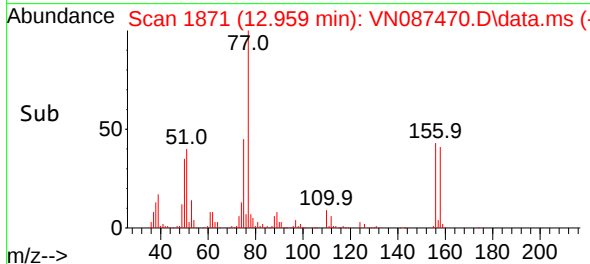
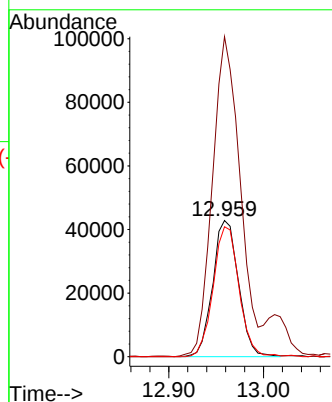
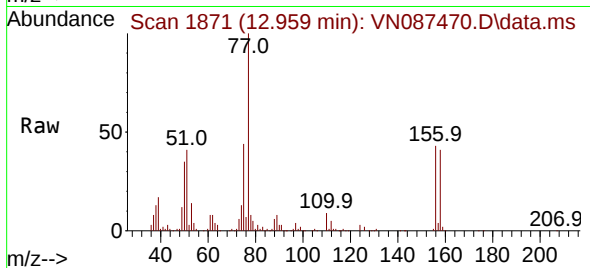
#73
Bromobenzene
Concen: 17.890 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02

Tgt Ion:156 Resp: 80824
Ion Ratio Lower Upper
156 100
77 250.1 0.0 506.6
158 95.0 0.0 193.6

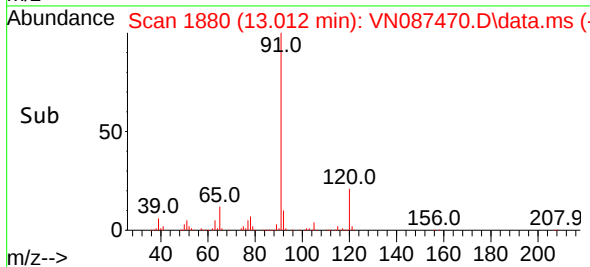
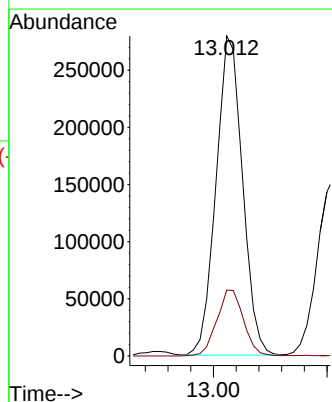
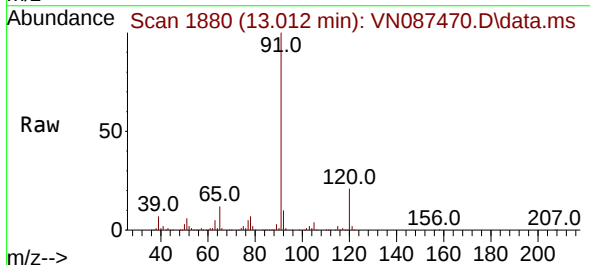
Manual Integrations
APPROVED

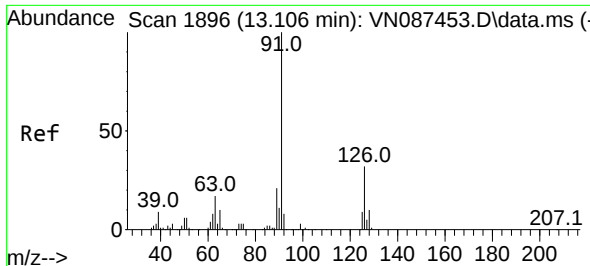
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#74
n-propylbenzene
Concen: 18.568 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

Tgt Ion: 91 Resp: 451926
Ion Ratio Lower Upper
91 100
120 20.8 0.0 41.8





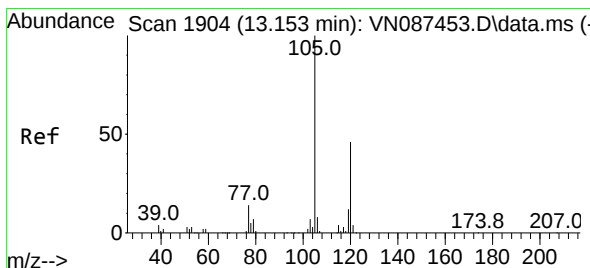
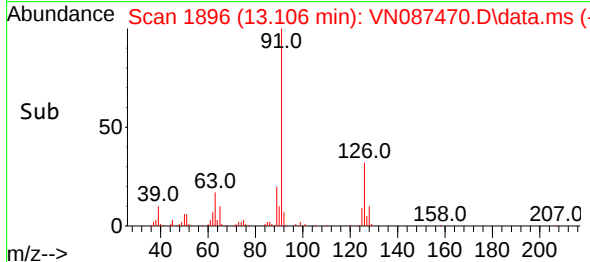
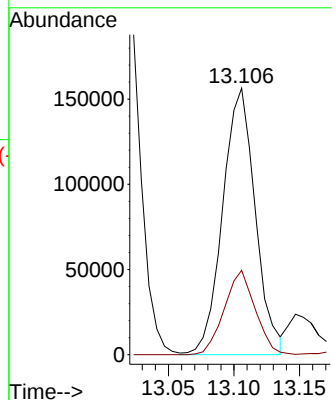
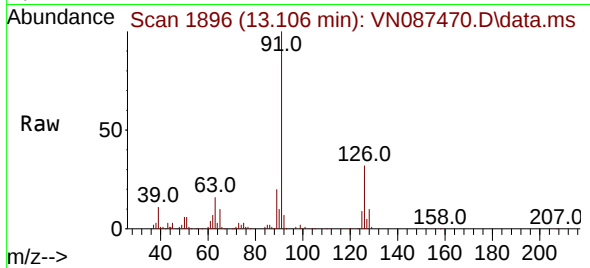
#75
2-Chlorotoluene
Concen: 18.068 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02

