

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
 Data File : VN087164.D
 Acq On : 25 Jun 2025 09:41
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2025
 Supervised By : Mahesh Dadoda 06/26/2025

Quant Time: Jun 25 10:41:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:38:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	36297	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	191792	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	183711	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	80238	32.174	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 107.233%		
60) 4-Bromofluorobenzene	12.847	95	86398	29.954	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 99.833%		
63) Toluene-d8	10.565	98	241406	28.629	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 95.433%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	105036	42.607	ug/l	97
3) Chloromethane	2.395	50	108859	34.249	ug/l	98
4) Vinyl Chloride	2.554	62	116298	39.759	ug/l	95
5) Bromomethane	2.995	94	59883	38.638	ug/l	94
6) Chloroethane	3.154	64	62900	35.158	ug/l	97
7) Trichlorofluoromethane	3.530	101	144121	42.068	ug/l	99
8) Diethyl Ether	3.983	74	70868	49.590	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.401	101	108149	51.509	ug/l #	88
10) 1,1-Dichloroethene	4.365	96	107618	50.276	ug/l	95
11) Methyl Iodide	4.612	142	104934	41.585	ug/l	91
12) Methyl Acetate	5.042	43	172834	72.704	ug/l	97
13) Acrolein	4.201	56	122967	500.718	ug/l	100
14) Acrylonitrile	5.736	53	406413	367.380	ug/l	98
15) Acetone	4.448	58	116774	416.908	ug/l	94
16) Carbon Disulfide	4.742	76	310088	49.627	ug/l	100
17) Allyl chloride	5.048	41	180781	56.849	ug/l	97
18) Methylene Chloride	5.300	84	124740	50.180	ug/l	98
19) trans-1,2-Dichloroethene	5.812	96	118244	52.785	ug/l	94
20) Diisopropyl ether	6.689	45	395621	56.488	ug/l	95
21) 1,1-Dichloroethane	6.583	63	225376	53.322	ug/l	99
22) cis-1,2-Dichloroethene	7.500	96	143629	52.945	ug/l	97
23) tert-Butyl Alcohol	5.536	59	152814	430.162	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	385760	54.681	ug/l	98
25) Chloroform	7.971	83	221377	53.512	ug/l	98
26) Cyclohexane	8.265	56	193421	52.874	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	160517	56.923	ug/l	98
30) 2-Butanone	7.489	43	546757	442.524	ug/l	99
31) 2,2-Dichloropropane	7.500	77	190958	57.368	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	185977	56.894	ug/l	99
33) Carbon Tetrachloride	8.371	117	153386	54.893	ug/l	97
34) Benzene	8.612	78	503072	54.830	ug/l	98
35) Methacrylonitrile	7.789	41	109229	76.961	ug/l	95
36) 1,2-Dichloroethane	8.677	62	161947	60.234	ug/l	97
37) Trichloroethene	9.359	130	112377	44.156	ug/l	89
38) Methylcyclohexane	9.606	83	170475	54.486	ug/l	98
39) 1,2-Dichloropropane	9.624	63	117960	53.402	ug/l	96
40) Dibromomethane	9.712	93	82459	57.075	ug/l	99
41) Bromodichloromethane	9.888	83	167016	55.227	ug/l	99
42) Vinyl Acetate	6.618	43	1770137	491.503	ug/l	99

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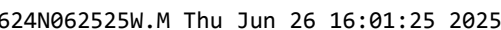
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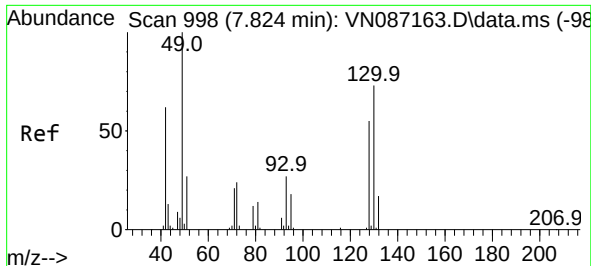
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	209283	82.779	ug/l	98
44) Isopropyl Acetate	8.694	43	318572	73.455	ug/l	97
45) 1,4-Dioxane	9.700	88	42097	1092.072	ug/l	90
46) Methyl methacrylate	9.683	41	142798	71.407	ug/l	95
47) n-amyl Acetate	12.518	43	180529	51.850	ug/l #	100
48) t-1,3-Dichloropropene	10.835	75	196045	60.579	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	193737	54.427	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	120146	59.045	ug/l	98
51) Ethyl methacrylate	10.882	69	196419	59.603	ug/l	98
52) 1,3-Dichloropropane	11.165	76	208157	57.643	ug/l	98
53) Dibromochloromethane	11.359	129	128273	55.785	ug/l	98
54) 1,2-Dibromoethane	11.471	107	122070	58.689	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	502611	317.734	ug/l	100
56) Bromoform	12.576	173	86503	59.706	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	987570	366.357	ug/l	100
59) 2-Hexanone	11.200	43	673308	348.700	ug/l	97
61) Tetrachloroethene	11.106	164	92124	29.832	ug/l	96
62) Toluene	10.630	91	526581	50.894	ug/l	99
64) Chlorobenzene	11.894	112	338627	51.320	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	111613	51.489	ug/l	98
66) Ethyl Benzene	11.965	91	589779	52.700	ug/l	99
67) m/p-Xylenes	12.071	106	454250	103.437	ug/l	99
68) o-Xylene	12.400	106	217114	51.013	ug/l	99
69) Styrene	12.412	104	379767	53.558	ug/l	99
70) Isopropylbenzene	12.694	105	547639	54.100	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	194527	80.826	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	161650m	57.309	ug/l	
73) Bromobenzene	12.982	156	130892	52.023	ug/l	98
74) n-propylbenzene	13.035	91	680365	56.743	ug/l	99
75) 2-Chlorotoluene	13.123	91	403198	52.390	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	458902	54.494	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	75763	65.634	ug/l	98
78) 4-Chlorotoluene	13.218	91	420022	55.095	ug/l	99
79) tert-butylbenzene	13.435	119	389222	53.458	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	466397	55.177	ug/l	98
81) sec-Butylbenzene	13.612	105	564906	56.952	ug/l	99
82) p-Isopropyltoluene	13.729	119	469774	56.404	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	257282	55.740	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	260975	56.816	ug/l	99
85) n-Butylbenzene	14.053	91	438545	62.894	ug/l	99
86) Hexachloroethane	14.329	117	86176	60.709	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	246553	55.373	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	43840	86.500	ug/l	92
89) 1,2,4-Trichlorobenzene	15.835	180	127450	68.396	ug/l	97
90) Hexachlorobutadiene	15.494	225	40360	50.535	ug/l	97
91) Naphthalene	15.635	128	528628	81.307	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	127450	68.396	ug/l	97

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

Manual Integrations

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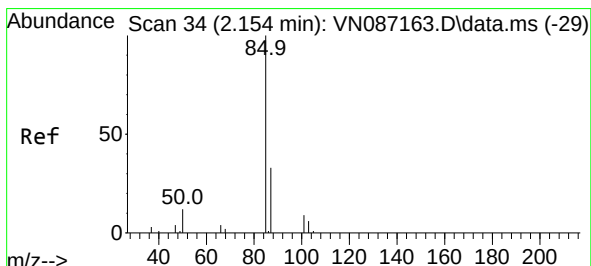
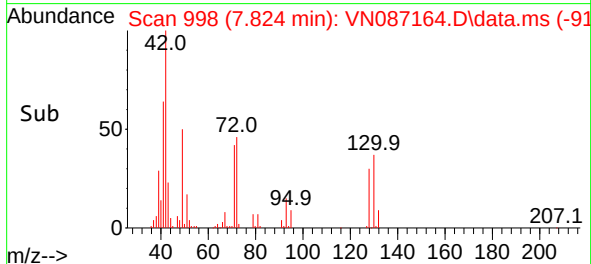
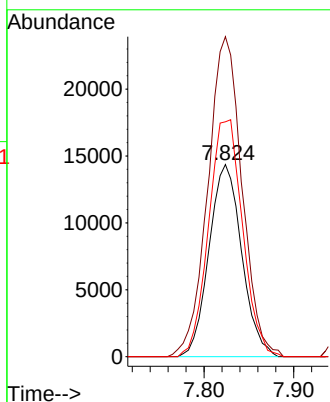
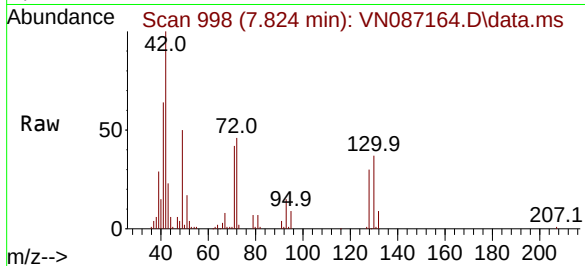
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

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ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 3629
Ion Ratio Lower Upper
128 100
49 174.2 0.0 450.5
130 128.5 0.0 320.7

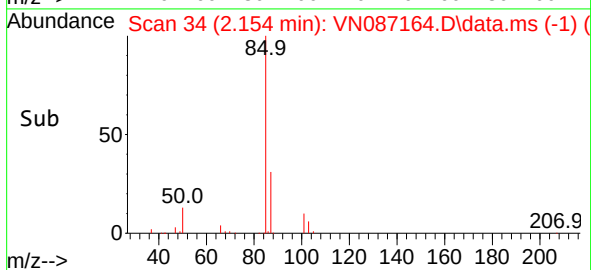
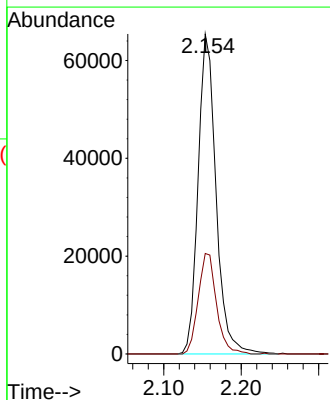
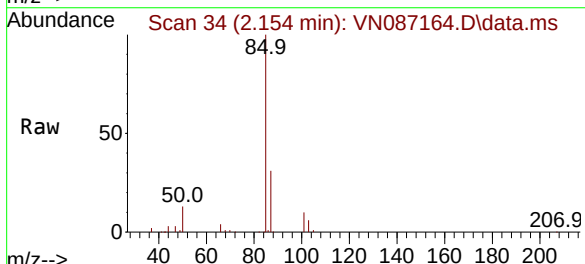
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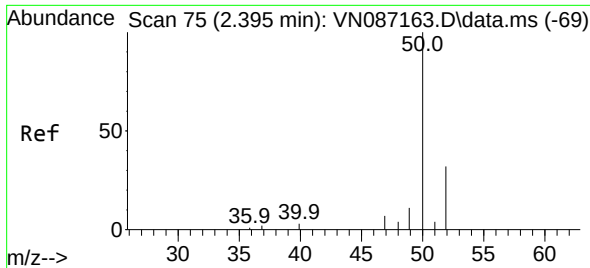
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#2
Dichlorodifluoromethane
Concen: 42.607 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Tgt Ion: 85 Resp: 105036
Ion Ratio Lower Upper
85 100
87 31.4 16.7 50.0





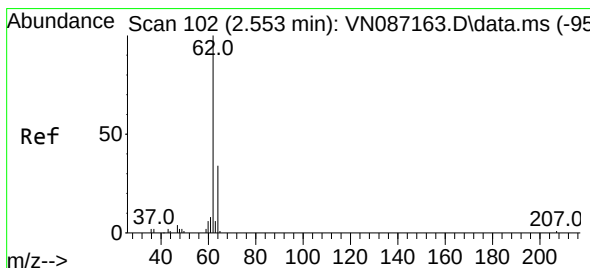
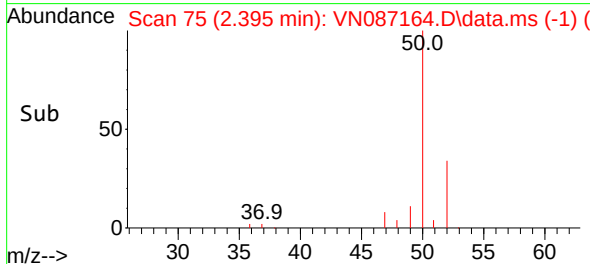
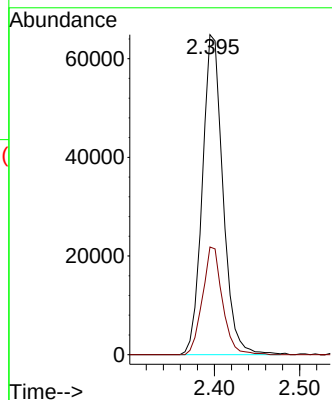
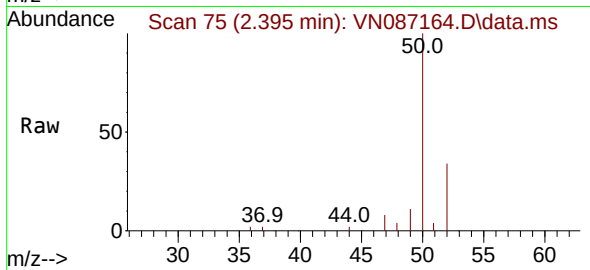
#3
Chloromethane
Concen: 34.249 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 50 Resp: 10885
Ion Ratio Lower Upper
50 100
52 33.7 25.9 38.9

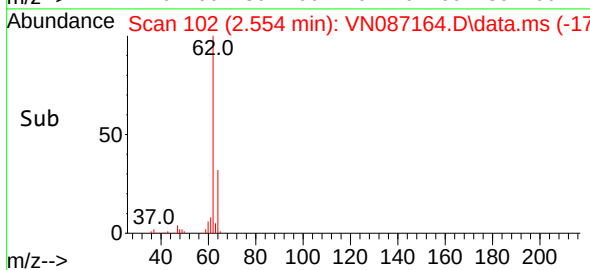
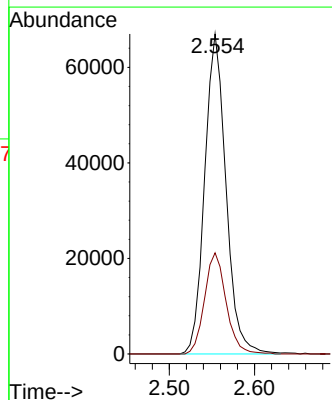
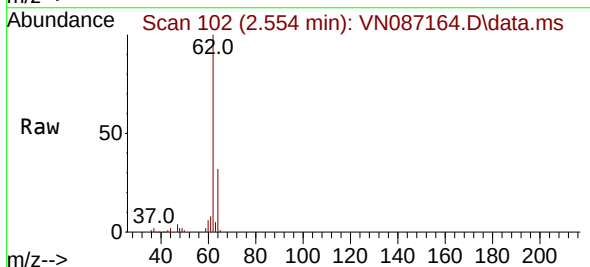
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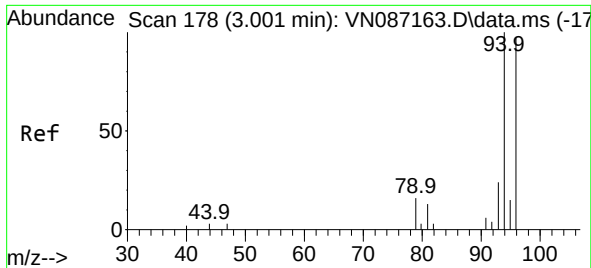
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#4
Vinyl Chloride
Concen: 39.759 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Tgt Ion: 62 Resp: 116298
Ion Ratio Lower Upper
62 100
64 31.6 27.4 41.2





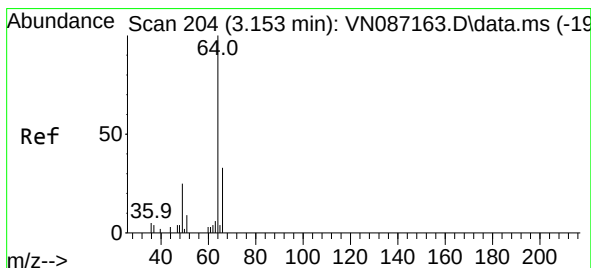
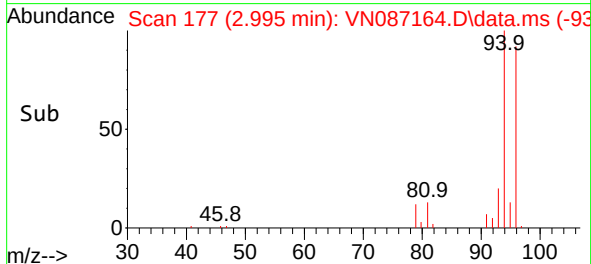
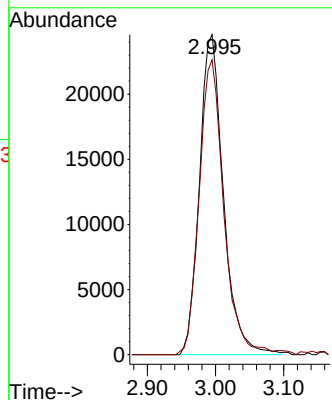
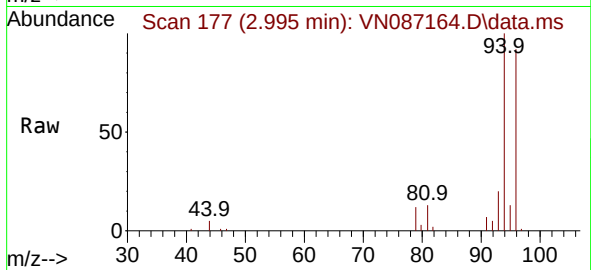
#5
Bromomethane
Concen: 38.638 ug/l
RT: 2.995 min Scan# 178
Delta R.T. -0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Instrument :
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Tgt Ion: 94 Resp: 5988
Ion Ratio Lower Upper
94 100
96 91.1 77.9 116.9

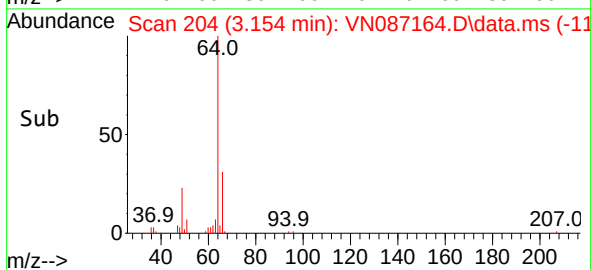
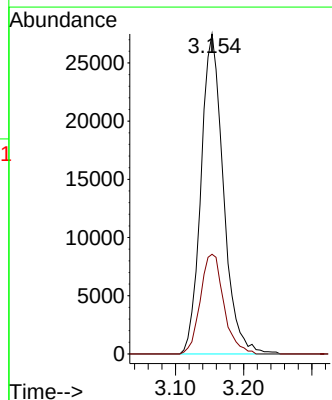
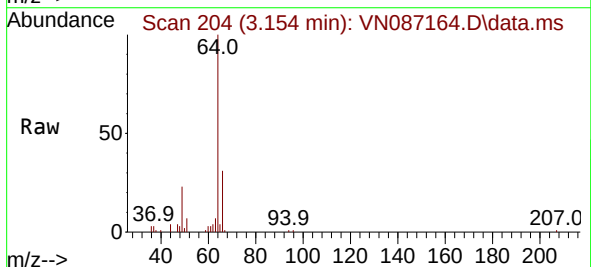
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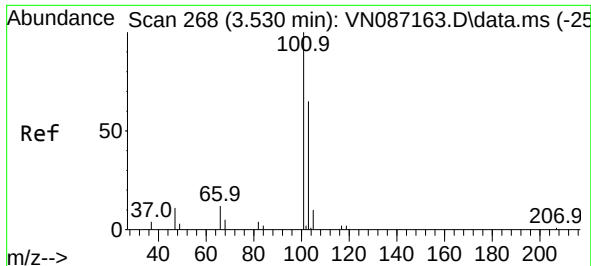
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#6
Chloroethane
Concen: 35.158 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

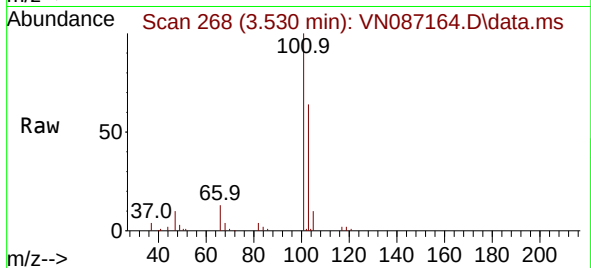
Tgt Ion: 64 Resp: 62900
Ion Ratio Lower Upper
64 100
66 31.2 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 42.068 ug/l
 RT: 3.530 min Scan# 268
 Delta R.T. 0.000 min
 Lab File: VN087164.D
 Acq: 25 Jun 2025 09:41

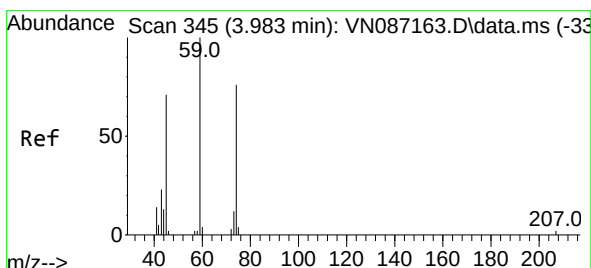
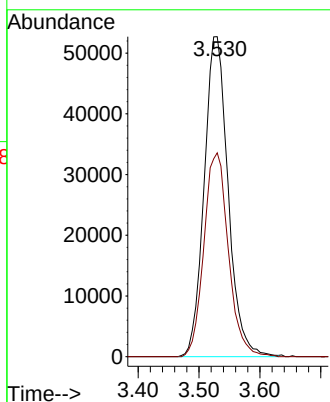
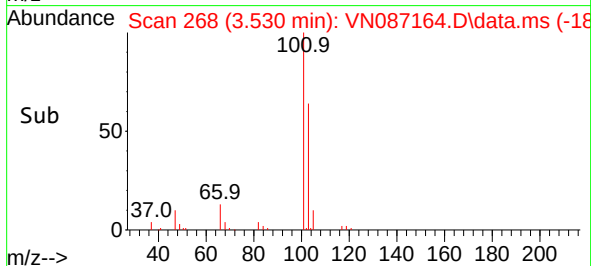
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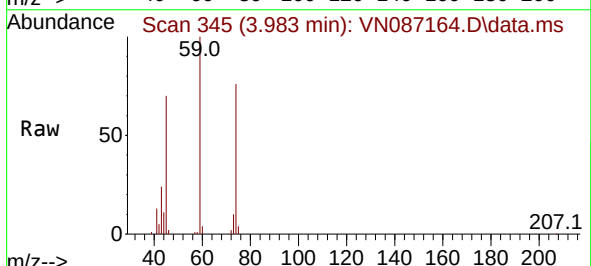
Tgt Ion: 101 Resp: 14412
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.8 77.8

Manual Integrations
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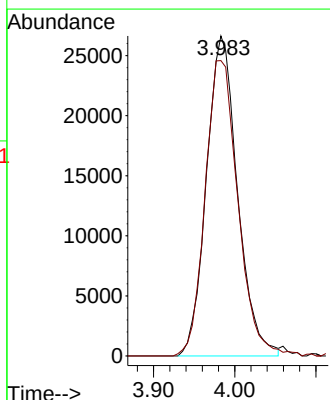
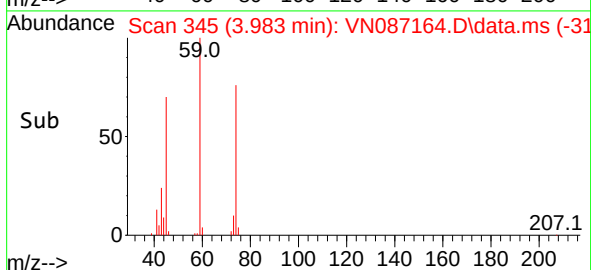
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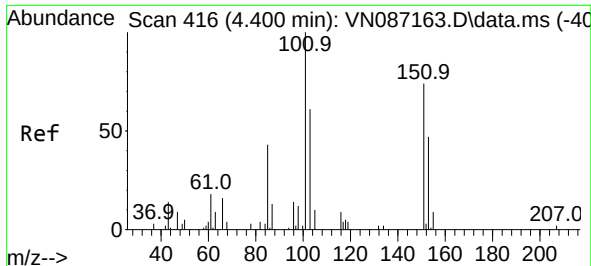


#8
 Diethyl Ether
 Concen: 49.590 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.000 min
 Lab File: VN087164.D
 Acq: 25 Jun 2025 09:41



Tgt Ion: 74 Resp: 70868
 Ion Ratio Lower Upper
 74 100
 45 96.9 19.0 171.0





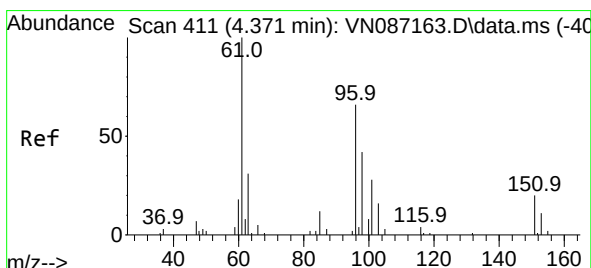
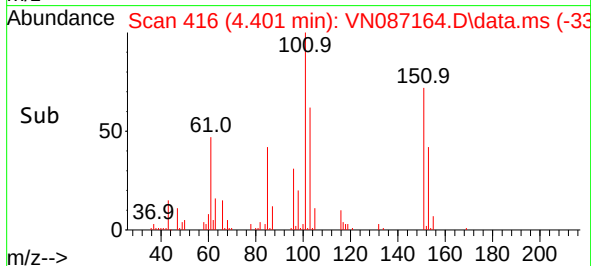
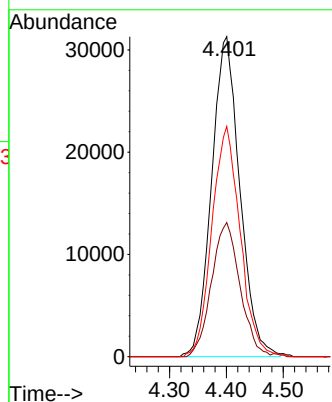
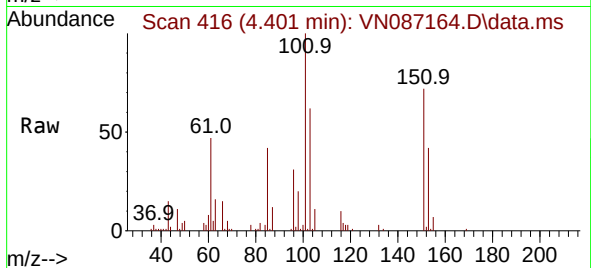
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1,1,2-Trichlorotrifluoroethane
Concen: 51.509 ug/l
RT: 4.401 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC050

