

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
 Data File : VN087452.D
 Acq On : 05 Aug 2025 13:37
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 06 01:26:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 01:24:35 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/06/2025
 Supervised By : Mahesh Dadoda 08/06/2025

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

Internal Standards						
1) Bromochloromethane	7.794	128	66791	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	367765	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	324158	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	185120	30.050	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.167%			
60) 4-Bromofluorobenzene	12.829	95	166050	29.766	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.233%			
63) Toluene-d8	10.547	98	457922	30.702	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.333%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	19809	4.543	ug/l	97
3) Chloromethane	2.383	50	22193	4.960	ug/l	98
4) Vinyl Chloride	2.542	62	23292	4.908	ug/l	93
5) Bromomethane	2.977	94	11433	4.451	ug/l	96
6) Chloroethane	3.136	64	15730	5.141	ug/l	96
7) Trichlorofluoromethane	3.500	101	35964	5.266	ug/l #	81
8) Diethyl Ether	3.965	74	14911	5.241	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	19105	5.486	ug/l	63
10) 1,1-Dichloroethene	4.342	96	18969	5.185	ug/l	96
11) Methyl Iodide	4.583	142	8659m	3.021	ug/l	
12) Methyl Acetate	5.024	43	32749	4.851	ug/l #	91
13) Acrolein	4.183	56	25602	24.838	ug/l	92
14) Acrylonitrile	5.706	53	75304	25.546	ug/l	99
15) Acetone	4.424	58	23455	27.848	ug/l	88
16) Carbon Disulfide	4.706	76	60257	5.310	ug/l	100
17) Allyl chloride	5.018	41	37245	4.995	ug/l	91
18) Methylene Chloride	5.265	84	25316	5.377	ug/l	87
19) trans-1,2-Dichloroethene	5.777	96	23167m	5.326	ug/l	
20) Diisopropyl ether	6.659	45	85498	5.036	ug/l #	98
21) 1,1-Dichloroethane	6.553	63	44299	5.045	ug/l	99
22) cis-1,2-Dichloroethene	7.465	96	27569	5.151	ug/l #	88
23) tert-Butyl Alcohol	5.524	59	33736	26.933	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	84726	5.083	ug/l #	69
25) Chloroform	7.947	83	47159	5.146	ug/l	98
26) Cyclohexane	8.241	56	35104	4.994	ug/l #	93
29) 1,1-Dichloropropene	8.353	75	31744	5.292	ug/l	92
30) 2-Butanone	7.471	43	115688	26.165	ug/l #	83
31) 2,2-Dichloropropane	7.471	77	41219	5.328	ug/l #	61
32) 1,1,1-Trichloroethane	8.153	97	39911	5.217	ug/l	99
33) Carbon Tetrachloride	8.341	117	32877	5.173	ug/l	96
34) Benzene	8.582	78	98586	5.207	ug/l #	81
35) Methacrylonitrile	7.771	41	25099	5.260	ug/l	93
36) 1,2-Dichloroethane	8.647	62	40495	5.291	ug/l	97
37) Trichloroethene	9.335	130	21742	5.213	ug/l	92
38) Methylcyclohexane	9.577	83	36974	5.313	ug/l	98
39) 1,2-Dichloropropane	9.600	63	25889	5.333	ug/l	91
40) Dibromomethane	9.688	93	19402	5.327	ug/l	99
41) Bromodichloromethane	9.871	83	40582	5.362	ug/l #	95
42) Vinyl Acetate	6.594	43	374548	25.723	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	45639m	5.423	ug/l	
44) Isopropyl Acetate	8.677	43	75250	5.197	ug/l	98
45) 1,4-Dioxane	9.682	88	9597	103.972	ug/l #	85
46) Methyl methacrylate	9.665	41	35322	5.168	ug/l	98
47) n-amyl Acetate	12.682	43	32939m	4.524	ug/l	
48) t-1,3-Dichloropropene	10.818	75	41412	5.029	ug/l	95
49) cis-1,3-Dichloropropene	10.294	75	42124	5.083	ug/l #	94
50) 1,1,2-Trichloroethane	10.994	97	23578	5.123	ug/l	93
51) Ethyl methacrylate	10.859	69	36705	4.529	ug/l	97
52) 1,3-Dichloropropane	11.141	76	42828	5.166	ug/l	97
53) Dibromochloromethane	11.341	129	26196	4.929	ug/l	95
54) 1,2-Dibromoethane	11.447	107	24555	5.026	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	114298	26.788	ug/l	99
56) Bromoform	12.559	173	16434	4.675	ug/l #	78
58) 4-Methyl-2-Pentanone	10.424	43	219603	26.335	ug/l	99
59) 2-Hexanone	11.182	43	130616	23.053	ug/l	99
61) Tetrachloroethene	11.082	164	17278	5.471	ug/l	92
62) Toluene	10.612	91	106690	5.333	ug/l	100
64) Chlorobenzene	11.871	112	65821	5.354	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	23260	5.381	ug/l	98
66) Ethyl Benzene	11.947	91	116379	5.219	ug/l	97
67) m/p-Xylenes	12.053	106	85967	10.503	ug/l	96
68) o-Xylene	12.376	106	42724	5.306	ug/l	95
69) Styrene	12.394	104	67893	4.938	ug/l	97
70) Isopropylbenzene	12.676	105	104723	5.119	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.918	83	37401	5.336	ug/l	97
72) 1,2,3-Trichloropropane	12.976	75	34102m	4.733	ug/l	
73) Bromobenzene	12.959	156	25284	5.331	ug/l	94
74) n-propylbenzene	13.018	91	134786	5.275	ug/l	99
75) 2-Chlorotoluene	13.106	91	84827	5.397	ug/l	95
76) 1,3,5-Trimethylbenzene	13.153	105	92128	5.259	ug/l	100
77) t-1,4-Dichloro-2-butene	12.718	75	10355	4.189	ug/l	79
78) 4-Chlorotoluene	13.200	91	83697	5.255	ug/l	98
79) tert-butylbenzene	13.417	119	77933	5.277	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	90309	5.159	ug/l	100
81) sec-Butylbenzene	13.594	105	113073	5.259	ug/l	97
82) p-Isopropyltoluene	13.706	119	95127	5.329	ug/l	99
83) 1,3-Dichlorobenzene	13.717	146	47197	5.226	ug/l	96
84) 1,4-Dichlorobenzene	13.788	146	47756	5.216	ug/l	97
85) n-Butylbenzene	14.035	91	89004	5.096	ug/l	99
86) Hexachloroethane	14.312	117	17680	5.072	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	43857	5.087	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.694	75	9336	5.257	ug/l	98
89) 1,2,4-Trichlorobenzene	15.811	180	26729	5.188	ug/l	98
90) Hexachlorobutadiene	15.470	225	11972	5.976	ug/l	80
91) Naphthalene	15.617	128	97646	4.971	ug/l	98
92) 1,2,3-Trichlorobenzene	15.811	180	26729	5.188	ug/l	98

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

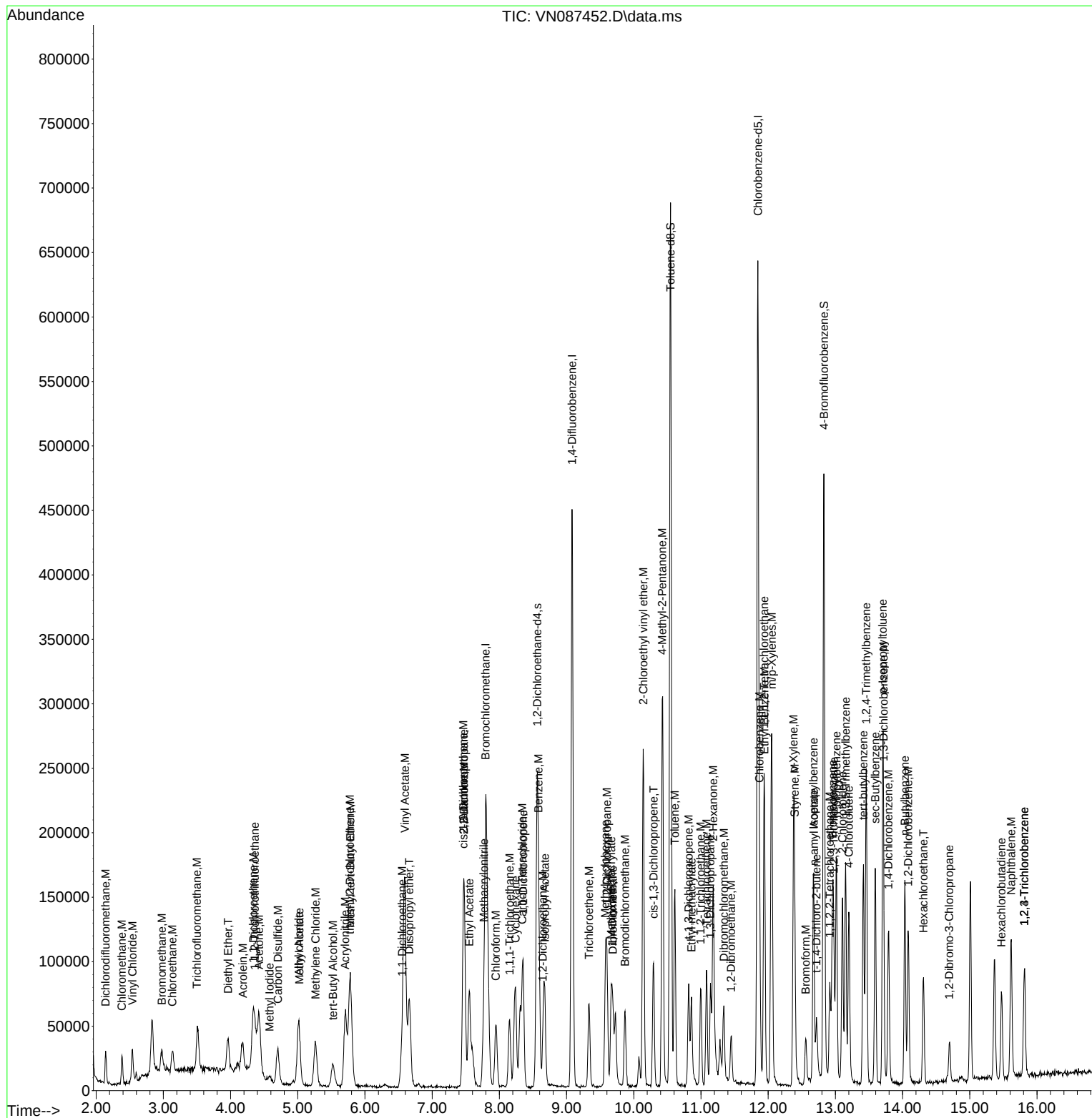
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
 Data File : VN087452.D
 Acq On : 05 Aug 2025 13:37
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations APPROVED

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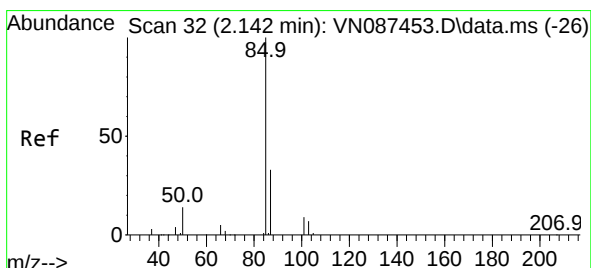
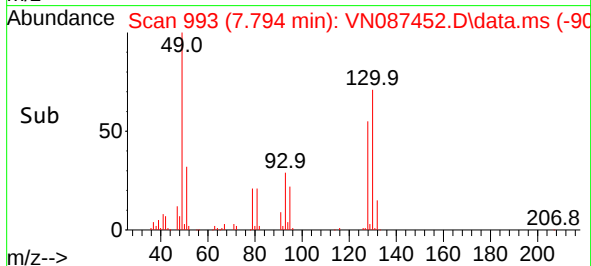
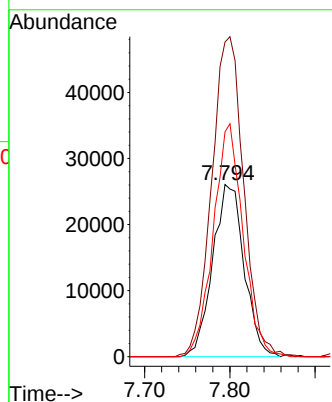
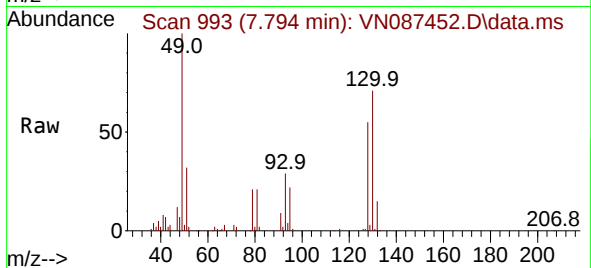
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 6679
Ion Ratio Lower Upper
128 100
49 189.1 0.0 494.8
130 128.0 0.0 321.5

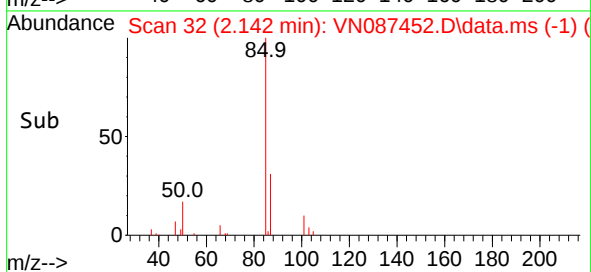
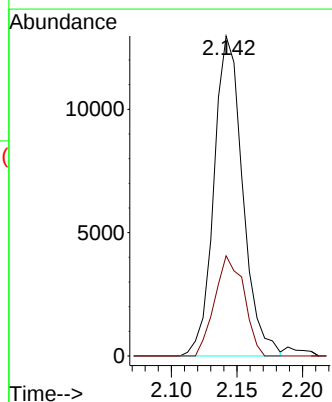
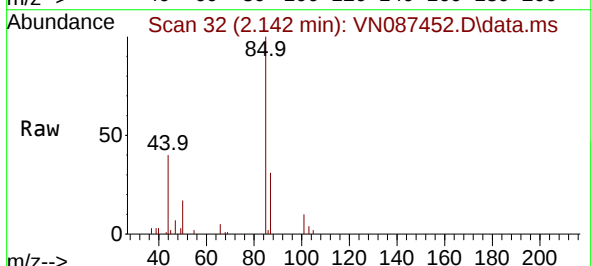
Manual Integrations
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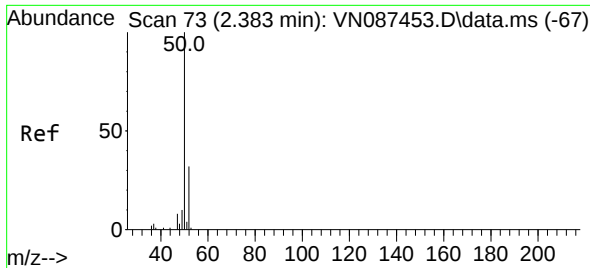
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#2
Dichlorodifluoromethane
Concen: 4.543 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

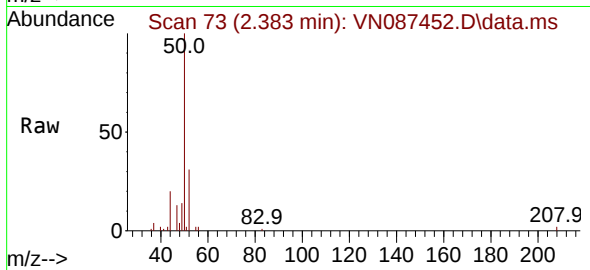
Tgt Ion: 85 Resp: 19809
Ion Ratio Lower Upper
85 100
87 31.3 16.4 49.2





#3
Chloromethane
Concen: 4.960 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

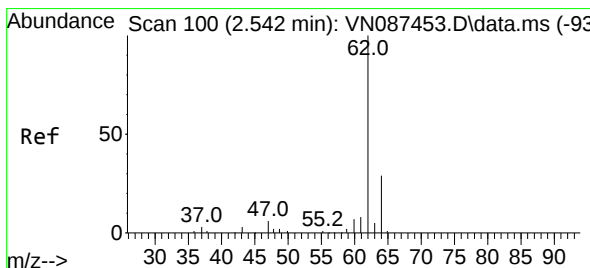
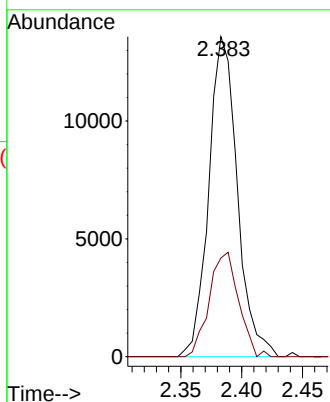
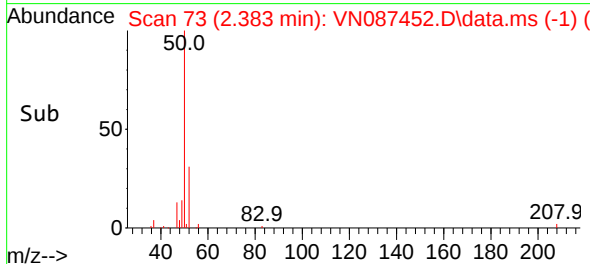
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 2219
Ion Ratio Lower Upper
50 100
52 30.8 25.8 38.6

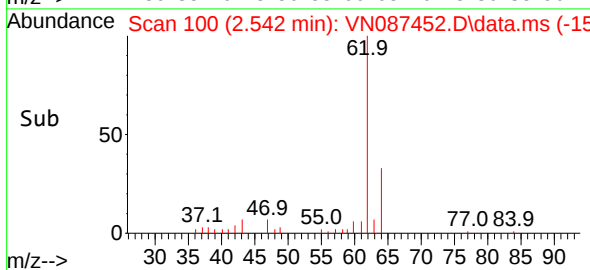
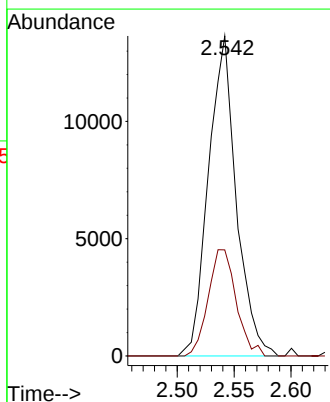
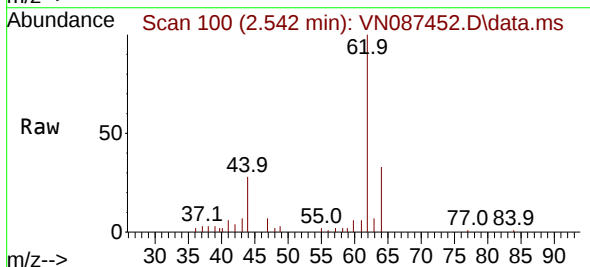
Manual Integrations
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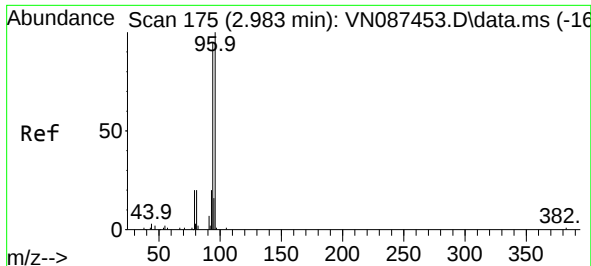
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#4
Vinyl Chloride
Concen: 4.908 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

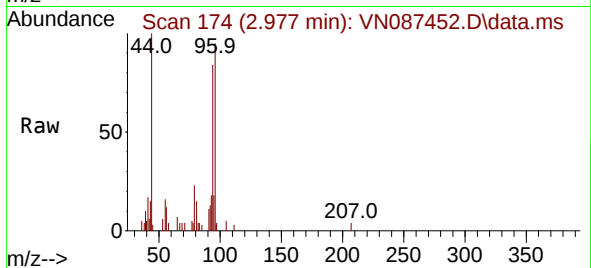
Tgt Ion: 62 Resp: 23292
Ion Ratio Lower Upper
62 100
64 33.2 23.4 35.2





#5
Bromomethane
Concen: 4.451 ug/l
RT: 2.977 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

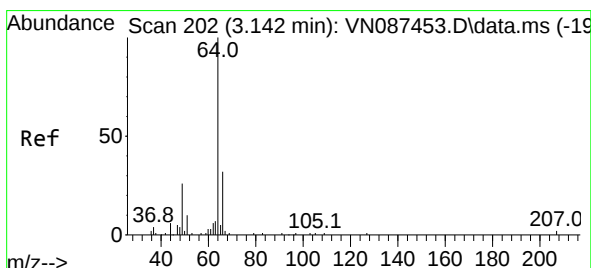
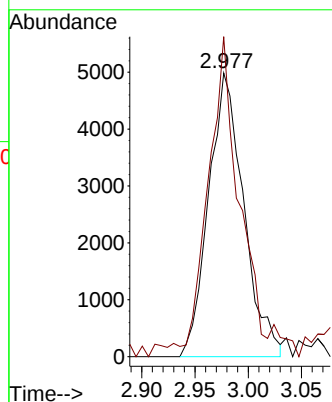
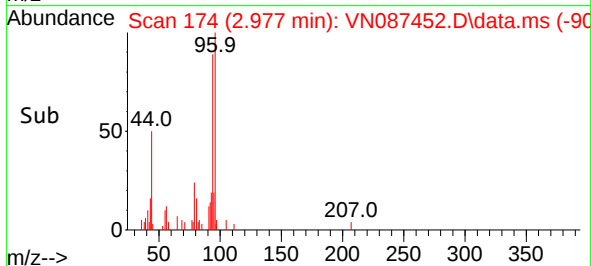
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 1143
Ion Ratio Lower Upper
94 100
96 109.2 84.2 126.4

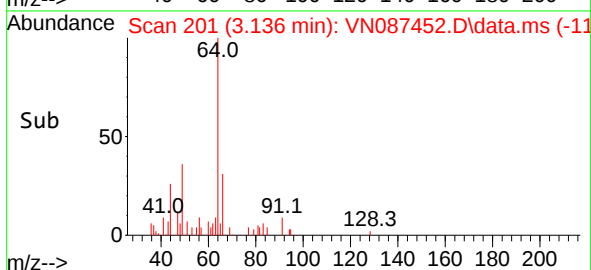
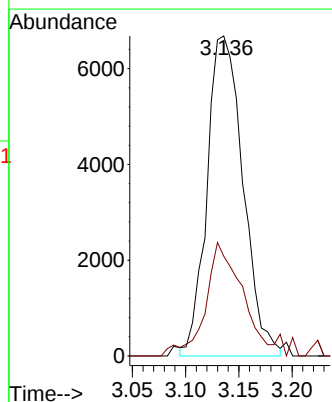
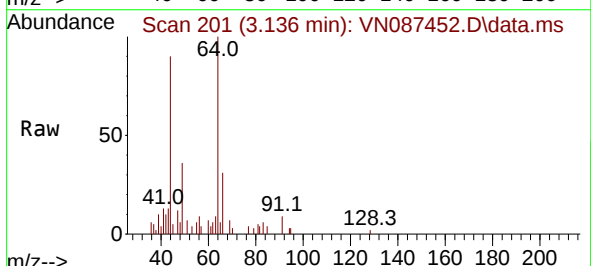
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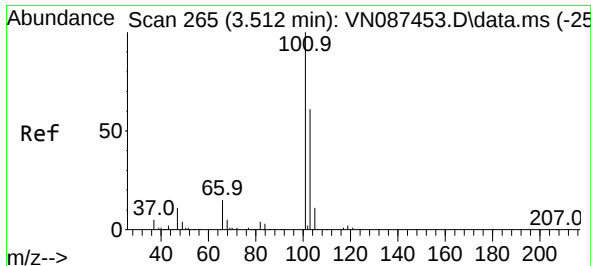
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#6
Chloroethane
Concen: 5.141 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

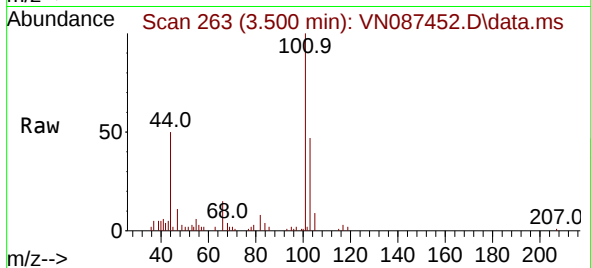
Tgt Ion: 64 Resp: 15730
Ion Ratio Lower Upper
64 100
66 29.2 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 5.266 ug/l
 RT: 3.500 min Scan# 265
 Delta R.T. -0.012 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

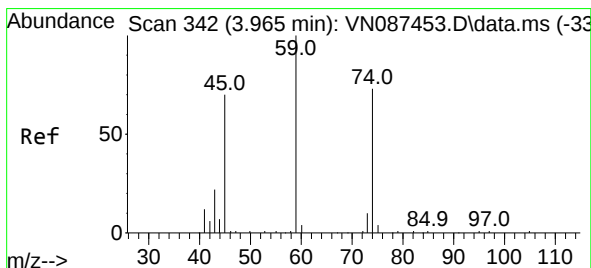
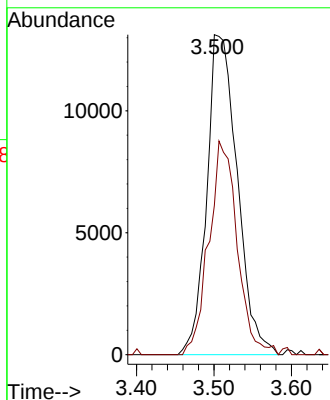
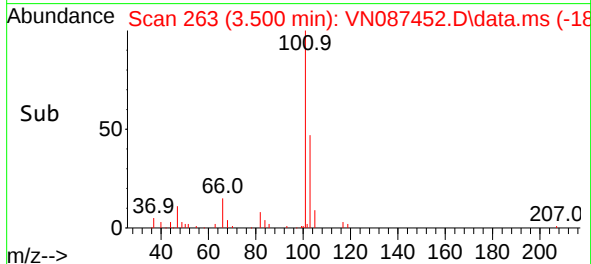
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 101 Resp: 35964
 Ion Ratio Lower Upper
 101 100
 103 46.7 49.2 73.8