Tgt Ion: 91 Resp: 27051
Ion Ratio Lower Upper
91 100
126 30.0 0.0 60.4

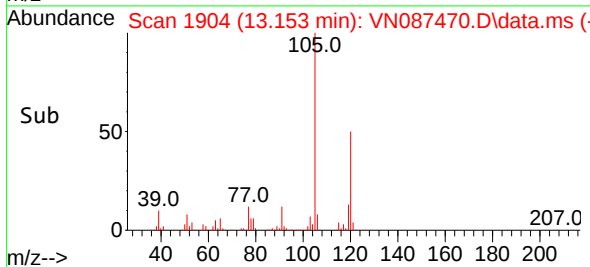
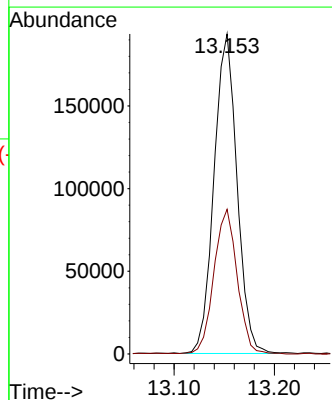
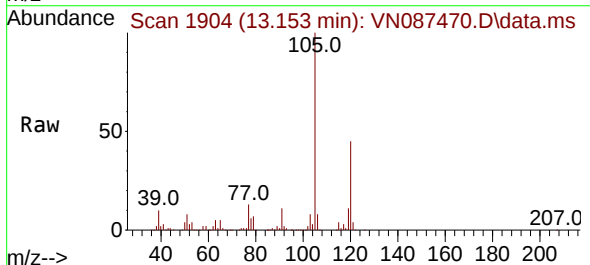
Manual Integrations
APPROVED

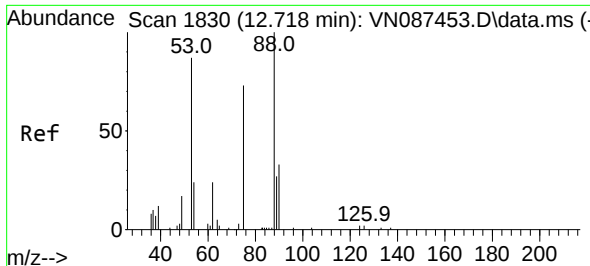
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.472 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

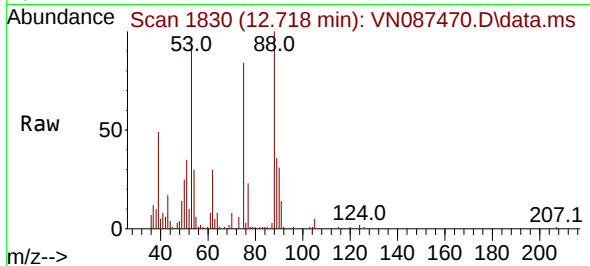
Tgt Ion:105 Resp: 308229
Ion Ratio Lower Upper
105 100
120 45.8 0.0 91.2





#77
t-1,4-Dichloro-2-butene
Concen: 16.023 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

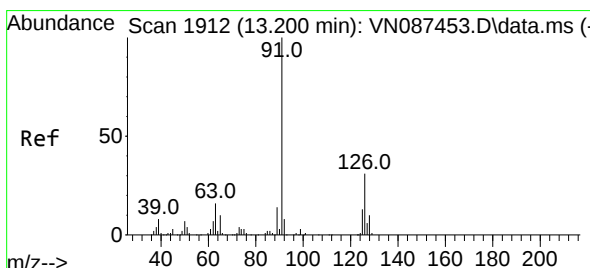
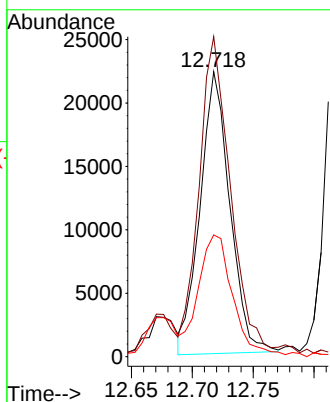
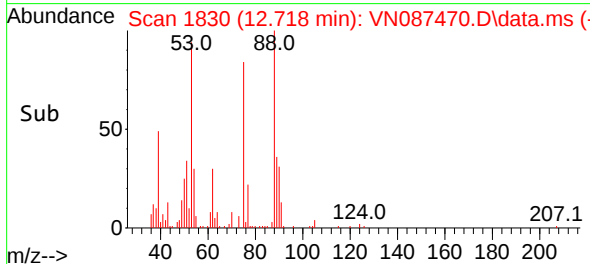
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion: 75 Resp: 3773
Ion Ratio Lower Upper
75 100
53 111.6 59.0 176.8
89 42.1 22.1 66.5