Tgt Ion: 101 Resp: 108149
Ion Ratio Lower Upper
101 100
85 42.2 0.0 40.6
151 71.9 0.0 141.2

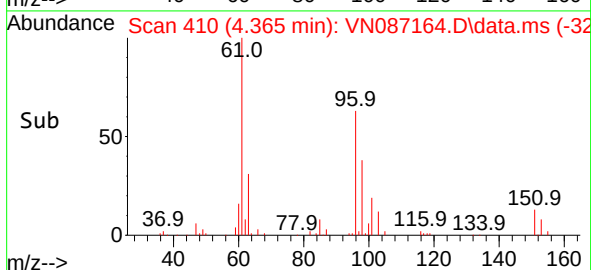
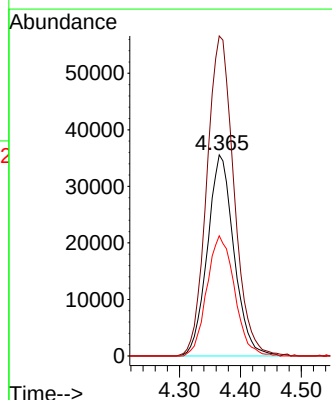
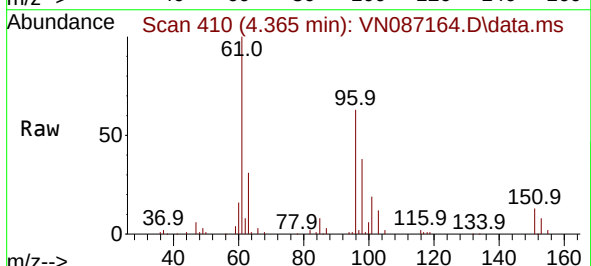
Manual Integrations
APPROVED

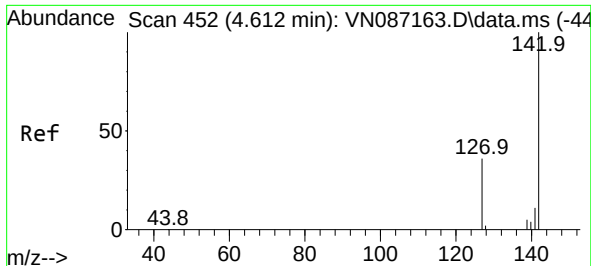
Reviewed By : John Carlone 06/25/2025
Supervised By : Mahesh Dadoda 06/26/2025



#10
1,1-Dichloroethene
Concen: 50.276 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

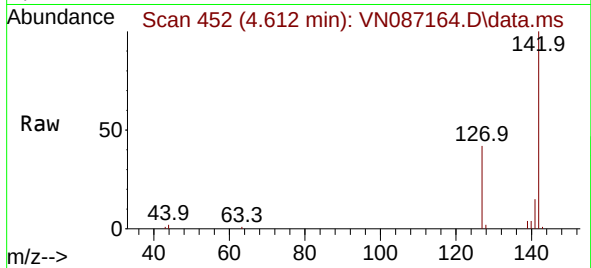
Tgt Ion: 96 Resp: 107618
Ion Ratio Lower Upper
96 100
61 158.6 122.0 183.0
98 59.8 50.3 75.5





#11
Methyl Iodide
Concen: 41.585 ug/l
RT: 4.612 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

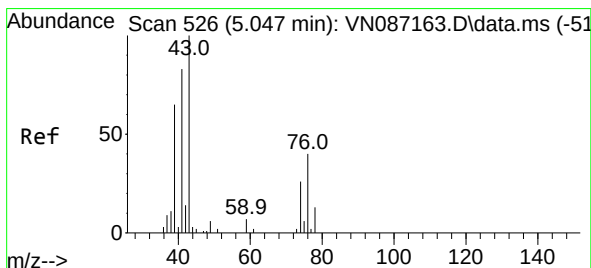
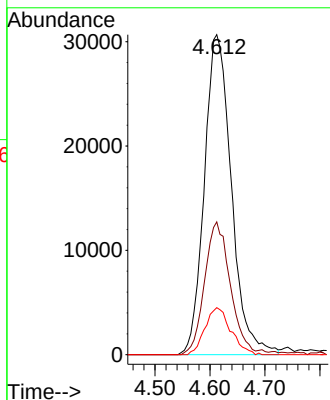
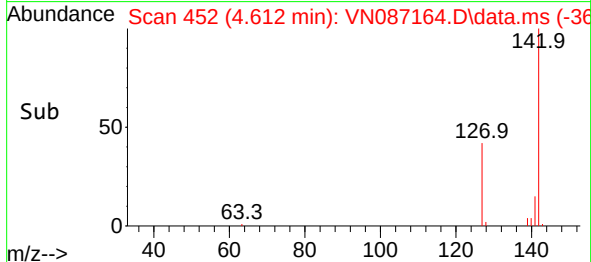
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 104934
Ion Ratio Lower Upper
142 100
127 41.5 18.1 54.1
141 14.8 5.7 17.1

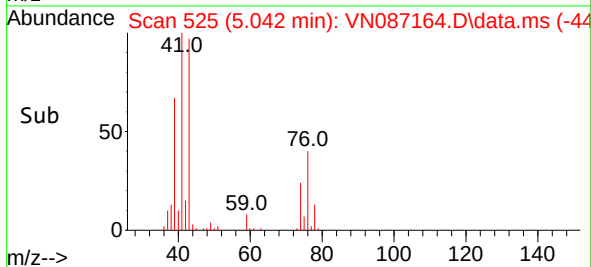
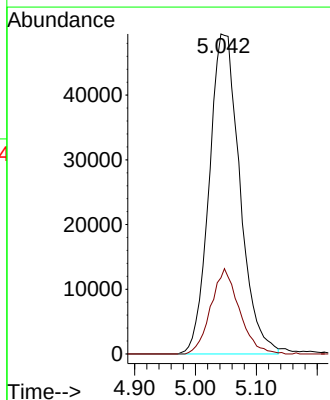
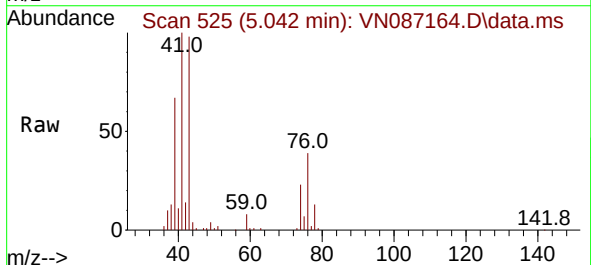
Manual Integrations
APPROVED

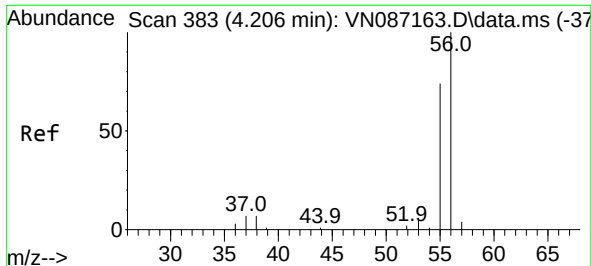
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#12
Methyl Acetate
Concen: 72.704 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

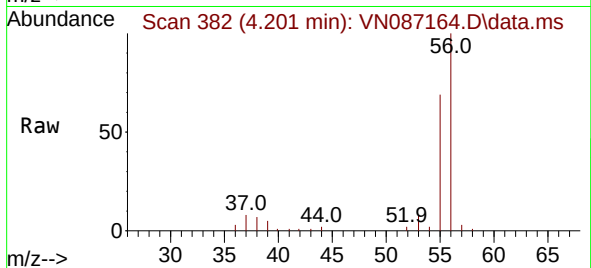
Tgt Ion: 43 Resp: 172834
Ion Ratio Lower Upper
43 100
74 23.8 20.3 30.5





#13
Acrolein
Concen: 500.718 ug/l
RT: 4.201 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

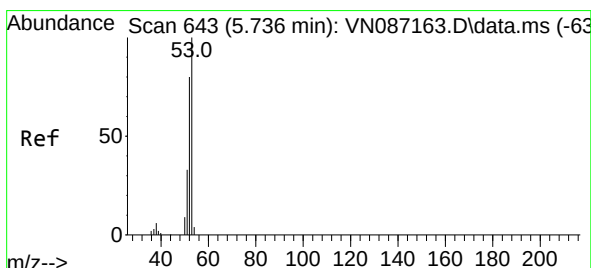
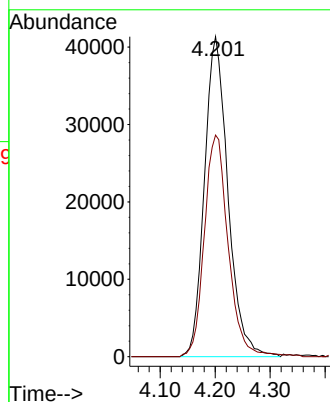
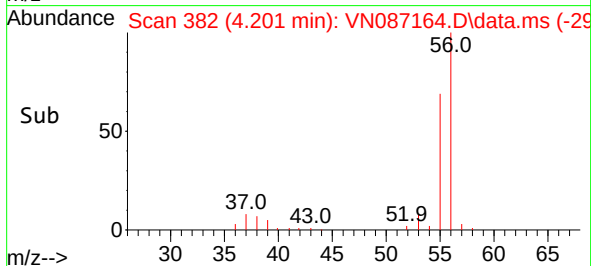
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 56 Resp: 12296
Ion Ratio Lower Upper
56 100
55 69.5 55.7 83.5

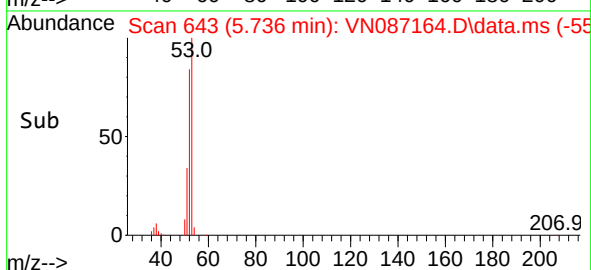
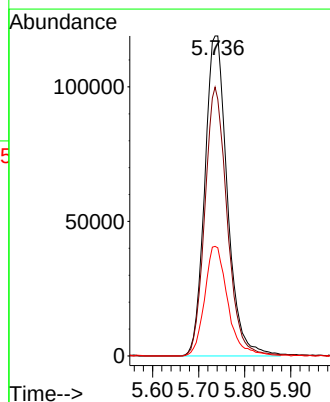
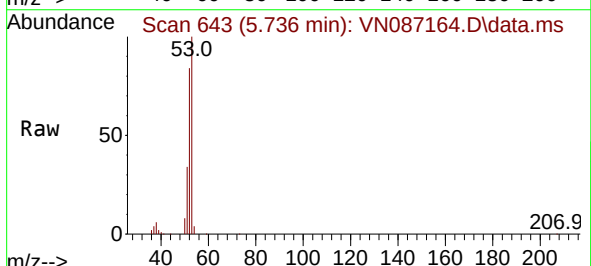
Manual Integrations
APPROVED

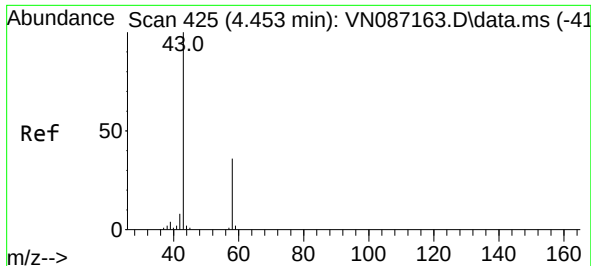
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#14
Acrylonitrile
Concen: 367.380 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

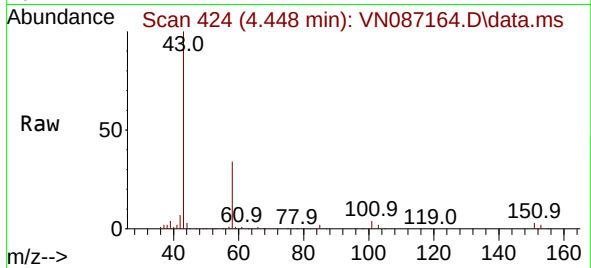
Tgt Ion: 53 Resp: 406413
Ion Ratio Lower Upper
53 100
52 82.6 40.5 121.5
51 35.0 16.9 50.7





#15
Acetone
Concen: 416.908 ug/l
RT: 4.448 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

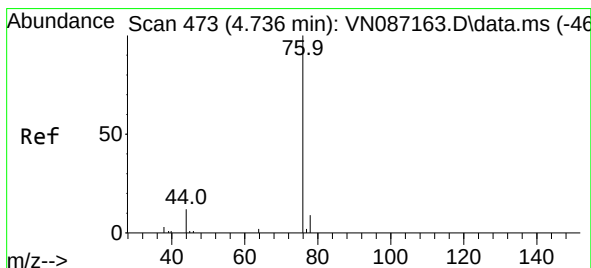
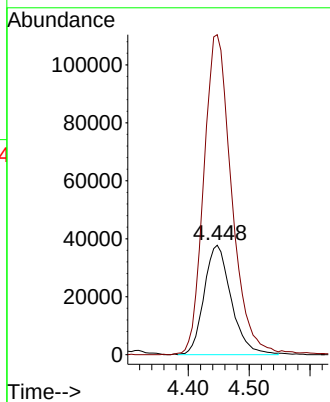
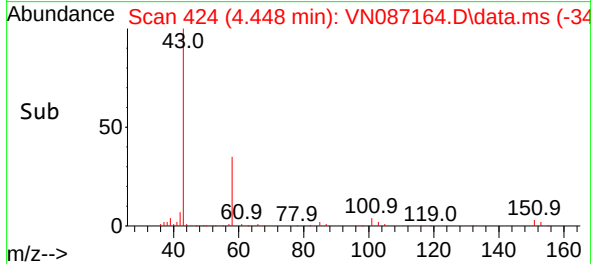
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 58 Resp: 116774
Ion Ratio Lower Upper
58 100
43 291.0 224.3 336.5

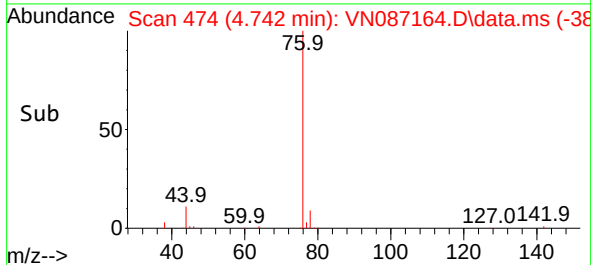
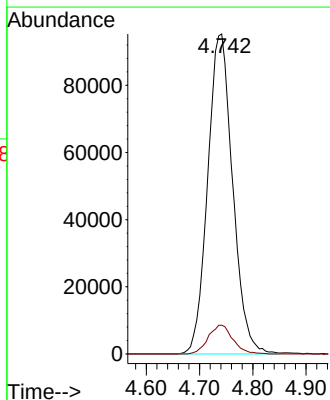
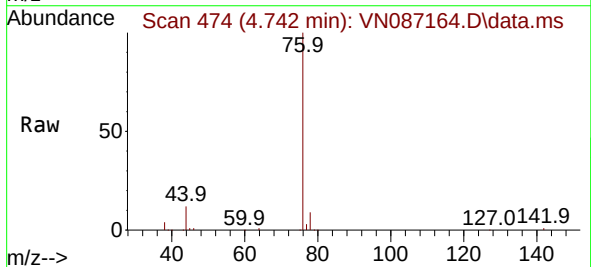
Manual Integrations
APPROVED

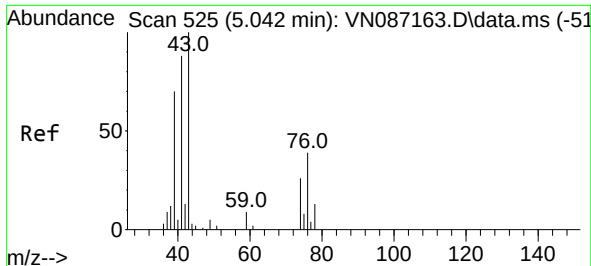
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#16
Carbon Disulfide
Concen: 49.627 ug/l
RT: 4.742 min Scan# 474
Delta R.T. 0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

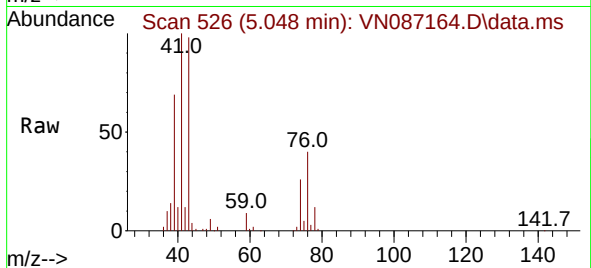
Tgt Ion: 76 Resp: 310088
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8





#17
 Allyl chloride
 Concen: 56.849 ug/l
 RT: 5.048 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN087164.D
 Acq: 25 Jun 2025 09:41

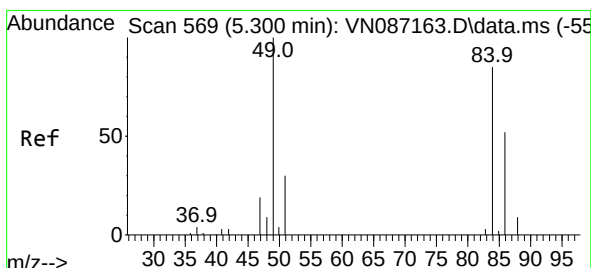
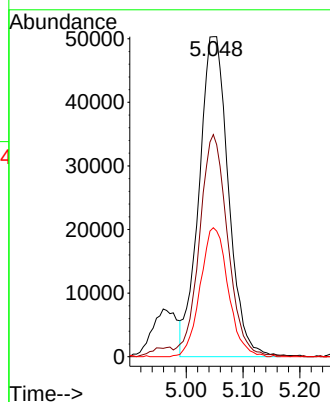
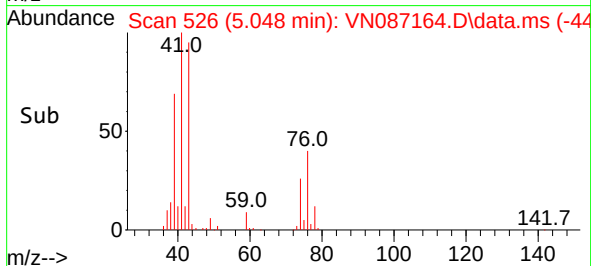
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 41 Resp: 18078
 Ion Ratio Lower Upper
 41 100
 39 69.2 36.0 108.0
 76 40.5 19.5 58.5

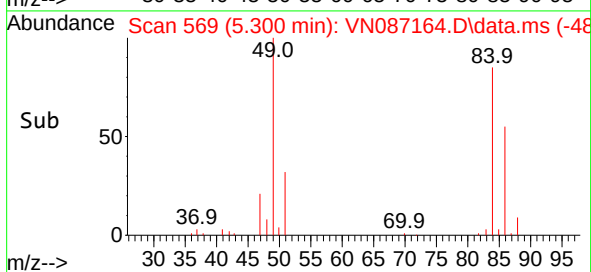
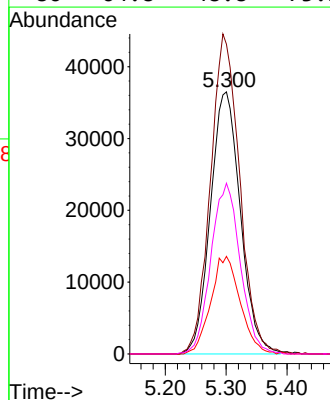
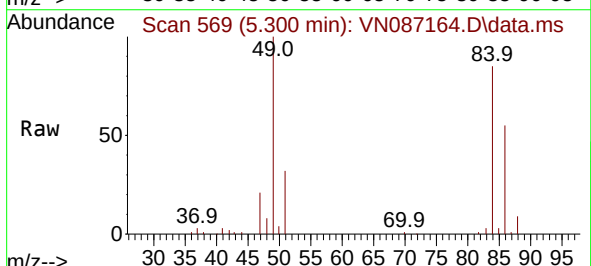
Manual Integrations
 APPROVED

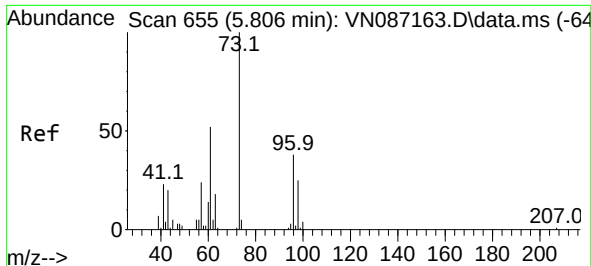
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/26/2025



#18
 Methylene Chloride
 Concen: 50.180 ug/l
 RT: 5.300 min Scan# 569
 Delta R.T. 0.000 min
 Lab File: VN087164.D
 Acq: 25 Jun 2025 09:41

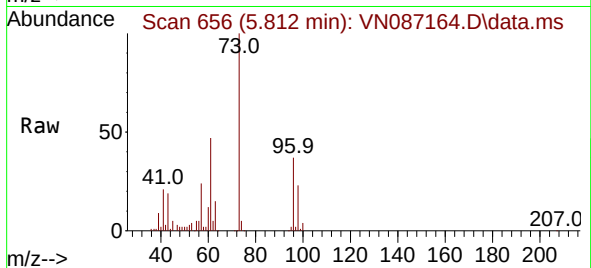
Tgt Ion: 84 Resp: 124740
 Ion Ratio Lower Upper
 84 100
 49 118.2 94.0 141.0
 51 37.2 28.3 42.5
 86 64.8 48.8 73.2





#19
trans-1,2-Dichloroethene
Concen: 52.785 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

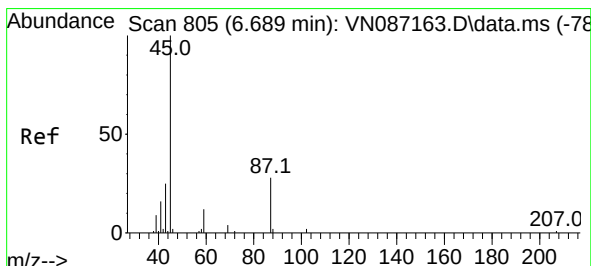
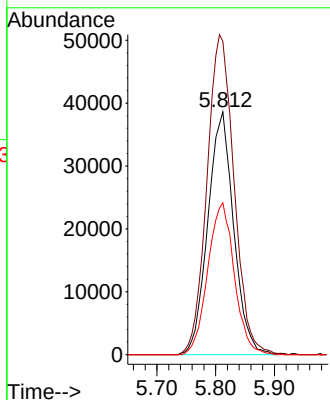
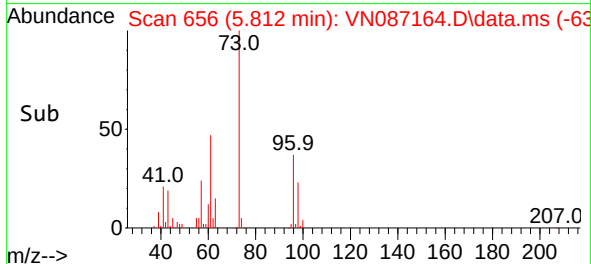
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 96 Resp: 118244
Ion Ratio Lower Upper
96 100
61 129.1 110.3 165.5
98 62.5 51.6 77.4

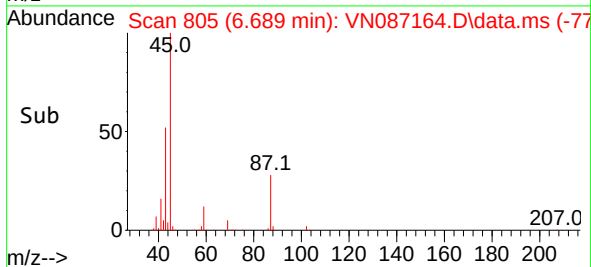
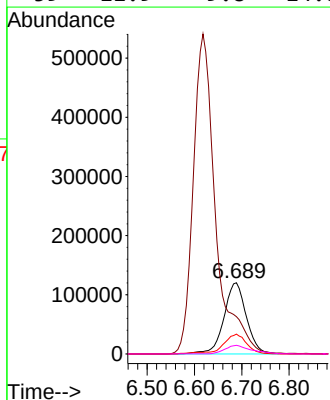
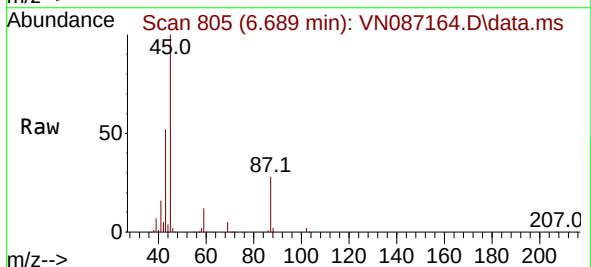
Manual Integrations
APPROVED

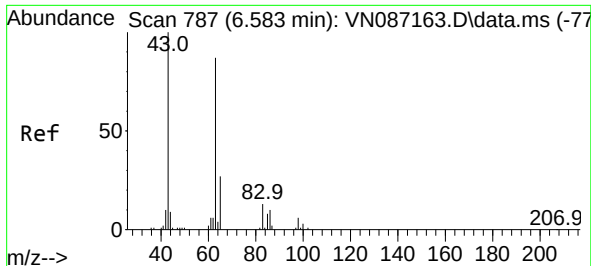
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#20
Diisopropyl ether
Concen: 56.488 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

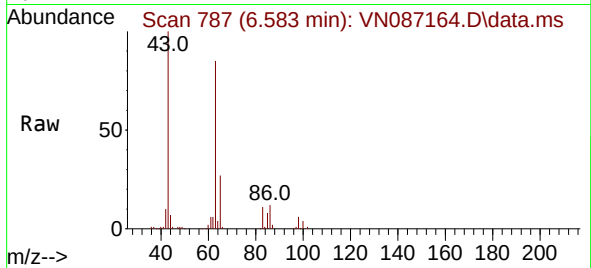
Tgt Ion: 45 Resp: 395621
Ion Ratio Lower Upper
45 100
43 51.0 45.3 67.9
87 27.6 22.6 33.8
59 11.9 9.8 14.8





#21
1,1-Dichloroethane
Concen: 53.322 ug/l
RT: 6.583 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