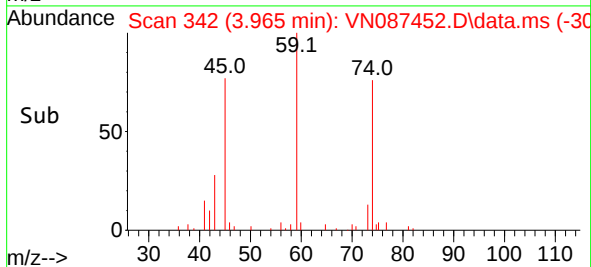
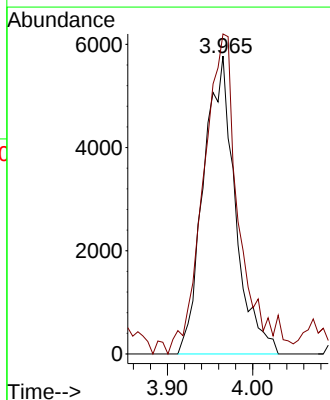
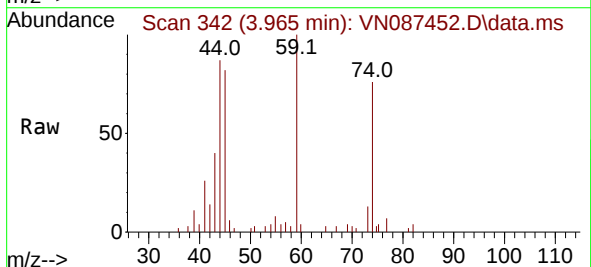
Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#8
 Diethyl Ether
 Concen: 5.241 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

Tgt Ion: 74 Resp: 14911
 Ion Ratio Lower Upper
 74 100
 45 105.9 20.1 180.9





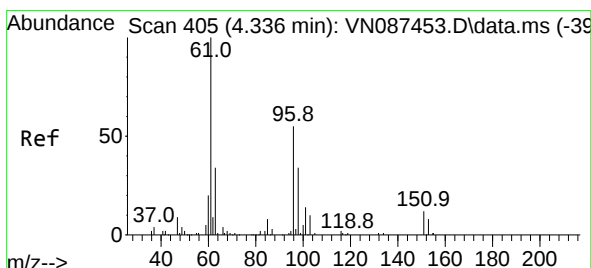
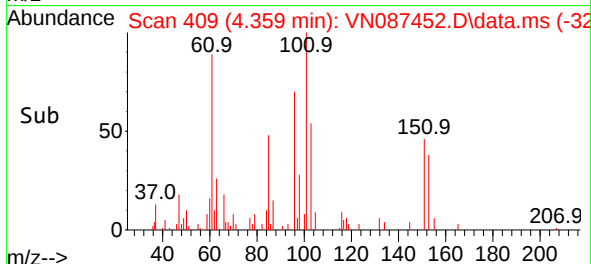
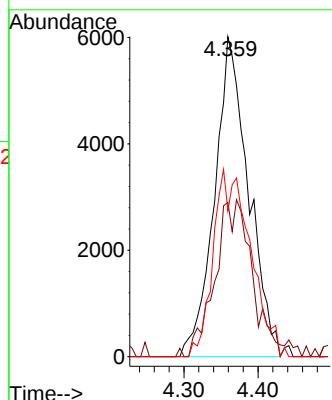
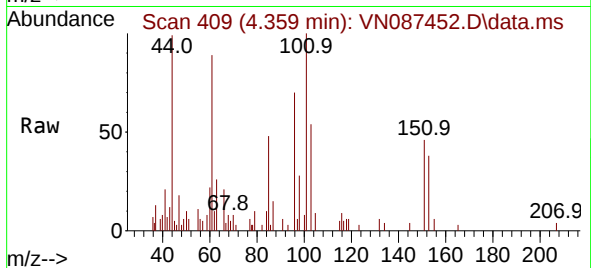
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1,1,2-Trichlorotrifluoroethane
Concen: 5.486 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 101 Resp: 1910
Ion Ratio Lower Upper
101 100
85 24.4 0.0 57.0
151 27.5 0.0 134.2

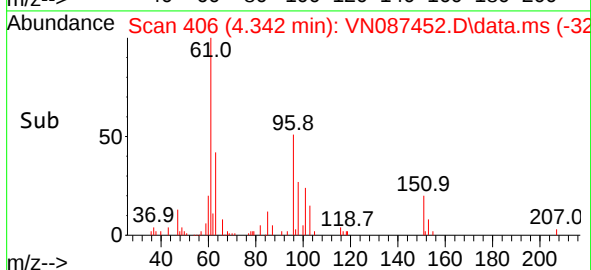
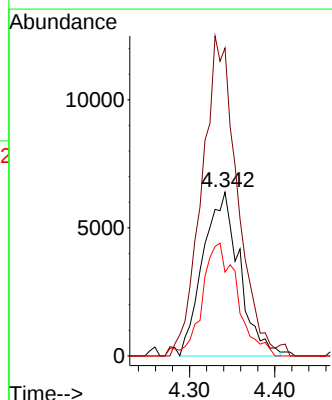
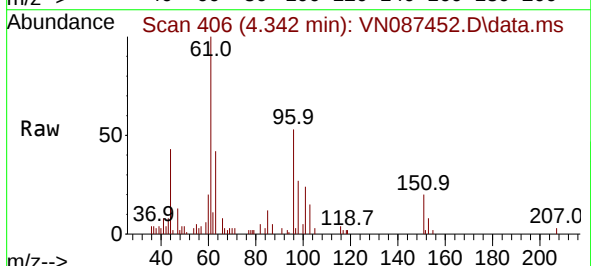
Manual Integrations
APPROVED

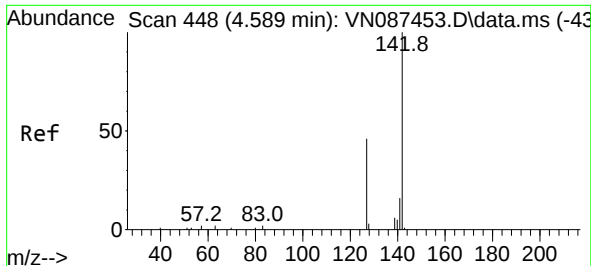
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#10
1,1-Dichloroethene
Concen: 5.185 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

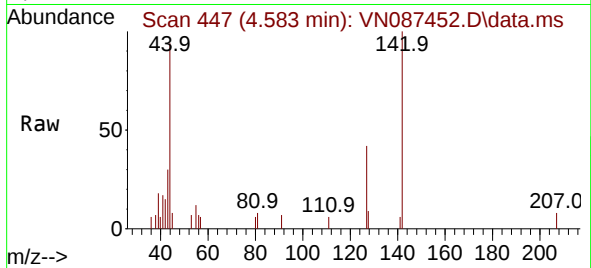
Tgt Ion: 96 Resp: 18969
Ion Ratio Lower Upper
96 100
61 181.6 144.2 216.4
98 51.2 49.7 74.5





#11
Methyl Iodide
Concen: 3.021 ug/l m
RT: 4.583 min Scan# 44
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

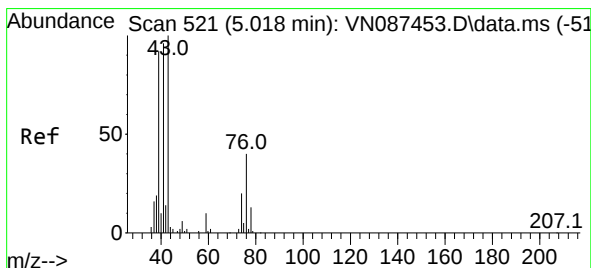
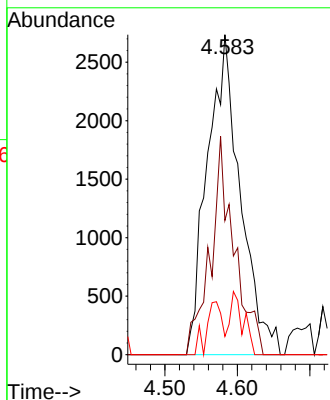
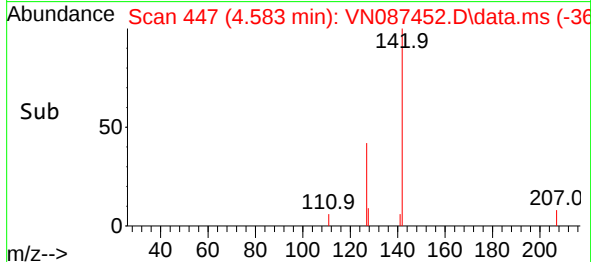
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:142 Resp: 865
Ion Ratio Lower Upper
142 100
127 42.0 22.9 68.7
141 5.7 7.7 23.1

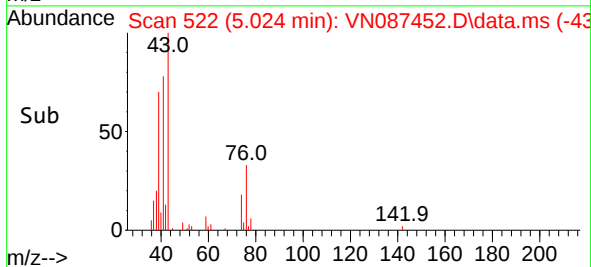
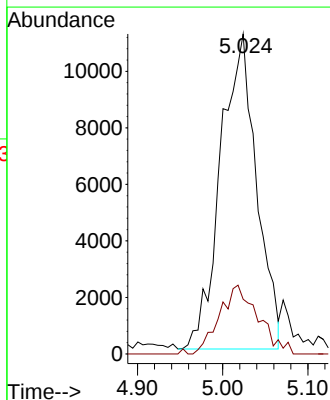
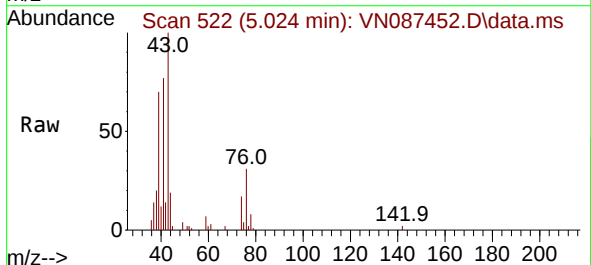
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#12
Methyl Acetate
Concen: 4.851 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 43 Resp: 32749
Ion Ratio Lower Upper
43 100
74 15.8 16.0 24.0#





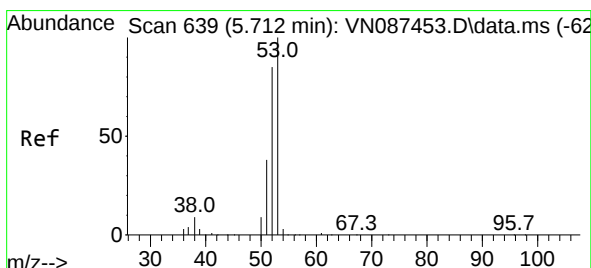
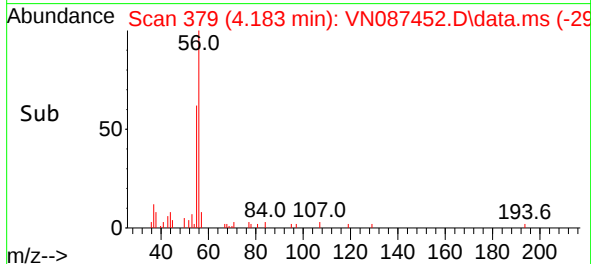
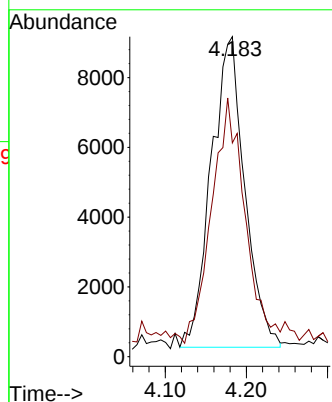
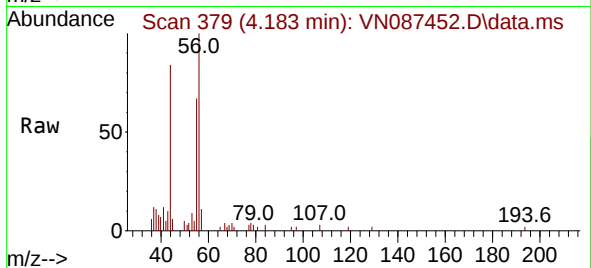
#13
Acrolein
Concen: 24.838 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 2560
Ion Ratio Lower Upper
56 100
55 78.3 57.4 86.0

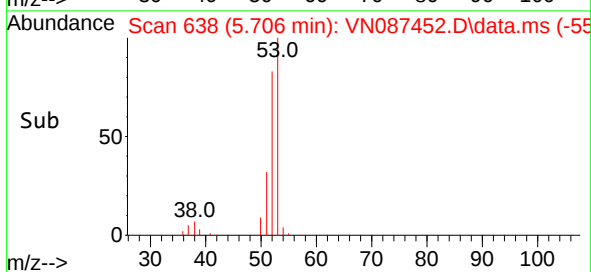
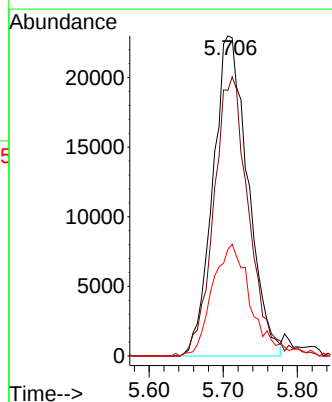
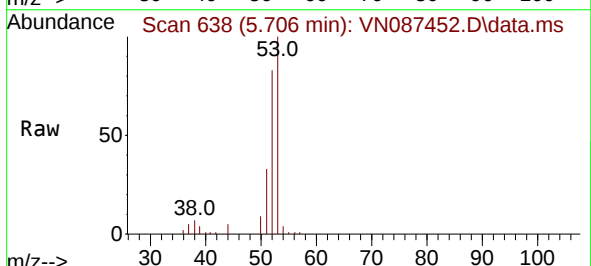
Manual Integrations
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Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#14
Acrylonitrile
Concen: 25.546 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

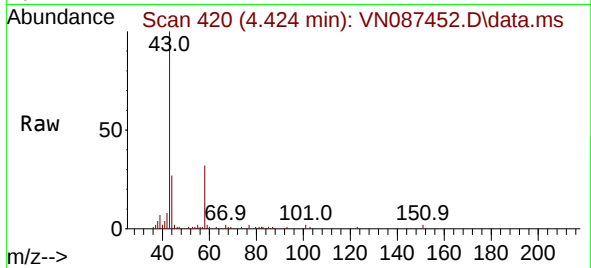
Tgt Ion: 53 Resp: 75304
Ion Ratio Lower Upper
53 100
52 86.2 42.4 127.2
51 37.1 18.5 55.5





#15
Acetone
Concen: 27.848 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

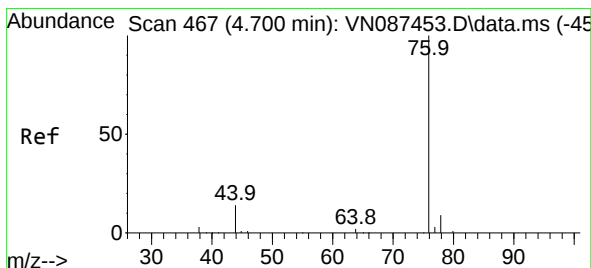
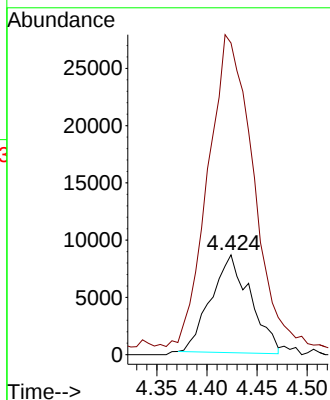
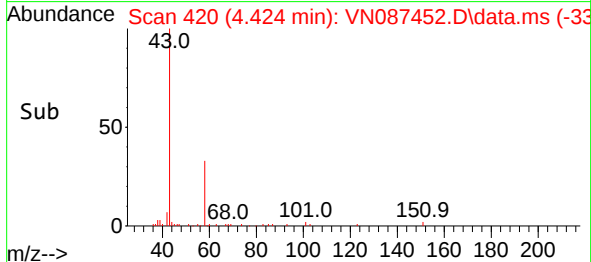
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 58 Resp: 2345
Ion Ratio Lower Upper
58 100
43 309.8 268.9 403.3

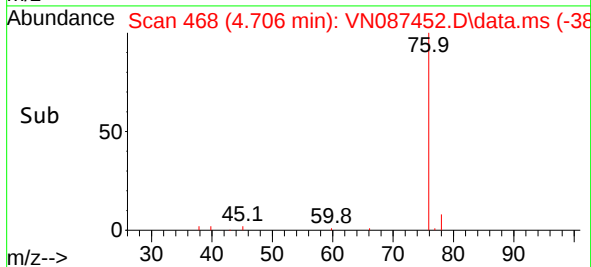
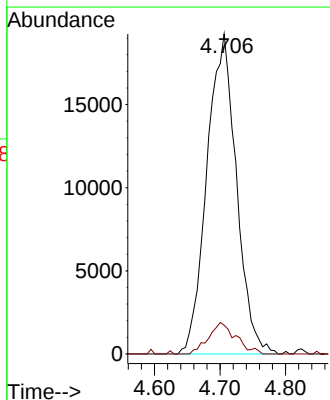
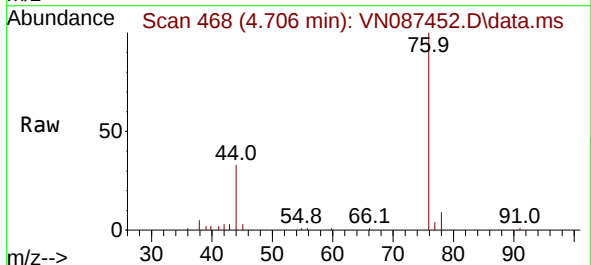
Manual Integrations
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Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#16
Carbon Disulfide
Concen: 5.310 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

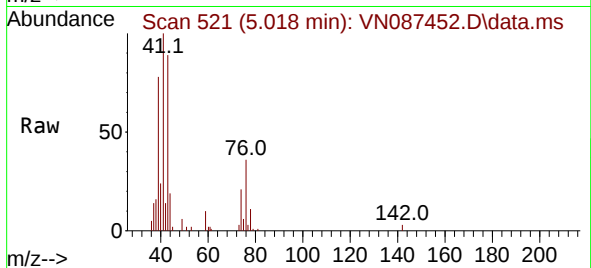
Tgt Ion: 76 Resp: 60257
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7





#17
 Allyl chloride
 Concen: 4.995 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

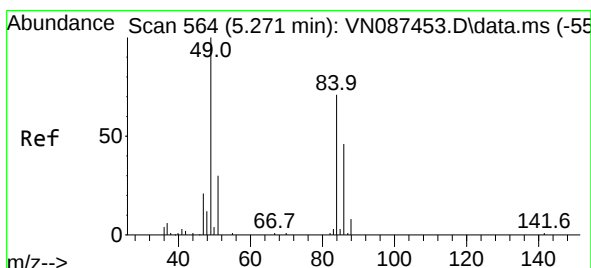
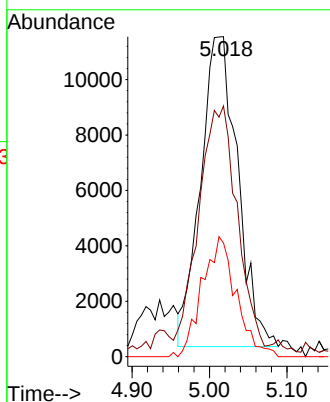
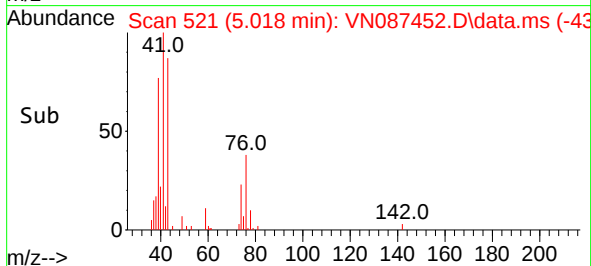
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 41 Resp: 3724
 Ion Ratio Lower Upper
 41 100
 39 75.5 42.4 127.2
 76 36.7 16.9 50.6

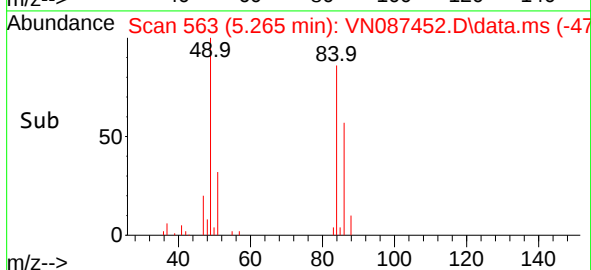
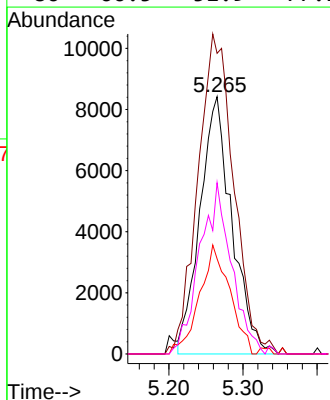
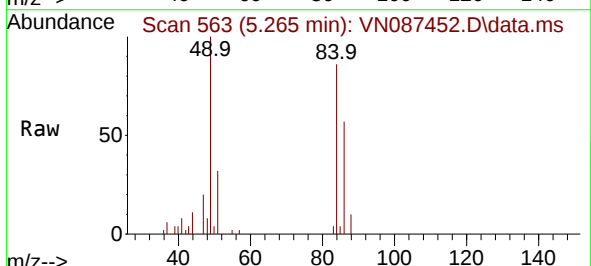
Manual Integrations
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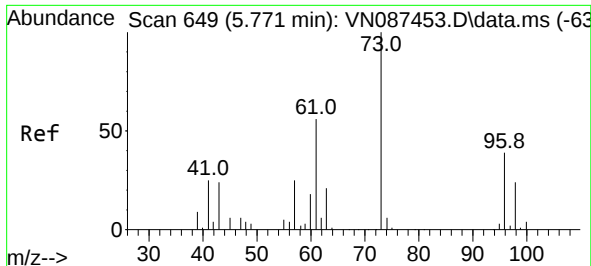
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#18
 Methylene Chloride
 Concen: 5.377 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

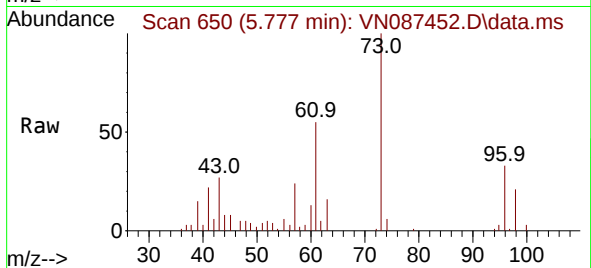
Tgt Ion: 84 Resp: 25316
 Ion Ratio Lower Upper
 84 100
 49 116.9 112.9 169.3
 51 37.0 33.8 50.8
 86 66.5 51.9 77.9





#19
trans-1,2-Dichloroethene
Concen: 5.326 ug/l m
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

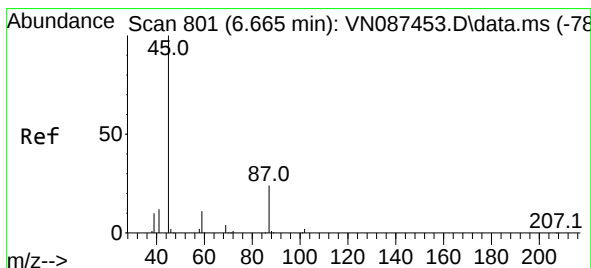
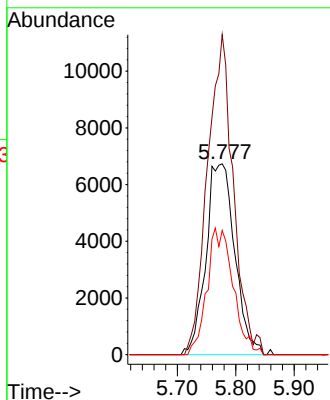
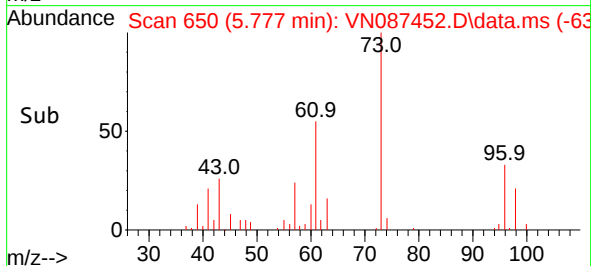
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 2316
Ion Ratio Lower Upper
96 100
61 167.6 114.2 171.4
98 65.0 48.7 73.1

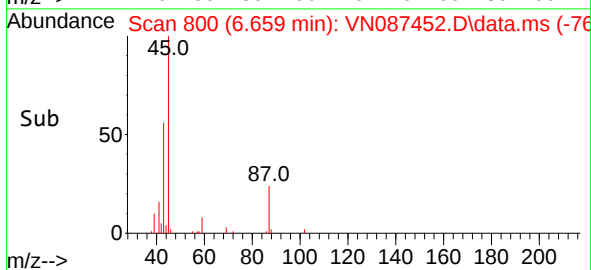
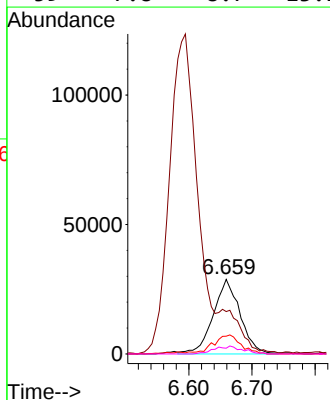
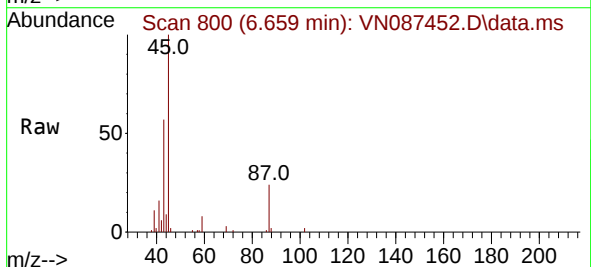
Manual Integrations
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Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#20
Diisopropyl ether
Concen: 5.036 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 45 Resp: 85498
Ion Ratio Lower Upper
45 100
43 56.1 44.7 67.1
87 24.1 20.2 30.2
59 7.8 8.7 13.1#