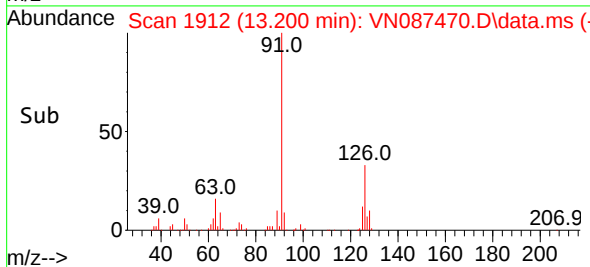
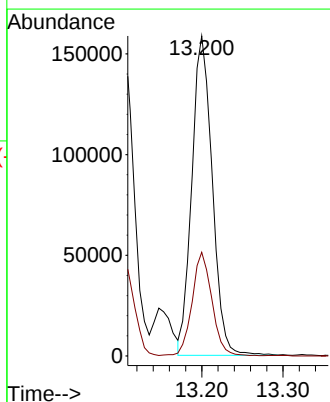
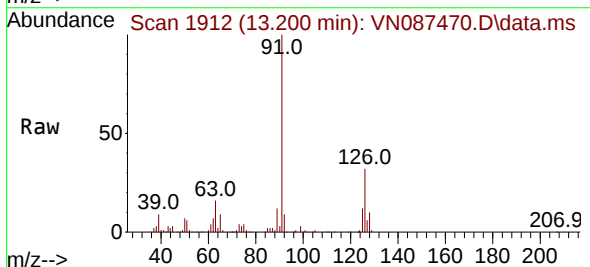
Manual Integrations
APPROVED

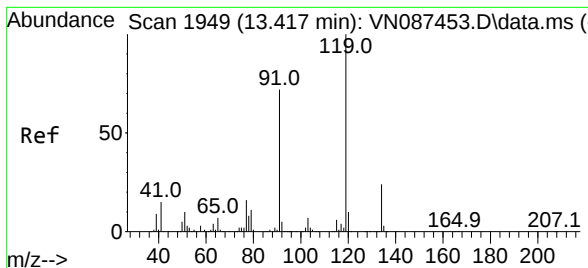
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#78
4-Chlorotoluene
Concen: 18.294 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

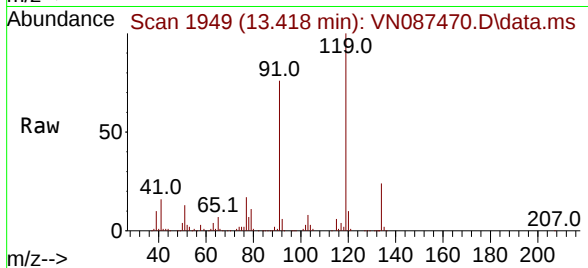
Tgt Ion: 91 Resp: 277561
Ion Ratio Lower Upper
91 100
126 31.3 0.0 63.2





#79
tert-butylbenzene
Concen: 18.355 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

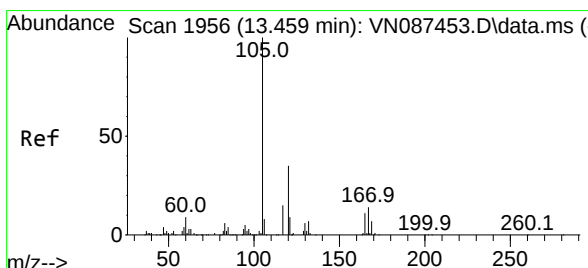
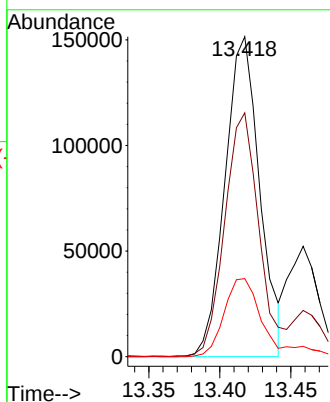
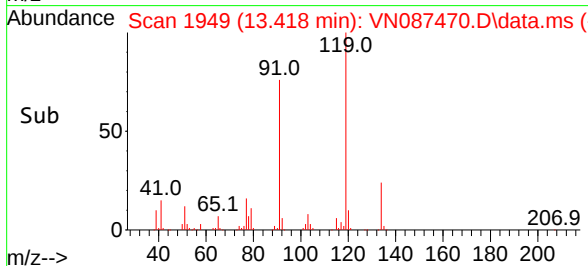
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



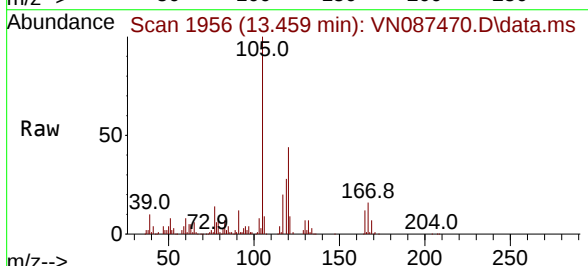
Tgt Ion:119 Resp: 25824
Ion Ratio Lower Upper
119 100
91 75.5 0.0 141.6
134 24.8 0.0 45.6