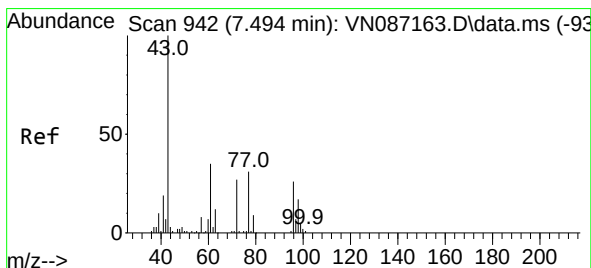
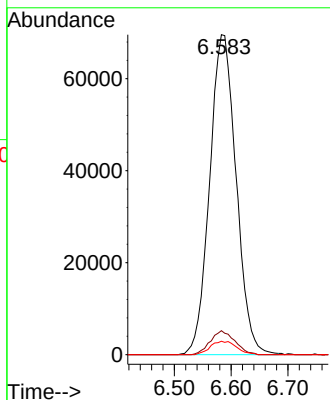
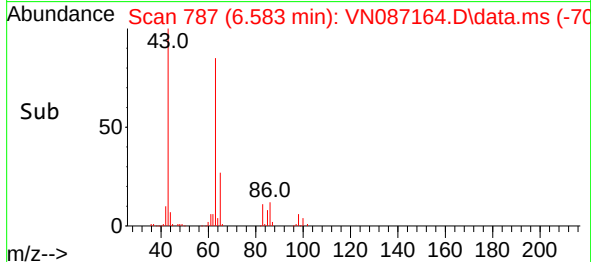
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 225370
Ion Ratio Lower Upper
63 100
98 7.5 3.5 10.4
100 4.2 2.0 5.8

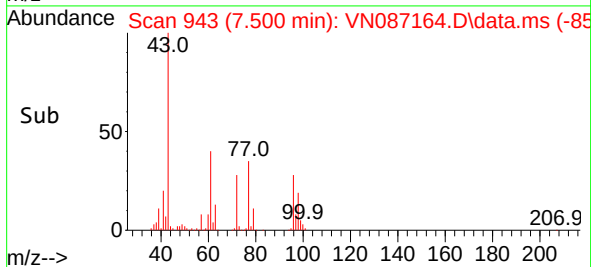
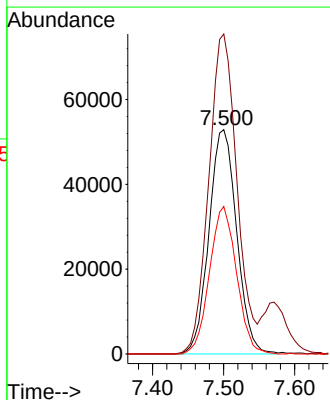
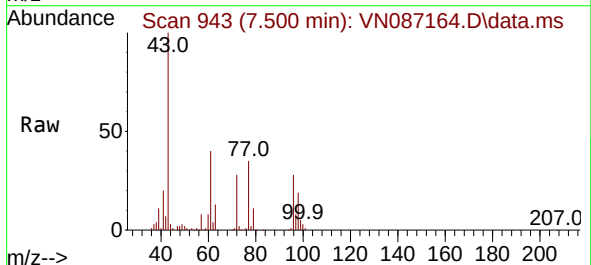
Manual Integrations
APPROVED

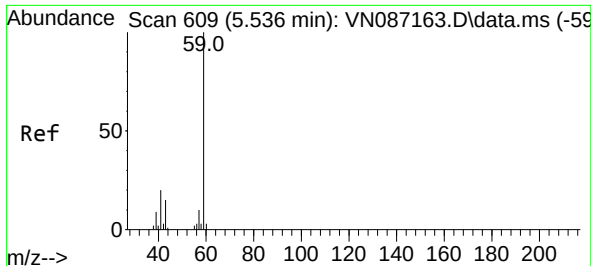
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#22
cis-1,2-Dichloroethene
Concen: 52.945 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

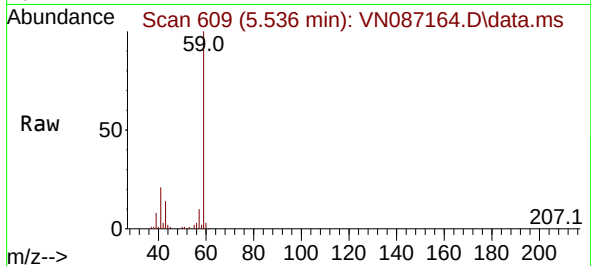
Tgt Ion: 96 Resp: 143629
Ion Ratio Lower Upper
96 100
61 144.8 119.2 178.8
98 64.0 50.6 75.8





#23
tert-Butyl Alcohol
Concen: 430.162 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

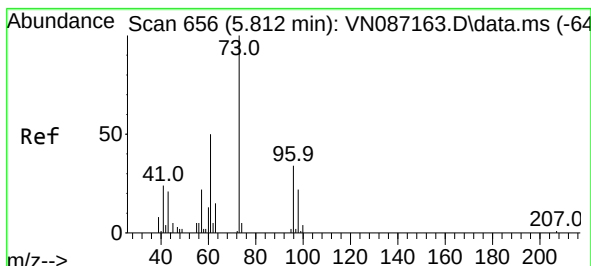
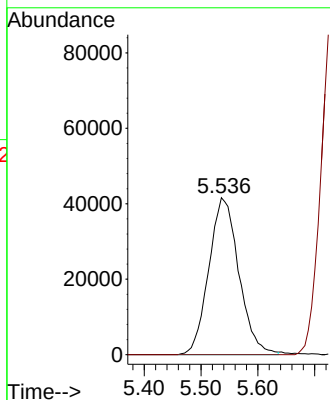
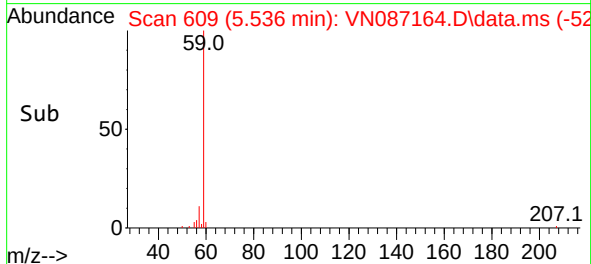
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



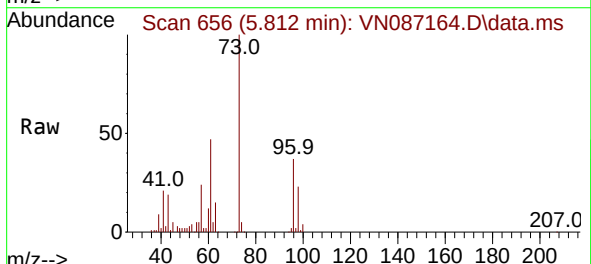
Tgt Ion: 59 Resp: 152814
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

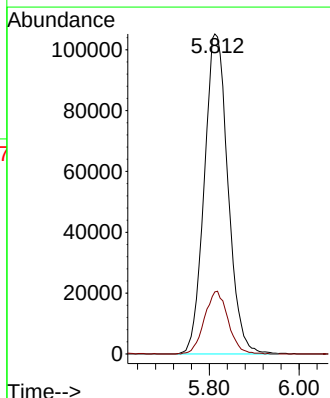
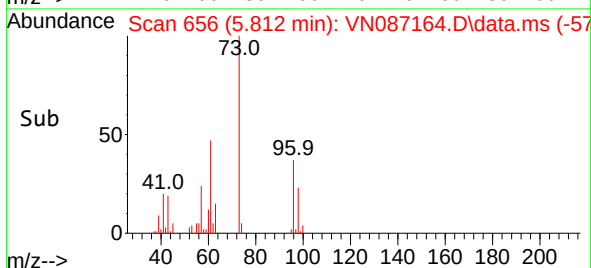
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

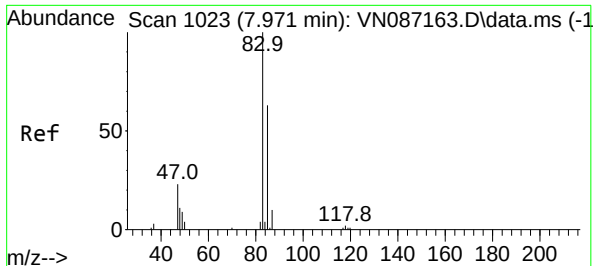


#24
Methyl tert-Butyl Ether
Concen: 54.681 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41



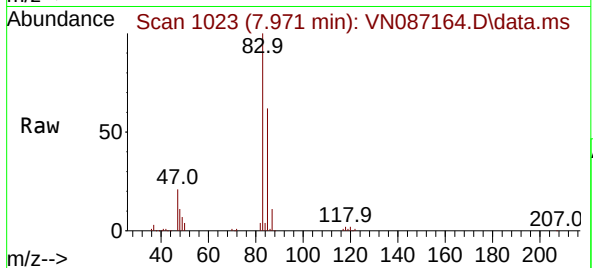
Tgt Ion: 73 Resp: 385760
Ion Ratio Lower Upper
73 100
43 19.5 16.4 24.6





#25
Chloroform
Concen: 53.512 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

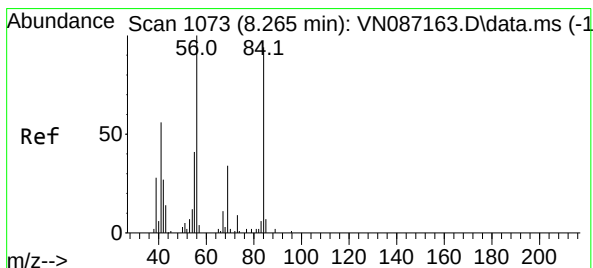
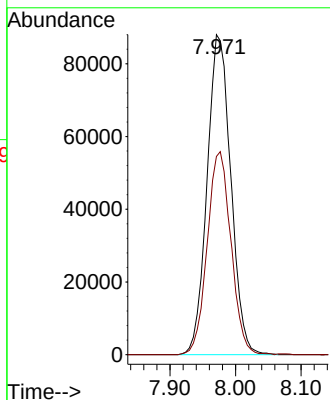
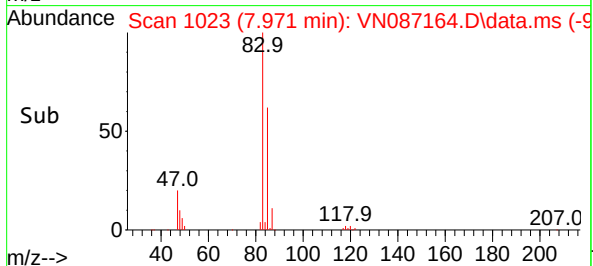
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



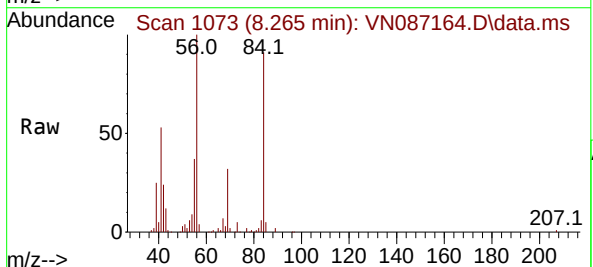
Tgt Ion: 83 Resp: 22137
Ion Ratio Lower Upper
83 100
85 61.9 50.7 76.1

Manual Integrations
APPROVED

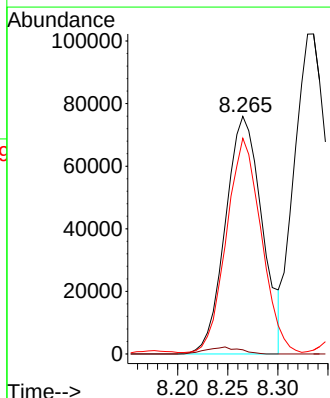
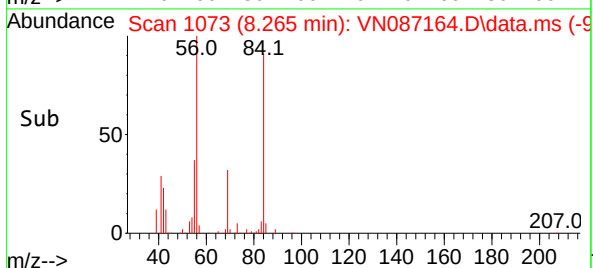
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

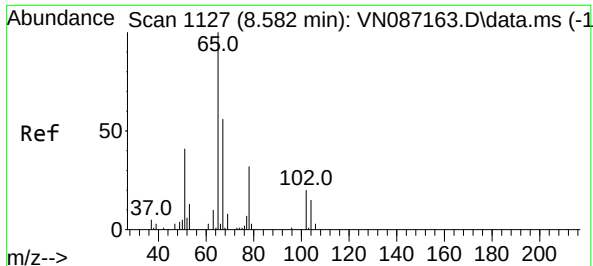


#26
Cyclohexane
Concen: 52.874 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41



Tgt Ion: 56 Resp: 193421
Ion Ratio Lower Upper
56 100
89 1.9 6.9 10.3#
84 86.9 69.1 103.7





#27

1,2-Dichloroethane-d4

Concen: 32.174 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN087164.D

Acq: 25 Jun 2025 09:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 65 Resp: 80238

Ion Ratio Lower Upper

65 100

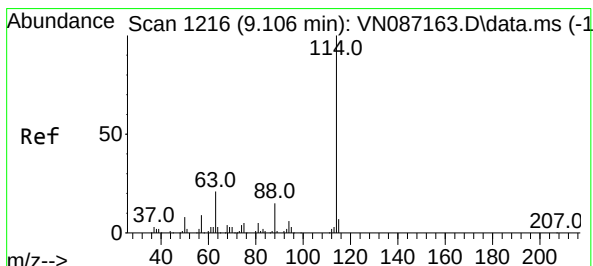
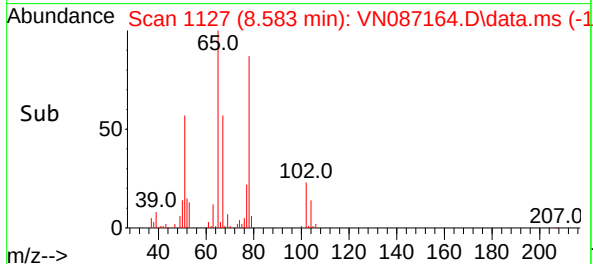
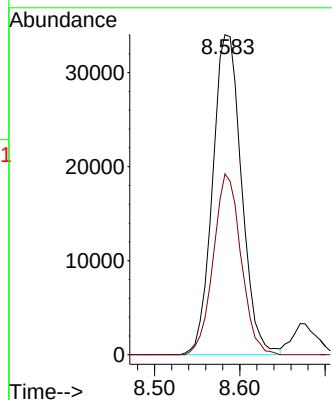
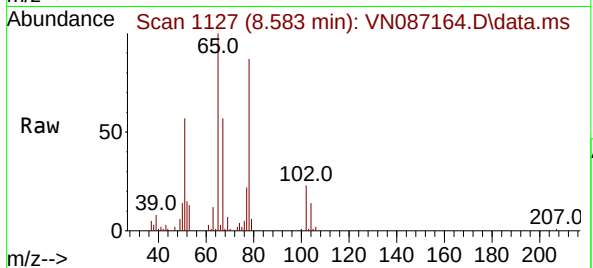
67 54.0 41.9 62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/26/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087164.D

Acq: 25 Jun 2025 09:41

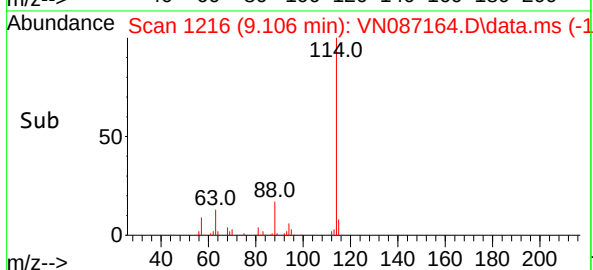
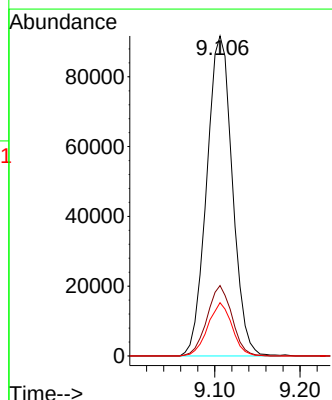
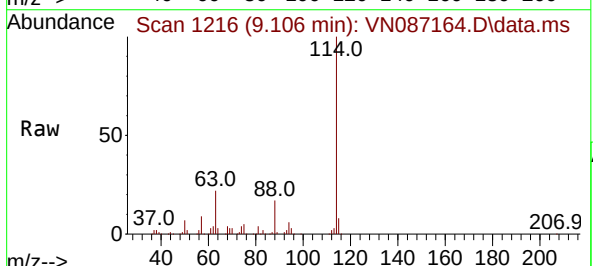
Tgt Ion:114 Resp: 191792

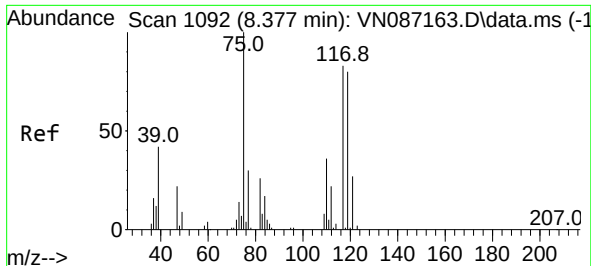
Ion Ratio Lower Upper

114 100

63 21.3 17.0 25.4

88 15.7 12.6 19.0





#29
1,1-Dichloropropene
Concen: 56.923 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

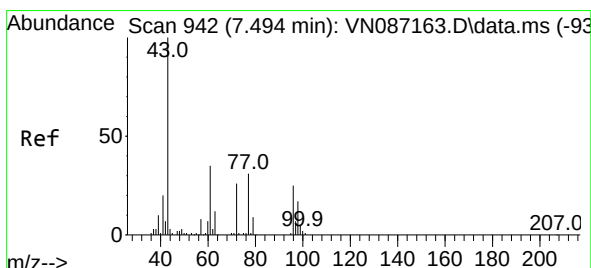
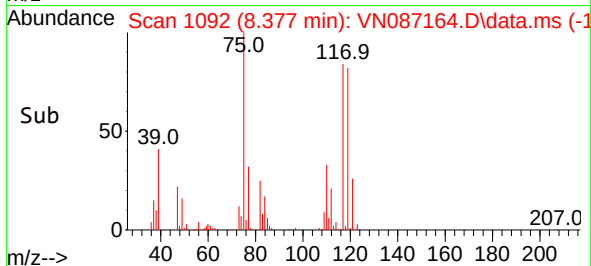
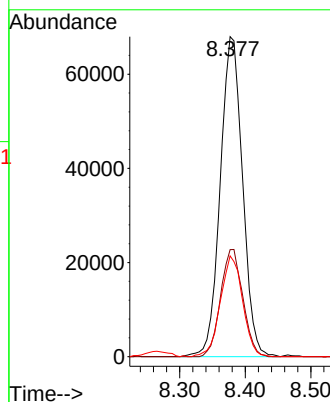
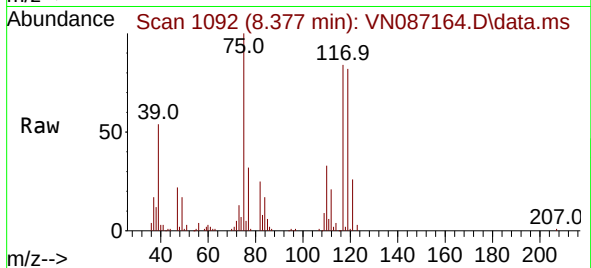
Tgt Ion: 75 Resp: 16051
Ion Ratio Lower Upper
75 100
110 33.3 0.0 69.2
77 31.3 0.0 61.8

Manual Integrations

APPROVED

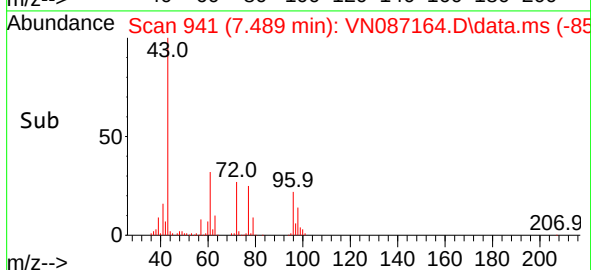
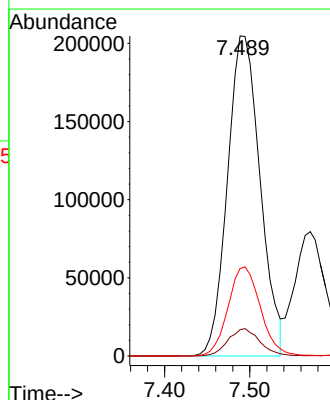
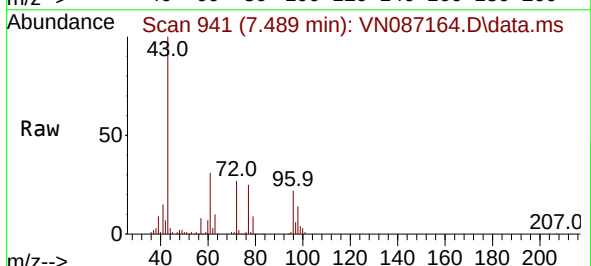
Reviewed By :John Carlone 06/25/2025

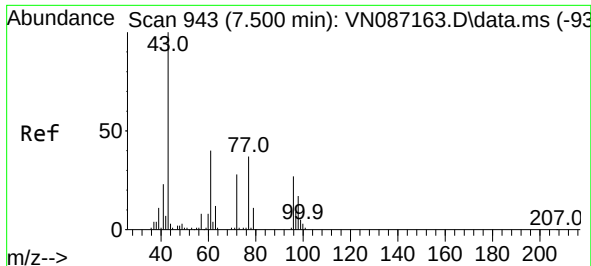
Supervised By :Mahesh Dadoda 06/26/2025



#30
2-Butanone
Concen: 442.524 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

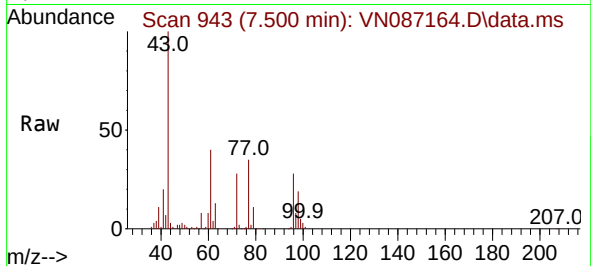
Tgt Ion: 43 Resp: 546757
Ion Ratio Lower Upper
43 100
57 8.3 6.3 9.5
72 27.6 21.8 32.6





#31
2,2-Dichloropropane
Concen: 57.368 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

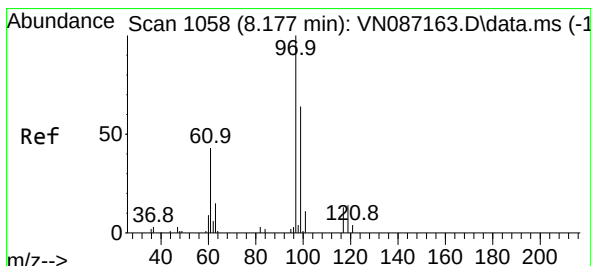
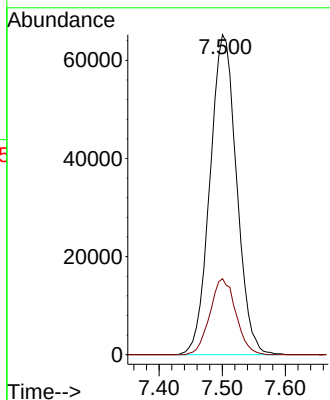
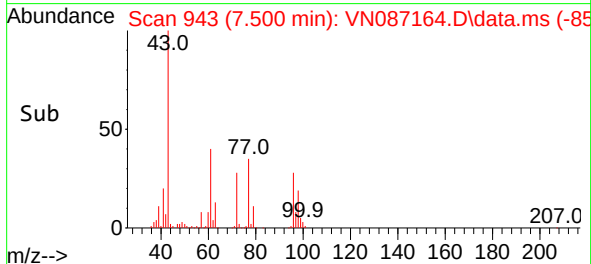
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 77 Resp: 190958
Ion Ratio Lower Upper
77 100
97 23.0 18.4 27.6

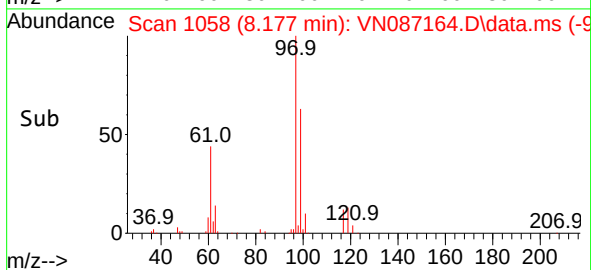
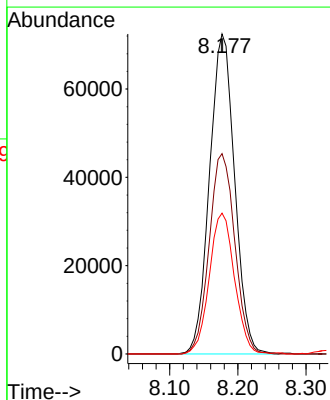
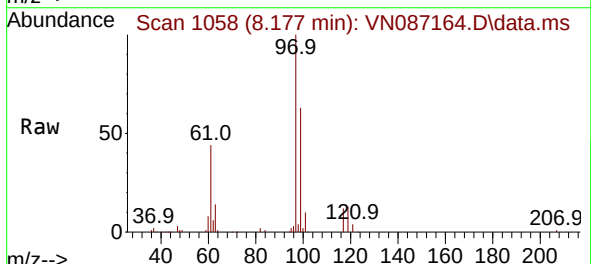
Manual Integrations
APPROVED

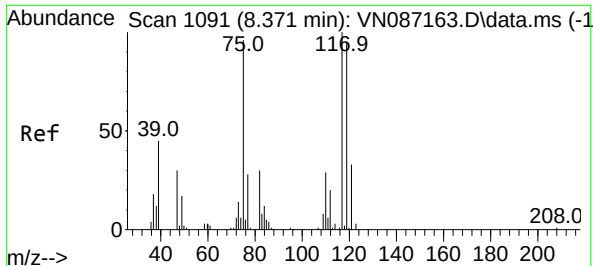
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#32
1,1,1-Trichloroethane
Concen: 56.894 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

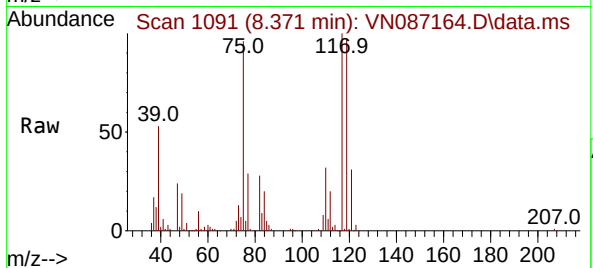
Tgt Ion: 97 Resp: 185977
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 44.1 36.1 54.1