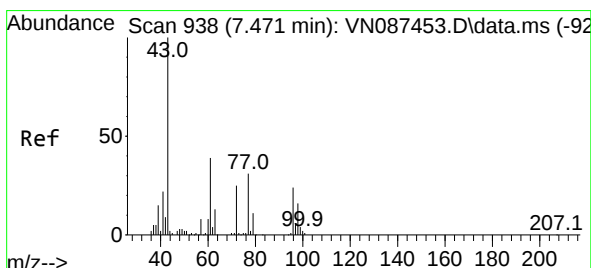
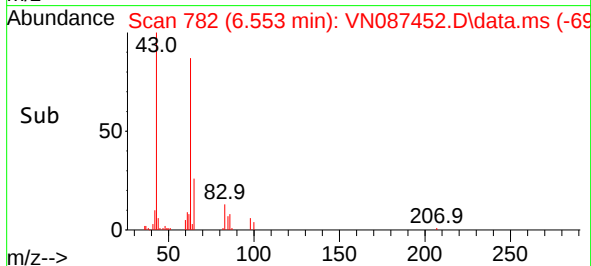
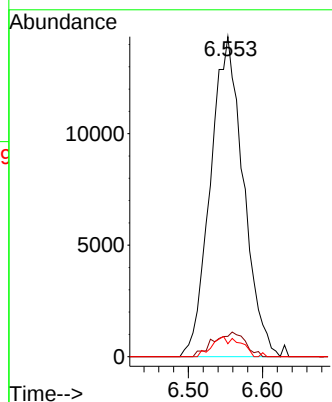
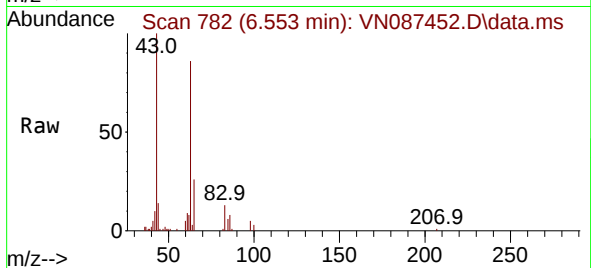
#21
1,1-Dichloroethane
Concen: 5.045 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 44299
Ion Ratio Lower Upper
63 100
98 6.4 3.0 9.0
100 4.1 1.9 5.7

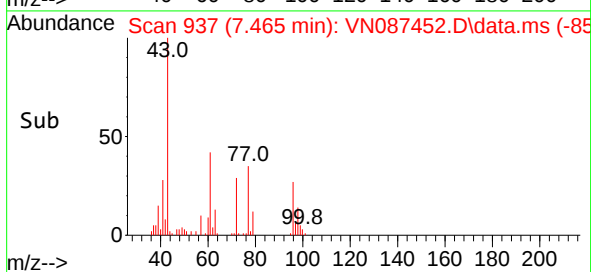
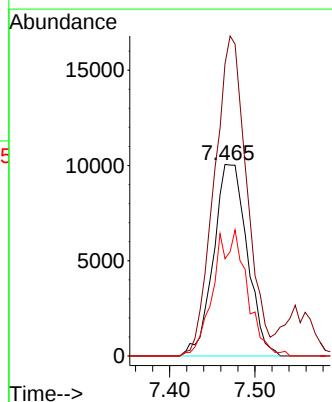
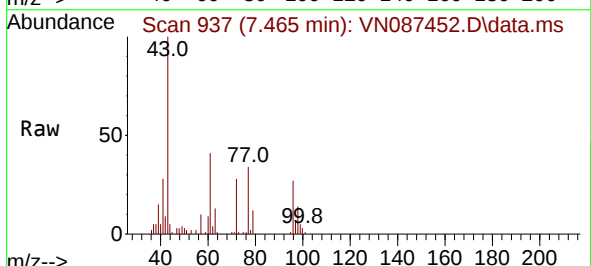
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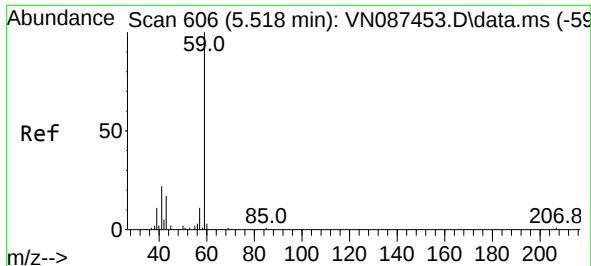
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#22
cis-1,2-Dichloroethene
Concen: 5.151 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

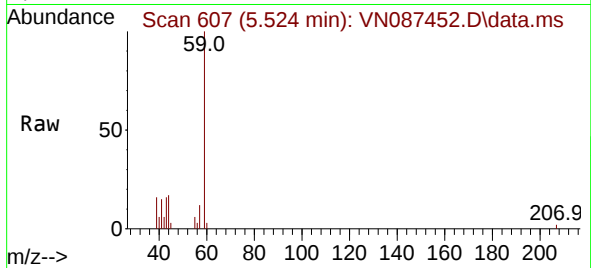
Tgt Ion: 96 Resp: 27569
Ion Ratio Lower Upper
96 100
61 161.4 126.6 190.0
98 36.7 50.9 76.3#





#23
tert-Butyl Alcohol
Concen: 26.933 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

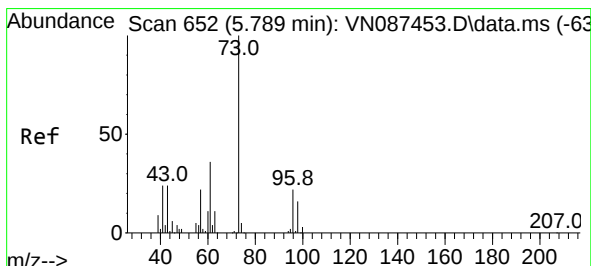
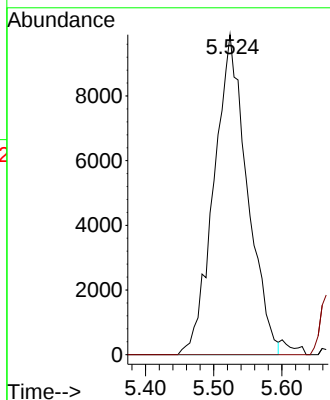
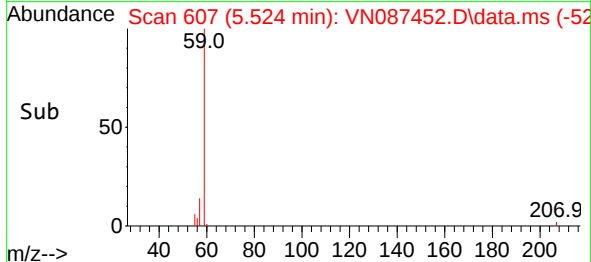
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 33730
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

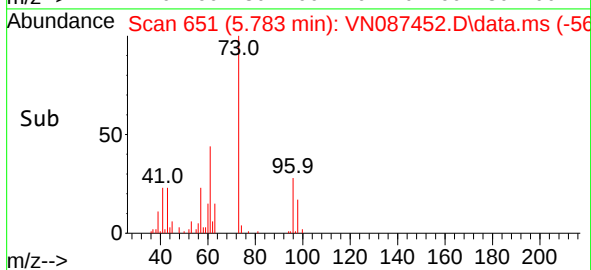
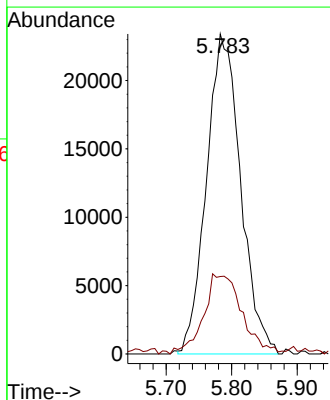
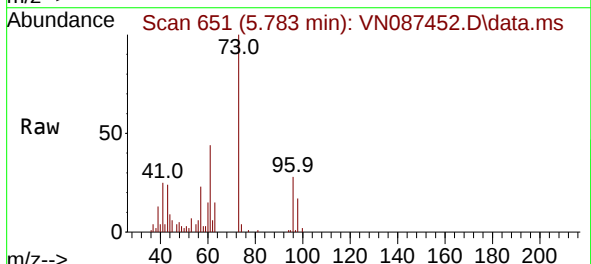
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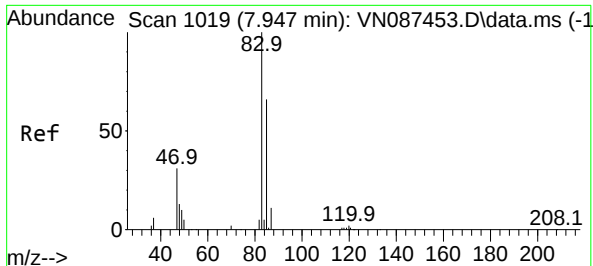
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#24
Methyl tert-Butyl Ether
Concen: 5.083 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 73 Resp: 84726
Ion Ratio Lower Upper
73 100
43 9.1 19.9 29.9#





#25

Chloroform

Concen: 5.146 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 47159

Ion Ratio Lower Upper

83 100

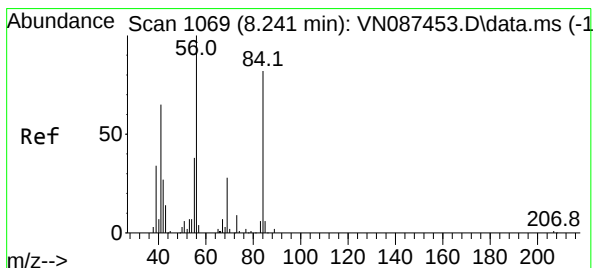
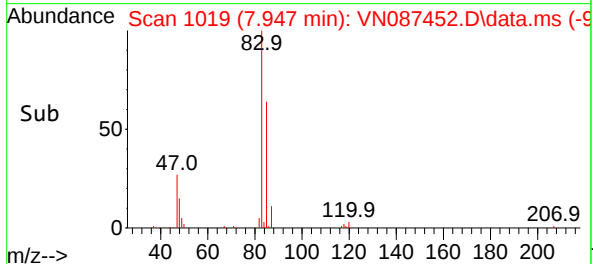
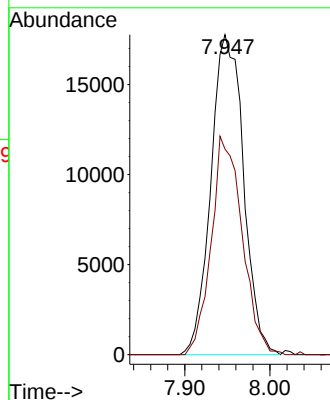
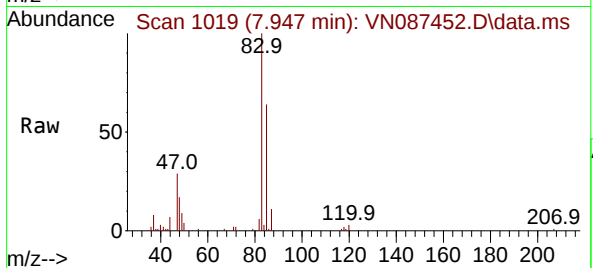
85 64.3 52.6 78.8

Manual Integrations

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Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#26

Cyclohexane

Concen: 4.994 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

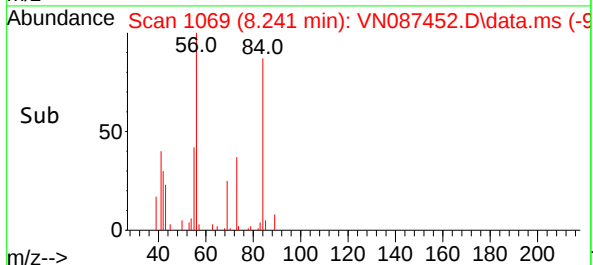
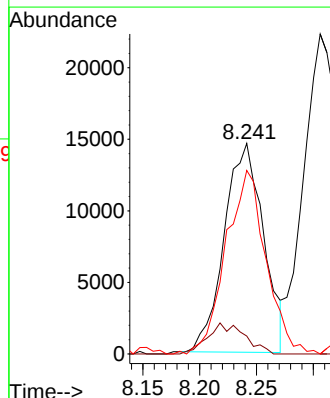
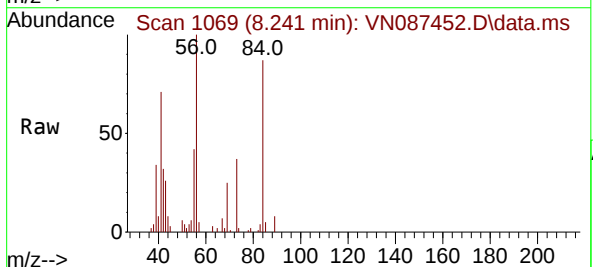
Tgt Ion: 56 Resp: 35104

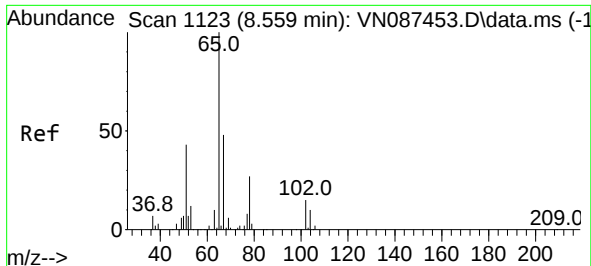
Ion Ratio Lower Upper

56 100

89 7.6 2.3 3.5#

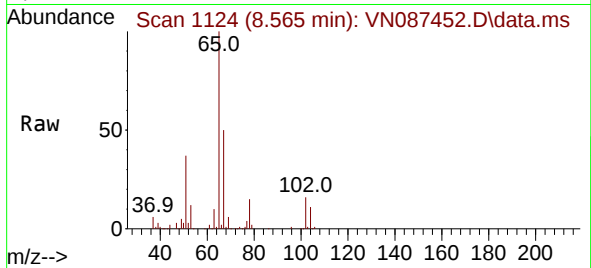
84 89.5 67.0 100.4





#27
1,2-Dichloroethane-d4
Concen: 30.050 ug/l
RT: 8.565 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

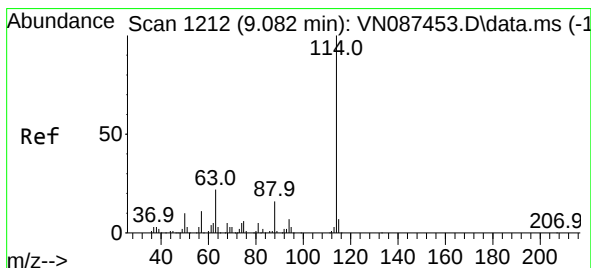
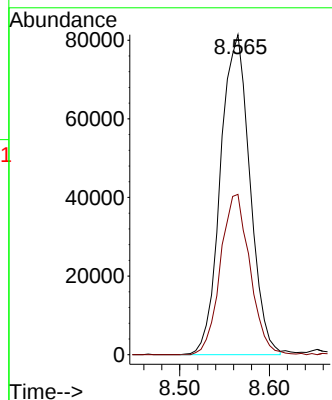
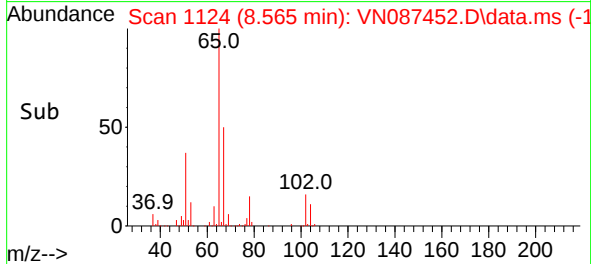
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 65 Resp: 185120
Ion Ratio Lower Upper
65 100
67 50.3 40.8 61.2

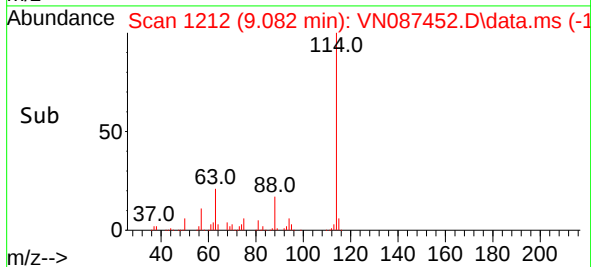
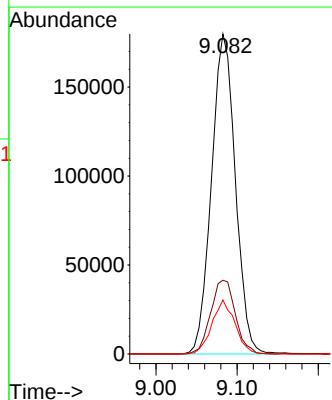
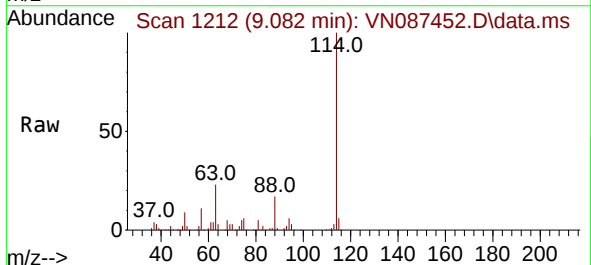
Manual Integrations
APPROVED

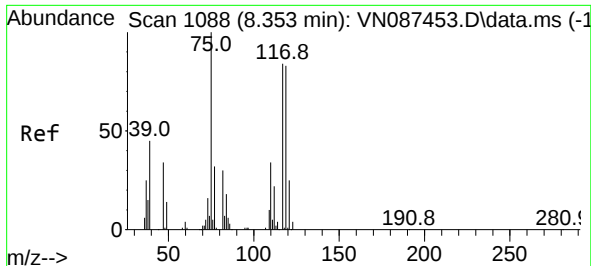
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion:114 Resp: 367765
Ion Ratio Lower Upper
114 100
63 23.8 18.9 28.3
88 16.3 13.1 19.7





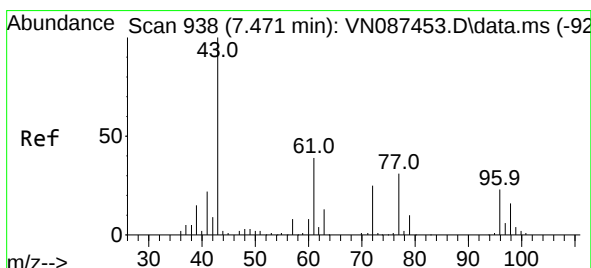
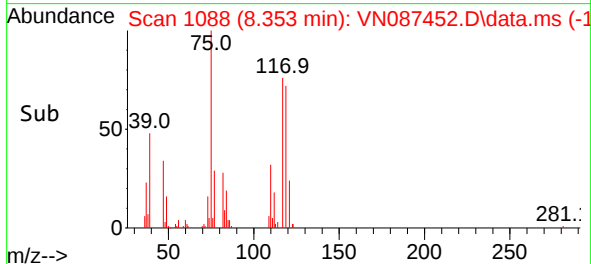
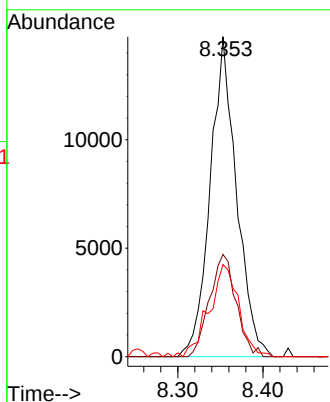
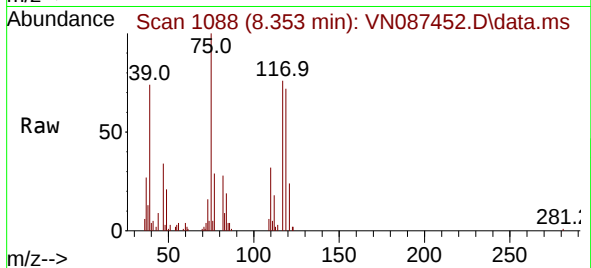
#29
1,1-Dichloropropene
Concen: 5.292 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75	Resp: 31744
Ion Ratio	Lower Upper
75 100	
110 32.2	0.0 65.8
77 23.6	0.0 63.6

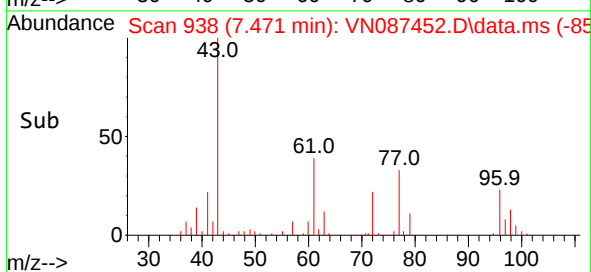
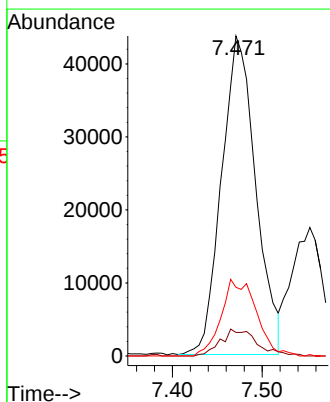
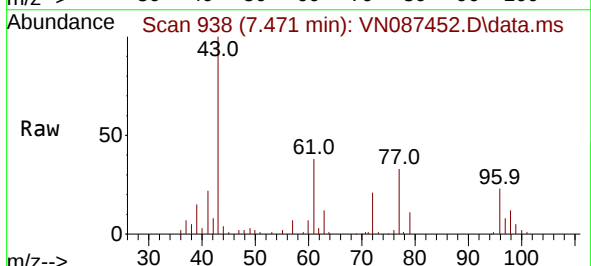
Manual Integrations
APPROVED

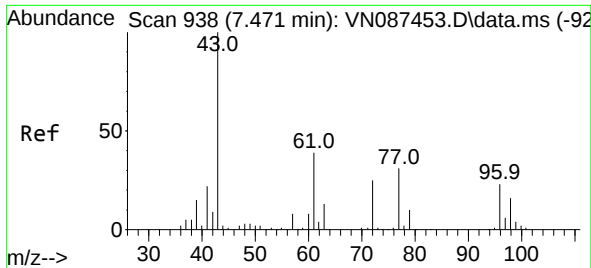
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#30
2-Butanone
Concen: 26.165 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

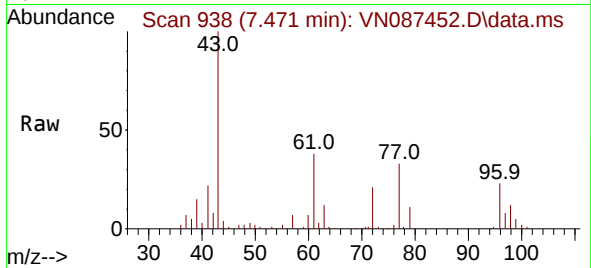
Tgt Ion: 43	Resp: 115688
Ion Ratio	Lower Upper
43 100	
57 5.2	6.6 9.8#
72 14.5	19.7 29.5#





#31
2,2-Dichloropropane
Concen: 5.328 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

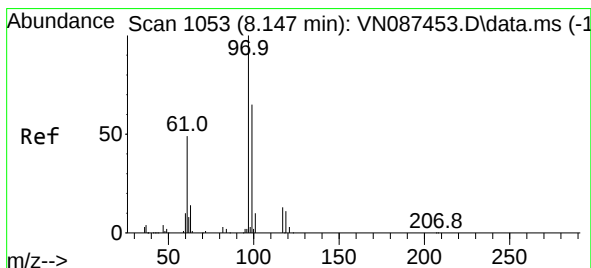
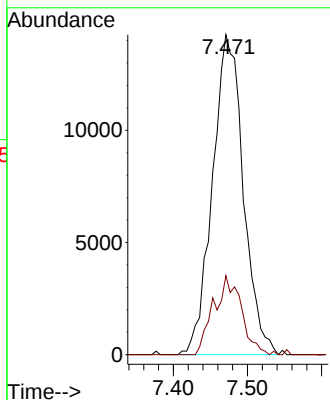
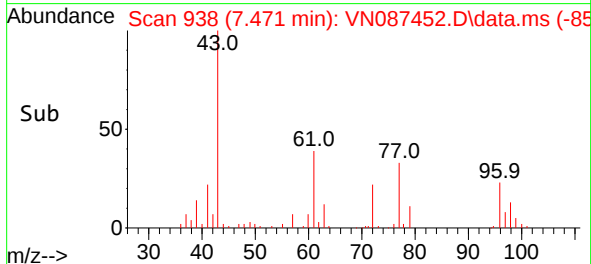
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 77 Resp: 41219
Ion Ratio Lower Upper
77 100
97 2.7 16.7 25.1

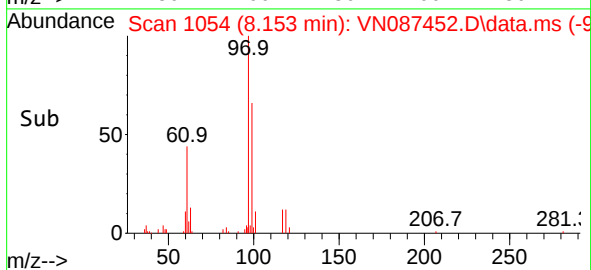
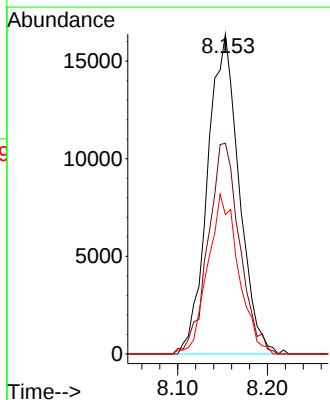
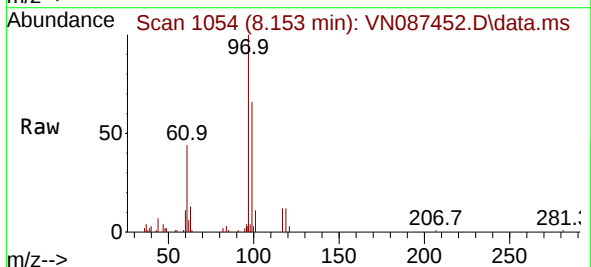
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#32
1,1,1-Trichloroethane
Concen: 5.217 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