Manual Integrations
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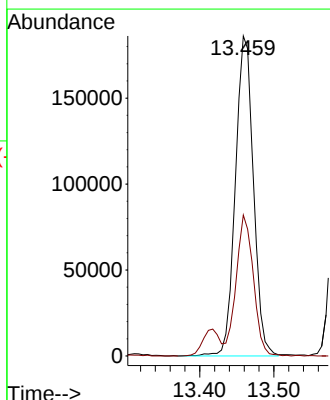
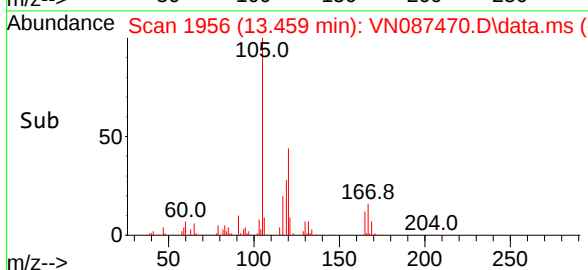
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

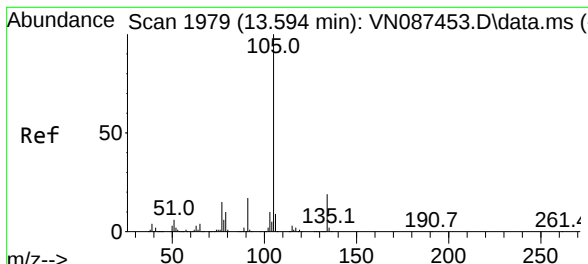


#80
1,2,4-Trimethylbenzene
Concen: 18.869 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35



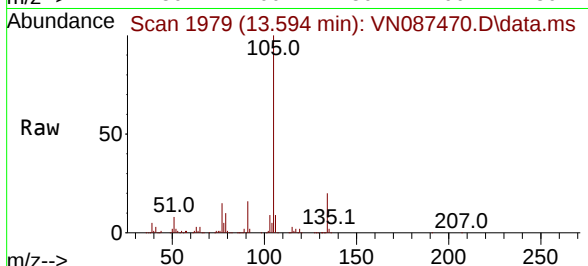
Tgt Ion:105 Resp: 314617
Ion Ratio Lower Upper
105 100
120 42.4 0.0 87.2





#81
 sec-Butylbenzene
 Concen: 19.307 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087470.D
 Acq: 06 Aug 2025 10:35

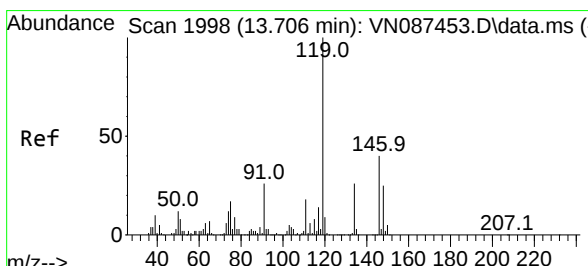
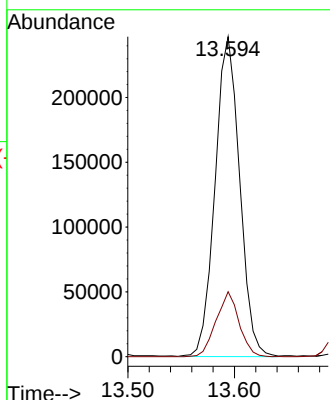
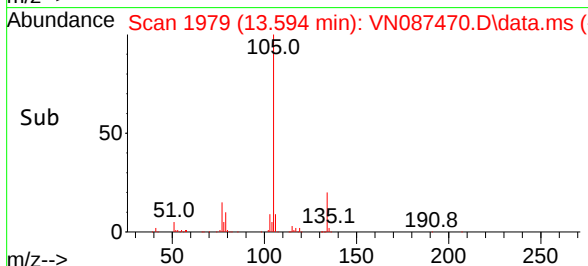
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS02



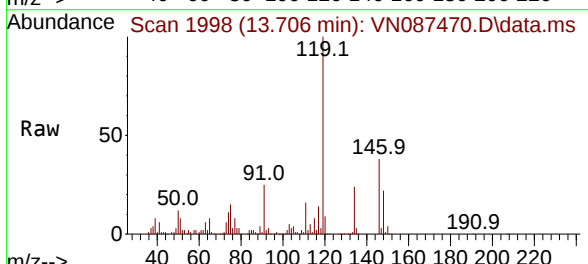
Tgt Ion:105 Resp: 39544
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 37.6

Manual Integrations
 APPROVED

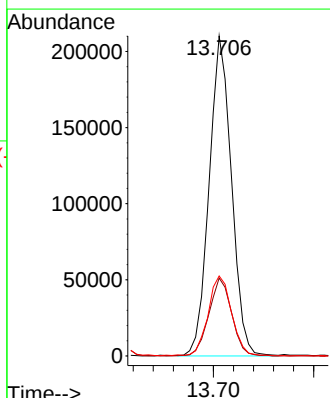
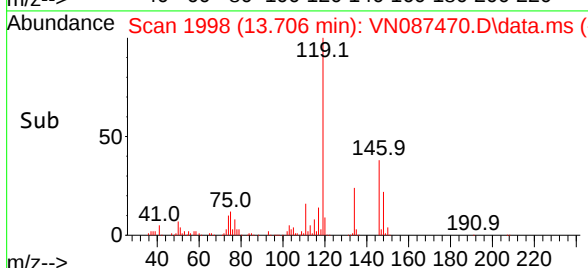
Reviewed By :John Carlone 08/07/2025
 Supervised By :Mahesh Dadoda 08/07/2025