#33
Carbon Tetrachloride
Concen: 54.893 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

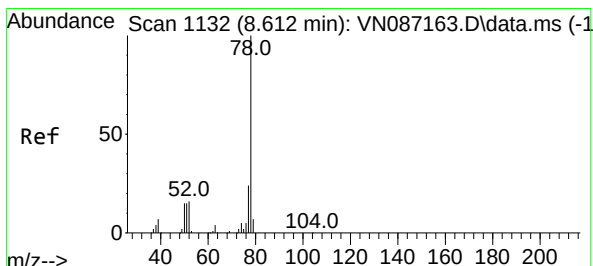
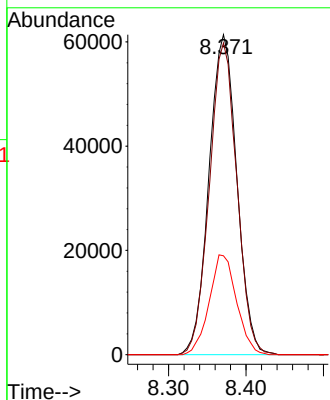
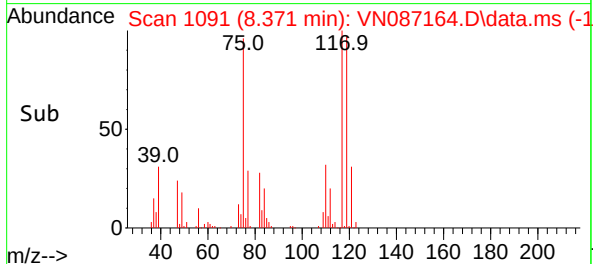
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:117 Resp: 153380
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.6
121 30.9 26.2 39.4

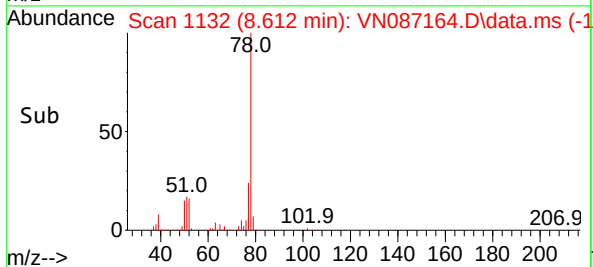
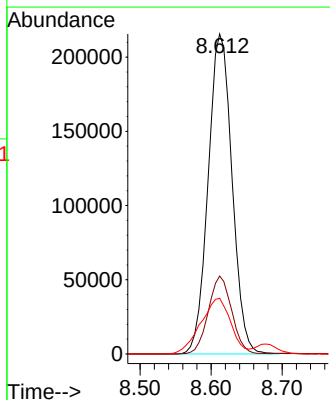
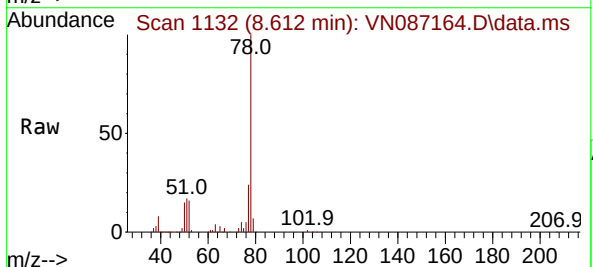
Manual Integrations
APPROVED

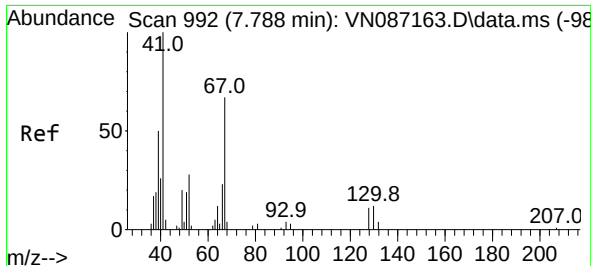
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#34
Benzene
Concen: 54.830 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Tgt Ion: 78 Resp: 503072
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3
51 16.6 14.8 22.2





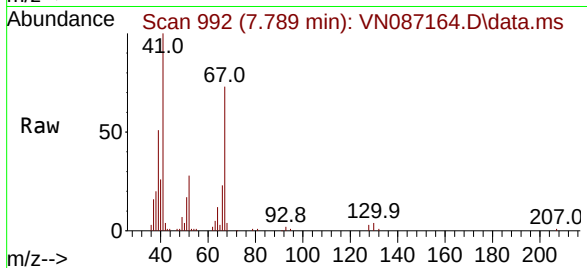
#35
Methacrylonitrile
Concen: 76.961 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



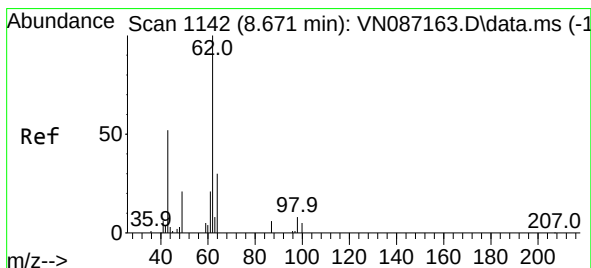
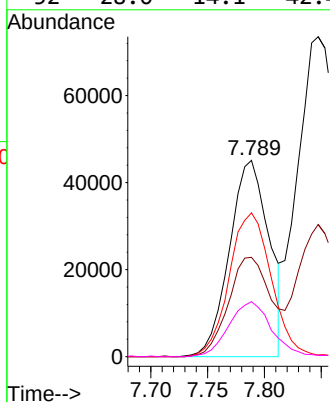
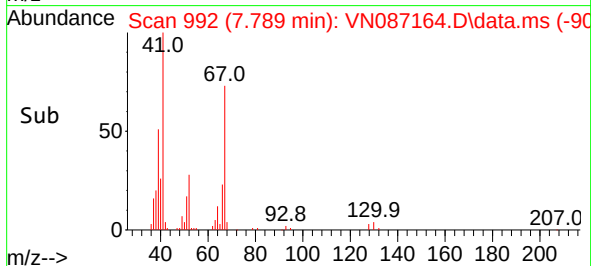
Tgt Ion: 41 Resp: 109229
Ion Ratio Lower Upper
41 100
39 50.6 24.4 73.2
67 73.3 33.3 99.8
52 28.0 14.1 42.4

Manual Integrations

APPROVED

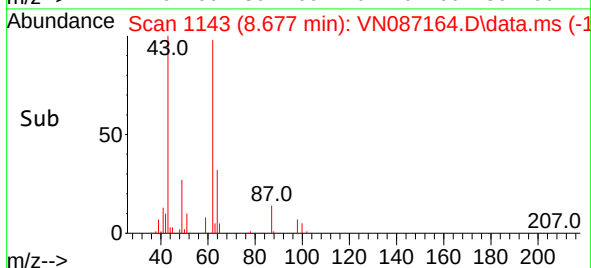
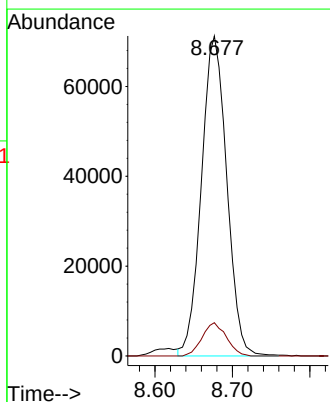
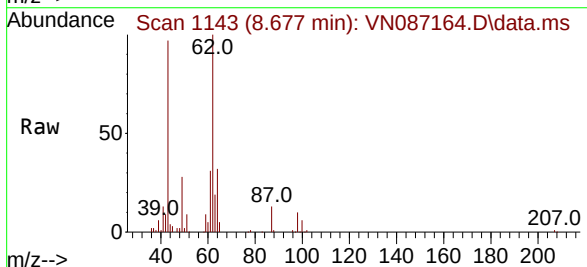
Reviewed By :John Carlone 06/25/2025

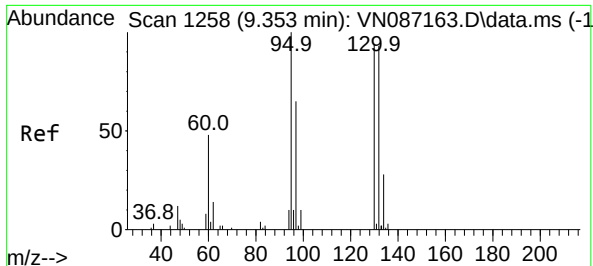
Supervised By :Mahesh Dadoda 06/26/2025



#36
1,2-Dichloroethane
Concen: 60.234 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Tgt Ion: 62 Resp: 161947
Ion Ratio Lower Upper
62 100
98 9.9 7.2 10.8





#37

Trichloroethene

Concen: 44.156 ug/l

RT: 9.359 min Scan# 11237

Delta R.T. 0.006 min

Lab File: VN087164.D

Acq: 25 Jun 2025 09:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:130 Resp: 11237

Ion Ratio Lower Upper

130 100

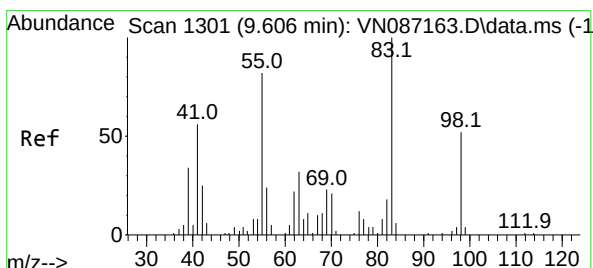
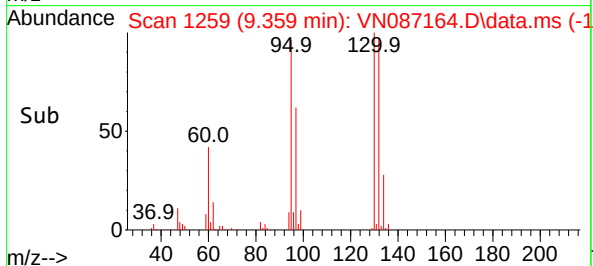
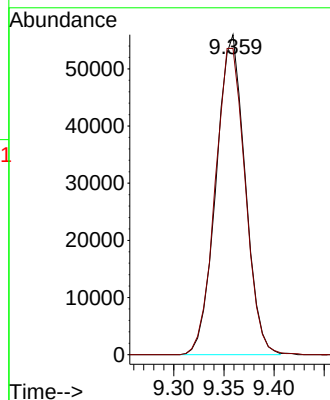
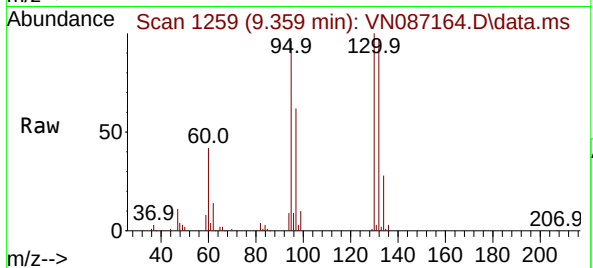
95 95.7 85.3 127.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/26/2025



#38

Methylcyclohexane

Concen: 54.486 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN087164.D

Acq: 25 Jun 2025 09:41

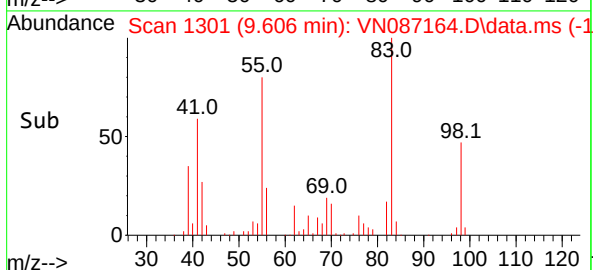
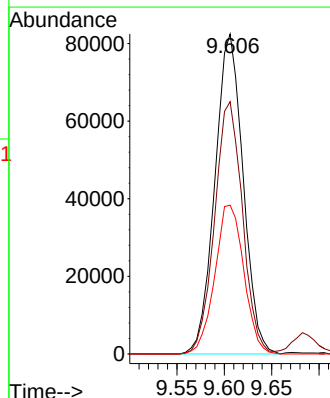
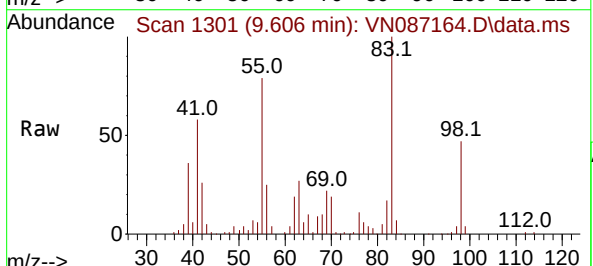
Tgt Ion: 83 Resp: 170475

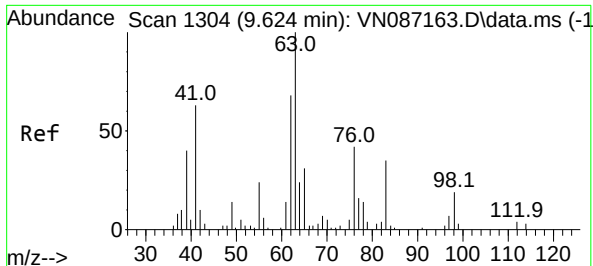
Ion Ratio Lower Upper

83 100

55 78.1 40.1 120.2

98 47.9 24.4 73.2





#39

1,2-Dichloropropane

Concen: 53.402 ug/l

RT: 9.624 min Scan# 117960

Delta R.T. 0.000 min

Lab File: VN087164.D

Acq: 25 Jun 2025 09:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 117960

Ion Ratio Lower Upper

63 100

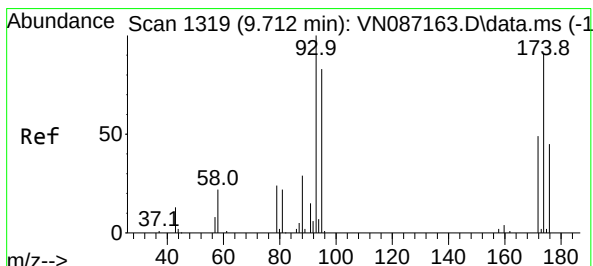
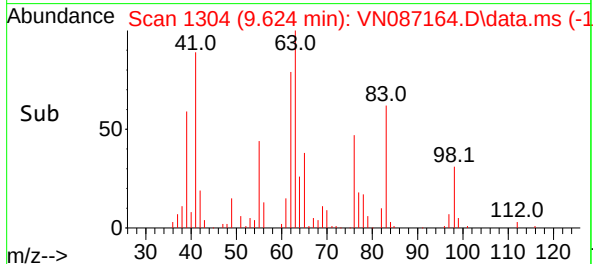
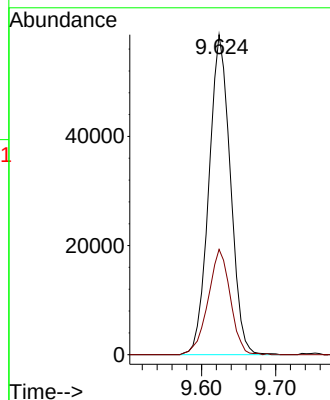
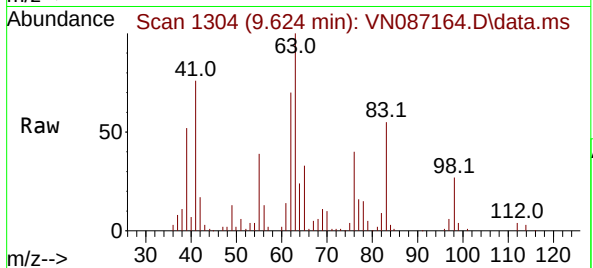
65 32.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/26/2025



#40

Dibromomethane

Concen: 57.075 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN087164.D

Acq: 25 Jun 2025 09:41

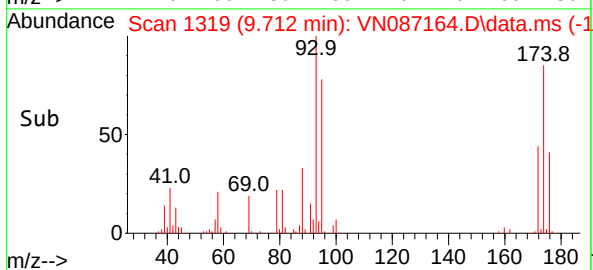
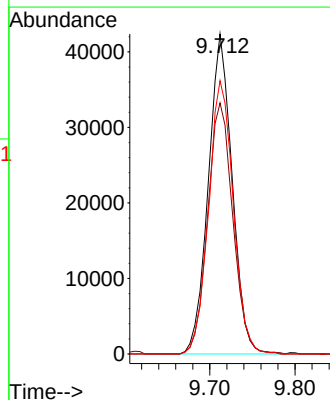
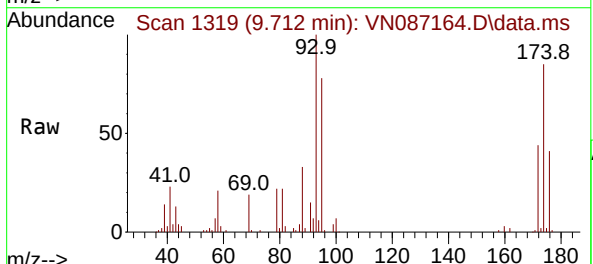
Tgt Ion: 93 Resp: 82459

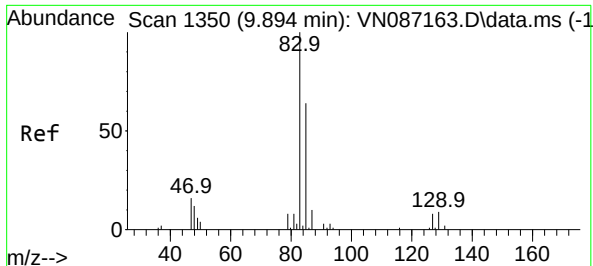
Ion Ratio Lower Upper

93 100

95 83.0 0.0 170.8

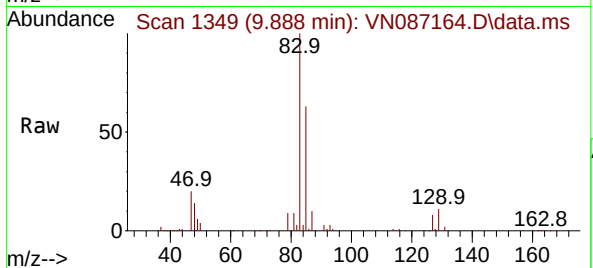
174 88.4 0.0 176.6





#41
Bromodichloromethane
Concen: 55.227 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

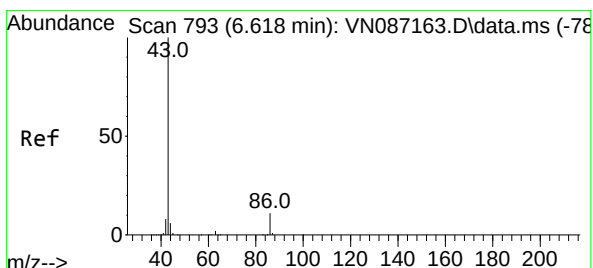
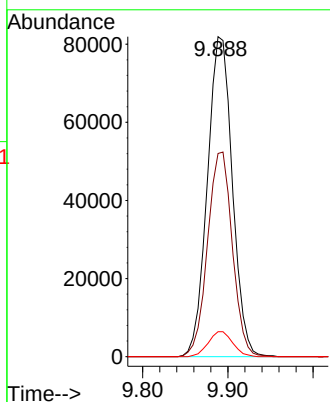
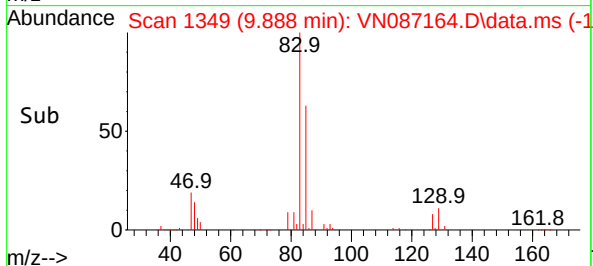
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 83 Resp: 167010
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2
127 7.8 6.1 9.1

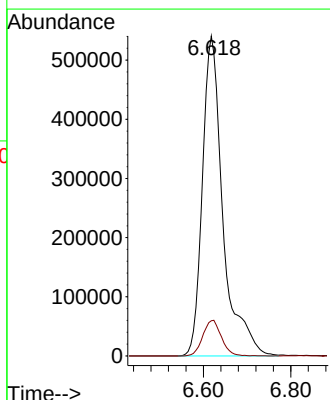
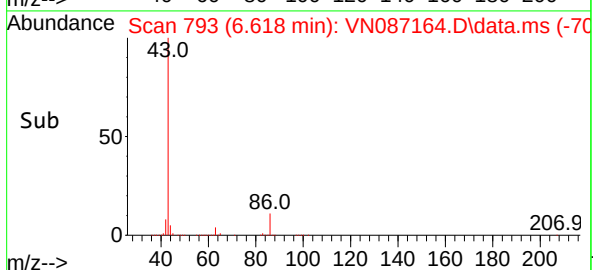
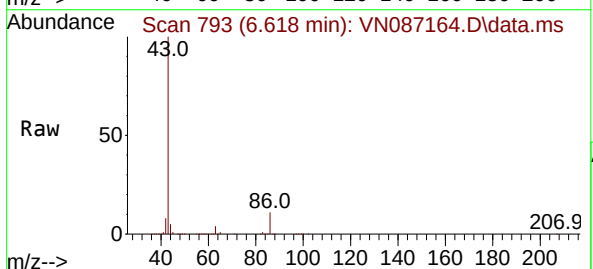
Manual Integrations
APPROVED

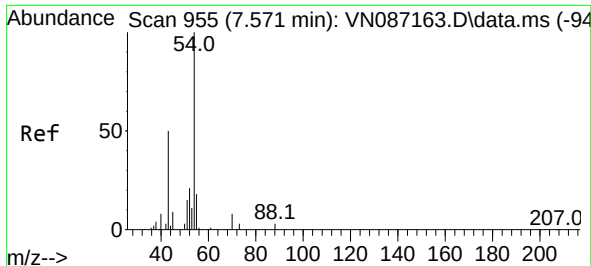
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#42
Vinyl Acetate
Concen: 491.503 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

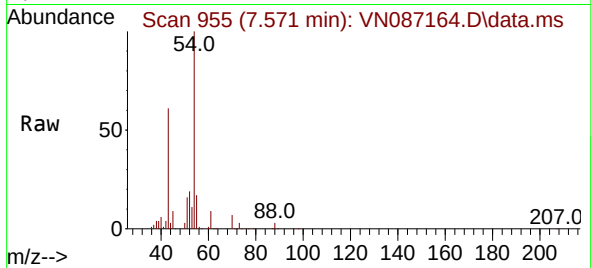
Tgt Ion: 43 Resp: 1770137
Ion Ratio Lower Upper
43 100
86 10.1 7.7 11.5





#43
Ethyl Acetate
Concen: 82.779 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

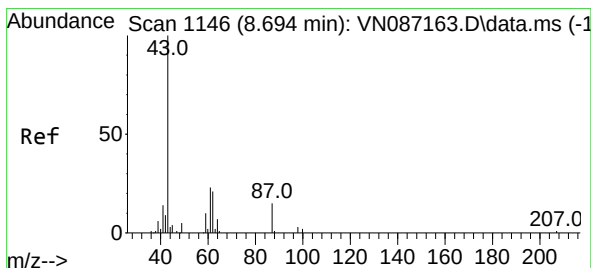
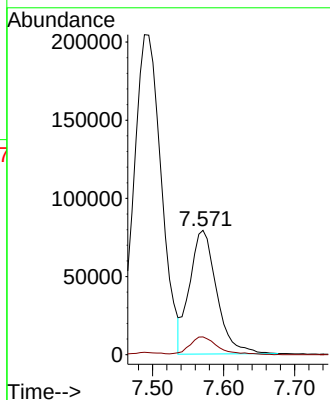
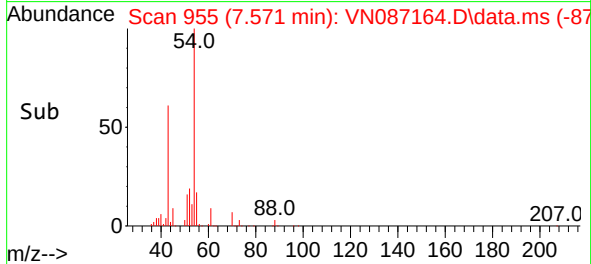
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



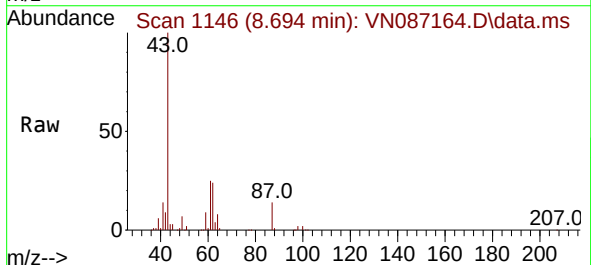
Tgt Ion: 43 Resp: 20928
Ion Ratio Lower Upper
43 100
45 15.0 11.5 17.3

Manual Integrations
APPROVED

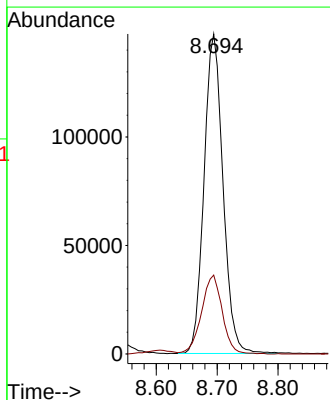
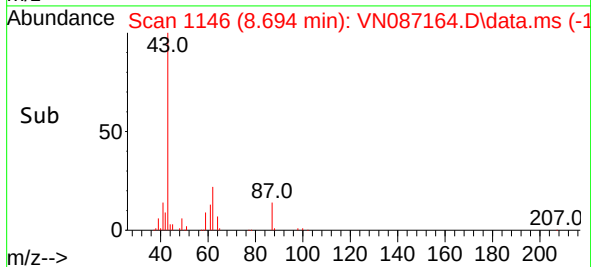
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

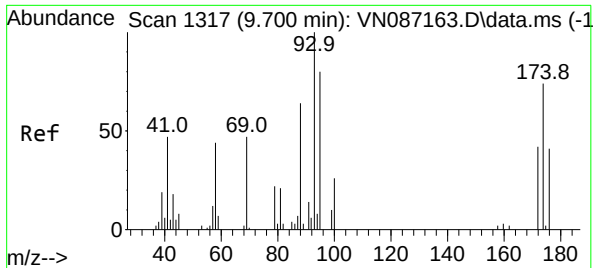


#44
Isopropyl Acetate
Concen: 73.455 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41