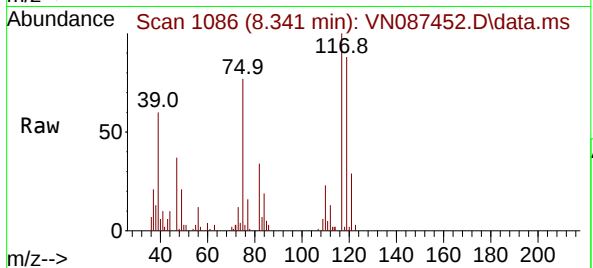
Tgt Ion: 97 Resp: 39911
Ion Ratio Lower Upper
97 100
99 66.1 53.0 79.6
61 48.9 40.6 61.0





#33
Carbon Tetrachloride
Concen: 5.173 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

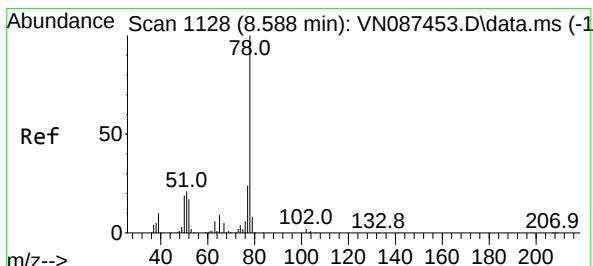
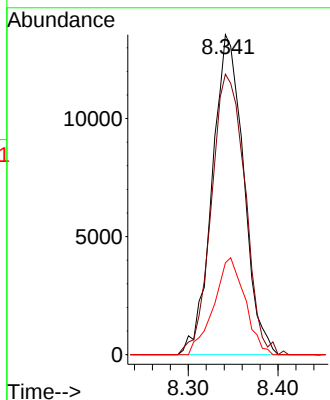
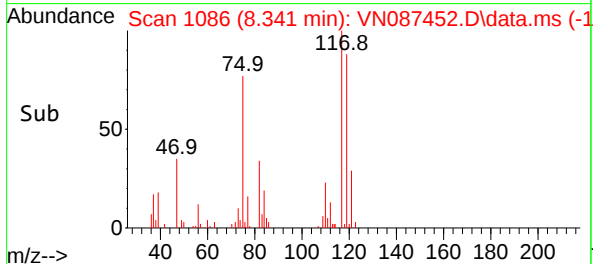
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 3287
Ion Ratio Lower Upper
117 100
119 87.6 73.4 110.0
121 28.7 21.1 31.7

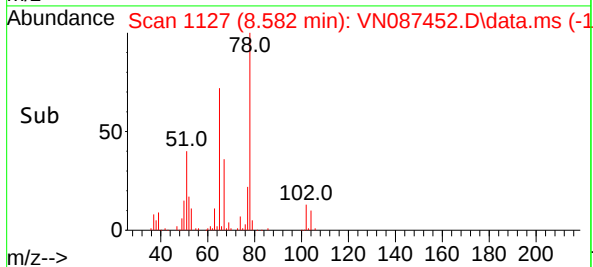
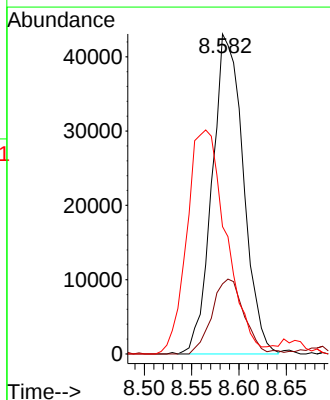
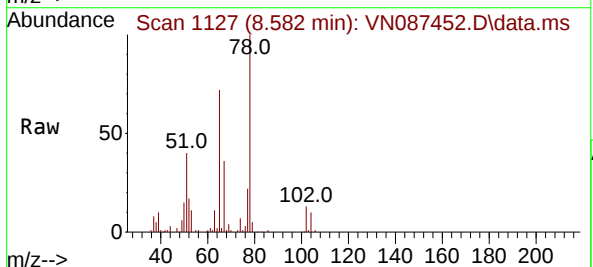
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#34
Benzene
Concen: 5.207 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

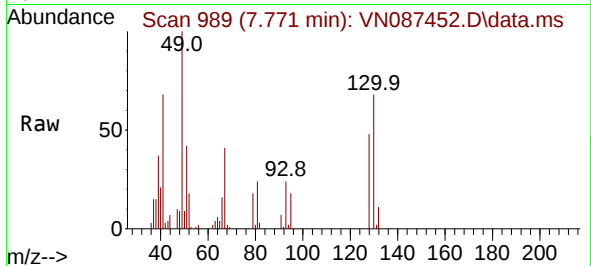
Tgt Ion: 78 Resp: 98586
Ion Ratio Lower Upper
78 100
77 21.9 19.2 28.8
51 37.4 16.9 25.3





#35
Methacrylonitrile
Concen: 5.260 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

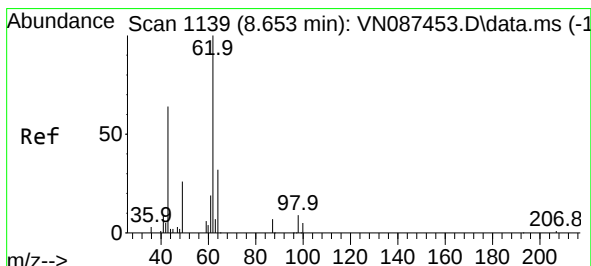
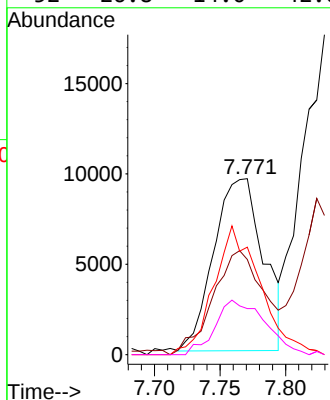
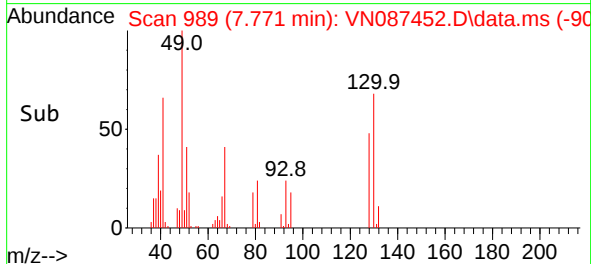
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 25095
Ion Ratio Lower Upper
41 100
39 52.8 30.1 90.5
67 58.9 32.0 96.2
52 26.8 14.0 42.0

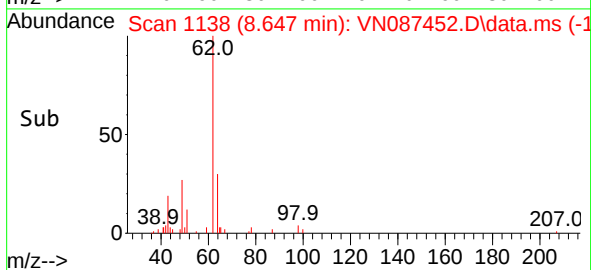
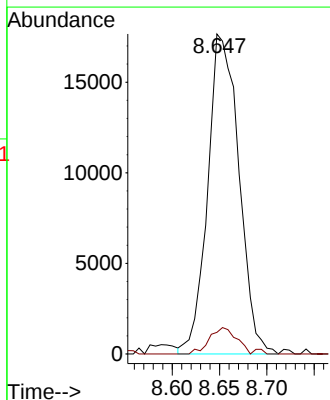
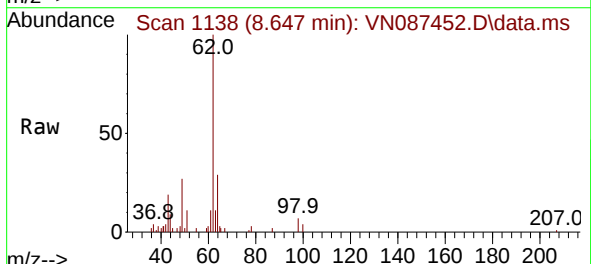
Manual Integrations
APPROVED

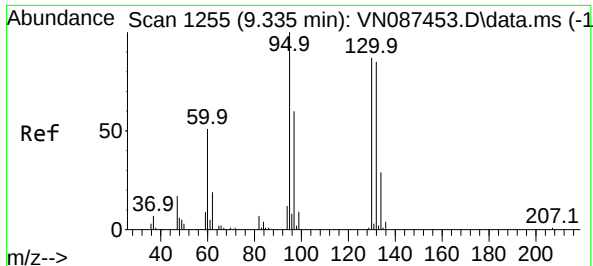
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#36
1,2-Dichloroethane
Concen: 5.291 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 62 Resp: 40495
Ion Ratio Lower Upper
62 100
98 7.1 6.6 9.8





#37

Trichloroethene

Concen: 5.213 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 2174

Ion Ratio Lower Upper

130 100

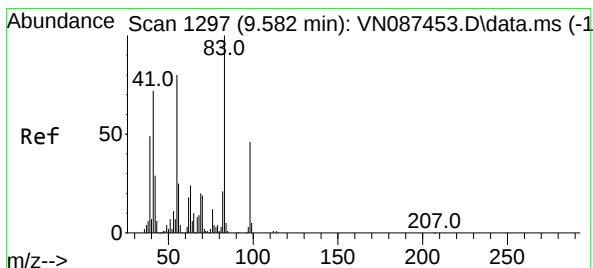
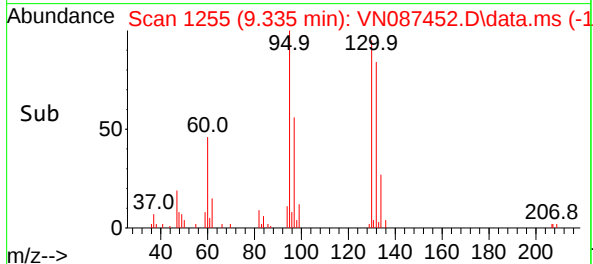
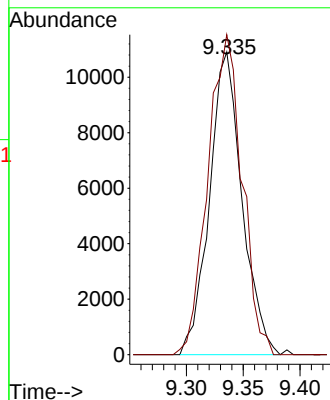
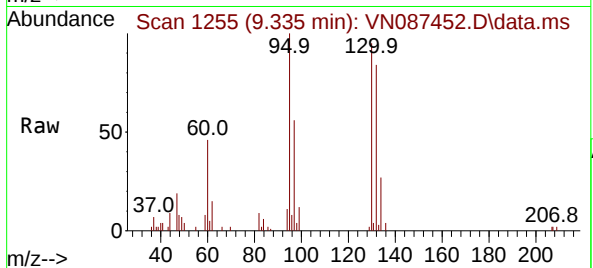
95 105.7 91.4 137.2

Manual Integrations

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Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#38

Methylcyclohexane

Concen: 5.313 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

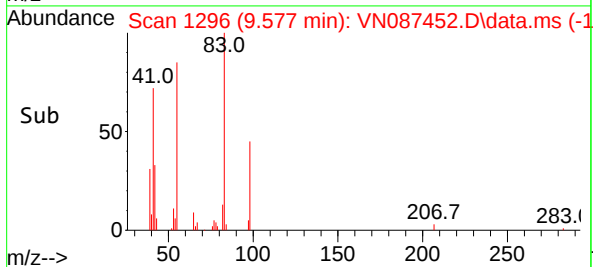
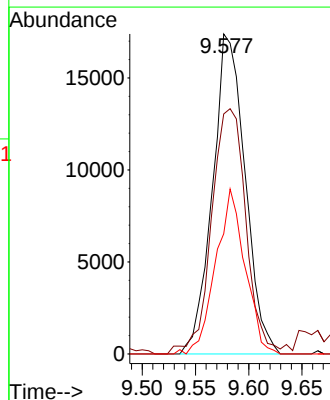
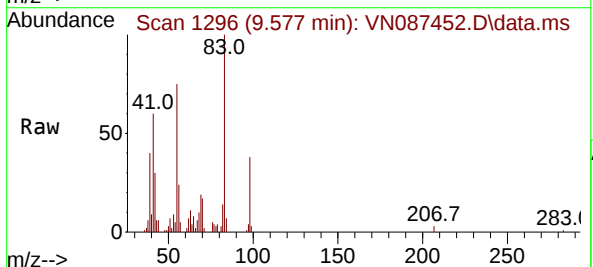
Tgt Ion: 83 Resp: 36974

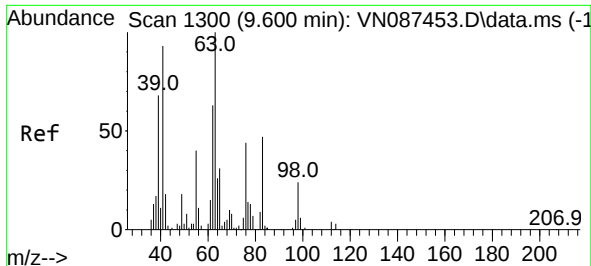
Ion Ratio Lower Upper

83 100

55 79.5 41.2 123.6

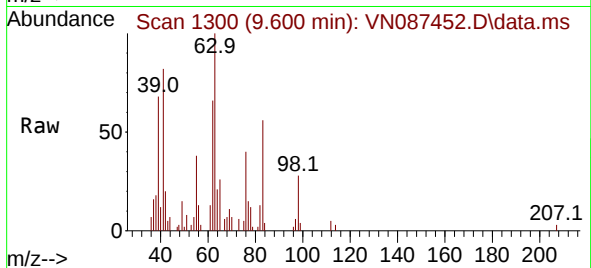
98 46.2 23.3 69.9





#39
1,2-Dichloropropane
Concen: 5.333 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

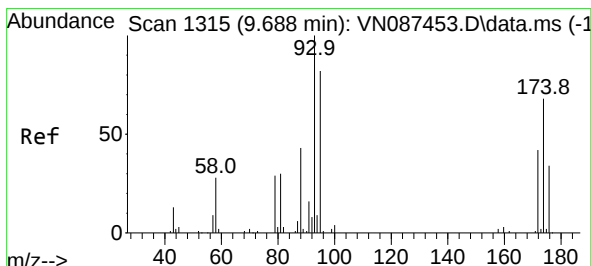
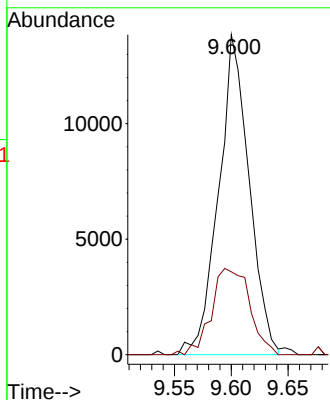
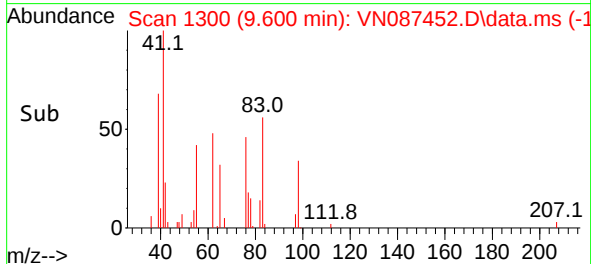
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



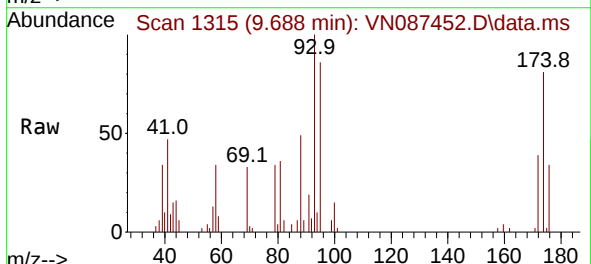
Tgt Ion: 63 Resp: 2588
Ion Ratio Lower Upper
63 100
65 25.9 24.6 36.8

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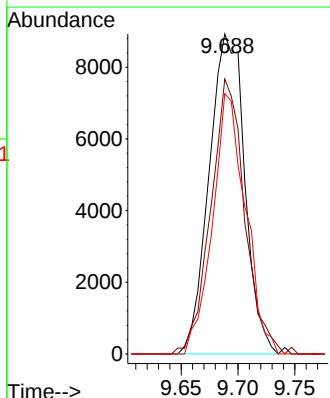
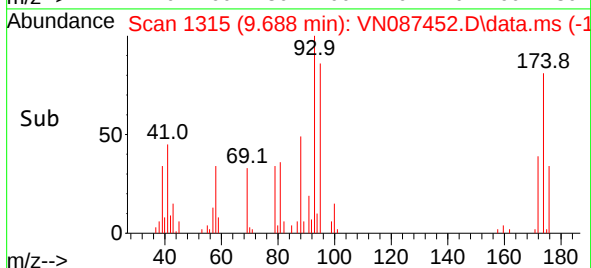
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

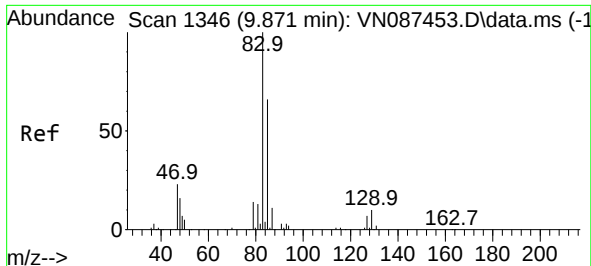


#40
Dibromomethane
Concen: 5.327 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37



Tgt Ion: 93 Resp: 19402
Ion Ratio Lower Upper
93 100
95 81.7 0.0 161.6
174 75.6 0.0 151.4





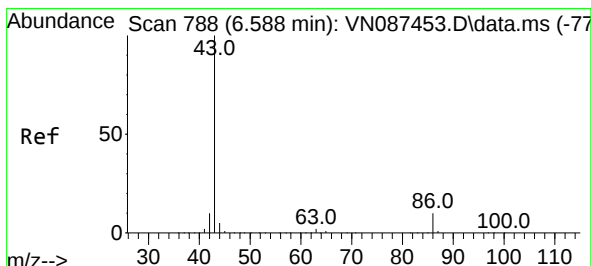
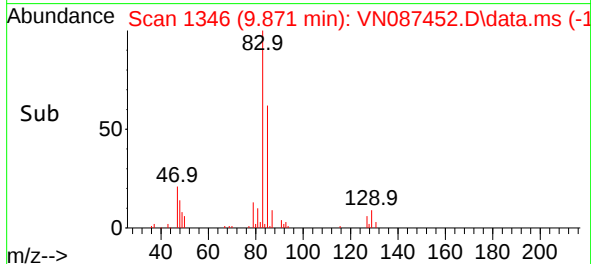
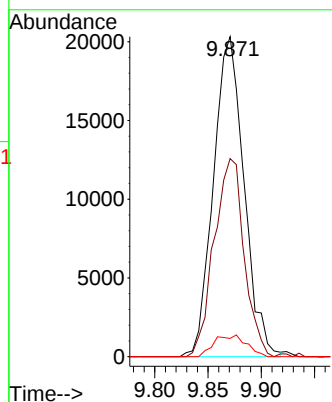
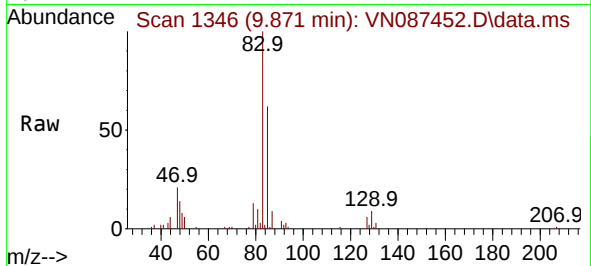
#41
Bromodichloromethane
Concen: 5.362 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 40582
Ion Ratio Lower Upper
83 100
85 61.9 52.9 79.3
127 5.7 5.8 8.6

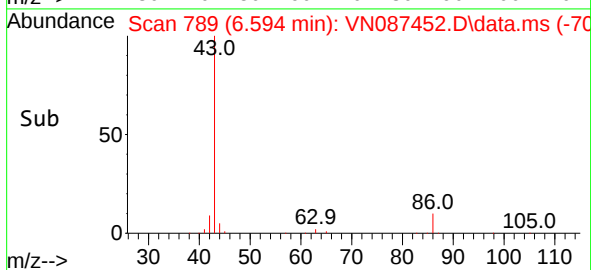
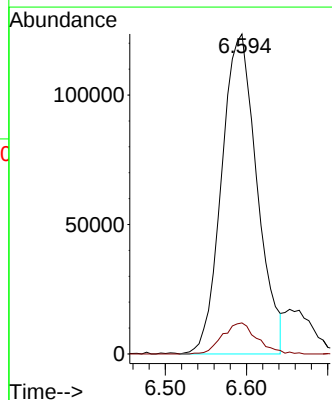
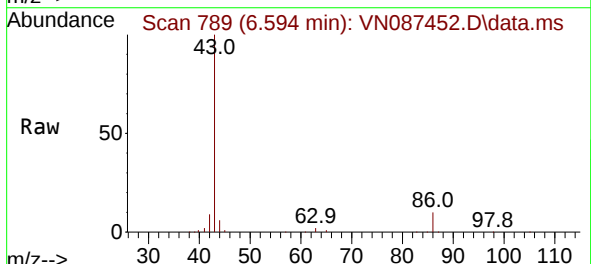
Manual Integrations
APPROVED

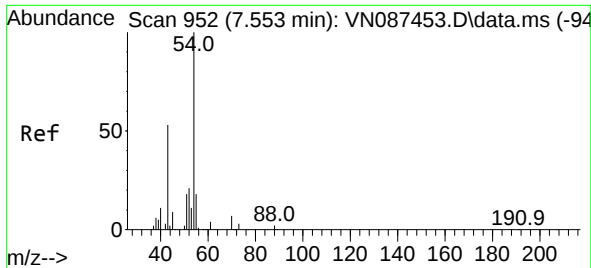
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#42
Vinyl Acetate
Concen: 25.723 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

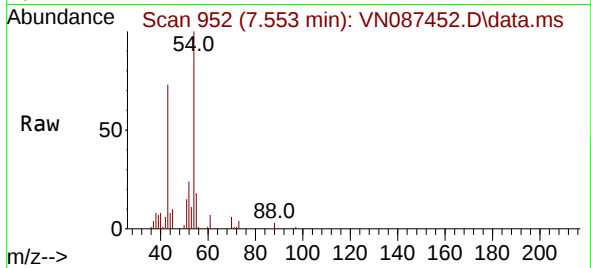
Tgt Ion: 43 Resp: 374548
Ion Ratio Lower Upper
43 100
86 9.4 7.3 10.9





#43
Ethyl Acetate
Concen: 5.423 ug/l m
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

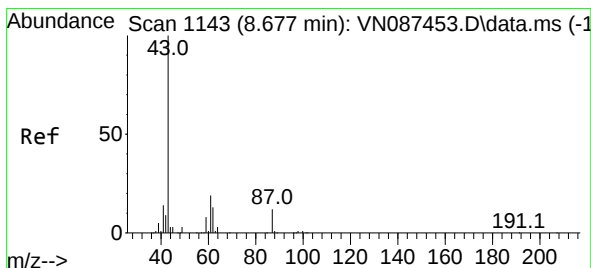
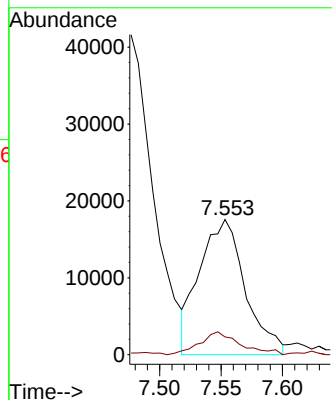
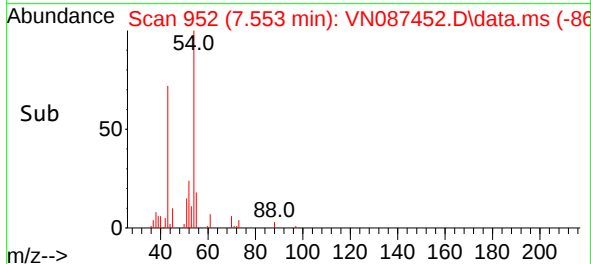
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 45639
Ion Ratio Lower Upper
43 100
45 14.3 11.1 16.7

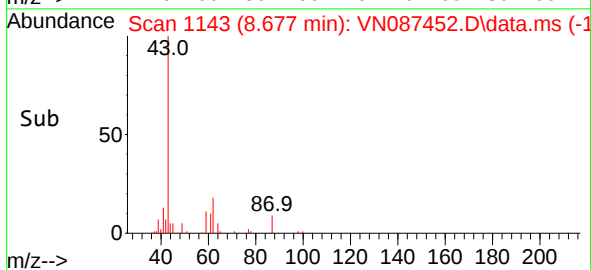
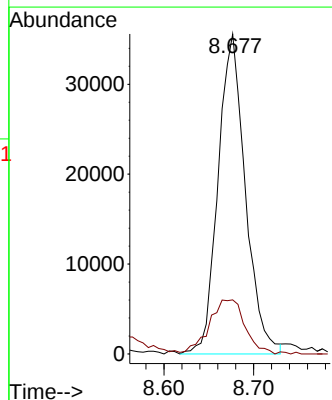
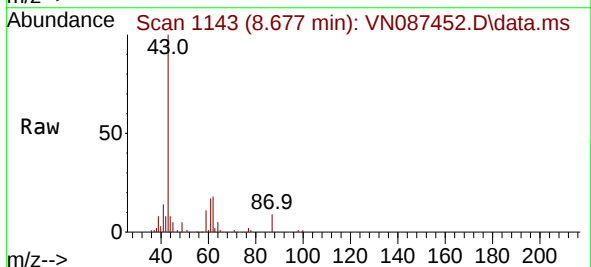
Manual Integrations
APPROVED