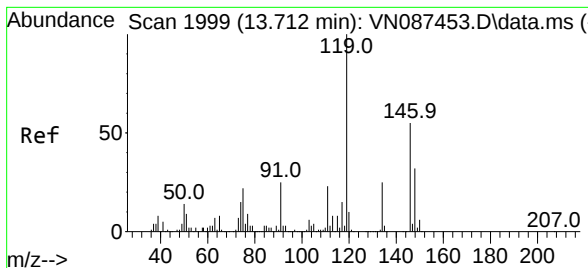


#82
 p-Isopropyltoluene
 Concen: 19.127 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087470.D
 Acq: 06 Aug 2025 10:35



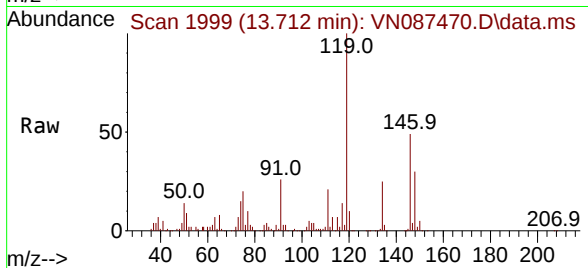
Tgt Ion:119 Resp: 325270
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 51.4
 91 26.1 0.0 52.0





#83
1,3-Dichlorobenzene
Concen: 18.188 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

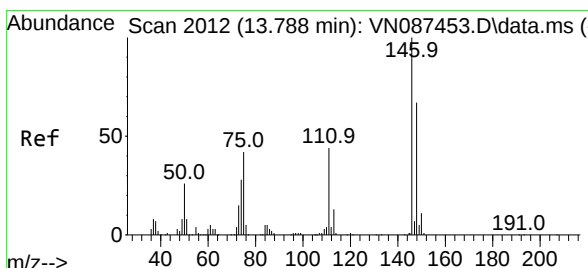
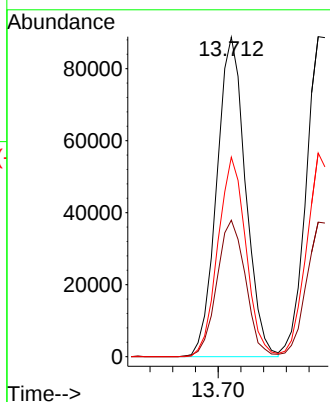
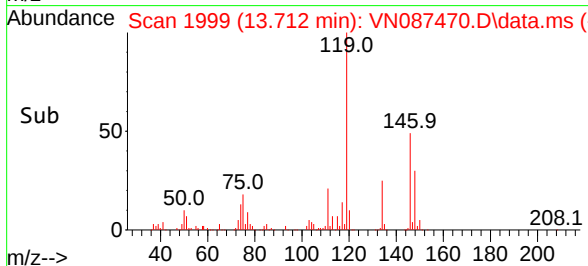
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



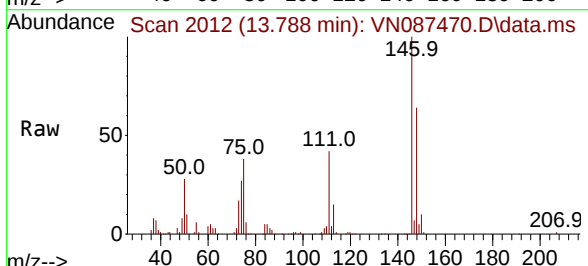
Tgt Ion:146 Resp: 156470
Ion Ratio Lower Upper
146 100
111 42.6 21.9 65.5
148 60.7 31.3 93.9

Manual Integrations
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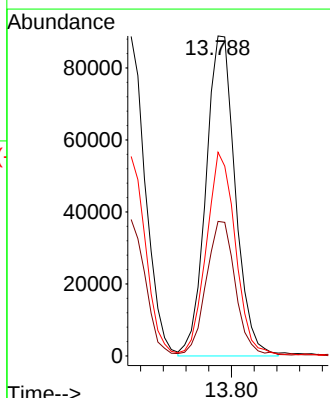
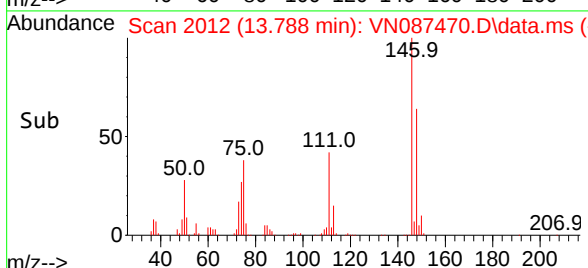
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

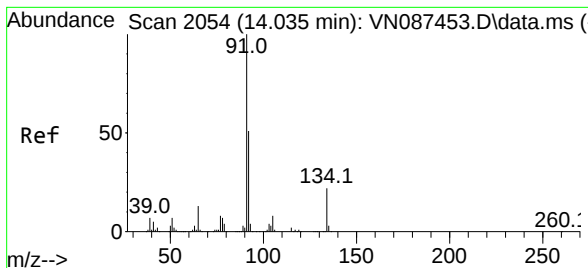


#84
1,4-Dichlorobenzene
Concen: 18.333 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35



Tgt Ion:146 Resp: 159901
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.1
148 63.3 31.4 94.3