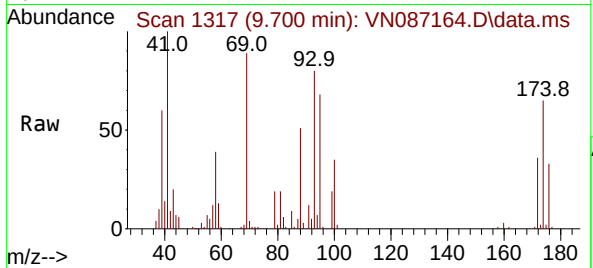
Tgt Ion: 43 Resp: 318572
Ion Ratio Lower Upper
43 100
61 26.9 20.5 30.7





#45
1,4-Dioxane
Concen: 1092.072 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

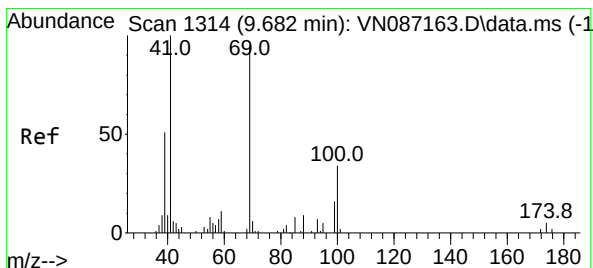
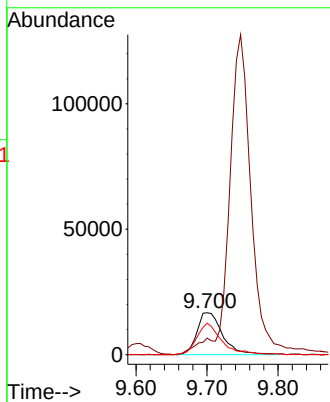
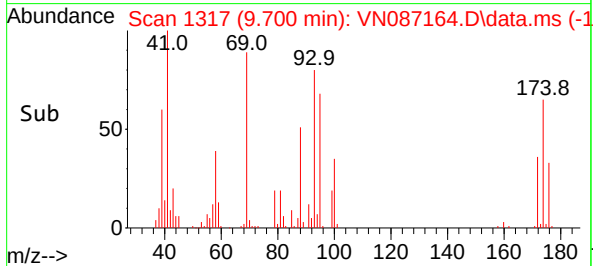
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



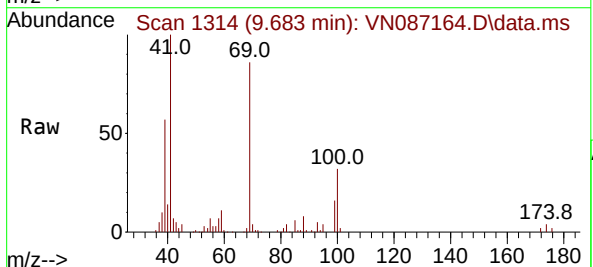
Tgt Ion: 88 Resp: 4209
Ion Ratio Lower Upper
88 100
43 29.8 21.3 31.9
58 67.9 61.7 92.5

Manual Integrations
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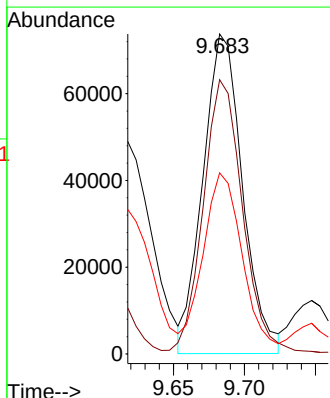
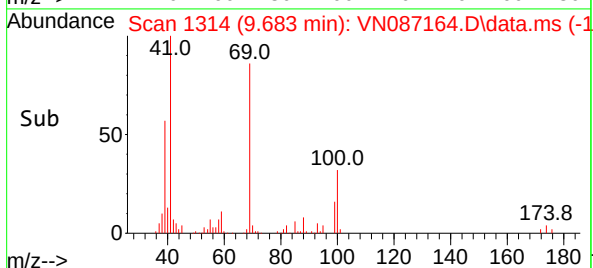
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

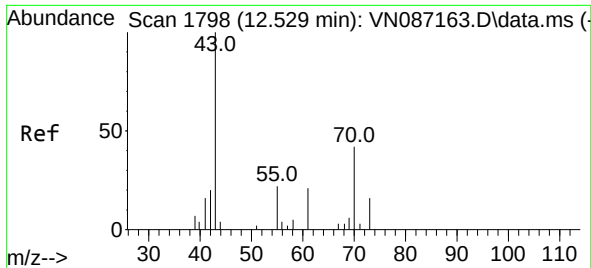


#46
Methyl methacrylate
Concen: 71.407 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41



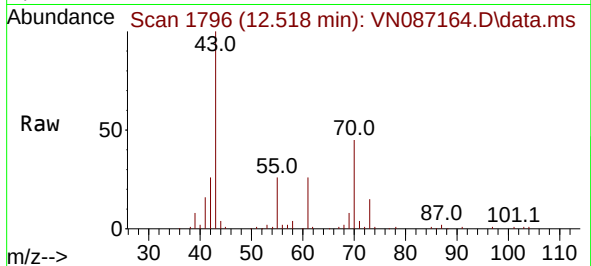
Tgt Ion: 41 Resp: 142798
Ion Ratio Lower Upper
41 100
69 87.8 45.6 136.9
39 57.0 26.2 78.5





#47
n-amy1 Acetate
Concen: 51.850 ug/l
RT: 12.518 min Scan# 1796
Delta R.T. -0.012 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

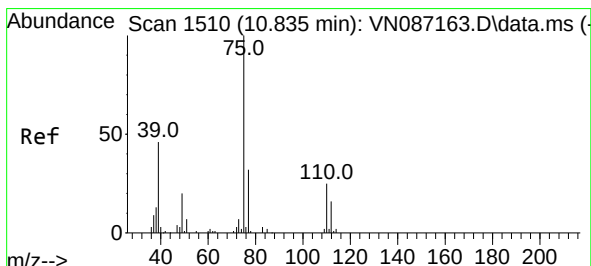
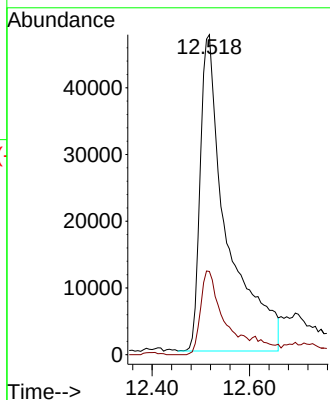
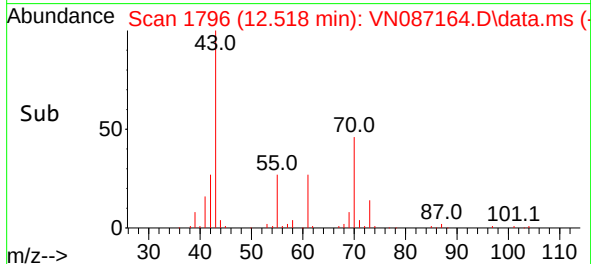
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



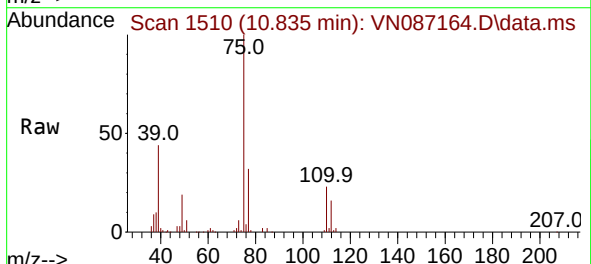
Tgt Ion: 43 Resp: 180529
Ion Ratio Lower Upper
43 100
55 20.7 0.0 0.0

Manual Integrations
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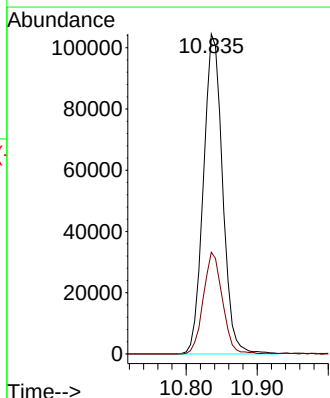
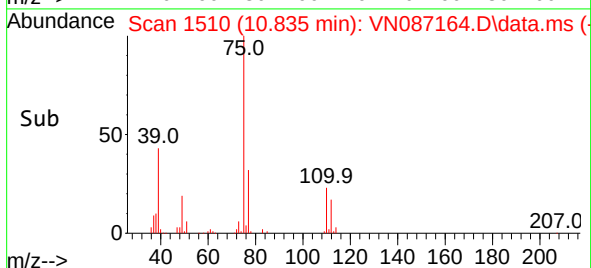
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

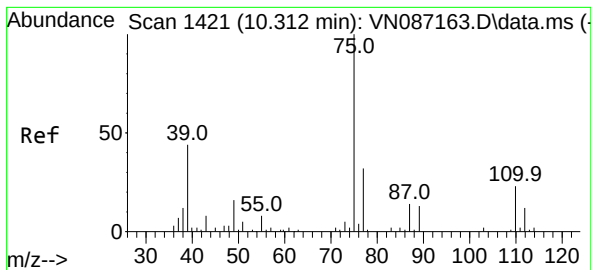


#48
t-1,3-Dichloropropene
Concen: 60.579 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41



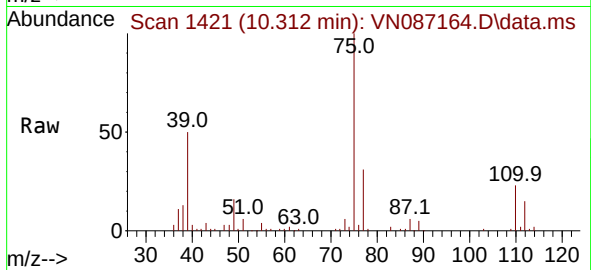
Tgt Ion: 75 Resp: 196045
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0





#49
 cis-1,3-Dichloropropene
 Concen: 54.427 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN087164.D
 Acq: 25 Jun 2025 09:41

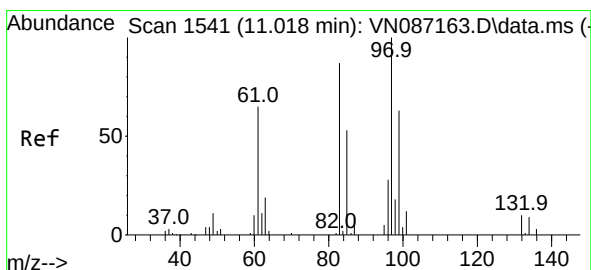
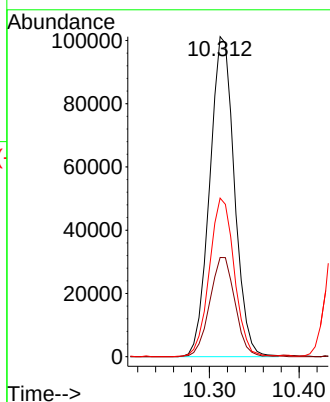
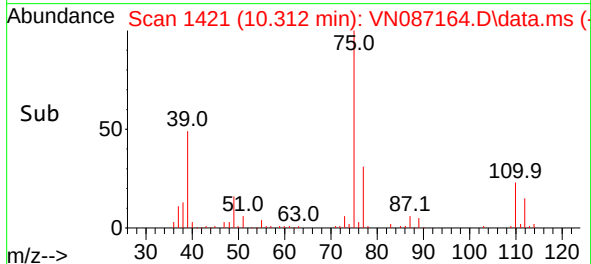
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 75 Resp: 19373
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2
 39 49.4 35.3 52.9

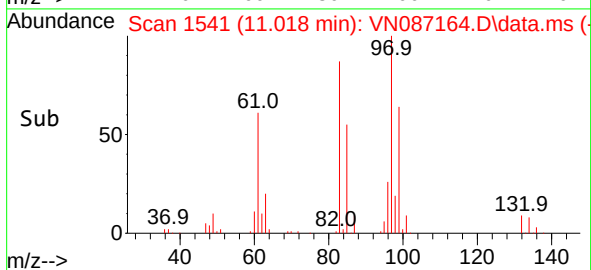
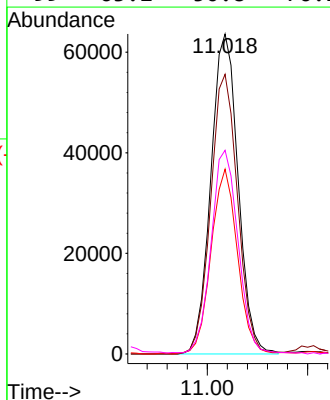
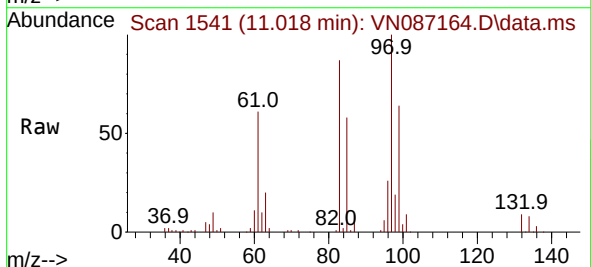
Manual Integrations
 APPROVED

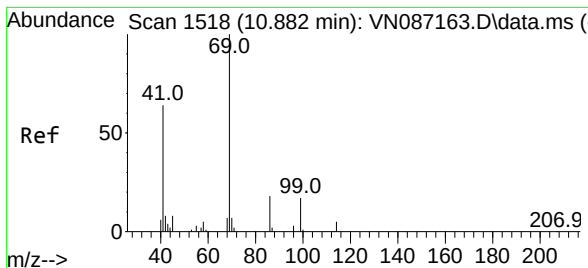
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/26/2025



#50
 1,1,2-Trichloroethane
 Concen: 59.045 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN087164.D
 Acq: 25 Jun 2025 09:41

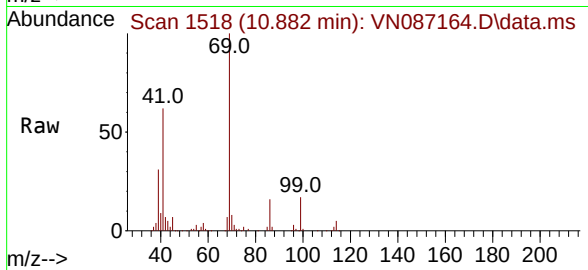
Tgt Ion: 97 Resp: 120146
 Ion Ratio Lower Upper
 97 100
 83 87.4 69.6 104.4
 85 57.5 42.0 63.0
 99 63.2 50.8 76.2





#51
Ethyl methacrylate
Concen: 59.603 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

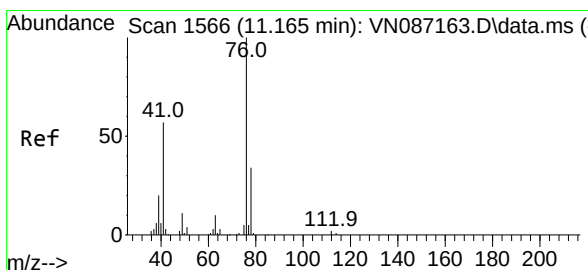
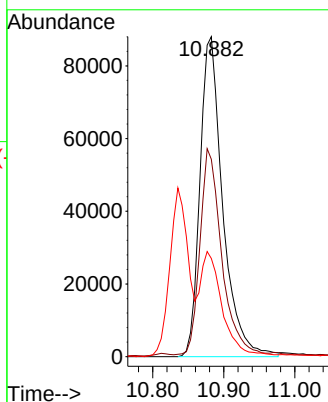
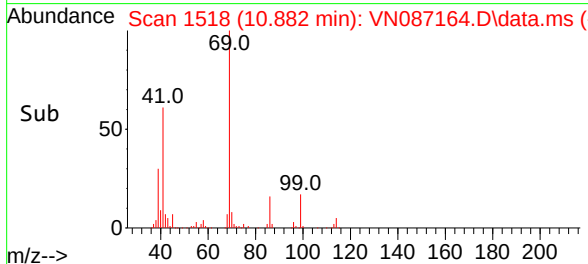
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



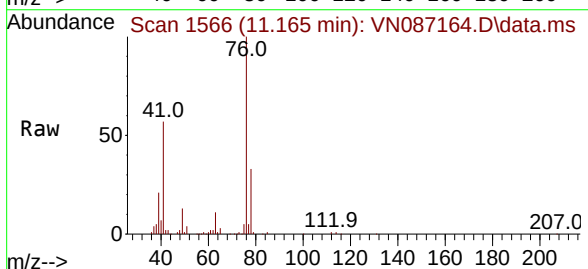
Tgt Ion: 69 Resp: 196419
Ion Ratio Lower Upper
69 100
41 60.9 31.8 95.3
39 30.1 15.3 45.8

Manual Integrations
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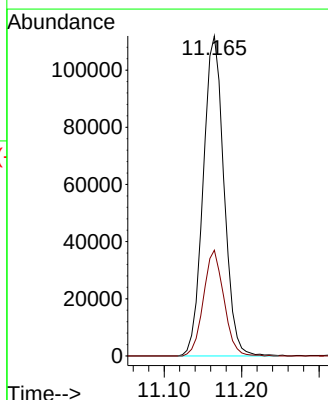
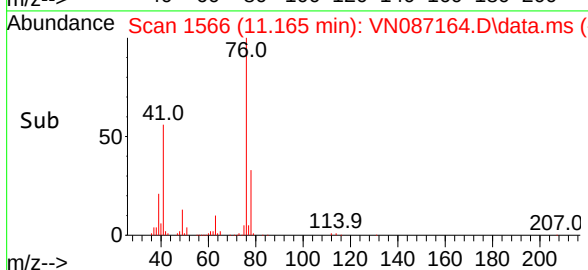
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

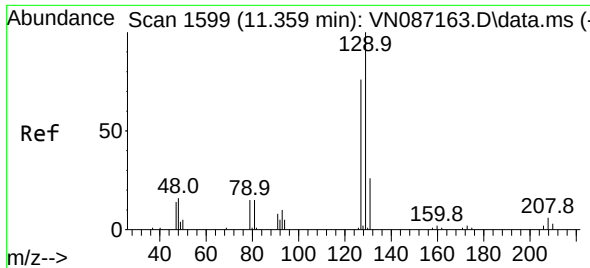


#52
1,3-Dichloropropane
Concen: 57.643 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41



Tgt Ion: 76 Resp: 208157
Ion Ratio Lower Upper
76 100
78 32.5 0.0 63.0





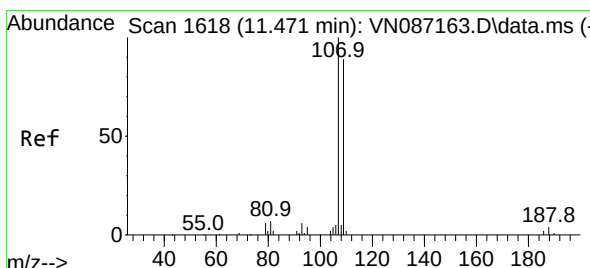
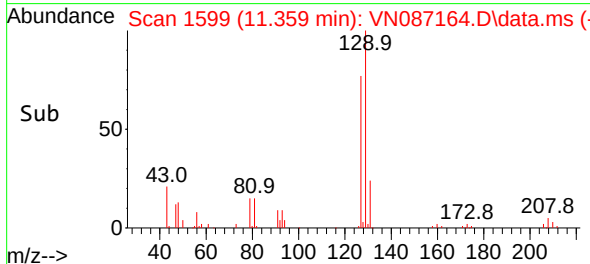
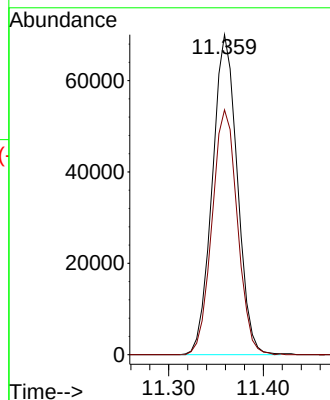
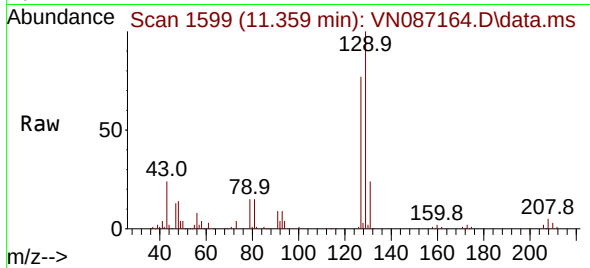
#53
Dibromochloromethane
Concen: 55.785 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:129 Resp: 12827
Ion Ratio Lower Upper
129 100
127 77.4 39.6 118.8

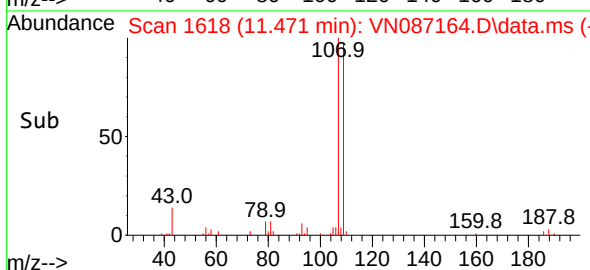
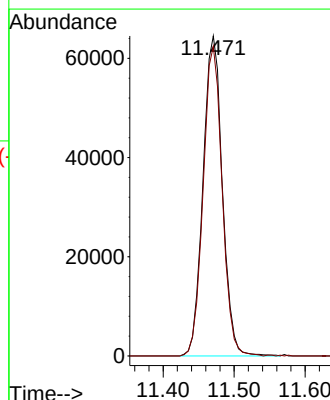
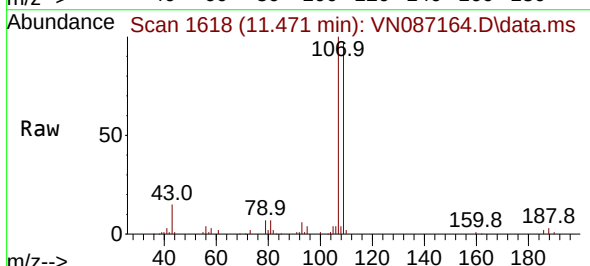
Manual Integrations
APPROVED

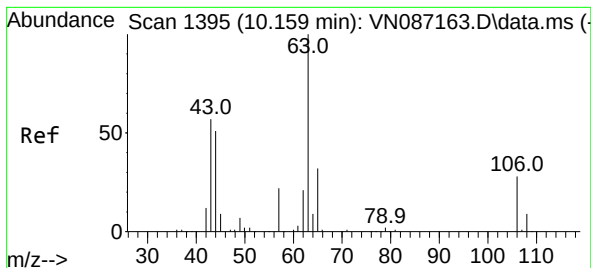
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#54
1,2-Dibromoethane
Concen: 58.689 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Tgt Ion:107 Resp: 122070
Ion Ratio Lower Upper
107 100
109 95.0 73.5 110.3





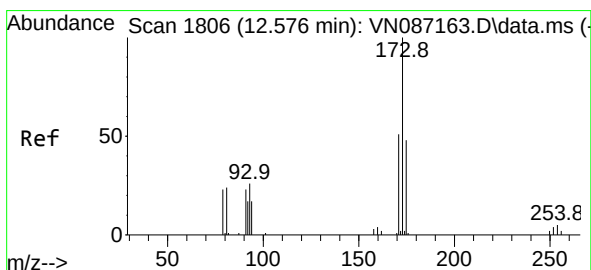
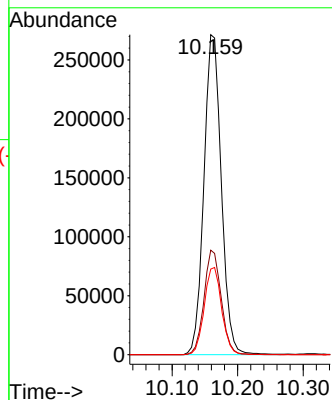
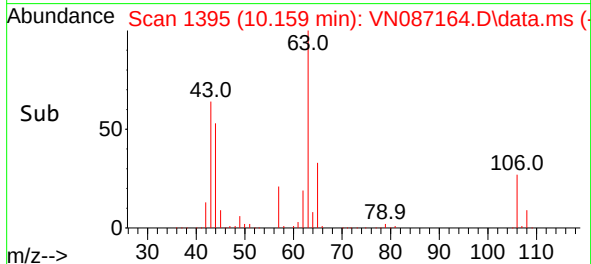
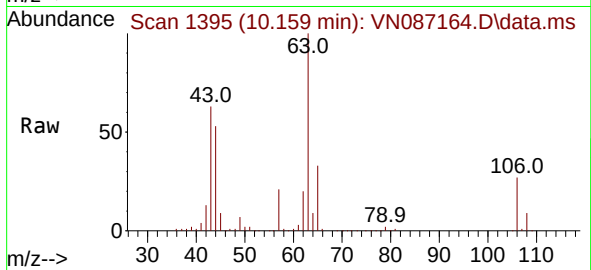
#55
2-Chloroethyl vinyl ether
Concen: 317.734 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 50261
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4
106 27.3 21.9 32.9

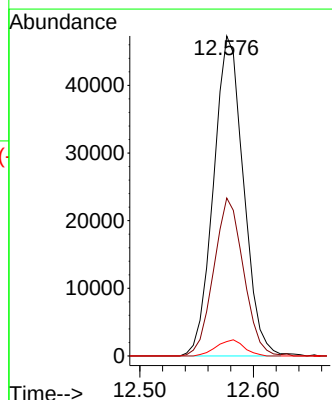
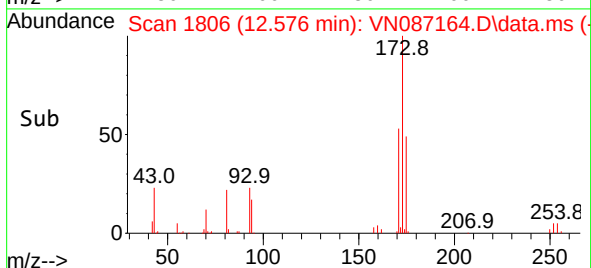
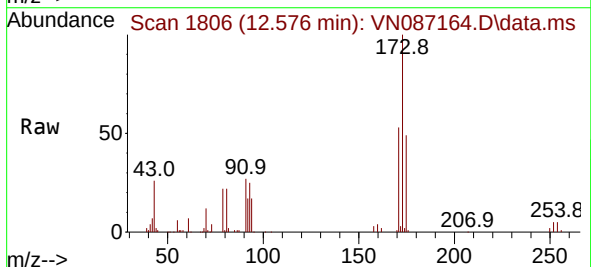
Manual Integrations
APPROVED