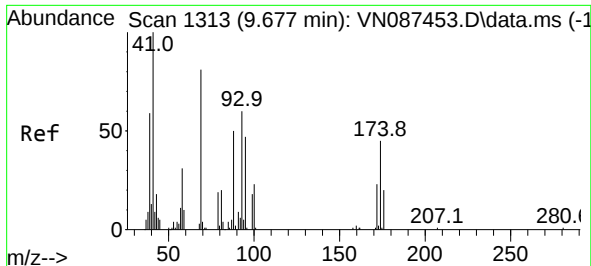
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#44
Isopropyl Acetate
Concen: 5.197 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

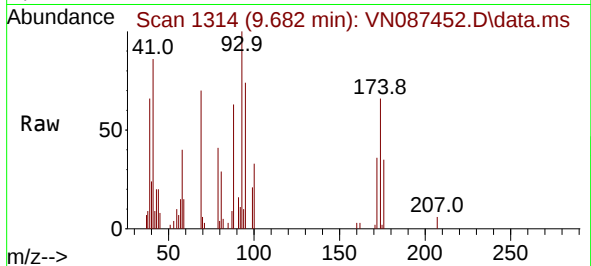
Tgt Ion: 43 Resp: 75250
Ion Ratio Lower Upper
43 100
61 22.1 18.6 28.0





#45
1,4-Dioxane
Concen: 103.972 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

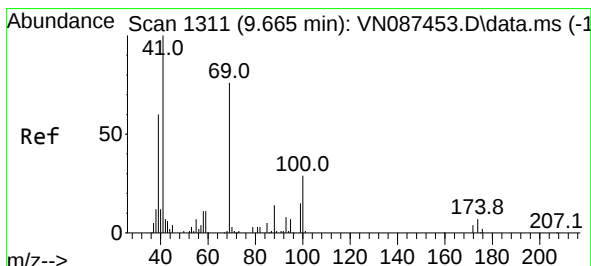
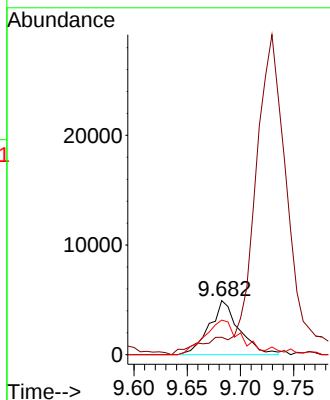
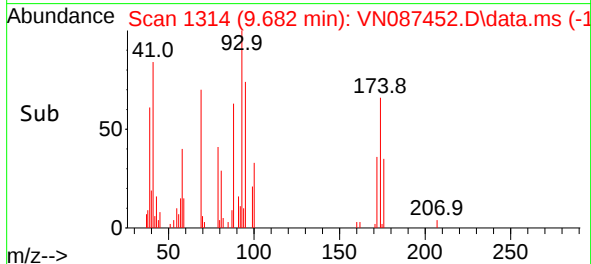
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



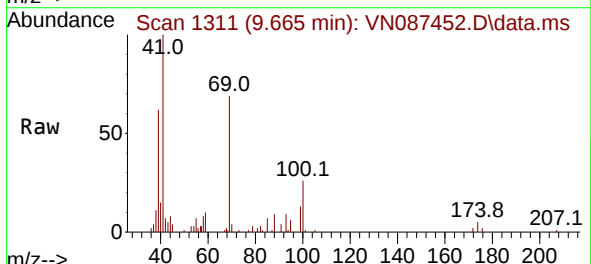
Tgt Ion: 88 Resp: 959
Ion Ratio Lower Upper
88 100
43 9.7 24.1 36.1
58 76.6 57.2 85.8

Manual Integrations
APPROVED

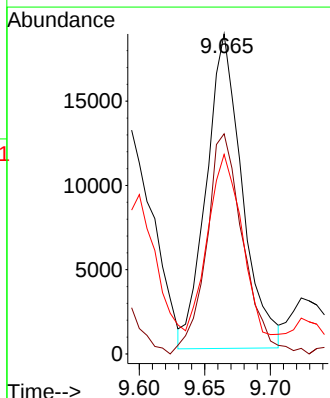
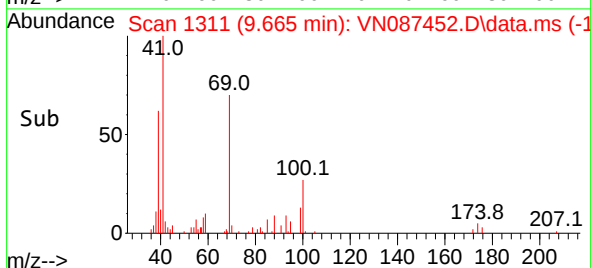
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

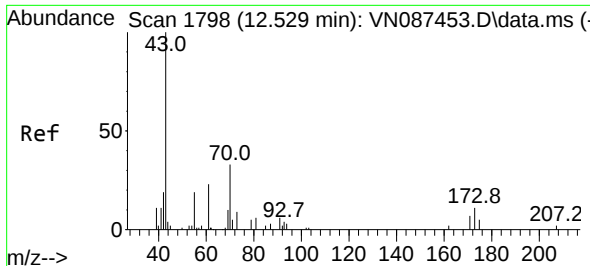


#46
Methyl methacrylate
Concen: 5.168 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37



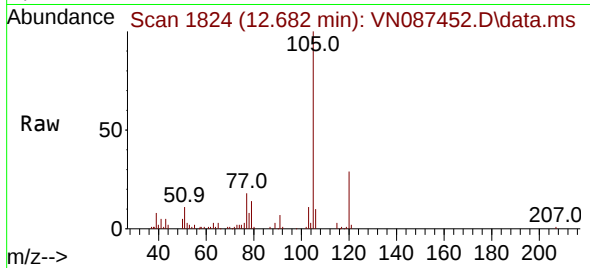
Tgt Ion: 41 Resp: 35322
Ion Ratio Lower Upper
41 100
69 71.7 37.1 111.5
39 61.0 30.7 92.1





#47
n-amy1 Acetate
Concen: 4.524 ug/l m
RT: 12.682 min Scan# 1824
Delta R.T. 0.153 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

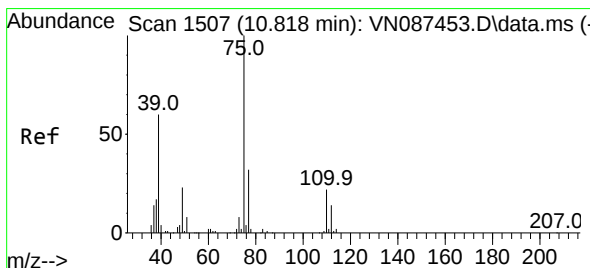
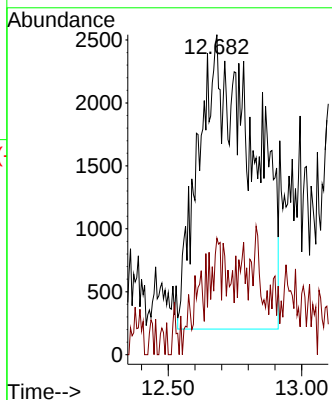
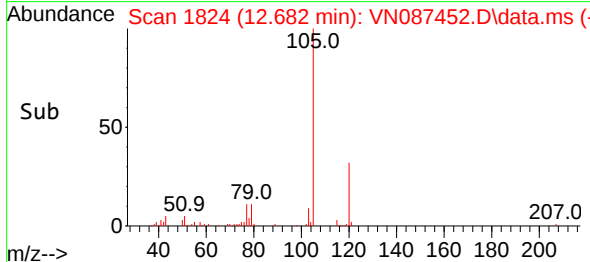
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 32939
Ion Ratio Lower Upper
43 100
55 1.1 4.6 6.8

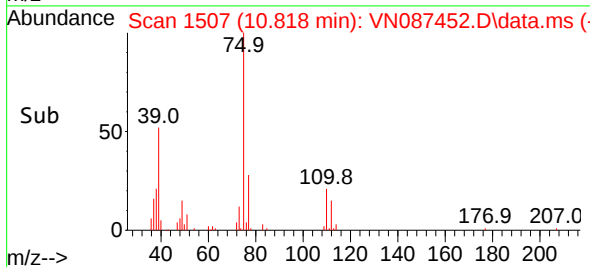
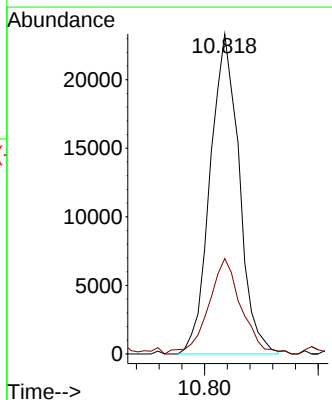
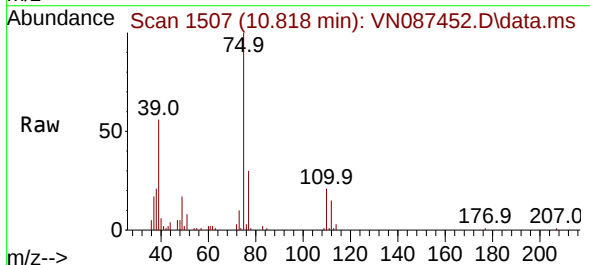
Manual Integrations
APPROVED

Reviewed By :John Carbone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#48
t-1,3-Dichloropropene
Concen: 5.029 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

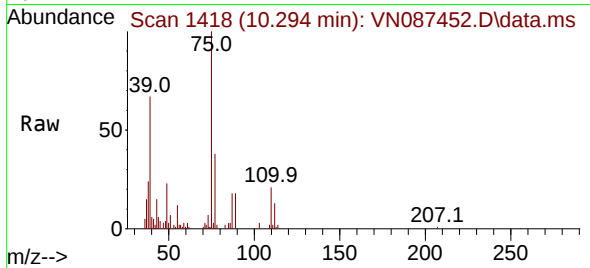
Tgt Ion: 75 Resp: 41412
Ion Ratio Lower Upper
75 100
77 29.0 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 5.083 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

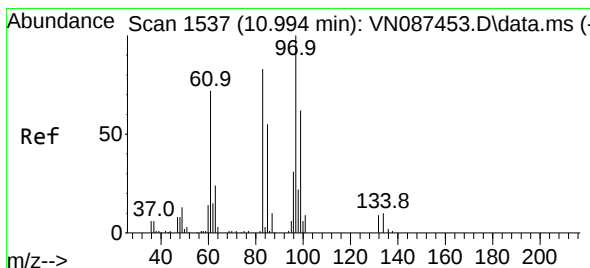
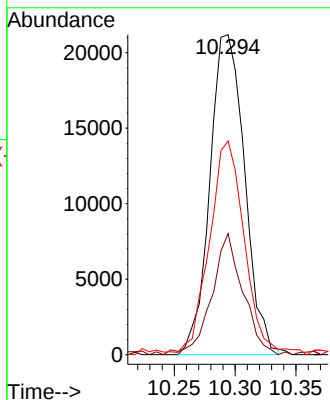
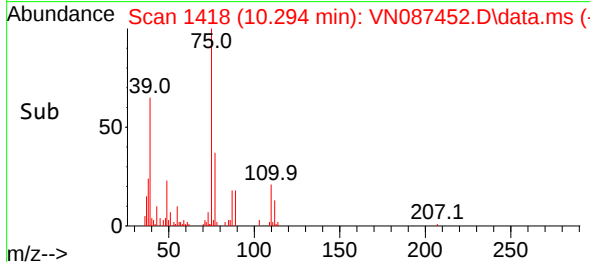
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 42124
 Ion Ratio Lower Upper
 75 100
 77 37.8 24.6 36.8
 39 66.1 51.5 77.3

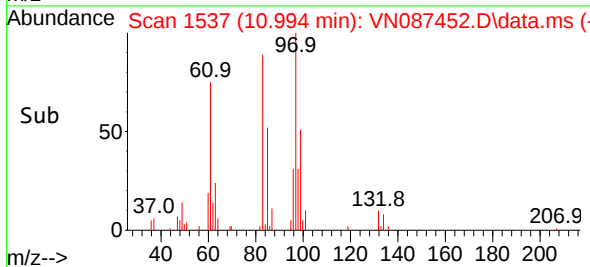
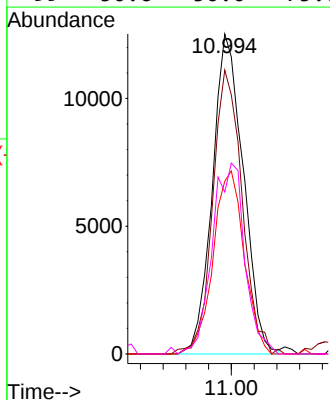
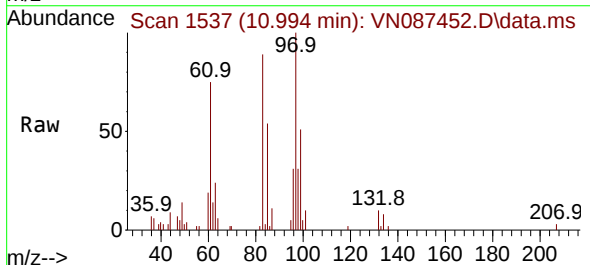
Manual Integrations
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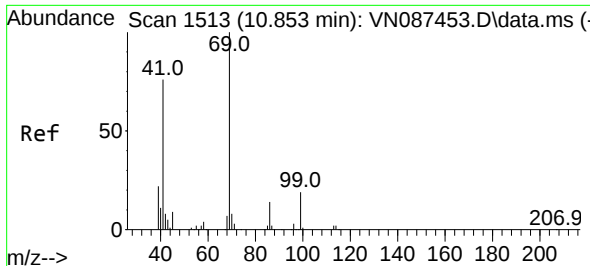
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#50
 1,1,2-Trichloroethane
 Concen: 5.123 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

Tgt Ion: 97 Resp: 23578
 Ion Ratio Lower Upper
 97 100
 83 87.3 66.2 99.2
 85 53.9 43.9 65.9
 99 50.6 50.0 75.0





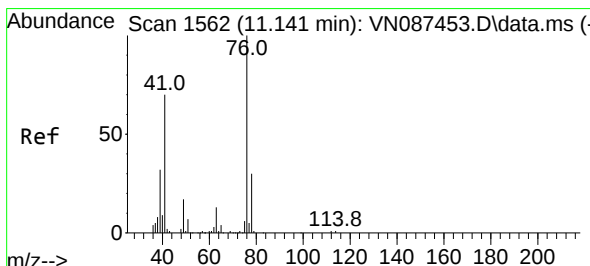
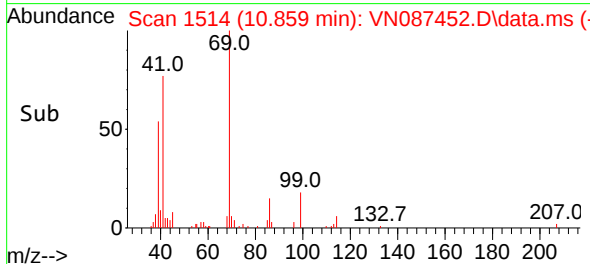
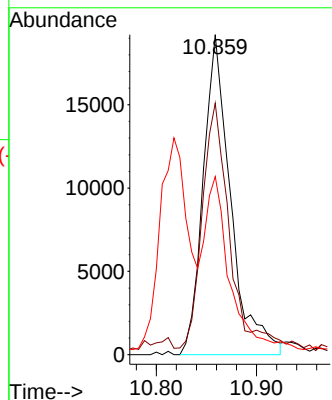
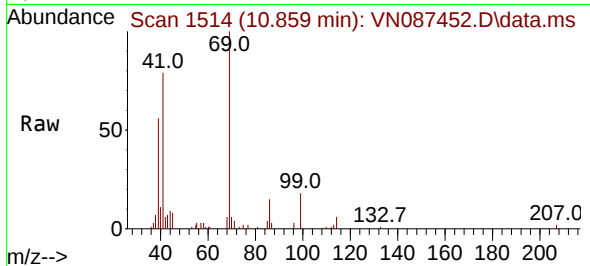
#51
Ethyl methacrylate
Concen: 4.529 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 3670
Ion Ratio Lower Upper
69 100
41 76.5 38.0 114.1
39 51.6 23.2 69.5

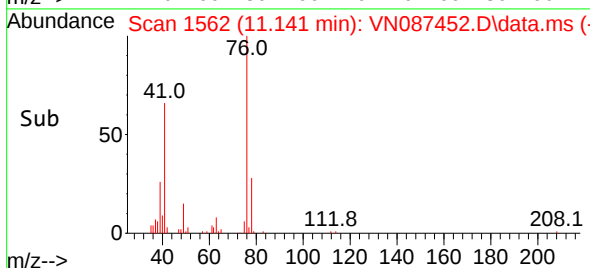
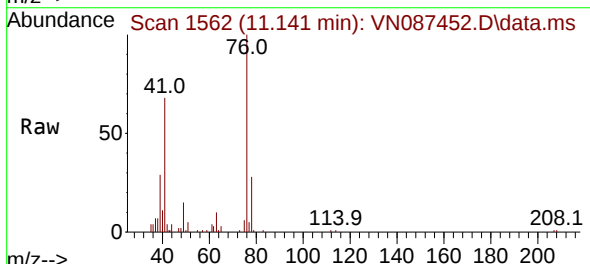
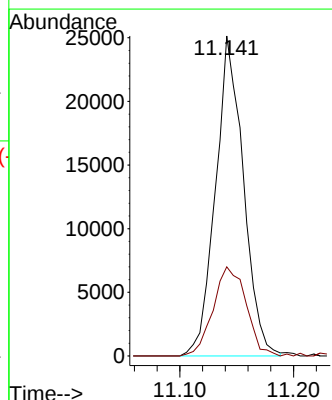
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#52
1,3-Dichloropropane
Concen: 5.166 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

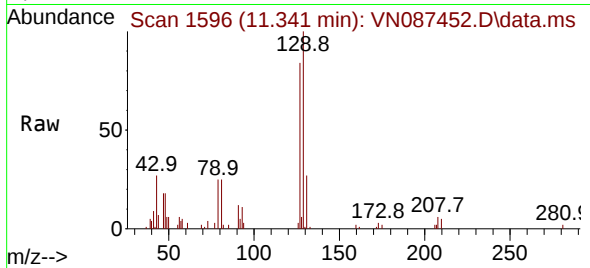
Tgt Ion: 76 Resp: 42828
Ion Ratio Lower Upper
76 100
78 32.9 0.0 63.0





#53
Dibromochloromethane
Concen: 4.929 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

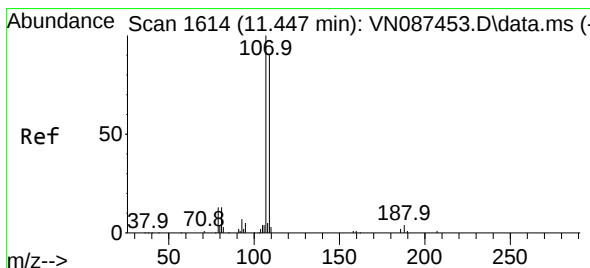
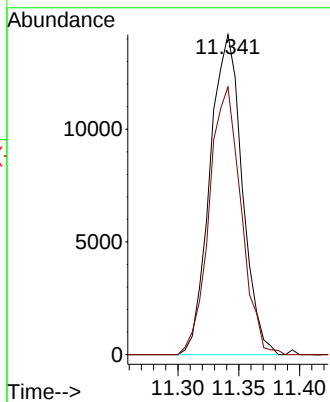
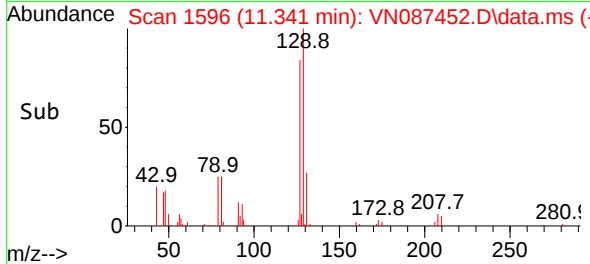
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



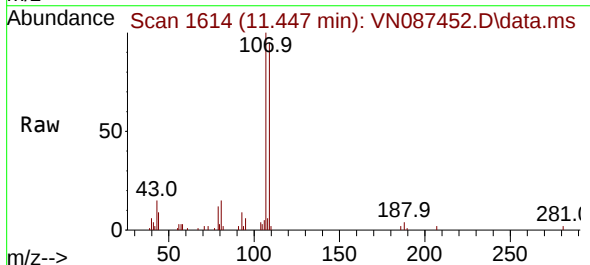
Tgt Ion:129 Resp: 26190
Ion Ratio Lower Upper
129 100
127 82.3 39.1 117.3

Manual Integrations
APPROVED

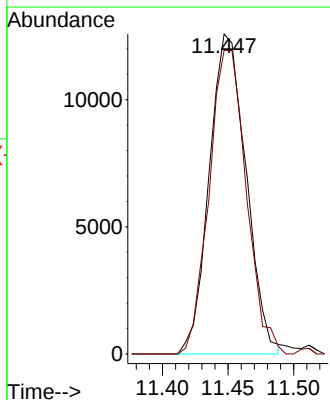
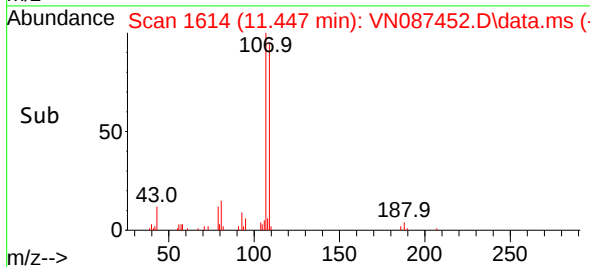
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

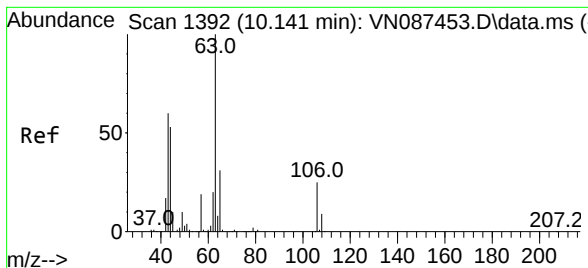


#54
1,2-Dibromoethane
Concen: 5.026 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37



Tgt Ion:107 Resp: 24555
Ion Ratio Lower Upper
107 100
109 95.6 74.2 111.4





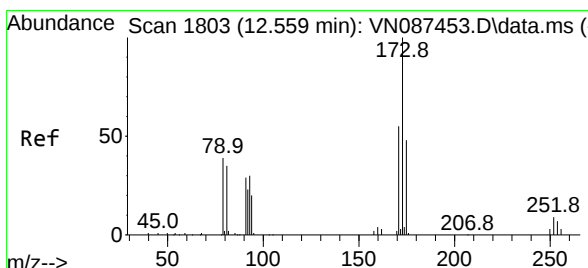
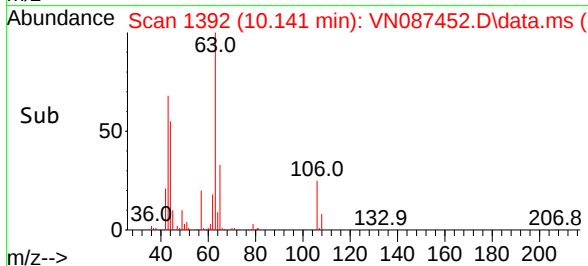
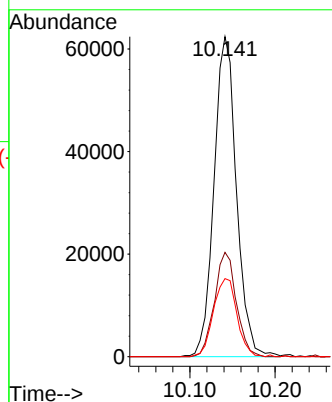
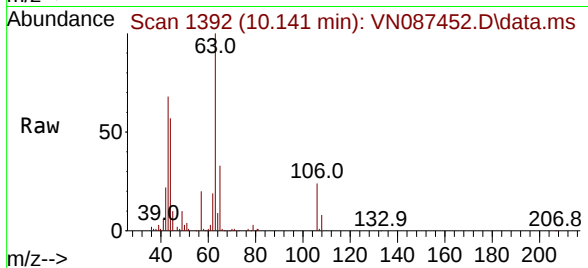
#55
2-Chloroethyl vinyl ether
Concen: 26.788 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 114298
Ion Ratio Lower Upper
63 100
65 31.7 25.7 38.5
106 25.5 20.7 31.1

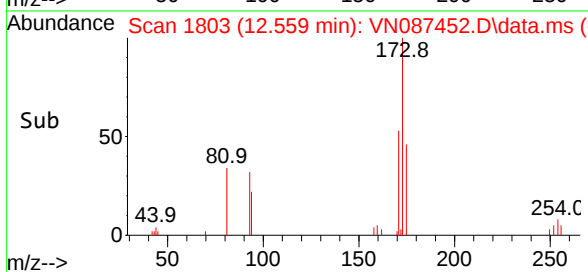
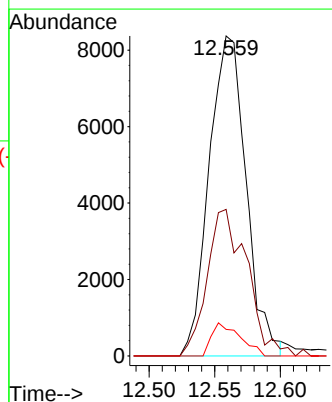
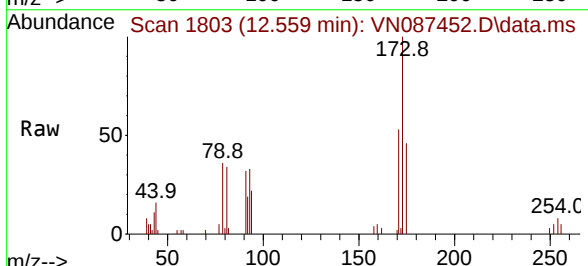
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#56
Bromoform
Concen: 4.675 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