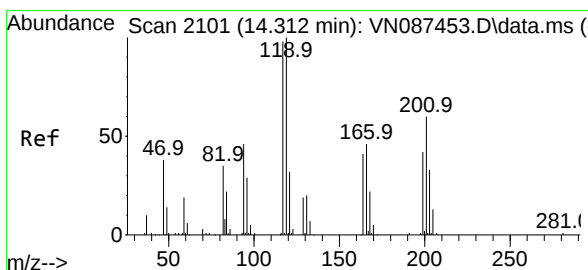
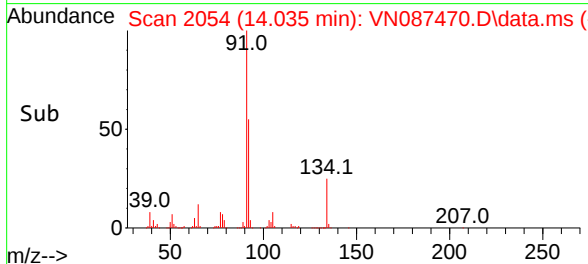
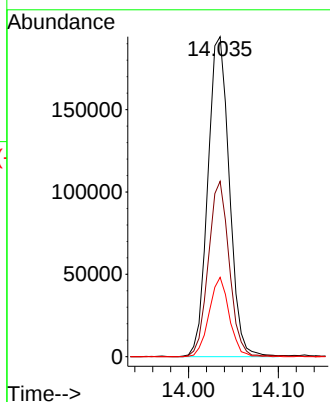
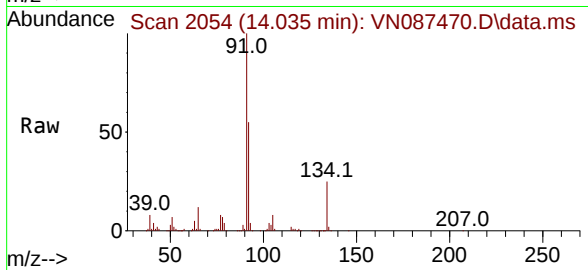
#85
n-Butylbenzene
Concen: 19.434 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02

Tgt Ion: 91 Resp: 323344
Ion Ratio Lower Upper
91 100
92 53.1 0.0 106.6
134 23.2 0.0 44.4

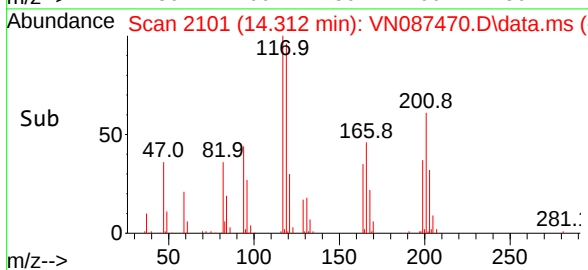
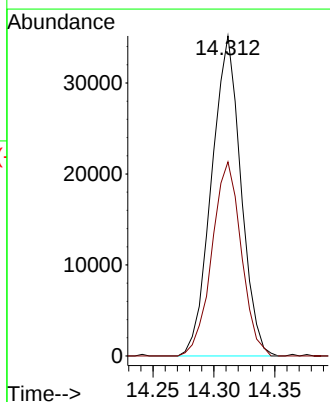
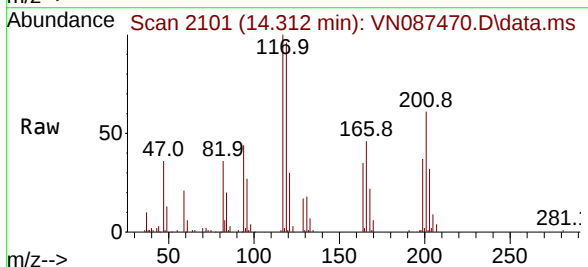
Manual Integrations
APPROVED

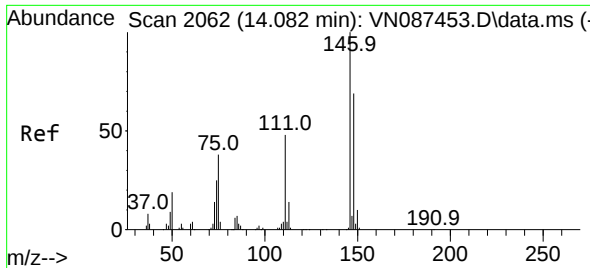
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#86
Hexachloroethane
Concen: 17.727 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