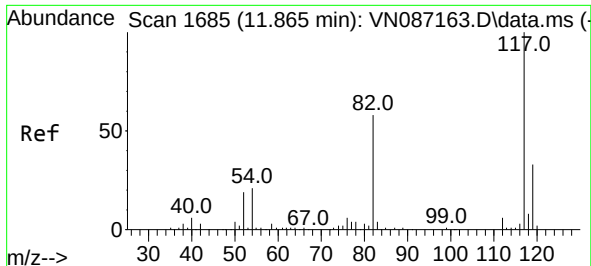
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#56
Bromoform
Concen: 59.706 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

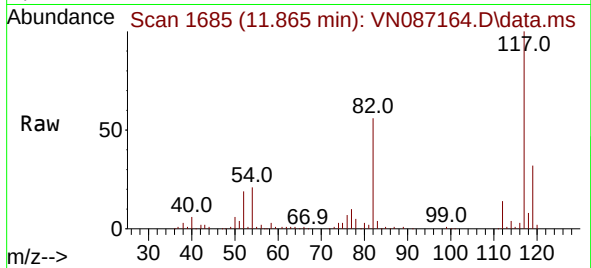
Tgt Ion:173 Resp: 86503
Ion Ratio Lower Upper
173 100
175 49.0 38.7 58.1
254 4.7 4.2 6.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

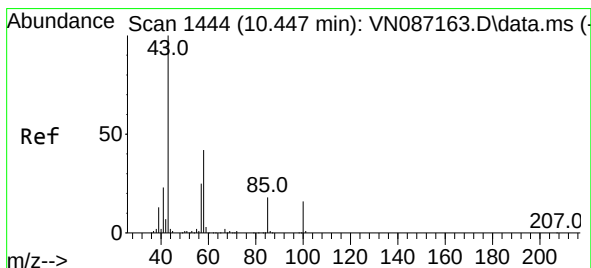
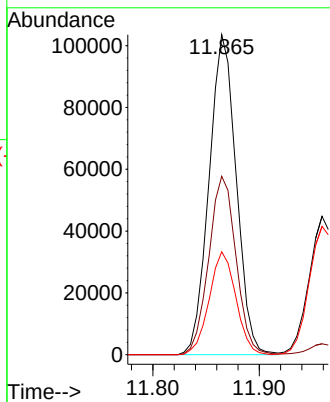
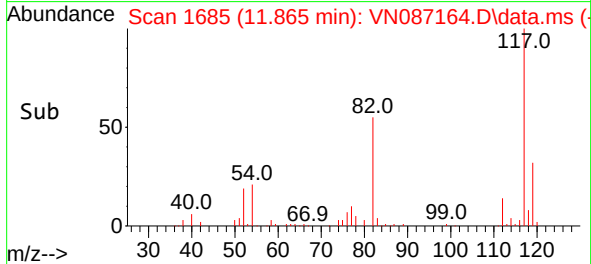
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



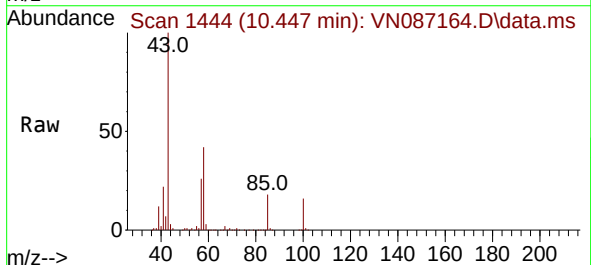
Tgt Ion: 117 Resp: 18371
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.2
119 31.6 26.2 39.4

Manual Integrations
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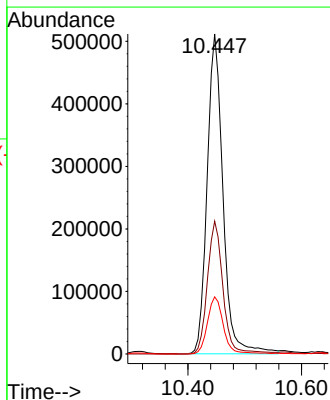
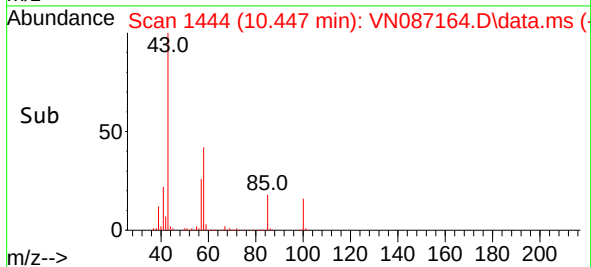
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

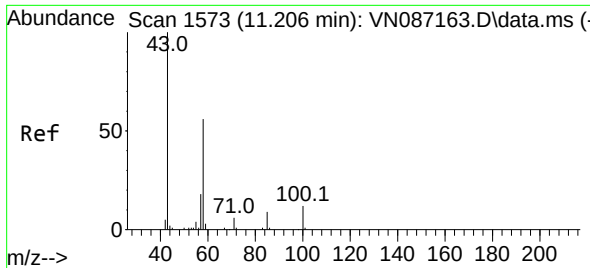


#58
4-Methyl-2-Pentanone
Concen: 366.357 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41



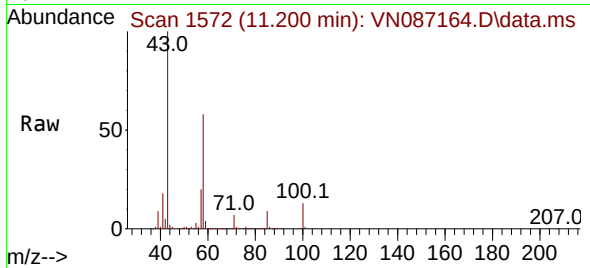
Tgt Ion: 43 Resp: 987570
Ion Ratio Lower Upper
43 100
58 40.9 32.6 49.0
85 17.8 14.6 22.0





#59
2-Hexanone
Concen: 348.700 ug/l
RT: 11.200 min Scan# 1573
Delta R.T. -0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

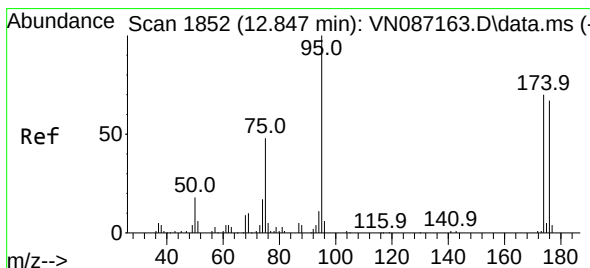
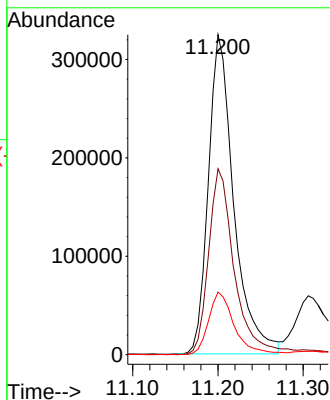
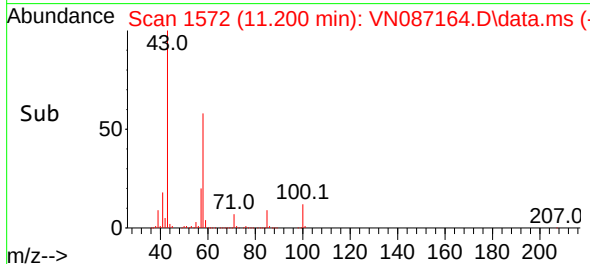
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 673308
Ion Ratio Lower Upper
43 100
58 59.0 49.2 73.8
57 20.1 15.3 22.9

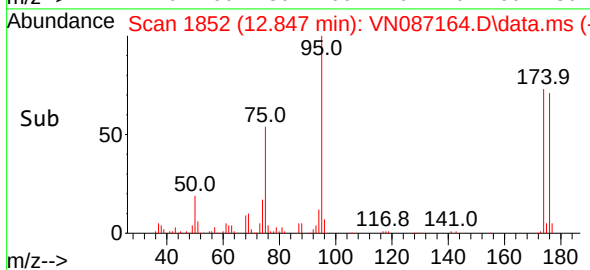
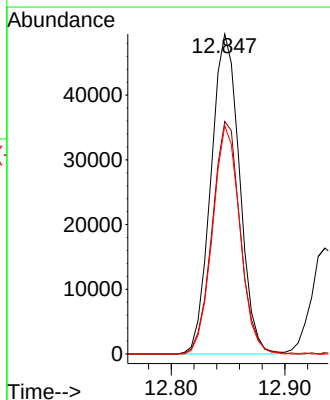
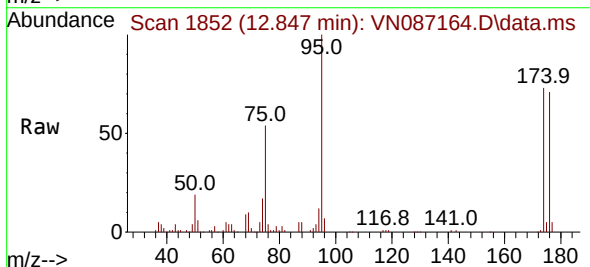
Manual Integrations
APPROVED

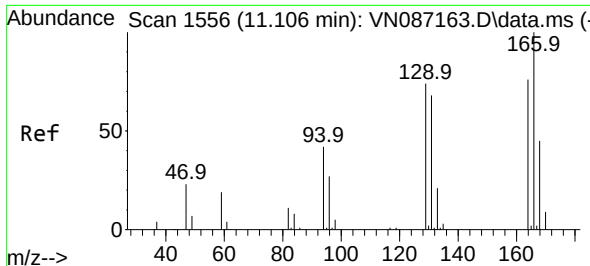
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#60
4-Bromofluorobenzene
Concen: 29.954 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

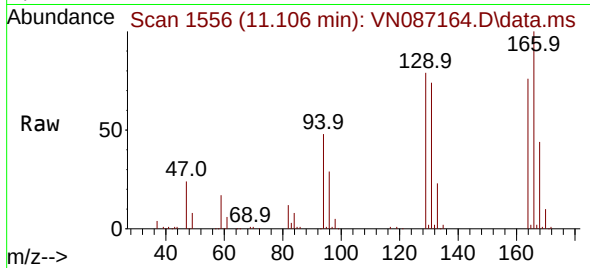
Tgt Ion: 95 Resp: 86398
Ion Ratio Lower Upper
95 100
174 71.2 54.5 81.7
176 68.5 51.9 77.9





#61
Tetrachloroethene
Concen: 29.832 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

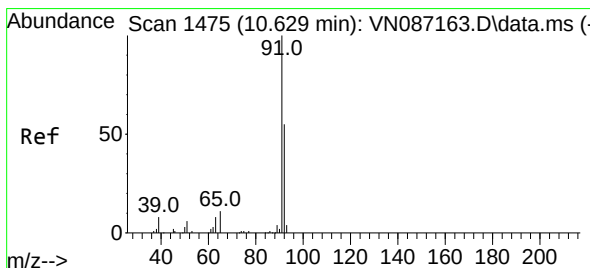
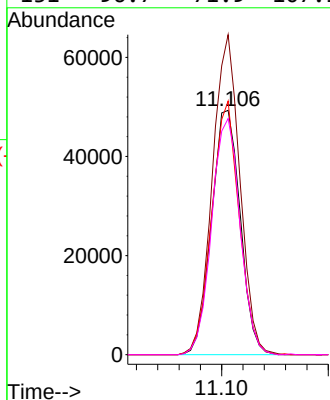
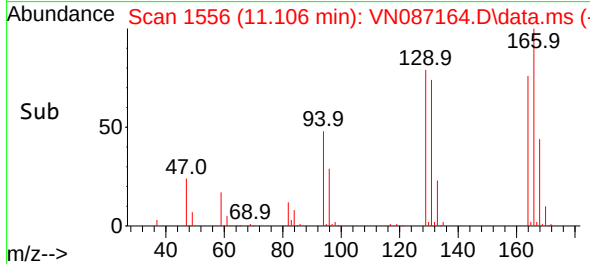
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:164 Resp: 92124
Ion Ratio Lower Upper
164 100
166 131.0 105.4 158.2
129 103.8 77.9 116.9
131 96.7 71.9 107.9

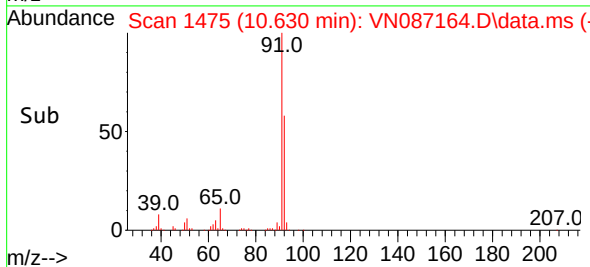
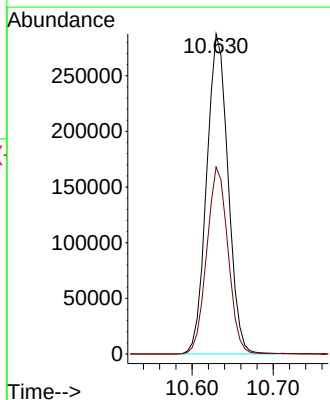
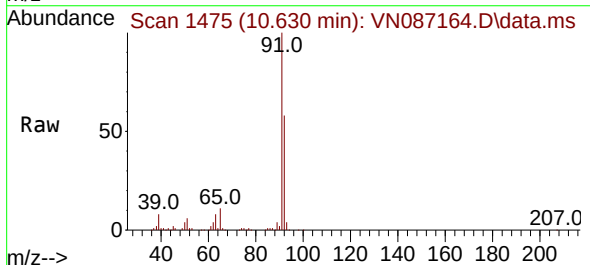
Manual Integrations
APPROVED

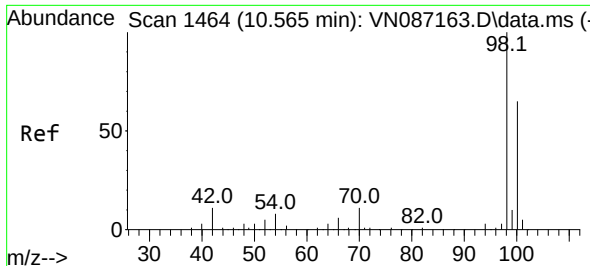
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#62
Toluene
Concen: 50.894 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

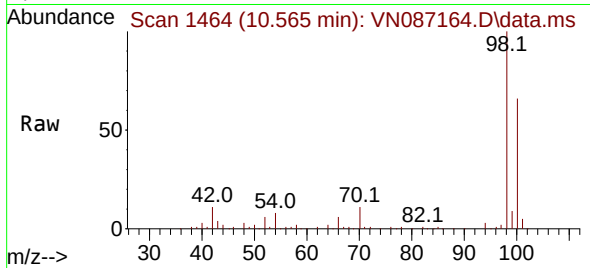
Tgt Ion: 91 Resp: 526581
Ion Ratio Lower Upper
91 100
92 58.1 45.8 68.8





#63
Toluene-d8
Concen: 28.629 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

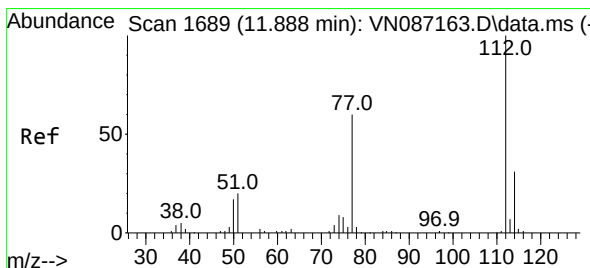
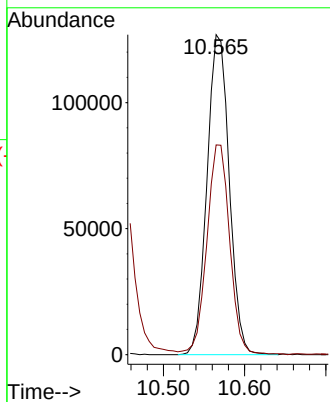
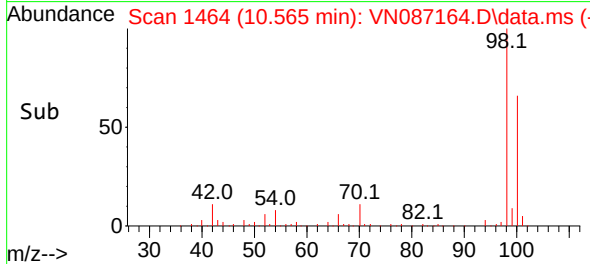
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 98 Resp: 241400
Ion Ratio Lower Upper
98 100
100 67.5 52.5 78.7

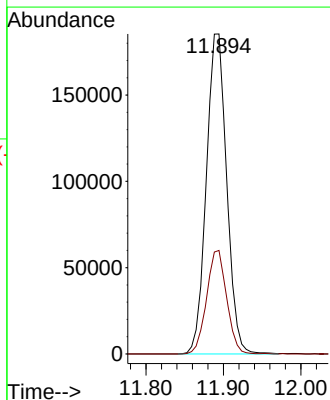
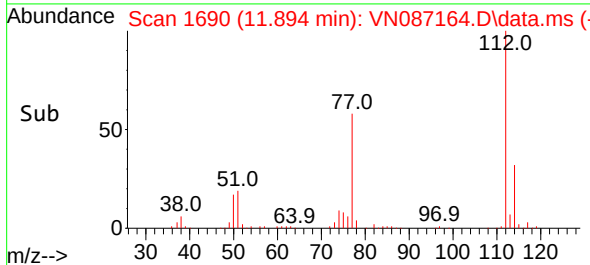
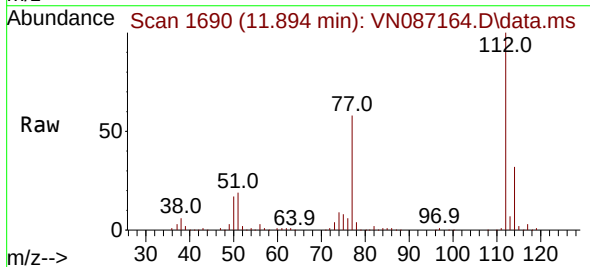
Manual Integrations
APPROVED

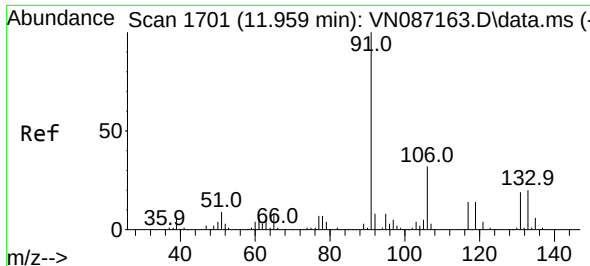
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#64
Chlorobenzene
Concen: 51.320 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

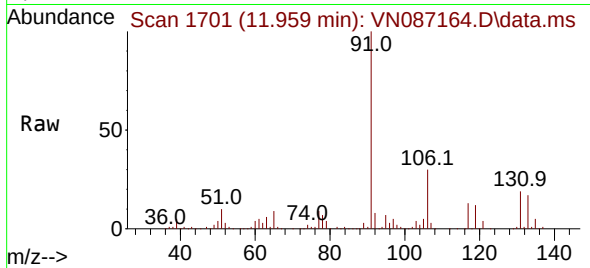
Tgt Ion:112 Resp: 338627
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 51.489 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

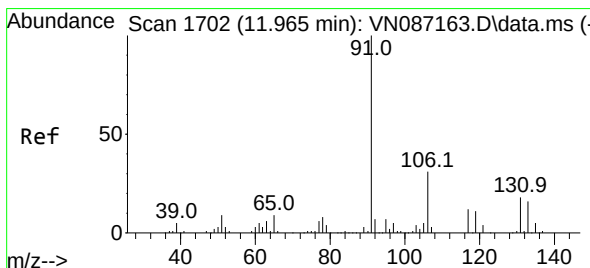
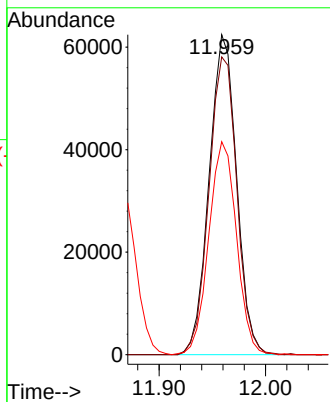
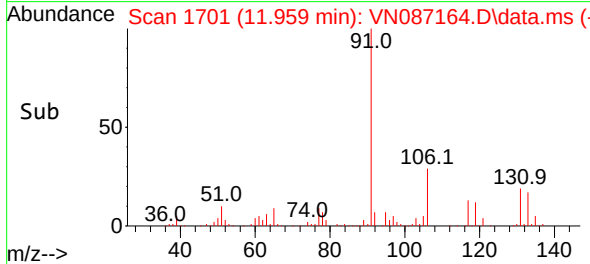
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



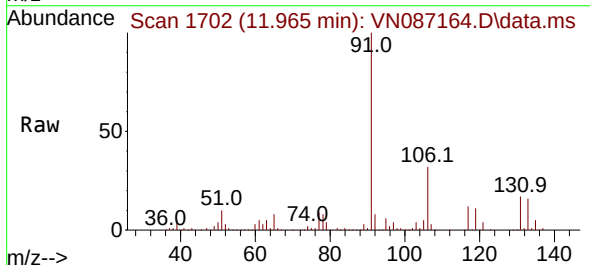
Tgt Ion:131 Resp: 11161
Ion Ratio Lower Upper
131 100
133 94.8 0.0 187.8
119 67.3 0.0 140.0

Manual Integrations
APPROVED

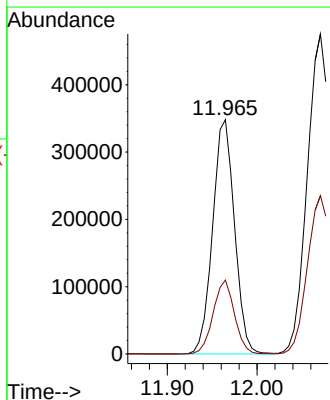
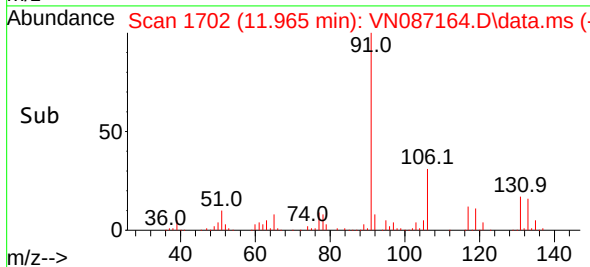
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

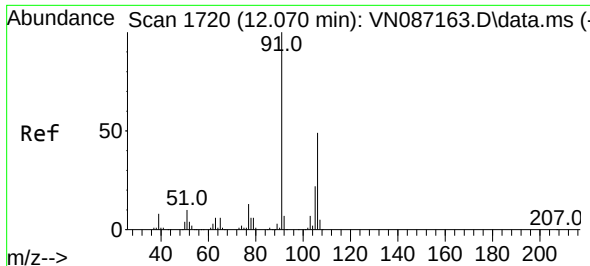


#66
Ethyl Benzene
Concen: 52.700 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41



Tgt Ion: 91 Resp: 589779
Ion Ratio Lower Upper
91 100
106 31.5 24.8 37.2





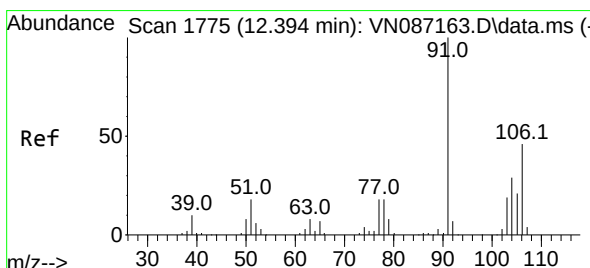
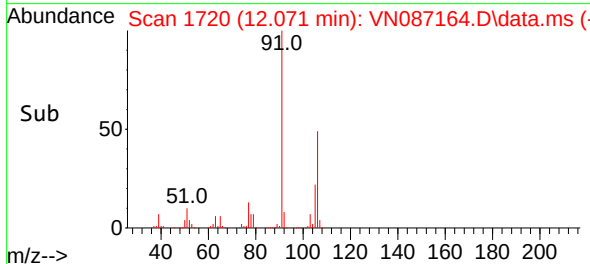
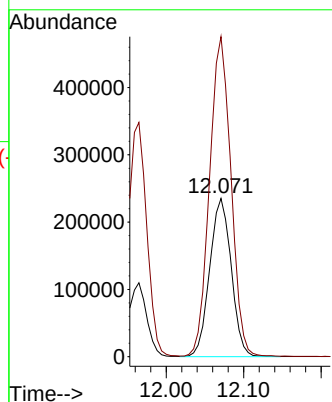
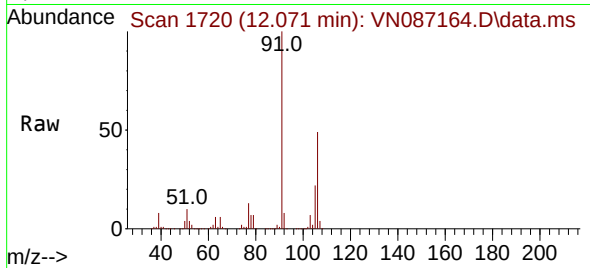
#67
m/p-Xylenes
Concen: 103.437 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 454250
Ion Ratio Lower Upper
106 100
91 201.9 163.0 244.4

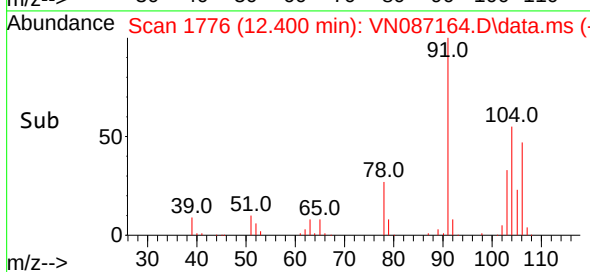
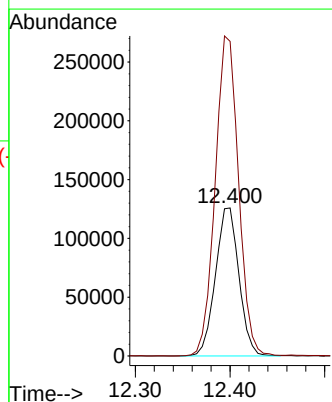
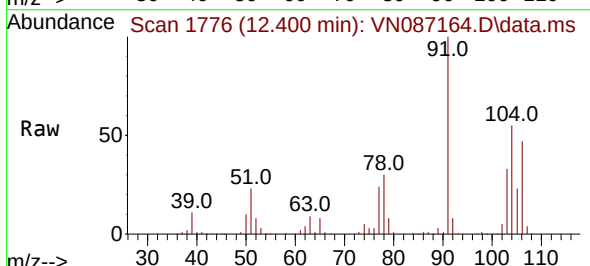
Manual Integrations
APPROVED