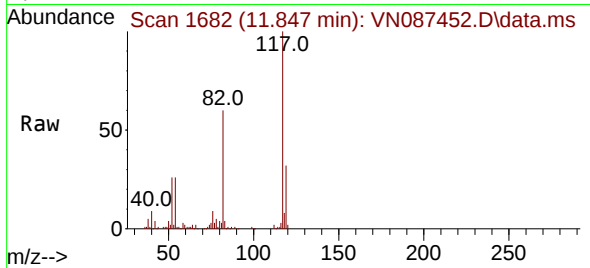
Tgt Ion:173 Resp: 16434
Ion Ratio Lower Upper
173 100
175 32.9 38.8 58.2#
254 8.0 3.9 5.9#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

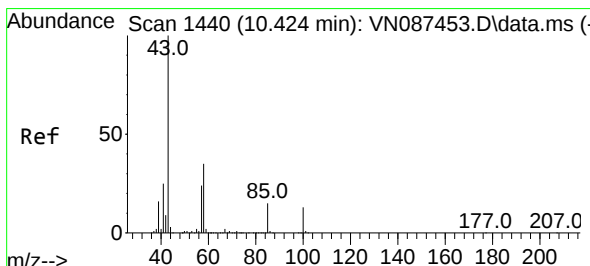
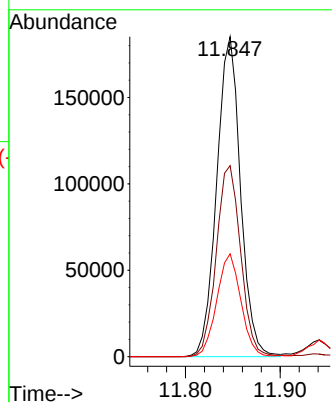
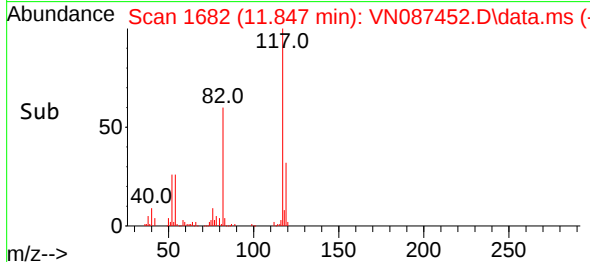
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



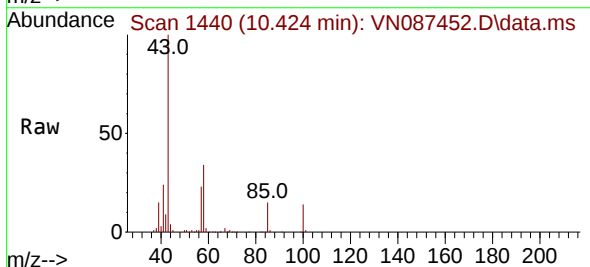
Tgt Ion: 117 Resp: 324158
Ion Ratio Lower Upper
117 100
82 61.1 49.2 73.8
119 32.5 25.7 38.5

Manual Integrations
APPROVED

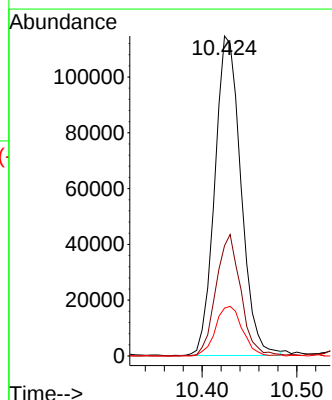
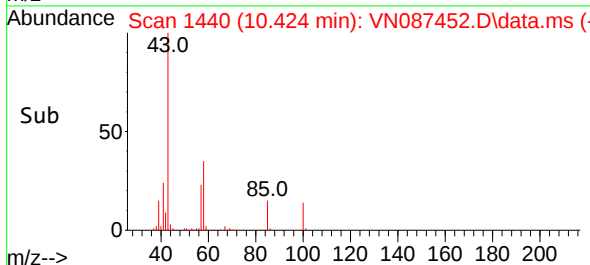
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

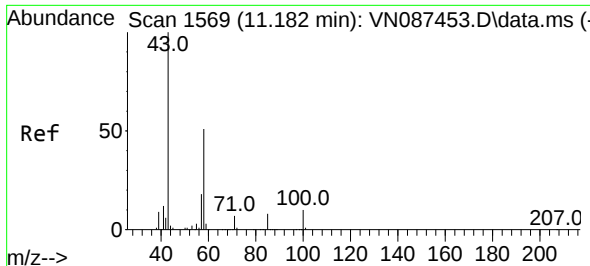


#58
4-Methyl-2-Pentanone
Concen: 26.335 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37



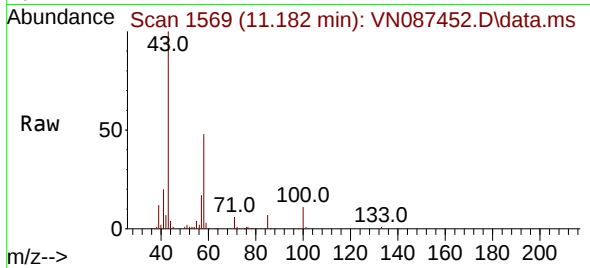
Tgt Ion: 43 Resp: 219603
Ion Ratio Lower Upper
43 100
58 35.6 29.0 43.6
85 16.0 12.7 19.1





#59
2-Hexanone
Concen: 23.053 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

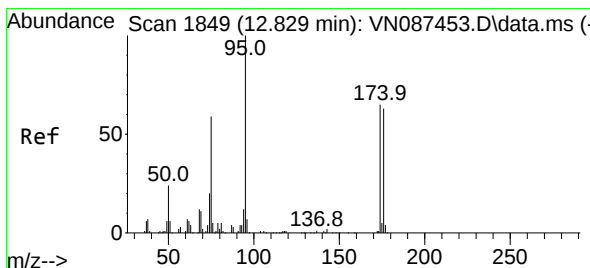
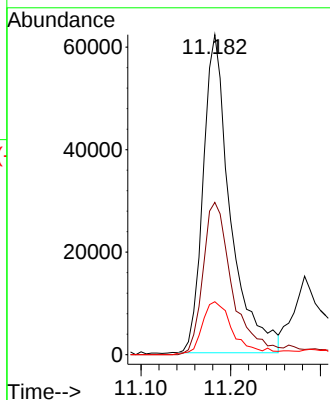
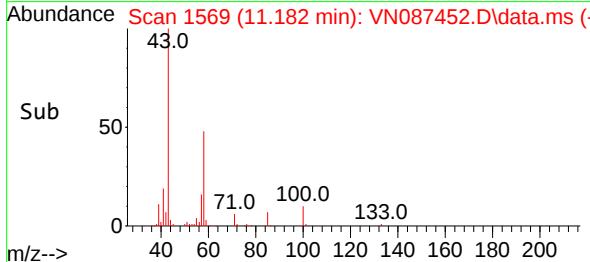
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 130610
Ion Ratio Lower Upper
43 100
58 51.8 41.0 61.6
57 18.3 14.6 21.8

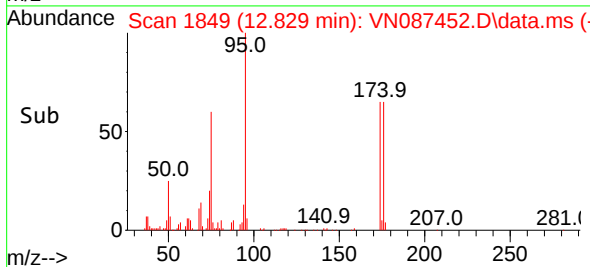
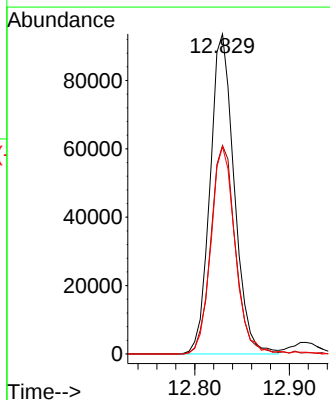
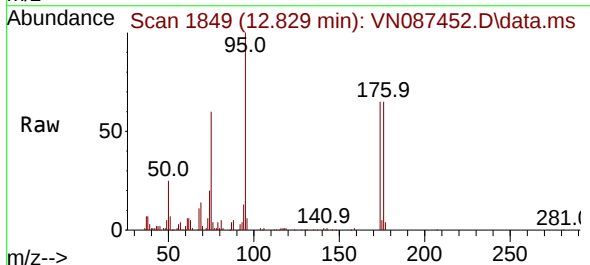
Manual Integrations
APPROVED

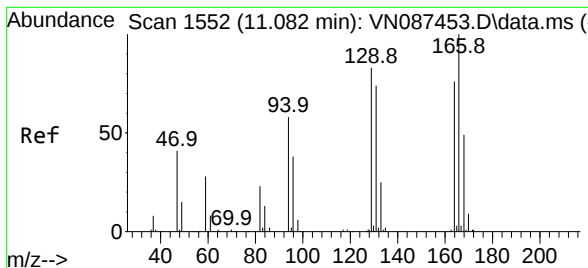
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#60
4-Bromofluorobenzene
Concen: 29.766 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

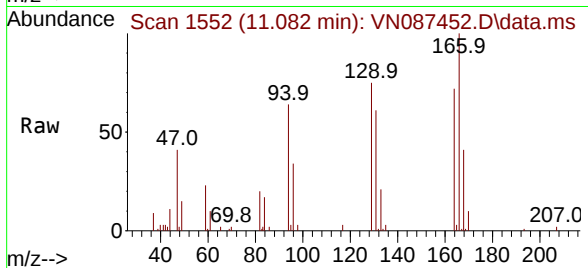
Tgt Ion: 95 Resp: 166050
Ion Ratio Lower Upper
95 100
174 66.1 52.3 78.5
176 64.5 49.8 74.8





#61
Tetrachloroethene
Concen: 5.471 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

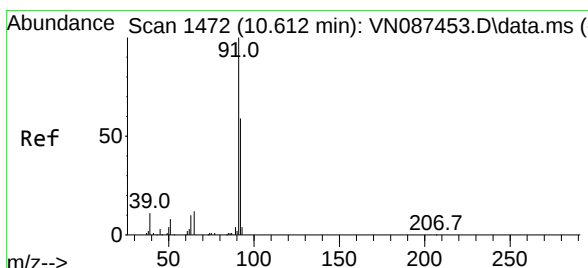
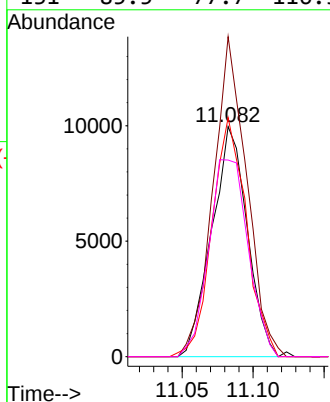
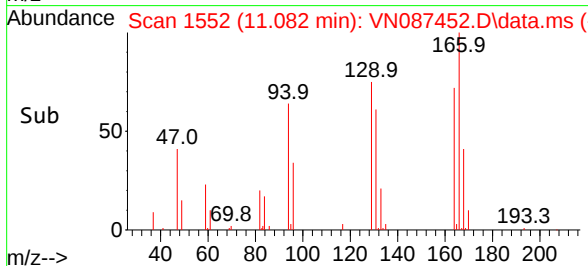


Tgt Ion:164 Resp: 17278

Ion	Ratio	Lower	Upper
164	100		
166	139.1	105.4	158.0
129	103.9	87.7	131.5
131	85.5	77.7	116.5

Manual Integrations
APPROVED

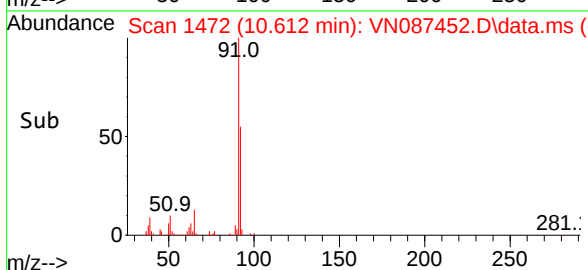
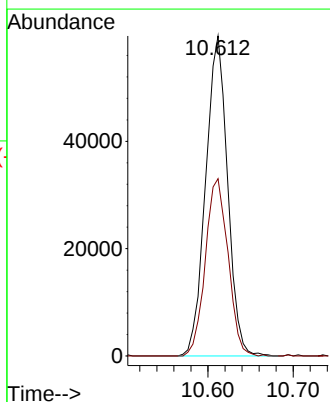
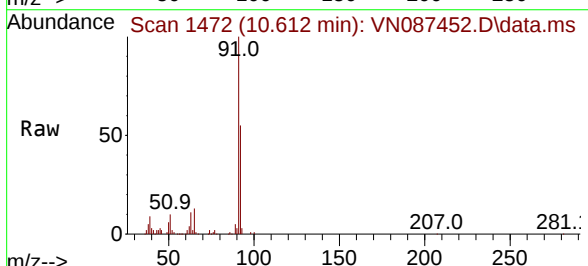
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

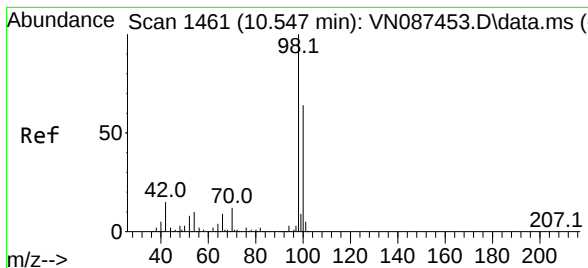


#62
Toluene
Concen: 5.333 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 91 Resp: 106690

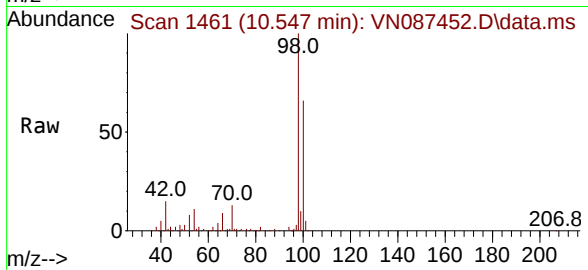
Ion	Ratio	Lower	Upper
91	100		
92	57.2	45.8	68.6





#63
Toluene-d8
Concen: 30.702 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

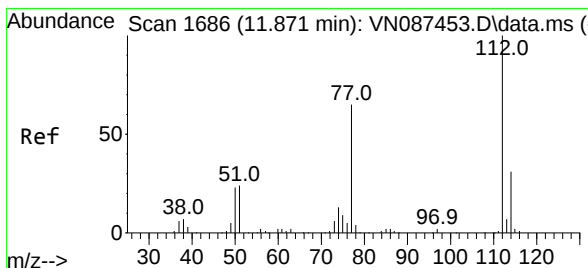
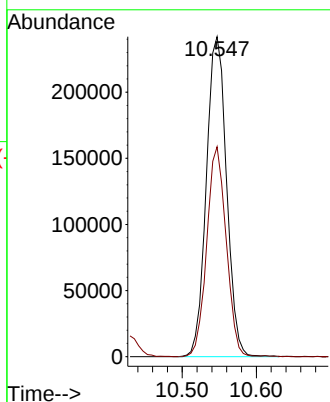
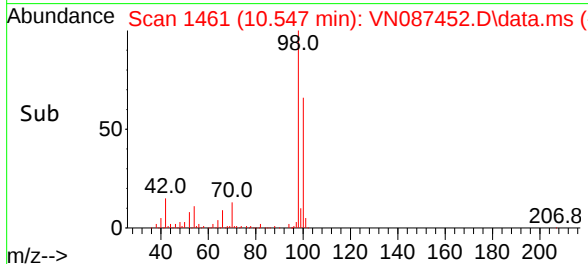
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 98 Resp: 45792
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7

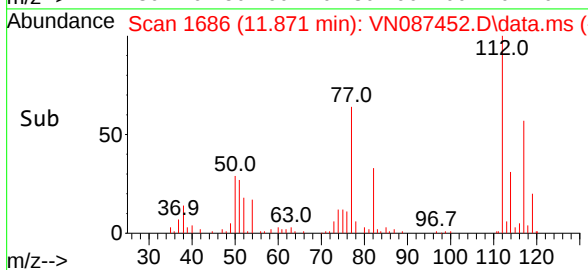
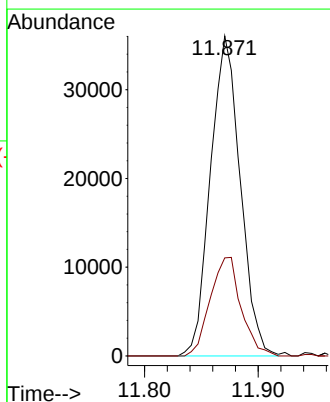
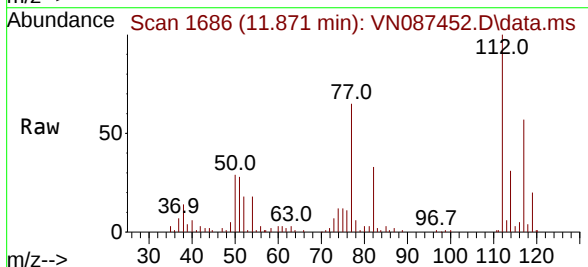
Manual Integrations
APPROVED

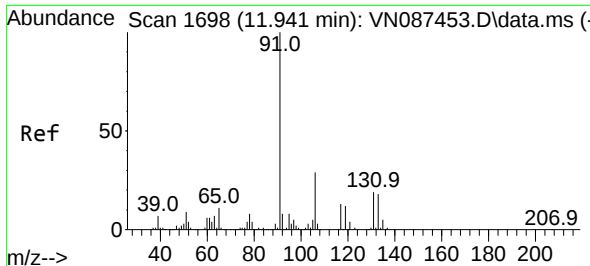
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#64
Chlorobenzene
Concen: 5.354 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion:112 Resp: 65821
Ion Ratio Lower Upper
112 100
114 30.7 24.7 37.1





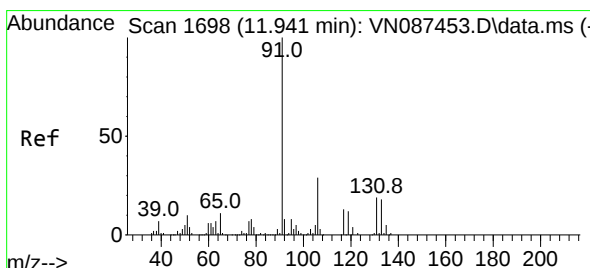
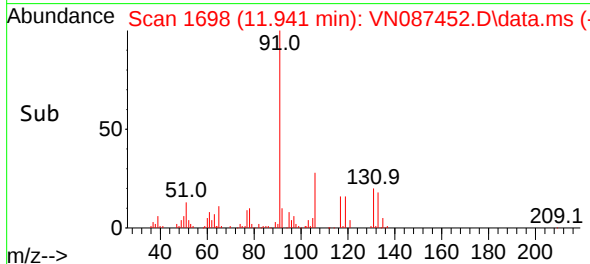
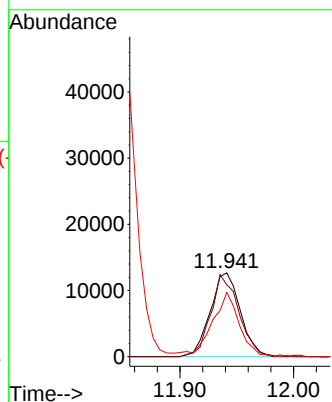
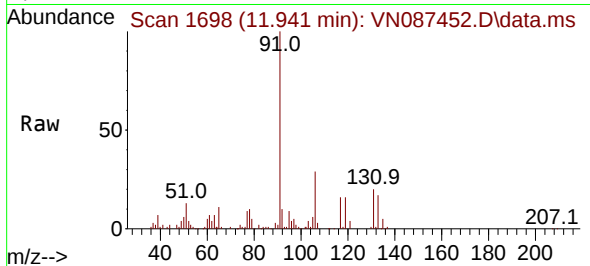
#65
1,1,1,2-Tetrachloroethane
Concen: 5.381 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 23260
Ion Ratio Lower Upper
131 100
133 91.5 0.0 189.8
119 66.7 0.0 133.2

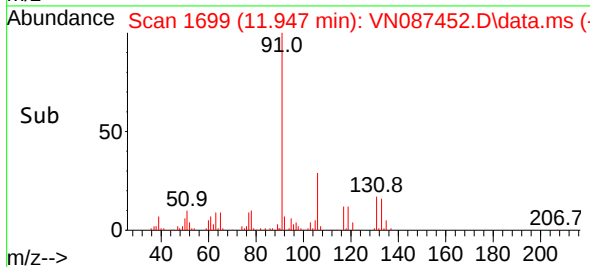
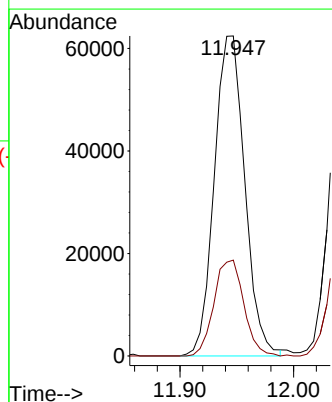
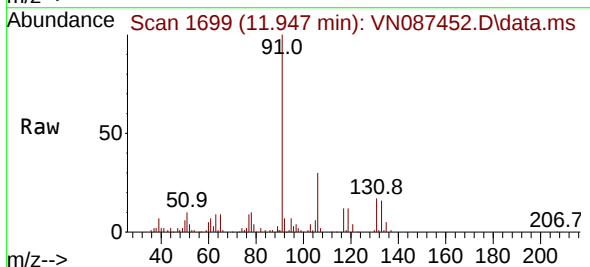
Manual Integrations
APPROVED

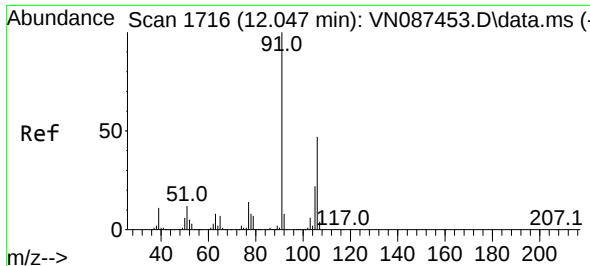
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#66
Ethyl Benzene
Concen: 5.219 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 91 Resp: 116379
Ion Ratio Lower Upper
91 100
106 29.9 22.9 34.3





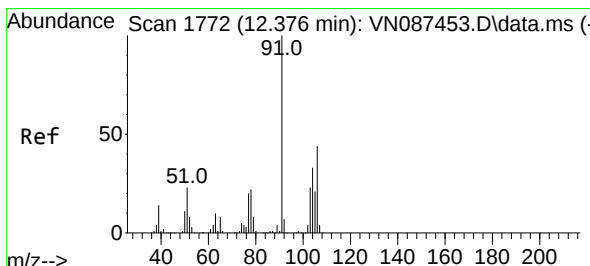
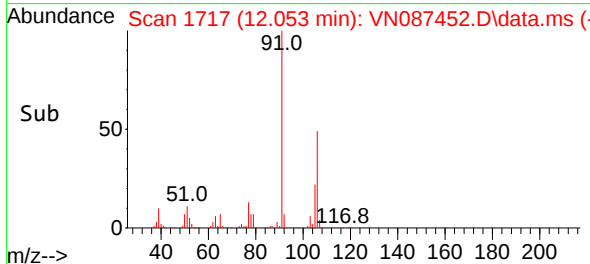
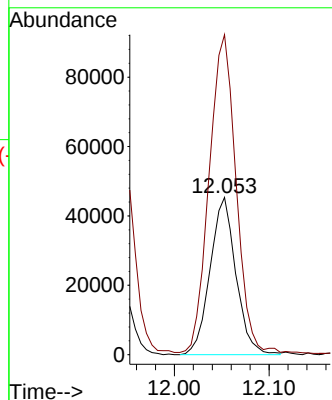
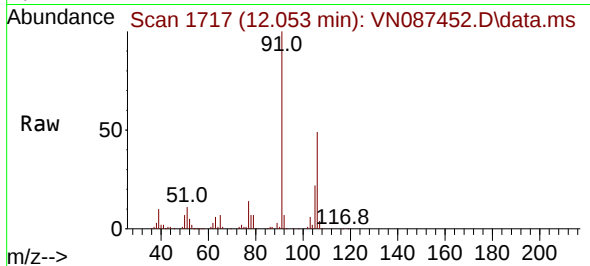
#67
m/p-Xylenes
Concen: 10.503 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 8596
Ion Ratio Lower Upper
106 100
91 211.9 174.2 261.2

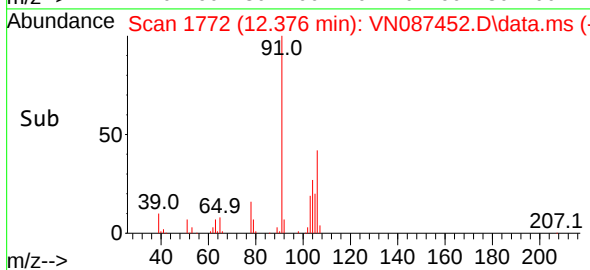
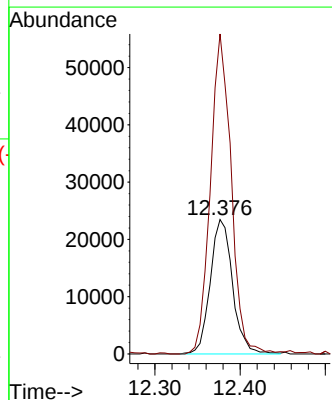
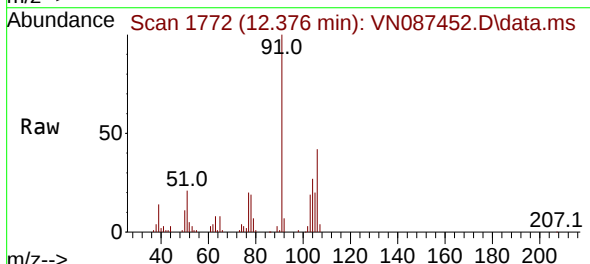
Manual Integrations
APPROVED