Tgt Ion:117 Resp: 58870
Ion Ratio Lower Upper
117 100
201 60.8 29.1 87.4





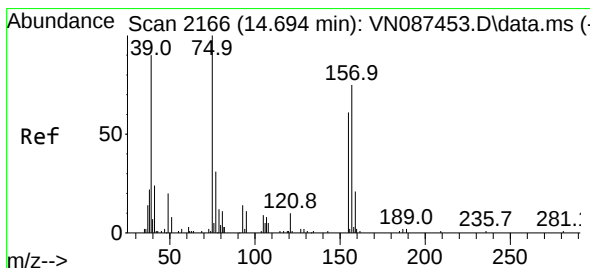
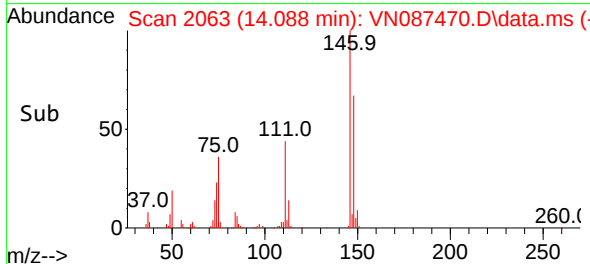
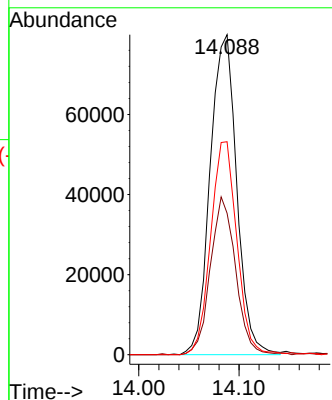
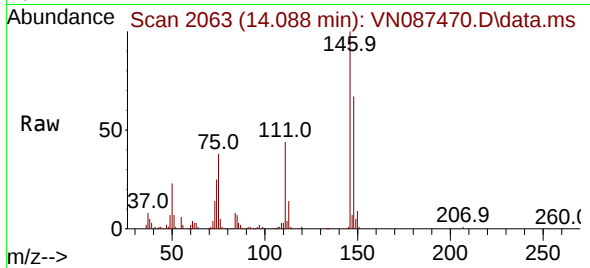
#87
1,2-Dichlorobenzene
Concen: 17.929 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02

Tgt Ion:146 Resp: 14723
Ion Ratio Lower Upper
146 100
111 46.6 22.9 68.7
148 65.6 31.6 94.7

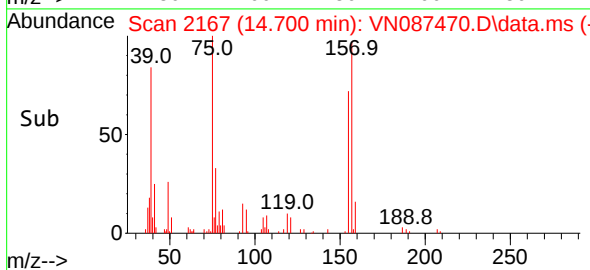
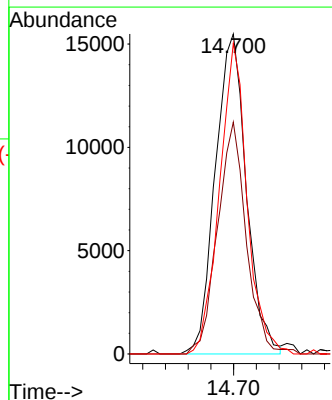
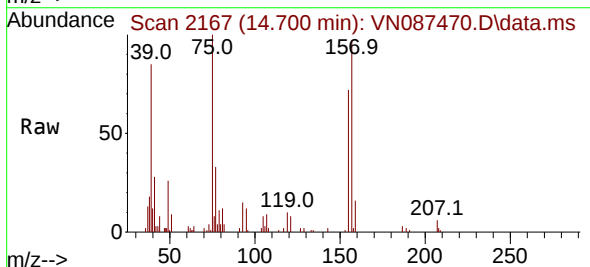
Manual Integrations
APPROVED

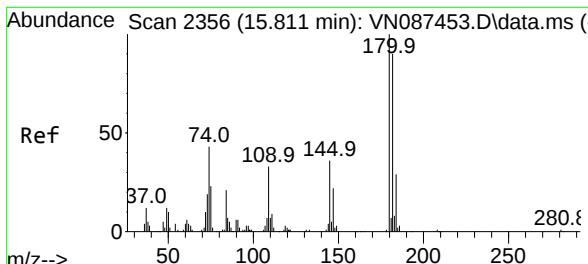
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.387 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

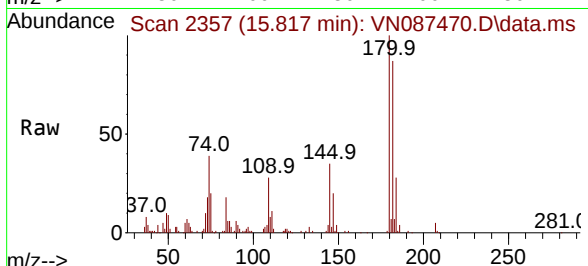
Tgt Ion: 75 Resp: 29412
Ion Ratio Lower Upper
75 100
155 66.6 55.7 83.5
157 86.5 65.8 98.6





#89
1,2,4-Trichlorobenzene
Concen: 17.844 ug/l
RT: 15.817 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

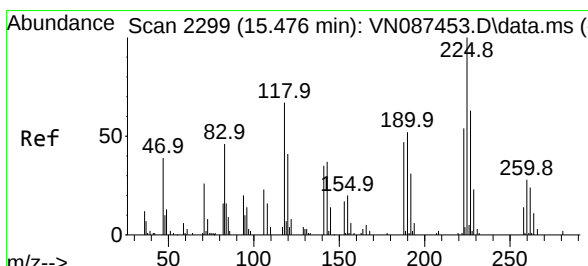
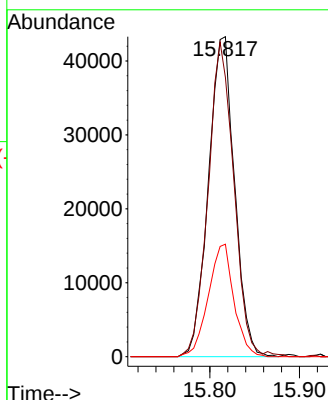
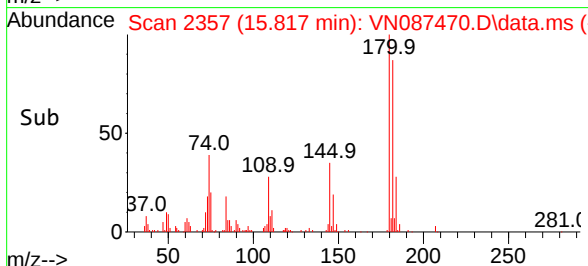
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