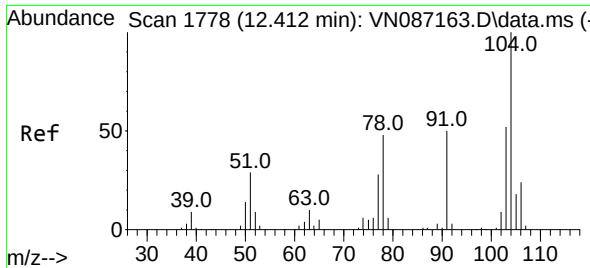
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#68
o-Xylene
Concen: 51.013 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

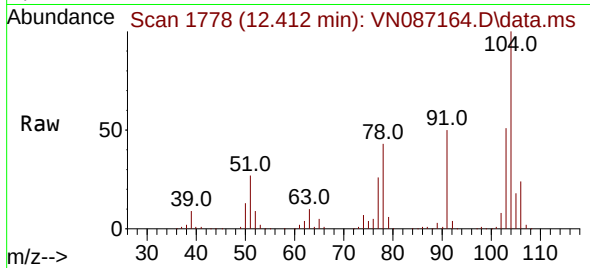
Tgt Ion:106 Resp: 217114
Ion Ratio Lower Upper
106 100
91 215.1 107.1 321.1





#69
Styrene
Concen: 53.558 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

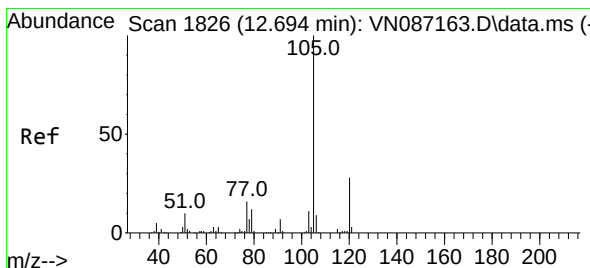
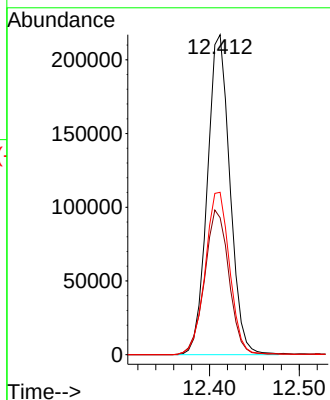
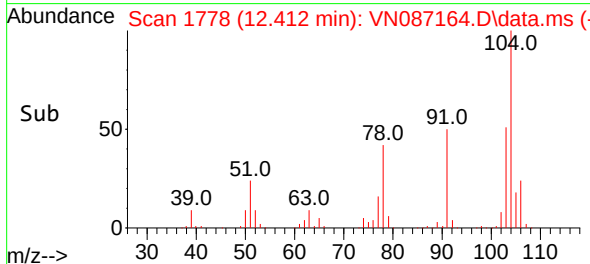
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



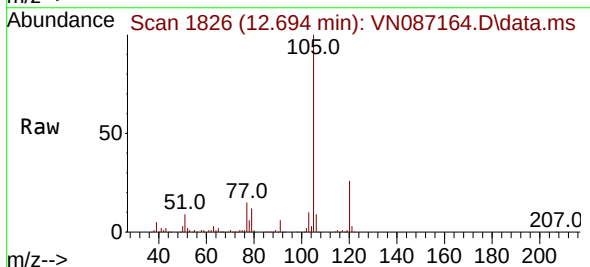
Tgt Ion:104 Resp: 37976
Ion Ratio Lower Upper
104 100
78 48.6 39.8 59.8
103 54.7 44.2 66.4

Manual Integrations
APPROVED

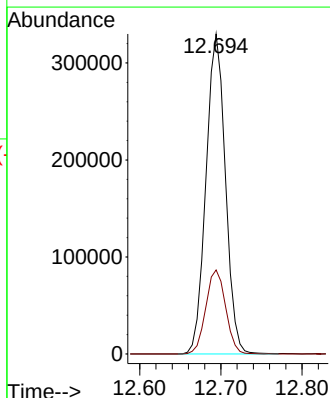
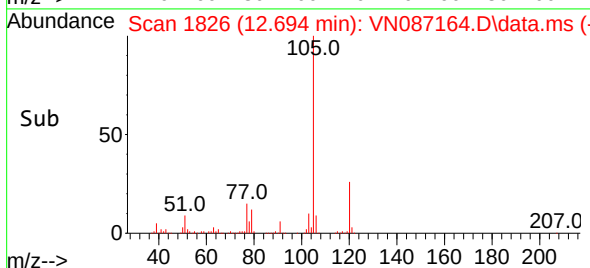
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

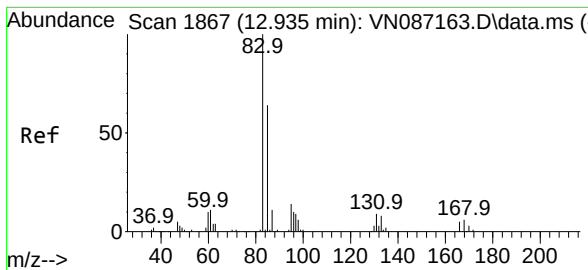


#70
Isopropylbenzene
Concen: 54.100 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41



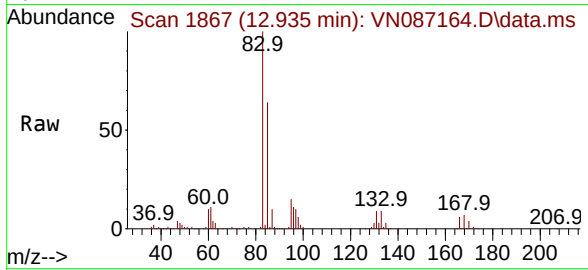
Tgt Ion:105 Resp: 547639
Ion Ratio Lower Upper
105 100
120 26.8 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 80.826 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

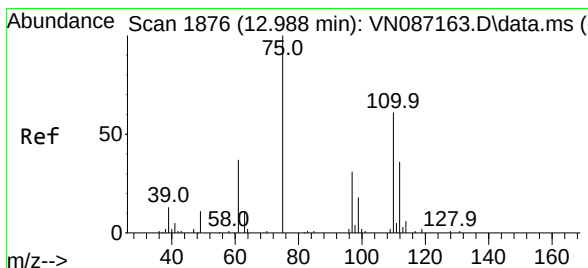
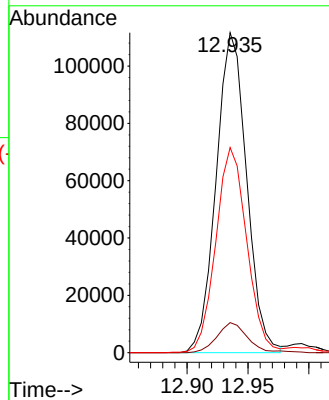
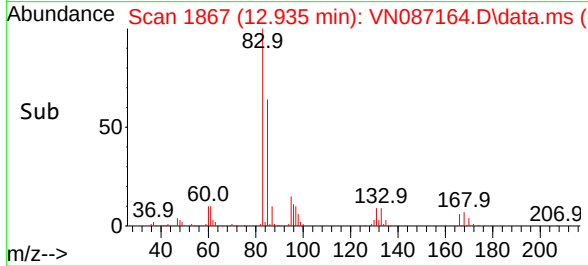
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



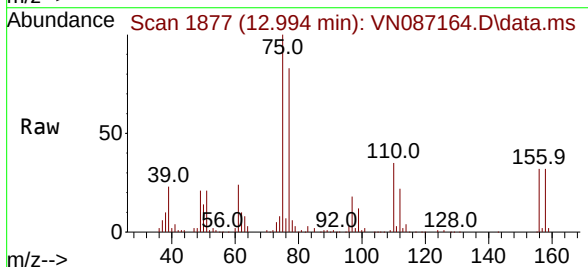
Tgt Ion: 83 Resp: 19452
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.4
85 64.9 31.3 93.9

Manual Integrations
APPROVED

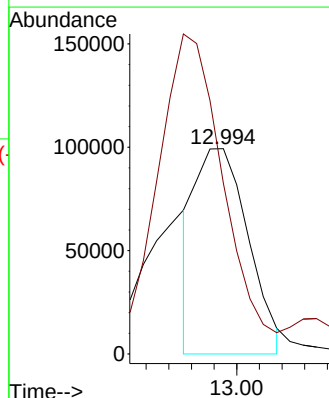
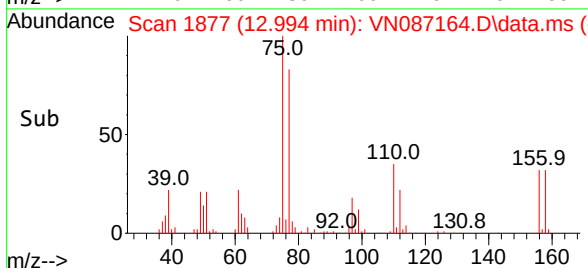
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

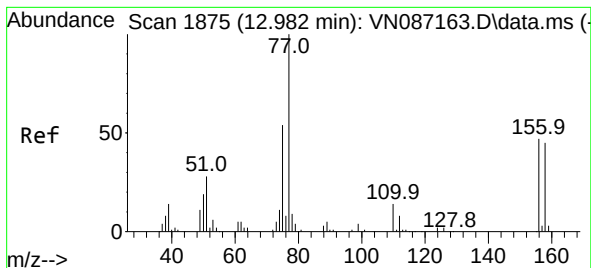


#72
1,2,3-Trichloropropane
Concen: 57.309 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41



Tgt Ion: 75 Resp: 161650
Ion Ratio Lower Upper
75 100
77 195.5 0.0 379.2





#73

Bromobenzene

Concen: 52.023 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN087164.D

Acq: 25 Jun 2025 09:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

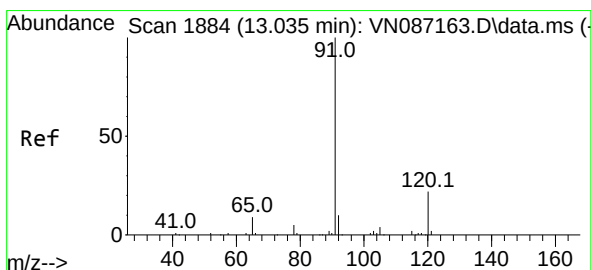
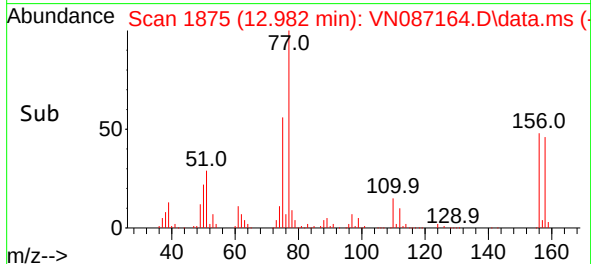
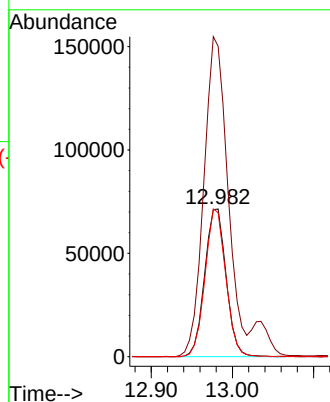
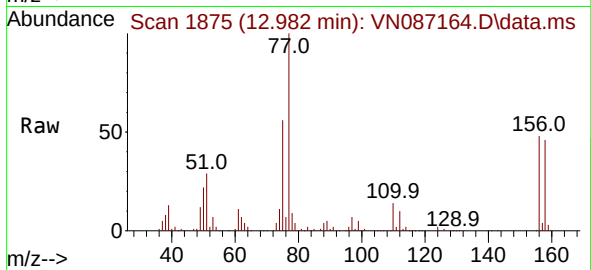
Tgt Ion:	156	Resp:	130892
Ion Ratio	Lower	Upper	
156	100		
77	241.4	0.0	489.0
158	96.7	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/26/2025



#74

n-propylbenzene

Concen: 56.743 ug/l

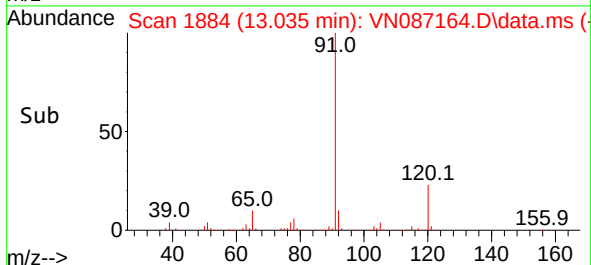
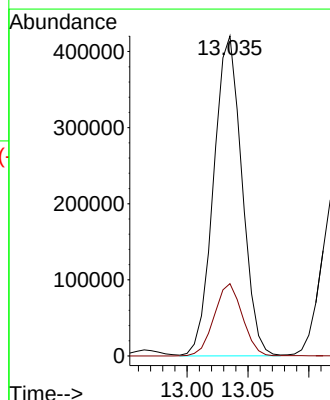
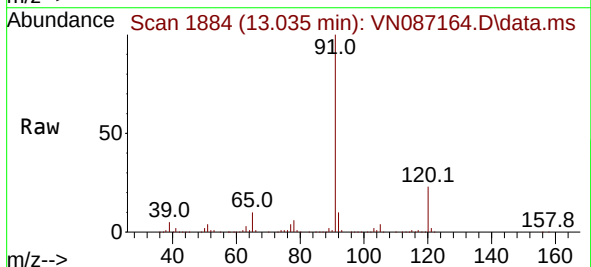
RT: 13.035 min Scan# 1884

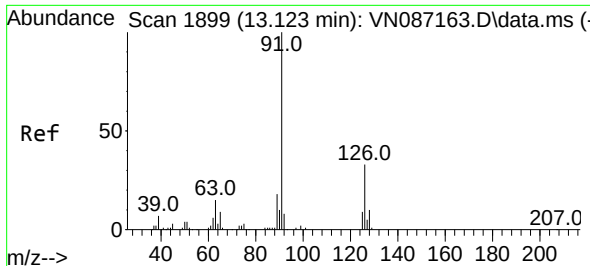
Delta R.T. 0.000 min

Lab File: VN087164.D

Acq: 25 Jun 2025 09:41

Tgt Ion:	91	Resp:	680365
Ion Ratio	Lower	Upper	
91	100		
120	22.5	0.0	43.6





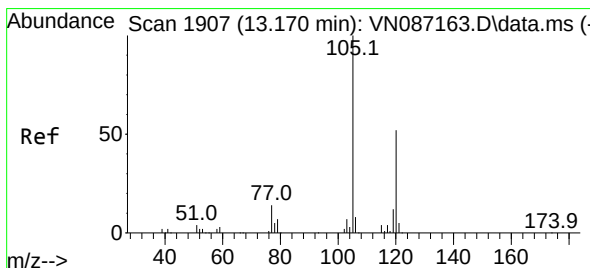
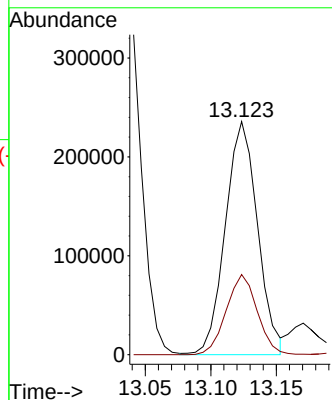
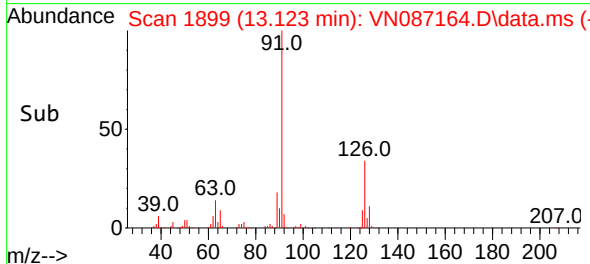
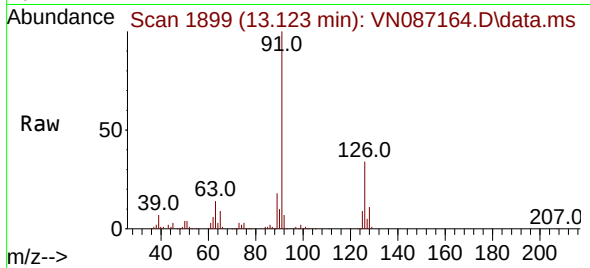
#75
2-Chlorotoluene
Concen: 52.390 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 403198
Ion Ratio Lower Upper
91 100
126 33.1 0.0 63.8

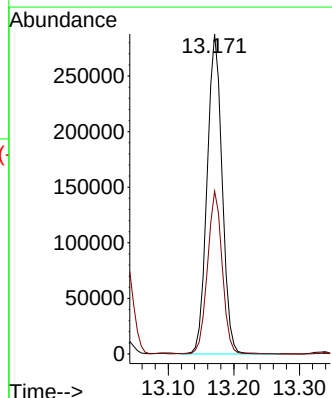
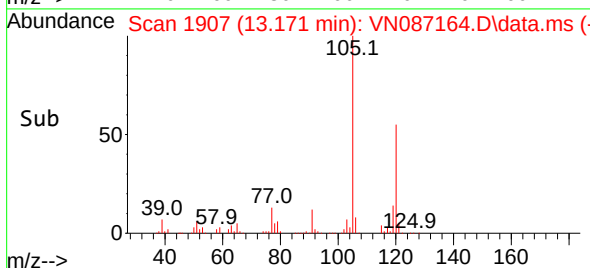
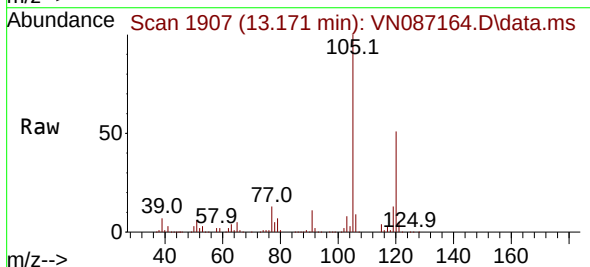
Manual Integrations
APPROVED

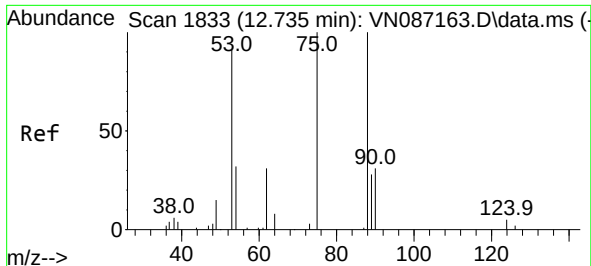
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#76
1,3,5-Trimethylbenzene
Concen: 54.494 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Tgt Ion:105 Resp: 458902
Ion Ratio Lower Upper
105 100
120 49.6 0.0 100.8





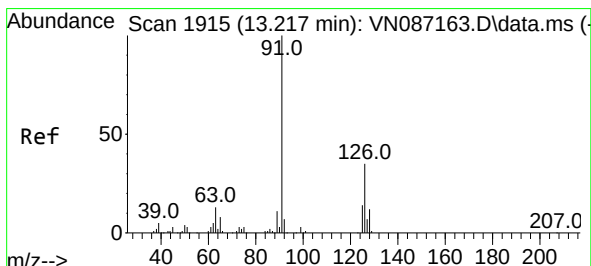
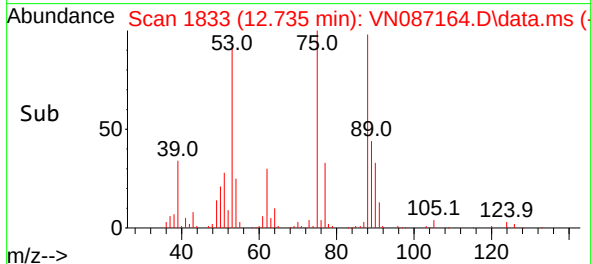
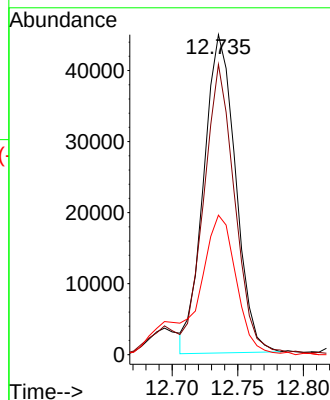
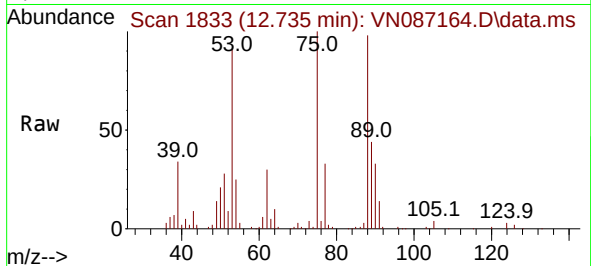
#77
t-1,4-Dichloro-2-butene
Concen: 65.634 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 75 Resp: 7576
Ion Ratio Lower Upper
75 100
53 90.1 45.9 137.6
89 43.5 22.3 66.9

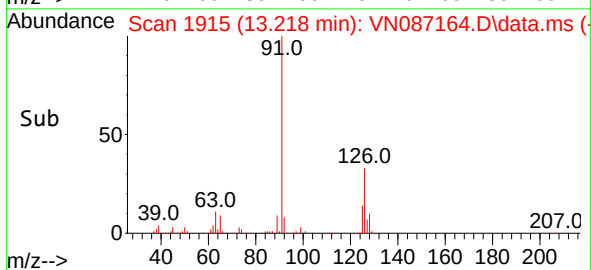
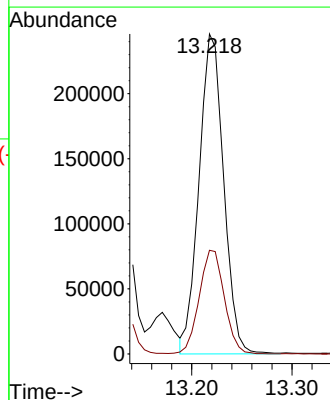
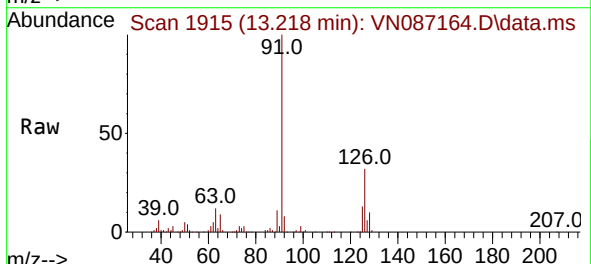
Manual Integrations
APPROVED

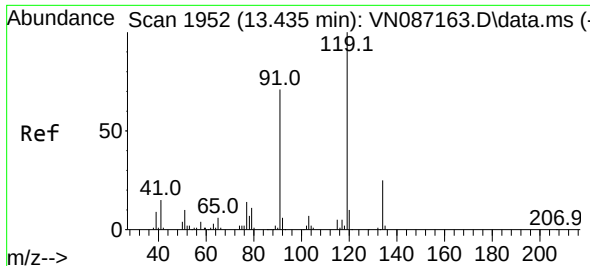
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#78
4-Chlorotoluene
Concen: 55.095 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Tgt Ion: 91 Resp: 420022
Ion Ratio Lower Upper
91 100
126 32.9 0.0 65.2





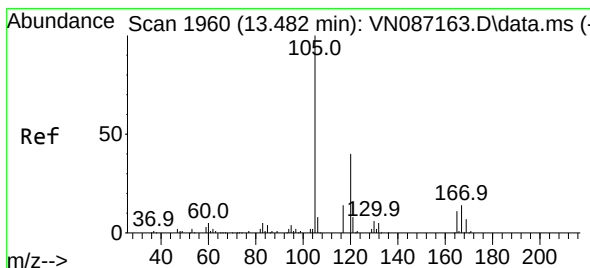
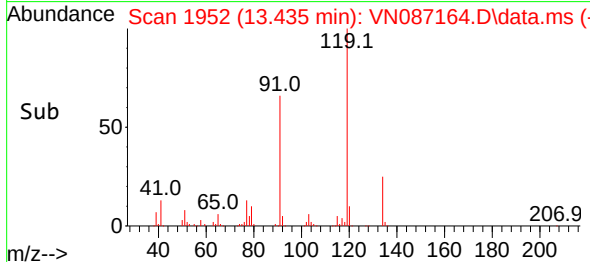
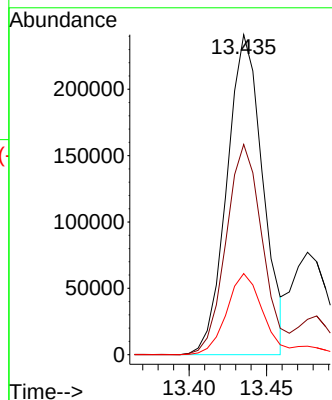
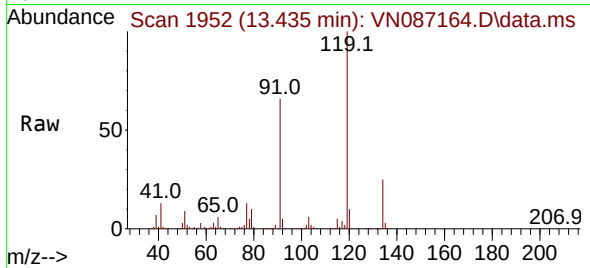
#79
tert-butylbenzene
Concen: 53.458 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:119 Resp: 38922
Ion Ratio Lower Upper
119 100
91 66.9 0.0 137.0
134 25.2 0.0 49.4

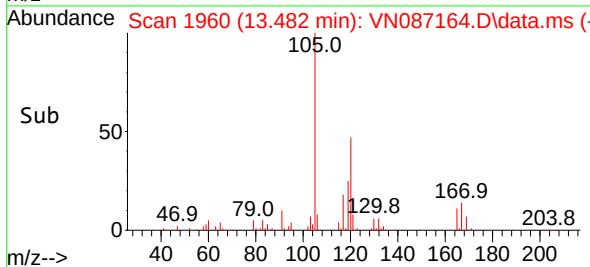
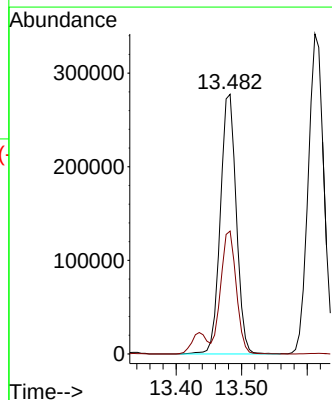
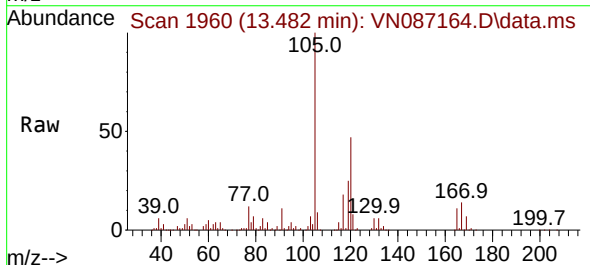
Manual Integrations
APPROVED