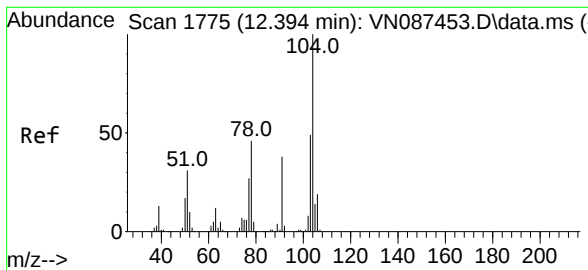
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#68
o-Xylene
Concen: 5.306 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion:106 Resp: 42724
Ion Ratio Lower Upper
106 100
91 221.3 114.5 343.5





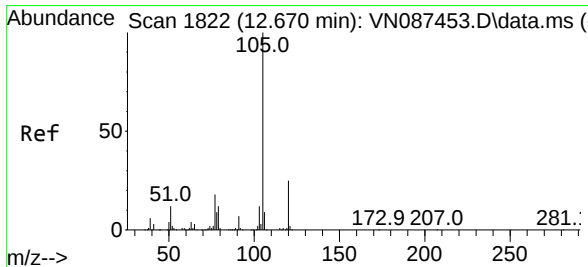
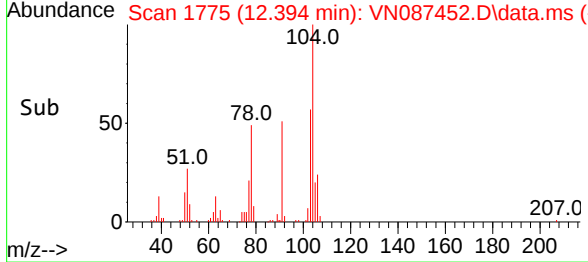
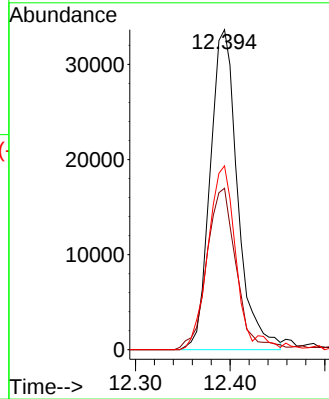
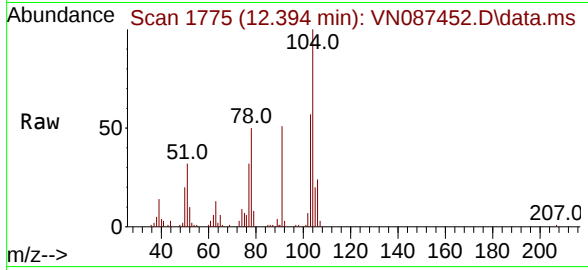
#69
Styrene
Concen: 4.938 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:104 Resp: 6789
Ion Ratio Lower Upper
104 100
78 52.9 43.8 65.8
103 56.2 43.1 64.7

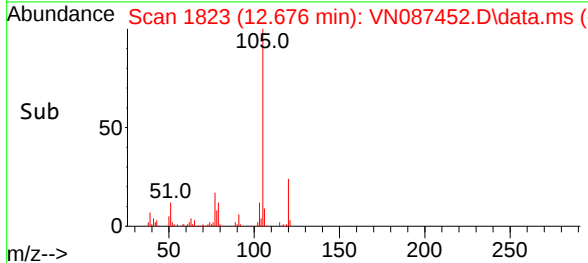
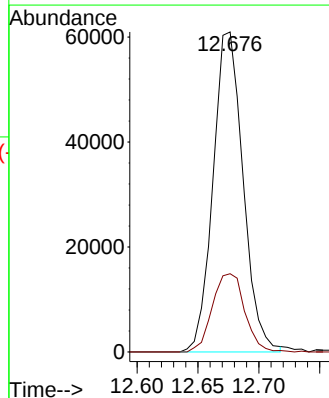
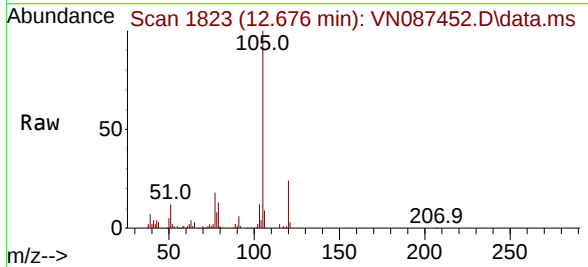
Manual Integrations
APPROVED

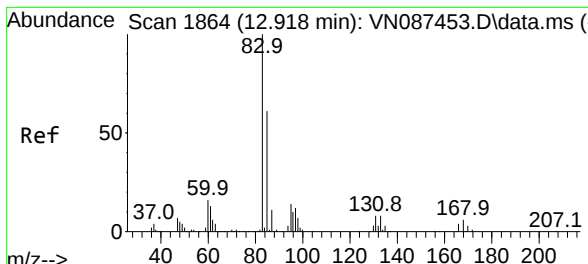
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#70
Isopropylbenzene
Concen: 5.119 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

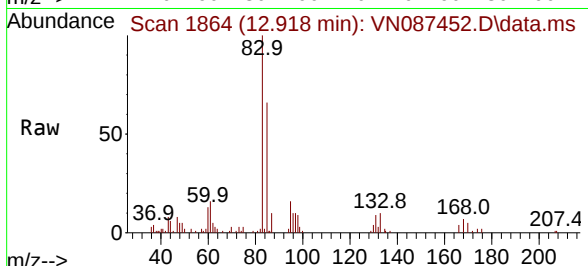
Tgt Ion:105 Resp: 104723
Ion Ratio Lower Upper
105 100
120 26.2 17.5 32.5





#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.336 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

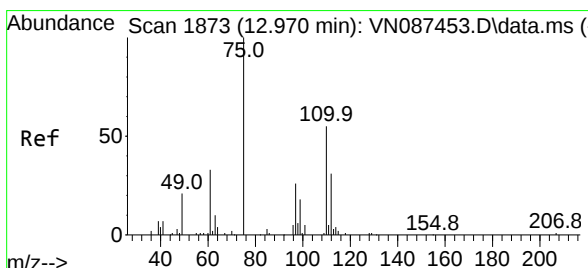
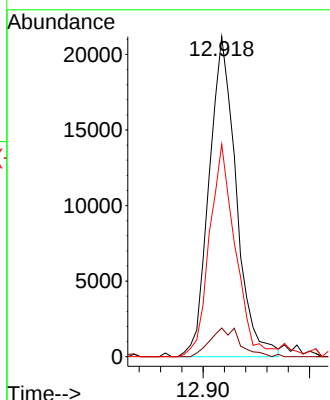
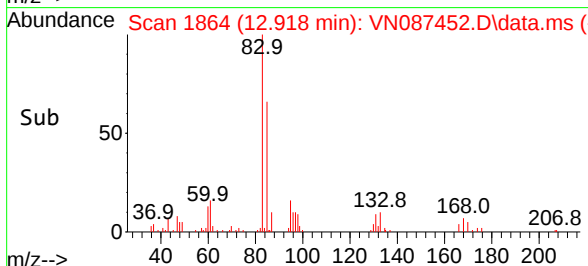
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



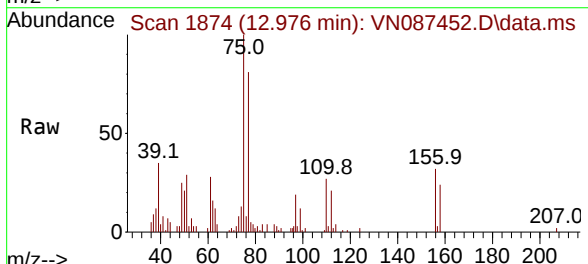
Tgt Ion: 83 Resp: 3740
 Ion Ratio Lower Upper
 83 100
 131 6.3 4.8 14.3
 85 61.5 31.7 95.1

Manual Integrations
 APPROVED

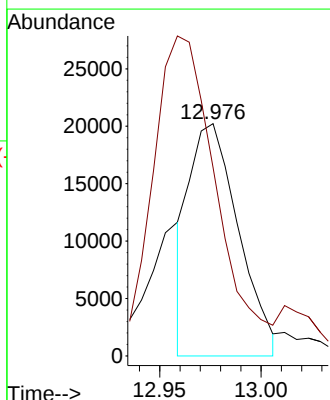
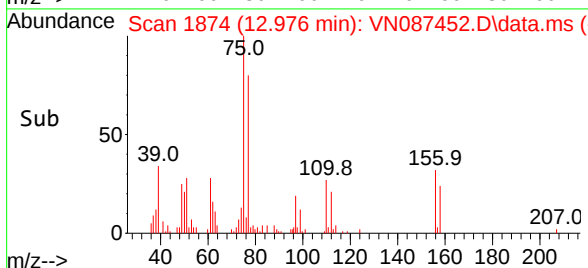
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

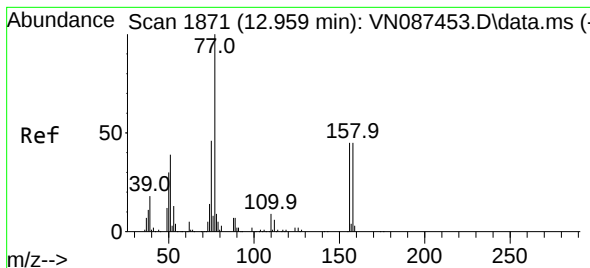


#72
 1,2,3-Trichloropropane
 Concen: 4.733 ug/l m
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.006 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37



Tgt Ion: 75 Resp: 34102
 Ion Ratio Lower Upper
 75 100
 77 179.8 0.0 385.0





#73

Bromobenzene

Concen: 5.331 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

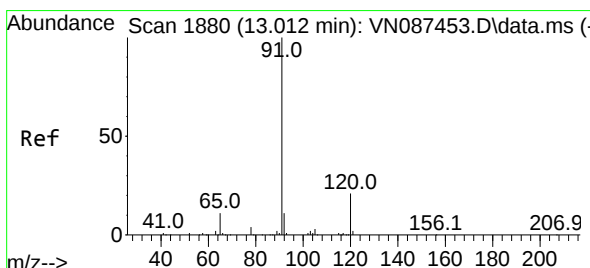
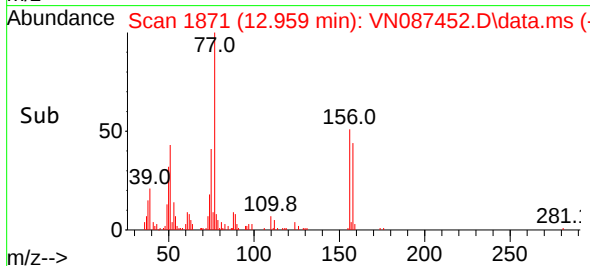
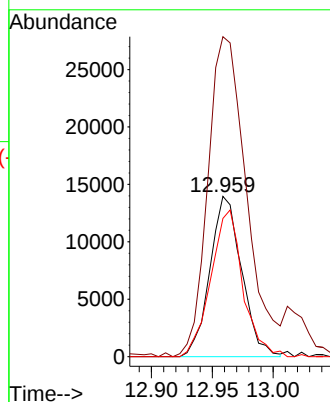
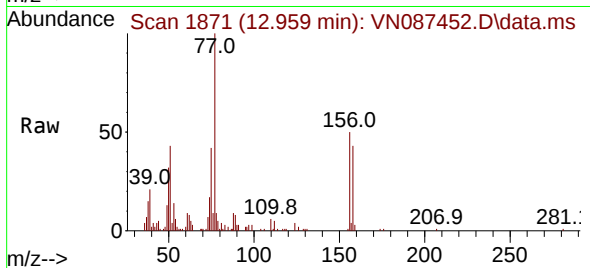
Tgt Ion:	156	Resp:	25284
Ion Ratio	Lower	Upper	
156	100		
77	242.5	0.0	506.6
158	92.3	0.0	193.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#74

n-propylbenzene

Concen: 5.275 ug/l

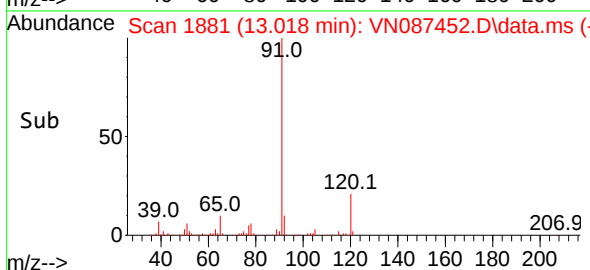
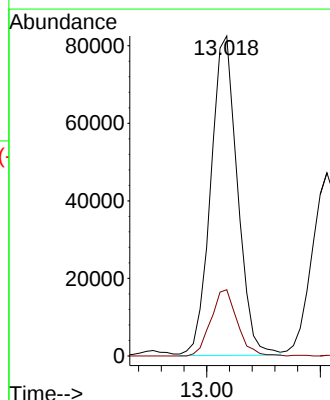
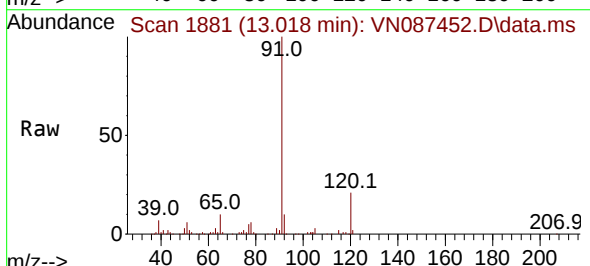
RT: 13.018 min Scan# 1881

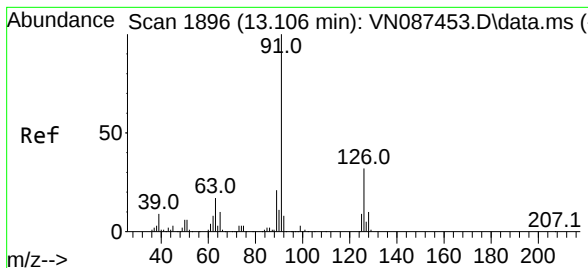
Delta R.T. 0.006 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

Tgt Ion:	91	Resp:	134786
Ion Ratio	Lower	Upper	
91	100		
120	20.4	0.0	41.8





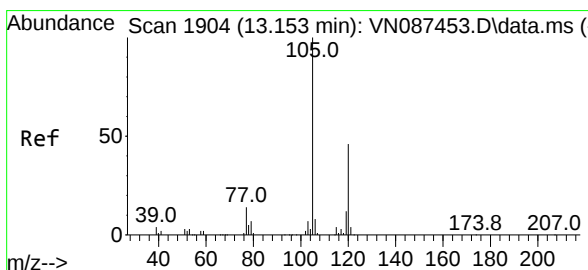
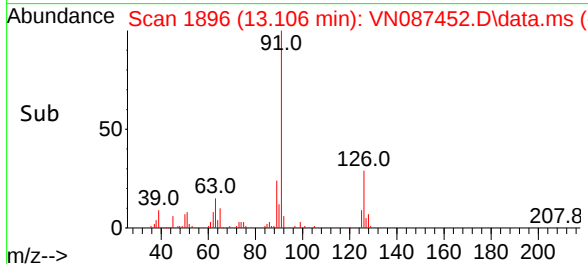
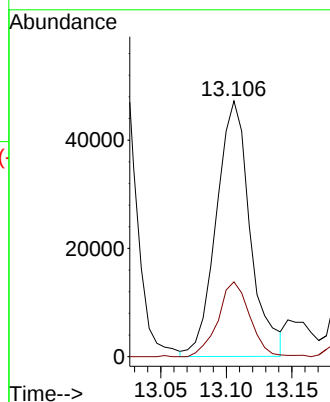
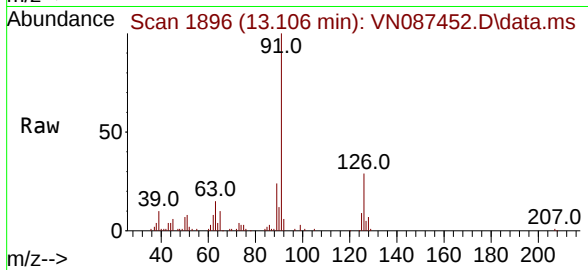
#75
2-Chlorotoluene
Concen: 5.397 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 8482
Ion Ratio Lower Upper
91 100
126 27.5 0.0 60.4

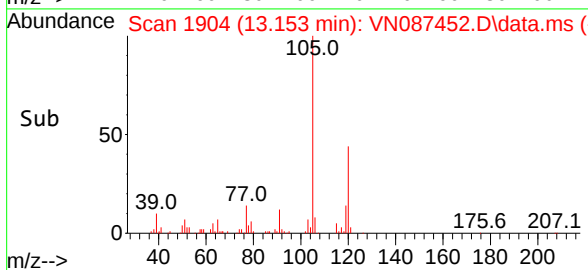
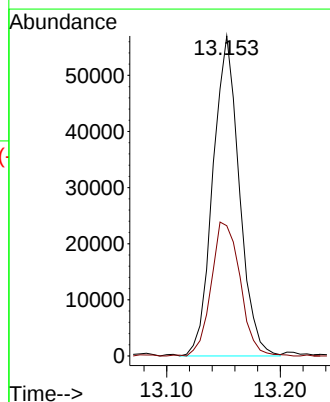
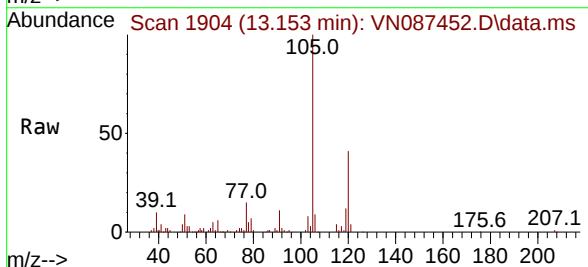
Manual Integrations
APPROVED

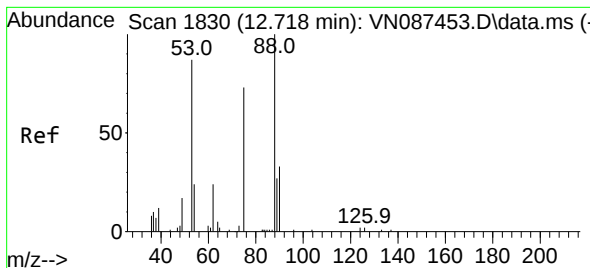
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#76
1,3,5-Trimethylbenzene
Concen: 5.259 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

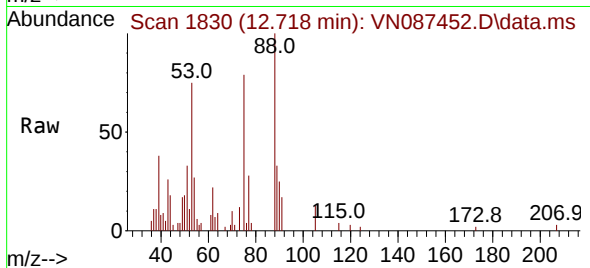
Tgt Ion:105 Resp: 92128
Ion Ratio Lower Upper
105 100
120 45.7 0.0 91.2





#77
t-1,4-Dichloro-2-butene
Concen: 4.189 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

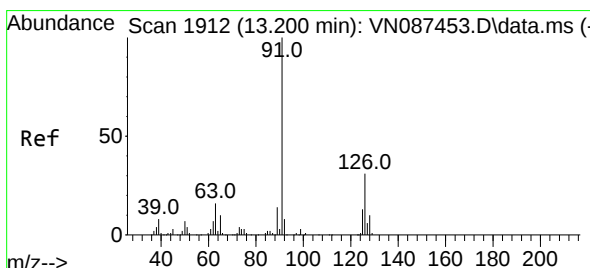
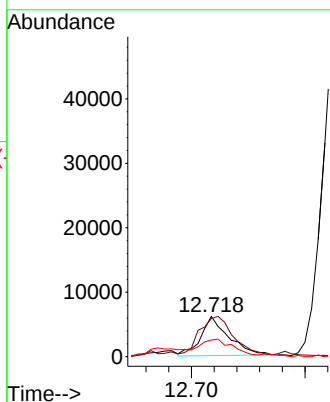
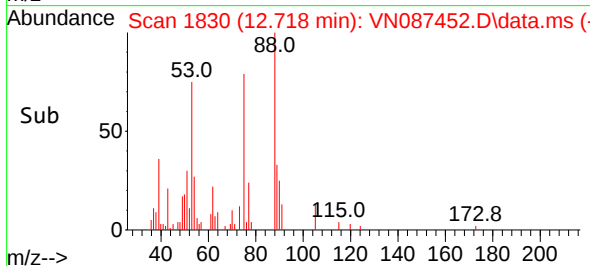
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1035
Ion Ratio Lower Upper
75 100
53 92.1 59.0 176.8
89 35.9 22.1 66.5

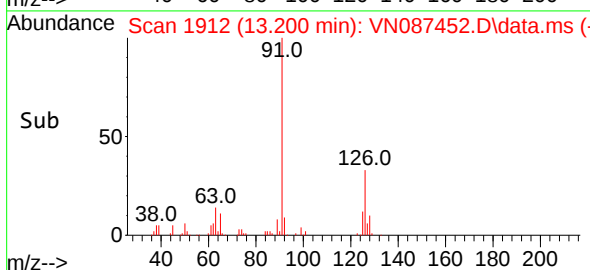
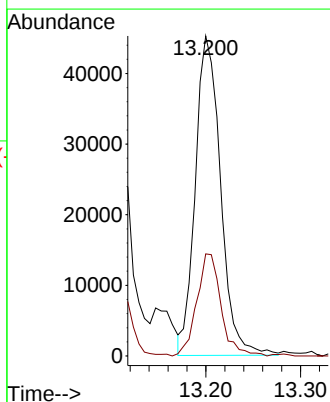
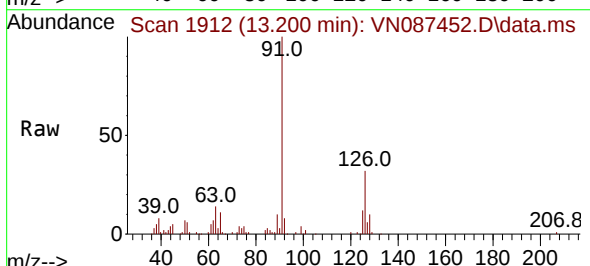
Manual Integrations
APPROVED

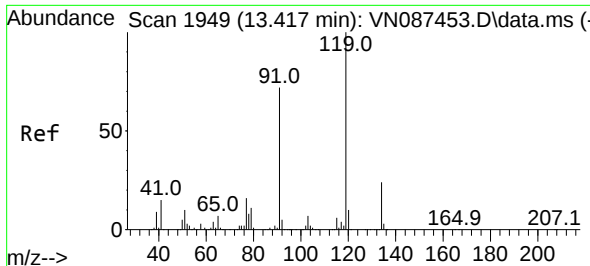
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#78
4-Chlorotoluene
Concen: 5.255 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 91 Resp: 83697
Ion Ratio Lower Upper
91 100
126 30.4 0.0 63.2





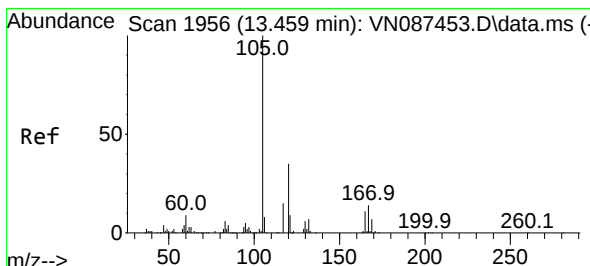
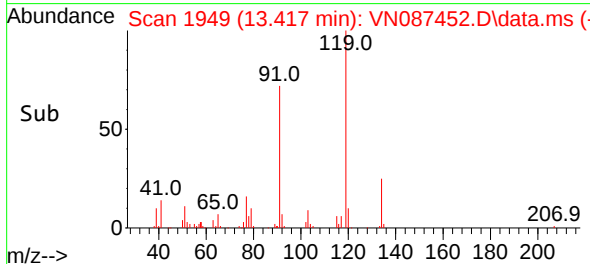
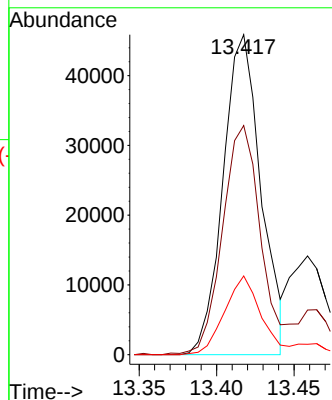
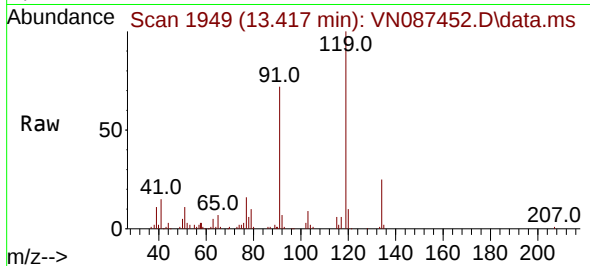
#79
tert-butylbenzene
Concen: 5.277 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 7793
Ion Ratio Lower Upper
119 100
91 71.2 0.0 141.6
134 23.7 0.0 45.6

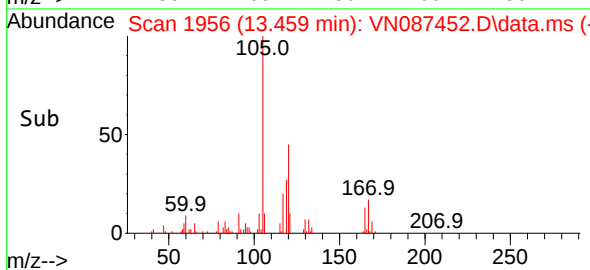
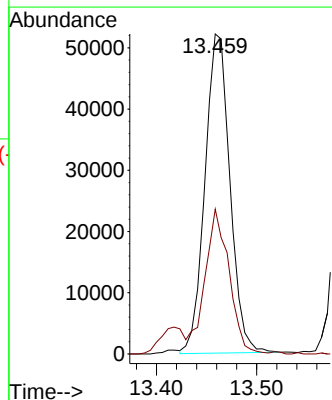
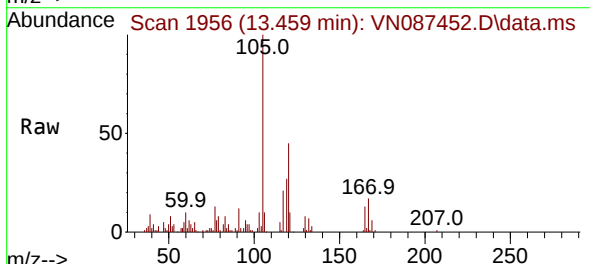
Manual Integrations
APPROVED