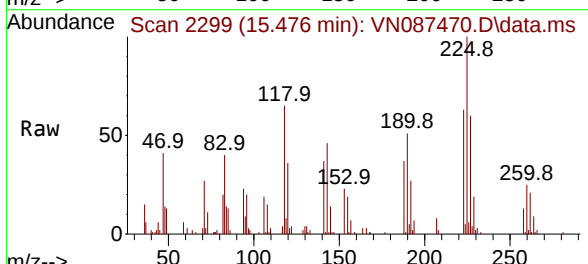
Tgt Ion:180 Resp: 8757
Ion Ratio Lower Upper
180 100
182 96.0 75.0 112.4
145 34.4 28.6 43.0

Manual Integrations
APPROVED

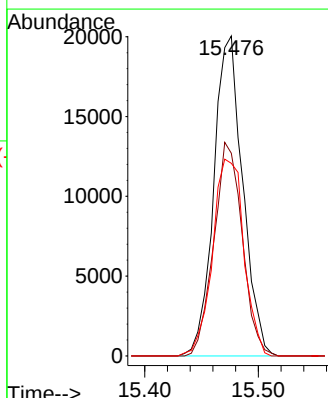
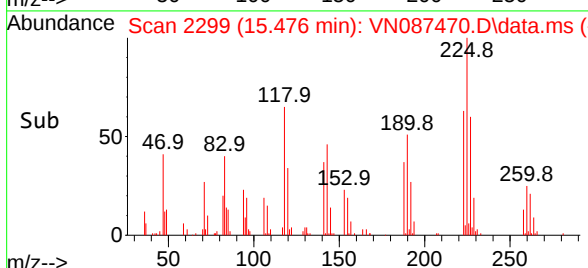
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

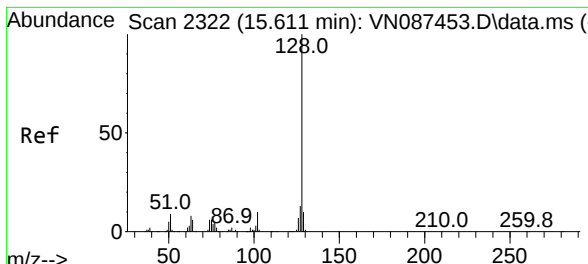


#90
Hexachlorobutadiene
Concen: 18.608 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35



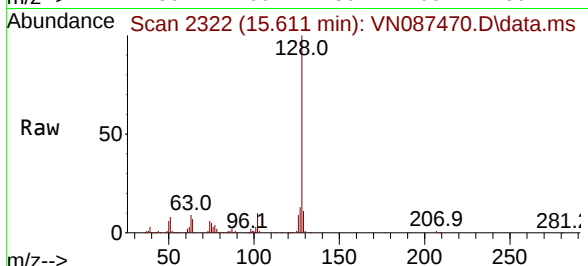
Tgt Ion:225 Resp: 35511
Ion Ratio Lower Upper
225 100
223 65.6 0.0 116.0
227 66.4 0.0 127.0





#91
Naphthalene
Concen: 17.828 ug/l
RT: 15.611 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

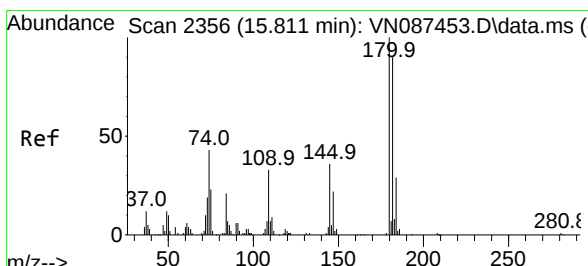
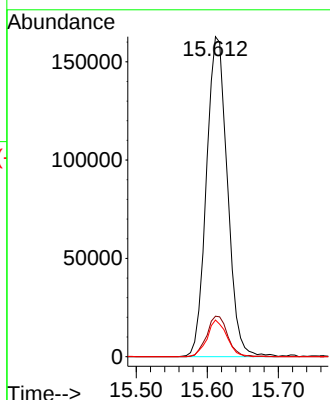
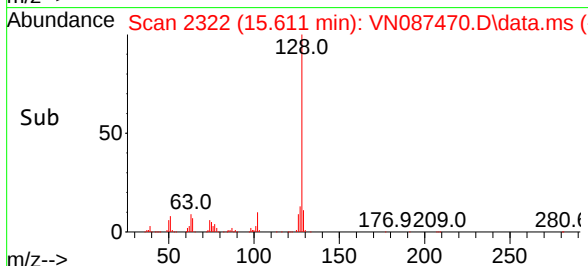
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS02



Tgt Ion:128 Resp: 333624
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#92
1,2,3-Trichlorobenzene
Concen: 17.844 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087470.D
Acq: 06 Aug 2025 10:35

Tgt Ion:180 Resp: 87575
Ion Ratio Lower Upper
180 100
182 96.0 0.0 187.4
145 34.4 0.0 71.6