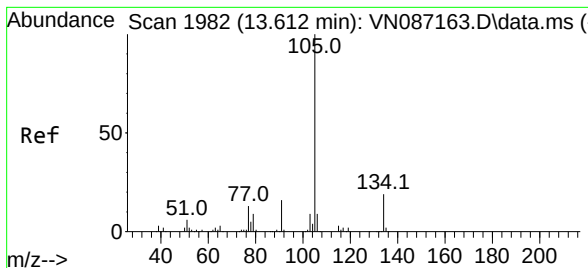
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#80
1,2,4-Trimethylbenzene
Concen: 55.177 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Tgt Ion:105 Resp: 466397
Ion Ratio Lower Upper
105 100
120 45.9 0.0 94.0





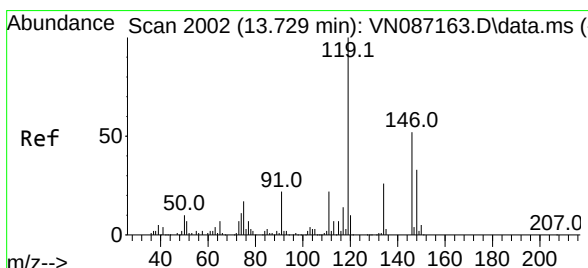
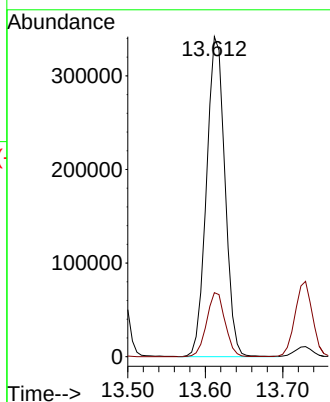
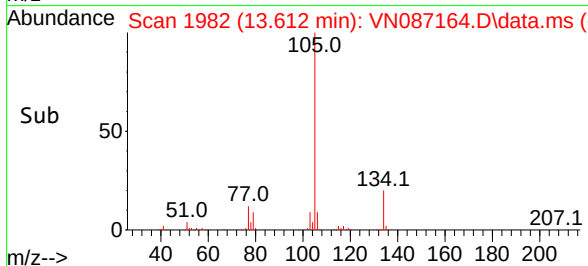
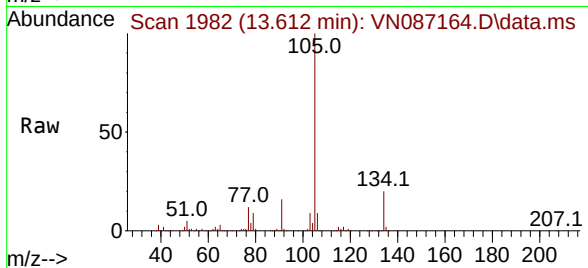
#81
 sec-Butylbenzene
 Concen: 56.952 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN087164.D
 Acq: 25 Jun 2025 09:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:105 Resp: 564900
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.4

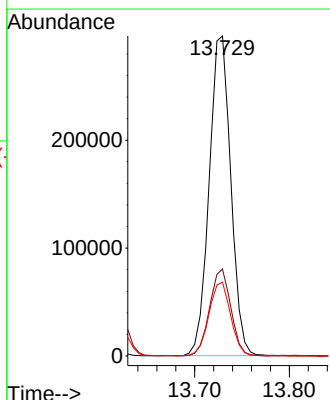
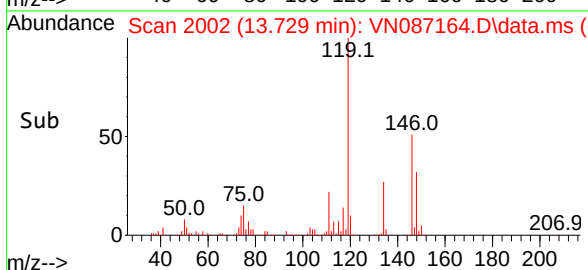
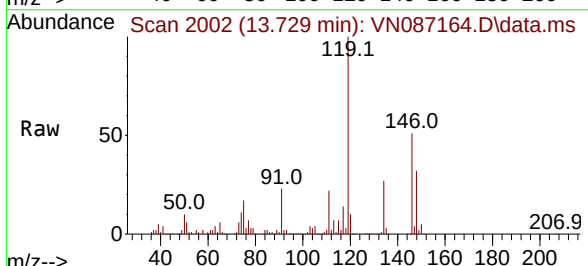
Manual Integrations
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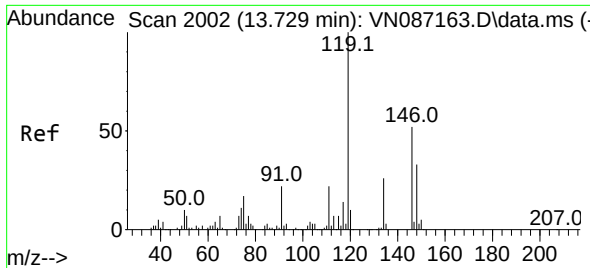
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/26/2025



#82
 p-Isopropyltoluene
 Concen: 56.404 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN087164.D
 Acq: 25 Jun 2025 09:41

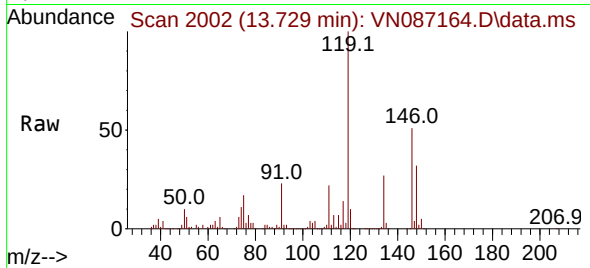
Tgt Ion:119 Resp: 469774
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 51.2
 91 23.2 0.0 46.4





#83
1,3-Dichlorobenzene
Concen: 55.740 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

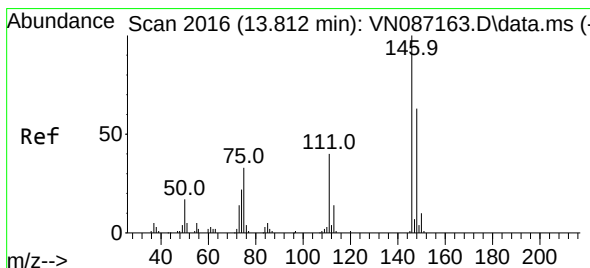
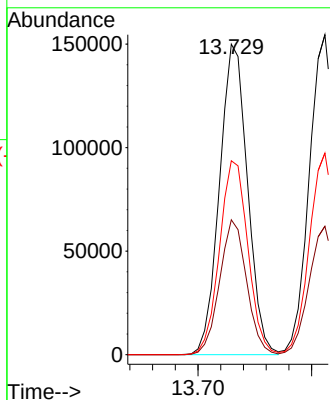
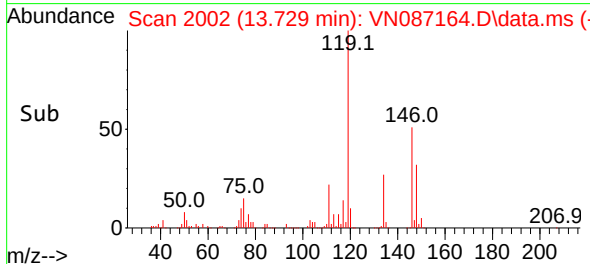
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



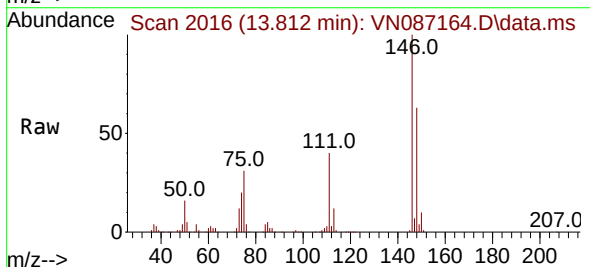
Tgt Ion:146 Resp: 25728
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.3
148 63.3 31.6 94.8

Manual Integrations
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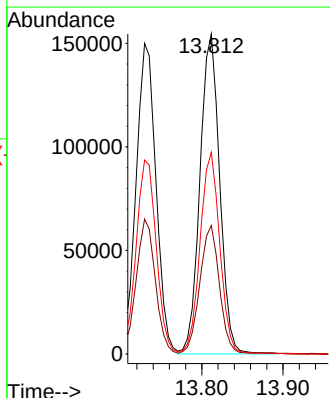
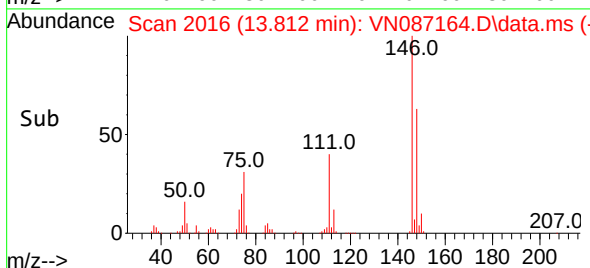
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

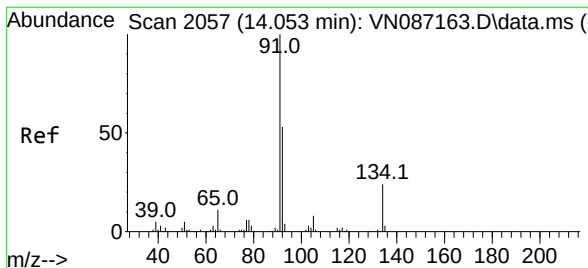


#84
1,4-Dichlorobenzene
Concen: 56.816 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41



Tgt Ion:146 Resp: 260975
Ion Ratio Lower Upper
146 100
111 39.3 20.1 60.2
148 63.0 31.4 94.2





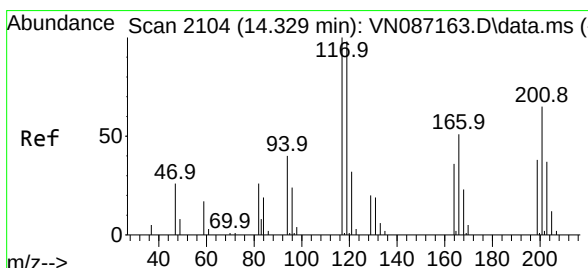
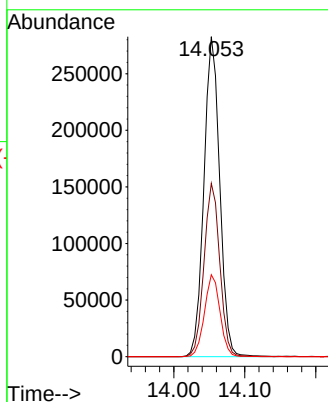
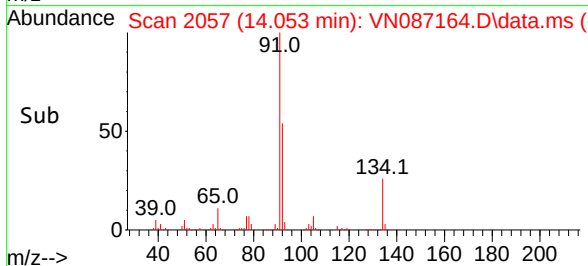
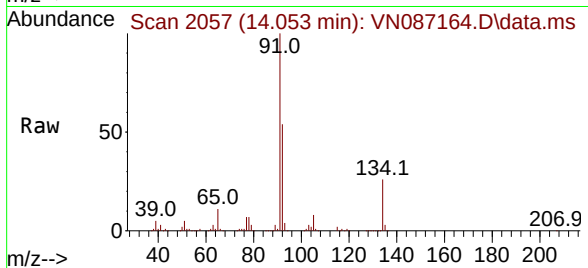
#85
n-Butylbenzene
Concen: 62.894 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 43854
Ion Ratio Lower Upper
91 100
92 53.8 0.0 106.4
134 25.2 0.0 48.8

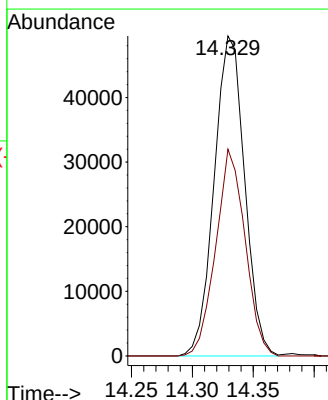
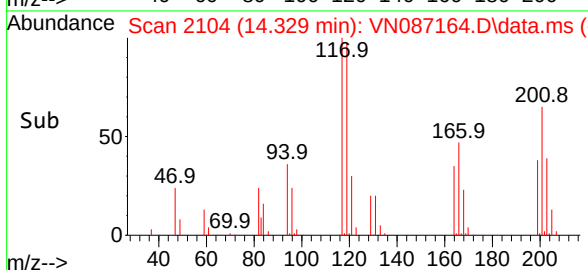
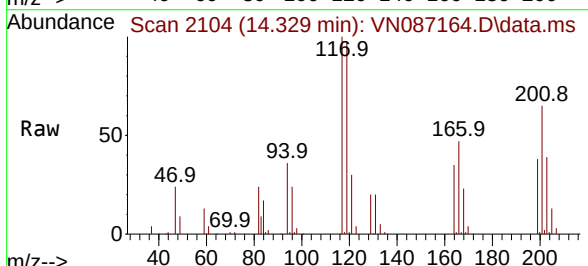
Manual Integrations
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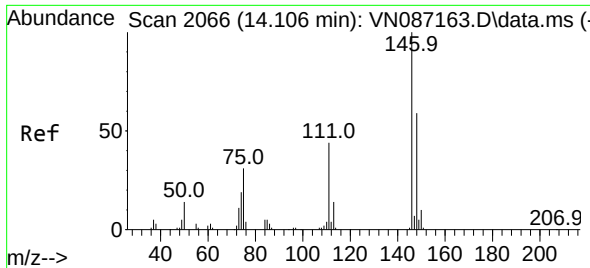
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#86
Hexachloroethane
Concen: 60.709 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

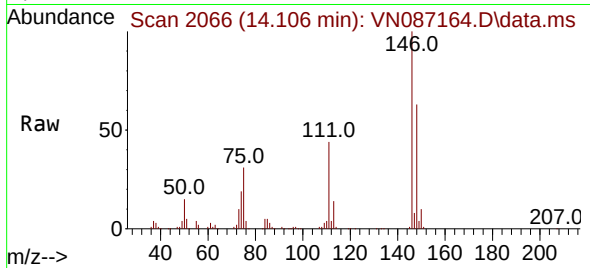
Tgt Ion:117 Resp: 86176
Ion Ratio Lower Upper
117 100
201 62.2 30.8 92.3





#87
1,2-Dichlorobenzene
Concen: 55.373 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

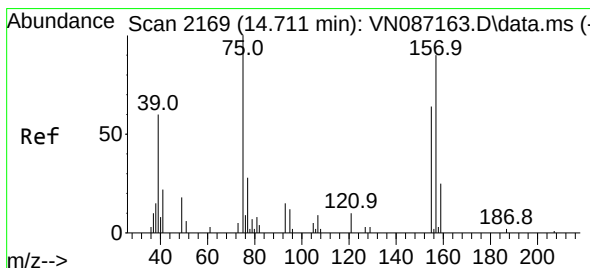
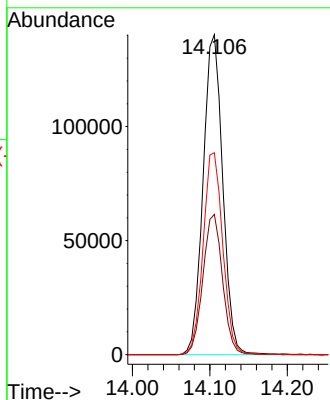
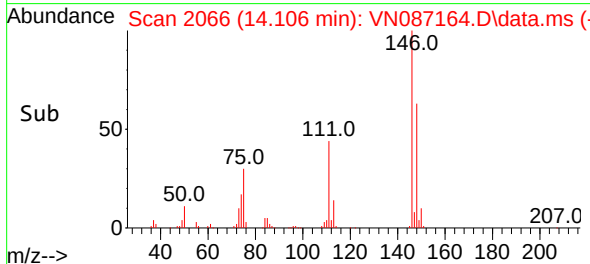
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



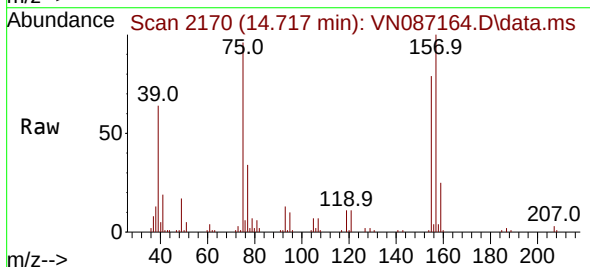
Tgt Ion:146 Resp: 24655
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.1
148 63.4 31.6 95.0

Manual Integrations
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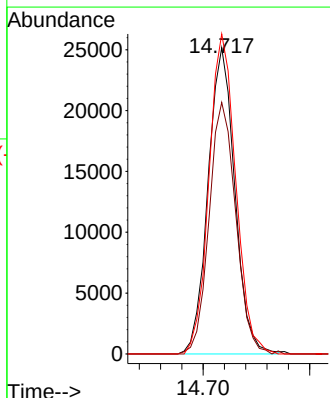
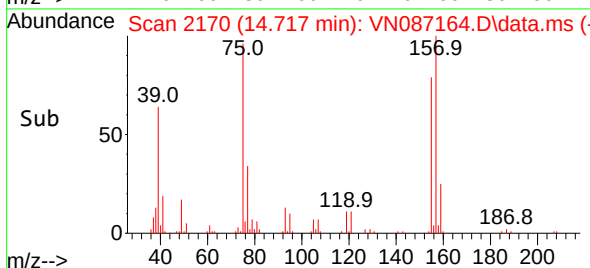
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

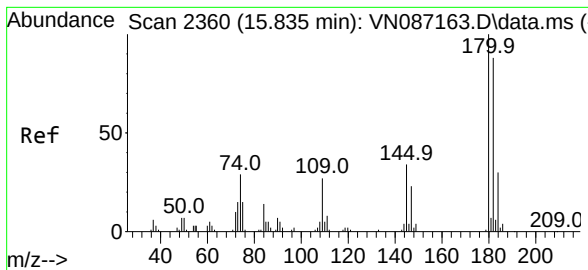


#88
1,2-Dibromo-3-Chloropropane
Concen: 86.500 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41



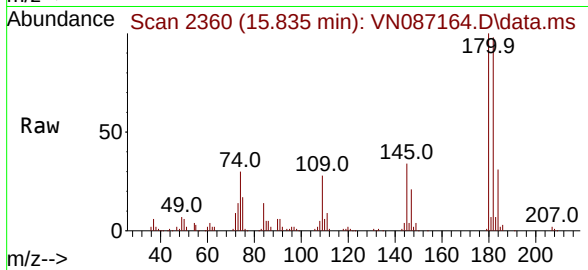
Tgt Ion: 75 Resp: 43840
Ion Ratio Lower Upper
75 100
155 81.7 58.3 87.5
157 104.3 79.2 118.8





#89
1,2,4-Trichlorobenzene
Concen: 68.396 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

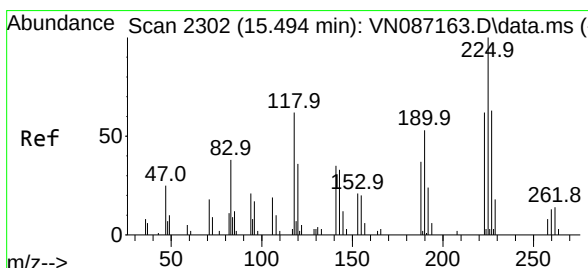
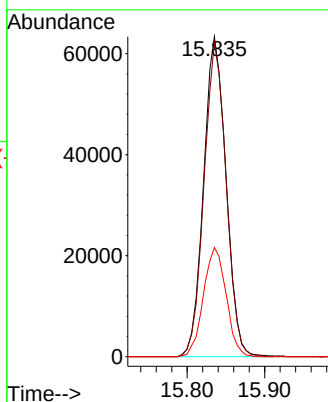
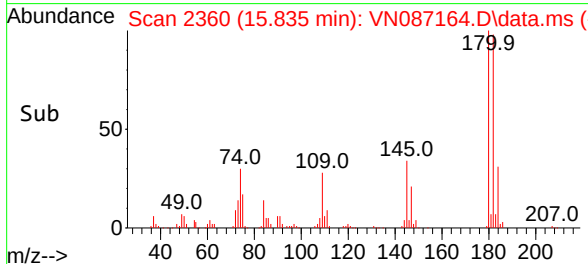
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



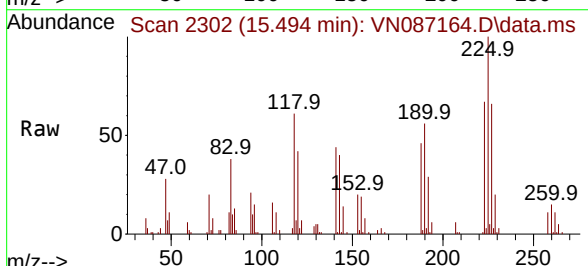
Tgt Ion:180 Resp: 127450
Ion Ratio Lower Upper
180 100
182 96.6 74.2 111.2
145 34.6 27.6 41.4

Manual Integrations
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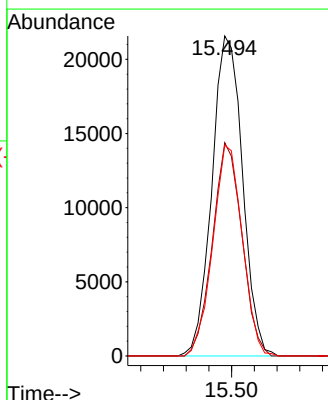
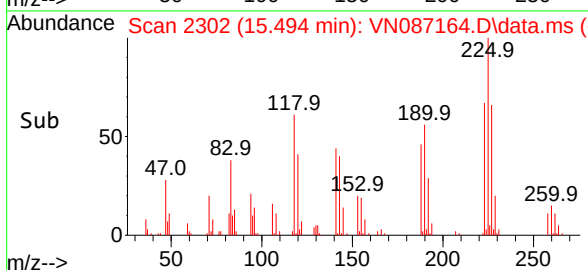
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

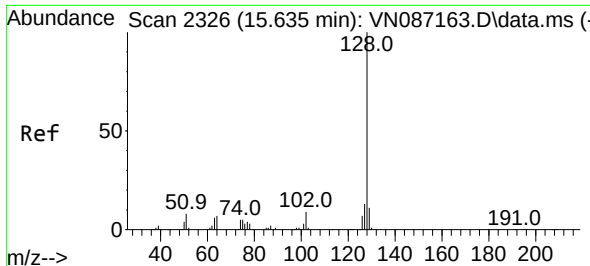


#90
Hexachlorobutadiene
Concen: 50.535 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41



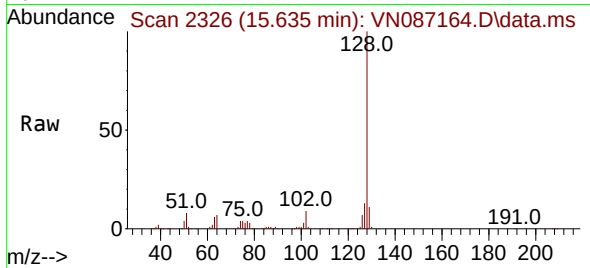
Tgt Ion:225 Resp: 40360
Ion Ratio Lower Upper
225 100
223 64.2 0.0 134.2
227 63.5 0.0 122.6





#91
Naphthalene
Concen: 81.307 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41

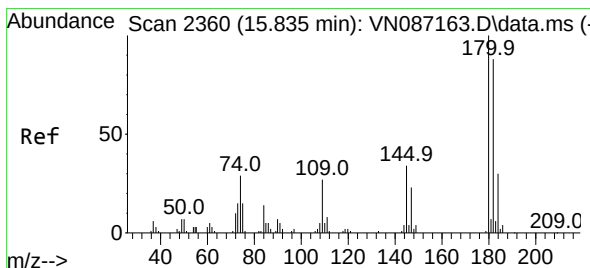
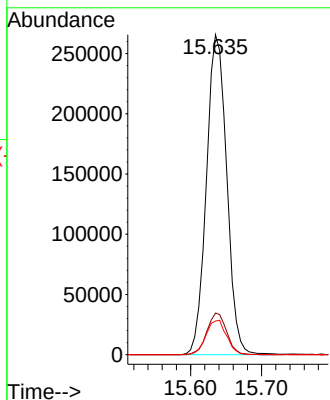
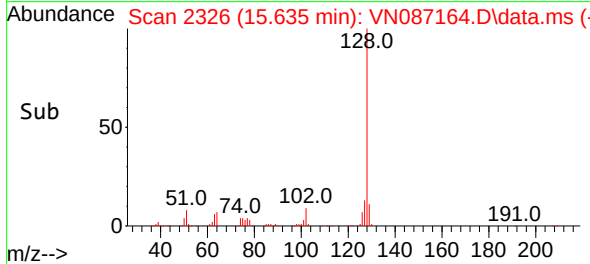
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



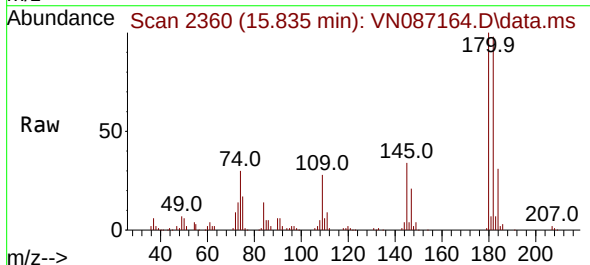
Tgt Ion:128 Resp: 528628
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.9 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#92
1,2,3-Trichlorobenzene
Concen: 68.396 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN087164.D
Acq: 25 Jun 2025 09:41



Tgt Ion:180 Resp: 127450
Ion Ratio Lower Upper
180 100
182 96.6 0.0 185.4
145 34.6 0.0 69.0