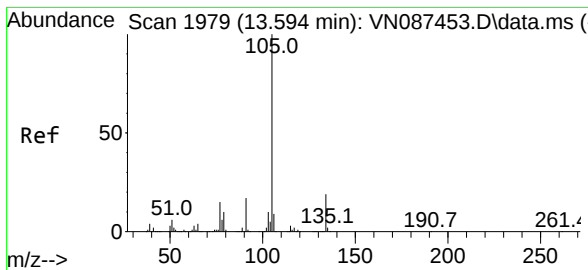
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#80
1,2,4-Trimethylbenzene
Concen: 5.159 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

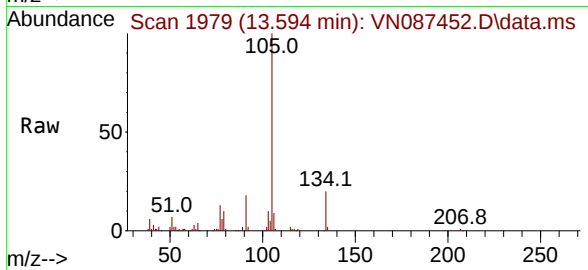
Tgt Ion:105 Resp: 90309
Ion Ratio Lower Upper
105 100
120 43.9 0.0 87.2





#81
 sec-Butylbenzene
 Concen: 5.259 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

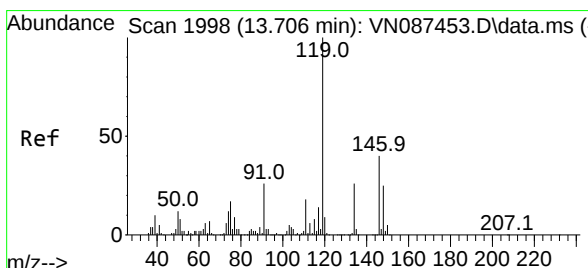
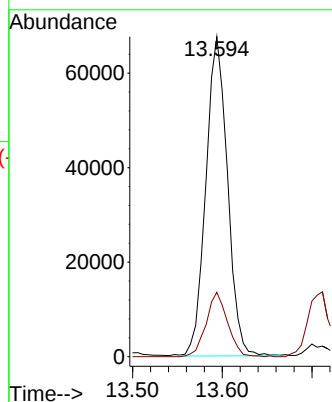
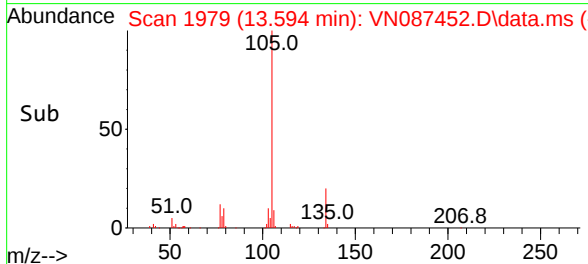
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



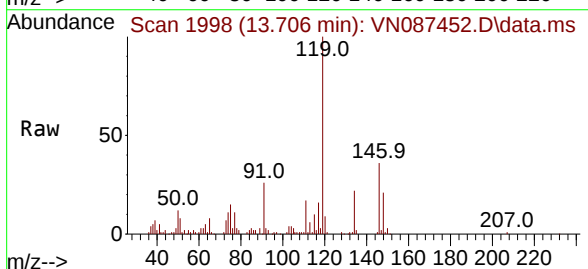
Tgt Ion:105 Resp: 11307
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 37.6

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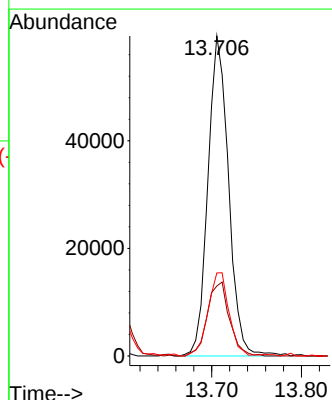
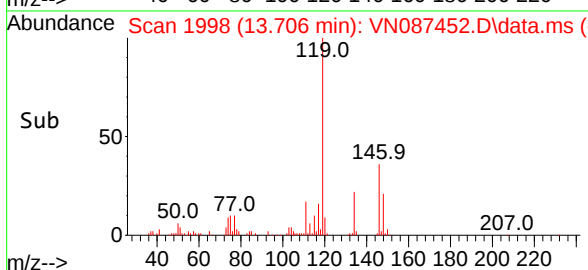
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

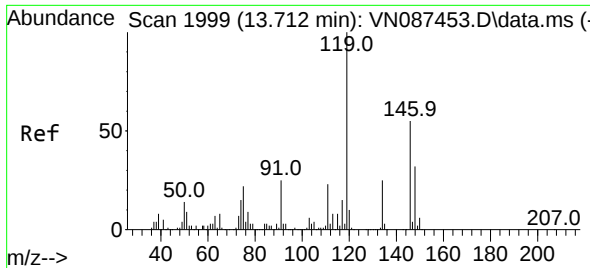


#82
 p-Isopropyltoluene
 Concen: 5.329 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37



Tgt Ion:119 Resp: 95127
 Ion Ratio Lower Upper
 119 100
 134 24.7 0.0 51.4
 91 26.4 0.0 52.0





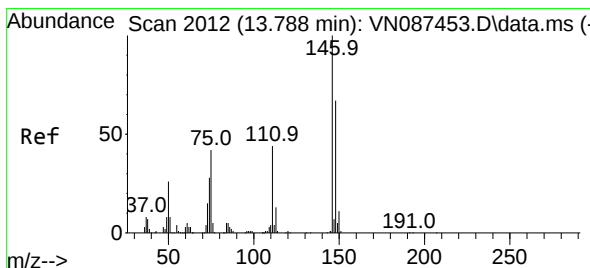
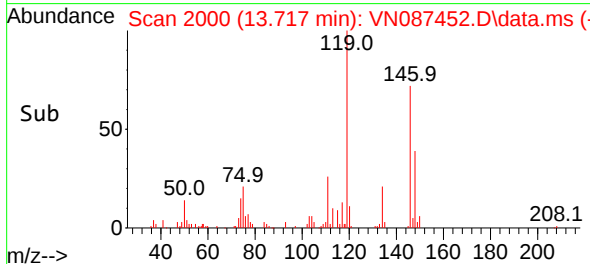
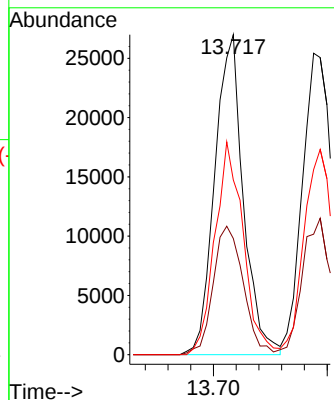
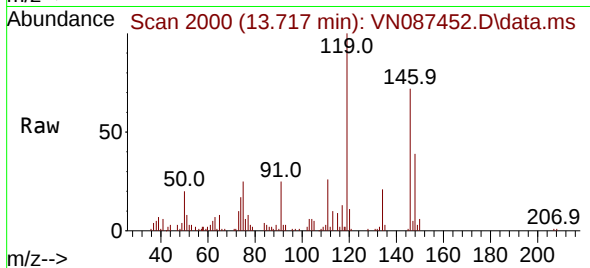
#83
1,3-Dichlorobenzene
Concen: 5.226 ug/l
RT: 13.717 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 4719
Ion Ratio Lower Upper
146 100
111 42.2 21.9 65.5
148 66.0 31.3 93.9

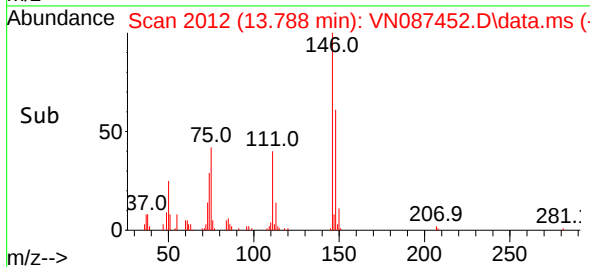
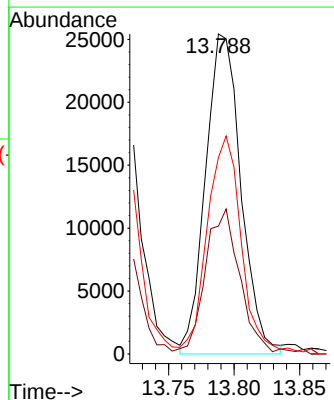
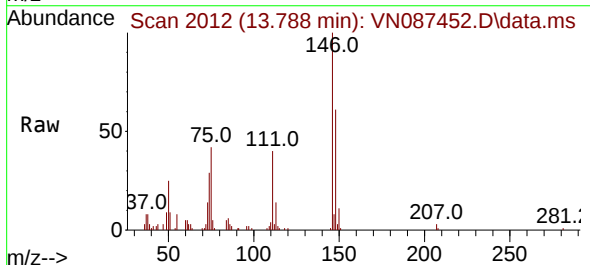
Manual Integrations
APPROVED

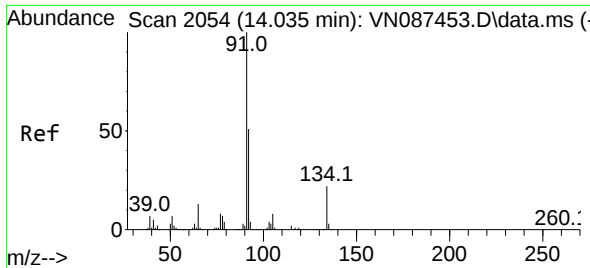
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#84
1,4-Dichlorobenzene
Concen: 5.216 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion:146 Resp: 47756
Ion Ratio Lower Upper
146 100
111 43.9 21.1 63.1
148 65.4 31.4 94.3





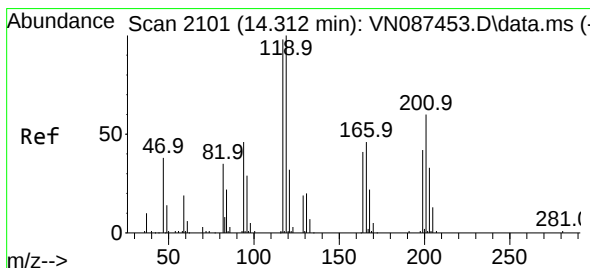
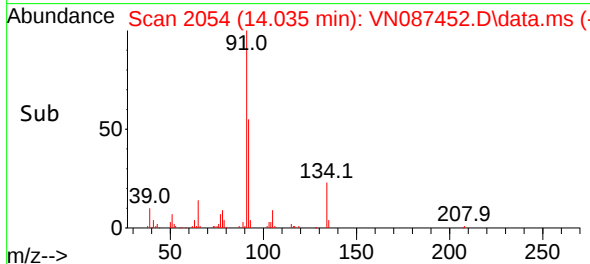
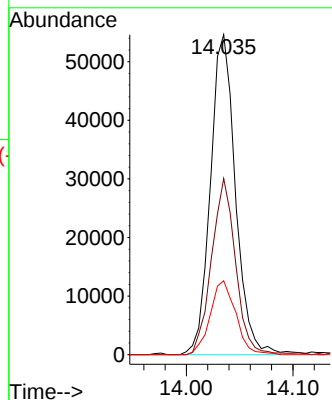
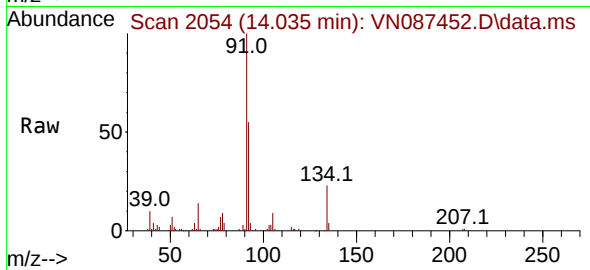
#85
n-Butylbenzene
Concen: 5.096 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 89004
Ion Ratio Lower Upper
91 100
92 52.7 0.0 106.6
134 23.7 0.0 44.4

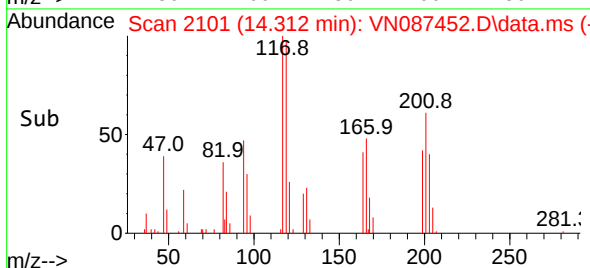
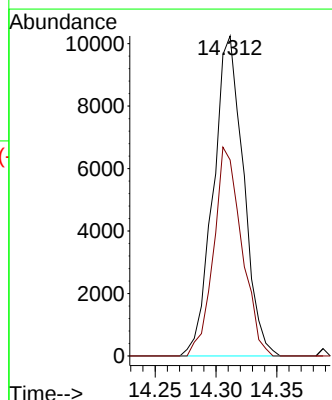
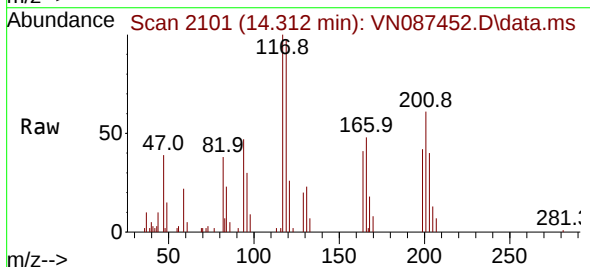
Manual Integrations
APPROVED

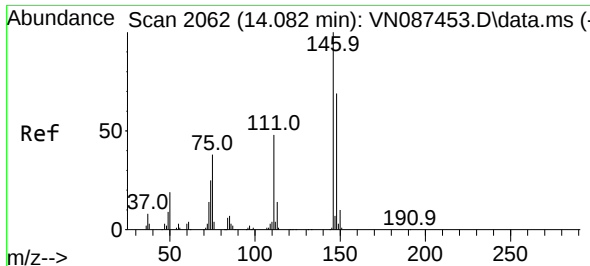
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#86
Hexachloroethane
Concen: 5.072 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion:117 Resp: 17680
Ion Ratio Lower Upper
117 100
201 60.8 29.1 87.4





#87

1,2-Dichlorobenzene

Concen: 5.087 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

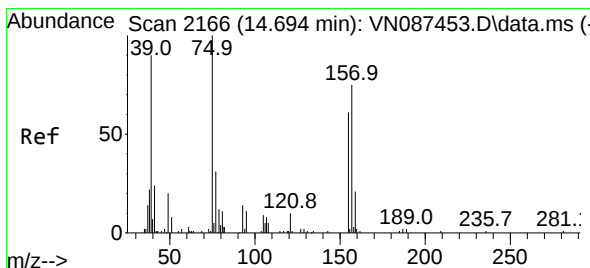
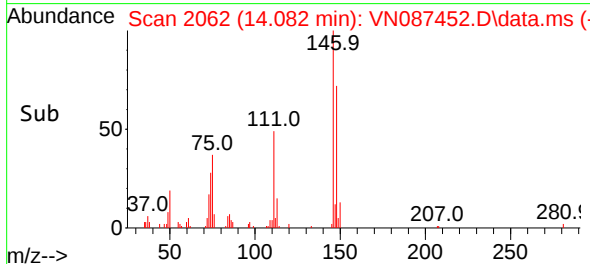
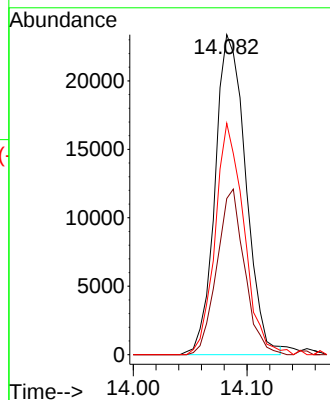
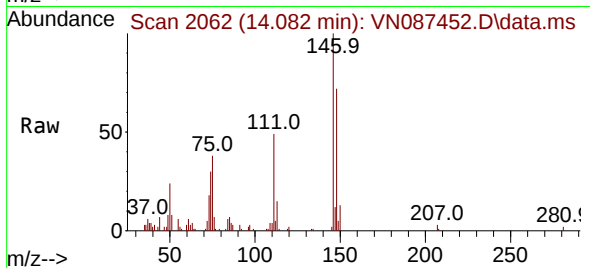
Tgt Ion:	146	Resp:	4385
Ion Ratio	Lower	Upper	
146	100		
111	46.7	22.9	68.7
148	67.8	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 5.257 ug/l

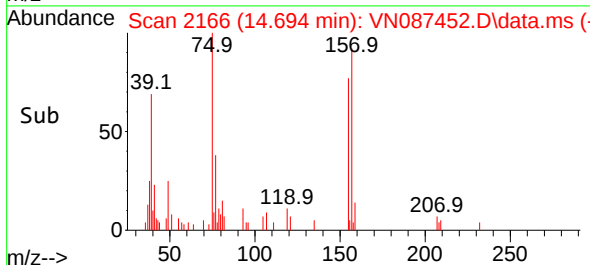
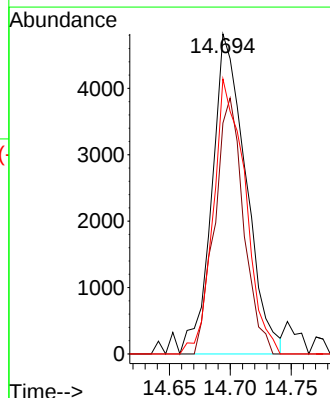
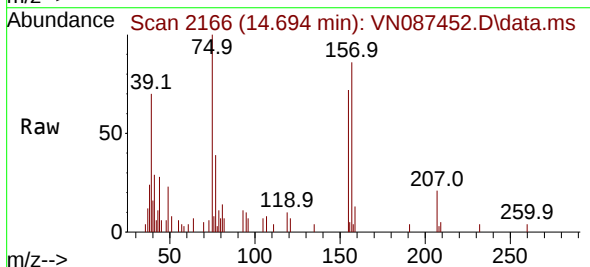
RT: 14.694 min Scan# 2166

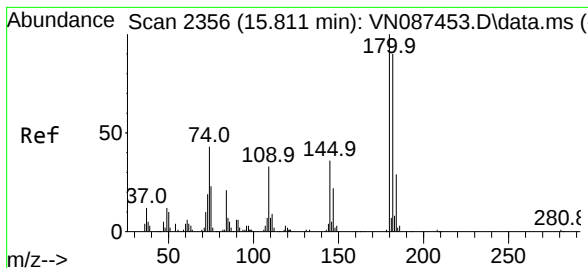
Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

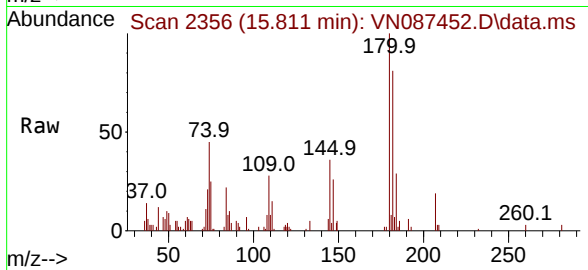
Tgt Ion:	75	Resp:	9336
Ion Ratio	Lower	Upper	
75	100		
155	68.1	55.7	83.5
157	80.9	65.8	98.6





#89
1,2,4-Trichlorobenzene
Concen: 5.188 ug/l
RT: 15.811 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

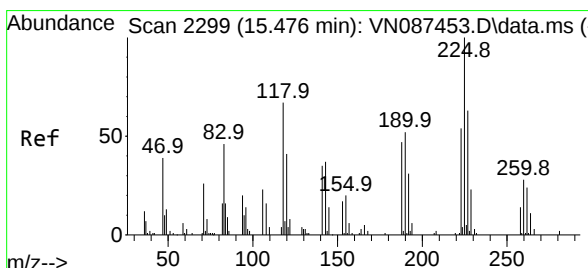
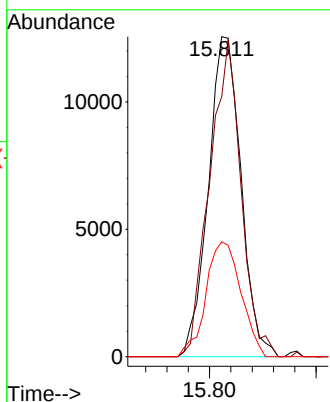
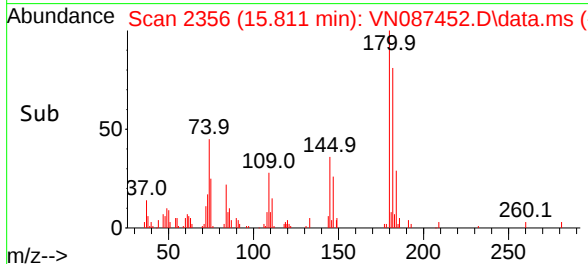
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



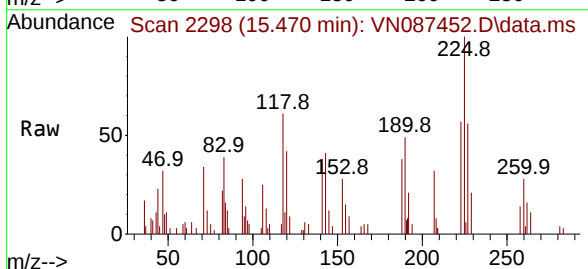
Tgt Ion:180 Resp: 26729
Ion Ratio Lower Upper
180 100
182 95.0 75.0 112.4
145 38.5 28.6 43.0

Manual Integrations
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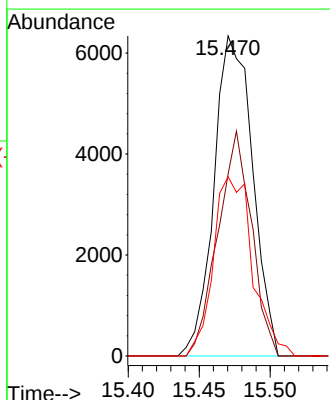
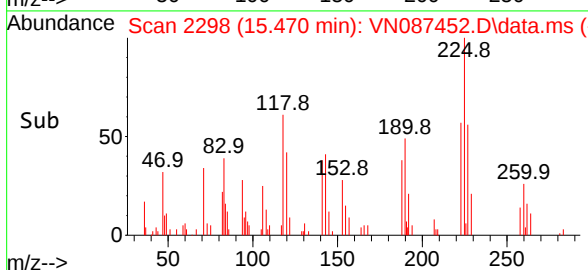
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

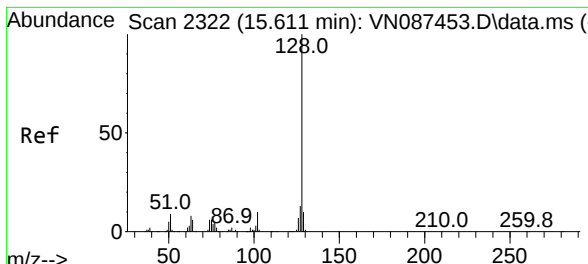


#90
Hexachlorobutadiene
Concen: 5.976 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37



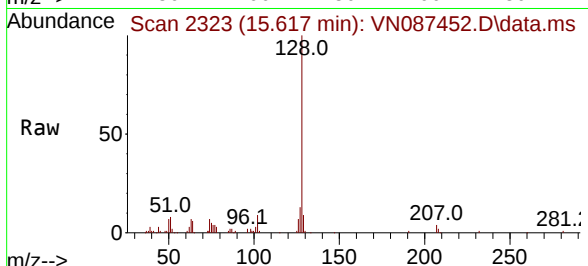
Tgt Ion:225 Resp: 11972
Ion Ratio Lower Upper
225 100
223 61.3 0.0 116.0
227 36.6 0.0 127.0





#91
Naphthalene
Concen: 4.971 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

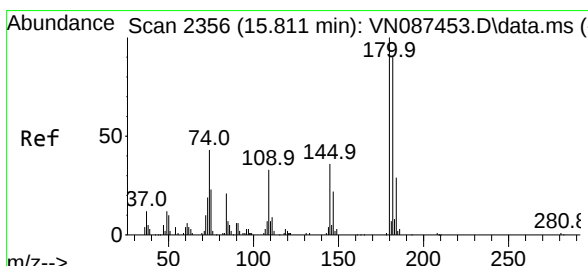
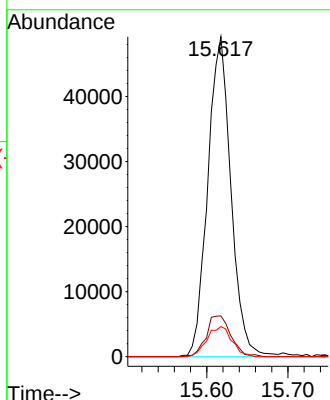
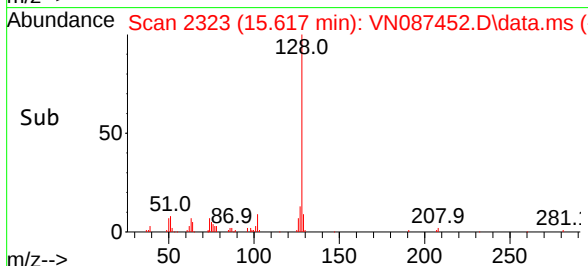
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



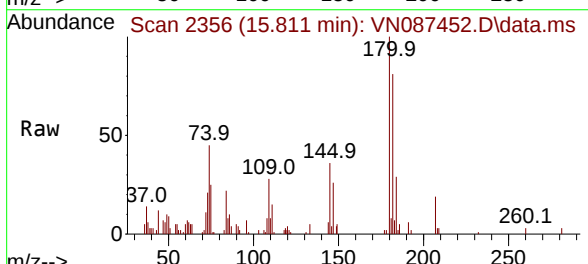
Tgt Ion:128 Resp: 97640
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 10.1 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#92
1,2,3-Trichlorobenzene
Concen: 5.188 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37



Tgt Ion:180 Resp: 26729
Ion Ratio Lower Upper
180 100
182 95.0 0.0 187.4
145 38.5 0.0 71.6

